SECTION 00 90 01
BIDDING AND CONTRACT REQUIREMENTS
ADDENDUM NUMBER (04)

SmithGroup, Inc.
35 E Wacker Dr #900
Chicago, IL 60661
312.641.0770

To: Prospective Bidders

Issued: May 6, 2024

Re: ADDENDUM NUMBER (03) TO THE BIDDING DOCUMENTS FOR

Bid 24-032 Elgin Sports Complex Expansion
Architect's Project Number: 14106

This addendum forms a part of the bidding and contract documents and modifies the original bidding documents dated April 11, 2024. 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 – Volume 1

1. None

ADDENDA TO THE DRAWINGS – Volume 1

1. CU-100 through CU-103 – UTILITY PLAN: updates to storm drain, water and sanitary systems as indicated on the plans. Additions include control structures to bioswale facilities and Detention Ponds A & B, addition of culvert to convey runoff north of Sports Way to Detention Pond A, removal of 1 section of mainline storm drainpipe (AREA C) and extension of existing storm drain system that connects to Detention Pond B.
2. CU-201 through CU-203 – STORM SEWER PLAN AND PROFILE: updated to address revisions to the design layout, and to include pipe materials.
3. CU-208 through CU-214 – STORM SEWER PLAN AND PROFILE: added profiles to provide design information for portions not previously released.
4. New Sheet - ALT-200 - ALTERNATE 2 - ATHLETIC FIELD 3 IRRIGATION (See sheets issued in Addendum 3)
5. New Sheet - ALT-201 - ALTERNATE 8 - CORE AREA IRRIGATION (See sheets issued in Addendum 3)

ADDENDA TO THE DRAWINGS – Volume 2

1. A-551 - FINISH & MILLWORK DETAILS - Detail 2/A-551 revised, callout added. (See sheets issued in Addendum 3)
2. A-611 - OPENINGS SCHEDULES & TYPES - Door schedule revised, door and frame IDs added, hardware sets added, general notes revised. (See sheets issued in Addendum 3)
3. Revised A-101 – CONSTRUCTION PLANS -CONCESSIONS
4. Revised A-111 - CONSTRUCTION PLANS -MAINTENANCE
5. Revised A-551 - FINISH & MILLWORK DETAILS
6. Revised A-631 - MATERIAL, FINISH, & FIXTURE SCHEDULES
7. Revised A-632 - EQUIPMENT PLAN AND SCHEDULE

8. Revised G-302 - CODE AND LIFE SAFETY PLAN - MAINTENANCE

ADDENDA TO THE PROJECT MANUAL – Volume 2

1. Added SECTION 077253 - SNOW GUARDS

CLARIFICATIONS for Volume 1:

1. **Vendors requesting to be an equal substitution to the approved manufacturer in SECTION S-265668 shall submit the information per SECTION S-265668, paragraph 2.5 for review prior to the bidding RFI deadline. Approved substitutions will be addressed via future Addenda.**
2. Description: On pages CU-101 Thru CU-103 the storm structures are shown but not labeled with any sizing, description, rim, invert or frame and lids. Some structures have the type of structures, some have everything, and some are not labeled. The Sanitary structures are all called out on pages CU-204 & 205. CU-206 is labeled Watermain Plan and Profile and shows some storm structures but not all. Will there be a revision including the structure sizing with rims, inverts, frames and lids? **See updated CU sheets in Addendum 4**
3. Drawing CS-502 Detail 1 Retaining Wall Note 4 States that the Contractor is responsible obtaining required permits for the segmented retaining wall, including associated permitting fees (what are these) and how much?

CLARIFICATIONS for Volume 2:

