

# **DU PAGE COUNTY**

421 N. COUNTY FARM ROAD WHEATON, IL 60187 www.dupagecounty.gov

# **Judicial and Public Safety Committee Final Summary**

Tuesday, September 17, 2024

8:00 AM

**County Board Room** 

#### 1. CALL TO ORDER

8:00 AM meeting was called to order by Chair Lucy Evans at 8:00 AM.

#### 2. ROLL CALL

Member Greg Schwarze arrived at 8:05 AM and Member Sam Tornatore arrived at 8:04 AM.

Staff in attendance: Nick Kottmeyer (Chief Administrative Officer), Joan Olson (Chief Communications Officer), Conor McCarthy (Assistant State's Attorney), Jason Blumenthal (Assistant Director of Operations), Evan Shields (Public Information Officer), Edmond Moore (Undersheriff), Craig Dieckman (Director-Office of Homeland Security and Emergency Management), Jeff Martynowicz (Chief Financial Officer) and Jeff York (Public Defender).

Other Board members in attendance: Member Paula Garcia

| PRESENT | Chaplin, Childress, DeSart, Eckhoff, Evans, Gustin, Zay, and Yoo |
|---------|--|
| ABSENT  | Krajewski, and Ozog  |
| LATE    | Schwarze, and Tornatore  |

#### 3. PUBLIC COMMENT

No public comment was offered.

#### 4. CHAIR REMARKS - CHAIR EVANS

Chair Evans welcomed all to the meeting and hoped that everyone had a good weekend. She went on to let everyone know that coming up on September 21, the Sheriff's Office is hosting their Safety Saturday event from 9:00 AM to 3:00 PM at 501 N. County Farm Road in Wheaton. She encouraged all to attend.

#### 5. APPROVAL OF MINUTES

#### 5.A. **24-2395**

Judicial and Public Safety Committee - Regular Meeting Minutes - Tuesday, September 3, 2024.

The motion was approved on a voice vote, all "ayes".

RESULT: APPROVED

MOVER: Patty Gustin

SECONDER: Liz Chaplin

#### 6. PROCUREMENT REQUISITIONS

#### 6.A. <u>JPS-P-0025-24</u>

Recommendation for the approval of a contract purchase order to Tower Direct, for the purchase of an Antenna Hut/Concrete Shelter, for the Sheriff's Office, for the period of September 24, 2024 through September 23, 2025, for a contract total not to exceed \$59,750; not suitable for competitive bidding as defined in 55 ILCS 5/5-1022(c): purchases of used equipment. Vendor selected pursuant to DuPage County Procurement Ordinance 2-355 (1). (Sheriff's Office)

The motion was approved on a voice vote, all "ayes".

**RESULT:** APPROVED AND SENT TO FINANCE

MOVER: Dawn DeSart SECONDER: Liz Chaplin

#### 7. RESOLUTIONS

#### 7.A. <u>FI-R-0154-24</u>

Acceptance of the Public Defender Funding Agreement PY25, Company 1000 - Accounting Unit 6300, \$113,114.75. (Public Defender's Office)

The motion was approved on a voice vote, all "ayes".

**RESULT:** APPROVED AND SENT TO FINANCE

MOVER: Dawn DeSart SECONDER: Patty Gustin

#### 8. BUDGET TRANSFERS

#### 8.A. **24-2484**

Transfer of funds from account no. 1000-6500-53020 (Information Technology Services) to account no. 1000-6500-54100-0700 (IT Equipment-Capital Lease) in the amount of \$1,600 to cover anticipated expenses until the end of the fiscal year. (State's Attorney's Office)

The motion was approved on a voice vote, all "ayes".

RESULT: APPROVED

MOVER: Liz Chaplin

SECONDER: Yeena Yoo

#### 9. ACTION ITEMS

#### 9.A. **24-2397**

County Contract 6612-0001 SERV, issued to LDV, Inc., to extend contract expiration date from September 11, 2024 to May 31, 2025. No change in contract total. (Sheriff's Office)

Member Chaplin asked how many of these HDU vehicles the Sheriff's Office has. Undersheriff Moore responded that this vehicle will replace the old ambulance they have been using and it will be the only vehicle of this type that they have.

The motion was approved on a voice vote, all "ayes".

RESULT: ADOPTED

MOVER: Patty Gustin

SECONDER: Jim Zay

#### 10. GRANTS

#### 10.A. **24-2396**

GPN 031-24: Emergency Management Performance Grant FFY 2024 - Illinois Emergency Management Agency - U.S. Department of Homeland Security - \$564,700 (Office of Homeland Security and Emergency Management)

The motion was approved on a voice vote, all "ayes".

**RESULT:** APPROVED AND SENT TO FINANCE

MOVER: Patty Gustin SECONDER: Liz Chaplin

#### 11. INFORMATIONAL

#### 11.A. **24-2485**

Informational - Public Defender's Office Monthly Statistical Report - August 2024. (Public Defender's Office)

The motion was approved on a voice vote, all "ayes".

**RESULT:** ACCEPTED AND PLACED ON FILE

MOVER: Jim Zay
SECONDER: Yeena Yoo

#### 12. OLD BUSINESS

No old business was offered.

#### 13. NEW BUSINESS

No new business was offered.

#### 14. ADJOURNMENT

With no further business, the meeting was adjourned at 8:07 AM. The next meeting is scheduled for Tuesday, October 1, 2024 at 8:00 AM.

### Minutes





File #: 24-2395 Agenda Date: 9/17/2024 Agenda #: 5.A.



# **DU PAGE COUNTY**

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# **Judicial and Public Safety Committee Final Summary**

Tuesday, September 3, 2024

8:00 AM

**County Board Room** 

#### 1. CALL TO ORDER

8:00 AM meeting was called to order by Chair Lucy Evans at 8:03 AM.

#### 2. ROLL CALL

Member Patty Gustin arrived at 8:05 AM and Member Sam Tornatore arrived at 8:20 AM.

<u>Presenters</u>: DuPage County Coroner, Richard Jorgensen, M.D., Sheriff James Mendrick and Deputy Chief Dan Bilodeau

Staff in attendance: Nick Kottmeyer (Chief Administrative Officer), Joan Olson (Chief Communications Officer), Conor McCarthy (Assistant State's Attorney), Jason Blumenthal (Assistant Director of Operations), Evan Shields (Public Information Officer), Jeff Martynowicz (Chief Financial Officer), Jennifer Sinn (Deputy Chief Financial Officer), Valerie Calvente (Chief Procurement Officer), Paul Bruckner (Deputy Chief Assistant State's Attorney), Edmond Moore (Undersheriff) and many employees of the Sheriff's Office.

Other Board members in attendance: Member Cindy Cahill, Member Kari Galassi, Member Paula Garcia and Member Sheila Rutledge

| PRESENT | Chaplin, Childress, DeSart, Eckhoff, Evans, Krajewski, Ozog, Schwarze, and Zay |
|---------|--|
| ABSENT  | Yoo  |
| LATE    | Gustin, and Tornatore  |

#### 3. PUBLIC COMMENT

No public comment was offered.

#### 4. CHAIR REMARKS - CHAIR EVANS

Chair Evans welcomed all to the meeting and hoped that everyone enjoyed their Labor Day weekend.

#### 5. APPROVAL OF MINUTES

#### 5.A. **24-2358**

Judicial and Public Safety Committee - Regular Meeting Minutes - Tuesday, August 20, 2024.

The motion was approved on a voice vote, all "ayes".

RESULT: APPROVED

MOVER: Greg Schwarze

SECONDER: Michael Childress

#### 6. RESOLUTIONS

#### 6.A. **FI-R-0150-24**

Acceptance and appropriation of the Illinois Court Commission on Access to Justice Grant PY25, Company 5000 - Accounting Unit 5925, \$3,000. (18th Judicial Circuit Court)

The motion was approved on a voice vote, all "ayes".

**RESULT:** APPROVED AND SENT TO FINANCE

MOVER: Jim Zay
SECONDER: Mary Ozog

#### 6.B. **FI-O-0004-24**

Determining the Compensation of the DuPage County Public Defender.

The motion was approved on a voice vote, all "ayes".

**RESULT:** APPROVED AND SENT TO FINANCE

MOVER: Mary Ozog SECONDER: Liz Chaplin

#### 7. BUDGET TRANSFERS

#### 7.A. **24-2359**

Transfer of funds from account no. 1000-1180-53828 (Contingencies) to account no. 1000-4401-53090 (Other Professional Services) in the amount of \$791,604. It is necessary to transfer funds from General Fund Special Accounts to Radio Dispatch to cover the one-time DuComm administrative fee of \$732,602 and the DuComm first year facility fee of \$59,002, for a total of \$791,604 for both expenses. (Sheriff's Office)

The motion was approved on a voice vote, all "ayes".

RESULT: APPROVED

MOVER: Jim Zay

SECONDER: Liz Chaplin

#### 8. BUDGET PRESENTATIONS

#### 8.A. DuPage County Coroner's Office - Richard Jorgensen, M.D.

Dr. Richard Jorgensen, the DuPage County Coroner, presented his office's FY2025 budget to the Committee. He began by stating that they have had successful renegotiation of their union contract that allowed for staff salary increases. His budget reflects very few changes from the previous year's requests. Questions and comments were brought forward by Members Zay,

DeSart, Ozog, Krajewski and Chaplin. Topics raised included the condition of their building, equipment and fleet of vehicles, staffing, need for overtime, salaries and increases in professional services. Dr. Jorgensen responded that both the infrastructure and his agency's vehicles are in good condition. He went on to state that his office is adequately staffed at the present time. Earlier this year, however, he did experience a few staff absences due to medical reasons and retirement which necessitated a temporary increase in overtime. Dr. Jorgensen then informed the Committee that he was among one of the first coroners in the State of Illinois to add a chaplain/psychologist to his team. This individual has been providing grief counseling both in-house and to grieving family members of the deceased for several years. Dr. Jorgensen considers the chaplain a valuable staff member and has increased his salary due to the ongoing demand for his services. In conclusion, Dr. Jorgensen explained the reason for the increase in professional services. Chair Evans and members of the Committee thanked Dr. Jorgensen for presenting his budget requests today.

#### 8.B. DuPage County Sheriff's Office - Sheriff James Mendrick

Presenting the Sheriff's Office FY2025 budget were Sheriff James Mendrick and Deputy Chief Dan Bilodeau. Sheriff Mendrick began by providing a brief overview of the reasons for some of the requested increases for next year. Despite an increase in the workload, his office is continuing to operate with staff shortages which results in challenges as well as the need for overtime. He acknowledged the efforts of his staff for ensuring that his office runs efficiently even with a reduced workforce. He also mentioned that multiple collective bargaining agreements will be negotiated over the coming months that may initiate increases in salaries and other benefits. In addition, the Supervisor of the Corrections Bureau and Court Security have created their own Collective Bargaining Unit which Sheriff Mendrick will be involved with. At this time, Deputy Chief Bilodeau continued on with the presentation. This included slides which reflected their requested needs and related costs which he explained as he went along.

Questions and comments were brought forward by several Committee members to which Sheriff Mendrick and Deputy Chief Bilodeau responded. Topics discussed consisted of headcount, salaries, relationship with IT Department, IT-related costs, food and medical services for inmates, costs related to transition from ACDC to DuComm, addition of K9s, contingencies, MERIT Commission and the recruitment process, take-home squad cars and anticipated future needs. Member Gustin extended her thanks to them for bringing their new wrapped vehicle which honors all branches of the military to a recent parade in Naperville. She said that many children in attendance at the parade were excited to see it. Member DeSart inquired how the DuPage County Sheriff's Office salaries compare with those of the collar counties. She then requested that the Sheriff's Office provide the Committee with a spreadsheet that reflects the salaries of their staff in comparison to those employed in the collar counties.

In conclusion, Chair Evans thanked Sheriff Mendrick and Deputy Chief Bilodeau for presenting today. Sheriff Mendrick closed by thanking the Committee for their ongoing support of his office and of law enforcement and is looking forward to working with them in 2025.

#### 9. **OLD BUSINESS**

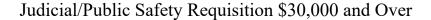
No old business was offered.

#### 10. NEW BUSINESS

No new business was offered.

#### 11. ADJOURNMENT

With no further business, Member Schwarze moved, seconded by Member Zay to adjourn the meeting at 8:46 AM. The next meeting is scheduled for Tuesday, September 17, 2024 at 8:00 AM.





421 N. COUNTY FARM ROAD WHEATON, IL 60187 www.dupagecounty.gov

File #: JPS-P-0025-24 Agenda Date: 9/17/2024 Agenda #: 6.A.

# AWARDING RESOLUTION ISSUED TO TOWER DIRECT FOR AN ANTENNA HUT/CONCRETE SHELTER FOR THE SHERIFF'S OFFICE (CONTRACT TOTAL AMOUNT \$59,750)

WHEREAS, proposals have been taken and evaluated in accordance with County Board policy; and

WHEREAS, the Judicial and Public Safety Committee recommends County Board approval for the issuance of a contract to Tower Direct, for an antenna hut/concrete shelter, for the period of September 24, 2024 through September 23, 2025, for the Sheriff's Office.

NOW, THEREFORE BE IT RESOLVED, that said contract is for an antenna hut/concrete shelter, for the period of September 24, 2024 through September 23, 2025, for the Sheriff's Office, per Quote # 426280, be, and it is hereby approved for the issuance of a contract purchase order by the Procurement Division to Tower Direct, 1616 W. Singing Woods Road, Edelstein, IL 61526, for a contract total amount of \$59,750.

Enacted and approved this 24th day of September, 2024 at Wheaton, Illinois.

|         | DEBORAH A. CONROY, CHAIR     |
|---------|------------------------------|
|         | DU PAGE COUNTY BOARD         |
|         |                              |
|         |                              |
| Attest: |                              |
|         | JEAN KACZMAREK, COUNTY CLERK |



# Procurement Review Comprehensive Checklist Procurement Services Division

This form must accompany all Purchase Order Requisitions

| SECTION 1: DESCRIPTION                      |   |   |   |  |  |  |
|---|---|---|---|--|--|--|
| General Tracking                            |   | Contract Terms  |   |  |  |  |
| FILE ID#:<br>JPS-P-0025-24                  | RFP, BID, QUOTE OR RENEWAL #: 426280    | INITIAL TERM WITH RENEWALS: INITIAL TERM TOTAL COST: \$59,750.00                |   |  |  |  |
| COMMITTEE: JUDICIAL AND PUBLIC SAFETY       | TARGET COMMITTEE DATE:<br>09/17/2024    | PROMPT FOR RENEWAL:   | CONTRACT TOTAL COST WITH ALL RENEWALS:  CURRENT TERM PERIOD: INITIAL TERM |  |  |  |
|   | CURRENT TERM TOTAL COST:<br>\$59,750.00 | MAX LENGTH WITH ALL RENEWALS:   |   |  |  |  |
| Vendor Information                          |   | Department Information  |   |  |  |  |
| VENDOR:<br>Tower Direct                     | VENDOR #:                               | DEPT: DEPT CONTACT NAME: Sheriff's Office Jason Snow                            |   |  |  |  |
| VENDOR CONTACT:<br>Oak Lemmerman            | VENDOR CONTACT PHONE:<br>309 370-9212   | DEPT CONTACT PHONE #: DEPT CONTACT EMAIL: 630-407-2072 jason.snow@dupagesheriff |   |  |  |  |
| VENDOR CONTACT EMAIL: sales@towerdirect.net | VENDOR WEBSITE:                         | DEPT REQ #:   | 1   |  |  |  |

#### Overview

DESCRIPTION Identify scope of work, item(s) being purchased, total cost and type of procurement (i.e., lowest bid, RFP, renewal, sole source, etc.). This is to replace the damaged antenna hut at the Hidden Lake Antenna. This is a refurbished hut.

JUSTIFICATION Summarize why this procurement is necessary and what objectives will be accomplished

This antenna services DuPage Sheriff, Forest Preserve, and DuCOMM. The hut has damage to the floor and wall that makes it unsafe for anyone to be in, and it is also letting in outside elements that could damage the equipment.

| SECTION 2: DECISION MEMO REQUIREMENTS        |  |  |  |  |
|--|--|--|--|--|
| DECISION MEMO NOT REQUIRED                   | Select an item from the following dropdown menu to identify why a Decision Memo (Section 3) is not required. |  |  |  |
| DECISION MEMO REQUIRED OTHER THAN LOWEST BID | Select an item from the following dropdown menu to identify why a Decision Memo (Section 3) is required.     |  |  |  |

|                              | SECTION 3: DECISION MEMO   |  |  |  |  |  |
|------------------------------|--|--|--|--|--|--|
| SOURCE SELECTION             | Describe method used to select source.   |  |  |  |  |  |
|                              | We went with used / refurbished unit.  |  |  |  |  |  |
| RECOMMENDATION<br>AND<br>TWO | Describe staff recommendation and provide justification. Identify at least 2 other options to accomplish this request, including status quo, (i.e., take no action).  Staff recommends purchase of refurbished unit as a cost effective measure. |  |  |  |  |  |
| ALTERNATIVES                 | Buy new, which would be costly.  Take no action and not have the needed infrastructure to support the radio antenna.   |  |  |  |  |  |

Form under revision control 05/17/2024

|                               | SECTION 4: SOLE SOURCE MEMO/JUSTIFICATION   |  |  |  |  |  |
|-------------------------------|---|--|--|--|--|--|
| JUSTIFICATION                 | Select an item from the following dropdown menu to justify why this is a sole source procurement.   |  |  |  |  |  |
| NECESSITY AND UNIQUE FEATURES | Describe the product or services that are not available from other vendors. Explain necessary and unique features or services. Attach letters from manufacturer, letters from distributor, warranties, licenses, or patents as needed. Be specific. |  |  |  |  |  |
| MARKET TESTING                | List and describe the last time the market has been tested on the applicability of the sole source. If it has not been tested over the last 12 months, explain why not.   |  |  |  |  |  |
| AVAILABILITY                  | Describe steps taken to verify that these features are not available elsewhere. Included a detailed list of all products or services by brand/manufacturer examined and include names, phone numbers, and emails of people contacted.               |  |  |  |  |  |

|                                      | SECTION 5: Purcha               | ase Requisition Information                 | on  |  |
|--------------------------------------|---------------------------------|---|---|--|
| Send Pu                              | rchase Order To:                | Send I                                      | Invoices To:                                |  |
| Vendor:<br>Tower Direct              | Vendor#:                        | Dept:<br>DuPage County Sheriff's Office     | Division:<br>Civil                          |  |
| Attn:<br>Oak Lemmerman               | Email:<br>sales@towerdirect.net | Attn:<br>Colleen Zbilski                    | Email:<br>colleen.zbilski@dupagesheriff.org |  |
| Address:<br>1616 W. Singing Woods Rd | City:<br>Edelstein              | Address:<br>501 N County Farm RD            | City:<br>Wheaton                            |  |
| State:<br>IL                         | Zip:<br>61526                   | State:                                      | Zip:<br>60187                               |  |
| Phone:<br>(309) 370-9212             | Fax:                            | Phone: Fax: 630-407-2122                    |   |  |
| Send                                 | Payments To:                    | Ship to:                                    |   |  |
| Vendor:<br>Tower Direct              | Vendor#:                        | Dept:<br>DuPage County Sheriff's Office     | Division:                                   |  |
| Attn:<br>Oak Lemmerman               | Email:<br>sales@towerdirect.net | Attn:<br>Jason Snow                         | Email:<br>jason.snow@dupagesheriff.org      |  |
| Address:<br>1616 W. Singing Woods Rd | City:<br>Edelstein              | Address:<br>501 N County Farm RD            | City:<br>Wheaton                            |  |
| State:                               | Zip:<br>61526                   | State: Zip: 60187                           |   |  |
| Phone: Fax: (309) 370-9212           |                                 | Phone: Fax: 630-407-2072                    |   |  |
|                                      | Shipping                        | Cont  | ract Dates                                  |  |
| Payment Terms:<br>PER 50 ILCS 505/1  | FOB:<br>Destination             | Contract Start Date (PO25):<br>Sep 24, 2024 | Contract End Date (PO25):<br>Sep 23, 2025   |  |

