

**SECTION 00 90 01
BIDDING AND CONTRACT REQUIREMENTS
ADDENDUM NUMBER 1**

**Demonica Kemper Architects
125 N. Halsted Street, Suite 301
Chicago, IL 60661
312.496.0000**

To: Prospective Bidders

Issued: April 28, 2026

Re: ADDENDUM NUMBER (1) TO THE BIDDING DOCUMENTS FOR

**Fire Tower Replacement
Issued for Bid**

Architect's Project Number: 25-028

This addendum forms a part of the bidding and contract documents and modifies the original bidding documents dated April 21, 2026. Acknowledge receipt of this addendum in the space provided on Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

ADDENDA TO THE PROJECT MANUAL

1. 00 41 13 – BID FORM
 - A. **ADD** alternate number 3.
 - B. Note that the full spec section has been reissued for clarity.
2. 01 23 00 – ALTERNATES
 - A. **ADD** alternate number 3.
 - B. Note that the full spec section has been reissued for clarity.

ADDENDA TO THE DRAWINGS

CIVIL

1. C-02
 - A. **ADD** limits of new radio tower access drive and associated note.
2. C-03
 - A. **ADD** bid alternate #3 note and limits of concrete removal & replacement.
 - B. **ADD** concrete pad around existing fire hydrant.
 - C. **ADD** concrete dumpster pad.
 - D. **ADD** concrete section detail for dumpster pad.
 - E. **REVISE** note for radio tower access drive.
 - F. **REVISE** bid alternate number for temporary radio tower access drive.
3. C-04
 - A. **ADD** concrete pad around existing fire hydrant & associated grading.
 - B. **ADD** concrete dumpster pad & associated grading.
 - C. **DELETE** backside of concrete ramps for both buildings.
4. C-05
 - A. **ADD** concrete pad around existing fire hydrant & associated grading.
 - B. **ADD** concrete dumpster pad & associated grading.
 - C. **DELETE** backside of concrete ramps for both buildings.

ARCHITECTURAL

1. A1.10
 - A. **ADD** concrete pad for dumpsters. See Civil drawings.
 - B. **ADD** concrete slab around existing fire hydrant. See Civil Drawings.

2. A4.00
 - A. **REVISE** exterior lighting locations on all elevations. See Electrical drawings.

ELECTRICAL

1. E1.00
 - A. **ADD** note for installation of conduits below concrete drive.
 - B. **REVISE** note for conduit stub out to future SCBA maze building.
2. E1.10
 - A. **ADD** general note #6 to drawing.
 - B. **ADD** luminaire shown on 'FIRST FLOOR ELECTRICAL PLAN'.
 - C. **ADD** luminaire shown on 'SECOND FLOOR ELECTRICAL PLAN'.
3. E1.20
 - A. **ADD** general note #6 to drawing.
 - B. **REVISE** luminaires shown on 'THIRD FLOOR ELECTRICAL PLAN'.
 - C. **REVISE** luminaires shown on 'FOURTH FLOOR ELECTRICAL PLAN'.
4. E2.00
 - A. **REVISE** 'LUMINAIRE SCHEDULE' as shown.
 - B. **REVISE** 'LIGHTING CONTROL RELAY PANEL SCHEMATIC DIAGRAM'.

CLARIFICATIONS

1. None.

This addendum consists of 2 pages, excluding attachments.

END 00 90 01.

Attachments:

1. 00 41 13 – BID FORM
2. 01 23 00 – ALTERNATES
3. C-02, C-03, C-04, C-05
4. A1.10, A4.00
5. E1.00, E1.10, E1.20, E2.00

SECTION 00 41 13 - BID FORM

To: McHenry County College
8900 US Hwy 14
Crystal Lake, IL 60012

Project: Fire Tower Replacement

Date: _____

Submitted by: _____

(Full name and address)

PART 1 - OFFER

Having examined the site and having familiarized itself with the conditions affecting the cost of the work associated with the project and with the bidding documents, Bidder hereby proposes to perform everything required and to furnish all labor, materials, necessary tools, expendable equipment, and transportation services necessary to complete in a workmanlike manner the subdivision of work stated above in accordance with the bidding documents for the following sums:

Base Bid:

We have included, attached herewith, the Bid Bond as required by the Instructions to Bidders.

The Bidder agrees to perform the work for the lump sum amount of:

TOTAL BASE BID \$ _____ (in figures)

_____ (in words)

Allowances:

The undersigned hereby states that all allowance amounts, as described in Section 01 21 00, are included in the Total Base Bid proposal amount listed above.

ALLOWANCE NO. 1: Unforeseen Conditions Allowance of \$15,000.00

Alternate Bids:

The undersigned hereby states the net amount of decrease or increase to the Lump Sum Base Bid for the following Alternates as described in Section 01 23 00.

ALTERNATE No. 1: Deduct from the Lump Sum Base Bid to eliminate the Liquidated Damages Clause from the Contract.

Total, Alternate No. 1: \$ _____

ALTERNATE No. 2: Deduct from the Lump Sum Base Bid to provide a temporary access drive in lieu of the concrete drive connecting the radio tower parking lot to the storage building access road.

Total, Alternate No. 2: \$ _____

ALTERNATE No. 3: Add to the Lump Sum Base Bid to remove and replace the existing concrete drive adjacent to fire tower noted as existing to remain in the base bid. Refer to Civil drawings for extents.

Total, Alternate No. 3: \$ _____

PART 3 - ACCEPTANCE

This offer shall be open to acceptance and is irrevocable for thirty (90) days from the Bid closing date.

If the bid is accepted by the Owner within the time period stated above, we will:

- A. Execute the Agreement within ten (10) days of receipt of Notice of Award.
- B. Furnish the required bonds within ten (10) days of receipt of Notice of Award in the form described in the Supplementary Conditions.
- C. Furnish the required Certificate of Insurance within ten (10) days of receipt of Notice of Award in the form and amounts described in the Supplementary Conditions.
- D. Commence work as established by the written Notice to Proceed.

If this Bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bonds(s), the Security Deposit shall be forfeited as damages to the Owner by reason of our failures.

In the event our Bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

PART 4 - CONTRACT TIME

If the Bid is accepted, we will:

- A. Complete the work in manner consistent to meet the requirements of the schedule.
- B. Contractor has examined the Schedule included in these documents and takes no exception, or records the following exceptions:

PART 5 - CONTRACTOR'S FEES FOR CHANGES IN THE WORK

Lump Sum or Time and Materials Changes: We, the undersigned bidder, agree that the following percentages for overhead and profit shall be added to costs for the net amount of work added to, or deleted from, the contract by written lump sum or time and material change orders recommended by the Architect and approved by the Owner:

- A. On Contractor's direct net cost: 15%, with a minimum fee of one hundred dollars (\$100.00).

B. On first-tier Subcontractor's net cost: 5%, with a minimum fee of fifty dollars (\$50.00). Net cost includes all sub-subcontractors work, and excludes subcontractors (all tiers) overhead and profit amounts.

Note: Insurance, bond, and taxes are considered as job cost items and are included in the percentages listed above.

PART 6 - ADDENDA

The following Addenda have been received. The modifications to the Bid Documents noted therein have been considered and all costs thereto are included in the Bid Sum.

Addendum # ____ Dated _____ Addendum # ____ Dated _____

Addendum # ____ Dated _____ Addendum # ____ Dated _____

PART 7 - SUBCONTRACTORS

Identify below which work will be completed by the General Contractor's own forces and which work will be completed by first tier Subcontractors. Include Subcontractors name and estimated contract amount.

Scope of Work	GC/Sub.	Name	Est. Contract Amount
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

PART 8 - BID FORM SIGNATURE(S)

The Corporate Seal of:

(Bidder – please print the full name of your Proprietorship or Corporation)

Was hereunto affixed in the presence of:

(Authorized signing officer)

(Title)

(Seal)

END OF SECTION 00 41 13

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
 - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated revisions to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.
- D. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

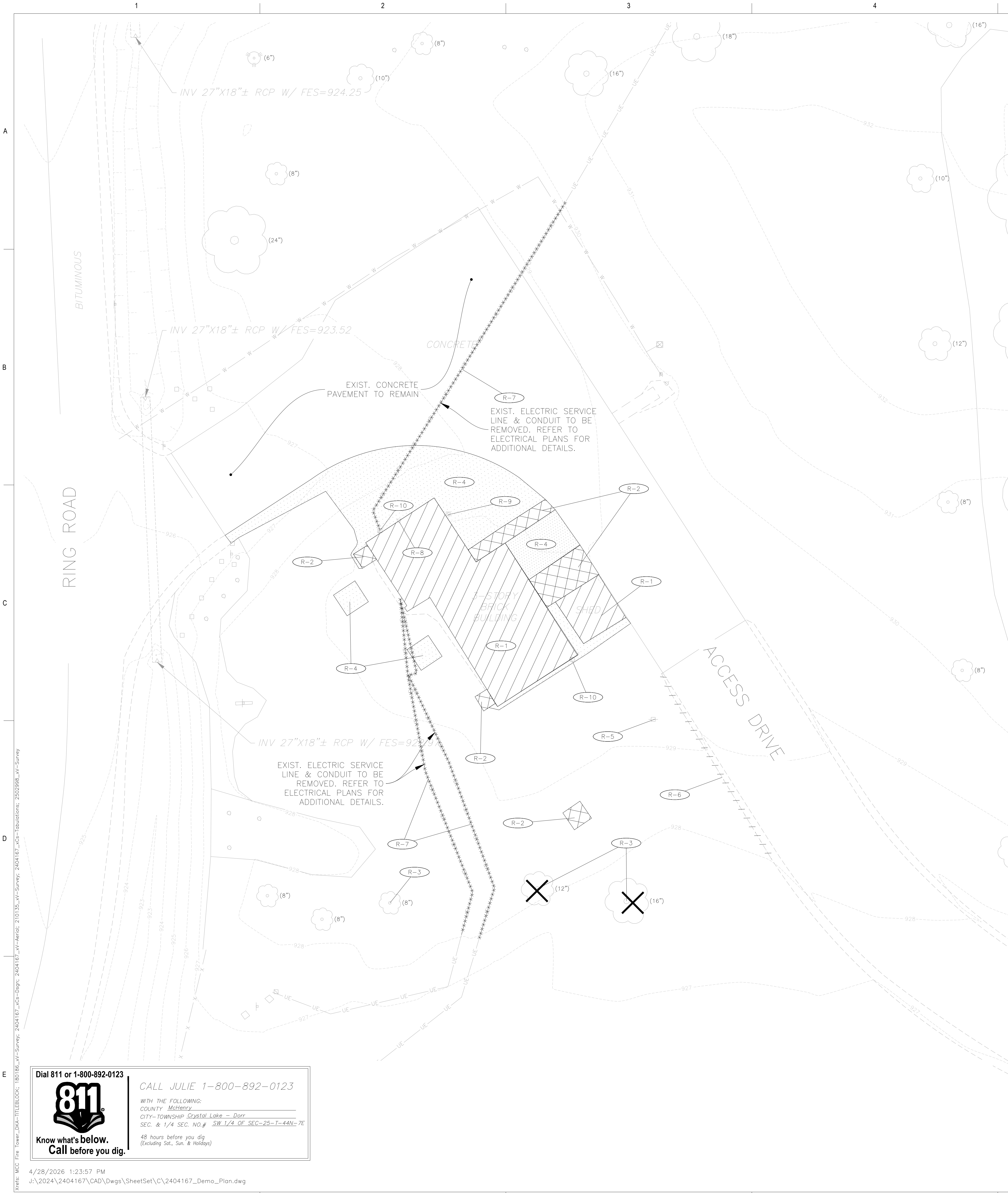
PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- A. ALTERNATE NO. 1: **DEDUCT** from the Lump Sum Base Bid to eliminate the Liquidated Damages Clause from the Contract.
- B. ALTERNATE NO. 2: **DEDUCT** from the Lump Sum Base Bid to provide a temporary access drive in lieu of the concrete drive connecting the radio tower parking lot to the storage building access road.
- C. ALTERNATE NO. 3: **ADD** to the Lump Sum Base Bid to remove and replace the existing concrete drive adjacent to fire tower noted as existing to remain in the base bid. Refer to Civil drawings for extents of removal and replacement required.

END OF SECTION 01 23 00



- PROJECT NOTES:**
- LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY GOVERNING AUTHORITIES. IN ADDITION TO, NO LAND CLEARING OR GRADING SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED. SEE SHEETS C-06 THRU C-08 FOR EROSION CONTROL MEASURES.
 - ALL EXISTING UTILITIES TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL COORDINATE AND COMPLY WITH ALL UTILITY COMPANIES INVOLVED IN PROJECT AND PAY ALL REQUIRED FEES AND COSTS.
 - ALL STRUCTURES & DEBRIS SHALL BE REMOVED PRIOR TO RECONNECTED OR CONNECTED TO THE NEAREST STORM SEWER.
 - ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 - CONTRACTOR TO KEEP RING ROAD (CIRCLE DR.) OPEN AT ALL TIMES.
 - THE CONTRACTOR IS CAUTIONED NEITHER TO OBSTRUCT NOR REMOVE ANY EXISTING PAVEMENT, NOR TO DISTURB THE EXISTING TRAFFIC PATTERNS MORE THAN IS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.