1. Please clarify if the CONC-1 epoxy floor finish areas of the concessions building receive integral cove base per specification section 096723, 3.3, C. The room finish schedule on sheet A-631 states the base is "per schedule" and the only reference to base on the adjacent material and finish schedule is for cove base being provided with the SGT-1 structural glazed tile wall material. **Correct: at the Concessions Building, the cove base is part of the wall finish (SGT-1) integral to the block to be used at the bottom course, see details 1/A-521 and 7/A-521 for a depiction of the cove profile; thus there is no separate wall base product for locations with SGT-1 wall finish.**
2. Please clarify if the CONC-1 epoxy floor finish areas of the maintenance building receive integral cove base per specification section 096723, 3.3, C. The room finish schedule on sheet A-631 requires B-1 base, but there is no reference to B-1 either on the adjacent material and finish schedule or the specifications. It is assumed that B-1 refers to resilient base as specified in specification section 096513, though no height is provided. **At the Maintenance Building, rooms with CONC-1 floor finish will not have integral base. B-1 is correct per the Room Finish Schedule; B-1 information will be added to the Material and Finish Schedule, see Addendum 4 Volume 2 drawings.**
3. 4. Referring to the door schedule on sheet A-611, please confirm or provide the following information: **Door Schedule revised, see Addendum 3 Volume 2 drawings**. a. Dimensions for doors 101A, 101B, M100, and M106B. **Door Schedule revised: dimensions revised, missing dimensions added, see Addendum 3 Volume 2 drawings.** b. Door hardware sets for all doors other than door 108. Please also provide information on what is included in each door hardware set. There was no door hardware specification provided in the bid documents. **Door Schedule revised: hardware sets added to Sheet A-611 and identified in the Door Schedule, see Addendum 3 Volume 2 drawings.** c. Head, jamb, and sill details for a majority of the doors. **Door Schedule revised: head, jamb, and sill detail indications updated as applicable, see Addendum 3 Volume 2 drawings. Where no head, jamb, or sill detail is indicated, provide manufacturer's standard detail as specified per Section 081113-B Hollow Metal Doors and Frames, for the applicable partition type. See plans 1/A-101 and 1/A-111 for partition locations, and sheet A-601 for partition types.**
4. Referring to the toilet accessories, please confirm or deny inclusion of the following items: a. Sanitary napkin disposals in Family 103 and the stall at the east end of Women's Restroom 104. They are

neither tagged nor depicted on A-632. **Confirmed: provide schedule sanitary napkin disposals at Women's Restroom 104 (all stalls), Family 103, and Maintenance Restroom M103. See Sheet G-401 for typical mounting heights, and Specifications Section 102800-B Toilet Accessories for additional requirements. Indications and tags will be corrected for clarity, see Addendum 4 Volume 2 drawings**. b. Baby changing stations in Family 103 and the stall at the east end of Women's Restroom 104. They are depicted, but not tagged on A-632. **Confirmed: provide baby changing station at Family 103 and Women's 104, matching that scheduled at Men's. Indications and tags will be corrected for clarity, see Addendum 4 Volume 2 drawings.** c. Toilet accessories in Restroom M103. There are several depicted, but nothing is tagged on A-111. **Confirmed: provide toilet accessories as scheduled at M103, matching those provided at Family 103, typical. See G-401 for typical accessories and mounting requirements at all Restrooms; see Specifications Section 102800-B Toilet Accessories for additional requirements. Indications and tags will be corrected for clarity, see Addendum 4 Volume 2 drawings.** d. Mirrors in Family 103 and Restroom M103. The only mirrors referenced or depicted are above the lavatories in Women's Restroom 104 and Men's Restroom 105 per 4 & 6/A-211, respectively. **Provide MR2 as indicated on Sheet G-401, typical, at the lavatories in Family Restroom 103 and Maintenance Restroom M103. Indications and tags will be corrected for clarity, see Addendum 4 Volume 2 drawings.**

5. Please clarify the floor finish in Restroom M103. The room finish schedule on A-631 calls for CONC-1, but the finish plan on 1/A-112 calls for CONC-2. **Confirmed: provide CONC-1 per the Room Finish Schedule; Finish Plan will be corrected for clarity, see the Addendum 4 Volume 2 drawings.**
6. Please advise where acoustical panel ceilings per specification section 095113 are required on the project. Neither of the reflected ceiling plans on A-102 and A-122, nor the room finish schedule on A-631 show or reference acoustical ceilings. **ACT is not used, you may disregard section 095113**.
7. Please advise where coiling counter doors per specification section 083313 are required on the project. The two exterior openings in Concessions 100 that you might expect would receiving a coiling counter door are sliding windows. **The design intent is for the Concessions service openings to receive both sliding glass windows and lockable coiling countertop doors as specified. The Addendum 4 Volume 2 drawings will be revised to show the intended placement of the coiling counter doors. Please note that these openings will also receive an air curtain device on the interior as indicated on the Mechanical plans, see 1/M-201, Keynote 13; Mechanical coordination will be required**.
8. Please advise if any fire extinguishers and cabinets are required in the maintenance building. The only fire extinguisher and cabinet shown on the plans is in Concessions 100 on G-301**. Please provide two (2) Fire Extinguisher Cabinets at the Maintenance Building, one at Corridor M100 and one at Equipment Storage Area M106. Egress Plan 1/G-302 will be revised to show exact locations, see Addendum 4 Volume 2 drawings.**
9. Please be advised that sheet A-611 "Openings Schedule and Types" have no information regarding the door or frame types for the door tags, as well, as no hardware sets. Will this information be provided in time to allow for proper pricing? **Sheet A-611 is revised: Door Schedule revised, missing information provided, see Addendum 3 Volume 2 drawings.**
10. Please be advised that there is no specifications in the Project Manual Volume 2 for the Hollow
11. Metal Doors & Frames nor the Door Hardware. Will this information be provided in time to allow
12. for proper pricing? **Spec Section 081113 B Hollow Metal Door and Frames was provided; hardware sets have been added to Sheet A-611, see Addendum 3 Volume 2 drawings**.
13. Please advise if the Gabion Retaining Wall at the Concession Building should receive fiber cement paneling at the top to the underside of the soffit as shown on 3/A301. Can you also provide a section cut through this wall. **The space above the gabion wall is open-air, no fiber cement cladding there; see added detail 10/A-521, Addendum 3 Volume 2 drawings**.
14. Spec. 1.1 B. 1. References 077253 " snow guards", but no such section exists and there are no snow guards shown on the roof plan or sections. Please advise if this can be removed**. Please provide snow guards at all guttered/draining edge of roofs at Concessions and Maintenance**