Form under revision control 05/17/2024

| Purchase Requisition Line Details                                    |     |     |                            |   |      |         |              |           |                             |            |           |
|--|-----|-----|----------------------------|---|------|---------|--------------|-----------|-----------------------------|------------|-----------|
| LN   | Qty | UOM | Item Detail<br>(Product #) | Description   | FY   | Company | AU           | Acct Code | Sub-Accts/<br>Activity Code | Unit Price | Extension |
| 1  | 1   | EA  |                            | RELOCATING, COMPLETE<br>REFURB, AND LOADING USED<br>8×12 FIBREBOND CONCRETE<br>SHELTER, SERIAL<br>#PCS233W0488, DOM 6/13/97 | FY24 | 1000    | 4401         | 54020     |                             | 57,500.00  | 57,500.00 |
| 2  | 1   | EA  |                            | Shipping  | FY24 | 1000    | 4401         | 54040     |                             | 2,250.00   | 2,250.00  |
| FY is required, ensure the correct FY is selected. Requisition Total |     |     |                            |   |      |         | \$ 59,750.00 |           |                             |            |           |

|                      | Comments   |  |  |  |  |  |  |
|----------------------|--|--|--|--|--|--|--|
| HEADER COMMENTS      | IEADER COMMENTS Provide comments for P020 and P025.  |  |  |  |  |  |  |
| SPECIAL INSTRUCTIONS | Provide comments for Buyer or Approver (not for P020 and P025). Comments will not appear on PO.            |  |  |  |  |  |  |
| INTERNAL NOTES       | Provide comments for department internal use (not for P020 and P025). Comments will not appear on PO.      |  |  |  |  |  |  |
| APPROVALS            | Department Head signature approval for procurements under \$15,000. Procurement Officer Approval for ETSB. |  |  |  |  |  |  |

Form under revision control 05/17/2024

# **QUOTE**



1616 W. Singing Woods Rd Edelstein, IL 61526 (309) 370-9212

sales@towerdirect.net

TO: Dupage County Attn: Mark Thomas 630-407-8280

mark.thomas@dupagecounty.gove

PO # QUOTE # 426280

DATE: August 26, 2024

**DELIVERY:** TBD

| REP | SHIPPING | FOB | DUE DATE | PAYMENT TERMS                        |  |
|-----|----------|-----|----------|--------------------------------------|--|
| OL  | TBD      | TBD | TBD      | 100% NET DUE UPON RECEIPT OF INVOICE |  |

| QUANTITY       | REF           | DESCRIPTION   | UNIT PRICE   | LINE TOTAL   |
|----------------|---------------|---|--------------|--------------|
| 1              | 0488          | RELOCATING, COMPLETE REFURB, AND LOADING USED<br>8x12 FIBREBOND CONCRETE SHELTER, SERIAL<br>#PCS233W0488, DOM 6/13/97 | \$ 57,500.00 | \$ 57,500.00 |
|                |               |   |              |              |
|                |               |   |              |              |
|                |               |   |              |              |
|                |               |   |              |              |
|                |               |   |              |              |
| Price includes | key OR key co | de, shelter clean-up, comiplete refurbish (TPO roof, painting   | CLIDTOTAL    | ¢ 57 500 00  |

Price includes key OR key code, shelter clean-up, comlplete refurbish (TPO roof, painting whole outside of shelter 2-tone, new inside floor, wall, and ceiling plywood, new wall and celiling paneling, new floor, new door, new lock, new electrical, new lighting and outlets, new ladder racking, new electrical 200 amp panel, new 3-TON HVAC units, new HVAC controller, lifting brackets, loading, and transport. Dupage County will be responsible for offloading and any applicable sales tax. From when payment is received, Dupage County has 6 free months free storage, but after that, there will be a \$350.00 per month charge. If for some reason you cancel the order after 2 weeks post order, there is a 20% fee of the overall invoice. Dupage County agrees to these terms by issuing a PO and/or Payment. If you have any questions, please contact your rep.

SUBTOTAL \$ 57,500.00 SHIPPING \$ 2,250.00 TOTAL \$ 59,750.00

THANKS FOR THE OPPORTUNITY TO EARN YOUR BUSINESS!

# HIDDEN LAKES EQUIPMENT SHED REPLACEMENT

**DuPage County** 

Wheaton, Illinois

99% DESIGN DEVELOPMENT



CIVIL

C0.000 SURVEY

**ARCHITECTURAL** 

A1.101 EQUIPMENT SHED DEMOLITION AND NEW WORK PLAN

**ELECTRICAL** 

GENERAL ELECTRICAL SYMBOLS
GENERAL ELECTRICAL NOTES
GENERAL ELECTRICAL DETAILS
GENERAL ELECTRICAL NOTES

HIDDEN LAKES
EQUIPMENT SHED
REPLACEMENT

Downers Grove, Illinois 60515

99 /0 DEGIGIN DEVELOT MEIN

**DuPage County** 421 N County Farm Road Wheaton, Illinois



WOLD ARCHITECTS
AND ENGINEERS

220 North Smith Street, Suite 310
Palatine, Illinois 60067

woldae.com | 847 241 6100

TLC ENGINEERING
SOLUTION \$
1301 W. 22nd St, Suite 210
Oak Brook, IL 60523
P 630.472.0918
6246-526-3
www.tlc-engineers.com
TLC No:
THINK. LISTEN. CREATE.

SITE BENCHMARK: CUT CROSS, NORTHEAST CORNER OF NORTHERLY MOST CONCRETE PAD FOR RADIO TOWER SUPPORT. PAD ELEV: 750.77 3'x3' CONC. PATIO BLOCKS (TYP.) LEGEND BARRIER CURB **→** PAD ELEV: 750.65 -2'x2' CONC. PATIO BLOCKS (TYP.) \_\_\_\_T\_\_\_ CATCH BASIN INLET VALVE VAULT FLARED END SECTION VALVE & BOX BUFFALO BOX 6' CHAINDINK FENCE - GENERATOR ON CONCRETE PAD PAD ELEV: 750.04 HANDHOLE PED. -0-POWER POLE ELEVATION + xxx.x ---xxx---WOLD ARCHITECTS AND ENGINEERS 220 NORTH SMITH STREET, SUITE 310 PALATINE, ILLINOIS 60067 SCALE: 1"=5" DuPAGE COUNTY ENGINEERING WARRENVILLE, ILLINOIS 60555 WARRENVILLE, ILLINOIS 60555 PHONE (630) 393-3060 FAX (630) 393-2152 10 S. RIVERSIDE PLAZA , SUITE 875 CHICAGO, ILLINOIS 60606 PHONE (312) 474-7841 PHONE (217) 351-6268 FAX (217) 355-1902 DESCRIPTION DESCRIPTION DATE: MOVEMBER, 20 HIDDEN LAKES RADIO TOWER JOB NO: W23282 EXISTING CONDITIONS PLAN

APPROVED BY: M.M.

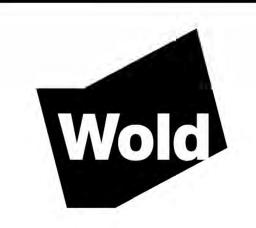
\_\_ 1 2 ... 7

# **HIDDEN LAKES EQUIPMENT SHED** REPLACEMENT

Downers Grove, Illinois 60515

99% DESIGN DEVELOPMENT

**DuPage County** 421 N County Farm Road Wheaton, Illinois



**WOLD ARCHITECTS** AND ENGINEERS 220 North Smith Street, Suite 310 Palatine, Illinois 60067

woldae.com | 847 241 6100

1301 W. 22nd St, Suite 210 Oak Brook, IL 60523 P 630.472.0918 6246-526-3 www.tlc-engineers.com TLC No: THINK. LISTEN. CREATE.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed ARCHITECT under the laws of the State of ILLINOIS

MATT BICKEL
License Number: Arch Num Date 12/2023

Date: 12/2023

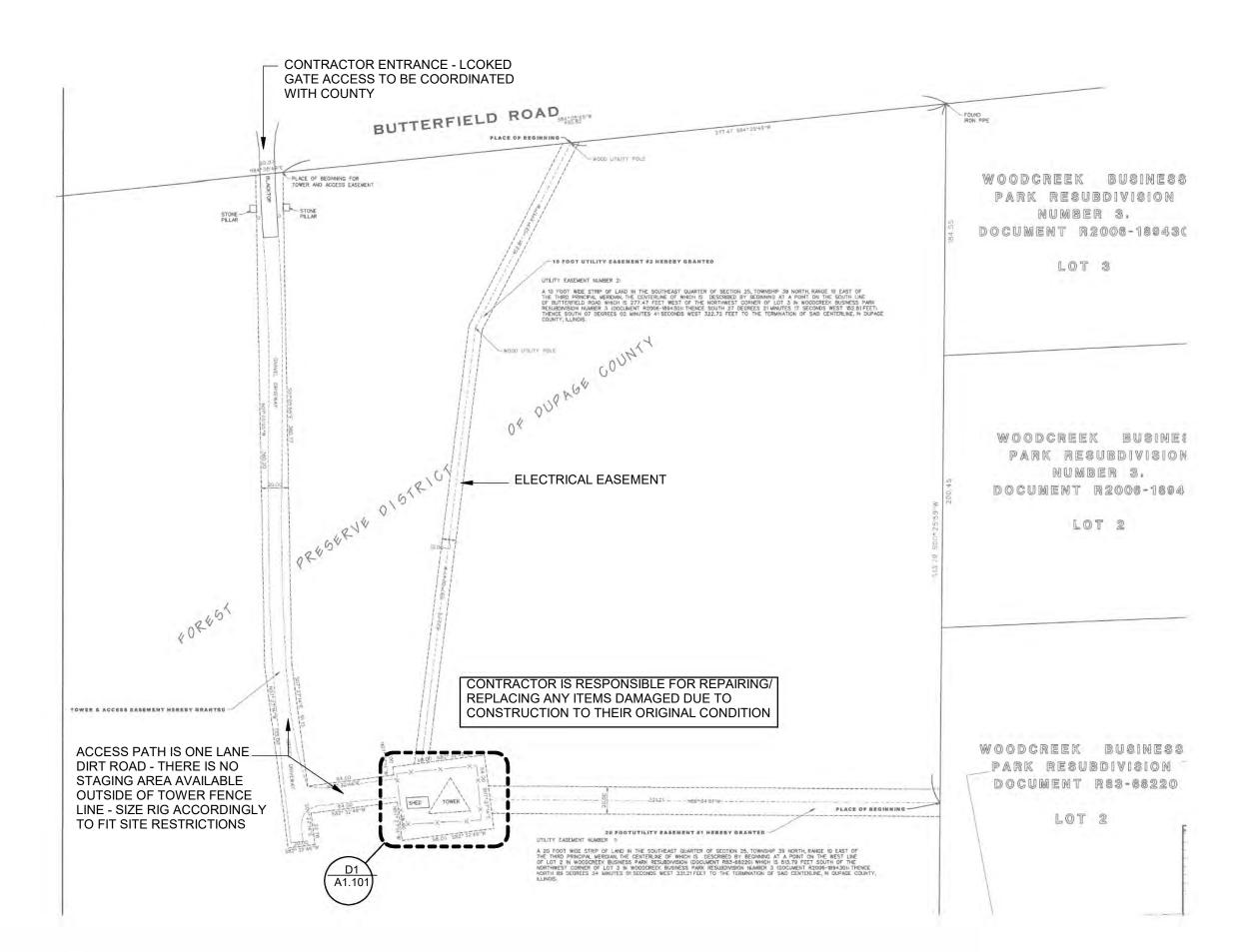
SHEET 1 OF 1

**SURVEY** 

- 4

EQUIPMENT SHED DEMOLITION AND NEW WORK PLAN

2



SITE ACCESS PLAN
NOT TO SCALE

A

## PLAN GENERAL NOTES

7

- CONSTRUCTION ACCESS TO AND FROM THE PROJECT SITE SHALL BE LIMITED TO ONE CONNECTION AS DIRECTED BY THE COUNTY.
- 2. THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.
- 3. EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE EXACT LOCATION AND ELEVATION FROM THE OWNERS OF THE UTILITIES. CONTRACTOR TO LOCATE ALL PRIVATE AND PUBLIC UTILITIES PRIOR TO BEGINNING ANY WORK.
- 4. ANY DAMAGE CAUSED BY THE CONTRACTOR TO ADJACENT PROPERTY AND STRUCTURES SHALL BE REPAIRED OR REPLACED AT THEIR EXPENSE AND TO
- THE SATISFACTION OF THE OWNER.

  5. THE LOCATIONS AND EXTENTS OF AREAS USED FOR CONSTRUCTION STAGING PURPOSES AS EQUIPMENT PARKING AND MATERIAL STORAGE AREAS ARE
- SUBJECT TO APPROVAL OF THE COUNTY.

  6. ALL DISTURBED AREAS TO BE REPLACED TO MATCH ORIGINAL GRADES.
- 7. EXISTINGL SHELTER TO REMAIN IN PLACE AND FUNCTIONAL UNTIL NEW SHELTER IS INSTALLED AND READY FOR SWITCHOVER AND TO BE BROUGHT ONLINE. CONTRACTOR MUST PROVIDE THE COUNTY 72 HOURS NOTICE PRIOR TO SHUT DOWN OF THE EXISTING SHELTER.
- 8. CONTRACTOR TO PROVIDE CERTIFICATES OF INSURANCE TO THE DUPAGE COUNTY FOREST PRESERVE FOR ANY/ALL CONTRACTORS WORKING ON
- THE SITE.

  9. REFURBISHED CONCRETE SHELTER TO MEET TECHNICAL/SYSTEMS REQUIREMENTS OF BASE BID FIBERGLASS SHELTER AND TO BE PROCURED THROUGH TOWER WORKS (630) 557-2221 FOR ALTERNATES #2 AND #3
- 10. NOT USED

# PLAN DEMOLITION AND NEW WORK KEY NOTES:

- 1 REMOVE/DECOMMISSION EXISTING EQUIPMENT SHED SEE ELECTRICAL
- 2 REMOVE PATIO BLOCKS AT EXISTING EQUIPMENT
- PROVIDE NEW CONCRETE PAD AT LOCATION OF NEW EQUIPMENT SHED SEE DETAIL F6/A1.101
- PROTECT EXISTING RADIO TOWER CONCRETE
  PADS/FOUNDATIONS TO REMAIN. CONTRACTOR
  RESPONSIBLE FOR SHORING AS REQUIRED FOR NEW
  WORK
- 5 PROTECT EXISTING FENCING TO REMAIN INCLUDING ALL GATES, LOCKS, FOUNDATIONS, ETC
- 6 PROTECT EXISTING GENERATOR AND PROPANE TANK TO REMAIN. REFER TO ELECTRICAL FOR CONNECTION TO NEW SHEET. TRENCH PATRAGE.
- NEW SHED AND FILL TO MEET EXISTING GRADES.

  7 LINE OF TOWER STRUCTURE ABOVE. LOCATION OF SHELTER TO BE SITED OUTSIDE OF STRUCTURE
- NEW FIBERGLASS SHELTER WITH ICE CANOPY LOCATED EAST OF EXISTING TOWER (BASE BID), NEW FIBERGLASS SHELTER WITH ICE CANOPY LOCATED WEST OF EXISTING TOWER (ALTERNATE #1), REFURBISHED CONCRETE SHELTER LOCATED EAST OF TOWER (ALTERNATE #2), REFURBISHED CONCRETE SHELTER LOCATED WEST OF TOWER (ALTERNATE #3).

### \*NOTE: CONTRACTOR TO VERIFY REQUIRED DIMENSIONS OF EQUIPMENT PAD WITH SHED MANF/INSTALLER. FOLLOW ALL SHED MANF RECOMMENDATIONS FOR PAD SIZES, LOCATE EDGE OF EQUIP SHED AND = REINFORCING AND INSTALLATION ICE CANOPY PER MANF INSTALLATION \_\_CONCRETE EQUIPMENT PAD RECOMMENDATIONS \_\_RADIUS EDGE, TYPICAL \_CONTINUOUS #5 REBAR AT 12" O.C. MAX, EACH WAY REBAR CLEARANCES TO BE 3" FROM ALL EDGES \_\_PROVIDE POSITIVE DRAINAGE FROM TOP OF PAD EXISTING SUBGRADE COMPACTED TO 95% PROCTOR DENSITY (REMOVE ANY UNSUITABLE SUBGRADE AND REPLACE WITH SUITABLE MATERIAL) TOP COMPACTED EARTH WITH 6" CA-6

BASE COURSE

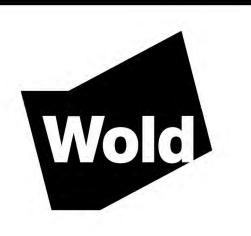
6 EQUIPMENT SHED CONCRETE PAD

# HIDDEN LAKES EQUIPMENT SHED REPLACEMENT

Downers Grove, Illinois 60515

99% DESIGN DEVELOPMENT

**DuPage County** 421 N County Farm Road Wheaton, Illinois



WOLD ARCHITECTS AND ENGINEERS 220 North Smith Street, Suite 310 Palatine, Illinois 60067

woldae.com | 847 241 6100

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed

ARCHITECT

under the laws of the State of ILLINOIS

MATT BICKEL
License Number: Arch Num Date 12/2023

Revisions

Description Date Num

Comm: 223018
Date: 12/2023

EQUIPMENT SHED DEMOLITION AND NEW WORK PLAN

Scale: **As indicated** 

Check: KE

A1.101

**BASIC MATERIALS** 

**VOICE AND DATA RACEWAY SYSTEM** 

TELEVISION RACEWAY DISTRIBUTION SYSTEM

**ELECTRICAL SYMBOL LEGEND** 

FIRE ALARM / DETECTION SYSTEM

**HIDDEN LAKES EQUIPMENT SHED** REPLACEMENT

Downers Grove, Illinois 60515

**DuPage County** 421 N County Farm Road Wheaton, Illinois

**GENERAL NOTES** 

**ABBREVIATIONS (CONT.)** 



**WOLD ARCHITECTS** AND ENGINEERS 220 North Smith Street, Suite 310 Palatine, Illinois 60067

woldae.com | 847 241 6100

ENGINEERING 1301 W. 22nd St. Suite 210 Oak Brook, IL 60523 6246-526-3 P 630.472.0918 ww.tlc-engineers.com TLC No: THINK, LISTEN, CREATE

|    |                              | Description |
|----|------------------------------|-------------|
| E  | LECTRICAL DRAWING INDEX      |             |
| ΞT | DESCRIPTION                  |             |
| 01 | GENERAL ELECTRICAL SYMBOLS   | <u>-</u>    |
| 02 | GENERAL ELECTRICAL NOTES     |             |
| 03 | GENERAL ELECTRICAL DETAILS   |             |
| 01 | EQUIPMENT SHED POWER PLANS   |             |
| 01 | ONE-LINE DIAGRAM AND DETAILS |             |
|    | *                            |             |
|    |                              |             |