- STAGING NOTE:**
(STAGING SUBJECT TO CHANGES PER SITE CONTRACTORS SCHEDULE AND METHODS OF OPERATION)
- EROSION CONTROL MEASURES
 - PLAN REMOVALS
 - GRADING
 - BUILDING CONSTRUCTION
 - PAVING
 - TOPSOIL RESPREAD/SEED

- LEGEND**
- INDICATES BUILDING/FOUNDATION REMOVAL
 - INDICATES CONCRETE REMOVAL (FULL DEPTH) (SEE TAGS FOR INFORMATION)
 - INDICATES LANDSCAPE/ROCK MULCH REMOVAL
 - INDICATES MISC. REMOVAL ITEMS
 - INDICATES EXIST. CONCRETE CURB & GUTTER OR WALL TO BE REMOVED
 - INDICATES TREE AND BRUSH REMOVAL (SEE LANDSCAPE PLANS)
 - INDICATES TREE AND BRUSH PROTECTION
 - INDICATES PAVEMENT SAWCUT
 - INDICATES UTILITY LINE REMOVAL

- NOTES:**
- MCHENRY COUNTY COLLEGE (MCC) SHALL BE NOTIFIED OF ALL NON IDENTIFIED UNDERGROUND UTILITIES OR CONDUITS DISCOVERED DURING CONSTRUCTION. IF ANY OF THE UTILITY OR CONDUITS NEED TO BE REPAIRED, PLUGGED, REROUTED AND OR ABANDONED IN PLACE, IT SHALL TAKE PLACE PER THE DIRECTION OF THE MCC.
 - ALL NON-PAVED DISTURBED AREAS SHALL BE RESTORED W/ 6" TOPSOIL AND CL 1A SEED W/ EXCELSIOR BLANKET

- REMOVAL NOTES:**
- ALL REMOVALS IN NON-PAVED AREAS DENOTED TO REQUIRE CLEARING AND GRUBBING SHALL INCLUDE TOPSOIL STRIP AND STOCKPILE AS PART OF THE REMOVAL UNLESS OTHERWISE NOTED.

REMOVAL TAGS:

NUMBER	DESCRIPTION	REMARKS
R-1	BUILDING	REMOVE (FULL DEPTH)
R-2	CONCRETE PAVEMENT/SIDEWALK	REMOVE (FULL DEPTH)
R-3	TREE	REMOVE
R-4	ROCK MULCH	REMOVE
R-5	LIGHT POLE	REMOVE
R-6	SHOULDER/CURB	REMOVE
R-7	ELECTRIC SERVICE	REMOVE / RELOCATE
R-8	WATER METER	REMOVE
R-9	GAS METER	REMOVE
R-10	ELECTRIC METER	REMOVE



ARCHITECT:
DEMONICA KEMPER ARCHITECTS
125 N. HALSTED STREET, SUITE 301
CHICAGO, IL 60661
P: 312.496.0000

STRUCTURAL ENGINEER:
IMEG CORP
263 SHUMAN BLVD, SUITE 550
NAPERVILLE, IL, 60563
P: 630.527.2320

CIVIL ENGINEER:
HR GREEN
1391 CORPORATE DRIVE, SUITE 203
MCHENRY, IL, 60050
P: 815.385.1778

ELECTRICAL ENGINEER:
2010 ENGINEERING
1216 TOWER ROAD,
SCHAUMBURG, IL 60173
P: 847.882.2010

McHenry County College
Fire Tower Replacement
8900 Northwest Hwy #14, Crystal Lake, IL 60012
DKA PROJECT NO: 25-028

KEY PLAN:

SHEET STATUS: 04/28/2026
ISSUED FOR BID - NOT FOR CONSTRUCTION

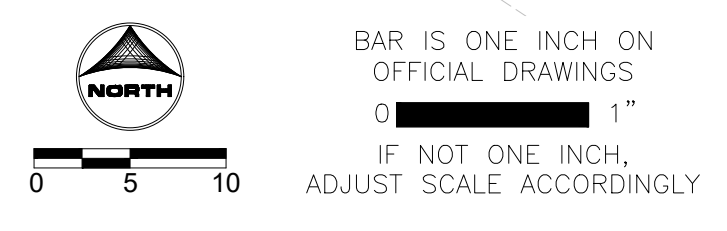
NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 1	04/28/26

SHEET TITLE:
SITE DEMOLITION PLAN

SHEET NUMBER:
C-02

Dial 811 or 1-800-892-0123
811
Know what's below.
Call before you dig.

CALL JULIE 1-800-892-0123
WITH THE FOLLOWING:
COUNTY McHenry
CITY-TOWNSHIP Crystal Lake - Dorr
SEC. & 1/4 SEC. NO.# SW 1/4 OF SEC-25-T-44N-7E
48 hours before you dig
(Excluding Sat., Sun. & Holidays)



ISSUED FOR BID - NOT FOR CONSTRUCTION

BID ALTERNATE NO. 3:

- ADD TO THE LUMP SUM BASE BID TO REMOVE AND REPLACE EXISTING CONCRETE DRIVE WITH A NEW CONCRETE DRIVE.

BID ALT NO. 3 (SEE NOTE)

PROJECT NOTES:

- LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY GOVERNING AUTHORITIES. IN ADDITION TO, NO LAND CLEARING OR GRADING SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED. SEE SHEET C-06 & C-08 FOR EROSION CONTROL MEASURES.
- ALL EXISTING UTILITIES TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE AND COMPLY WITH ALL UTILITY COMPANIES INVOLVED IN PROJECT AND PAY ALL REQUIRED FEES AND COSTS.
- ALL STRUCTURES & DEBRIS SHALL BE REMOVED PRIOR TO CONSTRUCTION & DISPOSED OF OFFSITE.
- ANY EXISTING FIELD DRAIN TILES ENCOUNTERED SHALL BE RECONNECTED OR CONNECTED TO THE NEAREST STORM SEWER.
- ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- CONTRACTOR TO KEEP RING ROAD (CIRCLE DR.) OPEN AT ALL TIMES.
- THE CONTRACTOR IS CAUTIONED NEITHER TO OBSTRUCT NOR REMOVE ANY EXISTING PAVEMENT, NOR TO DISTURB THE EXISTING TRAFFIC PATTERNS MORE THAN IS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.

SITE DATA:

- PIN: 13-25-300-021
- PROPOSED LIMITS OF DISTURBANCE AREA: 21,717± SQ. FT. (0.50 ACRES)
- EXISTING IMPERVIOUS WITHIN LIMITS OF DISTURBANCE AREA: 2,861± SQ. FT. (12.84%)
- PROPOSED IMPERVIOUS WITHIN LIMITS OF DISTURBANCE AREA: 11,455± SQ. FT. (52.75%)
- NET CHANGE IN IMPERVIOUS AREA: 8,594± SQ. FT. INCREASE

BUILDING AREA:

- PROPOSED BUILDING TO BE CONSTRUCTED PER ARCHITECTURAL PLANS.

PARKING DATA:

- NO PROPOSED CHANGES TO EXISTING PARKING.

NOTES:

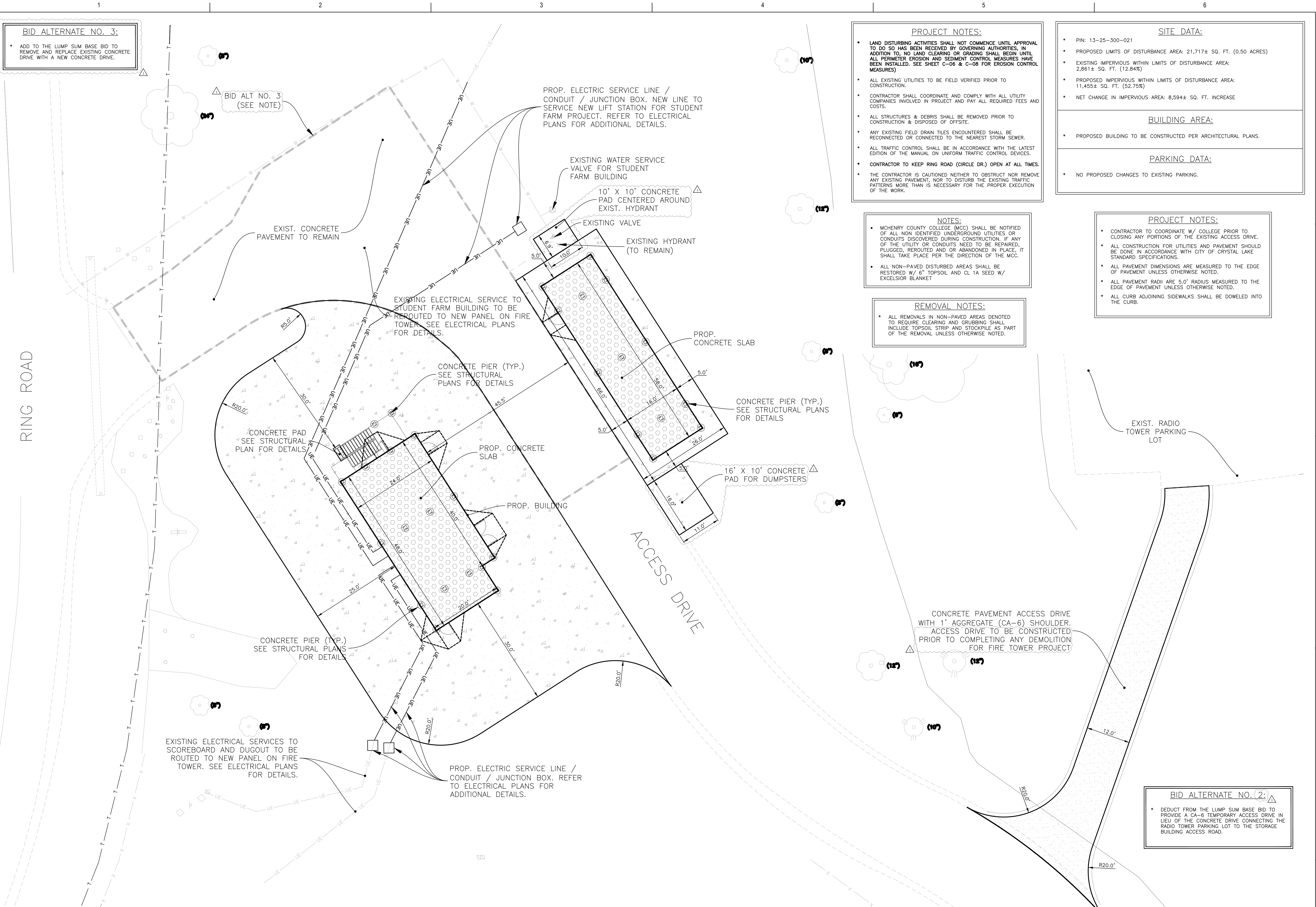
- MCHENRY COUNTY COLLEGE (MCC) SHALL BE NOTIFIED OF ALL NON IDENTIFIED UNDERGROUND UTILITIES OR CONDUITS DISCOVERED DURING CONSTRUCTION. IF ANY OF THE UTILITY OR CONDUITS NEED TO BE REPAIRED, PLUGGED, REROUTED AND/OR ABANDONED IN PLACE, IT SHALL TAKE PLACE PER THE DIRECTION OF THE MCC.
- ALL NON-PAVED DISTURBED AREAS SHALL BE RESTORED W/ 6" TOPSOIL AND QL 1A SEED W/ EXCELSIOR BLANKET

PROJECT NOTES:

- CONTRACTOR TO COORDINATE W/ COLLEGE PRIOR TO CLOSING ANY PORTIONS OF THE EXISTING ACCESS DRIVE.
- ALL CONSTRUCTION FOR UTILITIES AND PAVEMENT SHOULD BE DONE IN ACCORDANCE WITH CITY OF CRYSTAL LAKE STANDARD SPECIFICATIONS.
- ALL PAVEMENT DIMENSIONS ARE MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL PAVEMENT RADI ARE 5.0' RADIUS MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL CURB ADJOINING SIDEWALKS SHALL BE DOWELED INTO THE CURB.

REMOVAL NOTES:

- ALL REMOVALS IN NON-PAVED AREAS DENOTED TO REQUIRE CLEARING AND GRUBBING SHALL INCLUDE TOPSOIL STRIP AND STOCKPILE AS PART OF THE REMOVAL UNLESS OTHERWISE NOTED.



EXISTING ELECTRICAL SERVICES TO SCOREBOARD AND DUGOUT TO BE ROUTED TO NEW PANEL ON FIRE TOWER. SEE ELECTRICAL PLANS FOR DETAILS.

PROP. ELECTRIC SERVICE LINE / CONDUIT / JUNCTION BOX. REFER TO ELECTRICAL PLANS FOR ADDITIONAL DETAILS.

CONCRETE PAVEMENT ACCESS DRIVE WITH 1' AGGREGATE (CA-6) SHOULDER. ACCESS DRIVE TO BE CONSTRUCTED PRIOR TO COMPLETING ANY DEMOLITION FOR FIRE TOWER PROJECT.

BID ALTERNATE NO. 2:

- DEDUCT FROM THE LUMP SUM BASE BID TO PROVIDE A CA-6 TEMPORARY ACCESS DRIVE IN LIEU OF THE CONCRETE DRIVE CONNECTING THE RADIO TOWER PARKING LOT TO THE STORAGE BUILDING ACCESS ROAD.