Buildings; drawings will be updated to indicate exact locations, and missing specification information will be provided, see Addendum 4 Volume 2 drawings and specifications.

15. Can we X brace through clerestory windows at the North Elevation? **Design intent is for clerestory windows to be operable and unimpeded; keep all X bracing below clerestory windowsills**.
16. The entry porch is not of typical PEMB design. They show pipe columns with knee braces which the mfr. would not use. Also, we would have column spacing and other details that would not match the bid drawings. Should this framing system be by others or can we design this per the PEMB's delegated design in the member sizes and shapes as economical per their design? **Please adhere to the design intent, provide framing by others if required, including pipe columns with knee braces as depicted in the drawings (Sheet A-202 EXTERIOR ELEVATIONS -MAINTENANCE). Provide shop drawings for Architect's approval.**
17. There is no detailed specification for the roof panel at the Maintenance Building (RF-3) which would show the interior and exterior skin thicknesses. Should it be the same as the wall panel thickness of 0.030" thickness or what do you need? **Skin thickness of the roof panel must be confirmed, and may vary from that of the specified wall panels. Missing specification information will be provided, see Addendum 4 Volume 2 specifications**.
18. The IMP roof and wall thickness shown (6" at Roof and 4" at Wall) exceed the thickness required to meet the energy code. Must we use these thicknesses or can we change the thicknesses to meet code? (Depending on the supplier, we can get a 4" roof panel and a 2.5" wall panel to meet the energy code) **Provide specified thickness, above-code performance is required per the energy model of the project**.
19. We will need (1) endpost at Line BB near Grid B5 and at least (2) endposts at Line BF on each side of the overhead door to support the PEMB girts. The girts cannot span from side to side. Okay? **Provide framing as needed to meet the design indent for door and window openings per the drawings; please provide shop drawings to Architect for review of specific framing members**.
20. The roof purlins at the Porch will run perpendicular to the roof slope. The architectural panel we intend to use can span over open framing and we would NOT have the need for a 1.5" B Deck under it with an underlayment as per detail 15 / A-501. Can we remove the need for the underlayment and B Deck? **Given the proposed roofing panel can span the framing, the deck and underlayment may be eliminated; please confirm however that a wood soffit at the underside will be provided, per the design intent of detail 15/A-501. Provide shop drawings for Architect's review**.
21. Detail 12 on A501 is showing a hat channel with an integrated clip that fits into the wall panel. This is not an option with the wall panel. Any clips for the hat channels or other means of attachment would need to be face attached and into the structural girt behind to attach any rain screening. We will take exception to this detail. **The assumption of a hat channel and clip is incorrect. What is depicted is "carrier" insulated panel (Kingspan Karrier, or equivalent alternate) with an integral vertical rib designed to support rainscreen cladding attachment. The cladding attachment must not penetrate the insulated panel, since that would compromise the performance of the insulated panel. An exception to this detail is not approved**.
22. The rain screening trim 05.05 on 3 A-532 by others or is the intent to have this as a part of the PEMB package? If PEMB package, this detail will need to be modified to meet our requirements. **Related to the response to above, intent is for the PEMB package to include "carrier" insulated panels allowing for the attachment of a rainscreen system by others; thus the flashing and trim to finish the rainscreen, including item 05.05 is assumed to be by others**.
23. What is closing off the gap from the rain screening exterior face to the IMP wall panel at detail 7 on A-532? **At all rainscreen edge-gaps provide edge detail per rainscreen manufacturer requirements. Return should match the rainscreen material with "seamless" mitered corner, or be fully capped with a metal edge profile, metal color to match EMT-1 scheduled flashing. Provide manufacturer's detail and/or shop drawings for architect's review**.
24. The window schedule on A-611 includes (6) type C3 windows in the maintenance building. Window types A4, C1, C2 and their scheduled quantities are all accounted for on the A-202 exterior elevations. Window type F1, although not tagged, is shown in the wall between Office 2 M105 and Equipment Storage Area M106 on A-111. There are no other windows shown on the exterior

elevations on A-202 or within the interior walls on A-111. Where are the type C3 windows required? **The Type C3 windows where included in error, there are no windows of that type in the project at this time; you may disregard. The Window Schedule will be corrected, see Addendum 4 Volume 2 drawings**.