**GENERAL** 

Date: 12/15/2023

**ELECTRICAL SYMBOLS** 

hereby certify that this plan, specification or report was prepared by

PROFESSIONAL ENGINEER

Elec Name

License Number: Elec Num Date 12/2023

me or under my direct supervision and that I am a duly Licensed

under the laws of the State of ILLINOIS

## THE DRAWINGS AND APPLICABLE SPECIFICATIONS SHALL BE CONSIDERED SUPPLEMENTARY, ONE TO THE OTHER AND ARE CONSIDERED THE "CONTRACT DOCUMENTS". ALL WORKMANSHIP, METHODS AND/OR MATERIALS DESCRIBED OR IMPLIED BY ONE AND NOT DESCRIBED OR IMPLIED BY THE OTHER SHALL BE PROVIDED, FURNISHED OR PERFORMED AS IF IT HAD APPEARED IN BOTH SECTIONS. THE TERM "CONTRACT DOCUMENTS" DESCRIBED HEREIN IS NOT LIMITED SOLELY TO THE ELECTRICAL PORTION OF THE DRAWINGS AND SPECIFICATIONS. BUT ENCOMPASSES THE DRAWINGS AND SPECIFICATIONS OF ALL DIVISIONS AS A WHOLE. PROVIDE AN OPERATING AND MAINTENANCE MANUAL TO OWNER PRIOR TO THE FINAL ACCEPTANCE. THE MANUAL SHALL INCLUDE, AS A MINIMUM, (1) SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. ALSO PROVIDE TWO OPERATIONS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS AND METHOD OF OPERATION FOR EQUIPMENT SHALL BE CLEARLY IDENTIFIED, AND THE NAME, PHONE NUMBER AND ADDRESS OF AT LEAST ONE QUALIFIED INCLUDE ALL COSTS FOR EXCAVATION, SAW CUTTING, DIRECTIONAL BORING, CORE DRILLING, BACKFILLING, SURFACE RESTORATION, REPAIR OF FINISHES, ETC. THAT IS REQUIRED IN ORDER TO MEET THE PROJECT INCLUDE IN BID THE TRANSPORT AND DISPOSAL OR RECYLING OF ALL WASTE MATERIALS GENERATED BY THIS PROJECT IN ACCORDANCE WITH ALL LOCAL. STATE AND FEDERAL RULES. REGULATIONS AND GUIDELINES APPLICABLE, COMPLY FULLY WITH STATE STATUTES REGARDING MERCURY-CONTAINING DEVICES, AND WITH ALL DEP AND EPA APPLICABLE GUIDELINES AT THE TIME OF DISPOSAL. PROVIDE OWNER WITH WRITTEN CERTIFICATION OF ACCEPTED DISPOSAL. VERIFY AND COORDINATE LOCATIONS OF ANY MISCELLANEOUS EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS (I.E. COPIERS, FAX MACHINES, PRINTERS, KITCHEN APPLIANCES, LAUNDRY APPLIANCES, PROJECTION SCREENS, SHOP TOOLS, MACHINE, ELEVATORS, ETC.) WITH APPROVED SHOP DRAWINGS, OWNER-PROVIDED CUT SHEETS, MANUFACTURER'S INSTRUCTIONS, AND EQUIPMENT NAMEPLATE INFORMATION, PRIOR TO ROUGH IN, AND PROVIDE ALL NECESSARY ELECTRICAL REQUIRED. VERIFY AND COORDINATE LOCATIONS AND EXACT ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL, PLUMBING AND FIRE PROTECTION EQUIPMENT PRIOR TO SUBMITTAL OF SHOP DRAWINGS OF ELECTRICAL EQUIPMENT, PROVIDE ALL NECESSARY RACEWAYS, CONDUCTORS, BOXES, EQUIPMENT, ACCESSORIES, ASSOCIATED DISCONNECT SWITCHES, CIRCUIT BREAKERS, CONTROL TRANSFORMERS, FIRE ALARM SHUTDOWN, ETC. REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. COORDINATE WITH APPROPRIATE TRADE'S APPROVED SHOP DRAWINGS, MANUFACTURER'S INSTRUCTIONS, AND EQUIPMENT NAMEPLATE INFORMATION, PRIOR TO ROUGH IN, AND PROVIDE ALL NECESSARY ELECTRICAL REQUIRED, UNLESS THIS PROJECT REQUIRES COORDINATION DRAWINGS BY THE CONTRACTOR. PARTICIPATE IN THE COORDINATION DRAWING PREPARATION PROCESS AND PROVIDE ALL NECESSARY INFORMATION REQUIRED TO COORDINATE ALL TRADE INFORMATION ALL WORK ON THE ELECTRICAL SYSTEM REQUIRED BY THE CONTRACT DOCUMENTS SHALL BE COORDINATED WITH THE WORK OF ALL OTHER DIVISIONS/TRADES PRIOR TO COMMENCEMENT OF WORK. AVOID INTERFERENCES WITH THE PROGRESS OF OTHER DIVISIONS/TRADES. LOCATIONS OF VFD'S, DISCONNECTS, MOTOR STARTERS, ETC. FOR HVAC EQUIPMENT ARE DIAGRAMMATIC ON THE PLAN DRAWINGS. EXACT LOCATIONS ARE TO BE COORDINATED WITH CONTRACTOR'S COORDINATION DRAWINGS PRIOR TO ROUGHING IN TO ENSURE PROPER NEC CLEARANCES AND APPROPRIATE MOUNTING SURFACE. COORDINATE RECEPTACLE LOCATIONS WITH TECHNOLOGY DRAWINGS OR OWNER'S VENDOR DRAWINGS SO THAT A 120V 20A 5-20R RECEPTACLE IS LOCATED ADJACENT TO EACH VOICE/DATA OUTLET AND TV OUTLET INDICATED ON PLANS. RECEPTACLE IS TO BE CONNECTED TO NEAREST 120V RECEPTACLE CIRCUIT, UNLESS OTHERWISE NOTED ON PLANS. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND INTERIOR DESIGN DRAWINGS FOR RELATED INFORMATION AND ADDITIONAL INSTALLATION REQUIREMENTS TO BE PERFORMED AS PART OF THE WORK. WHERE A DISCREPANCY OR CONFLICT IS FOUND BETWEEN ONE DRAWING AND ANOTHER, OR BETWEEN A DRAWING AND APPLICABLE SPECIFICATIONS, NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY IN WRITTEN FORM. IN GENERAL, THE MOST STRINGENT REQUIREMENT SHALL GOVERN UNLESS THE DISCREPANCY CONFLICTS WITH APPLICABLE CODES OR OWNER'S DESIGN STANDARDS, WHEREIN THE CODE OR OWNER'S DESIGN STANDARDS SHALL GOVERN. CAREFULLY EXAMINE THOSE PORTIONS OF THE BUILDING AND/OR SITE AFFECTED BY THIS WORK PRIOR TO SUBMITTAL BID PRICE, SO AS TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT MAY AFFECT EXECUTION OF LATER CLAIMS FOR LABOR, EQUIPMENT AND/OR MATERIALS REQUIRED DUE TO DIFFICULTIES ENCOUNTERED THAT COULD HAVE BEEN REASONABLY OBSERVED WILL NOT BE RECOGNIZED. COORDINATE ALL PROJECT SCHEDULING AND PHASING REQUIREMENTS WITH ARCHITECT/ENGINEER AND OWNER PRIOR TO SUBMITTING BID PRICE. THIS PROJECT MAY REQUIRE PHASING SEQUENCES AND POTENTIAL PREMIUM TIME WORK AND ALL COSTS FOR SUCH SHALL BE INCLUDED IN THE BID PRICE. PROVIDE ADEQUATE WORK FORCE AND EQUIPMENT, AND INCLUDE PREMIUM TIME AS MAY BE REQUIRED IN ORDER TO ADHERE TO THE PROJECT SCHEDULE. ADDITIONALLY, ENSURE THAT LONG LEAD ITEMS DO NOT IMPACT THE PROJECT'S SCHEDULE OR COORDINATE THE LOCATION OF ALL LIGHT FIXTURES. DEVICES AND BOXES WITH WINDOWS. MIRRORS. MILLWORK. CABINETS, GLASS CURTAIN WALLS, AND GLASS WALLS PRIOR TO INSTALLATION OF CONDUITS OR BOXES. REVIEW ALL CONTRACT DRAWINGS TO ASCERTAIN ANY CONFLICTS PRIOR TO BIDDING. OBTAIN CLARIFICATION FROM A/E PRIOR TO BID. CONTRACTOR SHALL NOT BE ENTITLED TO ADDITIONAL COMPENSATION FOR WORK REQUIRED TO RELOCATE OUTLET BOXES OR RACEWAYS FOR COORDINATION WITH OTHER TRADE'S WORK. ELECTRICAL EQUIPMENT: TERMINATION PROVISIONS FOR ALL ELECTRICAL EQUIPMENT (PANELBOARDS, SWITCHBOARD, TRANSFORMERS, DISCONNECT SWITCHES, MOTOR CONTROLLERS, AUTOMATIC TRANSFER SWITCHES, ENCLOSED CIRCUIT BREAKERS. WIREWAYS, ETC.) SHALL BE LISTED AND IDENTIFIED FOR USE WITH MINIMUM 75 DEG. F CONDUCTORS IN ACCORDANCE WITH WORKING CLEARANCES FOR ELECTRICAL EQUIPMENT SHALL BE IN COMPLIANCE WITH NEC. THE EXCLUSIVELY DEDICATED SPACE EXTENDING FROM FLOOR TO 6' ABOVE EQUIPMENT OR STRUCTURAL CEILING. WHICHEVER DISTANCE IS LOWER, WITH A WIDTH AND DEPTH OF THE PANELBOARD OR SWITCHBOARD MUST BE CLEAR OF ALL PIPING, DUCTS, EQUIPMENT FOREIGN TO THE ELECTRICAL EQUIPMENT OR ARCHITECTURAL APPURTENANCES IN ACCORDANCE WITH NEC.

PROVIDE HACR RATED CIRCUIT BREAKER FOR ALL HVAC EQUIPMENT. PROVIDE TYPED PANEL DIRECTORIES FOR ALL NEW PANELBOARDS, AND EXISTING PANELBOARDS AFFECTED BY THIS PROJECT. DIRECTORIES SHALL REFLECT PROJECT AS-BUILT CONDITIONS FOR ALL BRANCH CIRCUITS. DIRECTORIES SHALL INCLUDE WHERE EACH PANEL IS FED FROM. ADDITIONALLY, EACH BRANCH CIRCUIT LOAD DESCRIPTION SHALL INCLUDE THE ROOM NUMBER(S) FOR EACH LOAD SERVICE (I.E., RECEPTACLES-RMS 501,503), ROOM NUMBERS SHALL BE BASED ON ACTUAL ROOM SIGNAGE INSTALLED IN FIELD. COORDINATE EXACT ROOM NUMBERS WITH A/E AND OWNER PRIOR TO COMPLETION OF PANEL DIRECTORIES.

PANELBOARD, MOTOR CONTROL CENTER, SAFETY SWITCH, ENCLOSED CIRCUIT BREAKER, CABINET, STEP-DOWN TRANSFORMER, TRANSFER SWITCH, ETC., AND ANY OTHER MAJOR COMPONENT OF THE ELECTRICAL SYSTEM. PROVIDE ENGRAVED PLASTIC LAMINATE NAME TAGS FOR EACH DISTRIBUTION BREAKER OR BRANCH CIRCUIT BREAKER IN SWITCHGEAR, SWITCHBOARDS, MOTOR CONTROL CENTERS AND OTHER DISTRIBUTION EQUIPMENT. NAME TAG SHALL INCLUDE LOAD DESCRIPTION AND ROOM NUMBER FOR EACH LOAD SERVICE.

PROVIDE ENGRAVED PLASTIC LAMINATE NAME TAGS ON EACH SWITCHBOARD, SWITCHGEAR, DISTRIBUTION PANEL.

ARC FLASH DANGER/WARNING LABELS SHALL BE APPLIED TO SWITCHBOARD, PANELBOARDS, AND EQUIPMENT

PROVIDE LABELS ON THE INSIDE OF EACH DEVICE COVERPLATE, IDENTIFYING THE PANEL(S)/ CIRCUIT NUMBER(S) DEVICE PROVIDE NEATLY, HANDWRITTEN IDENTIFICATION ON THE EXTERIOR COVER OF ALL JUNCTION BOXES, PULLBOXES AND

WIREWAYS, IDENTIFYING THE PANEL(S)/ CIRCUIT NUMBER(S) CONTAINED WITHIN. PROVIDE A PERMANENT SIGN ON THE MAIN ELECTRICAL ROOM DOOR TO THE BUILDING STATING THAT THE MAIN SERVICE DISCONNECTING MEANS IS LOCATED INSIDE.

PROVIDE A PERMANENT LABEL ON ALL PANELBOARDS, SWITCHBOARDS, SWITCHGEAR, MOTOR CONTROLS CENTERS AND DISTRIBUTION PANELS STATING "DO NOT WORK ON EQUIPMENT WHILE ENERGIZED. LOCK-OUT TAG-OUT REQUIRED".

PROVIDE REQUIRED IDENTIFICATION PER ANSI STANDARDS, NEC REQUIREMENTS, AND OWNER'S PUBLISHED DESIGN STANDARDS WHERE APPLICABLE.

# **ELECTRICAL GENERAL NOTES**

**ELECTRICAL DEVICES, OUTLET BOXES, JUNCTION BOXES:** LIGHT SWITCHES SHALL BE MOUNTED 48 INCHES ABOVE FINISHED FLOOR TO CENTER LINE OF DEVICE, UNLESS OTHERWISE NOTED.

RECEPTACLES, VOICE/DATA OUTLETS, WALL FURNITURE FEEDS SHALL BE MOUNTED 18 INCHES ABOVE FINISHED FLOOR TO CENTER LINE OF DEVICE, UNLESS OTHERWISE NOTED. ABOVE COUNTER RECEPTACLES SHALL BE MOUNTED 6" ABOVE BACK SPLASH TO CENTERLINE OF DEVICE, UNLESS OTHERWISE NOTED.

WHEN ELECTRICAL BOXES ARE LOCATED IN VERTICAL FIRE-RESISTIVE ASSEMBLIES, (CLASSIFIED AS FIRE/SMOKE AND SMOKE PARTITIONS), THEY SHALL BE INSTALLED WITHOUT AFFECTING THE FIRE CLASSIFICATION. ALL OF THE FOLLOWING CONDITIONS SHALL BE MET:

A. ALL ELECTRICAL BOXES SHALL BE METALLIC.

B. BOX OPENING SHALL OCCUR ONLY ON ONE SIDE OF FRAMING SPACE.

C. BOX OPENING SHALL NOT EXCEED 16 SQUARE INCHES.

D. ALL CLEARANCES BETWEEN OUTLET BOX AND GYPSUM BOARD SHALL BE COMPLETELY FILLED WITH JOINT COMPOUND (OR OTHER APPROVED MATERIAL).

E. PROVIDE A WALL AROUND OUTLETS LARGER THAN 16 SQUARE INCHES. THE INTEGRITY OF THE WALL RATING SHALL BE MAINTAINED.

F. THE TOTAL AGGREGATE SURFACE AREA OF THE BOXES SHALL NOT EXCEED 100 SQUARE INCHES PER 100

G. OUTLET BOXES LOCATED ON OPPOSITE SIDES OF FIRE RESISTIVE ASSEMBLIES SHALL BE SEPARATED BY A MINIMUM HORIZONTAL DISTANCE OF 24 INCHES.

IT IS THE INTENT THAT ALL DEVICE OUTLET BOXES (POWER AND SYSTEMS) BE FLUSH MOUNTED IN WALLS, CEILINGS OR

H. OUTLET BOXES SHALL BE SECURELY FASTENED TO WALL FRAMING MEMBERS.

BETWEEN THE EDGES OF THE OUTLET BOX AND THE EDGES OF THE OPENING.

I. THE OPENING IN THE GYPSUM BOARD FACING SHALL BE CUT NOT TO EXCEED 1/8 INCH

FLOORS, AND JUNCTION BOXES FLUSH MOUNTED IN WALLS, CEILINGS, OR FLOORS, OR CONCEALED ABOVE ACCESSIBLE CEILINGS, AND NOT SURFACE MOUNTED, UNLESS SPECIFICALLY NOTED ON THE CONTRACT DRAWINGS, OR UNLESS A/E ALL COMPONENTS OF THE ELECTRICAL SYSTEM (INCLUDE RACEWAYS, ELECTRICAL EQUIPMENT,

OUTLET BOXES, JUNCTION BOXES, ETC.) LOCATED IN A HAZARDOUS (CLASSIFIED) LOCATION SHALL BE APPROVED FOR USE IN SAID LOCATION, AS DEFINED BY THE NEC, WHETHER INDICATED ON THE CONTRACT DOCUMENTS OR NOT.

ALL DEVICES SHALL BE MOUNTED VERTICALLY, UNLESS OTHERWISE NOTED.

ALL RECEPTACLES SHALL BE MOUNTED SUCH THAT THE GROUND PIN IS MOUNTED UP. WHERE DEVICES ARE SHOWN IN WALLS BACK-TO-BACK ON OPPOSITE SIDES, INSTALL SO THAT THEY ARE SEPARATED

RECEPTACLES OR JUNCTION BOXES FOR ELECTRIC WATER COOLERS SHALL BE LOCATED DIRECTLY BEHIND ELECTRIC WATER COOLER, CONCEALED FROM DIRECT VIEW. RECEPTACLES SHALL BE GFCI TYPE. JUNCTION BOXES FOR HARD-WIRED CONNECTION TO EWC SHALL BE CIRCUITED TO GFCI PROTECTED CIRCUIT BREAKER IN PANELBOARD.

ALL RECEPTACLES LOCATED IN KITCHENS, BATHROOMS OR WITHIN 6' OF THE INSIDE FACE OF A SINK, IN MECHANICAL ROOMS, JANITOR CLOSETS, ELEVATOR SHAFTS, ELEVATOR SUMP PUMP, AND ELEVATOR EQUIPMENT ROOMS SHALL BE GFCI TYPE OR GFCI PROTECTED.

FLEXIBLE METAL CONDUIT AND LIQUIDTIGHT METAL CONDUIT (FMC & LFMC) SHALL NOT BE USED IN LENGTHS THAT EXCEED 6'-0" UNLESS SPECIFICALLY NOTED OTHERWISE, OR UNLESS A/E GRANTS WRITTEN PERMISSION.