ARCHITECT:
 DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

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 263 SHUMAN BLVD, SUITE 550
 NAPERVILLE, IL, 60563
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ELECTRICAL ENGINEER:
 20/10 ENGINEERING
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 SCHAMBURG, IL 60173
 P: 847.882.2010

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Fire Tower Replacement
 8900 Northwest Hwy #14, Crystal Lake, IL 60012
 DKA PROJECT NO: 25-028

KEY PLAN:

SHEET STATUS: 04/28/2026
ISSUED FOR BID - NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 1	04/28/26

SHEET TITLE:
SITE & UTILITY PLAN

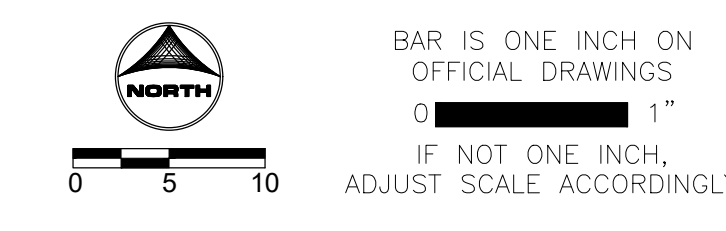
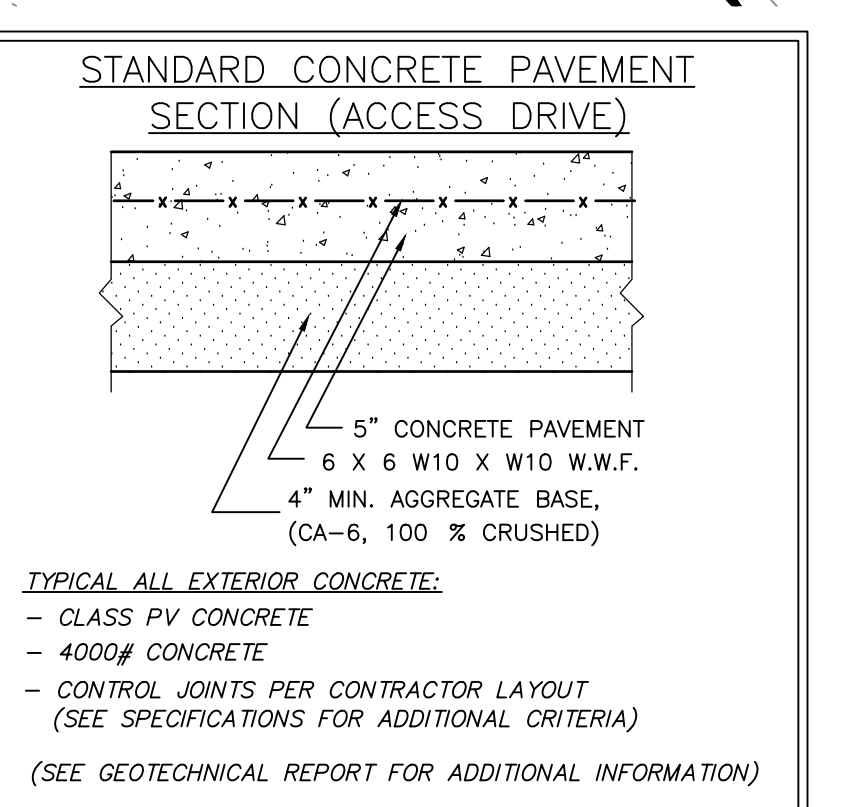
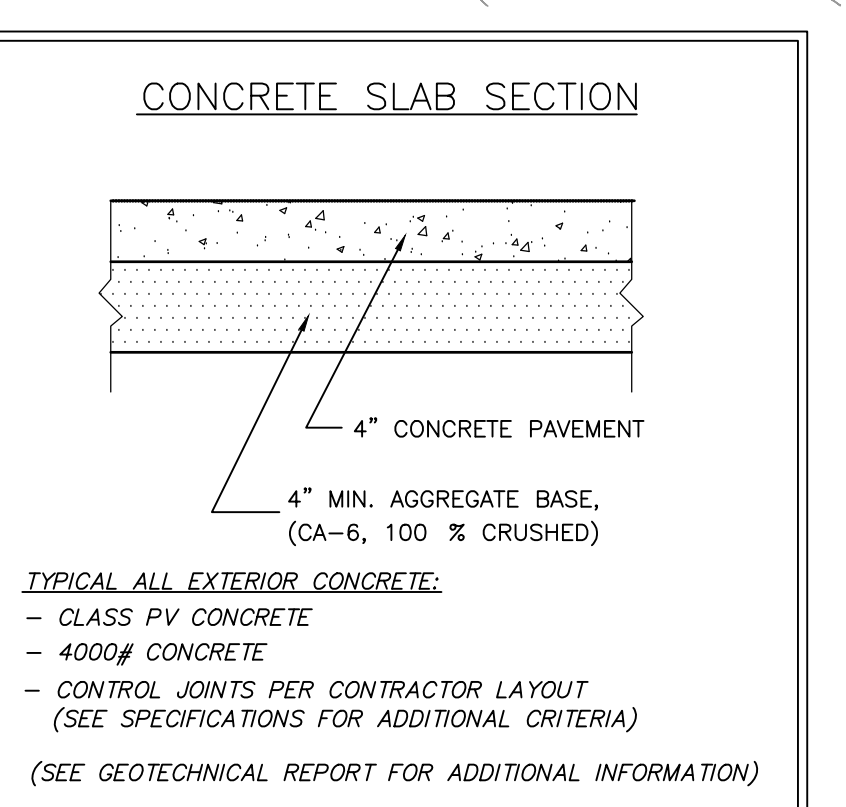
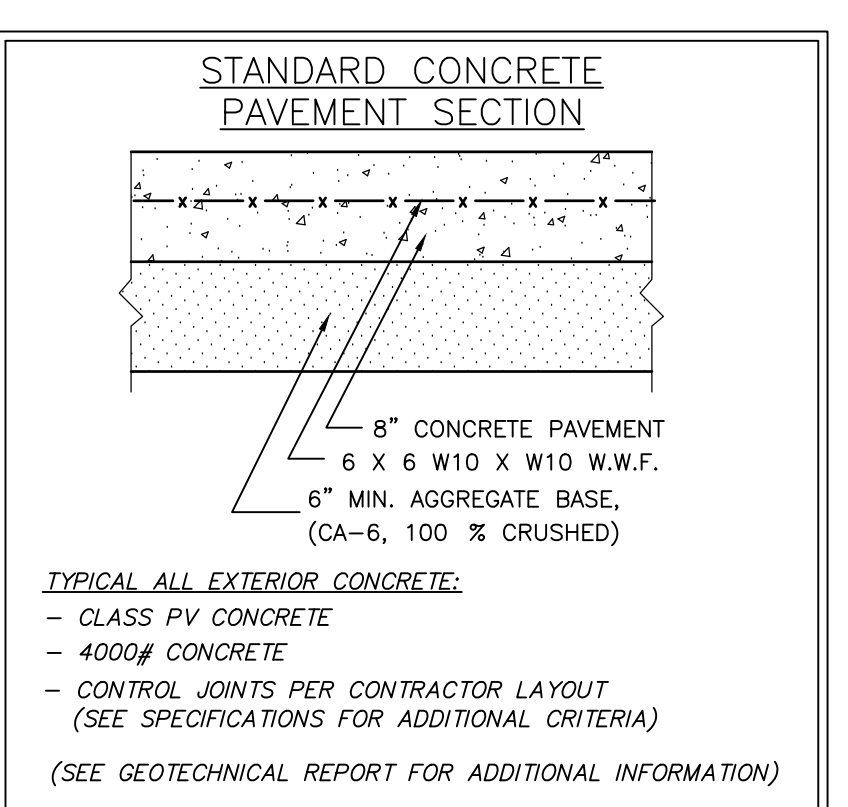
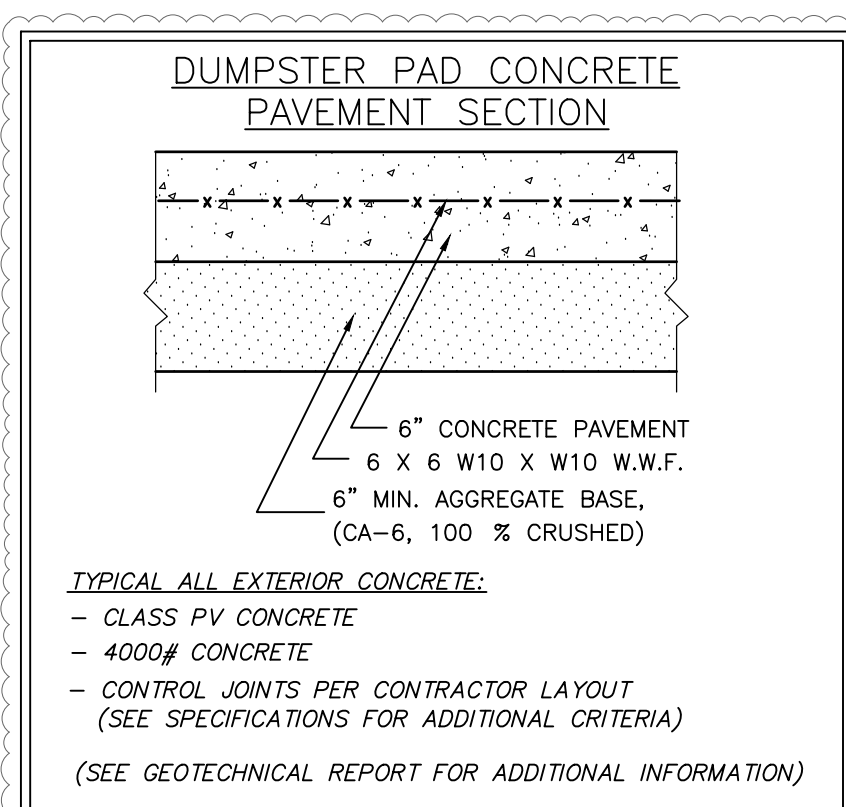
SHEET NUMBER:
C-03

Dial 811 or 1-800-892-0123
811
 Know what's below. Call before you dig.

CALL JULIE 1-800-892-0123
 WITH THE FOLLOWING:
 COUNTY: **McHenry**
 CITY-TOWNSHIP: **Crystal Lake - Darr**
 SEC. & 1/4 SEC. NO.# **SW 1/4 OF SEC-25-T-44N-7E**
 48 hours before you dig (Excluding Sat., Sun. & Holidays)

LEGEND

	DENOTES PAVEMENT SAWCUT
	DENOTES CONCRETE PAVEMENT
	DENOTES PROP. SIDEWALK
	DENOTES CONCRETE PAVEMENT (ACCESS DRIVE)
	DENOTES CONCRETE SLAB



ISSUED FOR BID - NOT FOR CONSTRUCTION



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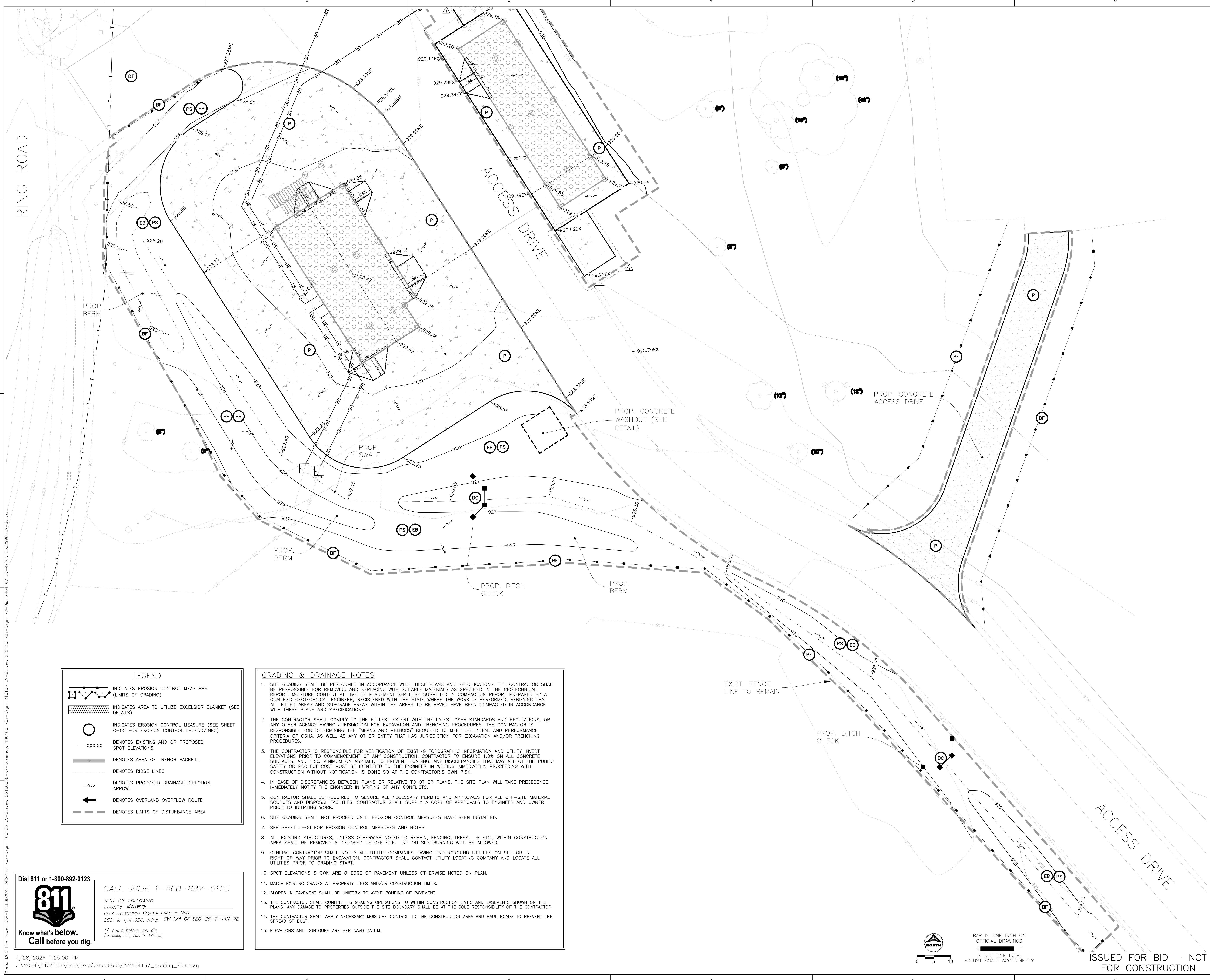
KEY PLAN:

SHEET STATUS: 04/28/2026
ISSUED FOR BID - NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 1	04/28/26