25. Specification section 101423.16—Room Identification Panel Signage is provided in the documents, but outside of the restroom signs amongst the general details on G-401 there is no other information on required signage size for other rooms or installation locations. Is signage required at every room at both the concessions and maintenance buildings? If so, please provide details outlining any requirements including size. **Sheet G-401 actually does provide requirements for the sizing and placement of typical room identification signage, see "VISUAL, TACTILE, BRAILLE, & PICTOGRAM SIGNAGE AT DOORS," "TACTILE SIGNAGE AT TOILET AND LOCKER ROOMS," and "TACTILE SIGNAGE AT DOORS (PLAN)"; please provide a signage package with all required submittals, per Specifications Section 101423.16-B, Part 1 1.3.E Action Submittals. See Item E, "Product Schedule: For room-identification signs. Use same designations indicated on Drawings or specified." Please provide the proposed product schedule for Architect's review, prior to order or fabrication**.
26. The following questions are related to the pre-engineered building system in specification section 133419. **The following are repeat questions, see responses as indicated**.
    a. Paragraph 1.1, B, 1 references section 077253 “snow guards”, but no such section exists and there are no snow guards shown on the roof plan or sections. Please advise if this can be removed.
    b. Is VP Buildings (www.varcopruden.com) an approved metal building manufacturer for this project? See 2.1 A.
    c. Can we X brace through clerestory windows at the north elevation?
    d. The entry porch is not of typical pre-engineered metal building (PEMB) design. They show pipe columns with knee braces which the manufacturer would not use. Also, we would have column spacing and other details that would not match the bid drawings. Should this framing system be by others or can we design this per the PEMB’s delegated design in the member sizes and shapes as economical per their design?
    e. There is no detailed specification for the roof panel at the Maintenance Building (RF-3) which would show the interior and exterior skin thicknesses. Should it be the same as the wall panel thickness of 0.030” thickness or what do you need?
    f. The insulated metal panel roof and wall thicknesses shown on A-501 (6” at roof and 4” at wall) exceed the thicknesses required to meet the energy code. Must we use these thicknesses, or can we change the thicknesses to meet code? Depending on the supplier, we can get a 4” roof panel and a 2.5” wall panel to meet the energy code.
    g. We will need (1) end post at Line BB near Grid B5 and at least (2) end posts at Line BF on each side of the overhead door to support the PEMB girts. The girts cannot span from side to side. Is this acceptable?
    h. The roof purlins at the porch will run perpendicular to the roof slope. The architectural panel we intend to use can span over open framing and we would not have the need for a 1.5” B Deck under it with an underlayment as per detail 15/A-501. Can we remove the need for the underlayment and B Deck?
    i. Detail 12 on A501 is showing a hat channel with an integrated clip that fits into the wall panel. This is not an option with the wall panel. Any clips for the hat channels or other means of attachment would need to be face attached and into the structural girt behind to attach any rain screening. We will take exception to this detail.
    j. What is closing off the gap from the rain screening exterior face to the insulated wall panel at detail 7 on A-532?
27. For the Maintenance Building – the roof is pitched from 16’+/- to 10’+/-. Wall Type A-S3 - in the Corridor to the Mechanical Room #M102. Storage Room #M104, and between Mech. and Storage rooms – only goes up to 10’ or does it go to the Deck (A1S3)? **Wall Type A-S3 only needs to go up to the finished ceiling, or slightly above as needed for the wall-to-ceiling transition. See 5/A-**

301 Building Section - Maintenance 2 for clarity. Please note that Wall Type A1S6 is a rated partition, thus A1S6 must go to deck and be fire-sealed as required, see 1/A-601.

28. Both buildings appear to be "High Moisture Areas" – should we figure Mold & Moisture in all wall and ceiling conditions? **Yes, please account for mold and moisture concerns, typical at both buildings.**

This addendum consists of (6) pages, excluding attachments.

END 00 90 01.