ALL FEEDER AND BRANCH CIRCUIT CONDUCTORS, INCLUDING LOW VOLTAGE SYSTEMS, SHALL BE INSTALLED IN A COMPLETE RACEWAY SYSTEM (CONDUIT) UNLESS SPECIFIED NOTED OTHERWISE. THE USE OF ELECTRICAL NON-METALLIC TUBING (ENT) AND LIQUIDTIGHT FLEXIBLE NON-METALLIC CONDUIT (LFNC) ARE PROHIBITED UNLESS SPECIFICALLY NOTED OTHERWISE, OR UNLESS A/E OR OWNER GRANTS WRITTEN PERMISSION.

CONNECTIONS TO TRANSFORMERS, AHU'S, AND PUMPS SHALL BE WITH LIGUIDTIGHT, FLEXIBLE METAL CONDUIT.

NO PVC CONDUIT MAY BE USED INSIDE OF BUILDING UNLESS ROUTED UNDERGROUND, AND UNLESS OTHERWISE NOTED.

ALL CONDUIT TERMINATIONS AT TERMINAL BOARDS ARE TO HAVE GROUNDING BUSHINGS AT CONDUIT ENDS. ALL CONDUITS ARE TO BE CONCEALED UNLESS IMPOSSIBLE DUE TO EXISTING CONDITIONS (I.E., EXPOSED CEILINGS, BUILDING) EXTERIOR WALL RUNS). CONCEAL ALL CONDUITS ABOVE CEILINGS OR IN WALLS AND MILLWORK. WHERE EXISTING CONDITIONS DICTATE THAT CONDUITS CANNOT BE CONCEALED, NOTIFY ARCHITECT/ENGINEER PRIOR TO INSTALLING CONDUIT FOR RESOLUTION TO ROUTING.

SEAL ALL PENETRATIONS AND OPENINGS MADE DURING EXECUTION OF WORK IN FIRE-RATED WALLS. WALLS SHALL BE SEALED WITH UL-APPROVED PRODUCT WITH THE SAME OR GREATER RATING OF WALL PENETRATED.

PANEL SCHEDULES AND FLOOR PLANS MAY INDICATE DEDICATED HOMERUNS FOR EACH BRANCH CIRCUIT. BRANCH CIRCUITS MAY BE GROUPED IN A COMMON HOMERUN WHERE THE HOMERUN DOES NOT EXCEED 3 PHASE CONDUCTORS. 3 NEUTRAL CONDUCTORS, AND 1 EQUIPMENT GROUND. THE HOMERUN RACEWAY SIZE AND CONDUCTOR SIZE SHALL BE INCREASED AS NECESSARY TO COMPLY WITH THE NEC FOR 40% MAXIMUM FILL AND DERATING REQUIREMENTS.

IT IS THE INTENT THAT ALL RACEWAYS BE CONCEALED IN WALLS. ABOVE CEILINGS. IN SLAB. OR BELOW SLAB UNLESS SPECIFICALLY NOTED OTHERWISE, OR UNLESS A/E GRANTS WRITTEN PERMISSION. WHERE RACEWAYS ARE INSTALLED IN SLABS, THE MINIMUM SPACING, MAXIMUM RACEWAY SIZE, AND ANY OTHER STRUCTURAL LIMITATIONS SHALL BE COORDINATED WITH THE STRUCTURAL DRAWINGS AND THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION.

PROVIDE POLYOLEFIN JET-LINE #232 (NYLON PULL STRING) IN EACH EMPTY CONDUIT WITH ENGRAVED METAL TAG INDICATING CONDUIT DESIGNATION.

MINIMUM RACEWAY SIZE SHALL BE 3/4" UNLESS NOTED OTHERWISE.

SET SCREW TYPE FITTINGS ARE ALLOWED FOR EMT CONDUIT.

DIRECTLY OPPOSITE TO TERMINAL.

ALL WIRE SHALL BE SIZED AS SHOWN ON THE DRAWINGS. IF NO SIZE IS SHOWN, THEN WIRE SHALL BE #12 AWG, EXCEPT THAT BRANCH HOMERUNS OVER 100' IN LENGTH SHALL BE MINIMUM #10 AWG FOR 120/208 VOLT CIRCUITS, AND HOMERUNS OVER 200' IN LENGTH SHALL BE MINIMUM #10 AWG FOR 277/480 VOLT CIRCUITS. REFER TO BRANCH CIRCUIT VOLTAGE DROP TABLES BELOW. BRANCH CIRCUIT WIRING SHALL BE SIZED TO LIMIT THE VOLTAGE DROP TO 3% OF

NOMINAL VOLTAGE OR LESS. BRANCH CIRCUITS SHALL BE INCREASED IN SIZE AS REQUIRED TO COMPENSATE FOR VOLTAGE DROP FROM LENGTH OF CIRCUIT DUE TO FIELD ROUTING. FINAL INSTALLATION SHALL NOT EXCEED A MAXIMUM OF 3% VOLTAGE DROP FOR BRANCH CIRCUITS. REFER TO VOLTAGE DROP TABLE BELOW FOR CONDUCTOR SIZES FOR BRANCH CIRCUITS:

120V (BASED ON 1500W LOAD) MIN. CONDUCTOR SIZE CIRCUIT LENGTH INCREASE FOR VOLTAGE DROP 71 FT - 115 FT #10 AWG 116 FT - 180 FT #8 AWG 181 FEET AND LONGER: SUBMIT WIRE SIZE TO ENGINEER OF RECORD FOR WRITTEN APPROVAL. MIN. CONDUCTOR SIZE 277V (BASED ON 4155W LOAD) CIRCUIT LENGTH INCREASE FOR VOLTAGE DROP 0 FT - 140 FT 141 FT - 220 FT #10 AWG

221 FT - 350 FT

3. ALL WIRE SIZES ARE BASED ON AMPACITIES FOR 75 DEG. F TEMPERATURE RATING LISTED IN NEC. 4. ALL CONDUCTORS IN CABINETS MUST BE CAREFULLY FORMED AND HARNESSED SO THAT EACH CONDUCTOR DROPS OFF

#8 AWG

5. ALL CONDUCTORS SHALL BE COPPER, THHN/THWN, AND SOLID FOR #10 AWG AND SMALLER, AND STRANDED FOR #8 AWG

6. THE USE OF ALUMINUM CONDUCTORS, RACEWAYS, BOXES, BUSSING, WINDINGS, ETC. ARE PROHIBITED. ALL MATERIALS SHALL BE COPPER, UNLESS SPECIFICALLY NOTED OTHERWISE OR UNLESS A/E OR OWNER GRANTS WRITTEN METAL CLAD (MC) CABLE IS ACCEPTABLE FOR USE IN LIEU OF CONDUIT AND WIRING FOR BRANCH CIRCUITS FOR

LIGHTING AND RECEPTACLES ONLY, AND ONLY WHERE CONCEALED (ABOVE LAY-IN OR GYPBOARD CEILINGS, IN

METAL STUD WALLS). MC CABLE IS TO BE TRANSITIONED TO CONDUIT & WIRING FOR HOMERUNS, AND IS TO BE NEATLY INSTALLED, RUN PARALLEL AND PERPENDICULAR TO THE BUILDING LINES. GROUNDING:

FIRE PROTECTION PIPING SHALL NOT BE USED FOR GROUNDING.

ALL FEEDERS AND BRANCH CIRCUITS SHALL INCLUDE AN EQUIPMENT GROUND CONDUCTOR. METAL RACEWAYS SHALL NOT BE USED AS EQUIPMENT GROUND. WHERE A PHASE CONDUCTOR IS INCREASED IN SIZE DUE TO VOLTAGE DROP, THE EQUIPMENT GROUND CONDUCTOR SHALL

BE INCREASED IN SIZE PROPORTIONATELY PROVIDE A GROUND BUS BAR IN EACH ELECTRICAL ROOM AND TELECOMMUNICATIONS / IDF/ MDF ROOM FOR ALL NEW CONSTRUCTION AND NEW ROOMS IN EXISTING CONSTRUCTION, AND IN EXISTING CONSTRUCTION WHERE THERE IS NONE INSTALLED WITHIN AN EXISTING ROOM.

LIGHT FIXTURES SUPPORTED BY CEILING GRID SHALL BE SUPPORTED AS FOLLOWS: LIGHT FIXTURES WEIGHING LESS THAN 10 POUNDS SHALL HAVE 12-GAUGE HANGER WIRE CONNECTED FROM THE LIGHT FIXTURE TO THE STRUCTURE ABOVE. LIGHT FIXTURES WEIGHING 10 POUNDS OR MORE SHALL HAVE (2) 12-GAUGE HANGER WIRES ATTACHED AT OPPOSITE CORNERS OF THE LIGHT FIXTURE TO THE STRUCTURE ABOVE.

COORDINATE EXACT LOCATIONS OF LIGHT FIXTURES IN LAY-IN AND GYPBOARD CEILINGS WITH ARCHITECTURAL REFLECTED CEILING PLANS, AND WALL MOUNTED EXTERIOR AND INTERIOR LIGHT FIXTURES WITH ARCHITECTURAL ELEVATIONS PRIOR LIGHTING PLANS, PROVIDE THE HIGHEST QUANTITY OF FIXTURES IN THE BID PRICE. THE DISCREPANCY IN QUANTITY SHALL BE BROUGHT TO THE ATTENTION OF THE A/E. THE HIGHEST QUANTITY SHALL BE CIRCUITED TO THE LOCAL ROOM OR AREA LIGHTING CIRCUITS AND LIGHTING CONTROL DEVICES, UNLESS OTHERWISE DIRECTED IN WRITING BY THE ARCHITECT/ENGINEER.

VERIFY ACTUAL CEILING CONSTRUCTION TYPE AS DEFINED ON THE ARCHITECTURAL DRAWINGS AND FURNISH ALL LIGHT FIXTURES WITH THE CORRECT MOUNTING DEVICES WHETHER OR NOT SUCH VARIATIONS ARE INDICATED BY THE LIGHT FIXTURE CATALOG NUMBER. VERIFY THE DEPTH OF ALL RECESSED LIGHT FIXTURES WITH THE ARCHITECTURAL DRAWINGS PRIOR TO ORDERING LIGHT FIXTURES. ANY DISCREPANCIES THAT WOULD CAUSE THE RECESSED LIGHT FIXTURES NOT TO FIT INTO CEILING SHALL BE REPORTED TO ARCHITECT/ENGINEER PRIOR TO ORDERING LIGHT FIXTURES. LIGHT FIXTURES RECESSED IN FIRE-RATED CEILINGS SHALL BE PROVIDED WITH APPROVED FIRE-RATED

ENCLOSURE WITH A FIRE RATING EQUAL TO THAT OF THE CEILING. PROVIDE A MINIMUM OF 3" CLEARANCE FROM SIDES AND TOP OF RECESSED LIGHT FIXTURES. MODIFY ALL LIGHT FIXTURE CATALOG NUMBERS AS REQUIRED TO COORDINATE WITH THE LIGHTING BRANCH CIRCUIT

VOLTAGES INDICATED. COORDINATE THE CATALOG NUMBERS WITH THE EXACT FIXTURE MOUNTING AND TRIM REQUIRED BY THE CEILING IN WHICH EACH FIXTURE IS BEING INSTALLED. ALL LIGHT FIXTURES SHALL BE PROVIDED COMPLETE WITH LAMPS, UNLESS OTHERWISE NOTED. ALL EXIT LIGHTS, LIGHT FIXTURES INDICATED WITH UNSWITCHED CIRCUIT (NIGHTLIGHT N/L), EMERGENCY TWIN-HEAD

FIXTURES WITH INTEGRAL BATTERY PACKS, AND BATTERY PACKS INTEGRAL TO LIGHT FIXTURES, SHALL BE WIRED AHEAD OF ANY LOCAL SWITCHING OR LIGHTING CONTROLS. PROVIDE ALL TEMPORARY NORMAL LIGHTING, EMERGENCY LIGHTING AND EXIT SIGNAGE REQUIRED DURING THE PROJECT CONSTRUCTION PHASE. WHERE THERE IS NO EMERGENCY GENERATOR/ LIFE SAFETY DISTRIBUTION BRANCH AVAILABLE, PROVIDE INTEGRAL

BATTERY PACKS, RATED FOR A MINIMUM OF 90 MINUTES, FOR FIXTURES SHOWN WITH SOLID SHADING AND/OR WITH "E" AFTER FIXTURE TAG, AND FOR ALL EXIT LIGHTS, OR UNLESS OTHERWISE NOTED. REFER TO LIGHT FIXTURE SCHEDULE FOR LIGHT FIXTURE TYPES, DESCRIPTIONS, CATALOG NUMBERS AND ADDITIONAL

INFORMATION PERTINENT TO THE LIGHT FIXTURE OR INSTALLATION THEREOF. COORDINATE LIGHT FIXTURE TRIM TYPE AND FINISH COLOR WITH ARCHITECT PRIOR TO ORDERING.

12. EACH LIGHTING CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL.

MISCELLANEOUS CIRCUIT & INSTALLATION REQUIREMENTS THE INFRASTRUCTURE FOR THE ACCESS CONTROL/ CCTV OR SECURITY ELECTRONICS SYSTEM (CONDUITS, ELECTRICAL BOXES) SHALL BE INSTALLED BY DIVISION 26. THE ACCESS CONTROL/ CCTV OR SECURITY

ELECTRONICS SYSTEM CONTRACTOR SHALL PROVIDE AND INSTALL THE WIRE AND CABLE FOR THE SYSTEM AND ALL REQUIRED EQUIPMENT. INSTALLATION OF THE CONDUITS AND ELECTRICAL BOXES SHALL BE UNDER THE DIRECT SUPERVISION OF THE ACCESS CONTROL/ CCTV SYSTEM CONTRACTOR. COORDINATE EXACT LOCATIONS OF DEVICES, RACEWAY LOCATIONS, SIZES AND QUANTITY, CONDUIT STUB-UPS PRIOR TO ROUGH IN. THE INFRASTRUCTURE FOR THE VOICE/DATA TELECOMMUNICATIONS SYSTEM (CONDUITS, ELECTRICAL BOXES) SHALL BE INSTALLED BY DIVISION 26. THE TELECOMMUNICATIONS CONTRACTOR SHALL PROVIDE AND INSTALL THE

WIRE AND CABLE FOR THE SYSTEM AND ALL REQUIRED EQUIPMENT AND COMPONENTS. INSTALLATION OF THE CONDUITS AND ELECTRICAL BOXES SHALL BE UNDER THE DIRECT SUPERVISION OF THE TELECOMMUNICATIONS CONTRACTOR. COORDINATE EXACT LOCATIONS OF DEVICES, RACEWAY LOCATIONS, SIZES AND QUANTITY, CONDUIT STUB-UPS PRIOR TO ROUGH IN.

PROVIDE 120V 20A 5-20R RECEPTACLE AT ALL FAN COIL UNITS FOR CONDENSATE PUMP POWER AND HOT WATER RECIRCULATING PUMPS, WHETHER SHOWN ON PLANS OR NOT. RECEPTACLE IS TO BE CONNECTED TO NEAREST 120V RECEPTACLE CIRCUIT.

PROVIDE 120V CONNECTION TO ALL MOTORORIZED DAMPERS INDICATED ON MECHANICAL PLANS, WHETHER SHOWN ON DIVISION 26 DRAWINGS OR NOT. FIRE/SMOKE DAMPER CIRCUITS ARE TO BE PROVIDED FROM EMERGENCY BRANCH PANEL (LEGALLY REQUIRED BRANCH IF AVAILABLE). MOTORIZED DAMPERS WITHIN THE SAME AREA CAN BE CIRCUITED TO THE SAME CIRCUIT (I.E., DEDICATED CIRCUIT IS NOT REQUIRED).

PROVIDE PHONE/DATA OUTLET WITH 1" RACEWAY, AND 120V RECEPTACLE ON DEDICATED CIRCUIT ADJACENT TO EACH AIR HANDLING UNIT FOR CONTROL POWER.

PROVIDE 120V DEDICATED CIRCUIT TO EACH AIR HANDLING UNIT WITH SEPARATE CONNECTIONS TO UNIT UV LIGHT, UNIT LIGHTS, UNIT RECEPTACLE, AND BI-POLAR IONIZATION FILTER WHERE PROVIDED. COORDINATE WITH DIVISION 23 SHOP

GENERAL SPECIFICATIONS:

OTHER DIVISIONS/TRADES.

THE DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW EVERY DETAIL OF CONSTRUCTION, METHODS,

MATERIALS AND EQUIPMENT, OR EXACT LOCATIONS, ROUTING, ETC. THEY INDICATE THE RESULT TO BE ACHIEVED BY

CONTRACT DOCUMENTS. COORDINATE EXACT EQUIPMENT LOCATIONS WITH THE ARCHITECTURAL, CIVIL AND

UNLESS NOTED AS EXISTING, ALL ELECTRICAL INDICATED ON THE CONTRACT DOCUMENTS SHALL BE NEW, SHALL

PROVIDE EXPERIENCED, QUALIFIED AND RESPONSIBLE SUPERVISION FOR ALL WORK REQUIRED BY THE CONTRACT

DOCUMENTS. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER, TO THE

CARRY ALL INSURANCE REQUIRED TO PROTECT AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION

GUARANTEE ALL MATERIALS AND WORKMANSHIP ARE FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR

FROM THE DATE OF FINAL ACCEPTANCE BY THE ARCHITECT/ENGINEER AND OWNER, UNLESS OTHERWISE NOTED IN

IF HAZARDOUS MATERIALS ARE ENCOUNTERED, COMPLY WITH ALL APPLICABLE RULES, REGULATIONS AND GUIDELINES

CONCERNING REMOVAL, HANDLING, DISPOSAL AND PROTECTION AGAINST ENVIRONMENTAL EXPOSURE OR POLLUTION.

PROVIDE ELECTRONIC SUBMITTALS (PRODUCT DATA & SHOP DRAWINGS) FOR EACH MAJOR COMPONENT OF THE

THE ELECTRICAL PORTION OF THE CONTRACT DOCUMENTS ARE COORDINATED WITH THE DESIGN BASIS EQUIPMENT

MINIMUM OF TEN (10) BUSINESS DAYS FOR REVIEW BY A/E, UNLESS OTHERWISE NOTED IN DIVISION 1.

REQUEST COMPENSATION FROM THE CONTRACTOR FOR SAID SERVICES.

