### **NOTICE**

### **Municipal Services Committee**

Regular Meeting Tuesday, February 23th, 2021 at 5:00 pm

Due to social distancing guidelines this meeting will be conducted via web conference at: <a href="meet.google.com/wje-xuct-mbr">meet.google.com/wje-xuct-mbr</a>. The public may also use the teleconference option at +1 (315)-801-9407 then enter conference pin: 863 831 330#

### **AGENDA**

- 1. Call meeting to order.
- 2. Roll call.
- 3. Civility Reminder.
- 4. Motion to approve the agenda as presented.
- 5. Motion to waive the reading and approve the minutes as printed from the January 26th, 2021 regular Municipal Services meeting.
- 6. Citizen Appearances other than agenda items.

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- 7. Review of sanitary sewer billing adjustments. (Jan, Apr, Jul, Oct)
- 8. Director's Report
  - a. Parks and Recreation Report
  - b. Emergency Action Plan Addition Load Shedding (Placeholder)
  - c. Water Rate Case
  - d. Water Complaints
  - e. Apprenticeship Program Audit
  - f. AMI Project (Placeholder)
    - (1) Current AMI count remaining- Elec: **0** Water: 281
  - g. Lake Leota Dam Repair Update (Placeholder)
    - Scope Adjustment
  - h. West Side Park Progress (Placeholder)
  - i. Bridge Inspection (Placeholder)
  - j. Municipal Services building expansion progress report.
  - k. 5G Installation Update
    - Fiber Attachment Existing Agreement / New Agreement
    - Pole Attachment Fee
- 9. City Engineer Report
  - a. Sub-division / Development Update
  - b. Inflow and Infiltration Study (Placeholder)
  - c. Roadway construction & other project updates. (Placeholder)
    - First & Second St Projects
    - 6<sup>th</sup> & Badger Roundabout

### Sidewalks

- 10. Administrative Staff's Report
  - a. Non-Collectable Utility Accounts Review (Placeholder)
    - Account Write-offs Review
  - b. DPA Policy Amendment Document Review
- 11. WPPI
  - a. Amy Wanek ESR Report
- 12. Old Business
- 13. New Business
  - a. Energy Independence Meeting Update
- 14. Upcoming Meeting Date, March 30th, 2021 at 5:00 pm
- 15. Adjourn

### James Brooks, Committee Chair

Please turn off all cell phones and electronic devices before meeting commences. If you have any special accessibility issues please contact Evansville City Hall at 608-882-2266 prior to the scheduled meeting. Thank you.

### **NOTICE**

### **Municipal Services Committee**

Regular Meeting Tuesday, January 26th, 2021 at 5:00 pm

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### **Minutes**

### 1. Call meeting to order.

Brooks called the meeting to order at 5:01pm

### 2. Roll call.

Jim Brooks, Ben Ladick and Gene Lewis were in a attendance. Also present were: Chad Renly, Brian Berquist, Nick Bubolz, Donna Hammett, Kerry Lindroth, Dale Roberts & Amy Wanek as well as Lisa Legler.

### 3. Civility Reminder.

### 4. Motion to approve the agenda as presented.

Brook suggested a change in the agenda. Ladick made a motion to move item 8n to follow item 8a. Motion was seconded by Lewis. Motion passed 3-0

# 5. Motion to waive the reading and approve the minutes as printed from the December 29th, 2021 regular Municipal Services meeting.

Ladick/Lewis 3-0 Motion Passed

### 6. Citizen Appearances other than agenda items.

None

### 7. Quarterly review of sanitary sewer billing adjustments.

The Committee had no comments on the billing adjustments presented.

### 8. Director's Report

### a. Parks and Recreation Report

Renly began by talking about the plans the Boy Scouts had to have their annual ice fishing event at Lake Leota Park. A great deal of discussion was had regarding COVID restrictions and ultimately the committee decided to allow the event without any endorsement from the City as long as certain percussions were taken and County Health Dept recommendations followed. Renly also stated that the dam repair project plans were due to be reviewed by him within the next few days and would then be turned into the DNR for their review. Renly also mentioned looking into a ice skating rink and possible placement at the West Side Park just off of the parking lot. Options on how to build the rink would be discussed further but a plan would be put together and potentially ready for next winter.

\*\*\*Disconnection & DPA Plan – PSC Submittal\*\*\* (Moved per motion)

The discussion was started with Hammett discussing the current way in which DPA's (Deferred Payment Agreements) are handled with our existing tariff. Brooks asked who was currently eligible. Hammett stated that under the existing tariff homeowners and tenants that were less than 60 days overdue were eligible for a DPA. Hammett went on to say that in 2020 DPA's were allowed for everyone, and that 250 were sent out. There were 40 customers that had signed up and only 5 that had kept up with the agreement. Renly stated that based on the reports that he and Hammett had worked on the PSC was looking to utilities for plans on how they would handle their arrears. Some of the suggestions made were lessening the amount owned up front, increasing the amount owed to become eligible for a DPA and removing the amount of time an account has been past due eligibility restriction. The Committee agreed to continue offering DPA's to customers regardless of the amount owed. The Committee also agreed that offering a DPA with a 50% down payment may be very difficult for some people to handle. They agreed to give staff the ability to offer a option of 25% down if 50% was too much. Hammett stated that she will work on putting the temporary adjustment recommendations together to send to the PSC for approval.

# **b.** Emergency Action Plan Addition - Load Shedding (Placeholder) Nothing new to report at this time..

### c. RP3 Submission

Renly stated that Kerry and he had been working with APPA on the RP3 submission and had to send in some additional documentation. Everything has been submitted and are currently waiting to hear back from APPA with the results.

### d. Downtown Flowers

Brooks stated that the ECP had worked with the Chamber in coordinating the flower baskets in the downtown area. In the past the ECP had struggled to find reliable help to consistently water the flowers. Brooks mentioned that the City only spends approximately \$700 on flowers which is very low in comparison to other cities. In looking for other options for reliable help Renly mentioned that the Summer help that the City hires could water the flower baskets first thing every morning during the weekdays. Brooks mentioned that ECP would be able to cover watering them on the weekends. Renly stated that they may need to look at some different options for water storage and deployment. Brooks stated that he had a few ideas and we would come up with a solution before the time came.

### e. AMI Project (Placeholder)

(1) Current AMI count remaining- Elec: <u>0</u> Water: 281 Meter replacements remain on hold due to COVID.

### f. Lake Leota Dam Repair Update (Placeholder)

See (Parks and Recreations Report) for dam update.

### g. West Side Park Progress Update

The Committee reviewed the Request for Quotes Document that Jason Sergeant had been working on. Books made several suggestions for change. The RFQ will now go to Common Council for review and discussion before returning back to the Park Board.

### h. Bridge Inspection (Placeholder)

No update at this time.

- i. Municipal Services building expansion progress report.
  - Sprinkler System vs Fire Wall

Renly went through the current drawings for the building and discussed the overall layout of the building. Renly asked if the committee they had a preference for installing a firewall or a sprinkler system. The existing portion of the building, when built, did not require a sprinkler system at the time. New building codes due to the overall size would now require either a sprinkler system or a firewall to be installed. Renly said that the cost of the firewall would be approximately \$30,000 and the cost of a sprinkler system would be approximately \$90,000. The Committee decided to go with the firewall. Renly also mentioned the potential of a bathroom being required by code. The Committee stated that they would like to see a men's and women's bathroom versus a single unisex restroom in the expansion which will provide more flexibility for the space down the road.

### j. 5G Installation – Update

Renly stated that the process is moving a long and that he is currently working on passing the dedicated fiber network required for the 5G

k. Motion to recommend to Common Council the replacement of Article IX of Article 106 with ordinance #2021-\_\_\_\_ regarding small cell wireless facilities in City Right-of-Way.

Renly started by saying that this Ordinance will match the currently existing State Statute that was originally adopted by the State after the first Model Ordinance was introduced by the MEUW. Renly went on by saying that this Ordinance will remove the exemptions to the utility had in the previous version. Once this is adopted the MLA, Ordinance and State Statute will match in verbiage.

Ladick / Lewis Motion Passed 3-0

Four-Way stop request within connecting limits of USH 14 at Main & Water St. Renly stated that the Safety Committee had requested at a previous meeting that he look into the possibility of a controlled intersection at both Water & Main as well as Water St & Madison. Renly stated that he looked into the City's ability to make such a change within connecting limits on State roads as well as the warrants that are required to be met to make such a change. Renly stated that at the intersection of Water St & Madison it would be very difficult to meet the warrants at a "T" intersection which it does not. Renly then began to discuss the warrant requirements for the Water St & Main St intersection. While the intersection exceeds ADT (Average Daily Traffic) required for a controlled intersection the volume shown is to high for a 4-way stop. Having a 4-way stop at this intersection would create large backups and impede traffic flow of a state trunk highway to greatly and the DOT would not allow it. The only possible project that would be allowed would be a lighted intersection. Renly stated that the DOT did not have any projects planned that could provide any additional funding and would require an additional study verify that it met the warrant requirements. Berquist stated that the project would cost approximately \$150,000 based on other recent projects they have seen. The Committee agreed that such a project would not be warranted at this time.

### m. Utility Bill Insert

Donna presented a utility bill insert regarding "Managing Your Utility Bill" this is a response to get the message out to struggling customers and provide them with options for paying their electric bills. Options included WHEAP (Wisconsin Home Energy Assistance Program) as well as DPA's (Deferred Payment Arrangements). The Committee agreed this was a good idea.

n. Disconnection & DPA Plan - PSC submittal (Moved to follow item 8a)

### 9. City Engineer Report

a. Sub-division / Development Update

No update at this time.

b. Inflow and Infiltration Study (Placeholder)

No update at this time.

c. Roadway construction & other project updates. (Placeholder)

• First & Second St projects

Berquist & Bubolz began by going over the projects plan set and discussed the southernmost portion of 2<sup>nd</sup> St. Berquist stated that he Bubolz & Renly had meet with the Township and discussed the project. The Township was not interested in contributing to the project but were ok with permitting any work related o the project within their Right-of-Way. Brooks said that extending the utilities to the south side of Old Hwy 92 would be good for the future expansion of the City. The Committee discussed the possibility of leaving the Townships potion of the road as is and only extend the utilities and reconstruct the City's portion of the roadway. Renly stated that reconstructing the entire road way will improve the safety of the intersection with Old Hwy 92 improving the grade as well as the vision for drivers. The Committee agreed to move forward with building the entire southern portion of the roadway to improve the conditions of the intersection. Utilities will also be extended for future development opportunities.

1. First St. reconstruction project expansion request (Liberty – Main St.) The Committee discussed the possibility of adding the northern two blocks of 1<sup>st</sup> St from Liberty St. to Main St., Mayor Hurtley wanted to ensure that that section of roadway was not missed later. Renly brought up the fact that it would add approximately \$700,000 to the project's cost and said that he had an idea that could work for the project. Renly stated that the Liberty St project is scheduled for 2022. The current limits of the project are from S 5<sup>th</sup> St to Madison. Renly said that the roadway condition of Liberty from Third to Fifth overall was in decent condition and the water main was already 6 inch. The sewer main was in decent condition as well based on video taken last year. Roberts mentioned that there are some issues with tree roots growing in that area. Renly said that they will look into it and come up with a possible solution. Renly proposed that the limits of the Liberty St project be changed to end at Third St and the two blocks of First St be added onto the Liberty Street project. Renly stated that the remaining two blocks of Liberty could be revisited at a later date. Berquist stated that this change would work out well. The Committee agreed to move forward with the change in scope and to add the northern two First St blocks onto the 2022 project schedule with Liberty St.

### • 6<sup>th</sup> & Badger Roundabout

No new changes for this project.

### Sidewalks

No new changes, the sidewalk is still planned to be completed as part of the street reconstruction projects.

### 10. Administrative Staff's Report

a. Non-Collectable Utility Accounts Review (Feb, Apr, Jun, Aug, Oct, Dec)

### **11. WPPI**

### a. Amy Wanek - ESR Report

Wanek discussed that she had discussed Focus On Energy & WPPI offerings with key energy accounts. She also talked with Larson Acres about a biodigester and discussed potential incentives with them. Wanek also reported that the Evansville High School had submitted their grant to the Office of Energy for LED Lighting. She will be meeting with the High School again in a week to discuss WPPI's Energy Management for Schools.

### 12. Old Business

None

### 13. New Business

Brooks mentioned that the Energy Independence Committee will be meeting next week.

### 14. Upcoming Meeting Date, February 23rd, 2021 at 5:00 pm

### 15. Adjourn

Ladick / Lewis at 6:55 pm

### James Brooks, Committee Chair

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- 1. DESIGNED IN ACCORDANCE WITH THE CURRENT WISCONSIN COMMERCIAL BUILDING CODE BASED ON THE 2015 INTERNATIONAL BUILDING CODE.
- DESIGN LOADS:
- A. ROOF DEAD LOAD: ROOF DECK & SECONDARY = 2.2 PSF FRAMES = 2.5 PSF
- B. COLLATERAL GRAVITY = 3 PSF
- C. ROOF LIVE LOAD: 20 PSF REDUCIBLE
- D. DESIGN SNOW LOAD:
- Pg = 30 PSFPf = 0.7(Ce)(Ct)(I)(Pg) = 21 PSF
- Ce = 1.0Cs = 1.0Ct = 1.0

I = 1.0

- DRIFTING & UNBALANCED SNOW: PER CODE
- D. WIND DESIGN CRITERIA ULTIMATE WIND SPEED = 115 MPH
- EXPOSURE = BI = 1.0
- Kzt = 1.0GCpi = +/-.018
- G. SEISMIC DESIGN CRITERIA SEISMIC USE GROUP = I SITE CLASS = D
- Ss = 18.00%; S1 = 8.0%SDS = 0.192; SD1 = 0.128
- SEISMIC DESIGN CATEGORY = B SEISMIC RESISTING SYSTEM = STRUCTURAL STEEL SYSTEMS SPECIFICALLY NOT DETAILED FOR SEISMIC DESIGN BASE SHEAR = 0.064\*W

### <u>GENERAL</u>

- 1. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER AND ARCHITECT OF ANY DISCREPANCY IMMEDIATELY.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON NEW OR EXISTING STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
- 3. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR HAVING AN INDEPENDENT ENGINEER DESIGN AND FURNISH ALL TEMPORARY BRACING AND/ OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. THE STRUCTURAL ENGINEER SEAL ON THESE DRAWINGS ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND ALL JOB SITE
- 5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL BUILDING MATERIALS AND COMPONENTS. COMPONENT LOCATIONS ARE SHOWN FOR DESIGN INTENT, NOT EXACT LOCATION, UNLESS NOTED SPECIFICALLY. INDEPENDENTLY PREPARED SHOP DRAWINGS ARE REQUIRED OF ALL TRADES FOR COORDINATION AND BEST PRACTICE. ERRORS OR OMISSIONS IN INSTALLATION DUE TO THE CONTRACTOR'S FAILURE TO COORDINATE THE WORK WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL CONDITIONS PRIOR TO BIDDING. THIS INCLUDES INSURING ERECTION CAN BE PERFORMED AS DETAILED ON THE PLANS. IF MODIFICATIONS ARE NEEDED TO FACILITATE ERECTABILITY THE BIDDING CONTRACTOR SHALL NOTIFY THE OWNER, ARCHITECT AND ENGINEER AND CLEARLY COMMUNICATE ASSUMPTIONS IN BID DOCUMENTS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ADDITIONAL COSTS DUE TO REQUIRED MODIFICATIONS OF THESE PLANS TO FACILITATE ERECTION SEQUENCING ETCETERA.
- 7. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS.
- a. ALL SHOP DRAWINGS MUST BE THOROUGHLY REVIEWED BY THE CONTRACTOR AND STAMPED AS REVIEWED PRIOR TO SUBMITTING TO THE ENGINEER FOR FURTHER REVIEW.
- THE CONTRACTOR SHALL PROVIDE THEIR REVIEWED SUBMITTAL TO THE ENGINEER IN PDF FORMA c. THE OMISSION OF SHOP DRAWINGS OF ANY MATERIAL SHALL NOT RELIEVE THE CONTRACTOR OF THE
- RESPONSIBILITY OF FURNISHING AND INSTALLING SUCH MATERIALS. d. SHOP DRAWINGS SHALL BE FURNISHED TO THE ENGINEER TO ALLOW FOR 10 WORKING DAYS TO REVIEW
- AND RETURN.
- 8. MAXIMUM ALLOWABLE DEFLECTION CRITERIA: FRAME VERTICAL: L/ 180 SNOW FRAME LATERAL: H/60 10 YR WIND PURLINS: L/ 180 SNOW GIRTS: L/90 10 YR WIND

## **FOUNDATION**

- . PRESUMPTIVE ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF. THE STRUCTURAL ENGINEER MAKES NO WARRANTY AND ASSUMES NO LIABILITY REGARDING ACTUAL SOIL CONDITIONS. THE GENERAL CONTRACTOR SHALL RETAIN A SOILS TESTING FIRM TO VERIFY SOILS MEET OR EXCEED THE PRESUMED CAPACITY. SOILS TESTING FIRM TO PROVIDE RECOMMENDATIONS TO IMPROVE SOIL CONDITIONS WHEN APPLICABLE AND TO PROVIDE RECOMMENDATIONS REGARDING UNDERCUTTING, FILL, SUB-BASE, EXCAVATION AND SITE MORNING. CONTACT MP2 IF FOUNDATION MODIFICATIONS ARE REQUIRED DUE TO POOR SOILS.
- 2. PROJECT GEOTECHNICAL REPORT SUPERSEDES GEOTECHNICAL INFORMATION PROVIDED ON STRUCTURAL
- 3. THE GENERAL CONTRACTOR (GC) SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION PROCEDURES THAT MAY AFFECT ADJACENT EXISTING STRUCTURES, ROADS, OR OTHER SIGNIFICANT PROPERTY. IT IS THE RESPONSIBILITY OF THE GC TO RETAIN A SPECIALTY FOUNDATION DESIGN CONSULTANT, GEOTECHNICAL ENGINEER, OR OTHER ENGINEERING CONSULTANT BEFORE EXCAVATION & AS REQUIRED DURING CONSTRUCTION. THE CONSULTANT SHALL PROVIDE ENGINEERED SOIL RETENTION/STABILIZATION SYSTEM, INSTALLATION GUIDANCE, AND ADJACENT PROPERTY MONITORING AS NEEDED DURING CONSTRUCTION. THE ARCHITECT AND/OR EOR SHALL BE NOTIFIED IMMEDIATELY IF ADJACENT PROPERTY (FOUNDATION MOVEMENT, CRACKING, ETC) IS DETECTED.
- 4. CONTRACTOR SHALL READ AND FOLLOW ALL RECOMMENDATIONS PROVIDED IN SOIL REPORT. CONTRACTOR SHALL ENGAGE A QUALIFIED COMPANY TO MONITOR SOIL DURING CONSTRUCTION.
- 5. REFER TO THE GEOTECHNICAL INVESTIGATION FOR INFORMATION REGARDING REQUIRED UNDERCUT, EXCAVATION, SIDE SLOPES, SUB-GRADE PREPARATION, AND FILL RECOMMENDATIONS.
- 6. GRADE AREAS IN ACCORDANCE WITH ELEVATIONS AND GRADES SHOWN ON THE SITE DRAWINGS AND AS
- REQUIRED FOR DRAINAGE.
- 7. SLAB ON GROUND TO BE CONSTRUCTED ON A MINIMUM OF 6" OF CRUSHED STONE OR GRANULAR FILL COMPACTED TO 95% MODIFIED PROCTOR OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- 8. ALL FILL MATERIAL USED IN GRADING OPERATIONS SHALL BE GRANULAR MATERIAL AND BE FREE OF DEBRIS, BOULDERS OR ORGANIC MATERIAL. FILL SHALL BE PLACED IN MAXIMUM OF 12" LIFTS AND COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- 9. THE BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 4'-0" BELOW FINISHED GRADE.
- 10. ALL FOUNDATIONS SHALL BEAR ON NATIVE SOIL OR COMPACTED GRANULAR FILL HAVING A MINIMUM ALLOWABLE BEARING CAPACITY EQUAL TO THE PRESUMPTIVE CAPACITY ABOVE.
- 11. THE ENGINEER SHALL BE NOTIFIED IF ACTUAL FIELD CONDITIONS DO NOT MEET BEARING REQUIREMENTS, OR IF QUESTIONABLE SOIL CONDITIONS ARE DISCOVERED INCLUDING BUT NOT LIMITED TO PEAT AND OTHER HIGH ORGANIC SOILS.
- 12. ALL BEARING SOIL OR FILL MUST BE PROTECTED FROM FREEZING. THE CONTRACTOR SHALL PROVIDE PROTECTION TO PREVENT FROST PENETRATION BELOW THE CONCRETE BEARING ELEVATIONS. ANY FROZEN SOIL BELOW THE FOUNDATION BEARING LEVEL MUST BE REMOVED PRIOR TO PLACING CONCRETE.
- 13. ALL SLABS ON GRADE AREAS SHALL BE PROOF ROLLED. ALL SOFT SPOTS SHALL BE REMOVED AND REPLACED WITH COMPACTABLE FILL.
- 14. THE CONTRACTOR SHALL USED CONTROLLED GRANULAR FILL APPROVED BY THE GEOTECHNICAL ENGINEER TO BE PLACED AGAINST ALL CANTILEVERED RETAINING WALLS.