Attachments:

1. **Specifications – Volume 1**:

2. **Drawings – Volume 1**:
    a. CU-100 - UTILITY PLAN - OVERALL
    b. CU-101 - UTILITY PLAN - AREA A
    c. CU-102 - UTILITY PLAN - AREA B
    d. CU-103 - UTILITY PLAN - AREA C
    e. CU-201 - STORM SEWER PLAN AND PROFILE
    f. CU-202 - STORM SEWER PLAN AND PROFILE
    g. CU-203 - STORM SEWER PLAN AND PROFILE
    h. CU-208 - STORM SEWER PLAN AND PROFILE
    i. CU-209 - STORM SEWER PLAN AND PROFILE
    j. CU-210 - STORM SEWER PLAN AND PROFILE
    k. CU-211 - STORM SEWER PLAN AND PROFILE
    l. CU-212 - STORM SEWER PLAN AND PROFILE
    m. CU-213 - STORM SEWER PLAN AND PROFILE
    n. CU-214 - STORM SEWER PLAN AND PROFILE

3. **Specifications – Volume 2:**
    a. SECTION 077253 - SNOW GUARDS

4. **Drawings – Volume 2**:
    a. A-101 – CONSTRUCTION PLANS -CONCESSIONS
    b. A-111 - CONSTRUCTION PLANS -MAINTENANCE
    c. A-551 - FINISH & MILLWORK DETAILS
    d. A-631 - MATERIAL, FINISH, & FIXTURE SCHEDULES
    e. A-632 - EQUIPMENT PLAN AND SCHEDULE
    f. G-302 - CODE AND LIFE SAFETY PLAN - MAINTENANCE

SECTION 077253 - SNOW GUARDS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Pad-type, seam-mounted cast-metal snow guards.

1.2 ACTION SUBMITTALS

A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.

1. Pad-type, seam-mounted cast-metal snow guards.

B. Shop Drawings: Include roof plans showing layouts and attachment details of snow guards.

C. Samples:

1. Pad-Type Snow Guards: Full-size unit with installation hardware.

a. For units with factory-applied finishes, submit manufacturer's standard color selections.

D. Delegated Design Submittals: For snow guards, include analysis reports signed and sealed by the qualified professional engineer responsible for their preparation.

1. Include calculation of number and location of snow guards.

1.3 INFORMATIONAL SUBMITTALS

A. Qualification Data: For professional engineer's experience with providing delegated design engineering services of the kind indicated, including documentation that the engineer is licensed in the state in which the Project is located.

B. Product Test Reports: For each type of snow guard, for tests performed by a qualified testing agency, indicating load at failure of attachment to roof system identical to roof system used on this Project.

1.4 FIELD CONDITIONS

A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit adhesive-mounted snow guards to be installed, and adhesive cured, according to adhesive manufacturer's written instructions.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design snow guards, including attachment to roofing material and roof deck, as applicable for attachment method, based on the following:

1. Roof snow load.
2. Snow drifting
3. Roof slope.
4. Roof type.
5. Roof dimensions.
6. Roofing substrate type and thickness.
7. Snow guard type.
8. Snow guard fastening method and strength.
9. Snow guard spacing.
10. Coefficient of Friction Between Snow and Roof Surface: 0.
11. Factor of Safety: 2.

B. Performance Requirements: Provide snow guards that withstand exposure to weather and resist thermally induced movement without failure, rattling, or fastener disengagement due to defective manufacture, fabrication, installation, or other defects in construction.

1. Temperature Change: 120 deg F, ambient; 180 deg F, material surfaces.

C. Structural Performance: Snow guards to withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated.

1. Snow Loads: As indicated on Drawings.

2.2 PAD-TYPE SNOW GUARDS

A. Pad-Type, Seam-Mounted Cast-Metal Snow Guards:

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

a. Alpine SnowGuards.
b. Berger; division of OmniMax International, Inc.
c. Levi's Building Components.
d. Sieger Snow Guards Inc.
e. TRA Snow and Sun, Inc.

2. Material:

a. Cast Aluminum: ASTM B26/B26M; powder coated finish to match standing seam metal roofing finish.

3. Attachment: Manufacturer's tested system, capable of resisting design loads.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Installer present, for compliance with requirements for installation tolerances, snow guard attachment, and other conditions affecting performance of the Work.

1. Verify compatibility with and suitability of substrates, including compatibility with existing finishes or primers.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Install snow guards according to manufacturer's written instructions.