ELECTRICAL SYSTEM FOR REVIEW BY THE A/E AND OWNER. MAJOR COMPONENTS INCLUDE, BUT ARE NOT LIMITED TO,

RACEWAYS, BOXES, WIRE AND CABLE, EQUIPMENT, DEVICES, LIGHT FIXTURES, SWITCHGEAR, PANELBOARDS, CIRCUIT

BREAKERS, SAFETY SWITCHES, FIRE ALARM SYSTEM, ETC. ALL SUBMITTALLS ARE TO BE REVIEWED AND APPROVED BY

THE CONTRACTOR FOR CONFORMANCE WITH THE PROJECT REQUIREMENTS PRIOR TO SUBMITTING TO THE A/E. ALLOW A

SPECIFIED BY DIVISION 26 AND OTHER DIVISIONS. WHERE THE CONTRACTOR ELECTS TO SUBSTITUTE A PRODUCT IN LIEU OF

PROVIDING THE DESIGN BASIS, AND SAID SUBSTITUTION IS ACCEPTED BY THE A/E AND OWNER, THE CONTRACTOR SHALL

MAKE ALL CORRECTIONS TO THE ELECTRICAL SYSTEM NECESSARY IN ORDER TO ENSURE A COMPLETE AND OPERATIONAL

INSTALLATION OF THE EQUIPMENT AT NO ADDITIONAL COSTS. WHERE THE CONTRACTOR'S DESIGN SUBSTITUTION RESULTS

MAINTAIN A CURRENT AND ACCURATE SET OF PROJECT RECORD DOCUMENTS (AS-BUILTS) AT THE SITE THROUGHOUT THE

DOCUMENTS SHALL BE ISSUED TO THE A/E FOR REVIEW AND THEN SUBMITTED TO THE OWNER WITHIN 30 DAYS AFTER THE

POWER RISER DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM, SITE PLANS AND ALL ELECTRICAL FLOOR

FIRE ALARM SYSTEM NOTES

ALL FIRE ALARM EQUIPMENT IS TO BE NEW, UL LISTED FOR FIRE SERVICE, AND SHALL BE COMPATIBLE WITH THE

LOW VOLTAGE CONDUCTORS: PROVIDE CONDUCTORS IN ACCORDANCE WITH NFPA 70 AND NFPA 72. AND AS

RECOMMENDED BY THE FIRE ALARM SYSTEM MANUFACTURER, CONDUCTORS SHALL BE COPPER, MINIMUM NO. 14

SURVIVABILITY: A 1-HOUR RATED CABLE ASSEMBLY SHALL BE PROVIDED FOR NOTIFICATION APPLIANCE CIRCUITS

AND ANY OTHER CIRCUITS NECESSARY FOR THE OPERATION OF THE NOTIFICATION APPLIANCE CIRCUITS FROM

THE POINT AT WHICH THEY EXIT THE CONTROL UNIT UNTIL THE POINT THAT THEY ENTER THE NOTIFICATION ZONE

MANUAL PULL STATIONS ARE TO BE INSTALLED AT 42" TO BOTTOM OF DEVICE AND NO HIGHER THAN 48" TO HANDLE

PROVIDE MINIMUM 3/4" CONDUIT AND WIRING BETWEEN EACH FIRE ALARM DEVICE AND FROM LAST DEVICE TO FACP

MINIMUM CANDELA RATING OF STROBES IS 75; "110" ADJACENT TO DEVICE INDICATES 110 CANDELA RATING. PROVIDE

ALL STROBES SHALL BE INSTALLED PER ADA MOUNTING HEIGHT REQUIREMENTS. WALL MOUNTED STROBES SHALL BE

SYNCHRONIZATION OF STROBES IN ALL ADJACENT AREAS WHERE STROBES ARE VISIBLE TO EACH OTHER.

NOTIFICATION DEVICES SHALL BE ADDRESSABLE ELECTRIC-VIBRATING-POLARIZED HORNS, SELECTABLE FOR

PROVIDE PLENUM-RATED FREE-WIRED UL APPROVED FIRE ALARM CABLE. INDEPENDENTLY SUPPORTED

HIGH OR LOW dBA OUTPUT. THEY SHALL HAVE A SOUND PRESSURE LEVEL OF 90dBA MEASURED 10 FEET FROM

THROUGHOUT THE INSTALLATION PER NEC REQUIREMENTS, AND RATED FOR THE ENVIRONMENT IN WHICH IT IS

CONTRACTOR/VENDOR SHALL PREPARE LICENSED P.E. WORKING DRAWINGS INCORPORATING THE FIRE ALARM

CRITERIA DESIGN AND CONFIRMING TO AHJ REQUIREMENTS. CONTRACTOR SHALL PROVIDE ALL MATERIAL REQUIRED PER AHJ AND DESIGN CRITERIA FOR A FULLY FUNCTIONING AND PERMITTABLE FIRE ALARM SYSTEM.

SUBMIT TO DESIGN PROFESSIONAL AS A SHOP DRAWING FOR REVIEW. SUBMIT COMPLETE SIGNED & SEALED

DRAWINGS TO PERMITTING AGENCY AND FOR CERTIFICATE OF OCCUPANCY. COMPLETED FIRE ALARM

CERTIFICATION SHALL BE PROVIDED TO OWNER AT COMPLETION OF CONSTRUCTION.

PLENUM RATED SOLID COPPER OR STANDARD COPPER WITH MAXIMUM 19 STRANDS.

ALL STROBES SHALL ACTIVATE UPON INITIATION OF THE GENERAL ALARM.

INSTALLED SO THAT THE BOTTOM OF THE STROBE LENS IS 80" AFF.

HORN, USING CODED SIGNAL PER NFPA 72.

10. STROBES SHALL BE INSTALLED WITHIN 15' OF THE ENDS OF ALL CORRIDORS.

ALL WIRING AND CONDUIT IS TO CONFORM TO NEC ARTICLE 760. WIRING SHALL BE UL LISTED, MINIMUM 300V TYPE FPLP

DATE OF FINAL ACCEPTANCE. PROVIDE RECORD DRAWINGS OF THE ACTUAL INSTALLATION INCLUDING SINGLE LINE DIAGRAM

DURATION OF THE PROJECT. RECORD DRAWINGS SHALL BE UPDATED EACH DAY TO REFLECT THE ACTUAL LOCATIONS, SIZES

IN THE NEED FOR THE ENGINEER TO REVISE THE CONTRACT DOCUMENTS, THE ENGINEER RESERVES THE RIGHT TO

ROUTING, ETC. OF EACH PORTION OF THE ELECTRICAL SYSTEM AFFECTED BY THIS WORK. A FINAL SET OF RECORD

DIVISION 1. AT NO ADDITIONAL COSTS, PROVIDE THE CORRECTION OF ANY DEFECTS INCLUDING REPAIR OR

INCLUDE ALL COSTS ASSOCIATED WITH PERMITS, LICENSES, FEES, INSPECTIONS, TESTING AND TEMPORARY

BE U.L. LISTED, AND SHALL BEAR A U.L. LABEL. WHERE NO U.L. LABEL OR LISTING IS AVAILABLE, THE MATERIAL

FOR CORRECT INSTALLATION OF A COMPLETE SYSTEM, UNLESS SPECIFICALLY NOTED OTHERWISE.

SHALL BE LISTED WITH AN APPROVED, NATIONALLY RECOGNIZED ELECTRICAL TESTING AGENCY.

SATISFACTION OF THE ARCHITECT/ENGINEER AND OWNER.

POWER IN THE BID PRICE, UNLESS NOTED OTHERWISE.

PROVIDE DOCUMENTATION OF SAID COMPLIANCE.

PLANS, DETAILS, PANEL SCHEDULES, ETC.

AWG, TWISTED SHIELDED PAIR.

ABOVE FINISHED FLOOR.

UNLESS OTHERWISE NOTED.

THE ASSEMBLAGE OF SEVERAL SYSTEMS FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. DO NOT SCALE THE

STRUCTURAL CONTRACT DOCUMENTS, AS WELL AS FIELD CONDITIONS, APPROVED SHOP DRAWINGS AND WORK OF ALL

THE TERM "PROVIDE" USED IN THE CONTRACT DOCUMENTS INDICATES TO FURNISH AND INSTALL MATERIALS REQUIRED

SURVEYED PANEL DIRECTORIES, WHERE THEY WERE AVAILABLE. THE ACTUAL CONDITIONS MAY VARY, ALL EXISTING CONDITIONS SHALL GOVERN.

WHERE EXISTING DEVICES ARE INDICATED TO REMAIN OR RELOCATED, LOCATED WITHIN THE SCOPE OF THIS PROJECT AND EXISTING CIRCUITING INFORMATION IS UNAVAILABLE, CONTRACTOR IS TO PROVIDE CIRCUIT TRACING TO IDENTIFY PANEL AND CIRCUIT DEVICES ARE CONNECTED TO AND PROVIDE THAT INFORMATION TO A/E PRIOR TO ROUTING CONDUITS AND WIRING FOR NEW DEVICES AND EQUIPMENT WITHIN THE SCOPE OF THIS PROJECT.

MAINTAIN CONTINUITY OF CIRCUIT.

OPTION TO RETAIN REUSABLE ITEMS SUCH AS COVERPLATES, RECEPTACLES, LIGHT FIXTURES, PANELBOARDS. DEMOLITION. PROPERLY AND LEGALLY DISPOSE OF ALL EQUIPMENT AND MATERIALS BEING REMOVED.

PLUMBING AND MECHANICAL DEMOLITION PLANS.

WHERE EXISTING DEVICES, LIGHT FIXTURES AND EQUIPMENT ARE INDICATED TO BE DEMOLISHED, REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO SOURCE PANEL OR TO NEAREST JUNCTION BOX TO MAINTAIN CIRCUIT CONTINUITY OF DEVICES TO REMAIN AND EQUIPMENT TO REMAIN. WHERE PANELS ARE TO BE REMAIN, TURN BREAKER

REMOVE ALL CONDUIT LEFT EXPOSED BY REMOVAL OF WALLS AND CEILINGS IN REMODELED OR RENOVATED AREA. CAP BOTH ENDS OF REMAINING CONDUIT IN WALL OR FLOOR WHERE CUT.

CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ALL OPENINGS IN EXISTING CONSTRUCTION AFTER REMOVAL OF FIRE RATING, FINISH AND COLOR.

PROVIDE BLANK COVERPLATES WHERE DEVICES ARE BEING REMOVED FROM EXISTING WALLS TO REMAIN. MATCH COLOR OF NEW ADJACENT DEVICE COVERPLATES.

FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK AND OBTAIN CLARIFICATIONS FROM ARCHITECT/ENGINEER IF NECESSARY.

WRITTEN NOTIFICATION WHEN POWER IS DESIRED TO BE INTERRUPTED. EXERCISE EXTREME CAUTION WHEN REMOVING/ RELOCATING WIRING AND EQUIPMENT. IT IS THE CONTRACTOR'S

INFORMATION INDICATED IN THE DEMOLITION PORTION OF THE CONTRACT DRAWINGS IS DIAGRAMMATIC IN NATURE. FIELD VERIFY ELECTRICAL CIRCUIT HOMERUNS TO ALL ELECTRICAL ITEMS SCHEDULED TO BE DEMOLISHED AND PERFORM THE WORK AS INTENDED AND DEPICTED ON THE DRAWINGS.

19. STORE ITEMS INDICATED TO BE RETURNED TO THE OWNER IN A DRY, CLEAN AND PROTECTED AREA. NOTIFY OWNER WHEN ITEMS ARE READY TO BE REMOVED.

DEVICES THAT ARE BEING DISCONNECTED AND REMOVED, AND FOR ANY NEW DEVICES THAT ARE ADDED, AS PART OF

21. THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES WITHIN THE PROJECT AREA. IT IS INTENDED TO PROVIDE A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA. ANY DISCREPANCIES OR CONDITIONS NOT SHOWN ON THE PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE A/E. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED ELECTRICAL DEMOLITION WHETHER INDICATED ON THE PLANS OR NOT.

EXISTING WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED IN ACCORDANCE WITH THE NEC.

23. REMOVE ALL ABANDONED WIRING AND CONDUIT THAT IS WITHIN THE PROJECT AREA PRIOR TO THE END OF

# **ELECTRICAL DEMOLITION NOTES**

DEVICES, LIGHT FIXTURES AND EQUIPMENT SHOWN IN DASHED LINE TYPE ARE EXISTING TO BE DEMOLISHED; DEVICES, LIGHT FIXTURES AND EQUIPMENT SHOWN IN LIGHT SOLID LINE TYPE ARE EXISTING TO REMAIN. UNLESS OTHERWISE

EXISTING EQUIPMENT. LIGHT FIXTURES. DEVICES SHOWN ARE BASED ON FIELD SURVEYS AND RECORD DRAWINGS PROVIDED BY THE OWNER, AND IS NOT NECESSARILY ALL INCLUSIVE IN EVERY AREA AS FAR AS EXISTING ELECTRICAL EQUIPMENT, LIGHIT FIXTURES AND DEVICES. EXISTING CIRCUITING SHOWN IS BASED ON RECORD DRAWINGS AND THE CONDITIONS MUST BE VERIFIED PRIOR TO BID. THE CONDITIONS SHOWN ARE INTENDED TO SHOW THE LOCATIONS OF EXISTING DEVICES, LIGHT FIXTURES AND EQUIPMENT. WHERE SHOWN ON THE PLAN DRAWINGS, AND IN NO WAY RELIEVES THE CONTRACTOR FROM PROVIDING ANY AND ALL COORDINATION NECESSARY TO COMPLETE THE NEW WORK. FIELD

WHERE EXISTING DEVICES ARE TO REMAIN, CONTRACTOR MUST EXTEND EXISTING CIRCUITING WHERE NECESSARY TO

COORDINATE WITH THE OWNER FOR DISPOSITION OF ELECTRICAL ITEMS TO BE DEMOLISHED. OWNER SHALL HAVE THE TRANSFORMERS, ETC. NOT BEING USED IN THE FINISHED WORK. COORDINATE WITH THE OWNER PRIOR TO START OF

COORDINATE EXACT AREAS, WALLS, CEILINGS, ETC. TO BE DEMOLISHED WITH ARCHITECTURAL, STRUCTURAL,

TO "OFF" POSITION AND LABEL THE CIRCUIT AS "SPARE" ON THE PANEL DIRECTORY.

ALL AREAS OUTSIDE THE SCOPE OF CONSTRUCTION ARE TO REMAIN ENERGIZED. COORDINATE PHASING WITH CONSTRUCTION MANAGER AND OWNER PRIOR TO DEMOLITION WHICH MAY RESULT IN INTERRUPTION OF POWER.

REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR EXTENT OF AREA REQUIRING DEMOLITION AND ADDITIONAL INFORMATION ON ELECTRICAL DEMOLITION WITHIN THAT AREA. DISCONNECT ELECTRICAL SERVICE TO ALL EQUIPMENT BEING REMOVED. DEMOLITION SHALL BE PHASED AS REQUIRED BY DIVISION 1, OR DIRECTED BY THE OWNER.

ELECTRICAL DEVICES CONCEALED BY STORAGE SHELVING, CASEWORK, FURNITURE, ETC., AND NOT NOTED ON THE DEMOLITION DRAWINGS ARE TO BE REMOVED AS REQUIRED, UNLESS SHOWN AS EXISTING TO REMAIN.

EQUIPMENT AND ELECTRICAL DEVICES, UNLESS OTHERWISE NOTED ON ARCHITECTURAL PLANS. REPAIRS ARE TO BE DONE TO LOGICAL EDGES OF SURFACES AFFECTED AND SHALL MATCH IMMEDIATE ADJACENT AREAS IN CONSTRUCTION, MATERIAL,

COORDINATE SERVICE INTERRUPTION WITH CONSTRUCTION MANAGER, OWNER, LANDLORD, AND UTILITY COMPANY, WHERE APPLICABLE, AND DO NOT INTERRUPT POWER WITHOUT WRITTEN PERMISSION. PROVIDE A MINIMUM OF ONE WEEK'S

RESPONSIBILITY TO ENSURE THAT OTHER WIRING DEVICES, EQUIPMENT AND LIGHT FIXTURES THAT MAY BE CONNECTED TO THE SAME CIRCUIT REMAIN OPERATIONAL AND ACTIVE.

18. UPDATE ALL EXISTING ELECTRICAL EQUIPMENT NAMEPLATES AND DIRECTORIES AS NECESSARY TO REFLECT FINAL AS-BUILT CONDITIONS AT THE END OF CONSTRUCTION.

20. PROVIDE ANY NECESSARY REPROGRAMMING OF EXISTING BUILDING FIRE ALARM SYSTEMS TO DISABLE FIRE ALARM

22. ALL CONDUITS SERVING OTHER SPACES THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION SO AS NOT TO CAUSE DISRUPTION TO THESE OTHER SPACES. ENSURE THAT ALL CONDUITS, NEW OR

HIDDEN LAKES

REPLACEMENT

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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed PROFESSIONAL ENGINEER