SHEET TITLE:
GRADING & EROSION CONTROL PLAN

SHEET NUMBER:
C-04



LEGEND

- INDICATES EROSION CONTROL MEASURES (LIMITS OF GRADING)
- INDICATES AREA TO UTILIZE EXCELSIOR BLANKET (SEE DETAILS)
- INDICATES EROSION CONTROL MEASURE (SEE SHEET C-05 FOR EROSION CONTROL LEGEND/INFO)
- DENOTES EXISTING AND OR PROPOSED SPOT ELEVATIONS.
- DENOTES AREA OF TRENCH BACKFILL
- DENOTES RIDGE LINES
- DENOTES PROPOSED DRAINAGE DIRECTION ARROW.
- DENOTES OVERLAND OVERFLOW ROUTE
- DENOTES LIMITS OF DISTURBANCE AREA

GRADING & DRAINAGE NOTES

- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL BE SUBMITTED IN COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER, REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO ENSURE 1.0% ON ALL CONCRETE SURFACES; AND 1.5% MINIMUM ON ASPHALT, TO PREVENT PONDING. ANY DISCREPANCIES THAT MAY AFFECT THE PUBLIC SAFETY OR PROJECT COST MUST BE IDENTIFIED TO THE ENGINEER IN WRITING IMMEDIATELY. PROCEEDING WITH CONSTRUCTION WITHOUT NOTIFICATION IS DONE SO AT THE CONTRACTOR'S OWN RISK.
- IN CASE OF DISCREPANCIES BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE. IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY CONFLICTS.
- CONTRACTOR SHALL BE REQUIRED TO SECURE ALL NECESSARY PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. CONTRACTOR SHALL SUPPLY A COPY OF APPROVALS TO ENGINEER AND OWNER PRIOR TO INITIATING WORK.
- SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
- SEE SHEET C-06 FOR EROSION CONTROL MEASURES AND NOTES.
- ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, & ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. NO ON SITE BURNING WILL BE ALLOWED.
- GENERAL CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
- SPOT ELEVATIONS SHOWN ARE @ EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON PLAN.
- MATCH EXISTING GRADES AT PROPERTY LINES AND/OR CONSTRUCTION LIMITS.
- SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING OF PAVEMENT.
- THE CONTRACTOR SHALL CONFINE HIS GRADING OPERATIONS TO WITHIN CONSTRUCTION LIMITS AND EASEMENTS SHOWN ON THE PLANS. ANY DAMAGE TO PROPERTIES OUTSIDE THE SITE BOUNDARY SHALL BE AT THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE CONTROL TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
- ELEVATIONS AND CONTOURS ARE PER NAVD DATUM.

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811
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 CALL JULIE 1-800-892-0123
 WITH THE FOLLOWING:
 COUNTY McHenry
 CITY-TOWNSHIP Crystal Lake - Dorr
 SEC. & 1/4 SEC. NO. # SW 1/4 OF SEC-25-T-44N-7E
 48 hours before you dig (Excluding Sat., Sun. & Holidays)

North Arrow
 BAR IS ONE INCH ON OFFICIAL DRAWINGS OF 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY

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ARCHITECT:
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 MCHENRY, IL, 60050
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ELECTRICAL ENGINEER:
20/10 ENGINEERING
 1216 TOWER ROAD,
 SCHAUMBURG, IL 60173
 P: 847.882.2010

McHenry County College
Fire Tower Replacement
 8900 Northwest Hwy #14, Crystal Lake, IL 60012
 DKA PROJECT NO: 25-028

KEY PLAN:

SHEET STATUS: 04/28/2026
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NO.	DESCRIPTION:	DATE:
1	ADDENDUM NO. 1	04/28/26

SHEET TITLE:
GRADING DETAIL PLAN

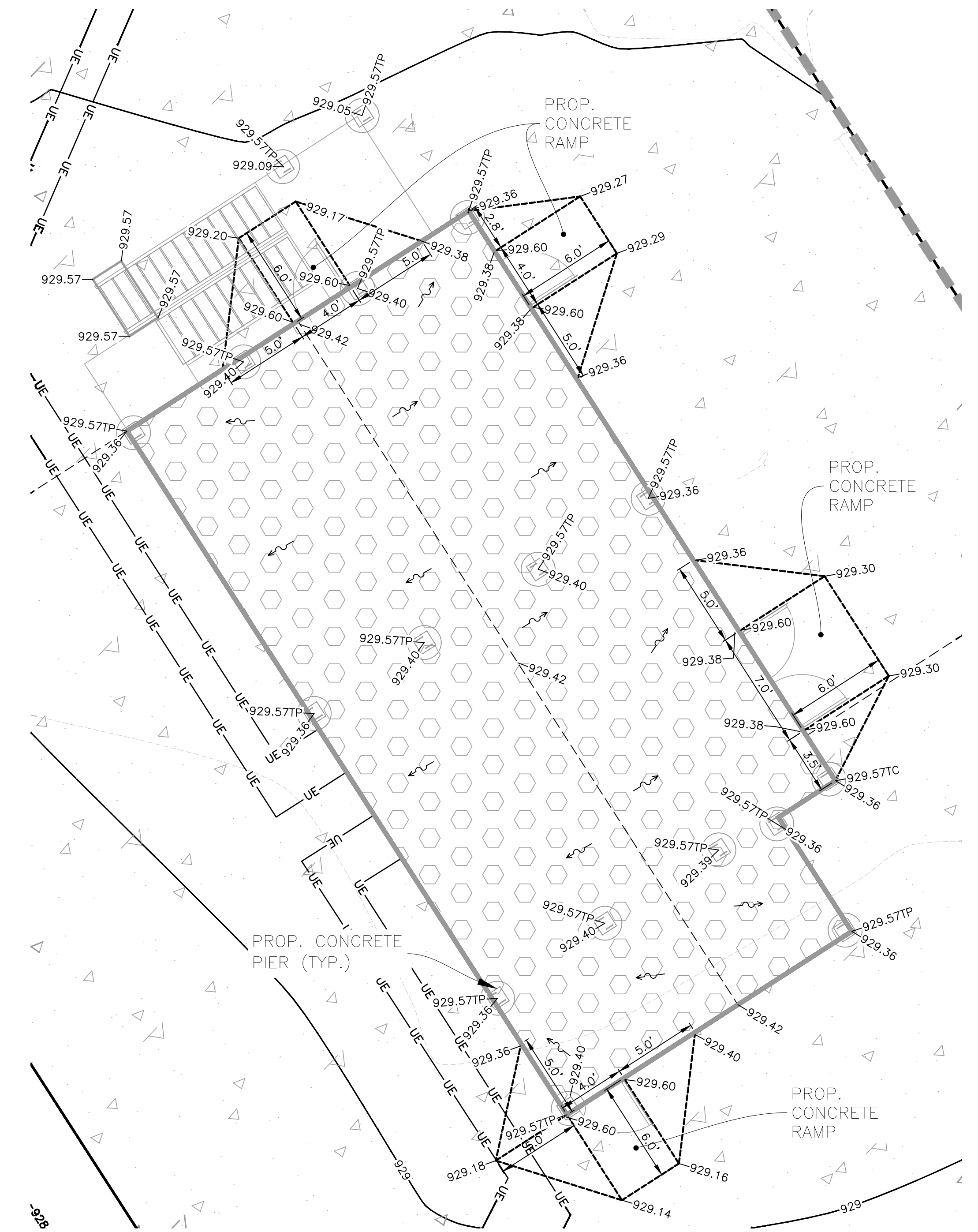
SHEET NUMBER:
C-05



2 SCBA BUILDING CONCRETE SLAB & COLUMN GRADING DETAIL
 SCALE: 1" = 5'

CONCRETE RAMP NOTE

- MAXIMUM 1.5-INCH GAP ALLOWED BETWEEN TOP OF CONCRETE RAMPS AND NEW BUILDING FACE; GAP CAN BE REDUCED BUT AT THE DISCRETION OF THE CONTRACTOR. CONTRACTOR TO VERIFY FINAL TOP EDGE OF RAMP WITH FIRE TOWER CONTRACTOR PRIOR TO INSTALLATION.



1 FIRE TOWER CONCRETE SLAB & COLUMN GRADING DETAIL
 SCALE: 1" = 5'

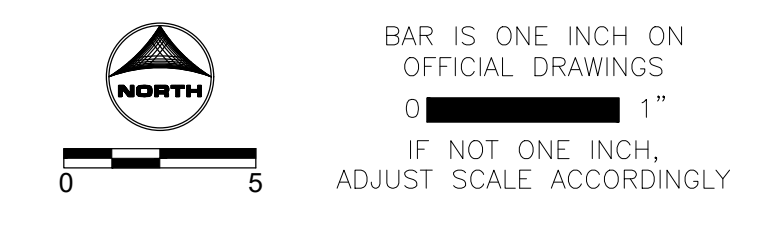
- GRADING & DRAINAGE NOTES**
- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL BE SUBMITTED IN COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER, REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
 - THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO ENSURE 1.0% ON ALL CONCRETE SURFACES; AND 1.5% MINIMUM ON ASPHALT, TO PREVENT PONDING. ANY DISCREPANCIES THAT MAY AFFECT THE PUBLIC SAFETY OR PROJECT COST MUST BE IDENTIFIED TO THE ENGINEER IN WRITING IMMEDIATELY. PROCEEDING WITH CONSTRUCTION WITHOUT NOTIFICATION IS DONE SO AT THE CONTRACTOR'S OWN RISK.
 - IN CASE OF DISCREPANCIES BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE. IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY CONFLICTS.
 - CONTRACTOR SHALL BE REQUIRED TO SECURE ALL NECESSARY PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. CONTRACTOR SHALL SUPPLY A COPY OF APPROVALS TO ENGINEER AND OWNER PRIOR TO INITIATING WORK.
 - SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
 - SEE SHEET C-06 FOR EROSION CONTROL MEASURES AND NOTES.
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 - GENERAL CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
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 - ELEVATIONS AND CONTOURS ARE PER NAVD DATUM.

LEGEND

- INDICATES EROSION CONTROL MEASURES (LIMITS OF GRADING)
- INDICATES AREA TO UTILIZE EXCELSIOR BLANKET (SEE DETAILS)
- INDICATES EROSION CONTROL MEASURE (SEE SHEET C-05 FOR EROSION CONTROL LEGEND/INFO)
- XXXXX DENOTES EXISTING AND OR PROPOSED SPOT ELEVATIONS.
- DENOTES AREA OF TRENCH BACKFILL
- DENOTES RIDGE LINES
- DENOTES PROPOSED DRAINAGE DIRECTION ARROW.
- DENOTES OVERLAND OVERFLOW ROUTE
- DENOTES LIMITS OF DISTURBANCE AREA

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EXISTING 1-STORY BUILDING TO BE DEMOLISHED COMPLETE. SEE CIVIL AND STRUCTURAL FOR DETAILED DEMOLITION SCOPE.

SECTION A:
APPROX. HEIGHT: 31'-0"
APPROX. DIMENSIONS: 20'-0" x 20'-0"

SECTION B:
APPROX. HEIGHT:
LOW ROOF: 14'-0"
HIGH ROOF: 26'-0"
APPROX. DIMENSIONS: 23'-4" x 31'-4"

GENERAL BUILDING CONSTRUCTION:

FOUNDATION SYSTEM:
SHALLOW CONCRETE SPREAD FOOTINGS WITH CONCRETE FOUNDATION WALLS.

WALL SYSTEMS:
LOAD-BEARING CMU MASONRY WALLS AND INTERIOR PARTITIONS, HM DOORS AND FRAMES AND MISC. INTERIOR NON-LOAD BEARING WOOD FRAME PARTITIONS, METAL FRAMED EXTERIOR WINDOW, DOOR, AND ACCESS PANEL SYSTEMS.

FLOOR SYSTEMS:
CONCRETE SLAB ON GRADE AT FIRST FLOOR. PRE-CAST CONCRETE PLANKS AT UPPER FLOOR LEVELS.

STAIR CONSTRUCTION:
STEEL STAIRCASE, CONCRETE TREADS AND LANDINGS.