- 16. WHEN UNDERPINNING IS REQUIRED EXISTING FOOTINGS SHALL BE SEQUENTIALLY UNDERPINNED WITH UNDERMINED FOOTING SEGMENTS NOT TO EXCEED 4'-O" AT ANY TIME WITHOUT PRIOR AUTHORIZATION. THE GENERAL CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE PROJECT STRUCTURAL ENGINEER A DETAILED CONSTRUCTION SEQUENCE PLAN. THE PLAN SHALL INCLUDED INTENDED METHODS, MATERIALS AND A PRECONSTRUCTION SURVEY OF THE EXISTING BUILDING AND HAVE PROVISIONS FOR MONITORING THE
- 17. REMOVE TOPSOIL FROM BENEATH ALL PROPOSED CONSTRUCTION AREAS. SALVAGE AND STOCK PILE TOPSOIL, CUT/FILL MATERIAL AS NECESSARY TO MATCH GRADES SHOWN ON DRAWINGS.

### CONCRETE CONSTRUCTION

f. ALL OTHER CONCRETE:

- 1. ALL CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO THE LOCAL BUILDING CODE REQUIREMENTS AND THOSE OF THE LATEST EDITION OF THE FOLLOWING STANDARDS: ACI 318, ACI 315, ACI 301, AND ACI 305 & 306.
- 2. ALL CONCRETE UNLESS SPECIFICALLY NOTED SHALL BE NORMAL WEIGHT (145 PCF) AND SHALL ACHIEVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (fc') AS FOLLOWS:
  - a. FOOTINGS BELOW FROST LINE: b. EXTERIOR FOUNDATION WALLS AND GRADE BEAMS
  - THAT ARE EXPOSED TO FREEZING: f'c = 4,000 PSIf'c = 4.000 PSIc. INTERIOR AND EXTERIOR SLAB ON GROUND: d. SLAB ON GROUND WITH FORK TRUCK TRAFFIC: f'c = 4,000 PSIe. CONCRETE BEAMS, JOIST, & COLUMNS: f'c = 4,000 PSI
- 3. ALL CONCRETE SUBJECT TO EXTERIOR EXPOSURE SHALL BE AIR ENTRAINED TO 6% (+/- 1.5%) AND HAVE A MAXIMUM 1.5" AGGREGATE, ALL CONCRETE WITHOUT SUPERPLASTICIZERS SHALL HAVE A MAXIMUM SLUMP OF 4"  $\pm$  1".

f'c = 3,000 PSI

- 4. ALL SLABS ON GROUND SHALL BE A MINIMUM 5-BAG MIX AND SHALL UTILIZE 1.5 INCH TOP AGGREGATE IN AN EVENLY DISTRIBUTED AGGREGATE GRADATION.
- 5. CONCRETE SLABS ON GROUND CONTAINING REINFORCEMENT SHALL PLACE ALL REINFORCING BARS AND WWF ON CHAIRS, TIED IN PLACE, AND LOCATED IN THE MIDDLE TO THE UPPER ONE—THIRD OF THE SLAB, LIFTING REINFORCING AFTER CONCRETE IS PLACED IS NOT CONSIDERED TO BE AN EFFECTIVE MEANS OF PLACEMENT AND SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN CONSENT OF THE ENGINEER. WELDED WIRE REINFORCEMENT FABRIC SHALL BE SUPPORTED WITH APPROVED MATERIALS OR SUPPORTS AT SPACING NOT TO EXCEED 3 FEET OR IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. WELDED PLAIN WIRE REINFORCEMENT FABRIC FOR CONCRETE SHALL CONFORM TO
- 6. ALL CONCRETE MIX DESIGNS SHALL MINIMIZE SHRINKAGE AS MUCH AS IS PRACTICAL. INCLUDING SELECTION OF AGGREGATE TYPE, SIZE, GRADATIONS W/ C RATIO AND ADD MIXTURES.
- 7. UNLESS THE MIX DESIGN INCLUDES THE USE OF SUPERPLASTICIZERS, CONCRETE WITH A SLUMP GREATER THAN 5" SHALL
- 8. ALL CONCRETE REINFORCING STEEL TO BE ASTM A615 GRADE 60. ALL WELDED WIRE FABRIC (WWF) TO BE ASTM A 185. ALL REINFORCING SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315 AND 315R.
- 9. ALL REINFORCING BARS AND WWF SHALL BE SET ON CHAIRS AND TIED IN PLACE.
- 10. AFTER CONCRETING HAS STARTED, IT SHALL BE CARRIED ON AS A CONTINUOUS OPERATION UNTIL PLACING OF A PANEL OR SECTION, AS DEFINED BY ITS BOUNDARIES OR PREDETERMINED JOINTS, IS COMPLETED. CONCRETE SHALL BE DEPOSITED AS NEARLY AS PRACTICABLE TO ITS FINAL POSITION TO AVOID SEGREGATION DUE TO REHANDLING OR
- 11. CONCRETING OPERATIONS SHALL BE CARRIED ON AT SUCH A RATE THAT THE CONCRETE IS AT ALL TIMES PLASTIC AND FLOWS READILY INTO SPACES BETWEEN REINFORCEMENT.
- 12. CONCRETE SHALL BE THOROUGHLY CONSOLIDATED BY SUITABLE MEANS DURING PLACEMENT AND SHALL BE THOROUGHLY WORKED AROUND REINFORCEMENT AND EMBEDDED FIXTURES AND INTO CORNERS OF THE FORMS. THE TOP SURFACES OF VERTICALLY FORMED LIFTS SHALL BE GENERALLY LEVEL.
- 13. CONCRETE SHALL BE CURED ABOVE 50°F (10°C) AND IN A MOIST CONDITION FOR AT LEAST THE FIRST SEVEN DAYS AFTER PLACEMENT. DO NOT PLACE CONCRETE WHEN DURING ANY POINT IN THE DAY THE MEAN DAYLIGHT TEMPERATURE IS
- 14. ALL FLAT WORK CONCRETE MUST BE CURED. FLATW WORK IS RECOMMENDED TO BE COVERED IMMEDIATELY FOLLOWING SAW CUTTING AND MAINTAINED CONTINUOUSLY WET FOR A MINIMUM OF 7-DAYS AFTER PLACING. CURING SHEETS ARE TO BE USED AND REMAIN IN PLACE. CURING COMPOUNDS MAY BE USED INSTEAD OF WET CURE WHEN APPROVED BY TI ARCHITECT. CURING COMPOUNDS MUST BE APPLIED AT A MINIMUM OF TWO PERPENDICULAR COATINGS AND PER THE MANUFACTURERS RECOMMENDATIONS. SUBMIT PRODUCT DATA TO A/E FOR APPROVAL.
- 15. RETEMPERED CONCRETE, CONCRETE THAT HAS BEEN REMIXED AFTER INITIAL SET OR PARTIALLY HARDENED SHALL NOT BE USED IN THE STRUCTURE.
- 16. SLAB REINFORCING, BARS OR WWF, SHALL BE PLACED WITHIN 1-1/2" OF THE TOP OF THE SLAB UNLESS NOTED OTHERWISE, PLACING REINFORCING ON CHAIRS OR BOLSTERS AT 3' TO 4' ON CENTER IS REQUIRED. LIFTING REINFORCING AFTER CONCRETE IS PLACED IS NOT CONSIDERED TO BE AN EFFECTIVE MEANS OF PLACEMENT AND SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN CONSENT OF THE ENGINEER.
- 17. WHEN HAIRPINS TIES ARE SHOWN ON THE PLAN TO RESIST LATERAL FORCES AT THE BASE OF THE COLUMNS THE FLOOR SLAB MUST BE INSTALLED AND CURED A MINIMUM OF 10-DAYS PRIOR TO INSTALLATION OF FRAMES. IF FRAMES MUST BE INSTALLED PRIOR TO SLAB THE CONTRACTOR SHALL FURNISH AND INSTALL BRACING TO RESIST LATERAL FORCES AT THE BASE OF THE COLUMNS.
- 18. WHEN HAIRPIN TIES ARE SHOWN ON THE PLAN TO RESIST LATERAL FORCES AT THE BASE OF THE COLUMN THE HAIRPIN SHALL BE LAPPED AND TIED TO THE SLAB REINFORCING. THE SLAB REINFORCING, EITHER WWF OR BARS, SHALL BE PLACED IN A CONTINUOUS FASHION WITH APPROPRIATE LAPS RUNNING THE WIDTH OF THE BUILDING — FROM OUTSIDE COLUMN TO OUTSIDE COLUMN. DO NOT CUT MORE THAN EVERY-OTHER BAR OR WIRE OF SLAB REINFORCING DURING CONTROL JOINT INSTALLATION WHEN HAIRPIN TIES ARE USED.
- 19. WHEN HAIRPINS TIES ARE USED SPECIAL CARE MUST BE TAKEN TO INSURE ALL SLAB-ON-GRADE REINFORCING (BARS OR WWF) IS PROPERLY LAPPED AND NOT CUT DURING CONTROL JOINT INSTALLATION.
- 20. HAIRPIN TIES SHALL LAP ANCHOR BOLTS UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE PLANS.
- 21. ALL LAPS SHALL BE "B" SPLICES UNLESS NOTED OTHERWISE ON THE DRAWINGS OR UNLESS SPECIAL CARE IS TAKEN FOR
- THE REINFORCING TO BE DETAILED AND PLACED TO PROVIDE STAGGERED LAPS. 22. ALL CONCRETE SHALL BE CURED FOR A MINIMUM OF SEVEN DAYS.
- 23. UNLESS OTHERWISE APPROVED, ALL EXPOSED CONCRETE WALLS SHALL BE CURED WITH FORMS LEFT IN PLACE FOR SEVEN DAYS. IF FORMS CAN NOT BE LEFT IN PLACE THE CONTRACTOR SHALL SUBMIT IN WRITING TO THE ENGINEER ALL PROPOSED CURING METHODS.
- 24. WALL CRACKS DUE TO IMPROPER CURING METHODS, OR WEATHER PROTECTION SHALL BE THE RESPONSIBILITY OF THE
- 25. ANCHOR BOLT DIAMETER AND PLACEMENT TO BE PER THE METAL BUILDING SUPPLIER'S DRAWINGS. ANCHOR RODS SHALL BE A MINIMUM OF (4) 3/4" DIAMETER F1554, GRADE 36, WITH A 9" MINIMUM EMBEDMENT UNLESS NOTED OTHERWISE. THREADED RODS SHALL HAVE A NUT AND WASHER SECURED TO THE EMBEDDED END EITHER BY WELD OR DOUBLE NUT.
- 26. GROUT USED TO PROVIDE LEVEL BEARING OF COLUMN BASE PLATES SHALL BE NON-SHRINK, NON-METALLIC GROUT WITH A COMPRESSIVE STRENGTH 500 PSI OR MORE GREATER THAN THE COMPRESSIVE STRENGTH OF THE SUPPORTING
- 27. EPOXY FOR EPOXY GROUTED ANCHORS SHALL BE A TWO PART 100% SOLID EPOXY SUPPLIED AND DISPENSED THOUGH A STATIC MIXING NOZZLE SUPPLIED BY THE MANUFACTURER. DRILLED HOLES MUST BE <u>BRUSHED CLEAN</u> AND BLOWN OUT PRIOR TO INSTALLATION OF THE ANCHORS. FOLLOW ALL SUPPLIERS INSTRUCTIONS FOR INSTALLATION.

CONCRE	CONCRETE COMPRESSIVE STRENGTH f'c=3,000 PSI				CONCRE	TE COMPRE	SSIVE STRE	NGTH f'c= <u>4</u>	,000 PSI
	STD DEVI	LOPMENT GTH <sup>2</sup>					" TENSION ENGTH <sup>3</sup>		
BAR SIZE	BTM BARS	TOP BARS <sup>4</sup>	BTM BARS	TOP BARS <sup>4</sup>	BAR SIZE	BTM BARS	TOP BARS <sup>4</sup>	BTM BARS	TOP BARS <sup>4</sup>
#3	17"	22"	22"	28"	#3	15"	19"	19"	25"
#4	22"	29"	29"	38"	#4	19"	25"	25"	33"
<b>#</b> 5	28"	36"	36"	47"	#5	24"	31"	31"	41"
#6	33"	43"	43"	56"	#6	29"	37"	37"	49"
#7	48"	63"	63"	81"	#7	42"	54"	54"	71"
#8	55"	72"	72"	93"	#8	48"	62"	62"	81"

- BASED ON \_d VALUES FROM SECTION 25.4.2.2 IN ACI 318-14:
- 1.1 GRADE 60 REINFORCEMENT BARS
- 1.2 NORMAL WEIGHT CONCRETE (\_=1.0) 1.3 NON-EPOXY COATED BARS (\_=1.0)
- 1.4 CLEAR COVER > 1.0db; CLEAR SPACING > 2.0db; NOTIFY ENGINEER IF COVER NOT MET. STANDARD LAB SPLICES ARE TO BE USED WHEN < 50% OF BARS ARE LAPPED AT THE SAME LOCATION,
- INCLUDING TEMPERATURE AND SHRINKAGE LAP SPLICES. 2.1 PROVIDE CLASS B LAP SPLICES UNLESS DETAILED AND APPROVED BY ENGINEER.
- CLASS B LAP SPLICES ARE TO BE USED WHEN > 50% OF BARS ARE LAPPED AT THE SAME LOCATION,
- INCLUDING TEMPERATURE AND SHRINKAGE LAP SPLICES. HORIZONTAL (TOP) BARS HAVE MORE THAN 12" OF FRESH CONCRETE PLACED BELOW REINFORCEMENT. SPLICE LENGTHS ARE ROUNDED UP TO THE NEAREST INCH.

### 29. SLAB ON GRADE SHALL HAVE A CLASS "A" TOLERANCE.

THE BASE COURSE OR SUBGRADE AND THE CONCRETE FLOOR.

- 30. A 10-MIL (MIN.) POLYETHYLENE VAPOR BARRIER WITH JOINTS LAPPED NOT LESS THAN 6" SHALL BE PLACED BETWEEN
- 31. CALCIUM CHLORIDE AND OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED.
- 32. PLACING OF CONCRETE SHALL BE DONE IN CONFORMANCE WITH ACI-306 FOR COLD WEATHER AND ACI-305 FOR HOT
- 33. EXPOSED FOUNDATION WALLS SHALL HAVE VERTICAL CONTROL JOINTS SPACED NOT MORE THAN 25'- 0" ON CENTER. EACH JOINT SHALL BE 3/4" WIDE BY 1/4 WALL DEPTH DEEP AND V-CHAMFERED ON BOTH SIDES. HORIZONTAL WALL REINFORCING SHALL BE DISCONTINUOUS AT THE CONTROL JOINT LOCATION WITH GREASED SMOOTH DOWEL BARS AT 16" ON CENTER THRU THE JOINT. THE LOCATION OF WALL CONTROL JOINTS SHALL BE MID BAY BETWEEN COLUMNS.
- 34. EXPOSED FOUNDATION WALLS SHALL HAVE EXPANSION JOINTS LOCATED AT EVERY FOURTH CONTROL/CONTRACTION JOINT. SEE CONCRETE DETAILS FOR SPECIFIC CONSTRUCTION REQUIREMENTS.
- 35. FLOOR SLAB CONTROL JOINTS SHALL FOLLOW THE INTENT SHOWN ON THE PLAN BUT SHALL NOT EXCEED AN ASPECT RATIO OF 1.5 TO 1.0. ALL REENTRANT CORNERS SHALL HAVE CONTROL JOINTS EXTENDING OUT FROM THE INSIDE CORNER. DEAD-END "T" CONTROL JOINTS INTO CONTINUOUS JOINTS SHALL BE AVOIDED.
- 36. WALL EXPANSION JOINTS ARE REQUIRED WHERE INDICATED ON THE DRAWINGS BUT NOT TO EXCEED 125 FEET.
- 37. NO TACK WELDING WILL BE PERMITTED ON ASTM A615 GRADE 40 OR 60 STEEL.
- 38. CONSTRUCTION JOINTS SHALL BE LOCATED AT CONTROL JOINTS OR CONTRACTION JOINTS.
- 39. PIPE SLEEVES OVER 1 1/2" IN DIAMETER WHICH PASS THROUGH CONCRETE WALLS OR SLABS SHALL BE SCHEDULE 40. GALVANIZED STEEL PIPE. ALL OTHER SLEEVES SHALL BE 18 GAUGE SHEET METAL. SLEEVES SHALL BE ON SIZE LARGER THAN OUTSIDE DIAMETER OF THE PIPE PASSING THROUGH THE SLEEVE. VERIFY SIZE AND NUMBER WITH MECHANICAL, ELECTRICAL, AND PLUMBING CONTRACTOR.
- 40. ALUMINUM CONDUIT SHALL NOT BE EMBEDDED IN CONCRETE.