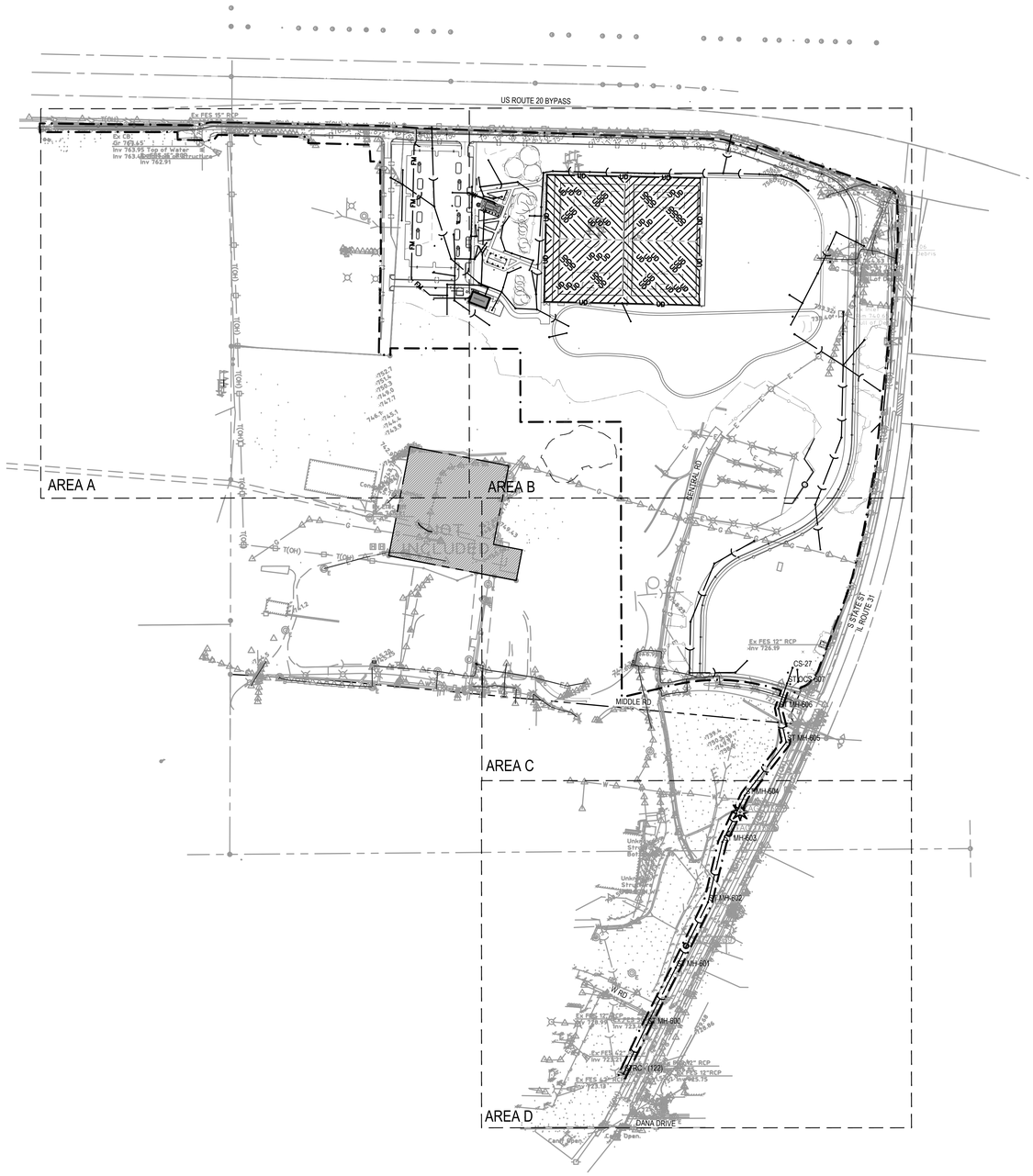
1. Space rows as recommended by manufacturer.

B. Attachment for Standing-Seam Metal Roofing:

1. Do not use fasteners that will penetrate metal roofing or fastening methods that void metal roofing finish warranty.
2. Pad-Type, Seam-Mounted Snow Guards:

a. Install snow guards in straight rows.
b. Secure in place using stainless steel set screws, incorporating round nonpenetrating point.
c. Torque set screw in accordance with manufacturer's written instructions.

END OF SECTION



SHEET NOTES

BEFORE ANY EXCAVATION ON THE SITE, CALL 811 TO LOCATE ANY EXISTING UTILITIES ON THE SITE. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF ALL BURIED UTILITIES IN THE AREAS OF WORK BEFORE STARTING OPERATIONS. THE CONTRACTOR SHALL BE LIABLE FOR THE COST OF REPAIRING OR REPLACING ANY BURIED CONDUIT, CABLES, OR PIPING DAMAGED DURING THE INSTALLATION OF THIS WORK.

VERIFY DEPTH AND LOCATION OF EXISTING SEWER AND MANHOLES PRIOR TO START OF ANY SEWER CONSTRUCTION. REPORT ANY DISCREPANCIES OR CONFLICTS TO THE ARCHITECT/ENGINEER

ALL UTILITY STRUCTURES, INCLUDING BUT NOT LIMITED TO: CLEAN-OUTS, MANHOLES, CATCH BASINS, STRUCTURES, VALVE BOXES, SHUT OFF VALVES, VAULT COVERS, ELECTRICAL VAULT COVERS, ELECTRICAL PULL BOXES, ETC., TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE UNLESS OTHERWISE NOTED.

4. WHEREVER A SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY SEWERS AND WATER MAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATER MAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS.

5. ALL WATER SERVICE LINE AND WATER MAIN WORK, TESTING AND FLUSHING SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF EVANSTON MUNICIPAL CODE AND STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, SEVENTH EDITION.