DEMOLITION FLOOR PLAN GENERAL NOTES:

1. PRIOR TO AND DURING ANY DEMOLITION THE CONTRACTOR SHALL VERIFY AND MAINTAIN THE BUILDING'S STRUCTURAL INTEGRITY.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AS REQUIRED.
3. REMOVE ALL HANGERS, SUSPENSION SYSTEMS, SUPPORT FRAMING, EQUIPMENT PADS, ANCHORS, ATTACHMENT HARDWARE AND RELATED APPURTENANCES CONNECTED WITH THE WORK TO BE DEMOLISHED. IF COMPLETE REMOVAL IS NOT POSSIBLE, CUT DEVICES AS CLOSE AS POSSIBLE TO ADJOINING SURFACES OR ORIGIN OF SUPPORT.
4. DURING THE BIDDING PERIOD, EACH BIDDING CONTRACTOR SHALL VISIT THE SITE AND THE FACILITY TO DETERMINE EXISTING CONDITIONS. CONTRACTORS FAILURE TO REASONABLY DETERMINE AND/OR ANTICIPATE THE EFFECT OF EXISTING CONDITIONS AND THE WORK INVOLVED THEREBY SHALL NOT BE JUSTIFICATION FOR ADDITIONAL COMPENSATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
5. ALL MATERIALS, EQUIPMENT, FIXTURES, SYSTEMS, AND ACCESSORIES WHICH ARE TO REMAIN IN SERVICE SHALL BE CLEANED, REPAIRED, ADJUSTED AND PLACED INTO PROPER OPERATIONS IN ALL MODES WITH THE ORIGINAL SYSTEM.
6. WHEN TEMPORARY SHORING AND BRACING IS REQUIRED, CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A PROFESSIONAL ENGINEER, LICENSED TO PRACTICE IN THE STATE WHERE THE PROJECT IS LOCATED, TO DESIGN AND PREPARE DETAILED DRAWINGS.
7. CONTRACTOR SHALL COORDINATE SCHEDULE OF DEMOLITION WORK WITH THE OVERALL PHASING PLAN. ALL AREAS SURROUNDING EACH PHASE OF DEMOLITION/CONSTRUCTION WILL BE OCCUPIED BY THE OWNER DURING THE OWNER'S NORMAL BUSINESS HOURS. DEMOLITION WORK SHALL NOT ENCUMBER THE USE OF EXISTING ADJACENT SPACES.
8. EACH CONTRACTOR SHALL FOLLOW THE PROGRESS OF THE GENERAL DEMOLITION AND REMODELING WORK TO ASSURE THE ACCESSIBILITY AND SAFETY OF EQUIPMENT AND SYSTEMS IN SERVICE IN ORDER TO PROVIDE FOR THE TIMELY REMOVAL AND/OR RELOCATION OF EQUIPMENT, PIPING, ETC.
9. REMOVE ALL ABANDONED CONDUIT BOXES, CONDUCTORS, TELEPHONE LINES, ELECTRIC PANELS, AND ANY OTHER MISCELLANEOUS EQUIPMENT NOT REQUIRED.
10. REMOVE ALL RECESSED FLOOR BOXES, WALKER DUCTS, FLOOR SINKS, HUB DRAINS, ELECTRICAL RECEPTACLES, ETC. AND FILL VOIDS AS REQUIRED.
11. REMOVE ALL DOOR STOPS AT ASSOCIATED DOORS TO BE DEMOLISHED.
12. NO TOXIC SUBSTANCES HAVE BEEN NOTED ON THE SITE. SHOULD THE CONTRACTOR ENCOUNTER ANY ASBESTOS, ASBESTOS PRODUCTS, PCBs OR OTHER TOXIC SUBSTANCES, THE CONTRACTOR SHOULD REPORT THIS IMMEDIATELY TO THE OWNER IN WRITING PRIOR TO CONTINUING WORK IN THIS AREA. WORK SHALL NOT BE RESUMED EXCEPT BY WRITTEN AUTHORIZATION OR AGREEMENT.
13. ALL CONSTRUCTION DEBRIS AND EXCESS MATERIAL IS TO BE REMOVED BY THE CONTRACTOR AT THE END OF EACH WORK DAY. THE JOB SITE IS TO BE LEFT SUFFICIENTLY CLEAN AS TO WARRANT OWNER'S APPROVAL.
14. REMOVE ALL CEILING SYSTEMS IN THEIR ENTIRETY, INCLUDING TILE, GRID, SUSPENSION WIRING, ANCHORS AND ALL ASSOCIATED APPURTENANCES.
15. PATCH EXISTING PARTITION TO MATCH ADJACENT SURFACES AT REMOVAL OF EXISTING ELECTRICAL DEVICES - REFER TO ELECTRICAL DRAWINGS.

DEMOLITION FLOOR PLAN SYMBOLS LEGEND:

HATCH DENOTES FOOTPRINT OF BUILDING TO BE DEMOLISHED

DEMOLITION FLOOR PLAN REFERENCED NOTES:

1. EXISTING 1-STORY FIRE TOWER TO BE DEMOLISHED COMPLETE. REFER TO CIVIL AND STRUCT. FOR FOUNDATION AND STRUCTURAL DEMOLITION EXTENTS AND SCOPE.
2. EXISTING FIRE HYDRANT TO REMAIN. SEE CIVIL.
3. ACCESSORY WOOD FRAME STRUCTURE TO BE DEMOLISHED COMPLETE. SEE CIVIL.
4. EXISTING GRAVEL LANDSCAPING. SEE CIVIL.
5. EXISTING UTILITY POLE. REFER TO CIVIL.

FLOOR PLAN SYMBOLS LEGEND:

NOTES:
1. GRAYTONE LINEWORK DENOTES EXISTING CONSTRUCTION TO REMAIN.
2. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION ON MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND TECHNOLOGY SYSTEMS.

ELEVATION VIEW CALLOUT

STRUCTURAL GRIDLINE. SEE STRUC. FOR FOUNDATION LAYOUT, DETAILS AND GENERAL SCOPE.

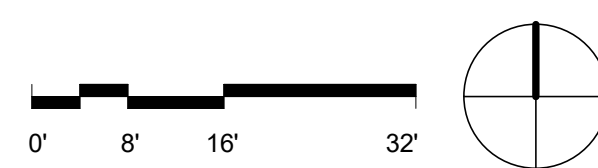
FLOOR PLAN GENERAL NOTES:

1. REFER TO CIVIL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. DURING THE BID PERIOD, EACH BIDDING CONTRACTOR SHALL VISIT THE PROJECT TO REVIEW EXISTING CONDITIONS. CONTRACTOR'S FAILURE TO REASONABLY DETERMINE AND/OR ANTICIPATE THE NATURE OF EXISTING CONDITIONS AND THE WORK THEREBY INVOLVED SHALL NOT BE JUSTIFICATION FOR ADDITIONAL COMPENSATION.
3. CONTRACTOR SHALL VERIFY AND MAINTAIN THE BUILDING'S STRUCTURAL INTEGRITY DURING THE ENTIRE PROJECT DURATION.
4. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN THE DOCUMENTS PRIOR TO COMMENCING WORK.
5. PROVIDE ALL DEMOLITION, TEMPORARY REMOVAL, AND REINSTALLATION AND REPAIR REQUIRED TO INSTALL NEW WORK.
6. DO NOT SCALE DRAWINGS.
7. NOTES ON DRAWINGS SHALL APPLY TO ALL SIMILAR CONDITIONS WHETHER THEY ARE REPEATED OR NOT.

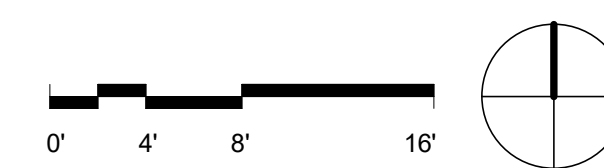
FLOOR PLAN REFERENCED NOTES:

- REFER TO CIVIL, ELECTRICAL, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
1. REFER TO CIVIL FOR PROP. BUILDING LOCATION ON SITE. SHOW ON ARCHITECTURAL PLAN FOR REFERENCE ONLY.
 2. NEW CONCRETE PAVEMENT. SEE CIVIL.
 3. PROPOSED PROP. BUILDING / FUTURE MAZE BUILDING BY OTHERS. SEE CIVIL AND STRUCT. FOR WORK INCLUDED IN PROJECT SCOPE.
 4. EXTERIOR STAIRCASE. SEE DRAWINGS BY OTHERS.
 5. STRUCTURAL DRILLED PIER. SEE STRUC.
 6. SLOPED CONCRETE SLAB. SEE CIVIL AND COORDINATE EXACT LOCATION WITH FIRE TOWER/BY OTHERS.
 7. CONCRETE DUMPSTER PAD. SEE CIVIL.
 8. CONCRETE SLAB FOR EXISTING FIRE HYDRANT. SEE CIVIL.

1 DEMOLITION SITE PLAN
1/8" = 1'-0"



2 NEW WORK SITE PLAN
1/8" = 1'-0"



ARCHITECT:
DEMONICA KEMPER ARCHITECTS
125 N. HALSTED STREET, SUITE 301
CHICAGO, IL 60661
P: 312.496.0000

STRUCTURAL ENGINEER:
IMEG CORP
263 SHUMAN BLVD, SUITE 550
NAPERVILLE, IL, 60563
P: 630.527.2320

CIVIL ENGINEER:
HR GREEN
1391 CORPORATE DRIVE, SUITE 203
MCHENRY, IL, 60050
P: 815.385.1778

ELECTRICAL ENGINEER:
20/10 ENGINEERING
1216 TOWER ROAD,
SCHAUMBURG, IL 60173
P: 847.882.2010

McHenry County College
Fire Tower Replacement
8900 Northwest Hwy #14,
Crystal Lake, IL 60012
DKA PROJECT NO: 25-028

KEY PLAN:

SHEET STATUS: 04/21/2026
ISSUED FOR BID - NOT FOR CONSTRUCTION

NO.	DESCRIPTION:	DATE:
1	ADDENDUM 1	4/28/2026

SHEET TITLE:
DEMOLITION & NEW WORK SITE PLANS


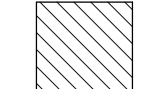
SHEET NUMBER:

A1.10

1 2 3 4 5 6

E D C B A

EXTERIOR ELEVATION SYMBOLS LEGEND:

- GENERAL ELEVATION NOTES:
 1. FIRE TOWER STRUCTURE IS PROVIDED AND INSTALLED BY OTHERS. ELECTRICAL CONTRACTOR WILL FIELD VERIFY FINAL LAYOUTS WITH FIRE TOWER CONTRACTOR PRIOR TO INSTALLATION.
 2. CONFIRM ALL LOCATIONS OF LIGHTS WITH OWNER PRIOR TO INSTALLATION.
-  EXTERIOR LIGHTING FIXTURE. SEE ELEC.
 -  ELECTRICAL METER. SEE ELEC.

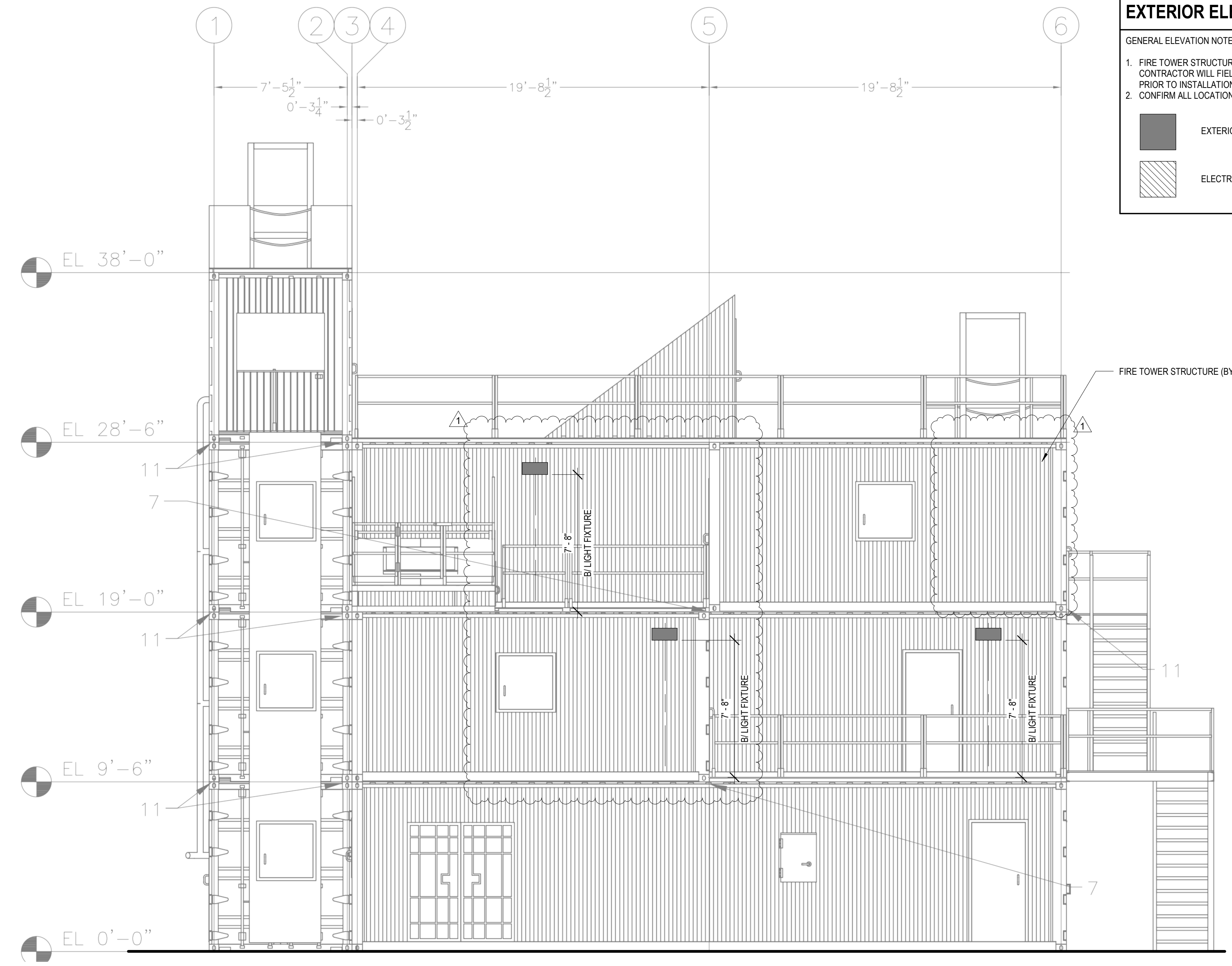
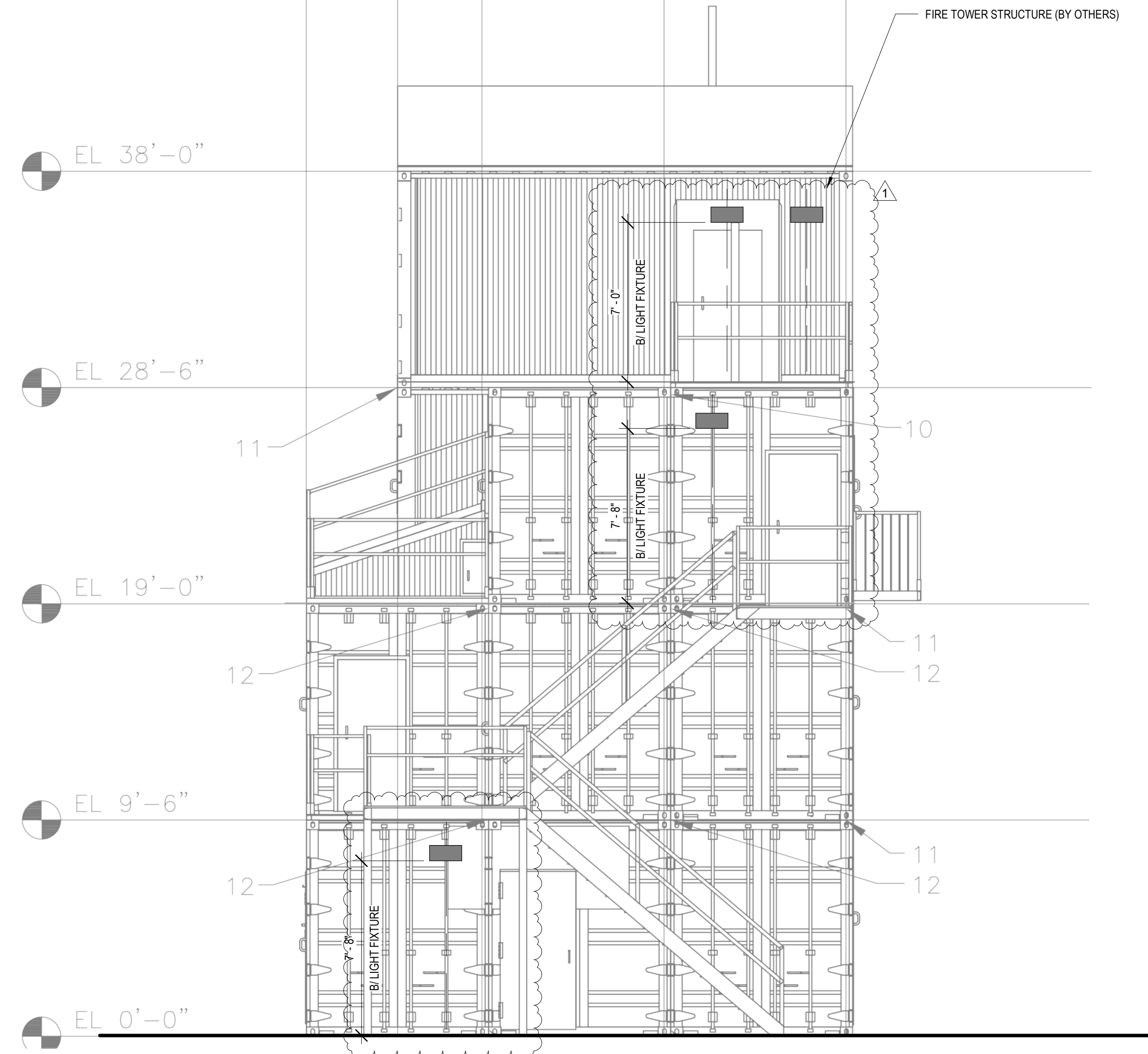