# PRE-ENGINEERED METAL BUILDING

- 1. ALL LOADS SHALL BE PROPORTIONED AND APPLIED IN ACCORDANCE WITH THE CURRENT WISCONSIN ENROLLED COMMERCIAL BUILDING CODE AND AS INDICATED IN THE GENERAL NOTES. BUILDING LOADS SHALL INCLUDE UNBALANCED SNOW LOADING, DRIFTING, SKIP LOADING AND OTHER CONSIDERATIONS REQUIRED BY CODE.
- 2. DEFLECTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE AISC STEEL DESIGN GUIDE SERIES 3 - SERVICEABILITY DESIGN CONSIDERATIONS FOR LOW-RISE BUILDINGS OR THE BUILDING CODE, WHICHEVER IS MORE RESTRICTIVE.
- 3. SUBMIT SEALED ANCHOR BOLT PLACEMENT PLAN AND COLUMN REACTIONS. A MINIMUM OF 4 ANCHOR BOLTS HAVING A DIAMETER OF 3/4" OR MORE SHALL BE USED FOR EACH COLUMN. ALL ANCHOR BOLTS MUST BE CENTERED A MINIMUM OF 4" FROM THE FOUNDATION OR PIER LINE.
- 4. BUILDING COLUMN SIZES SHALL NOT EXCEED THOSE SHOWN ON PLAN OR PIER SIZE SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR ORDERING THE BUILDING TO VERIFY COLUMN BASES FIT ON PIERS SHOWN. THE CONTRACTOR SHOULD THEN COORDINATE WITH THE SUPPLIER OR MP2 IF MODIFICATIONS ARE NEEDED.
- 5. THE METAL BUILDING SUPPLIER SHALL SUBMIT FRAME REACTIONS THAT INCLUDE UN-FACTORED REACTIONS FOR EACH INDIVIDUAL LOAD TYPE.
- 6. THE BUILDING ERECTOR SHALL HAVE A MINIMUM OF THREE YEARS EXPERIENCE IN THE ERECTION OF STEEL BUILDING SYSTEMS.
- 7. THE ERECTOR SHALL FURNISH TEMPORARY GUYS AND BRACING WHERE NEEDED FOR SQUARING, PLUMBING. AND SECURING THE STRUCTURAL FRAMING AGAINST LOADS, SUCH AS WIND LOADS ACTING ON THE EXPOSED FRAMING, AS WELL AS LOADS DUE TO ERECTION EQUIPMENT AND ERECTION OPERATION, BUT NOT INCLUDING LOADS RESULTING FROM THE PERFORMANCE OF WORK BY OTHERS. BRACING FURNISHED BY THE MANUFACTURER FOR THE METAL BUILDING SYSTEM CANNOT BE ASSUMED TO BE ADEQUATE DURING ERECTION. THE TEMPORARY GUYS, BRACES, FALSEWORKS AND CRIBBING ARE THE PROPERTY OF THE ERECTOR, AND THE ERECTOR SHALL REMOVE THEM IMMEDIATELY UPON THE COMPLETION OF THE ERECTION.

## **MISCELLANEOUS**

OF PIER/BUILDING LINE.

- 1. ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. CONTRACTOR SHALL CAREFULLY REVIEW AND COMPARE ALL DRAWINGS DURING THE BIDDING PERIOD AND BEFORE INSTALLATION OF THEIR WORK. ANY INCONSISTENCIES IN THE DRAWINGS SHALL BE REPORTED PROMPTLY TO THE ENGINEER AND ARCHITECT FOR CLARIFICATION.
- 2. EVERY EFFORT HAS BEEN MADE TO PROVIDE TO SCALE DRAWINGS, HOWEVER THE DRAWINGS ARE NOT NECESSARILY TO SCALE — USE GIVEN DIMENSIONS.
- 3. ALL ANCHOR BOLTS SHOULD HAVE A MIN SPACING OF 6\*BOLT DIAMETER FROM EACH OTHER AND EDGE
- 4. ALL WINDOW FRAMES SHALL BE INSTALLED TO ALLOW FOR A MINIMUM OF L/600 OR 1/2 INCH VERTICAL DEFLECTION OF THE HEADER WHICHEVER IS LESS.
- 5. DIMENSIONS OF EXISTING CONSTRUCTION OR CONSTRUCTION IN PROGRESS SHALL BE VERIFIED AND COORDINATED PRIOR TO FABRICATION OF STRUCTURAL COMPONENTS.

KNEE BRACE

LONG/LENGTH

LOW POINT

MAXIMUM

MINIMUM

METAL

NOMINAL

NOT TO SCALE

ON CENTER

OVER HEAD

OPPOSITE

ONE SIDE

BUILDING

PI ATF

PLATE

PFRIMFTFR

POST TENSIONED

REINFORCED CONCRETE

PROJECTION

PAVEMENT

ROOF DRAIN

REINFORCING

REQUIRED

SCHEDULE

SPACE/ SPACES

SPECIFICATION

STAINLESS STEEL

TRUSS BEARING ELEVATION

TOP OF CURB ELEVATION

TOP OF LEDGE ELEVATION

TOP OF PIER ELEVATION

TOP OF WALL ELEVATION

TOP OF STEEL ELEVATION

TOP OF SLAB ELEVATION

STRUCTURAL

SIMILAR

SQUARE

STEEL

THICK

TOP OF

TYPICAL

VFRTICAL

**WIDTH** 

WITH

WOOD

WIDE FLANGE

WORKING POINT

WITHOUT

VERIFY IN FIELD

WALL CONTROL JOINT

WOOD STUD BEARING WALL

WELDED WIRE FABRIC

SHEET

RADIUS

MECHANICAL

MANUFACTURE

MISCELLANEOUS

NOT IN CONTRACT

NORTH- SOUTH DIRECTION

OUTSIDE DIAMETER

PLUMBING CONTRACTOR

PRECAST/ PRESTRESSED

POWDER DRIVEN FASTENER

PRE— ENGINEERED METAL

PRE- FORMED JOINT FILLER

LVL

MAX

MFCH

MFG

MISC

NTS

PRO.J

PVMT

REINF

REQD

SCHED

SPEC

SSTL

STL

STR

THK

VFRT

W/O

MTL

STEEL ANGLE DESIGNATION

LIGHT GAGE METAL FRAMING

LAMINATED VENEER LUMBER

MASONRY BEARING WALL

LONG LEG HORIZONTAL

LONG LEG VERTICAL

ANCHOR BOLT

ACCOMMODATE

AGGREGATE

ALTERNATE

ABOVE FINISH FLOOR

BACK-TO-BACK

BUILDING LINE

BUILDING

BLOCK

BFAM

BFARING

**BOTH SIDES** 

CATCH BASIN

CAST IN PLACE

CENTERI INF

COMPOSITE

CONCRETE

CONNECTION

CONTINUOUS

CONTRACTOR

DIAMETER

DIAMFTER

DOWN DETAIL

DOWEL

DIMENSION

CONTROL JOINT

CONTRACTION OR

CONSTRUCTION JOINT

CONCRETE MASONRY UNIT

ELECTRICAL CONTRACTOR

EAST- WEST DIRECTION

**EXPANSION JOINT** 

ELEVATION

FI FVATOR

**ENGINEER** 

EACH WAY

**EXPANSION** 

EXTERIOR

FLOOR DRAIN FOUNDATION

FINISH FLOOR

FRAME LINE

FIELD VERIF

GALVANIZED

GRID LINE

GENERAL CONTRACTOR

HVAC CONTRACTOR

HEATING, VENTILATING, & AIR

HEADED WELDED STUD

HOLLOW METAL

CONDITIONING

INSIDE DIAMETER

INSULATION

INTERIOR

HORIZONTAL

HIGH POINT

HEIGHT

FLANGE

FUTURF

FOOTING

GAGE

HOOK

FACE-TO-FACE

FQUAI

CHANNEL DESIGNATION

CENTER- TO- CENTER

CENTER OF GRAVITY

ARCHITECT/ ARCHITECTURAL

ACCOM

AGG

ARCH

BLDG

CLR

CMU

COMP

CONC

CONN

CONT

DWL

**ELEV** 

EXIST

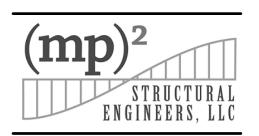
GALV

HORIZ

INSUL

CONTR

BLK



DOITION 

**Project Status** 02.08.2021 PROGRESS SET

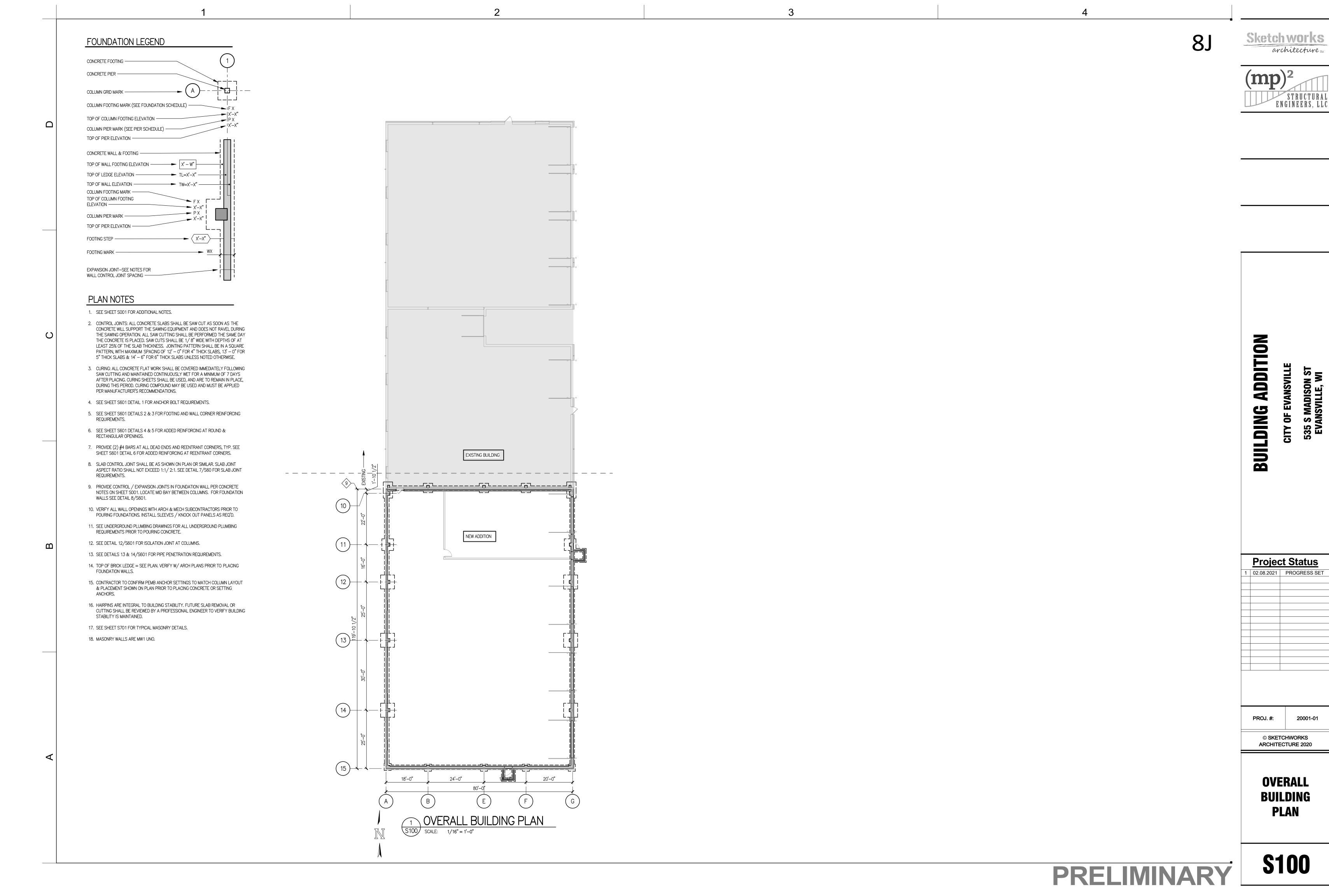
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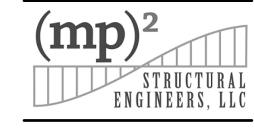
PROJ. #:

20001-01

**STRUCTURAL** 

PRELIMINARY S001





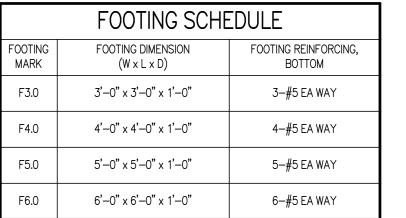
# **ADDITION**

**Project Status** 02.08.2021 PROGRESS SET

20001-01 PROJ. #:

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**FOUNDATION PLAN** 



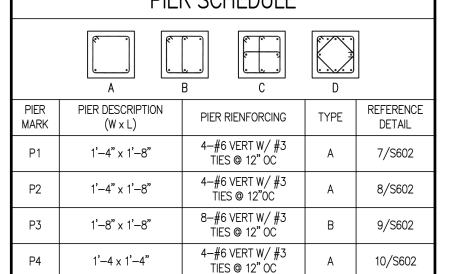
. CENTER FOOTING UNDER COLUMN. WHEN THE FOOTING IS COMBINED WITH A STRIP FOOTING, SUCH AS A RETAINING WALL, THE NET FOOTING SIZE MAY BE LARGER THAN EITHER

INDIVIDUAL FOOTING. COMBINE AS SHOWN. 2. FINAL PEMB REACTIONS TO BE REVIEWED & APPROVED FOR COMPATIBILITY

WITH THESE FOOTING SIZES BY A/E PRIOR TO CONSTRUCTION.						
PIER SCHEDULE						
A B C D						
PIER MARK	PIER DESCRIPTION (W x L)	PIER RIENFORCING	TYPE	REFERENCE DETAIL		
P1	1'-4" x 1'-8"	4-#6 VERT W/ #3 TIES @ 12" OC	А	7/S602		
P2	1'-4" x 1'-8"	4-#6 VERT W/ #3 TIES @ 12"0C	А	8/\$602		
P3	1'-8" x 1'-8"	8-#6 VERT W/ #3 TIES @ 12" OC	В	9/S602		
P4	1'-4 x 1'-4"	4-#6 VERT W/ #3 TIES @ 12" OC	А	10/S602		

1. CENTER PIER UNDER COLUMN OR UNDER BEAM BEARING UNLESS

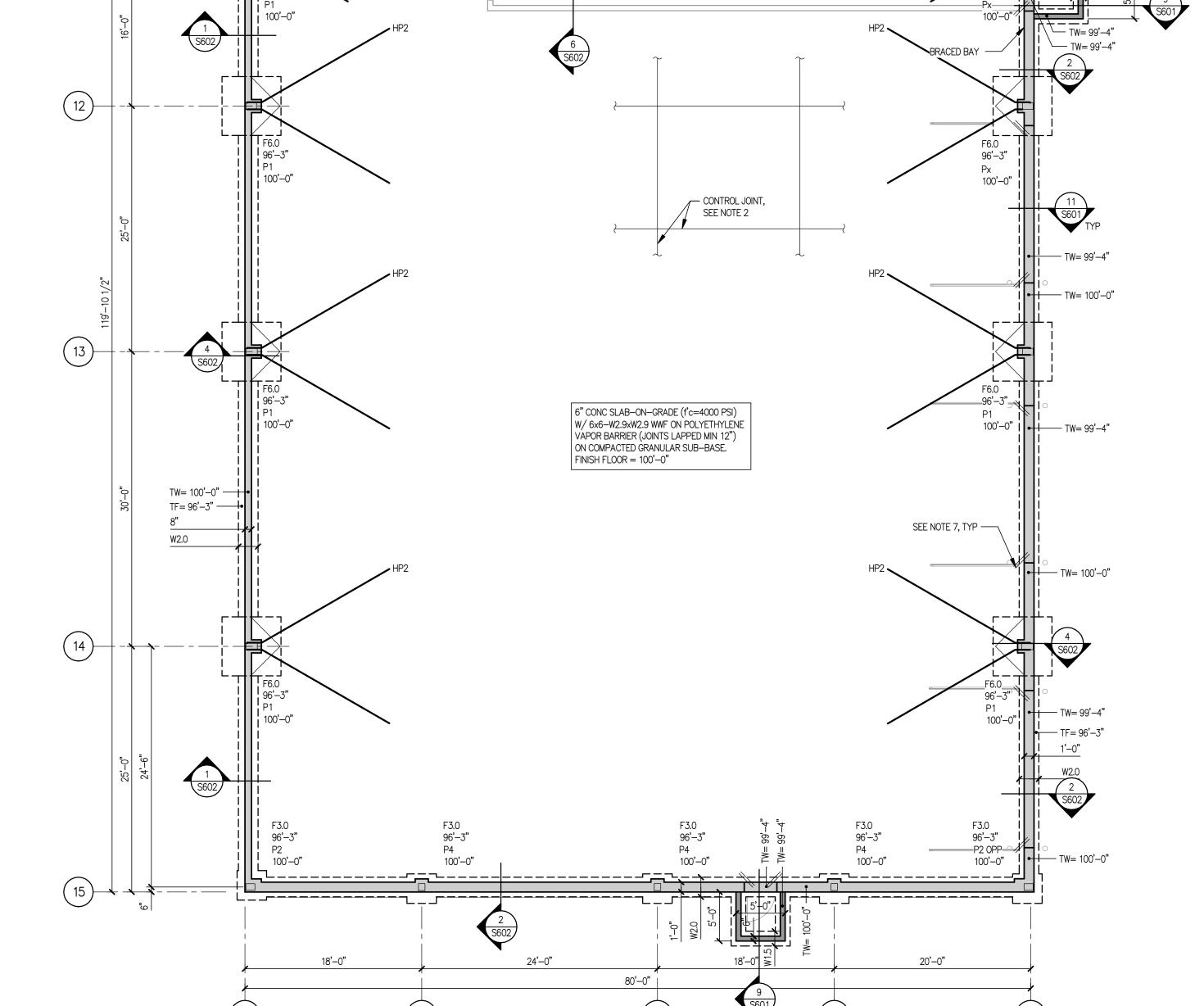
STRIP FOOTING SCHEDULE					
FOOTING MARK	FOOTING DIMENSION (W x D)	FOOTING REINF	REMARKS		
W1.5	1'-6" x 1'-0"	2-#5 CONT			
W2.0	2'-0" x 1'-0"	3-#5 CONT			



NOTED OTHERWISE 2. SEE DETAIL 4&5/S602 FOR TYPICAL PIER DETAILS. 2. PROVIDE DOWELS OF SAME SIZE & NUMBER AS VERTICAL REINFORCEMENT. MINIMUM LAP PER GENERAL NOTES WITH STANDARD ACI HOOK INTO FOOTING.

STRIP FOOTING SCHEDULE					
FOOTING FOOTING DIMENSION FOOTING REINF REMARKS  (W x D) FOOTING REINF					
W1.5	1'-6" x 1'-0"	2-#5 CONT			
W2.0	2'-0" x 1'-0"	3-#5 CONT			





EXISTING 6" CONC SLAB ON GRADE

EXISTING BUILDING

- REMOVE EXISTING STOOP

TW= 100'-0" -

TF= 96'-3" -

- EXISTING GIRTS &

PANEL TO REMAIN

├------<del>----</del>

- FIRE BARRIER

4'-0"x4'-0"x1'-0"

├── TF= 96'-3"

—— TW= 99'-4"

EXPANSION JOINT-SEE NOTES FOR WALL CONTROL JOINT SPACING -

PLAN NOTES 1. SEE SHEET S001 FOR ADDITIONAL NOTES.

FOUNDATION LEGEND

TOP OF COLUMN FOOTING ELEVATION -

COLUMN PIER MARK (SEE PIER SCHEDULE) —

COLUMN FOOTING MARK (SEE FOUNDATION SCHEDULE) —

CONCRETE FOOTING -

COLUMN GRID MARK -

TOP OF PIER ELEVATION —

CONCRETE WALL & FOOTING -

TOP OF LEDGE ELEVATION -

TOP OF WALL ELEVATION —

COLUMN FOOTING MARK -

TOP OF COLUMN FOOTING

COLUMN PIER MARK -

TOP OF PIER ELEVATION -

ELEVATION —

FOOTING STEP

FOOTING MARK -

TOP OF WALL FOOTING ELEVATION —

CONCRETE PIER -

 $\mathbf{\Omega}$ 

2. CONTROL JOINTS: ALL CONCRETE SLABS SHALL BE SAW CUT AS SOON AS THE CONCRETE WILL SUPPORT THE SAWING EQUIPMENT AND DOES NOT RAVEL DURING THE SAWING OPERATION. ALL SAW CUTTING SHALL BE PERFORMED THE SAME DAY THE CONCRETE IS PLACED. SAW CUTS SHALL BE 1/8" WIDE WITH DEPTHS OF AT LEAST 25% OF THE SLAB THICKNESS. JOINTING PATTERN SHALL BE IN A SQUARE PATTERN, WITH MAXIMUM SPACING OF 12' - 0" FOR 4" THICK SLABS, 13' - 0" FOR 5" THICK SLABS & 14' - 6" FOR 6" THICK SLABS UNLESS NOTED OTHERWISE.