KEYED NOTES

LEGEND

- PROPERTY LINE
- WETLAND BOUNDARY
- LIMIT OF CONSTRUCTION
- STORMWATER MANAGEMENT AREA
- SANITARY SEWER
- FM — FORCE MAIN
- STORM SEWER
- COMBINED SEWER
- UD — UNDERDRAIN
- UD — FLATDRAIN
- CLEANOUT
- YARD DRAIN/ROUND INLET
- FLARED END SECTION
- FIRE HYDRANT ASSEMBLY
- SANITARY MANHOLE
- STORM STRUCTURE
- CURB INLET
- SQUARE INLET
- LS — LIFT STATION

CALL J.U.L.I.E. 1-800-892-0123
48 Hours (2 working days) Before You Dig.

ELGIN SPORTS COMPLEX EXPANSION

475 Sports Way,
Elgin, Illinois 60123

VOLUME 1 OF 2

Owner:

ELGIN
THE CITY IN THE SUBURBS

SMITHGROUP
35 EAST WACKER
SUITE 900
CHICAGO, IL 60601
312.641.0770
www.smithgroup.com

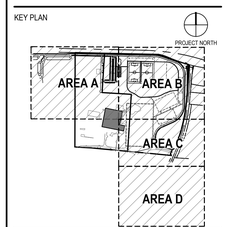
HPZS
314 W INSTITUTE PL
SUITE 1E
CHICAGO, IL 60610
312.944.9600
www.hpzs.com

ISSUED FOR	REV	DATE
ADDENDUM 4	3	05/06/2024
ADDENDUM 3	2	05/02/2024
ISSUE FOR BID	1	04/11/2024

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION
NOT FOR CONSTRUCTION

KEY PLAN



DRAWING TITLE
UTILITY PLAN - OVERALL

0 100' 200' 400'
SCALE: 1" = 200'

SCALE
14106

PROJECT NUMBER

CU-100

DRAWING NUMBER

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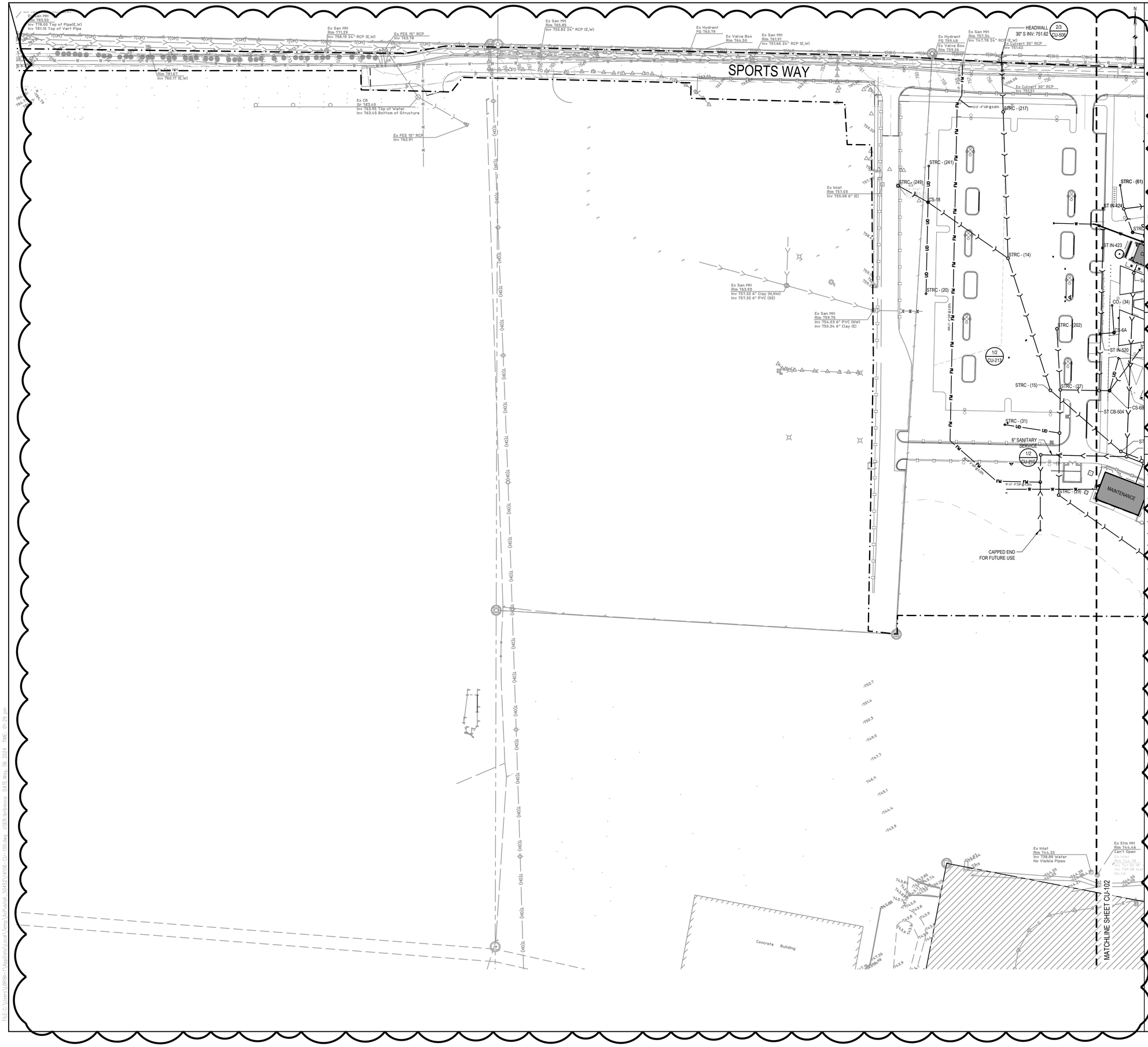