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 263 SHUMAN BLVD, SUITE 550
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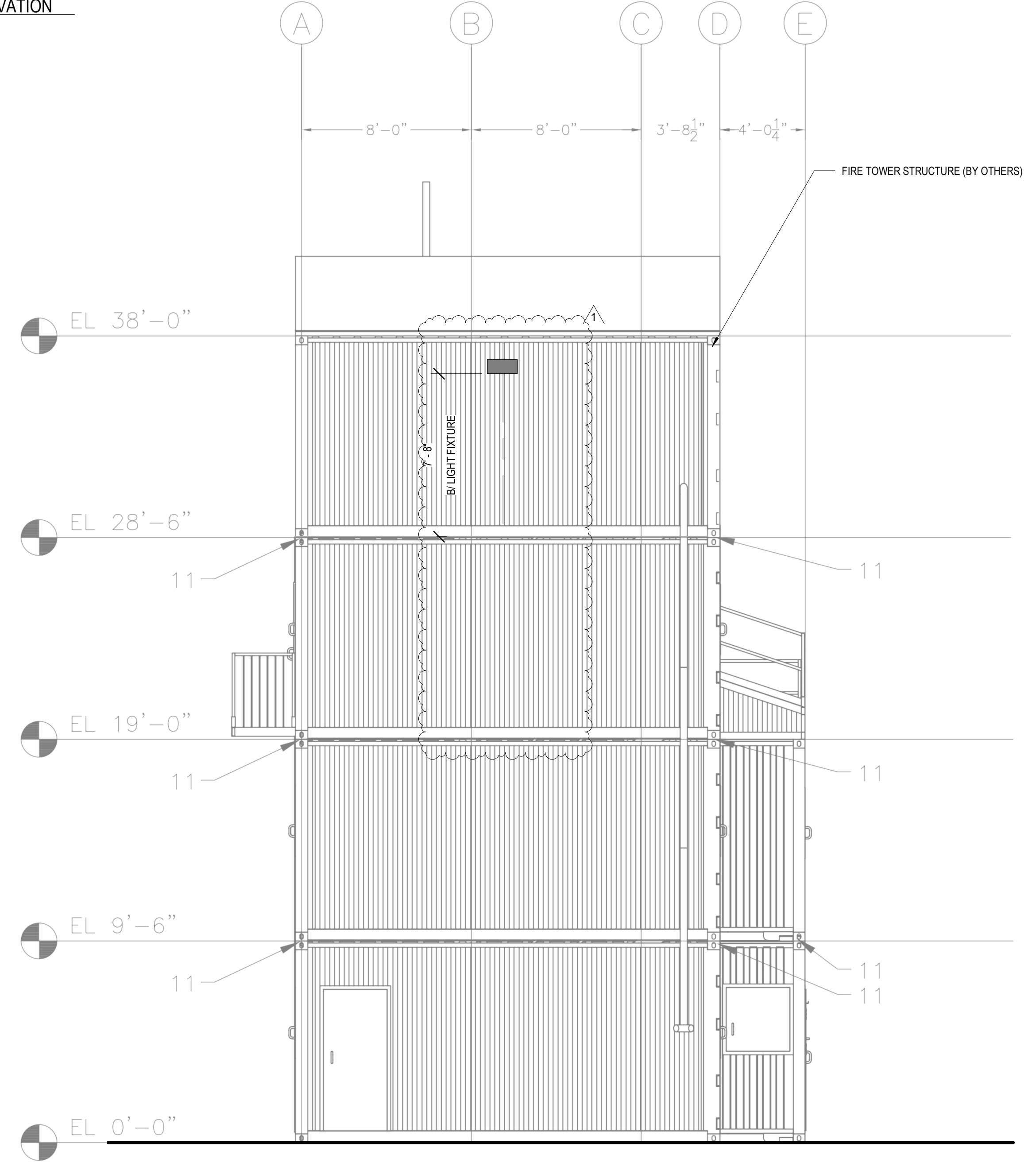
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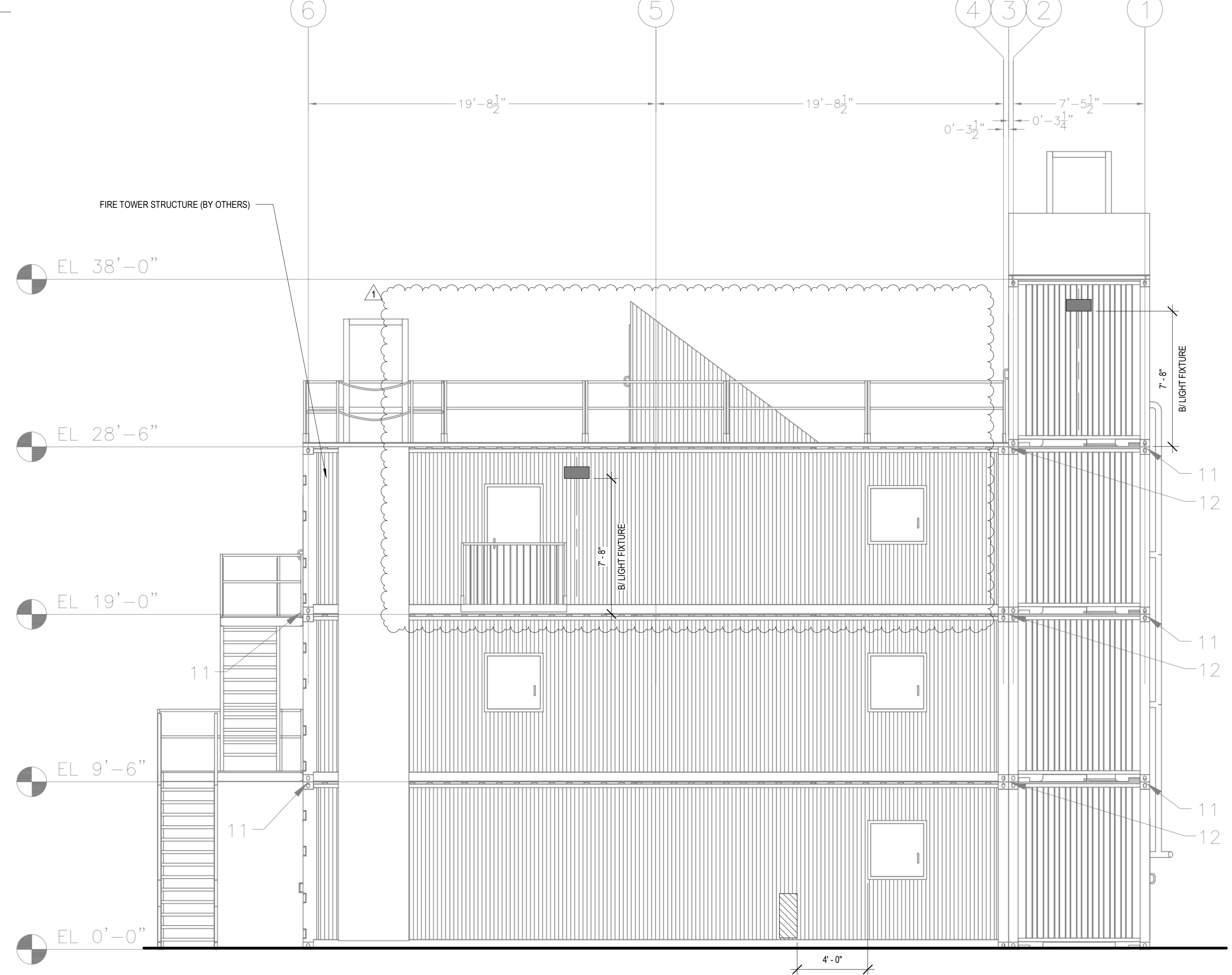


1 NORTH ELEVATION
 1/4" = 1'-0"

2 EAST ELEVATION
 1/4" = 1'-0"



4 SOUTH ELEVATION
 1/4" = 1'-0"



3 WEST ELEVATION
 1/4" = 1'-0"

McHenry County College
Fire Tower Replacement
 8500 Northwest Hwy #14,
 Crystal Lake, IL 60012
 DKA PROJECT NO: 25-028

KEY PLAN:

SHEET STATUS: 04/21/2026
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NO.	DESCRIPTION	DATE
1	ADDENDUM 1	4/28/2026