─**─** TL=X'-X" -

TW=X'-X" -

3. CURING: ALL CONCRETE FLAT WORK SHALL BE COVERED IMMEDIATELY FOLLOWING SAW CUTTING AND MAINTAINED CONTINUOUSLY WET FOR A MINIMUM OF 7 DAYS AFTER PLACING. CURING SHEETS SHALL BE USED, AND ARE TO REMAIN IN PLACE, DURING THIS PERIOD. CURING COMPOUND MAY BE USED AND MUST BE APPLIED PER MANUFACTURER'S RECOMMENDATIONS.

4. SEE SHEET S601 DETAIL 1 FOR ANCHOR BOLT REQUIREMENTS.

5. SEE SHEET S601 DETAILS 2 & 3 FOR FOOTING AND WALL CORNER REINFORCING REQUIREMENTS.

6. SEE SHEET S601 DETAILS 4 & 5 FOR ADDED REINFORCING AT ROUND & RECTANGULAR OPENINGS.

7. PROVIDE (2) #4 BARS AT ALL DEAD ENDS AND REENTRANT CORNERS, TYP. SEE SHEET S601 DETAIL 6 FOR ADDED REINFORCING AT REENTRANT CORNERS.

8. SLAB CONTROL JOINT SHALL BE AS SHOWN ON PLAN OR SIMILAR. SLAB JOINT ASPECT RATIO SHALL NOT EXCEED 1:1/2:1. SEE DETAIL 7/S60 FOR SLAB JOINT REQUIREMENTS.

9. PROVIDE CONTROL / EXPANSION JOINTS IN FOUNDATION WALL PER CONCRETE NOTES ON SHEET SOO1. LOCATE MID BAY BETWEEN COLUMNS. FOR FOUNDATION WALLS SEE DETAIL 8/S601.

10. VERIFY ALL WALL OPENINGS WITH ARCH & MECH SUBCONTRACTORS PRIOR TO POURING FOUNDATIONS. INSTALL SLEEVES / KNOCK OUT PANELS AS REQ'D.

11. SEE UNDERGROUND PLUMBING DRAWINGS FOR ALL UNDERGROUND PLUMBING

REQUIREMENTS PRIOR TO POURING CONCRETE.

12. SEE DETAIL 12/S601 FOR ISOLATION JOINT AT COLUMNS.

13. SEE DETAILS 13 & 14/S601 FOR PIPE PENETRATION REQUIREMENTS.

14. TOP OF BRICK LEDGE = SEE PLAN. VERIFY W/ ARCH PLANS PRIOR TO PLACING FOUNDATION WALLS.

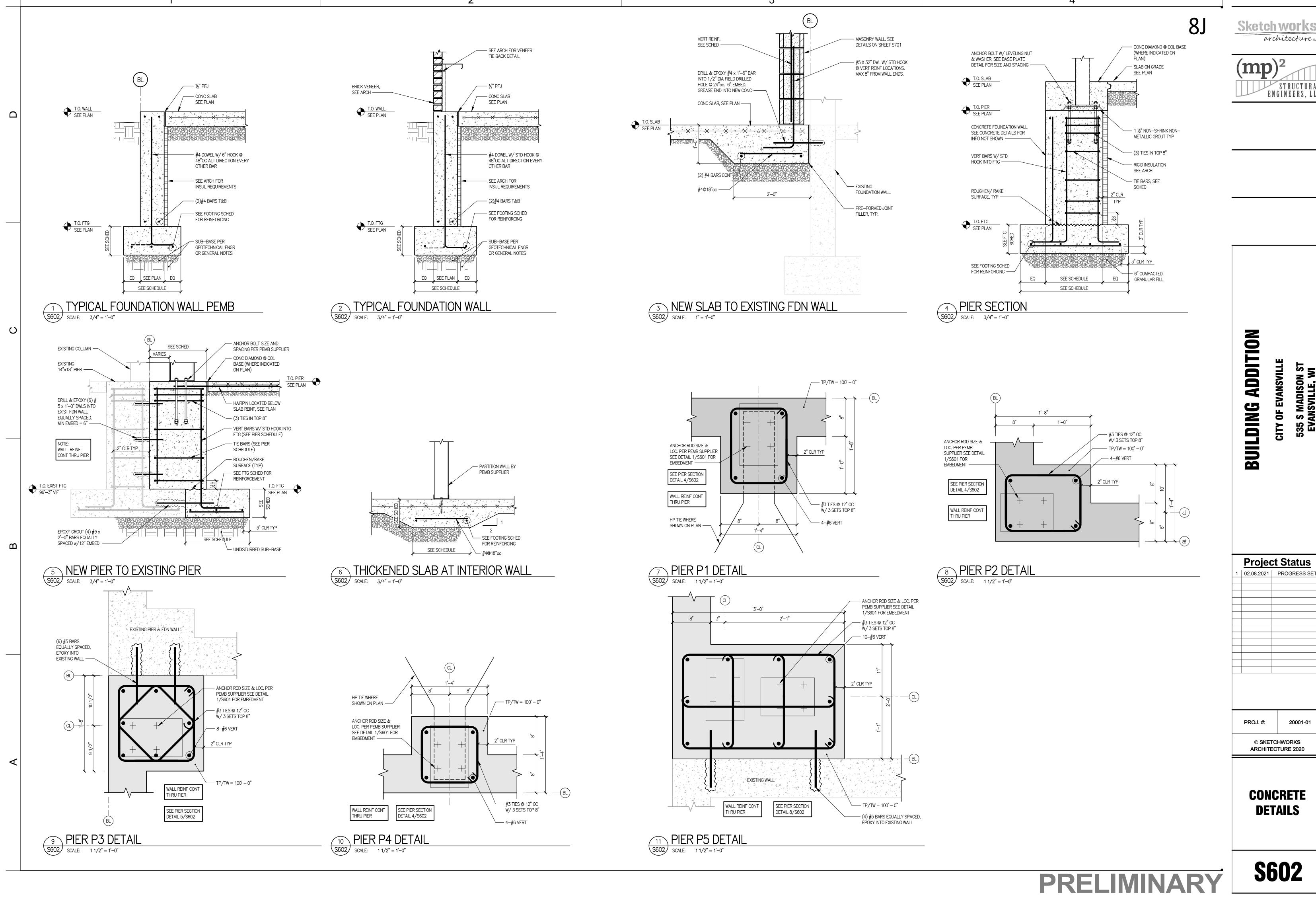
15. CONTRACTOR TO CONFIRM PEMB ANCHOR SETTINGS TO MATCH COLUMN LAYOUT & PLACEMENT SHOWN ON PLAN PRIOR TO PLACING CONCRETE OR SETTING

16. HAIRPINS ARE INTEGRAL TO BUILDING STABILITY. FUTURE SLAB REMOVAL OR CUTTING SHALL BE REVIEWED BY A PROFESSIONAL ENGINEER TO VERIFY BUILDING

17. SEE SHEET S701 FOR TYPICAL MASONRY DETAILS.

18. MASONRY WALLS ARE MW1 UNO.

 $\mathbf{\Omega}$ 



architecture

STRUCTURAL ENGINÊERS, LLC

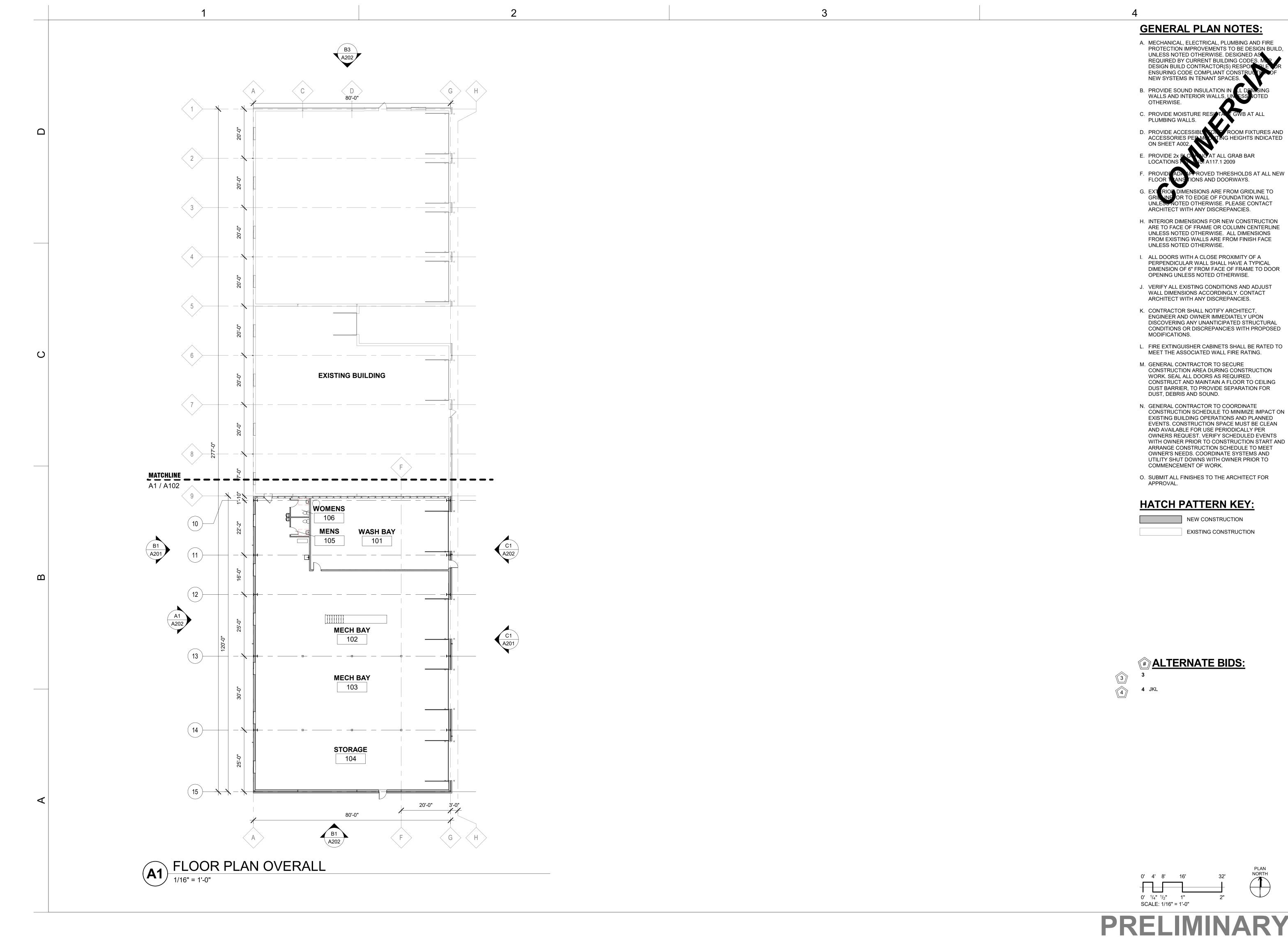
**ADDITION** CITY OF EVANSVILLE 535 S MADISON ST EVANSVILLE, WI BUILDING

**Project Status** 02.08.2021 PROGRESS SET

PROJ. #: 20001-01 © SKETCHWORKS ARCHITECTURE 2020

**CONCRETE DETAILS** 

ENGINEERS, LLC



Sketch works architecture

**8**J

**ADDITION** 535 S MADISON ST EVANSVILLE, WI 

OF.

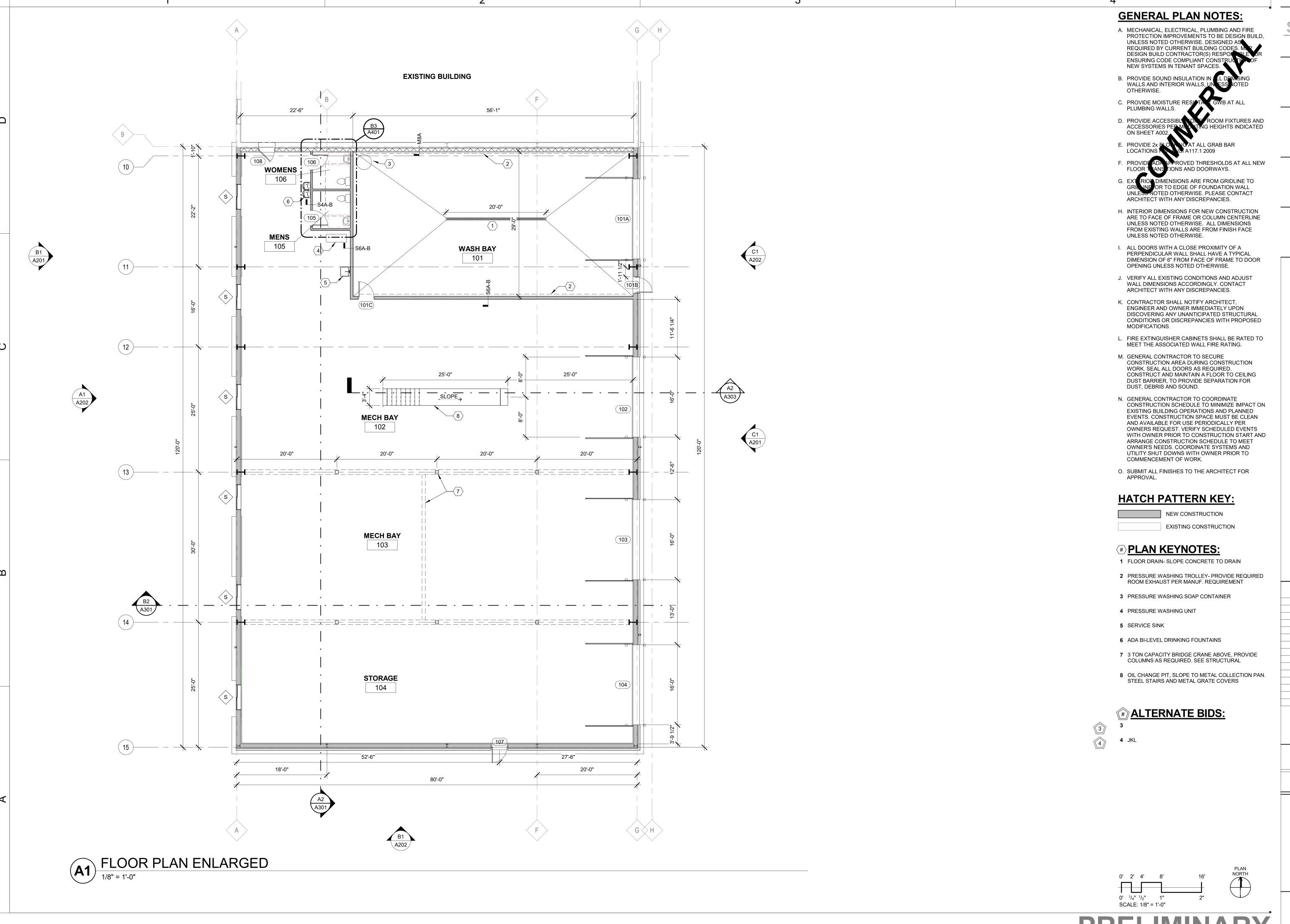
**Project Status** 

PROJ. #: 20001-01

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**OVERALL FLOOR PLAN** 

A101



Sketch works

architecture uc

81

LDING ADDITION
CITY OF EVANSVILLE
535 S MADISON ST
EVANSVILLE, WI

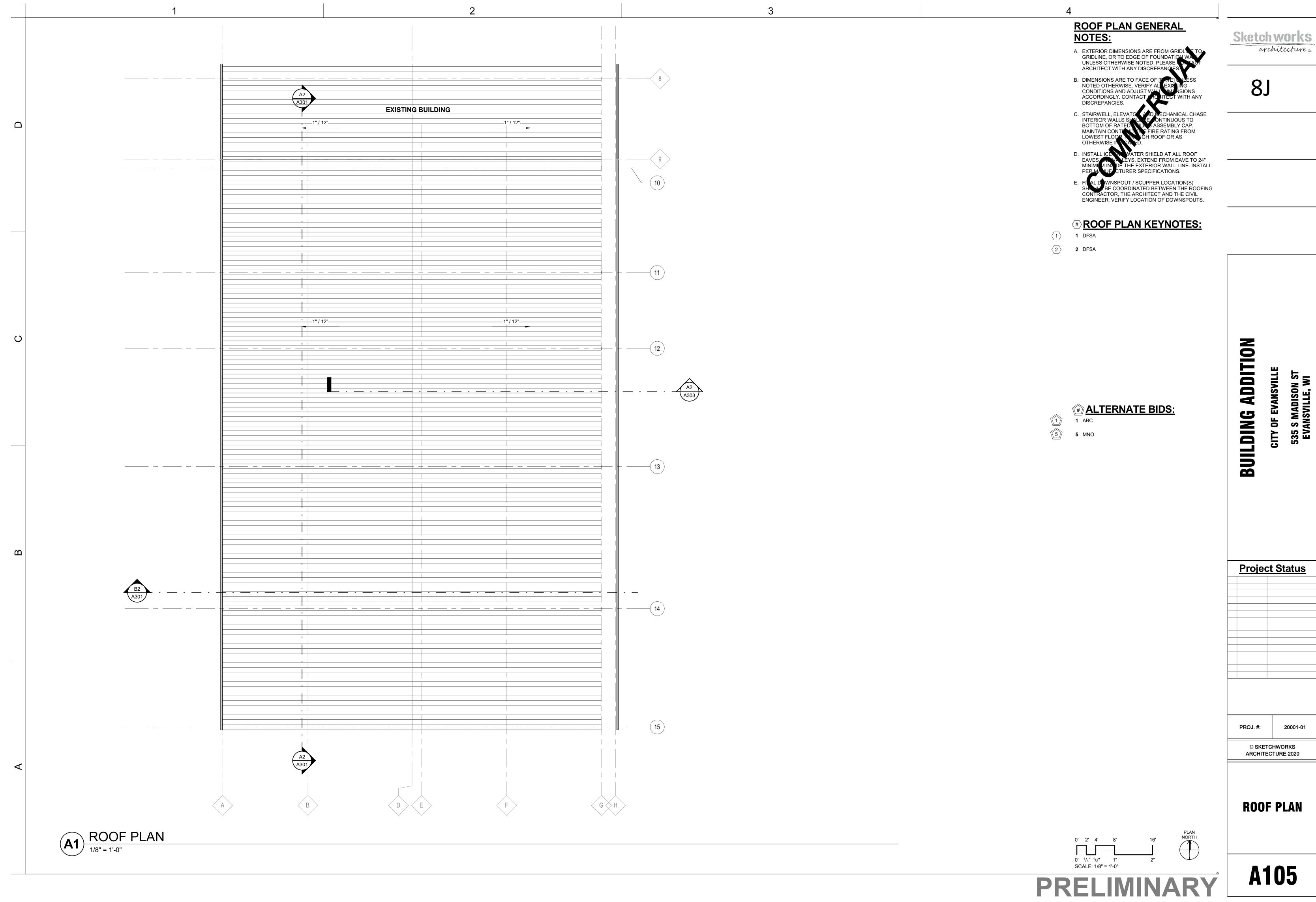
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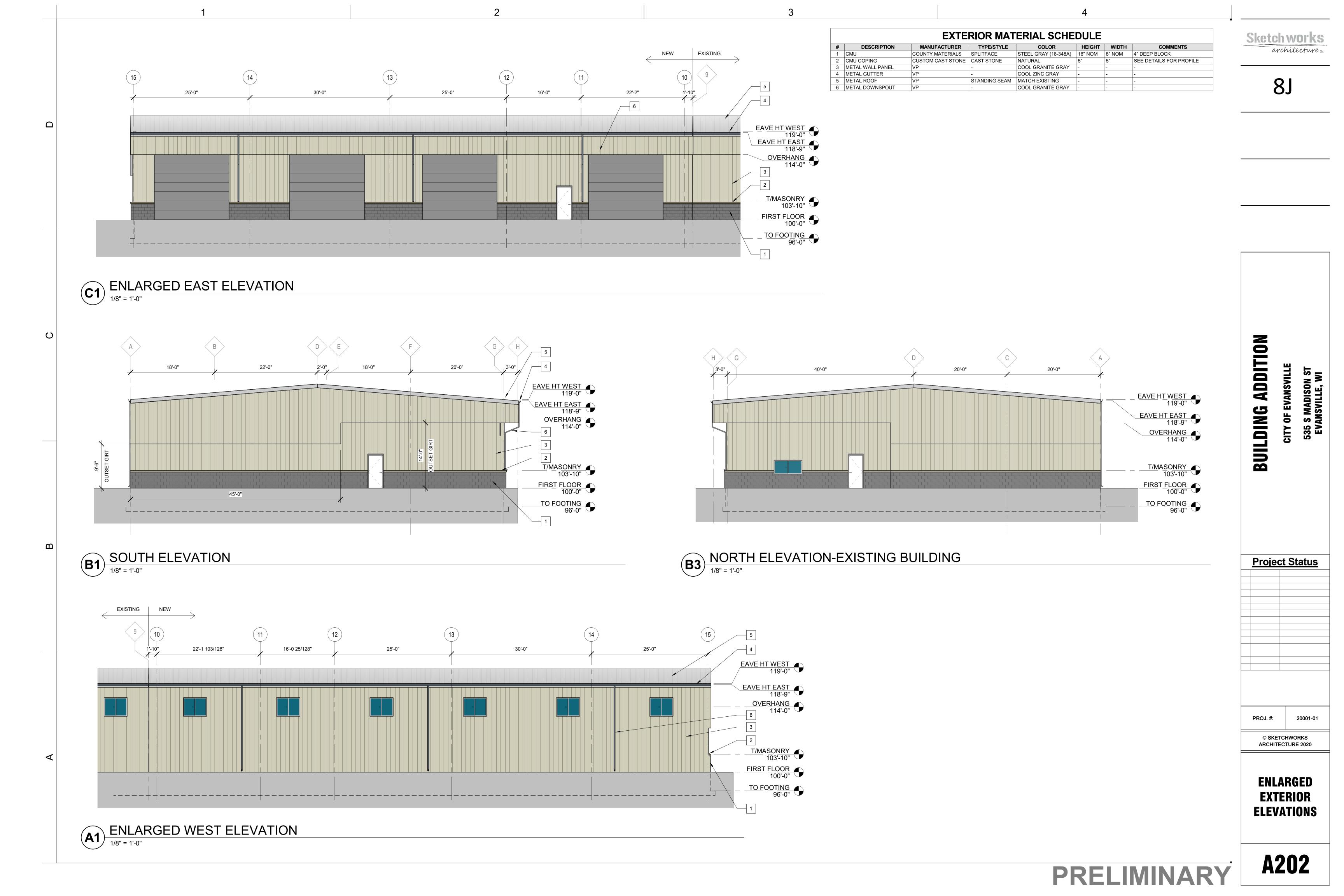
ENLARGED FLOOR PLAN