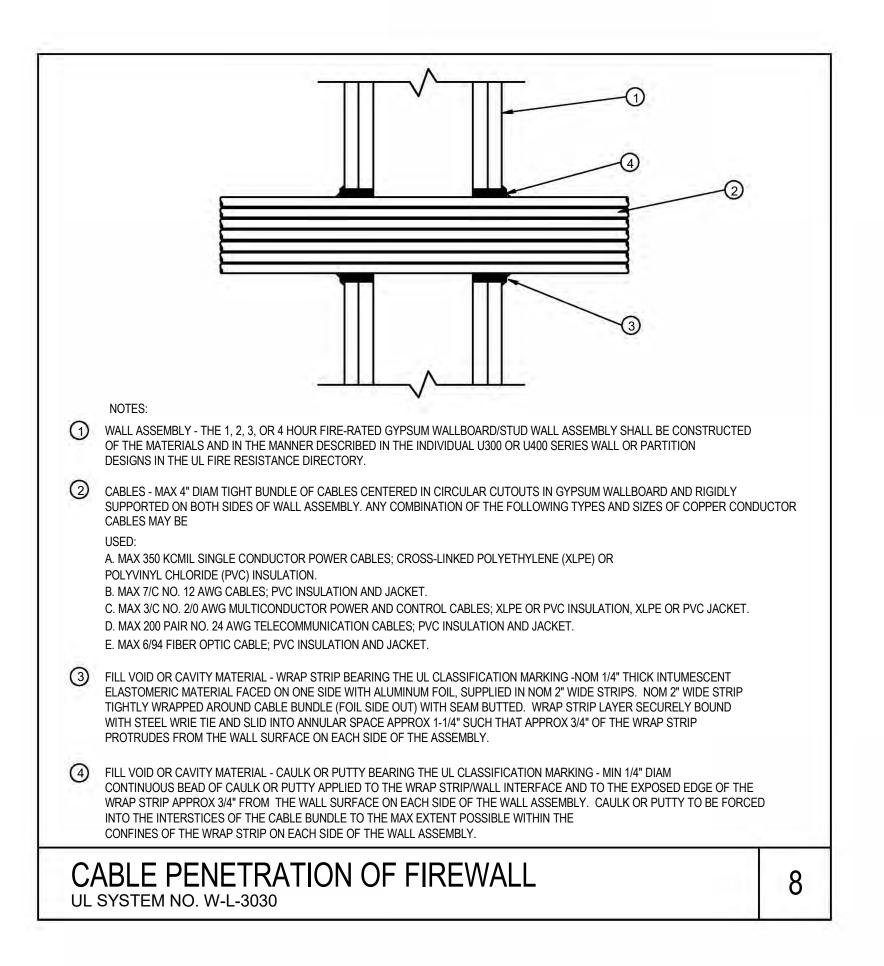
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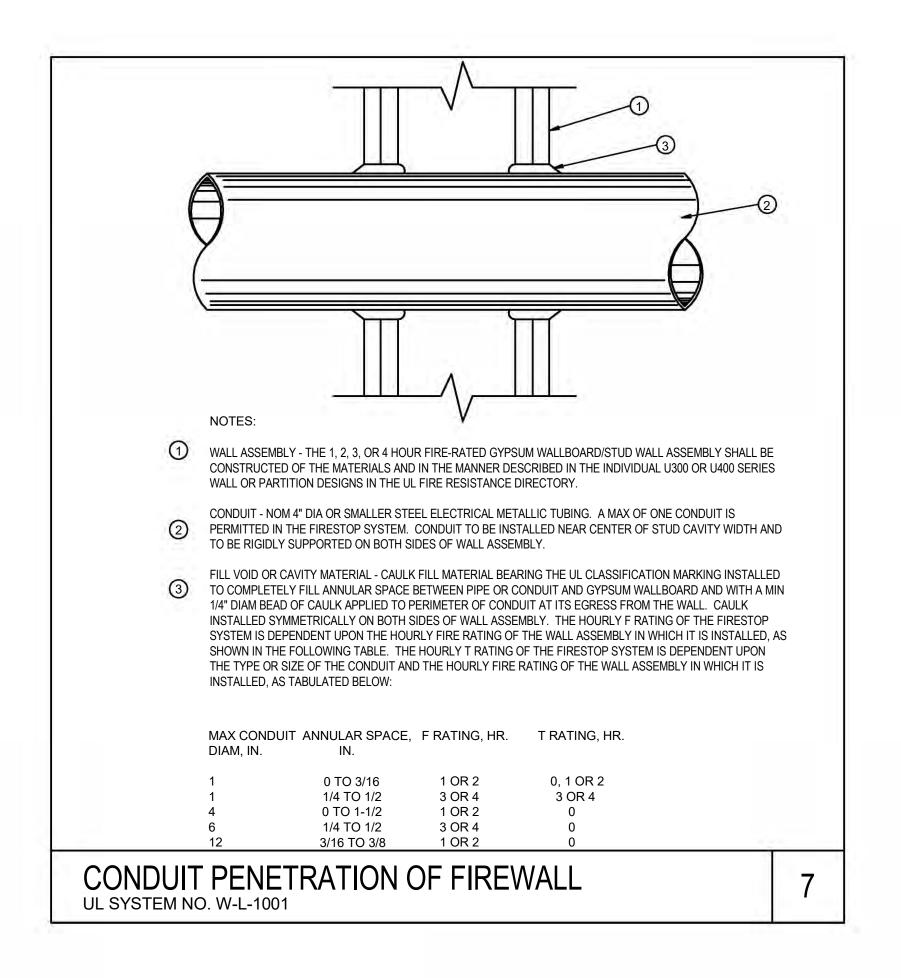
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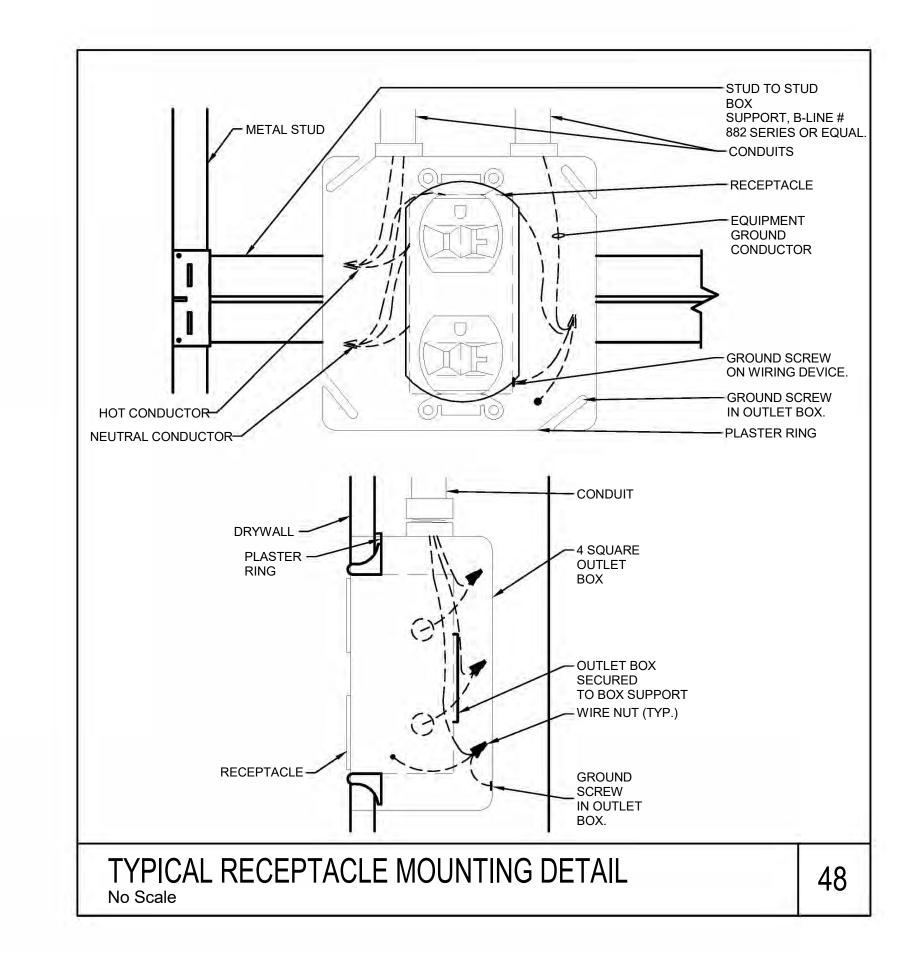
**GENERAL ELECTRICAL NOTES** 

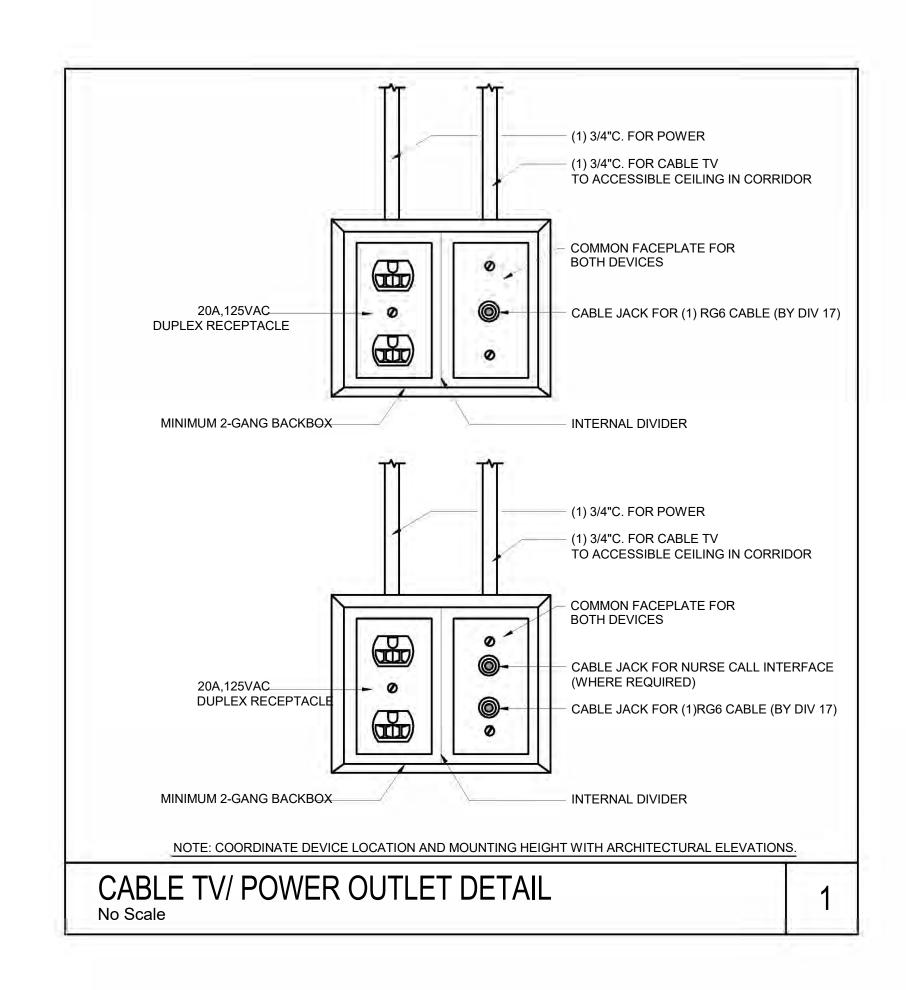
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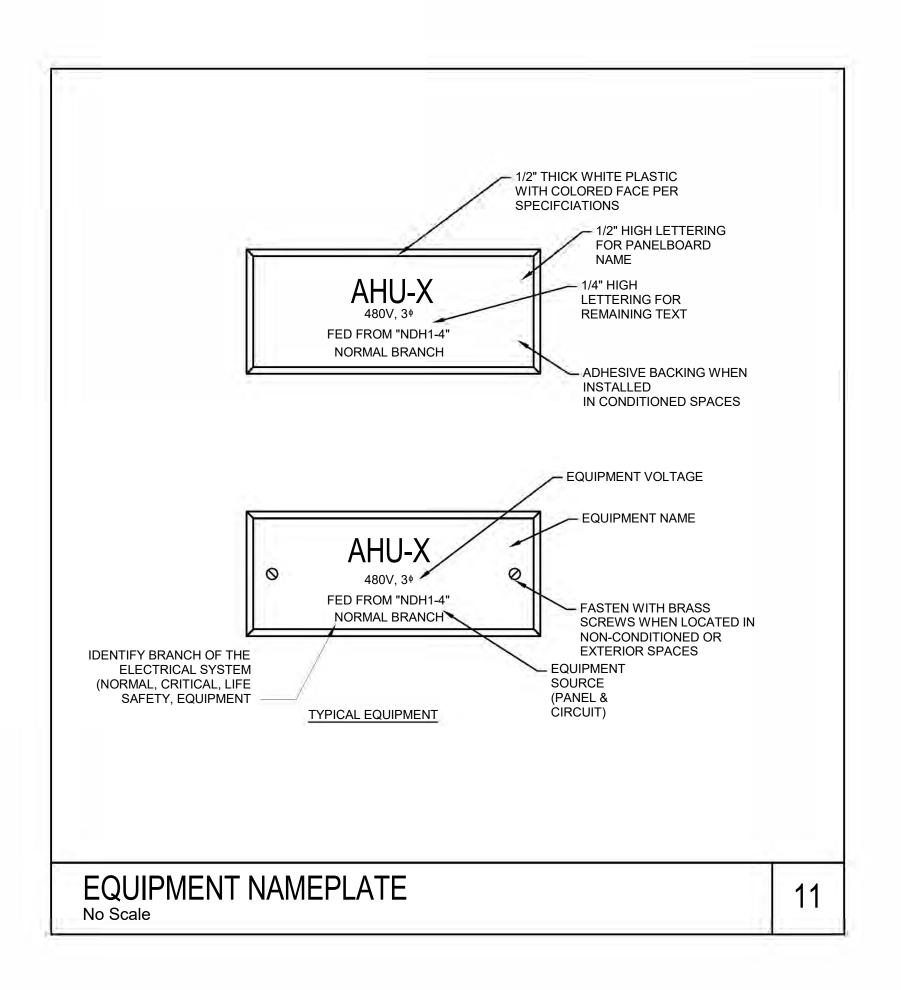
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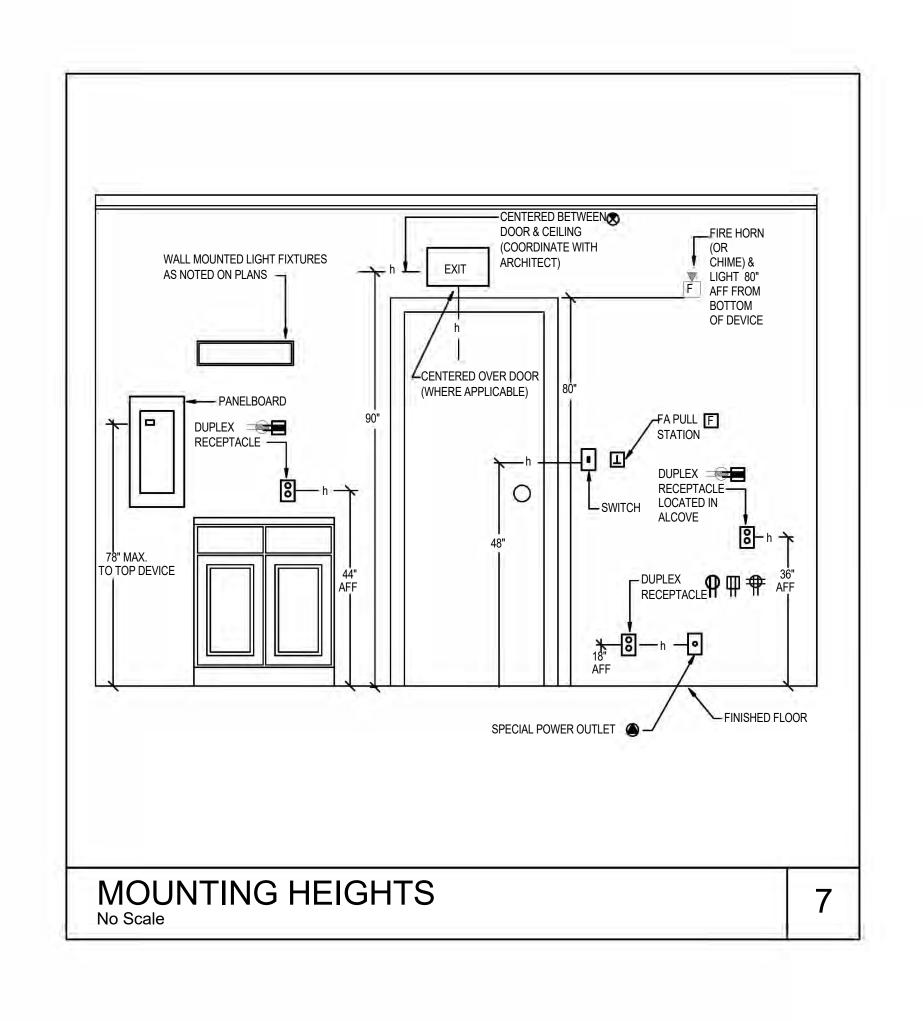








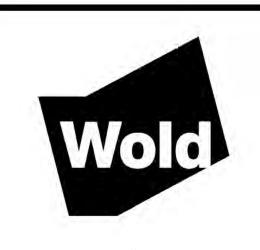




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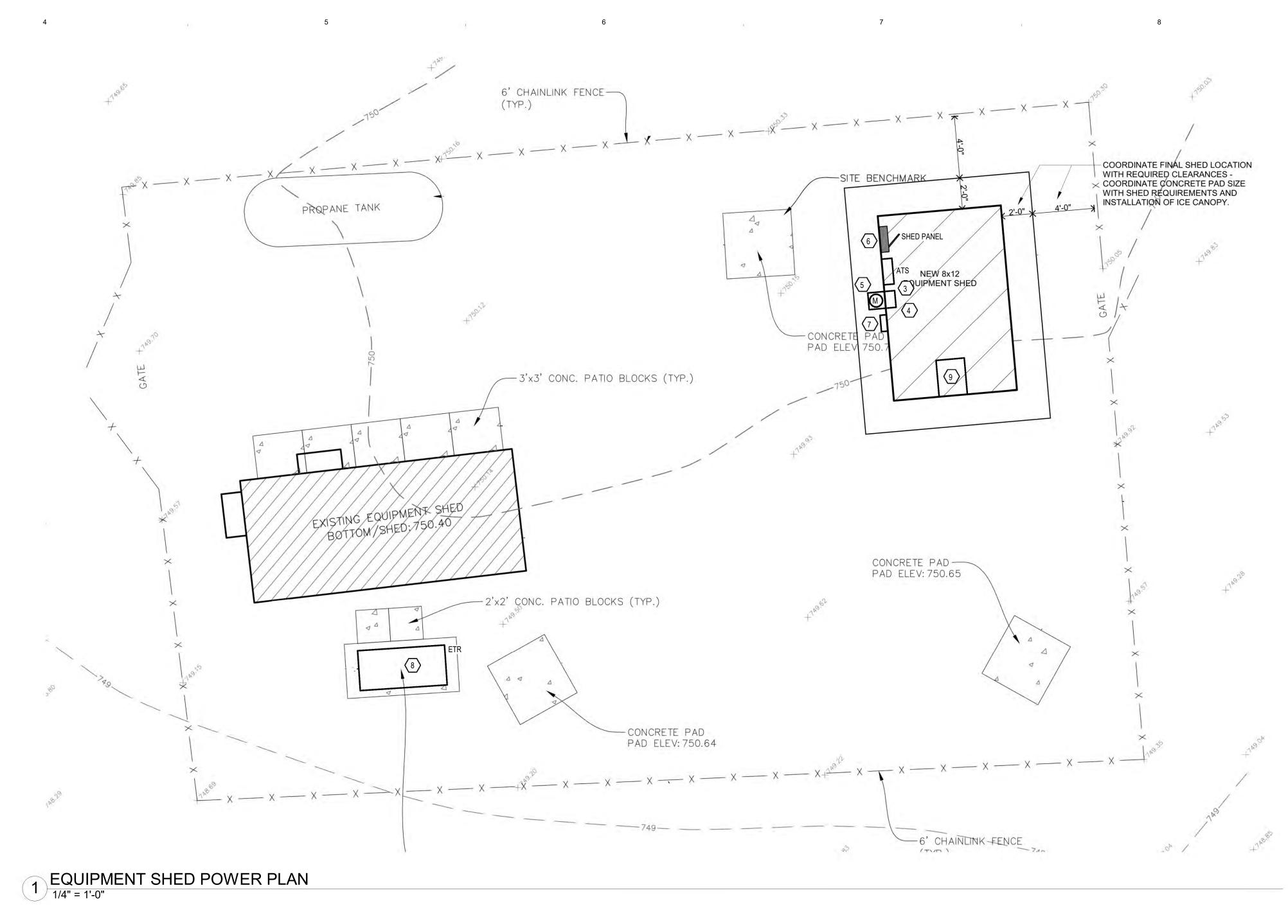
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Revisions
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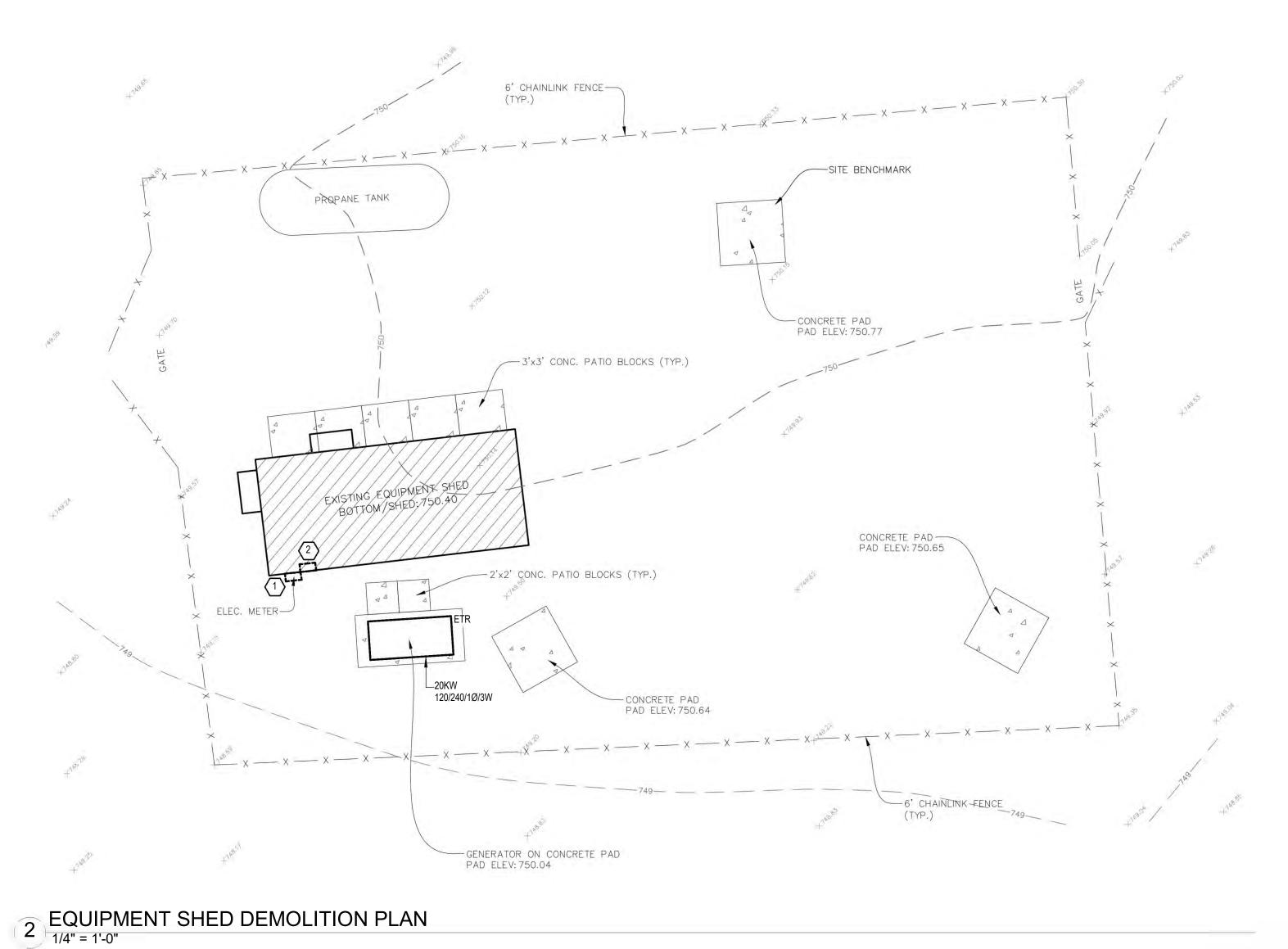
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GENERAL ELECTRICAL DETAILS