SHEET TITLE:
EXTERIOR ELEVATIONS

SHEET NUMBER:
A4.00



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 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
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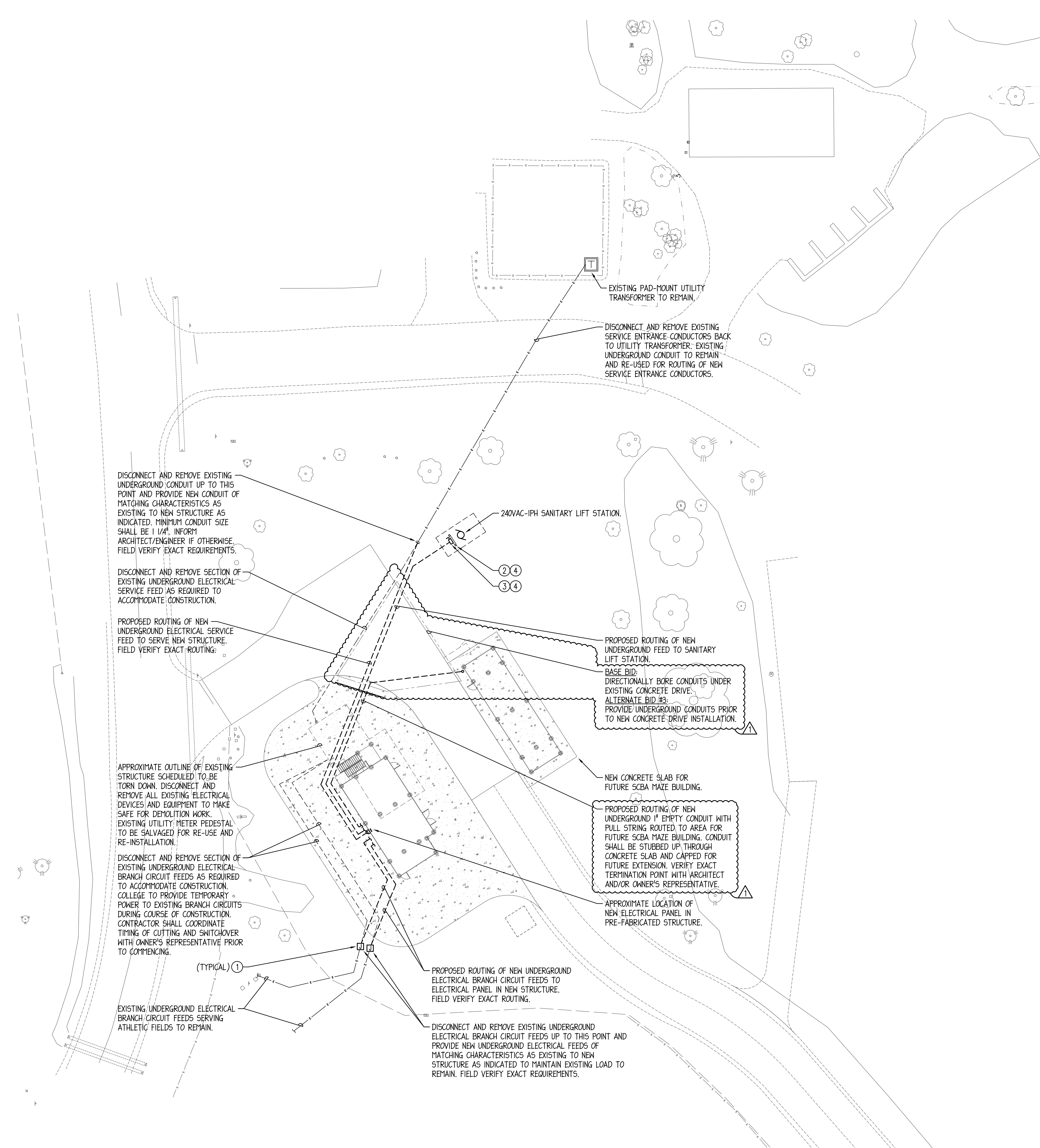
STRUCTURAL ENGINEER:
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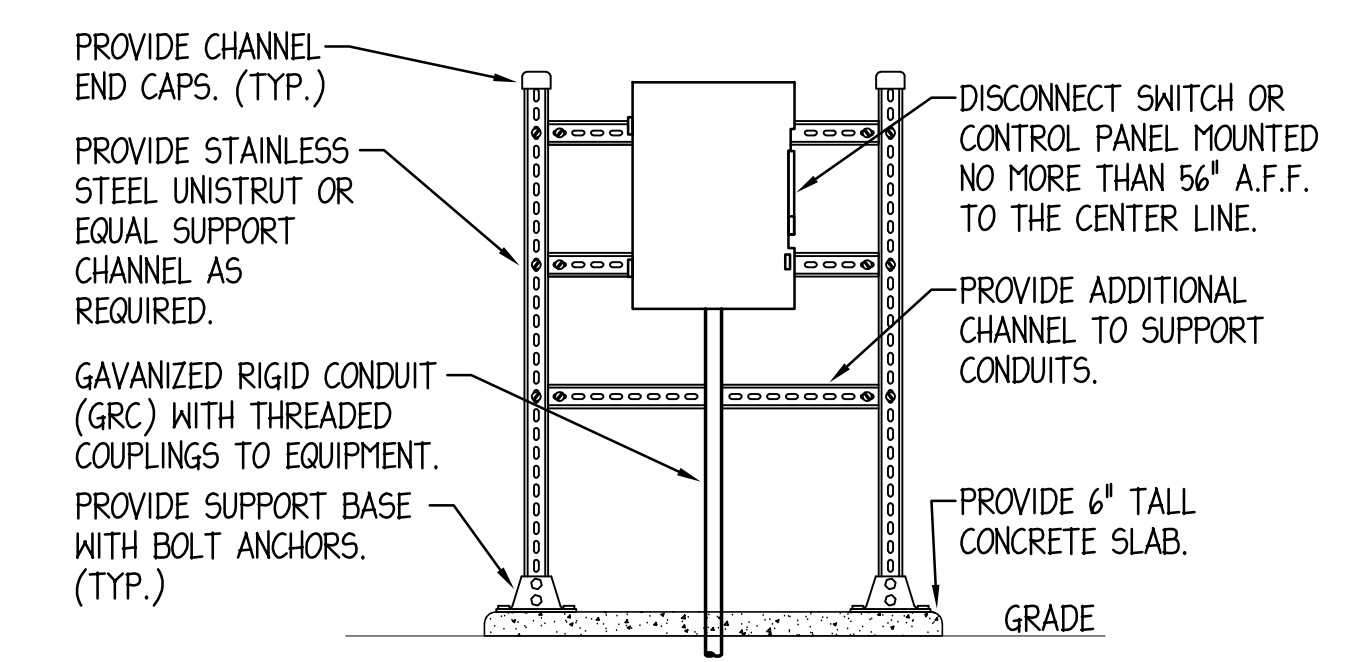
ELECTRICAL ENGINEER:
 2010 ENGINEERING
 1216 TOWER ROAD,
 SCHAMBURG, IL 60173
 P: 847.882.2010

DRAWING NOTES: (TYPICAL FOR THIS DRAWING ONLY.)

- ① PROVIDE 12"L X 12"W X 12"D UL LISTED, POLYMER CONCRETE, OPEN BOTTOM, IN-GRADE JUNCTION BOX AS MANUFACTURED BY HUBBELL QUAZITE #PC1212BA2 OR APPROVED EQUAL. INCLUDE GASKETED COVER WITH "ELECTRIC" LOGO AND STAINLESS STEEL TAMPER PROOF FASTENERS TO SECURE COVER TO BOX. LOCATE JUNCTION BOX IN GRASS AREA. FIELD VERIFY EXACT LOCATION.
- ② 240VAC-1PH LIFT STATION CONTROL PANEL, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR. PROVIDE PROPERLY SIZED AND SEALED UNDERGROUND CONDUITS FROM THE CONTROL PANEL DOWN TO PUMP BASIN - SIZED FOR PUMP POWER CORDS, SENSOR CORDS, AND FLOAT SWITCH CORDS. ALL FINAL WIRE TERMINATIONS FROM THE PUMPS AND FLOATS TO THE CONTROL PANEL SHALL BE DONE BY THE CONTRACTOR. COORDINATE INSTALLATION WITH OTHER TRADES.
- ③ PROVIDE 240VAC, 2-POLE, 30AMP RATED HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. FIELD COORDINATE EXACT LOCATION TO MAINTAIN 3-FOOT WORKING SPACE IN FRONT OF ELECTRICAL EQUIPMENT.
- ④ EQUIPMENT SHALL BE MOUNTED ON UNISTRUT STAINLESS-STEEL FRAMING SYSTEM ON 6" TALL CONCRETE SLAB. REFER TO DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION.



1 SITE ELECTRICAL PLAN
 1" = 20'-0"



FREE-STANDING EQUIPMENT DETAIL

NO SCALE
 NOTES:
 1. INCLUDE BRACING HARDWARE FOR STABILITY WHERE REQUIRED.

McHenry County College
Fire Tower Replacement
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 DKA PROJECT NO: 25-028

KEY PLAN:

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NO.	DESCRIPTION:	DATE:
1	Addendum #1	4/28/2026

SHEET TITLE:
SITE ELECTRICAL PLAN

SHEET NUMBER:
E1.00



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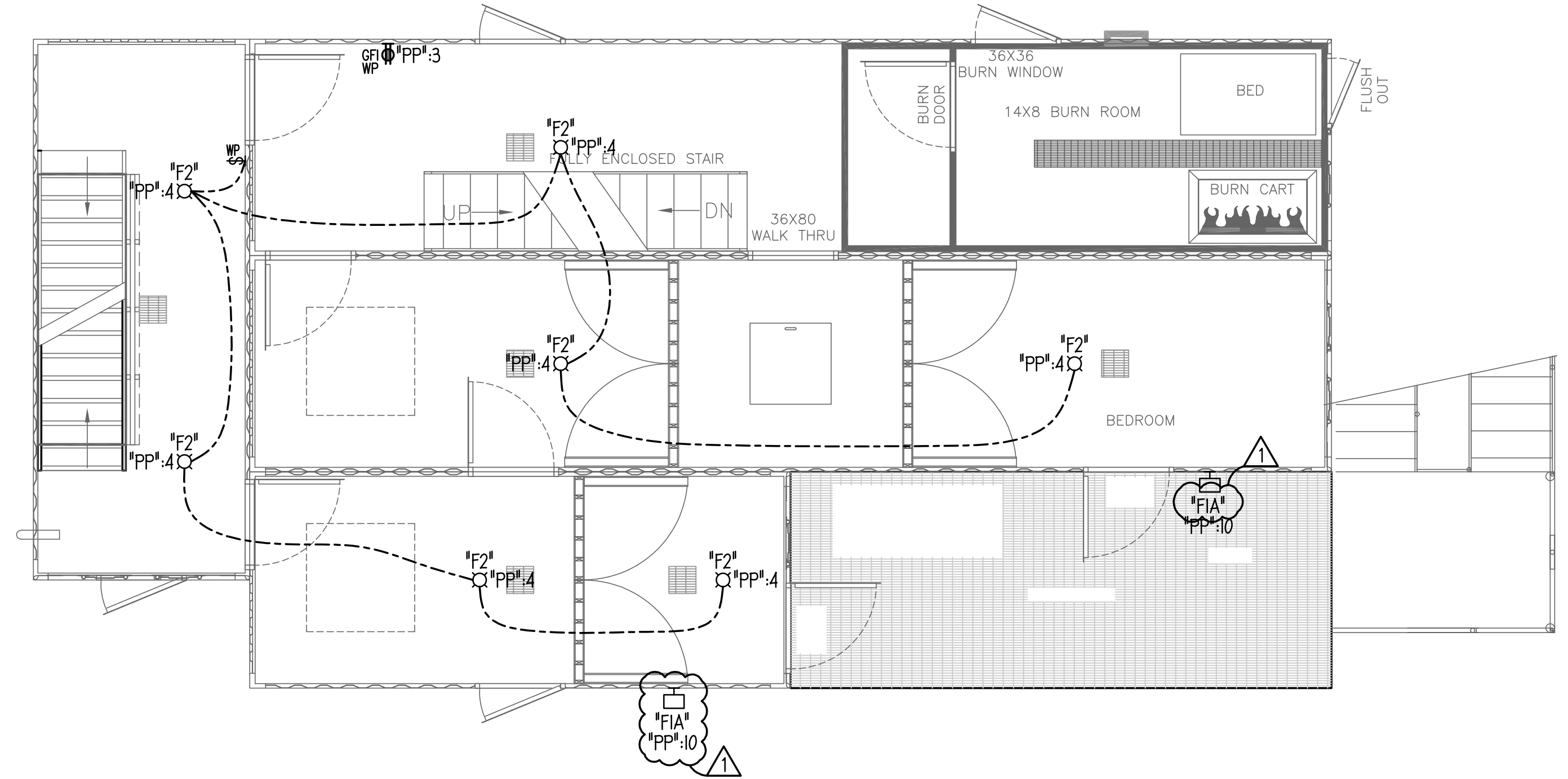
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DRAWING NOTES: (TYPICAL FOR THIS DRAWING ONLY.)

- 1 PROVIDE RELAY PANEL WITH (4) RELAYS TO CONTROL EXTERIOR LIGHTING CIRCUITS. RELAY PANEL SHALL BE ACUITY N LIGHT #ARP-INTENC08-NLT-BFCR-1VOLT-1VB-HLK-S1-DTC OR APPROVED EQUAL WITH #ARPA-APS-OL PHOTOSENSOR. LOCATE PHOTOSENSOR ON ROOF FACING NORTH. COORDINATE FINAL PHOTOSENSOR LOCATION WITH ARCHITECT.
- 2 PROVIDE ON/OFF OVERRIDE SWITCH TO CONTROL EXTERIOR LIGHTING BRANCH CIRCUIT AS MANUFACTURED BY ACUITY N LIGHT #POD1A-WH OR APPROVED EQUAL.
- 3 RELAY PANEL AND LOW VOLTAGE CONTROL SWITCH SHALL BE MOUNTED INSIDE A NEMA 3R, GASKETED METAL ENCLOSURE WITH HINGED COVER AND PADLOCK PULL CATCH LATCHES AS MANUFACTURED BY HVENT HOFFMAN OR EQUAL. EXACT ENCLOSURE SIZE TO BE DETERMINED BY CONTRACTOR.



2 SECOND FLOOR ELECTRICAL PLAN
 1/4" = 1'-0"
 TRUE NORTH

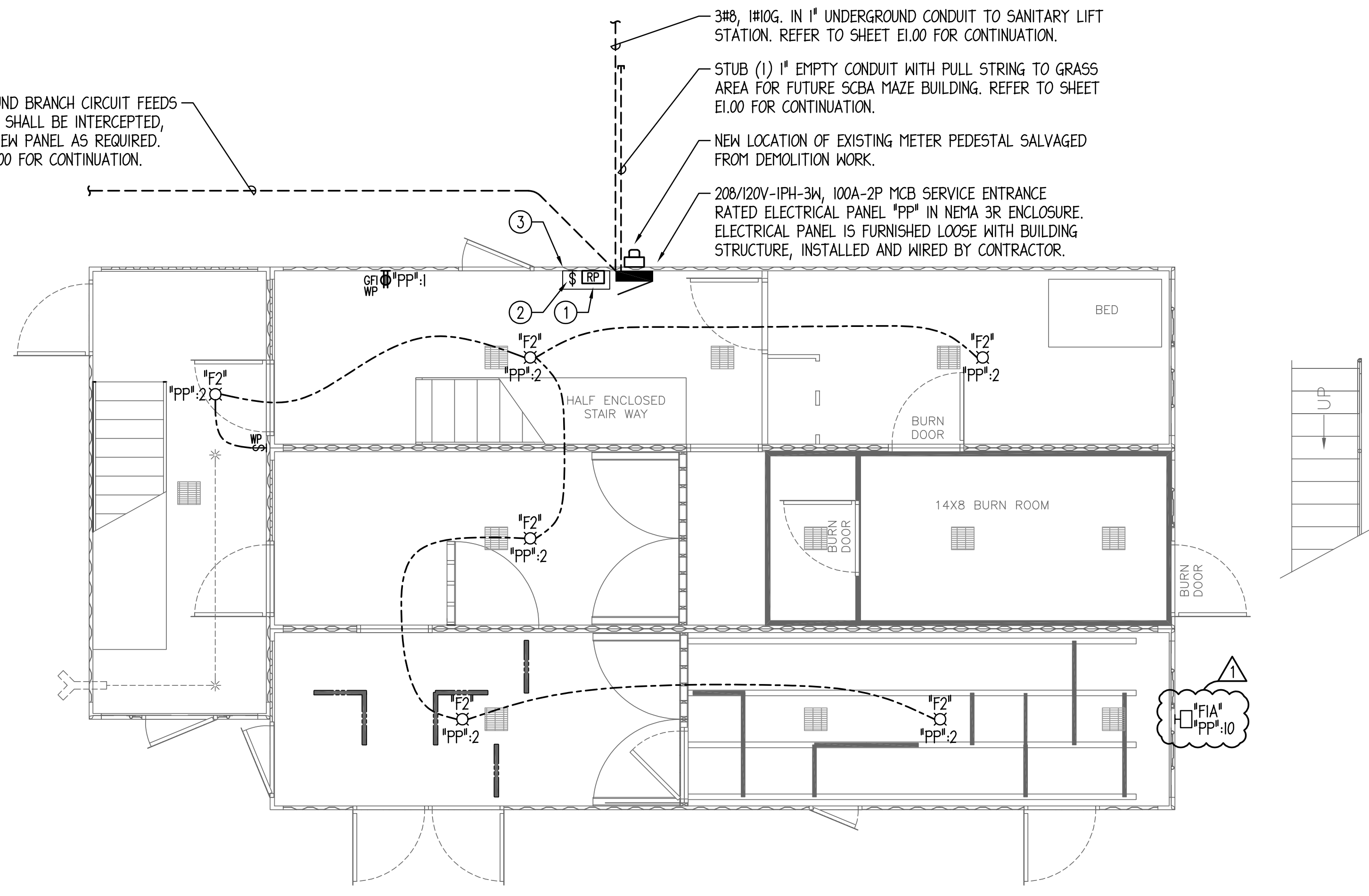
EXISTING UNDERGROUND BRANCH CIRCUIT FEEDS TO ATHLETIC FIELDS SHALL BE INTERCEPTED, AND EXTENDED TO NEW PANEL AS REQUIRED. REFER TO SHEET E1.00 FOR CONTINUATION.