A102



Sketch works

architecture uc



# OUTSIDE PLANT CONSTRUCTION FIBER OPTIC CABLE ROUTE

UNITE PRIVATE NETWORKS SEGMENT: EVANSVILLE, WI. PERMIT: CITY-02

PROJECT STATUS: CITY OF EVANSVILLE UTILITY PERMIT AERIAL ONLY

DATE: 02/03/2021

# **LOCATION MAP**

(14)

(14)

Symdon Chevrolet Inc.

Casey's

E Main St

Franklin St.

BlueScope Buildings
 North America

Baker Manufacturing Co

NAPA Auto Parts -

Evansville Ford

Carfield Ave.

W.Liberty St.

Petes Inn W

Evansville

Water St

Auto Parts of Evansville

Lake Leota 21

Lake

Leota Park

[C]

Carfleld Ave.

Bounce Extreme

West Side Park

**END PERMIT** 

Evansville Standpipe

Evansville Manor

Skilled Nursing

P25 W House Q

P24 -

P26

P27 -

P28

P29 -

P30

Meadow Ln.

Ward Hurtley

Funeral Home

gadger Dr

Evansville High School

W Main St

St. John's Q

Evansville Community

School District Office

C

Stan Clothier

El Vallarta 🕡

-START PERMIT

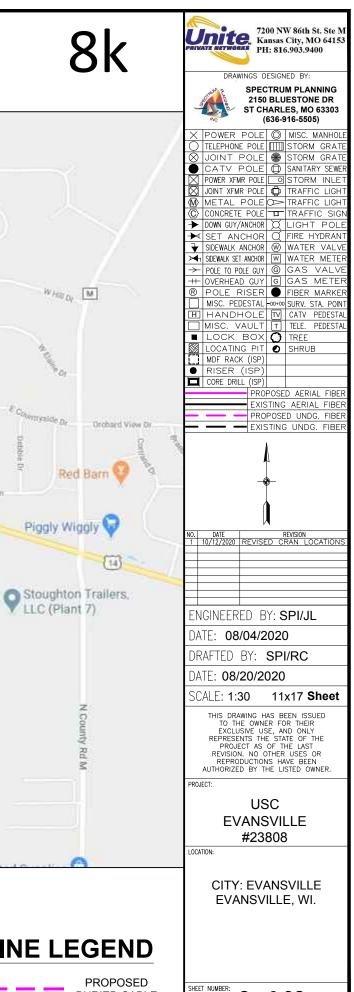
Maple Hill Cemetery

P11

P12

United States

Postal Service



# MAP LINE LEGEND

**BURIED CABLE** PROPOSED **AERIAL CABLE** 

2 **of** 32 MAP

FILE NAME: 23808\_USC\_EVANSVILLE.DWG

# **CONTACT SHEET**

8k

### UNITE PRIVATE NETWORK

MATTHEW HARDING CONSTRUCTION SUPERVISOR/FSE UNITE PRIVATE NETWORKS 816-400-8383 MATTHEW.HARDING@UPNFIBER.COM

### OUTSIDE PLANT CONSTRUCTION:

CONSTRUCTION CONTRACTOR:

DIRECT LINE JESSE FATHEREE 309-712-4876

### ENGINEERING CONTRACTOR

### **RAILROADS**

N

### **UTILITIES**

WISCONSIN ONE CALL SYSTEM (UTILITY LOCATES)

1-800-242-8511

### **CITY GOVERNMENT**

N/A

### **COUNTY GOVERNMENT**

N/A

### STATE GOVERNMENT

Ά

### FEDERAL GOVERNMENT

N/A

### OTHER

NI/A



DRAWINGS DESIGNED BY:

SPECTRUM PLANNING 2150 BLUESTONE DR ST CHARLES, MO 63303 (636-916-5505)

X	POWER POLE	0	MISC. MANHOLE
$\circ$	TELEPHONE POLE		STORM GRATE
$\otimes$	JOINT POLE	<b>(4)</b>	STORM GRATE
	CATV POLE		SANITARY SEWER
$\boxtimes$	POWER XFMR POLE		
$\boxtimes$	JOINT XFMR POLE	Ф	TRAFFIC LIGHT
⟨M⟩	METAL POLE	В	TRAFFIC LIGHT
©	CONCRETE POLE	╘	TRAFFIC SIGN
<b>→</b>	DOWN GUY/ANCHOR		LIGHT POLE
₩	SET ANCHOR	~	FIRE HYDRANT
₹	SIDEWALK ANCHOR	(§)	WATER VALVE
⋈	SIDEWALK SET ANCHOR	W	WATER METER
$\rightarrow$	POLE TO POLE GUY	(9)	GAS VALVE
	OVERHEAD GUY	G	GAS METER
®	POLE RISER	•	FIBER MARKER
	MISC. PEDESTAL		SURV. STA. POINT
Н	HANDHOLE	ΤV	CATV PEDESTAL
	MISC. VAULT		TELE. PEDESTAL
	LOCK BOX	O	TREE
	LOCATING PIT	0	SHRUB
	MDF RACK (ISP)		
•	RISER (ISP)		
	CORE DRILL (ISP)		
	PRO	POSE	D AERIAL FIBER
	EXIS	TING	AERIAL FIBER
	PRO	POSE	D UNDG. FIBER
_	— — EXIS	STING	UNDG. FIBER

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PROJECT:

USC EVANSVILLE #23808

LOCATION:

CITY: EVANSVILLE EVANSVILLE, WI.

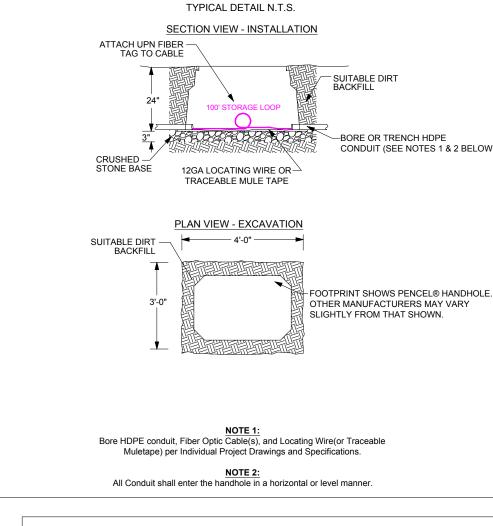
SHEET NUMBER

3 of 32 CONTACTS

FILE NAME: 23808\_USC\_EVANSVILLE.DWG

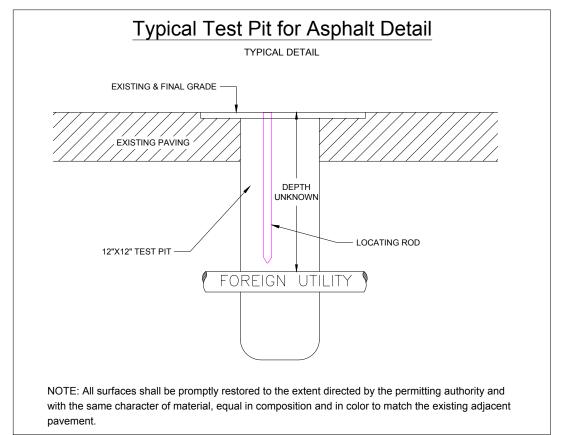
### TYPICAL UNDERGROUND DETAILS

# **Directional Bore - Cross Section HDPE Conduit - Various Sizes** TYPICAL DETAIL N.T.S. - EXISTING GRADE . HDPE conduit size as specified 2. Number and type of innerducts as specified 3. Cu Ground Wire (THHN 12) or Traceable Muletape per Project Specifications 4. Fiber Optic Cable(s) as project specified. This detail shows cross section of a typical conduit having been installed using directional boring methods. For bore pit and pothole details and specifications as well as restoration



Typical 2'x3' Handhole Installation

# Typical Test Pit Detail TYPICAL DETAIL EXISTING & FINAL GRADE DEPTH UNKNOWN LOCATING ROD 12"X12" TEST PIT FOREIGN UTILITY NOTE: All surfaces shall be promptly restored to the extent directed by the permitting authority and with the same character of material, and equal in composition.





7200 NW 86th St. Ste M Kansas City, MO 64153 PH: 816.903.9400

SPECTRUM PLANNING 2150 BLUESTONE DR ST CHARLES, MO 63303 (636-916-5505)

X POWER POLE O MISC. MANHOL TELEPHONE POLE STORM GRAT

CATV POLE D SANITARY SEWER POWER XFMR POLE STORM INLE

	JOINT XFMR POLE		
M	METAL POLE	8	TRAFFIC LIGHT
0	CONCRETE POLE	ш	TRAFFIC SIGN
<b>→</b>	DOWN GUY/ANCHOR	Ø	LIGHT POLE
₩	SET ANCHOR	d	FIRE HYDRANT
₹	SIDEWALK ANCHOR	(W)	WATER VALVE
	SIDEWALK SET ANCHOR		WATER METER
$\rightarrow$	POLE TO POLE GUY	G	GAS VALVE
+	OVERHEAD GUY	G	GAS METER
®	POLE RISER	•	FIBER MARKER
	MISC. PEDESTAL	-00+00	SURV. STA. POINT
Н	HANDHOLE	TV	CATV PEDESTAL
	MISC. VAULT		TELE. PEDESTAL
	LOCK BOX	0	TREE
	LOCATING PIT	0	SHRUB
	MDF RACK (ISP)		
•	RISER (ISP)		
	CORE DRILL (ISP)		
	PRO	POSE	D AERIAL FIBER
	EXIS	TING	AERIAL FIBER
		POSE	D UNDG. FIBER
	— EXIS	STING	UNDG. FIBER
		1	

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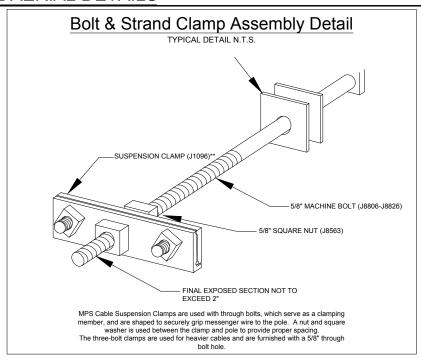
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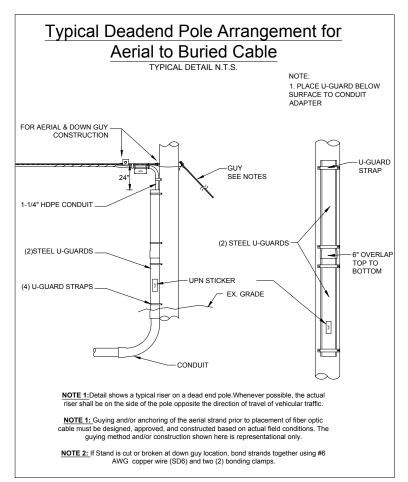
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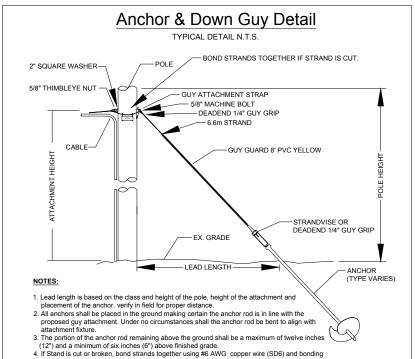
CITY: EVANSVILLE EVANSVILLE, WI.

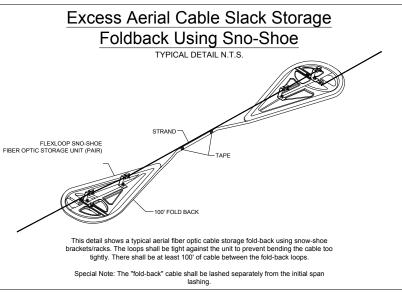
5 **of** 32 DETAILS

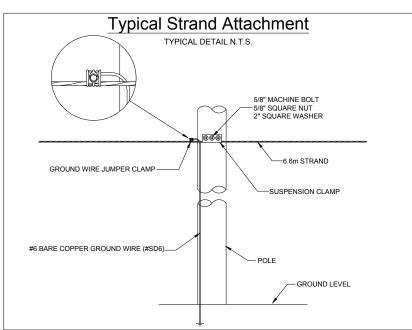
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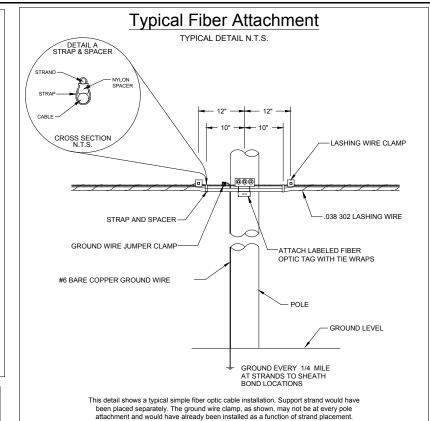


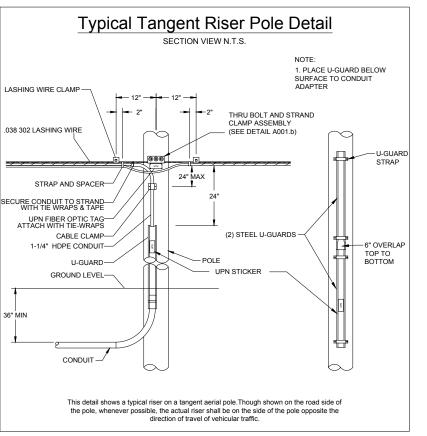














Vnite. 7200 NW 86th St. Ste M Kansas City, MO 64153

DRAWINGS DESIGNED BY

SPECTRUM PLANNING 2150 BLUESTONE DR ST CHARLES, MO 63303 (636-916-5505) POWER POLE O MISC. MANHO

TFLEPHONE POLE [ STORM GRA JOINT POLE 🛞 STORM GRA CATV POLE SANITARY SEWE POWER XFMR POLE JOINT XFMR POLE 🖒 TRAFFIC LIGH M METAL POLE ON TRAFFIC LIG CONCRETE POLE TRAFFIC SIC DOWN GUY/ANCHOR ► SET ANCHOR ▼ SIDEWALK ANCHOR WATER VALV ▶ SIDEWALK SET ANCHOR WATER ME → POLE TO POLE GUY @ GAS VAL GAS METE B POLE RISER | FIBER MARKE MISC. PEDESTAL -00+00 SURV. STA. POIL
H HANDHOLE TV CATV PEDEST ]|MISC. VAULT| T TELE. PEDEST ■ LOCK BOX () TREE LOCATING PIT SHRUB
MDF RACK (ISP) RISER (ISP CORE DRILL (ISP) PROPOSED AERIAL FIBE EXISTING AERIAL FIBER PROPOSED UNDG. FIBE

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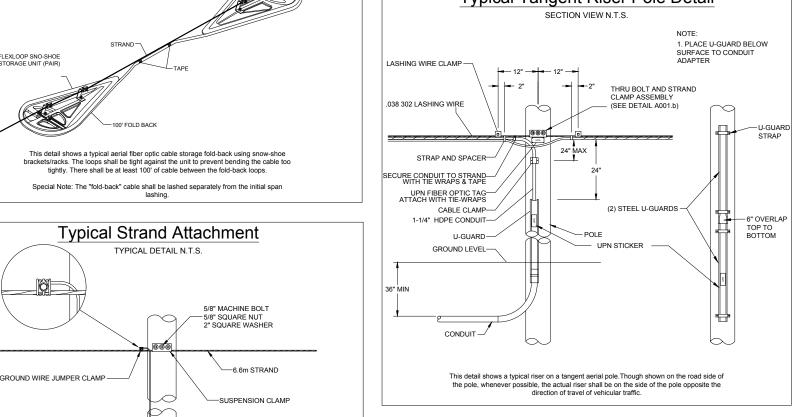
LOCATION:

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SHEET NUMBER:

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23808 USC EVANSVILLE.DWG



# **TUBULAR MARKER DETAILS**





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2150 BLUESTONE DR
ST CHARLES, MO 63303
(636-916-5505)

POWER POLE | STORM GRATE | STORM INLET | STORM GUY/ANCHOR | TRAFFIC LIGHT | STORM GUY/ANCHOR | TRAFFIC LIGHT | STORM GUY/ANCHOR | TRAFFIC LIGHT | TRAFFIC LIGHT | TRAFFIC LIGHT | STORM GUY/ANCHOR | TRAFFIC LIGHT | TR

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1 10/12/2020 REVISED CRAN LOCATION