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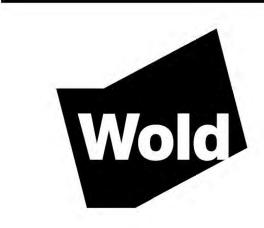
**KEY NOTES** 1. AFTER THE NEW SHED IS OPERATIONAL AND ALL EQUIPMENT HAS BEEN REMOVED FROM THE EXISTING SHED, DEMOLISH THE EXISTING METER SOCKET AND FEEDER. SEE THE ONE LINE DIAGRAM - DEMO. AFTER THE NEW SHED IS OPERATIONAL AND ALL EQUIPMENT HAS BEEN REMOVED FROM THE EXISTING SHED, DEMOLISH THE EXISTING TRANSFER SWITCH, BYPASS CABINET AND ASSOCIATED FEEDER TO THE GENERATOR. SEE THE ONE LINE DIAGRAM - DEMO. PROVIDE A NEW 100A,2P,240V AUTOMATIC TRANSFER SWITCH AND ALL ENGINE START WIRING TO THE GENERATOR. 4. PROVIDE A NEW SERVICE ENTRANCE RATED 100/2 CIRCUIT BREAKER IN NEMA 1 ENCLOSURE. 5. PROVIDE A NEW COMED APPROVED 100A METER SOCKET. 6. FEED THE SHED PANEL, PER THE ONE LINE DIAGRAM – NEW. THE SHED PANEL IS FURNISHED AND INSTALLED BY THE SHED MANUFACTURER AND WIRED 7. PROVIDE A GROUND BAR. SEE THE GROUNDING ONE LINE DIAGRAM. 8. CONNECT THE (2) CIRCUITS FOR THE BLOCK HEATER AND BATTERY CHARGER TO SPARE 20/1 BREAKERS IN THE NEW SHED PANEL. DEMO THE EXISTING CIRCUITS TO THE SHED PANEL BEING DEMOLISHED. 9. ????? RACK POWER ??????



**HIDDEN LAKES EQUIPMENT SHED REPLACEMENT** 

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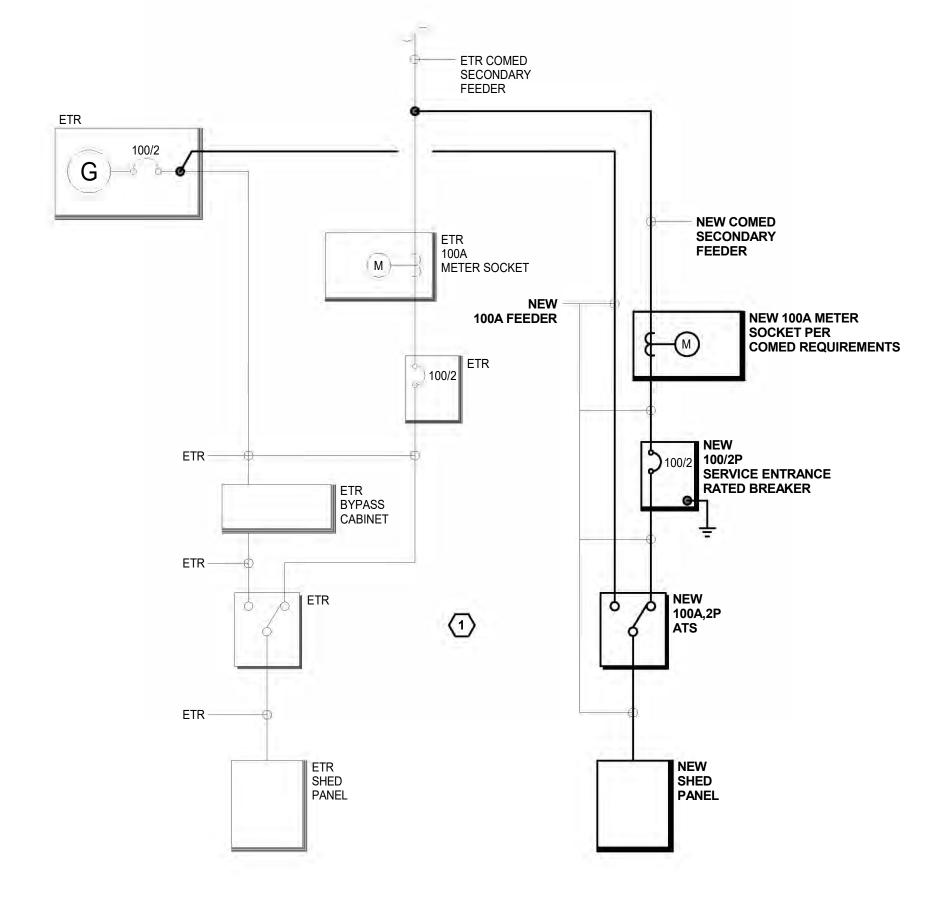
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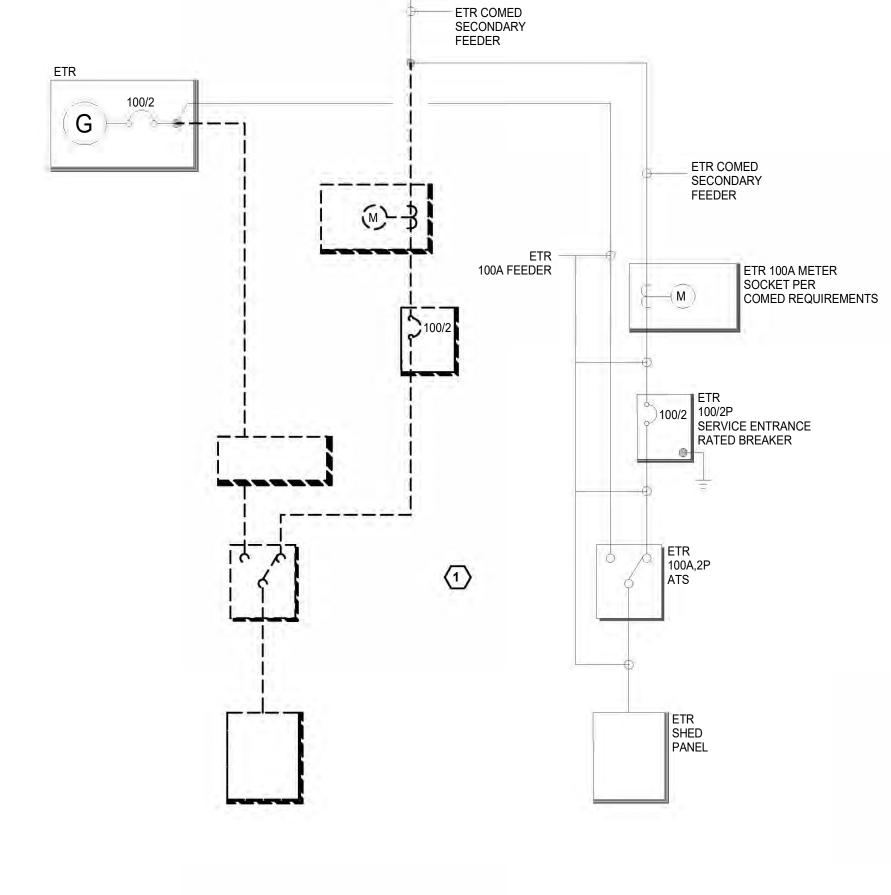
**EQUIPMENT SHED POWER PLANS** 



# ONE LINE DIAGRAM - PHASE 1

# **ONE LINE GENERAL NOTES:**

- 1. COORDINATE ALL SHUTDOWNS WITH THE OWNER. ALL SHUTDOWNS SHALL BE ON AN
- 2. PROVIDE A LABEL ON EACH ELECTRICAL PANEL WITH THE FOLLOWING INFORMATION: PANEL NAME
- SYSTEM VOLTAGE
- WHERE PANEL IS FED FROM (PANEL NAME, FEEDER SIZE AND CIRCUITS FED FROM) FEEDER OVERCURRENT PROTECTION DEVICE
- 3. PROVIDE TYPED PANEL DIRECTORY FOR ALL PANELS AFFECTED BY THIS PROJECT. EACH CIRCUIT SHALL IDENTIFY THE LOAD IT SERVES AND ITS RESPECTIVE LOCATION. REFER TO PANELBOARD SCHEDULES FOR CIRCUIT

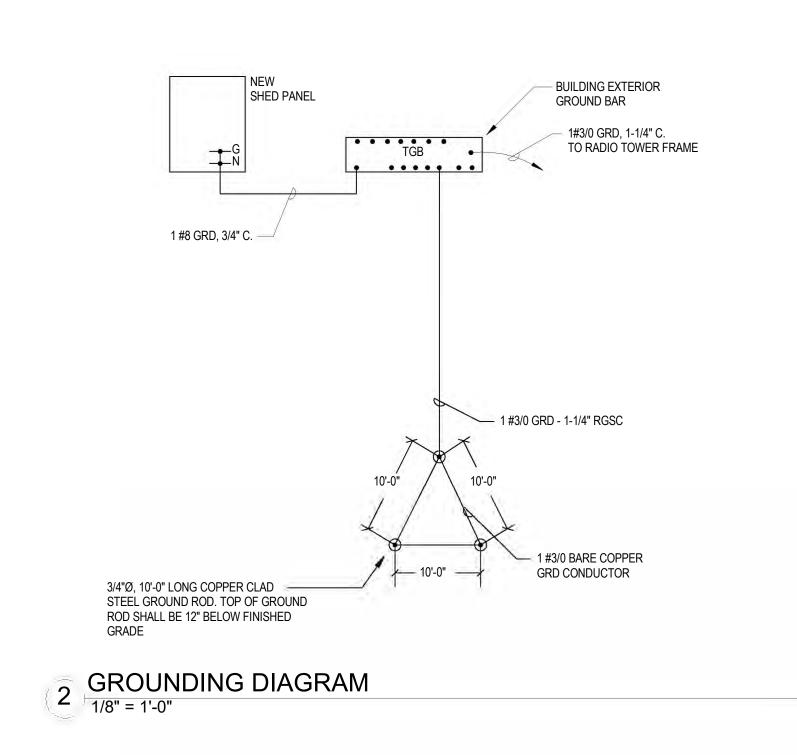


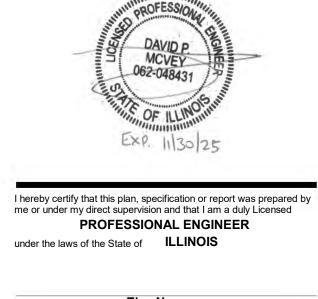
# ONE LINE DIAGRAM - PHASE 2

# ONE LINE DIAGRAM KEYNOTES:

THE CONTRACTOR SHALL KEEP THE EXISTING AND NEW SHEDS OPERATIONAL UNTIL THE EXISTING SHED IS DEMOLISHED. KEEP ALL SHUTDOWNS TO A MINIMUM UTILIZING THE GENERATOR WHILE THE NORMAL SERVICE IS BEING SHUT DOWN

3 ONE-LINE DIAGRAM





**HIDDEN LAKES** 

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Elec Name License Number: Elec Num Date 12/2023 Date: 12/15/2023

**ONE-LINE DIAGRAM AND** 

**DETAILS** 

99% DESIGN DEVELOPMENT



#### **Required Vendor Ethics Disclosure Statement**

Failure to complete and return this form may result in delay or cancellation of the County's Contractural Obligation.

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| County's Contractural Obligation. | Bid/Contract/PO #:                 | bid/Contract/PO #: |  |
|-----------------------------------|------------------------------------|--------------------|--|
| Company Name: Tower Direct        | Company Contact: Oak Lemmerman     |                    |  |
| Contact Phone: 309-370-9212       | Contact Email: oak@towerdirect.net |                    |  |

#### The DuPage County Procurement Ordinance requires the following written disclosures prior to award:

1. Every contractor, union, or vendor that is seeking or has previously obtained a contract, change orders to one (1) or more contracts, or two (2) or more individual contracts with the county resulting in an aggregate amount at or in excess of \$25,000, shall provide to Procurement Services Division a written disclosure of all political campaign contributions made by such contractor, union, or vendor within the current and previous calendar year to any incumbent county board member, county board chairman, or countywide elected official whose office the contract to be awarded will benefit. The contractor, union or vendor shall update such disclosure annually during the term of a multi-year contract and prior to any change order or renewal requiring approval by the county board. For purposes of this disclosure requirement, "contractor or vendor" includes owners, officers, managers, lobbyists, agents, consultants, bond counsel and underwriters counsel, subcontractors and corporate entities under the control of the contracting person, and political action committees to which the contracting person has made contributions.

| $\boxtimes$ | NONE | (check here) | <ul> <li>If no contrib</li> </ul> | utions hav | e been made |
|-------------|------|--------------|-----------------------------------|------------|-------------|
|-------------|------|--------------|-----------------------------------|------------|-------------|

| Recipient | Donor | Description (e.g. cash, type of item, in-<br>kind services, etc.) | Amount/Value | Date Made |
|-----------|-------|---|--------------|-----------|
|           |       |   |              |           |
|           |       |   |              |           |
|           |       |   |              |           |

2. All contractors and vendors who have obtained or are seeking contracts with the county shall disclose the names and contact information of their lobbyists, agents and representatives and all individuals who are or will be having contact with county officers or employees in relation to the contractor bid and shall update such disclosure with any changes that may occur.

| $\boxtimes$ | NONE | (check | here) | - If | no | contacts | have | been | made |
|-------------|------|--------|-------|------|----|----------|------|------|------|
|-------------|------|--------|-------|------|----|----------|------|------|------|

| Lobbyists, Agents and Representatives and all individuals who ar<br>or will be having contact with county officers or employees in<br>relation to the contract or bid | e<br>Telephone | Email |  |
|---|----------------|-------|--|
|   |                |       |  |
|   |                |       |  |
|   |                |       |  |

A contractor or vendor that knowingly violates these disclosure requirements is subject to penalties which may include, but are not limited to, the immediate cancellation of the contract and possible disbarment from future county contracts.

#### Continuing disclosure is required, and I agree to update this disclosure form as follows:

- If information changes, within five (5) days of change, or prior to county action, whichever is sooner
- 30 days prior to the optional renewal of any contract
- · Annual disclosure for multi-year contracts on the anniversary of said contract
- With any request for change order except those issued by the county for administrative adjustments

The full text for the county's ethics and procurement policies and ordinances are available at: <a href="http://www.dupageco.org/CountyBoard/Policies/">http://www.dupageco.org/CountyBoard/Policies/</a>

| I hereby acknow | vledge that I | have received | , have read, and | d understánd | these requirements. |
|-----------------|---------------|---------------|------------------|--------------|---------------------|
|-----------------|---------------|---------------|------------------|--------------|---------------------|

| Authorized Signature |                |
|----------------------|----------------|
| Printed Name         | Oak Lemmerman  |
| Title                | Owner/operator |
| Date                 | Aug 26, 2024   |

Attach additional sheets if necessary. Sign each sheet and number each page. Page\_\_\_\_\_\_ of \_\_\_\_\_ (total number of pages)



File #: FI-R-0154-24 Agenda Date: 9/17/2024 Agenda #: 7.A.

#### ACCEPTANCE OF THE PUBLIC DEFENDER FUNDING AGREEMENT PY25 COMPANY 1000 - ACCOUNTING UNIT 6300 \$113,114.75

(Under the administrative direction of the DuPage County Public Defender's Office)

WHEREAS, the County of DuPage, through the DuPage County Public Defender's Office has been notified by the Administrative Office of the Illinois Courts (AOIC) that funds in the amount of \$113,114.75 (ONE HUNDRED THIRTEEN THOUSAND, ONE HUNDRED FOURTEEN AND 75/100 DOLLARS) are available to be used for the purpose of reimbursing the public defenders or public defender services; and

WHEREAS, said County of DuPage related expenses are currently being accounted for in the DuPage County Public Defender fund, Company 1000 - Accounting Unit 6300; and

WHEREAS, to receive said funds, the County of DuPage must enter into the Fiscal Year 2025 agreement with the Administrative Office of the Illinois Courts, a copy of which is attached to and incorporated as part of this resolution by reference (ATTACHMENT); and

WHEREAS, the term of the agreement is from August 20, 2024 through June 30, 2025; and

WHEREAS, no additional County funds are required to receive this funding; and

WHEREAS, acceptance of this funding does not add any additional subsidy from the County.