3#8, 1#10G. IN 1" UNDERGROUND CONDUIT TO SANITARY LIFT STATION. REFER TO SHEET E1.00 FOR CONTINUATION.

STUB (1) 1" EMPTY CONDUIT WITH PULL STRING TO GRASS AREA FOR FUTURE SCBA MAZE BUILDING. REFER TO SHEET E1.00 FOR CONTINUATION.

NEW LOCATION OF EXISTING METER PEDESTAL SALVAGED FROM DEMOLITION WORK.

208/120V-1PH-3W, 100A-2P MCB SERVICE ENTRANCE RATED ELECTRICAL PANEL "PP" IN NEMA 3R ENCLOSURE. ELECTRICAL PANEL IS FURNISHED LOOSE WITH BUILDING STRUCTURE, INSTALLED AND WIRED BY CONTRACTOR.



1 FIRST FLOOR ELECTRICAL PLAN
 1/4" = 1'-0"
 TRUE NORTH

McHenry County College
Fire Tower Replacement
 8900 Northwest Hwy #14, Crystal Lake, IL 60012
 DKA PROJECT NO: 25-028

KEY PLAN:

SHEET STATUS: 04/21/2026
ISSUED FOR BID - NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE
1	Addendum #1	4/28/2026

SHEET TITLE:
ELECTRICAL PLANS

SHEET NUMBER:
E1.10

GENERAL NOTES:

1. CONDUCTORS SHALL BE ROUTED IN GALVANIZED RIGID CONDUIT (GRC) WITH THREADED CONNECTIONS THAT IS SUITABLE FOR USE IN WET LOCATIONS.
2. CONDUIT CLAMPS, HANGERS, BRACKETS, SUPPORT CHANNELS SHALL BE GALVANIZED THAT IS SUITABLE FOR USE IN WET LOCATIONS.
3. JUNCTION BOXES SHALL BE DIE-CAST ALUMINUM WITH THREADED KNOCKOUTS THAT IS SUITABLE FOR USE IN WET LOCATIONS.
4. PVC MATERIAL FOR CONDUITS AND JUNCTION BOXES WILL NOT BE PERMITTED.
5. EXPOSED CONDUITS SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO WALLS AND CEILINGS FOR NEATNESS AND APPEARANCE. CONTRACTOR SHALL COORDINATE EXACT ROUTING AND INSTALLATION REQUIREMENTS IN FIELD WITH PRE-FABRICATED STRUCTURE SUPPLIER.
6. COORDINATE EXACT PLACEMENT OF LUMINAIRES WITH PRE-FABRICATED STRUCTURE AND WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. REFER TO ARCHITECTURAL ELEVATIONS FOR ADDITIONAL INFORMATION.

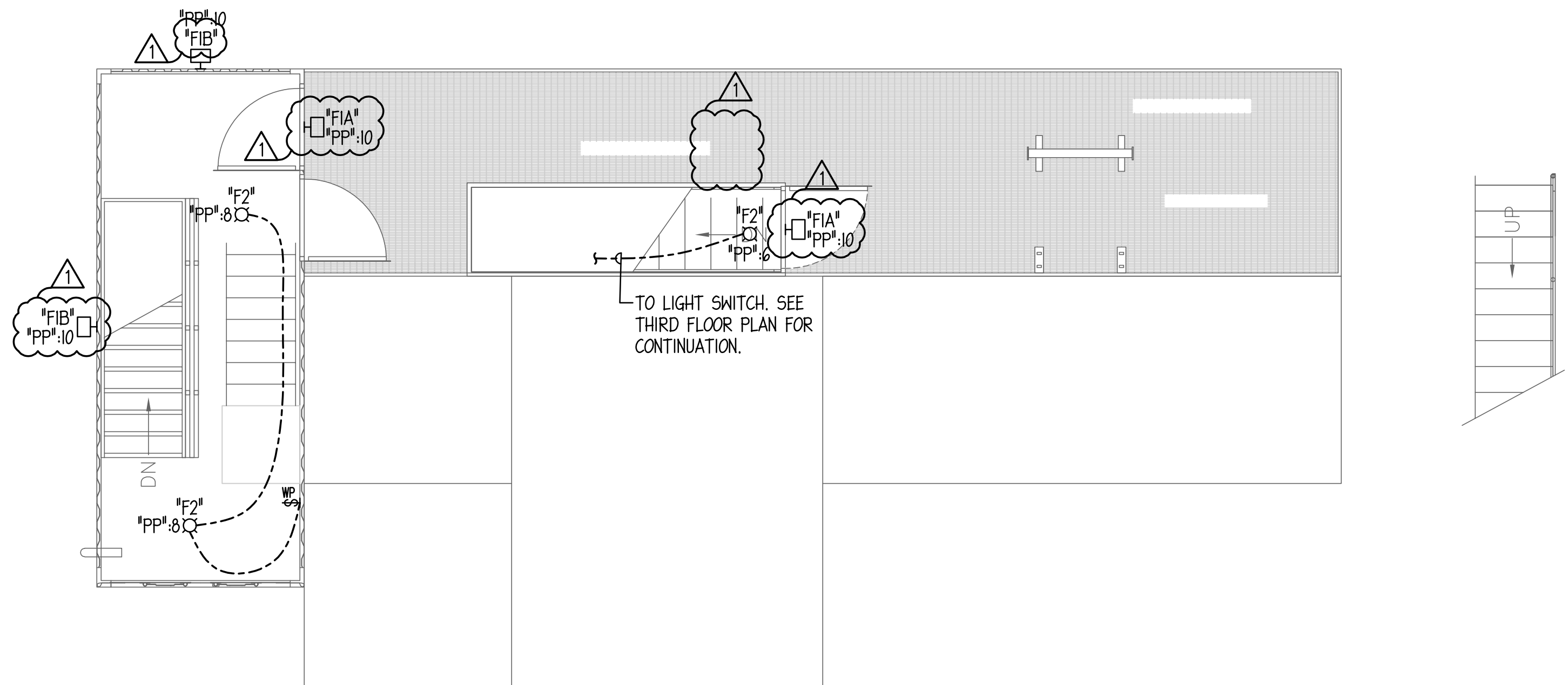


ARCHITECT:
 DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

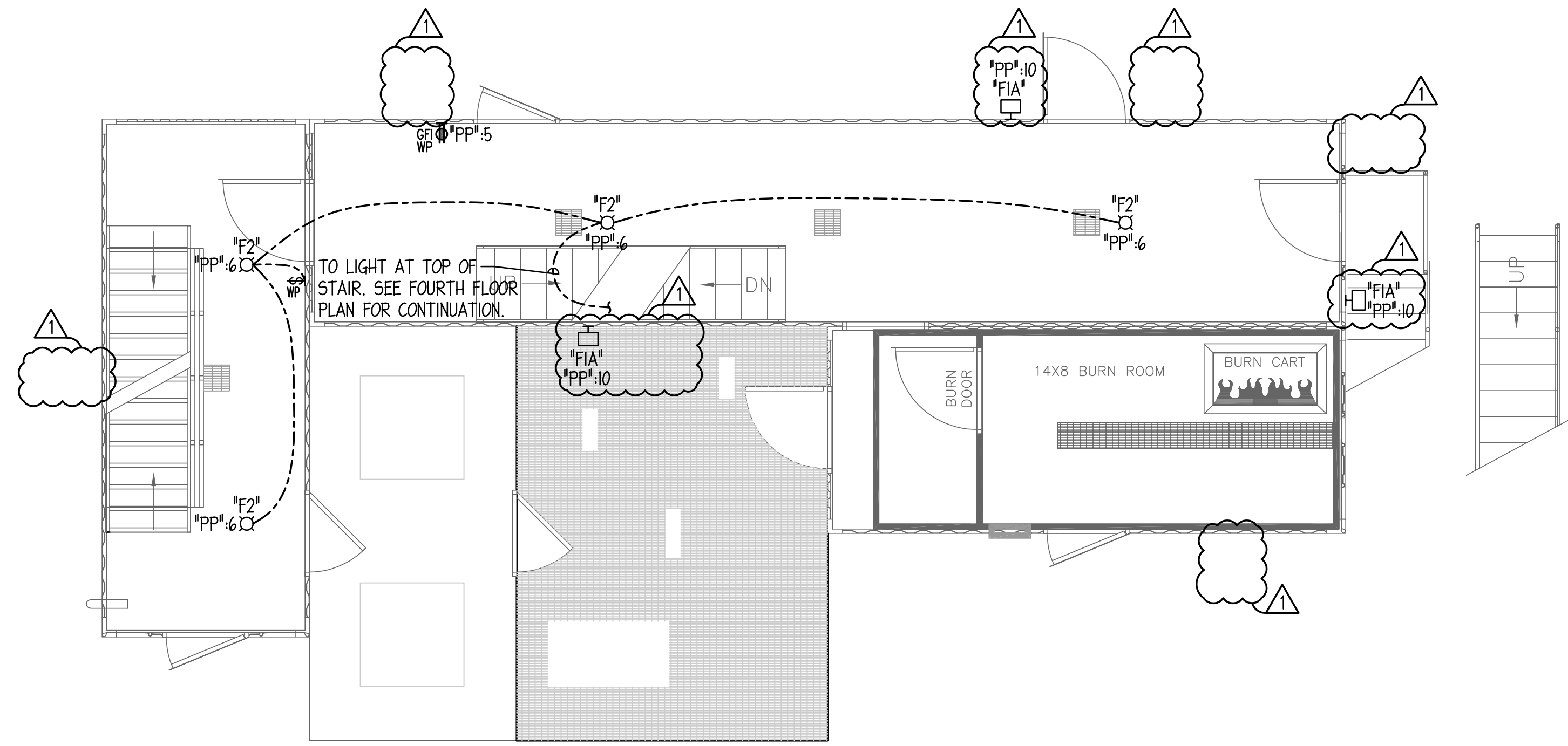
STRUCTURAL ENGINEER:
 IMEG CORP
 263 SHUMAN BLVD, SUITE 550
 NAPERVILLE, IL, 60563
 P: 630.527.2320

CIVIL ENGINEER:
 HR GREEN
 1391 CORPORATE DRIVE, SUITE 203
 MCHENRY, IL, 60050
 P: 815.385.1778

ELECTRICAL ENGINEER:
 20/10 ENGINEERING
 1216 TOWER ROAD,
 SCHAMBURG, IL 60173
 P: 847.882.2010



2 FOURTH FLOOR ELECTRICAL PLAN
 1/4" = 1'-0"



1 THIRD FLOOR ELECTRICAL PLAN
 1/4" = 1'-0"

- GENERAL NOTES:**
- CONDUCTORS SHALL BE ROUTED IN GALVANIZED RIGID CONDUIT (GRC) WITH THREADED CONNECTIONS THAT IS SUITABLE FOR USE IN WET LOCATIONS.
 - CONDUIT CLAMPS, HANGERS, BRACKETS, SUPPORT CHANNELS SHALL BE GALVANIZED THAT IS SUITABLE FOR USE IN WET LOCATIONS.
 - JUNCTION BOXES SHALL BE DIE-CAST ALUMINUM WITH THREADED KNOCKOUTS THAT IS SUITABLE FOR USE IN WET LOCATIONS.
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 - EXPOSED CONDUITS SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO WALLS AND CEILINGS FOR NEATNESS AND APPEARANCE. CONTRACTOR SHALL COORDINATE EXACT ROUTING AND INSTALLATION REQUIREMENTS IN FIELD WITH PRE-FABRICATED STRUCTURE SUPPLIER.
 - COORDINATE EXACT PLACEMENT OF LUMINAIRES WITH PRE-FABRICATED STRUCTURE AND WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. REFER TO ARCHITECTURAL ELEVATIONS FOR ADDITIONAL INFORMATION.

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SHEET TITLE:
ELECTRICAL PLANS

SHEET NUMBER:
E1.20