EXISTING UNDG. FIBER

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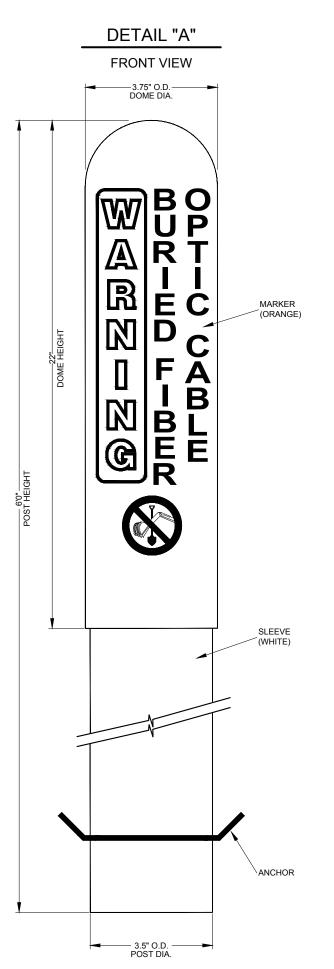
LOCATION:

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SHEET NUMBER:

7 of 32

FILE NAME: 23808 USC EVANSVILLE.DWG

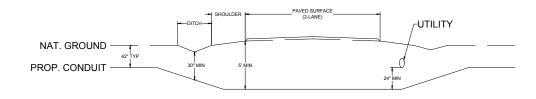


# TYPICAL ROAD CROSSING DETAILS



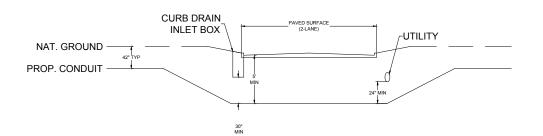


TWO LANE - ASPHALT ROAD - NO CURB



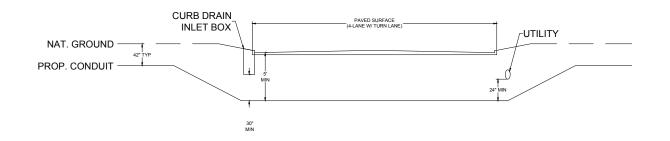
### TYPICAL DETAIL "B"

TWO LANE - CURBED ROAD



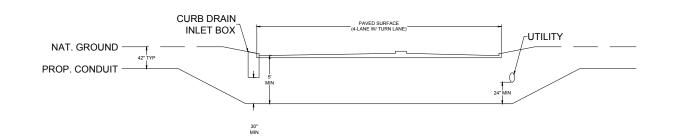
### TYPICAL DETAIL "C"

FOUR LANE (W/ TURN LANE) - CURBED ROAD - NO MEDIAN



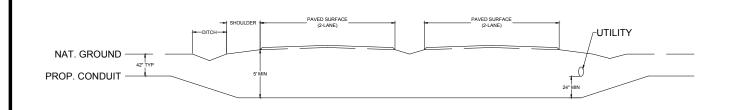
### TYPICAL DETAIL "D

FOUR LANE (W/ TURN LANE) - CURBED ROAD - WITH MEDIAN



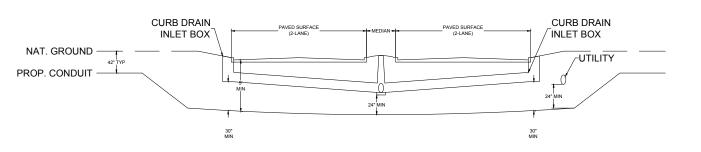
### TYPICAL DETAIL "E"

4 LANE - SPLIT ASPHALT ROAD - NO CURB



# TYPICAL DETAIL "F"

4 LANE - SPLIT CURBED ROAD





SPECTRUM PLANNING 2150 BLUESTONE DR ST CHARLES, MO 63303 (636-916-5505)

STORM GRA TELEPHONE POLE CATV POLE ( SANITARY SEWE POWER XFMR POLE METAL POLE TRAFFIC LIGH CONCRETE POLE TRAFFIC SI DOWN GUY/ANCHOR ► SET ANCHOR ► SIDEWALK SET ANCHOR → POLE TO POLE GUY ++|OVERHEAD GUN GAS METE POLE RISER | FIBER MARKI MISC. PEDESTAL HANDHOLE LOCK BOX () TREE LOCATING PIT **⊘** SHRUB MDF RACK (ISP RISER (ISF PROPOSED AERIAL FIBE EXISTING AERIAL FIBE PROPOSED UNDG. FIB EXISTING UNDG. FIBITION

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LOCATION:

CITY: EVANSVILLE EVANSVILLE, WI.

ET NUMBER:

8 of 32 DETAILS

FILE NAME: 23808\_USC\_EVANSVILLE.DWG

## TYPICAL TRAFFIC CONTROL

### SPACING FOR CHANNELIZING DEVICES

- A PLASTIC DRUMS ON MERGING TAPER AT 30' C-C WITH CHEVRON SIGNS AT 60' C-C AND TYPE "C" WARNING LIGHT (FOR OVERNIGHT CLOSURE).
- B PLASTIC DRUMS ON DOWN STREAM TAPER AT 35' C-C.
- C PLASTIC DRUMS ON RADII AT 5' C-C.
- D PLASTIC DRUMS ON TANGENT @ 35' C-C WITH VERTICAL PANEL AT 70' C-C AND TYPE "C" WARNING LIGHT (FOR OVERNIGHT
- E PLASTIC DRUMS IN FRONTOF CONSTRUCTION ZONE AT 20' C-C WITH VERTICAL PANEL AT 40' C-C AND TYPE "A" WARNING LIGHT (FOR OVERNIGHT CLOSURE).
- F CONCRETE TRAFFIC BARRIER (C.T.B.) OR LOW PROFILE CONCRETE TRAFFIC BARRIER (L.P.C.T.B.) WITH REFLECTORS AT 10' C-C IF PAVEMENT DROP IS MORÉ THAN TWELVE INCHES (12") OR MORE.
- G PLASTIC DRUM WITH GUARD RAIL MOUNTED.
- H 28" TUBLAR MARKERS:
  - 4-LANE TO 2-LANE UNDIVIDED ROADWAY SECTIONS AT 20' C-C.
  - 4-LANE DIVIDED ROADWAY TO ONE SIDE TWO-WAY ROAD AT 20' C-C.

TABLE B

LEFT LANE, RIGHT LANE STORAGE BAYS AT 15' C-C.

### TABLE A

		MINIMUM DESIRABLE TAPER LENGTHS # #				
POSTED SPEED #	FORMULA	10' OFFSET	11' OFFSET	12' OFFSET		
30	$L = -\frac{WS}{60} - \frac{1}{12}$	150'	175'	180'		
35		205'	225'	245'		
40		265'	295'	320'		
45	L= WS	450'	495'	540'		
50		517'	550'	617'		
55		550'	605'	660'		
60	617'	660'	720'			
65		650'	715'	780'		

### POSTED **SPEED** SPACINGS (FEET) 30 or LESS 35 170 40 240 45 320 50 417 55 517 60 617 65 717 817

FLASHING ARROW SIGN

RIGHT LANE CLOSED AHEAD

RIGHT LAN

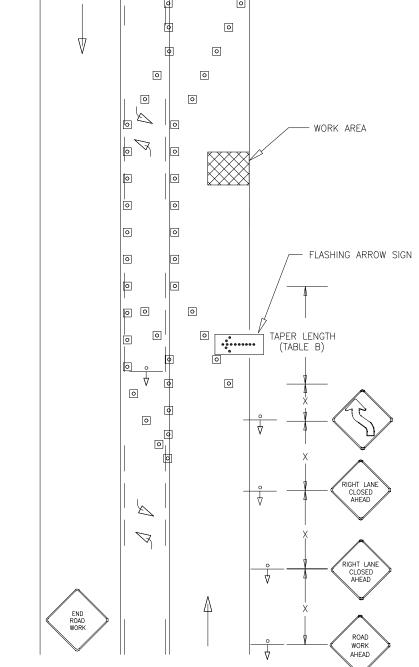
ROAD

WORK AHEAD

# 85TH. PERCENTILE SPEED MAY BE USE ON ROADS WHERE TRAFFIC SPEED NORMALLY EXCEED THE POSTED SPEED LIMITS.
## TAPER LENGTHS HAVE BEEN ROUNDED OFF.
L = LENGTH OF TAPER (FT.) W = WIDTH OF OFFSET (FT.) S = POSTED SPEED (MPH)

### TRAFFIC NOTES

- 1 CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TEXAS M.U.T.C.D., MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION
- 2 CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOUR AND OPEN LANES FOR NORMAL TRAFFIC FLOW.
- 3 ALL TRAFFIC CONTROL DEVICES USED AT NIGHT SHALL BE REFLEC-TORIZED OR ILLUMINATED.
- 4 CONTRACTOR SHALL MAINTAIN LOCAL DRIVEWAY ACCESS TO RESIDENTAL AND COMMERICAL PROPERTIES ADJACENT TO WORK AREA AT ALL TIMES. IF PAVEMENT DROP IS MORE THAN TWELVE INCHES (12") OR MORE.



AHEAD

TRAFFIC CONTROL PLAN

Vinite Kansas City, MO 64153
PH: 816.903.9400

DRAWINGS DESIGNED BY SPECTRUM PLANNING

2150 BLUESTONE DR ST CHARLES, MO 63303 (636-916-5505)

X	POWER POLE	0	MISC. MANHOLI
0	TELEPHONE POLE	Ш	STORM GRATE
$\otimes$	JOINT POLE	<b>®</b>	STORM GRATE
•	CATV POLE	0	SANITARY SEWEI
X	POWER XFMR POLE		STORM INLE
$\boxtimes$	JOINT XFMR POLE	Ф	TRAFFIC LIGHT
(M)	METAL POLE	<u>~</u>	TRAFFIC LIGHT
©	CONCRETE POLE	ш	TRAFFIC SIGN
<b>→</b>	DOWN GUY/ANCHOR	Ø	LIGHT POLE
$\rightarrow$	SET ANCHOR	Q	FIRE HYDRAN
₹	SIDEWALK ANCHOR	(S)	WATER VALVE
>◀	SIDEWALK SET ANCHOR	W	WATER METER
$\rightarrow$	POLE TO POLE GUY	G	GAS VALVE
+	OVERHEAD GUY	G	GAS METER
®	POLE RISER		FIBER MARKE
	MISC. PEDESTAL	-00+00	SURV. STA. POIN
Н	HANDHOLE	TV	CATV PEDESTA
	MISC. VAULT	Η	TELE. PEDESTA
	LOCK BOX	0	TREE
	LOCATING PIT	0	SHRUB
	MDF RACK (ISP)		
•	RISER (ISP)		
	CORE DRILL (ISP)		
	PRO	POSE	D AERIAL FIBER
	EXIS	STING	AERIAL FIBER
_	— — PRC	POSE	D UNDG. FIBER
1	— — EXIS	STINC	UNDG. FIBER
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LOCATION:

CITY: EVANSVILLE EVANSVILLE, WI.

9 **of** 32 **DETAILS** 

23808 USC\_EVANSVILLE.DWG

TRAFFIC CONTROL PLAN

0

WORK

TAPER LENGTH

(TABLE B)

0

0

0

0

0

0

0

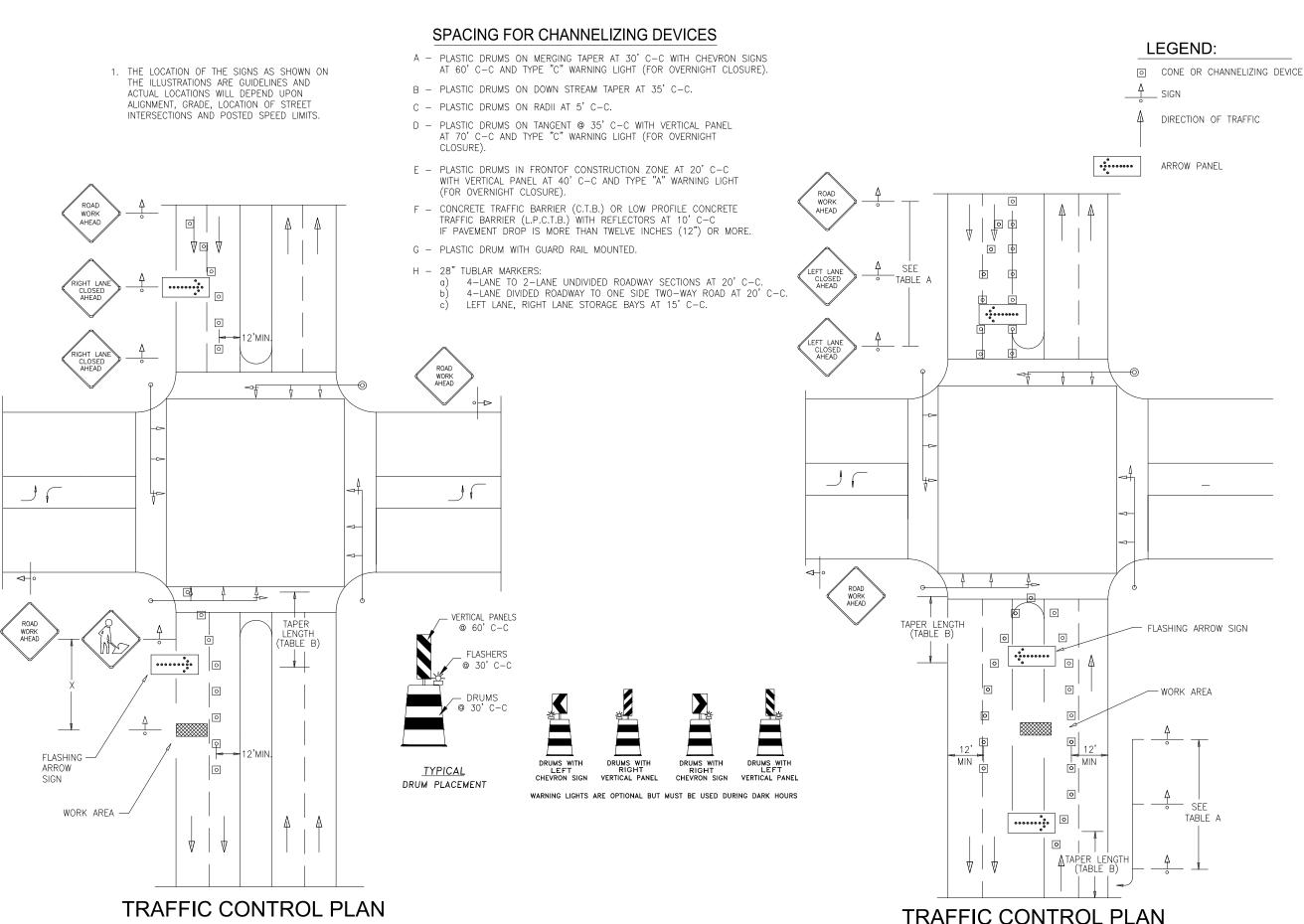
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MIN