NOW, THEREFORE, BE IT RESOLVED by the DuPage County Board that Fiscal Year 2025 agreement with the Administrative Office of the Illinois Courts (ATTACHMENT) between the County of DuPage and the Administrative Office of the Illinois Courts is hereby accepted; and

BE IT FURTHER RESOLVED by the DuPage County Board that DuPage County Chief Circuit Judge are approved as the County's Authorized Representative; and

BE IT FURTHER RESOLVED that should state and/or federal funding cease for this agreement, the Judicial and Public Safety Committee shall review the need for continuing the specified program and related head count; and

| File #: FI-R-0154-24 | <b>Agenda Date:</b> 9/17/2024  | Agenda #: 7.A.                                   |
|----------------------|--|--|
|                      | DLVED that should the Judicial and Public oriate, it may recommend action to the Cou | •  |
| Enacted and appr     | roved this 24 <sup>th</sup> day of September, 2024 at V                              | Wheaton, Illinois.                               |
|                      |  |  |
|                      |  | DEBORAH A. CONROY, CHAIR<br>DU PAGE COUNTY BOARD |
|                      | Attest:  |  |
|                      | JEAN   | N KACZMAREK, COUNTY CLERK                        |
|                      |  |  |



# ILLINOIS SUPREME COURT PUBLIC DEFENDER FUNDING AGREEMENT

This Public Defender Funding Agreement, hereinafter "Agreement", is entered into by and between the county of \_\_\_\_\_\_\_, hereinafter "County", the Chief Circuit Judge, and the Administrative Office of the Illinois Courts, hereinafter "AOIC", for the purpose of defining the responsibilities of the County and the AOIC in regard to Public Defender Funding.

Pursuant to Public Act 103-0008, the AOIC, on behalf of the Supreme Court of Illinois, will provide the county Fiscal Year 2025 Public Defender Funding for public defenders and/or public defender services.

The AOIC agrees to the following responsibilities:

The AOIC will remit payment to the Illinois Comptroller's Office for \$113,114.75 pursuant to the
executed Agreement.

The County agrees to the following responsibilities:

Chief Circuit Judge

- By signing and submitting this Agreement and the Public Defender Funding Disbursement Invoice Voucher, the Chief Circuit Judge and County Treasurer, ensures the Public Defender Funding received will only be utilized for public defenders and/or public defender services.
- Will comply with the County's policies and procedures for the procurement of any public defenders and/or public defender services.
- Must complete the Fiscal Report for Public Defender Funding and submit to
  fiscalreporting@illinoiscourts.gov. The first report must include information through December 31.
  2024, and be submitted by January 15, 2025. The final report must include information through
  June 30, 2025 and be submitted by July 15, 2025.

This Agreement may be terminated, by either party, for failure to comply with the provisions of this Agreement.

This Agreement is effective upon signature of the Chief Circuit Judge, County Treasurer, and the AOIC.

County Treasurer

AOIC Financial Division

| Signature on file | Signature on file | Signature on file |
|-------------------|-------------------|-------------------|
| Signature         | Signature         | Signature         |
| Bonnie M. Wheaton | Gwen Henry        | Erin Moe          |
| Print/Type Name   | Print/Type Name   | Print/Type Name   |
| 8-20,-04          | 8/20/2024         | 8/24/24           |
| Date              | Date              | Dute              |

# Budget Transfer



421 N. COUNTY FARM ROAD WHEATON, IL 60187 www.dupagecounty.gov

 DuPage County, Illinois BUDGET ADJUSTMENT Effective May 29, 2024

| From:      | 1000<br>Company # | -            |   | From:      | Company/Acco   | STATE'S ATTORNEY<br>ounting Unit Name | ′                          | -                           |
|------------|-------------------|--------------|---|------------|----------------|---------------------------------------|----------------------------|-----------------------------|
|            |                   |              |   |            |                |                                       | ept Use Only               | 621/52/17 (PVY <b>2</b> 51) |
| Accounting |                   | 6 1 1        | w.,   |            |                |                                       | le Balance                 | Date of                     |
| Unit       | Account           | Sub-Account  | Title   |            | Amount         | Prior to Transfer                     |                            | Balance                     |
| 6500       | 53020             |              | INFORMATION TECHNOLOGY SVC                                | \$         | 1,600.00       | 10,885,00                             | 9,285.00                   | 8/29/24                     |
|            |                   |              |   |            |                |                                       |                            |                             |
|            |                   |              |   |            |                |                                       |                            |                             |
|            |                   |              | Total   | \$         | 1,600.00       |                                       |                            |                             |
|            |                   |              |   |            |                | STATE'S ATTORNEY                      |                            | _                           |
| To:        | 1000<br>Company#  | -            |   | To: Cor    | npany/Account  | ting Unit Name                        | Ura Oak                    |                             |
| ccounting  |                   |              |   |            |                |                                       | ept Use Only<br>le Balance | Date of                     |
| Unit       | Account           | Sub-Account  | Title   |            | Amount         | Prior to Transfer                     | After Transfer             | Balance                     |
| 6500       | 54100             | 0700         | IT EQUIPMENT - CAPITAL LEASE                              | \$         | 1,600.00       | 6,894.00                              | 8,494.00                   | 8/29/24                     |
|            |                   |              |   |            |                |                                       |                            |                             |
|            |                   |              |   |            |                |                                       |                            |                             |
|            |                   |              |   |            |                |                                       |                            |                             |
|            |                   |              | Total   | \$         | 1,600.00       |                                       |                            |                             |
| ì          | Reason for Req    |              | sudget transfer to cover anticipated expenses until the e | nd of the  | fiscal year.   |                                       |                            |                             |
|            |                   |              |   |            |                |                                       |                            |                             |
|            |                   |              |   |            |                |                                       |                            |                             |
|            |                   | L            |   | Sign       | ature d        | n file                                |                            | 129/2                       |
|            |                   |              |   |            | nent Head      | VM                                    |                            | 9/4/                        |
|            | Activity          | -            |   | Chief Fir  | ancial Officer | 100                                   |                            | Date                        |
|            |                   | (c           | pptional) ****Please sign in blue ink on                  | the origin | al form****    |                                       |                            |                             |
|            | 9                 | 4.           | Finance Department Use On                                 | у          |                |                                       |                            |                             |
| F          | iscal Year 2      | H Budget Jou | rmal # Acctg Period                                       |            |                |                                       |                            |                             |
| E          | intered By/Dat    | te           | Released & Posted   | By/Date_   |                |                                       |                            |                             |

JPS-9/17/24 FIN/CB-9/24/24



# Change Order



421 N. COUNTY FARM ROAD WHEATON, IL 60187 www.dupagecounty.gov





#### **Request for Change Order**

**Procurement Services Division** 

Attach copies of all prior Change Orders

Date: Aug 29, 2024
MinuteTraq (IQM2) ID #: 24-2394

| Purchase Order #  | #: 6612-1-SERV Original Order Da  | Purchase<br>Sep 12, 2023                  | Change Order #:                               | Department: Sheriff's Office                      |  |
|---|---|---|---|---|--|
| Vendor Name: Li   | DV, Inc   |   | Vendor #: 39540                               | <b>Dept Contact:</b> Colleen Zbilski              |  |
| Background<br>and/or Reason<br>for Change<br>Order Request: | HDU Response Vehicle.<br>Extend contract to May 31  | , 2025. No change in                      | contract total.                               |   |  |
|   |   | IN ACCORDANCE                             | WITH 720 ILCS 5/33E-9                         |   |  |
| (A) Were not r  | easonably foreseeable at the  |   |   |   |  |
| (B) The change  | e is germane to the original co   | ontract as signed.                        |   |   |  |
| (C) Is in the be  | st interest for the County of D   | ouPage and authorized l                   | by law.                                       |   |  |
|   |   | INCREAS                                   | SE/DECREASE                                   |   |  |
| A Starting con  | ntract value  |   |   | \$838,020.00                                      |  |
| B Net \$ chang  | e for previous Change Orders  |   |   |   |  |
| C Current con   | tract amount (A + B)  | 1100                                      |   | \$838,020.00                                      |  |
| D Amount of t   | his Change Order  | Increase                                  | Decrease                                      |   |  |
| E New contrac   | ct amount (C + D)   |   |   | \$838,020.00                                      |  |
| F Percent of c  | urrent contract value this Cha  | nge Order represents ([                   | D/C)  | 0.00%   |  |
| G Cumulative  | percent of all Change Orders  | (B+D/A); (60% maximum o                   | n construction contracts)                     | 0.00%   |  |
|   |   | DECISION MEN                              | MO NOT REQUIRED                               |   |  |
| Change budge  | Cancel entire order  Close Contract  Contract Extension (29 days)  Consent Only  to:  Increase/Decrease quantity from:  Should be:  |   |   |   |  |
| and close cont  | 1 1   | ncrease encumbrance<br>and close contract | Decrease encur                                | nbrance Increase encumbrance                      |  |
|   |   | DECISION N                                | IEMO REQUIRED                                 |   |  |
| Increase ≥ \$2,5  | Increase (greater than 29 days) contract expiration from: Sep 11, 2024 to: May 31, 2025     Increase ≥ \$2,500.00, or ≥ 10%, of current contract amount   Funding Source     OTHER - explain below: |   |   |   |  |
| CZ<br>Prepared By (Initia                                   | 2122<br>Phone Ext   | Aug 29, 2024<br>Date                      | CZ<br>Recommended for Approv                  | 2122 Aug 29, 2024<br>al (Initials) Phone Ext Date |  |
|   |   | REVIEWED E                                | BY (Initials Only)                            |   |  |
| Buyer   |   | Date                                      | Procurement Officer                           | 8/30/2024<br>Pate                                 |  |
| Chief Financial Offi<br>(Decision Memos (                   |   | Date                                      | Chairman's Office<br>(Decision Memos Over \$2 | 5.000) Date                                       |  |



#### **Decision Memo**

#### **Procurement Services Division**

This form is required for all Professional Service Contracts over \$25,000 and as Otherwise required by the Procurement Review Checklist.

Date: Aug 29, 2024

File ID #: 24-2397

Purchase Order #: 6612-0001-SERV

| Requesting Department: Sheriff                | Department Contact: Dan Bilodeau |  |
|---|----------------------------------|--|
| Contact Email: dan.bilodeau@dupagesheriff.org | Contact Phone: 630-407-2402      |  |
| Vendor Name: LDV                              | Vendor #: 39540                  |  |

Action Requested - Identify the action to be taken and the total cost; for instance, approval of new contract, renew contract, increase contract, etc.

Extension of the PO due to lead/build time for the vehicle while budgeted and approved in FY24, the vehicle will not be completed until FY25

Summary Explanation/Background - Provide an executive summary of the action. Explain why it is necessary and what is to be accomplished.

These are custom built vehicles and the anticipated completion of this vehicle is Feb-March 2025. The funds are encumbered by finance and included in the FY 25 budget

Original Source Selection/Vetting Information - Describe method used to select source.

This source was selected and approved in FY24 and this is just and extension of the PO to FY25

**Recommendations/Alternatives** - Describe staff recommendation and provide justification. Identify at least 2 other options to accomplish this request.

Recommended to approve the extension of the PO for the completion of the build.

**Fiscal Impact/Cost Summary** - Include projected cost for each fiscal year, approved budget amount and account number, source of funds, and any future funding requirements along with any narrative.

Funds have already been approved and encumbered and this is just an extension to the PO. Extend contract to May 31, 2025.



421 N. COUNTY FARM ROAD WHEATON, IL 60187 www.dupagecounty.gov

| GPN Number: 031-24  |  |               | [                   | Date of Notification:   | 08/21/202<br>(MM/DD/YYYY |  |
|---|--|---------------|---------------------|-------------------------|--------------------------|--|
| (Completed by Finance Departmen                                 | nt)  |               |                     |                         |                          |  |
| Parent Committee Agenda Date<br>(Completed by Finance Departmen |  |               | Grant Ap            | pplication Due Date: _  | 08/31/202<br>(MM/DD/YYY  |  |
| Name of Grant:  | Emergency  | Manager       | ment Perfo          | rmance Grant            | FFY 2024                 |  |
| Name of Grantor:  | Illinois Emergency Management Agency   |               |                     |                         |                          |  |
| Originating Entity:   |  | <b>.</b>      |                     | meland Secur            |                          |  |
| County Department:  | Office of Homeland Security and Emergency Management   |               |                     |                         |                          |  |
| Department Contact:   | Craig Dieckman, Director, x 2916  (Name, Title, and Extension)                                 |               |                     |                         |                          |  |
| Parent Committee:   | Judicial and Public Safety Committee   |               |                     |                         |                          |  |
| Grant Amount Requested:   | \$ 564,700.00  |               |                     |                         |                          |  |
| Type of Grant:  | Formula  (Competitive, Continuation, Formula, Project, Direct Payment, Other – Please Specify) |               |                     |                         |                          |  |
| ls this a new non-recurring Grar                                | _  | Yes           | wia, Project, Direc | ct Payment, Other – Pie | ase specify              |  |
| Source of Grant:  | [  | ✓ Federal     | State               | Private                 | ] Corporate              |  |
| If Federal, provide CFDA: $9$                                   | 7 042  | State, provid | e CSFA:             | 40-0450                 |                          |  |

Page 1 of 5

| 1. | Justify the department's need for this grant.  |   |  |          |
|----|--|---|--|----------|
|    | The DuPage OHSEM develops plans and conducts trainings & exe departments and local first responders for real-world incidents and OHSEM assists and supports municipalities during emergencies. To with local municipalities and first responders to assist with Recove DuPage OHSEM complies with the Illinois Emergency Management addition to supporting local, state, and federal partners. | nd large planned e<br>The DuPage OHSEN<br>ery following eme | vents. The D<br>A also coordi<br>rgencies. The | nates    |
| 2. | Based on the County's Strategic Plan, which strategic imperative(s) corrbrief explanation.   | relate with funding o                                       | pportunity. P                                  | rovide a |
|    | Community Well-Being & Safe Community: The DuPage OHSEM develops the county-wide emergency operation with the development of their EOP as well. The DuPage OHSEM partiawareness of emergency preparedness best practices and shares best and municipal partners.   | icipates in local eve                                       | nts to increas                                 | se       |
| 3. | What is the period covered by the grant?   | 10/01/2024<br>(MM/DD/YYYY)                                  | to: 09/30                                      | 0/2025   |
|    | 3.1. If period is unknown, estimate the year the project or project phas   |   |  |          |
| 1. | 3.1.1 and (Duration)  Will the County provide "seed" or startup funding to initiate grant projections.   | ect? (Yes or No)  | _  | No       |
|    | 4.1. If yes, please identify the Company-Accounting Unit used for the fu   | unding _  |  |          |
| 5. | If grant is awarded, how is funding received? (select one):  |   |  |          |
|    | 5.1. Prior to expenditure of costs (lump-sum reimbursement upfront)  |   |  |          |

5.2. After expenditure of costs (reimbursement-based)

| 6. | Does the grant allow   | for Personn   | el Costs? (Yes or No)      |                                     | Yes                     |
|----|--|---------------|----------------------------|-------------------------------------|-------------------------|
|    | 6.1. If yes, what are the total projected salary and fringe benefit costs of personnel charging the entire term of the grant? Compute County-provided benefits at 40%. |               |                            |                                     | g time to the grant for |
|    | 6.1.1. Total salar   | У .           | \$886,637.39               | _ Percentage covered by grant       | 50%                     |
|    | 6.1.2. Total fringe  | e benefits    | \$240,880.00               | _ Percentage covered by grant       | 50%                     |
|    | 6.1.3. Are any of  | the County-   | provided fringe benefits   | disallowed? (Yes or No):            | No                      |
|    | 6.1.3.1. I   | f yes, which  | ones are disallowed?       |                                     |                         |
|    |  | f the grant c |                            | ne personnel costs, from what Com   | npany-Accounting Unit   |
|    |  |               | 1000-1900                  |                                     |                         |
|    |  |               | uire the hiring of additio |                                     | No                      |
|    | 6.2.1. If yes, how   | many new      | positions will be created  | ?                                   |                         |
|    | 6.2.1.1. F   | ull-time      | Part-time                  | Temporary                           | -                       |
|    | 6.2.1.2. \   | Will the head | dcount of the new position | on(s) be placed in the grant accoun | ting unit? (Yes or No)  |
|    | 6.2.1.2.1  | . If no       | , in what Company-Acco     | unting Unit will the headcount(s) b | •                       |

|   | 6.3. Does the gran    | t award require the positions to be retained beyond the grant te  | erm? (Yes or No) | No   |
|---|-----------------------|---|------------------|------|
| 6.3.1. If yes, please answer the following: |                       |   |                  |      |
|   | 6.3.1.1.              | How many years beyond the grant term?                             |                  |      |
|   | 6.3.1.2.              | What Company-Accounting Unit(s) will be used?                     |                  |      |
|   | 6.3.1.3.              | Total annual salary   |                  |      |
|   | 6.3.1.4.              | Total annual fringe benefits                                      |                  |      |
| 7.  | Does the grant allo   | w for direct administrative costs? (Yes or No)                    |                  | No   |
| 7.1. If yes, please answer the following:   |                       |   |                  |      |
|   | 7.1.1. Total est      | imated direct administrative costs for project                    |                  |      |
|   | 7.1.2. Percenta       | ge of direct administrative costs covered by grant                |                  |      |
|   | 7.1.3. What pe        | rcentage of the grant total is the portion covered by the grant   |                  |      |
| 8.  | What percentage of    | of the grant funding is non-personnel cost / non-direct administr | ative cost?      | 0.2% |
| 9.  | Are matching fund     | s required? (Yes or No):  |                  | Yes  |
|   | 9.1. If yes, please a | answer the following:   |                  |      |
|   | 9.1.1. What pe        | rcentage of match funding is required by granting entity?         |                  | 50%  |
|   | 9.1.2. What is t      | the dollar amount of the County's match?                          | \$564,700        | 0.00 |
|   |                       |   |                  |      |

| 9.1.3.         | What Company-Accounting Unit(s) will provide the matching requirement?        | 1000-1900      |
|----------------|---|----------------|
| 10. What amo   | ount of funding is already allocated for the project?                         | \$0.00         |
| 10.1.          | If allocated, in what Company-Accounting Unit are the funds located?          |                |
| 10.2.          | Will the project proceed if the funding opportunity is not awarded? (Yes or N | No): Yes       |
| 11. What is th | e total project cost (Grant Award + Match + Other Allocated Funding)?         | \$1,129,400.00 |

### Informational





# **DUPAGE COUNTY PUBLIC DEFENDER**



Jeffrey R. York, Chief Public Defender

September 5, 2024

Ms. Lucy Chang Evans Chairwoman of the Judicial Public Safety Committee County Board Offices 421 N. County Farm Road Wheaton, IL 60187

RE: Monthly Statistical Report

Dear Ms. Chang Evans:

Pursuant to 55 ILCS 5/3-4010, enclosed is a copy of the monthly report of services rendered by the Public Defender's Office through August 31, 2024.

Sincerely,

Signature on file

JEFFREY R. YORK
Public Defender of DuPage County

JRY/mb encl.

## Public Defender's Office - New Case Appointments - August 2024

| Case Type                     | Case Sub Type      | Number of Cases |
|-------------------------------|--------------------|-----------------|
| Criminal                      | Felony             | 190             |
| Criminal                      | Misdemeanor        | 307             |
| Juvenile Abuse and Neglect    |                    | 8               |
| Juvenile Delinquency          |                    | 28              |
| Mental Health & Miscellaneous |                    | 40              |
| Pre-Trial First Appearance    |                    | 585             |
| Pre-Trial Detention           |                    | 152             |
| PTR                           | Felony/Misdemeanor | 100             |
| Total                         |                    | 1410            |