ROAD WORK AHEAD

# TYPICAL TRAFFIC CONTROL (CONT.)







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	INC	(	636-9	16-5505)		
X	POWER F	POLE	0	MISC. MA	ANHOLE	
$\circ$	TELEPHONE	POLE	Ш	STORM	GRATE	
$\otimes$	JOINT F	OLE	-	STORM	GRATE	
•	CATV F	OLE		SANITARY	SEWER	
$\boxtimes$	POWER XFMF	POLE	0	STORM	INLET	
$\boxtimes$	JOINT XFMR	POLE	0	TRAFFIC	LIGHT	
(M)	METAL F	POLE	8	TRAFFIC	LIGHT	
©	CONCRETE	POLE	ㅁ	TRAFFIC	SIGN	
<b>→</b>	DOWN GUY/A	NCHOR	Ø	LIGHT	POLE	
$\rightarrow$	SET AND	HOR	α	FIRE HY	DRANT	
₹	SIDEWALK A	NCHOR	(§)	WATER	VALVE	
⋗	SIDEWALK SET	ANCHOR	W	WATER	METER	
$\rightarrow$	POLE TO PO	E GUY	G	GAS V	ALVE	
++-	OVERHEAD	GUY	G	GAS M	ETER	
®	POLE R	ISER	•	FIBER M	ARKER	
	MISC. PED	ESTAL	-00+00	SURV. STA		
Н	HANDH	OLE	TV	CATV PE	DESTAL	
	MISC. VA	AULT	Т	TELE. PE	DESTAL	
	LOCK	30X	О	TREE		
SS	LOCATING	PIT	0	SHRUB		
	MDF RACK	(ISP)				
•	RISER (	ISP)				
П	CORE DRILL	. (ISP)				
		PRO	POSE	D AERIAL	FIBER	
		<b>EXIS</b>	TING	AERIAL	FIBER	
_		PRO	POSE	D UNDG.	FIBER	
_	— –	<b>EXIS</b>	STING	UNDG.	FIBER	
NO.	DATE 10/12/2020	REVISE	D CI	REVISION RAN LOCA	ATIONS	
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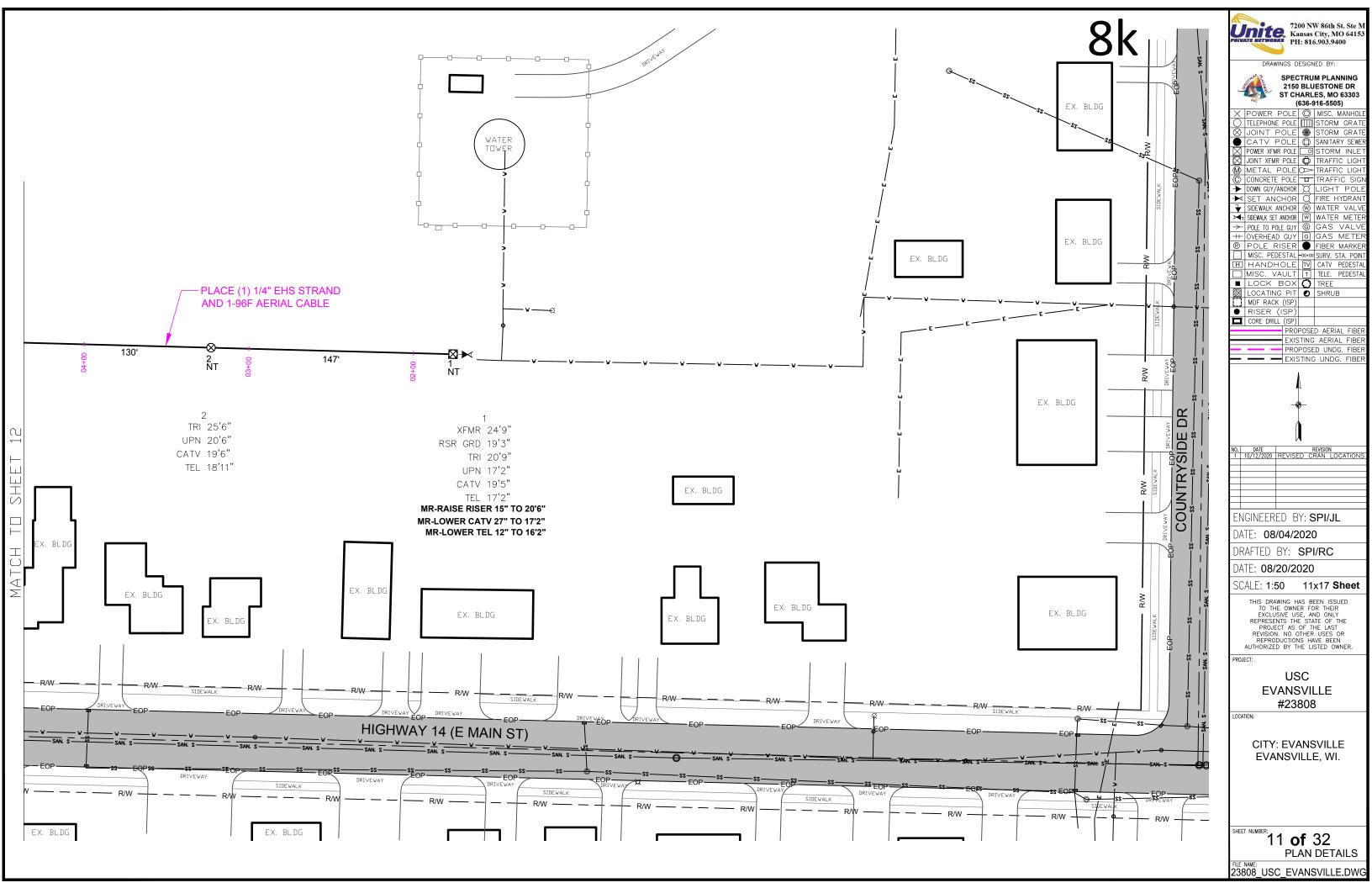
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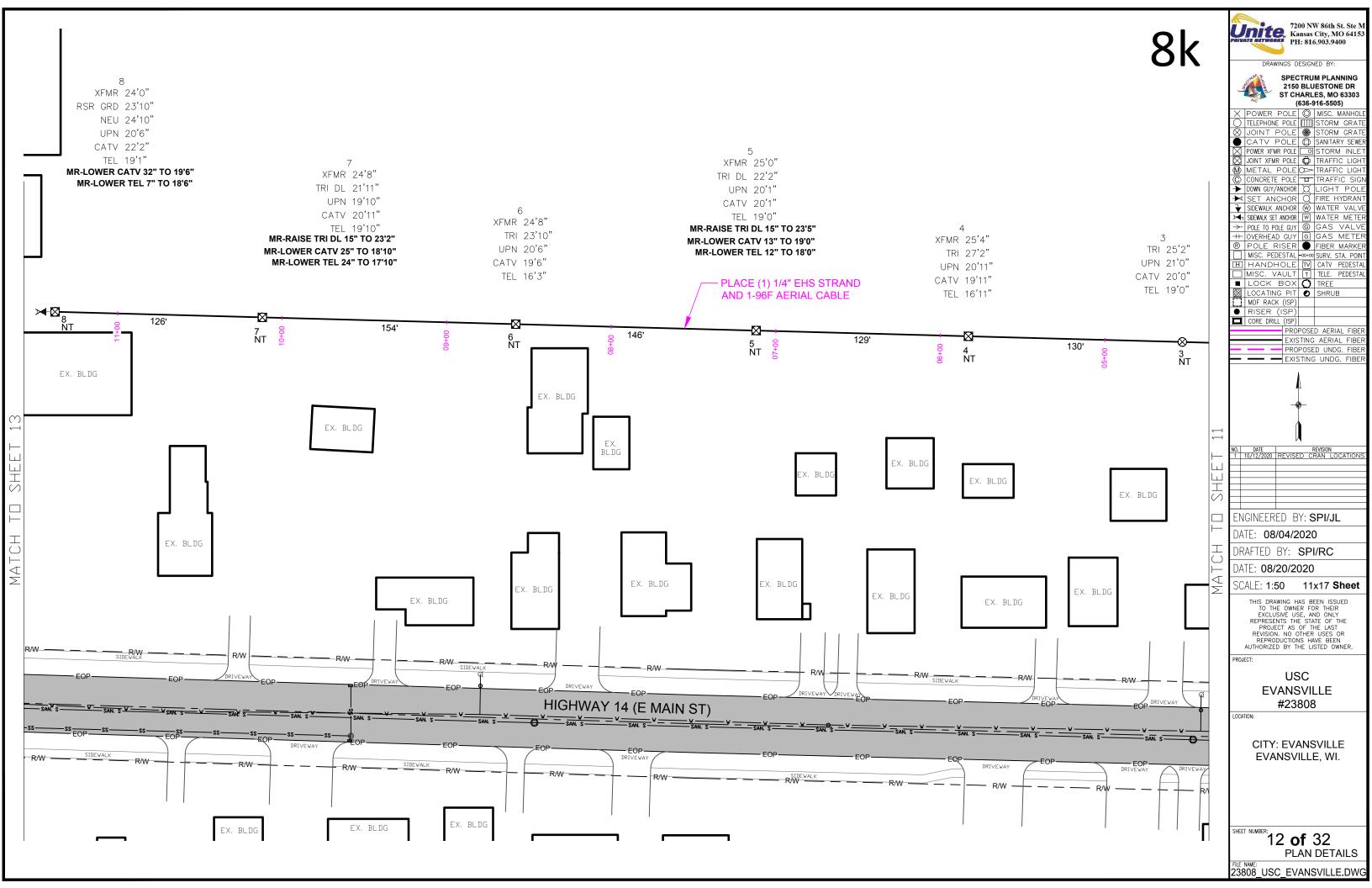
LOCATION:

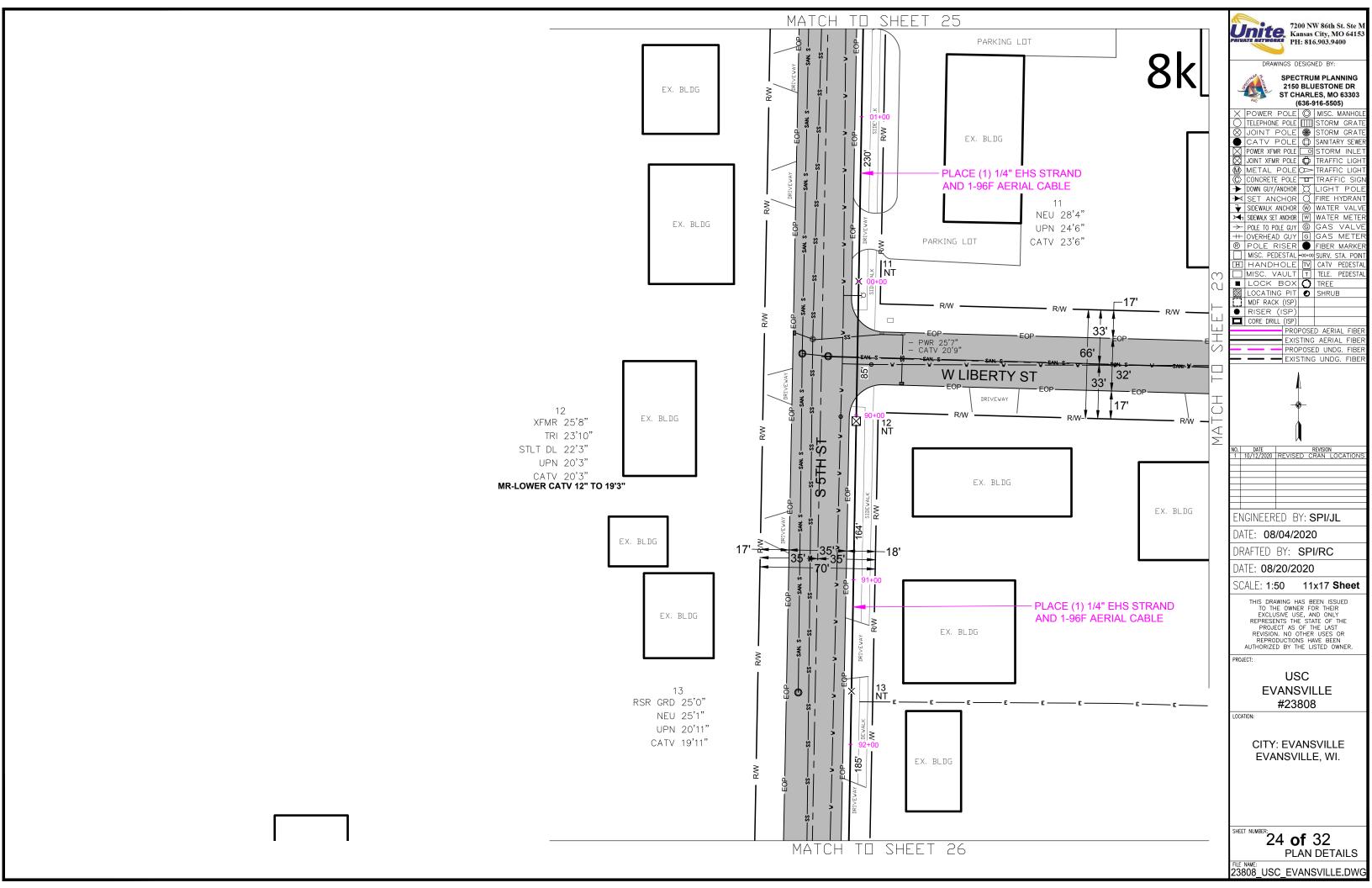
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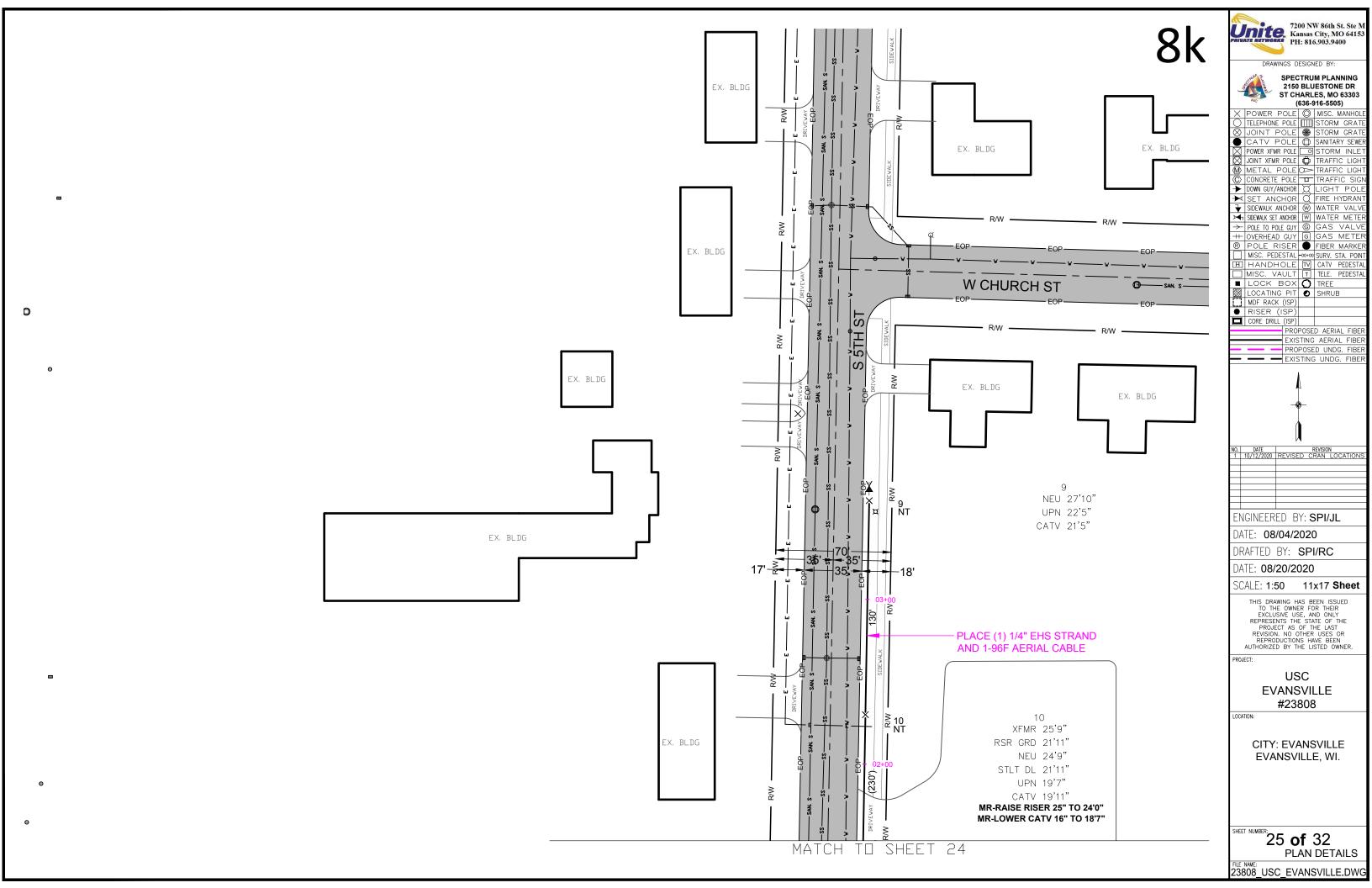
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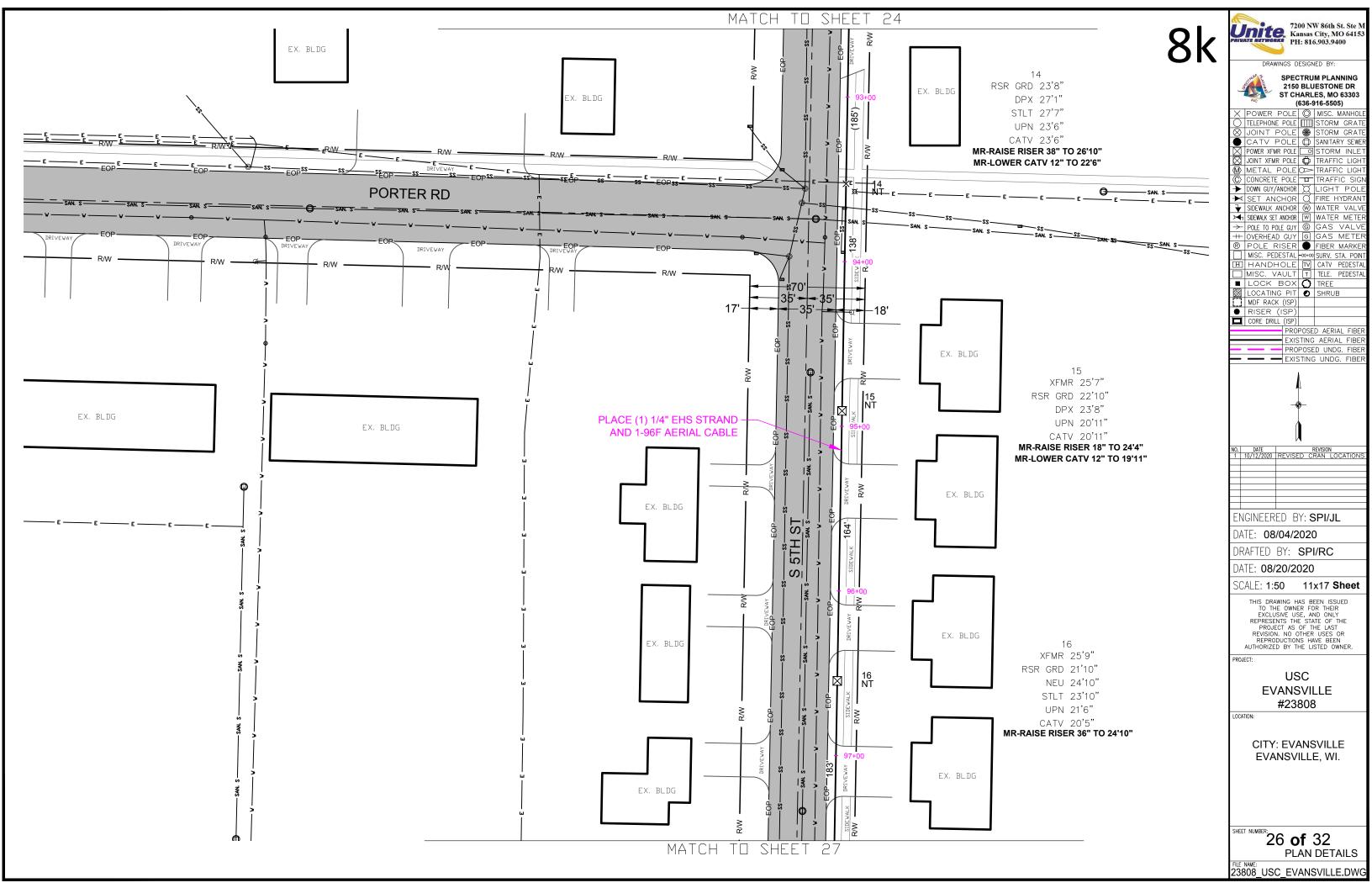
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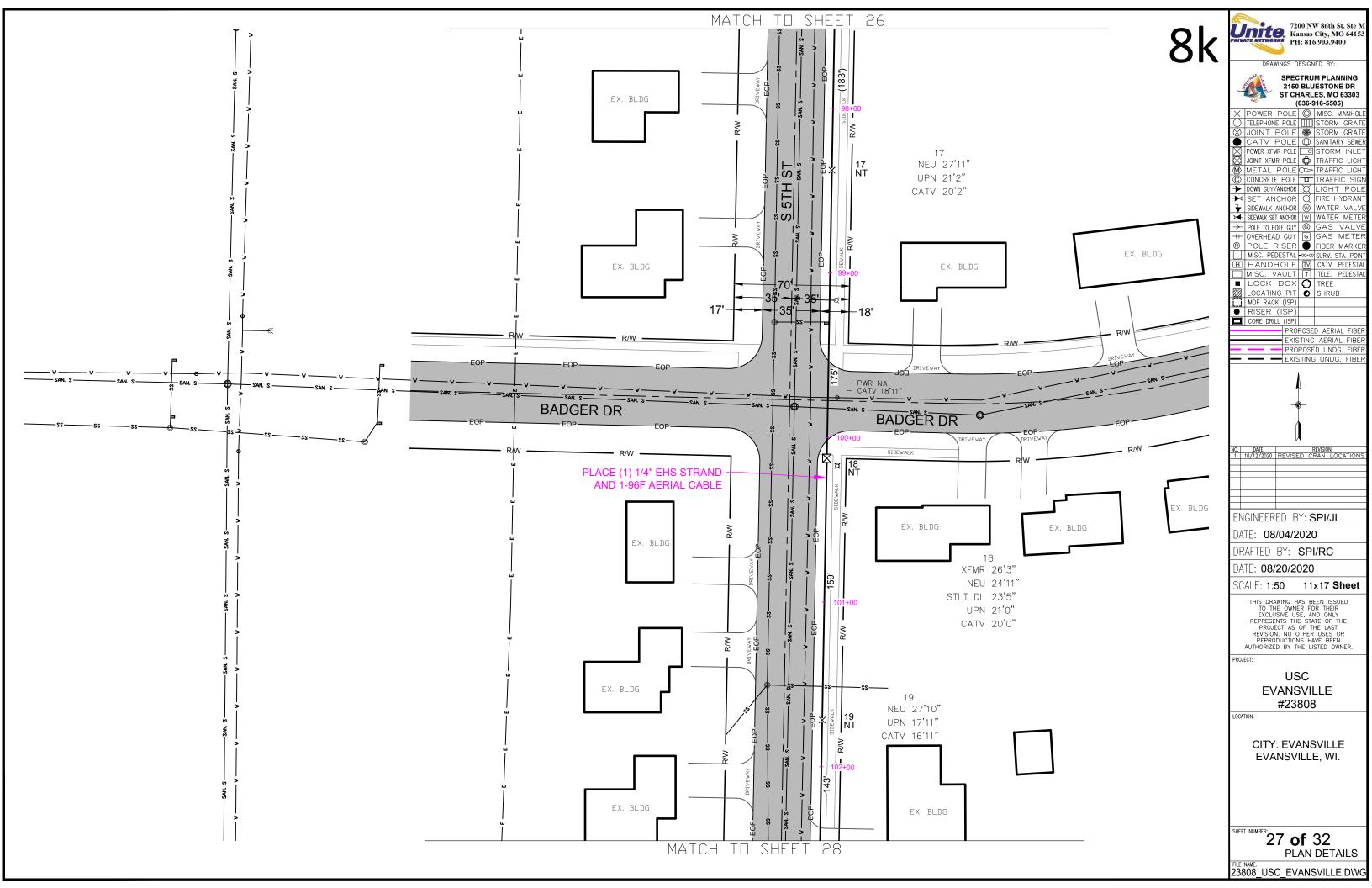


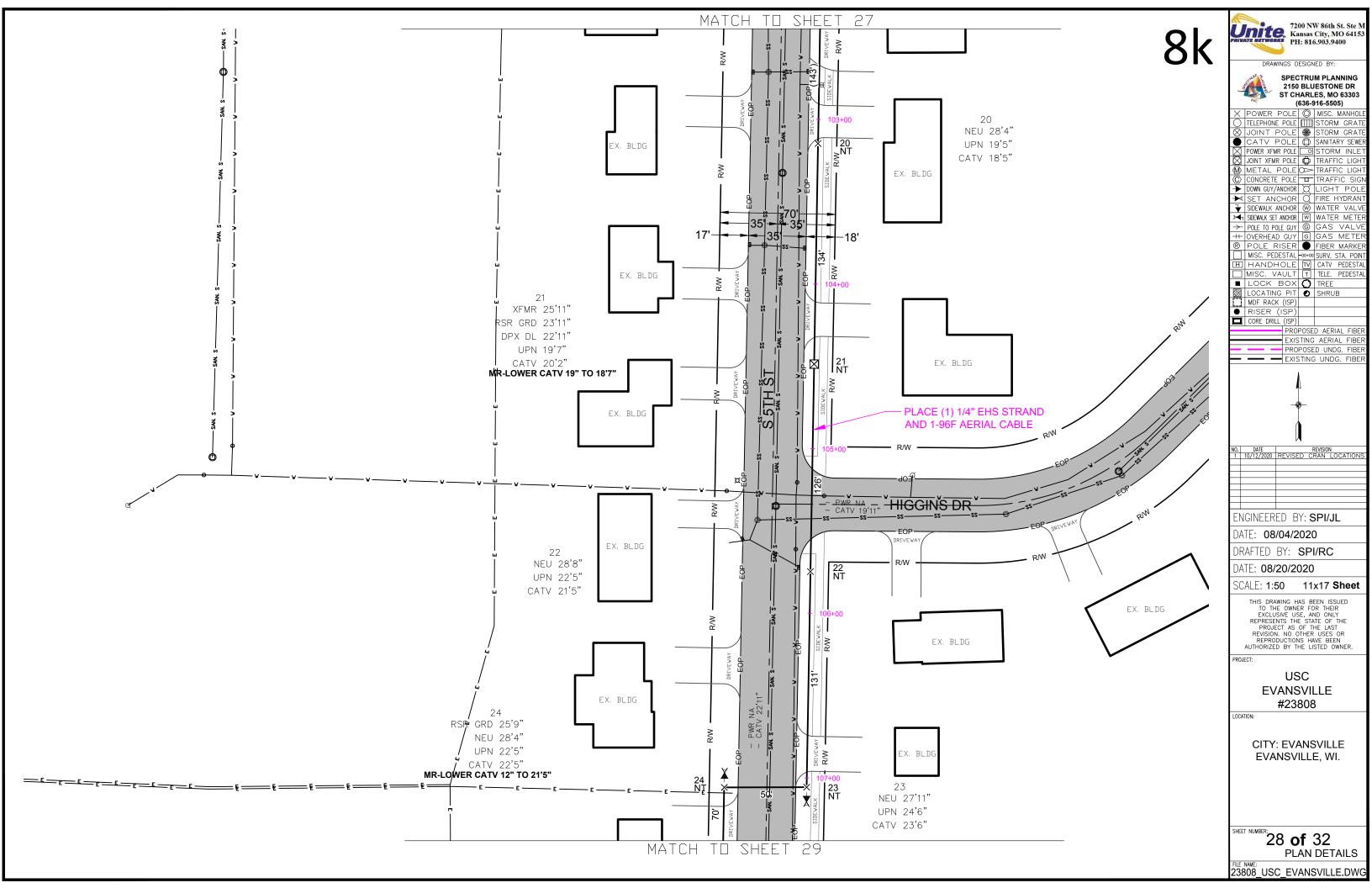


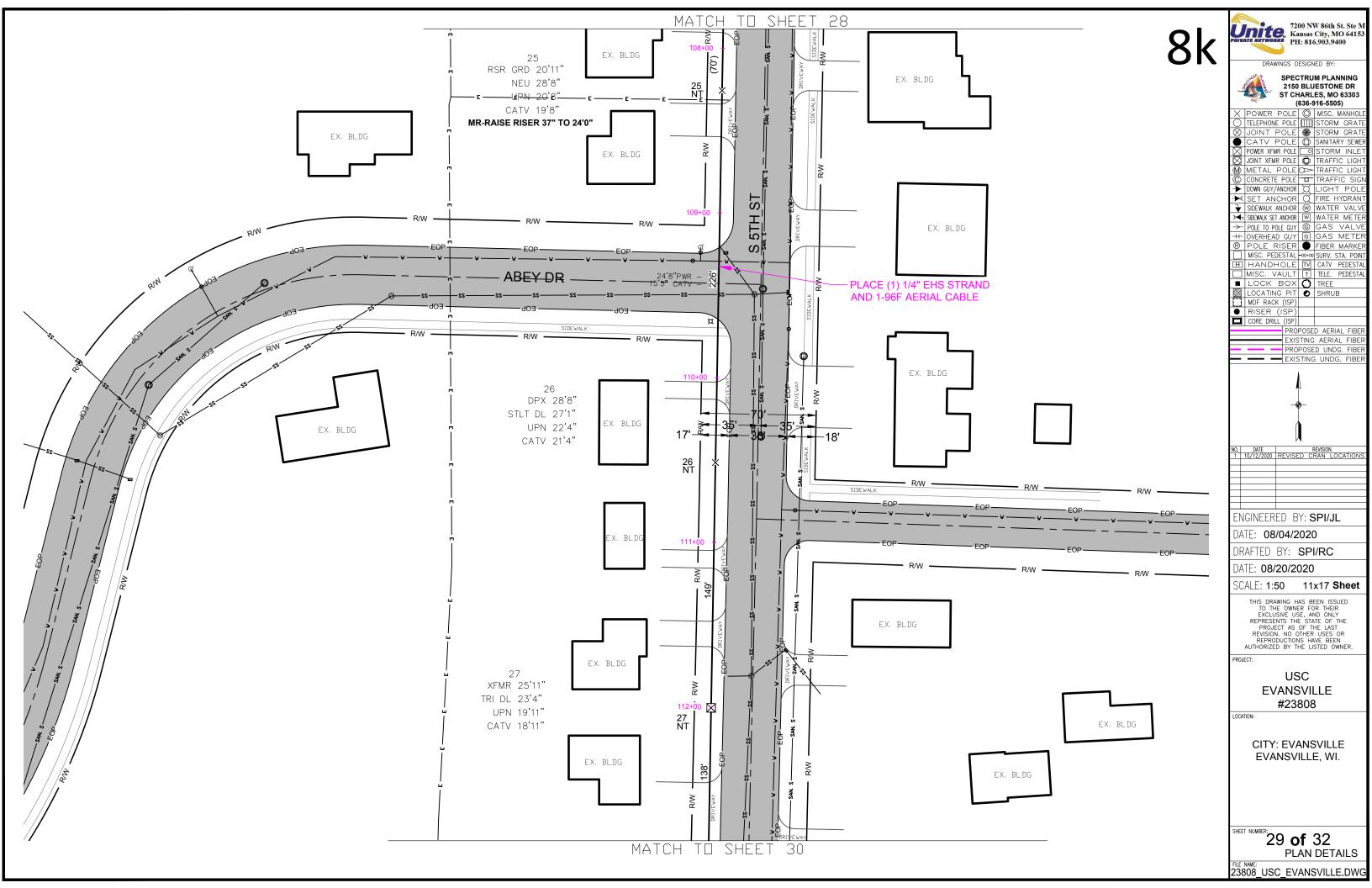


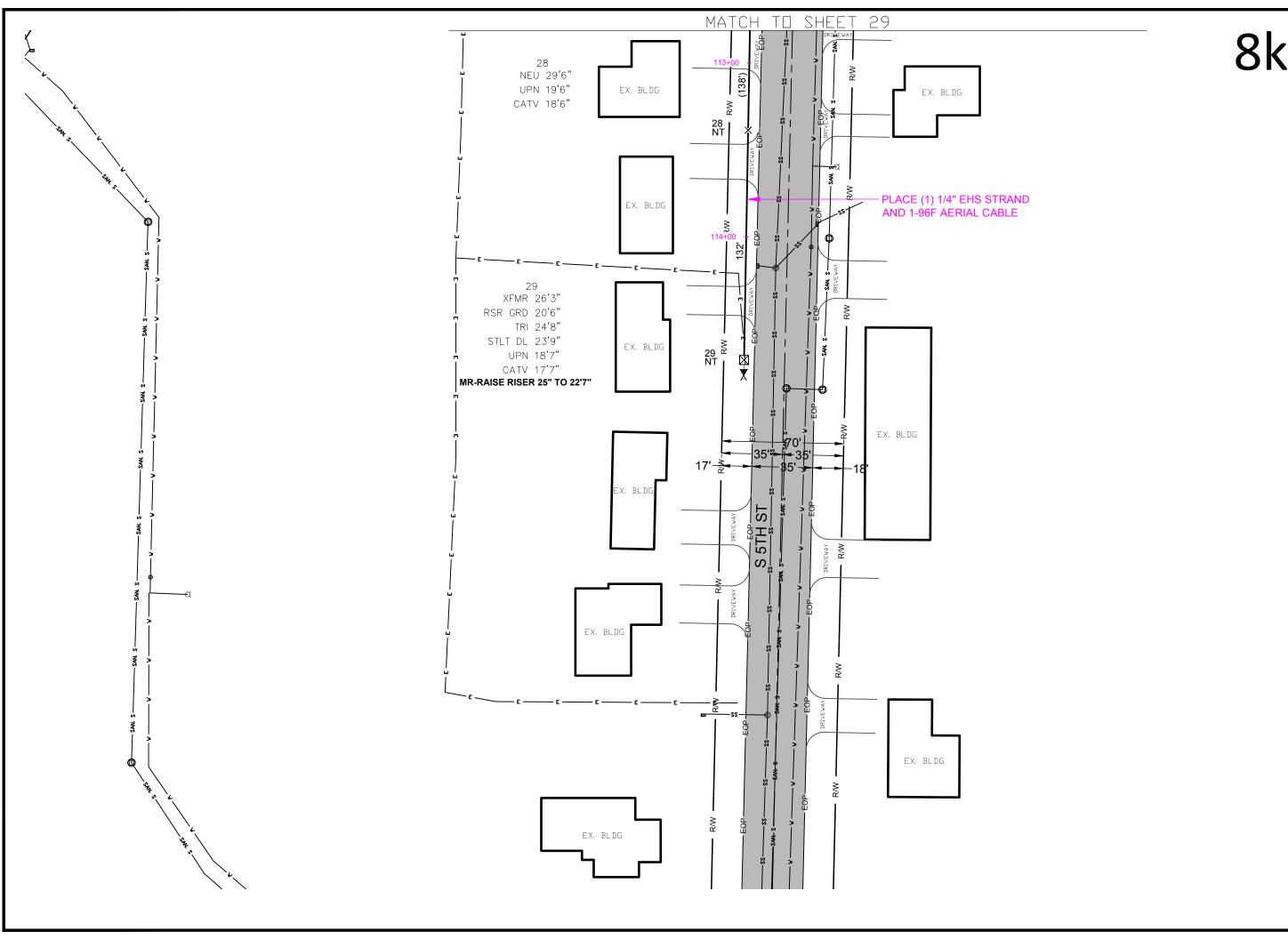














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X	POWER POLE	0	MISC. MANHOLE			
$\circ$	TELEPHONE POLE	Ш	STORM GRATE			
$\otimes$	JOINT POLE	<b>(</b>	STORM GRATE			
	CATV POLE	0	SANITARY SEWER			
$\boxtimes$	POWER XFMR POLE	0	STORM INLET			
$\boxtimes$	JOINT XFMR POLE	0	TRAFFIC LIGHT			
⟨M⟩	METAL POLE	$\otimes$	TRAFFIC LIGHT			
©	CONCRETE POLE	ш	TRAFFIC SIGN			
<b>→</b>	DOWN GUY/ANCHOR	Ø	LIGHT POLE			
₩	SET ANCHOR		FIRE HYDRANT			
₹	SIDEWALK ANCHOR	w	WATER VALVE			
⋈	SIDEWALK SET ANCHOR	W	WATER METER			
$\rightarrow$	POLE TO POLE GUY	G	GAS VALVE			
++-	OVERHEAD GUY	G	GAS METER			
®	POLE RISER		FIBER MARKER			
	MISC. PEDESTAL	-00+00	SURV. STA. POINT			
H	HANDHOLE	ΤV	CATV PEDESTAL			
	MISC. VAULT	T	TELE. PEDESTAL			
	LOCK BOX	0	TREE			
	LOCATING PIT	0	SHRUB			
	MDF RACK (ISP)					
•	RISER (ISP)					
	CORE DRILL (ISP)					
	PROPOSED AERIAL FIBER					
	EXIS	TING	AERIAL FIBER			
		POSE	D UNDG. FIBER			
	— — EXIS	STING	UNDG. FIBER			

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NO. DATE REVISION
1 10/12/2020 REVISED CRAN LOCATION

DATE: **08/04/2020** 

DRAFTED BY: SPI/RC

DATE: **08/20/2020** 

SCALE: 1:50 11x17 **Sheet** 

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USC **EVANSVILLE** #23808

LOCATION:

CITY: EVANSVILLE EVANSVILLE, WI.

SHEET NUMBER: 30 of 32 PLAN DETAILS

FILE NAME: 23808\_USC\_EVANSVILLE.DWG

WRITE OFFS		
10-1110-28	\$ 9.24	
12-2575-05	\$ 5.12	
13-1880-07	\$ 3.27	
16-1220-13	\$ 1.97	
20-1590-17	\$ 1.68	
21-2605-20	\$ 5.79	
25-4580-02	\$ 709.93	TOO OLD
26-1100-05	\$ 6.47	
26-3070-08	\$ 4.68	
26-3600-02	\$ 447.73	TOO OLD
Total:	\$ 1,195.88	



# EVANSVILLE WATER & LIGHT DEFERRED PAYMENT AGREEMENT ON UTILITY SERVICE BILLINGS FOR UTILITY ACCOUNTS

31 S. Madison St, PO Box 529, Evansville, WI 53536

Phone: 608-882-2266 | Fax: 608-882-2282 | Email: <u>utility@ci.evansville.wi.gov</u> Website: www.ci.evansville.wi.gov | Office Hours: 8:00am-4:30 PM Monday-Friday

<u>Deferred Payment Agreements:</u> A deferred payment agreement (DPA) will be offered to customers who cannot pay their balance in full. A DPA consists of two elements: a reasonable down payment and an installment plan to pay the remaining outstanding balance over no more than three months. On a monthly basis, customers are required to pay the current charges in full, in addition to the agreed upon installment payments. Payments must be received on or before the due date. A late or missed payment will render this DPA void, making the full balance owed to Evansville Water & Light due immediately.

Evansville water & Lig	John Doe	nt Agreement with:	
garees to pay to the I	Evansville Water & Light a total of: 950	00 This amount	will be paid in a
	payment in the a <u>mount of:</u> \$237.50		•
in 3 separate paymer	nts in th <u>e amount of:</u> in addi	tion to the current regular i	monthly bill due on
or before the 25 <sup>th</sup> of e	ach month.		
DUE DATE	AMOUNT DUE	AMOUNT PAID	DATE PAID
APRIL 25TH	237.50		
MAY 25 <sup>TH</sup>	142.50 + current charge		
JUNE 25 <sup>TH</sup>	142.50 + current charges		
JULY 25TH	142.50 + current charges		
AUGUST 25TH	142.50 + current charges		
SEPTEMBER 25TH	142.50 + current charges		
AGREEMENT		•	
customer pays his/her installments until the bi charges by the due da	ning this agreement by both parties that to current bill when due and a reasonable parties. It is paid in full. Failure to make payments the will constitute a breach of contract, white on. Once disconnected, an account shall connection fee of \$40.	portion of the remaining outs s scheduled in this agreeme ich warrants automatic disco	tanding balance in nt and pay current nnection of service
Name		Signature	
Phone	Ī	Date	
RIGHT TO APPEAL			
agreement. If you and t disputed issues. If you si	vith this agreement, do not sign. You have the utility cannot agree on terms you can asign this agreement, you agree that you owe	k the Public Service Commiss the amount due under the ag	sion to review the



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Evansville Water & Lig	ht, hereby enter into a Deferred Payment A	Agreement with:	
	John Doe		
agrees to pay to the B	Evansville Water & Light a total of: <u>950.00</u>	This amount w	vill be paid in a
$\frac{50\%}{25}\%$ initial down	payment in the a <u>mount of:</u> \$475.00	The remaining an	nount will be paid
in 3 separate paymer	nts in th <u>e amount of:</u> in addition	n to the current regular m	onthly bill due on
or before the 25 <sup>th</sup> of e	ach month.		
DUE DATE	AMOUNT DUE	AMOUNT PAID	DATE PAID
APRIL 25 <sup>TH</sup>	475.00		
MAY 25 <sup>TH</sup>	95.00 + current charge		
JUNE 25™	95.00 + current charges		
JULY 25TH	95.00 + current charges		
AUGUST 25TH	95.00 + current charges		
SEPTEMBER 25TH	95.00 + current charges		
AGREEMENT			
customer pays his/her installments until the bi charges by the due da	ning this agreement by both parties that the current bill when due and a reasonable portill is paid in full. Failure to make payments so te will constitute a breach of contract, which on. Once disconnected, an account shall only connection fee of \$40.	on of the remaining outsta heduled in this agreement warrants automatic discon	anding balance in tand pay current nection of service
Name		Signature	
Phone		Date	
RIGHT TO APPEAL			
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# City of Evansville

### www.ci.evansville.wi.gov

31 S Madison St PO Box 529 Evansville, WI 53536 (608) 882-2266 phone (608) 882-2282 fax

January 28, 2021

# TEMPORARY AMENDMENT TO DEFERRED PAYMENT AGREEMENT POLICY

- DPA'S will be offered to all Evansville Water & Light customers. (Home owners and tenants)
- Procedure
  - a. First ask for 50% down of total balance
  - b. If customer is unable to provide 50% down, offer 25% down
  - c. Remaining balance must be paid no later than September 30th. Example of DPA: See enclosed

Temporary Amendment to DPA Tariff has been submitted to the PSC.

### WPPI ESR Report

- Had a call with Upper90 regarding Evansville School District. Evansville SD is eligible for WPPI's
  Energy Management for Schools program which can give the high school access to bonus
  incentives which is necessary because the SD can't allocate any money to projects right now.
- No word on whether Evansville HS was awarded a PSC grant, announcements will be made in March (TBD).
- Elementary students were treated to a reading of the "If I Were a Lineworker" book for Mystery Reader day (big shout out to Leah!!). Talking with WPPI marketing to making the video a bit more polished and can be shared with students in the future.
- Creating bill insert to warn customers of potential unrealistic financial projections for solar projects. We have seen energy savings projections from installers include a 4-6% escalation in electric prices which is not historically accurate. Electric prices for members have been flat or gone down for several years (since 2013).