SHEET NOTES

1. BEFORE ANY EXCAVATION ON THE SITE, CALL 811 TO LOCATE ANY EXISTING UTILITIES ON THE SITE. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF ALL BURIED UTILITIES IN THE AREAS OF WORK BEFORE STARTING OPERATIONS. THE CONTRACTOR SHALL BE LIABLE FOR THE COST OF REPAIRING OR REPLACING ANY BURIED CONDUIT, CABLES, OR PIPING DAMAGED DURING THE INSTALLATION OF THIS WORK.

   VERIFY DEPTH AND LOCATION OF EXISTING SEWER AND MANHOLES PRIOR TO START OF ANY SEWER CONSTRUCTION. REPORT ANY DISCREPANCIES OR CONFLICTS TO THE ARCHITECT/ENGINEER

3. ALL UTILITY STRUCTURES, INCLUDING BUT NOT LIMITED TO: CLEAN-OUTS, MANHOLES, CATCH BASINS, STRUCTURES, VALVE BOXES, SHUT OFF VALVES, VAULT COVERS, ELECTRICAL VAULT COVERS, ELECTRICAL PULL BOXES, ETC., TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE UNLESS OTHERWISE NOTED.

4. WHEREVER A SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY SEWERS AND WATER MAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATER MAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS.

5. ALL WATER SERVICE LINES, WATER MAIN, FITTINGS AND APPURTENANCES SHALL BE DUCTILE IRON PIPE (DIP) IN ACCORDANCE WITH THE FOLLOWING:
   A. DUCTILE-IRON PIPE: AWWA C151 WITH PUSH-ON-JOINT BELL AND PLAIN SPIGOT END. CLASS 52 OR HIGHER.
   B. PUSH-ON-JOINT, DUCTILE-IRON FITTINGS: AWWA C110, DUCTILE IRON PATTERN OR AWWA C153, DUCTILE IRON COMPACT PATTERN. GASKETS: AWWA C111 RUBBERAIL.

   ALL WATER SERVICE LINE AND WATER MAIN WORK, TESTING AND FLUSHING SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF EVANSTON MUNICIPAL CODE AND STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, SEVENTH EDITION.

KEYED NOTES

LEGEND

PROPERTY LINE	
WETLAND BOUNDARY	
LIMIT OF CONSTRUCTION	
STORMWATER MANAGEMENT AREA	
SANITARY SEWER	
FORCE MAIN	
STORM SEWER	
COMBINED SEWER	
UNDERDRAIN	
FLATDRAIN	
CLEANOUT	
YARD DRAIN/ROUND INLET	
FLARED END SECTION	
FIRE HYDRANT ASSEMBLY	
SANITARY MANHOLE	
STORM STRUCTURE	
CURB INLET	
SQUARE INLET	
LIFT STATION	

ELGIN SPORTS COMPLEX EXPANSION

475 Sports Way,
Elgin, Illinois 60123

VOLUME 1 OF 2

Owner:

ELGIN
THE CITY IN THE SUBURBS

SMITHGROUP
35 EAST WACKER
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www.smithgroup.com

HPZS
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CHICAGO, IL 60610
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ISSUED FOR	REV	DATE
ADDENDUM 4	3	05/06/2024
ADDENDUM 3	2	05/02/2024
ISSUE FOR BID	1	04/11/2024

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION
NOT FOR CONSTRUCTION

KEY PLAN

PROJECT NORTH

AREA A

DRAWING TITLE
UTILITY PLAN - AREA A

SCALE: 1" = 50'

SCALE 14106

PROJECT NUMBER

DRAWING NUMBER CU-101

CALL J.U.L.I.E. 1-800-892-0123
48 Hours (2 working days) Before You Dig.

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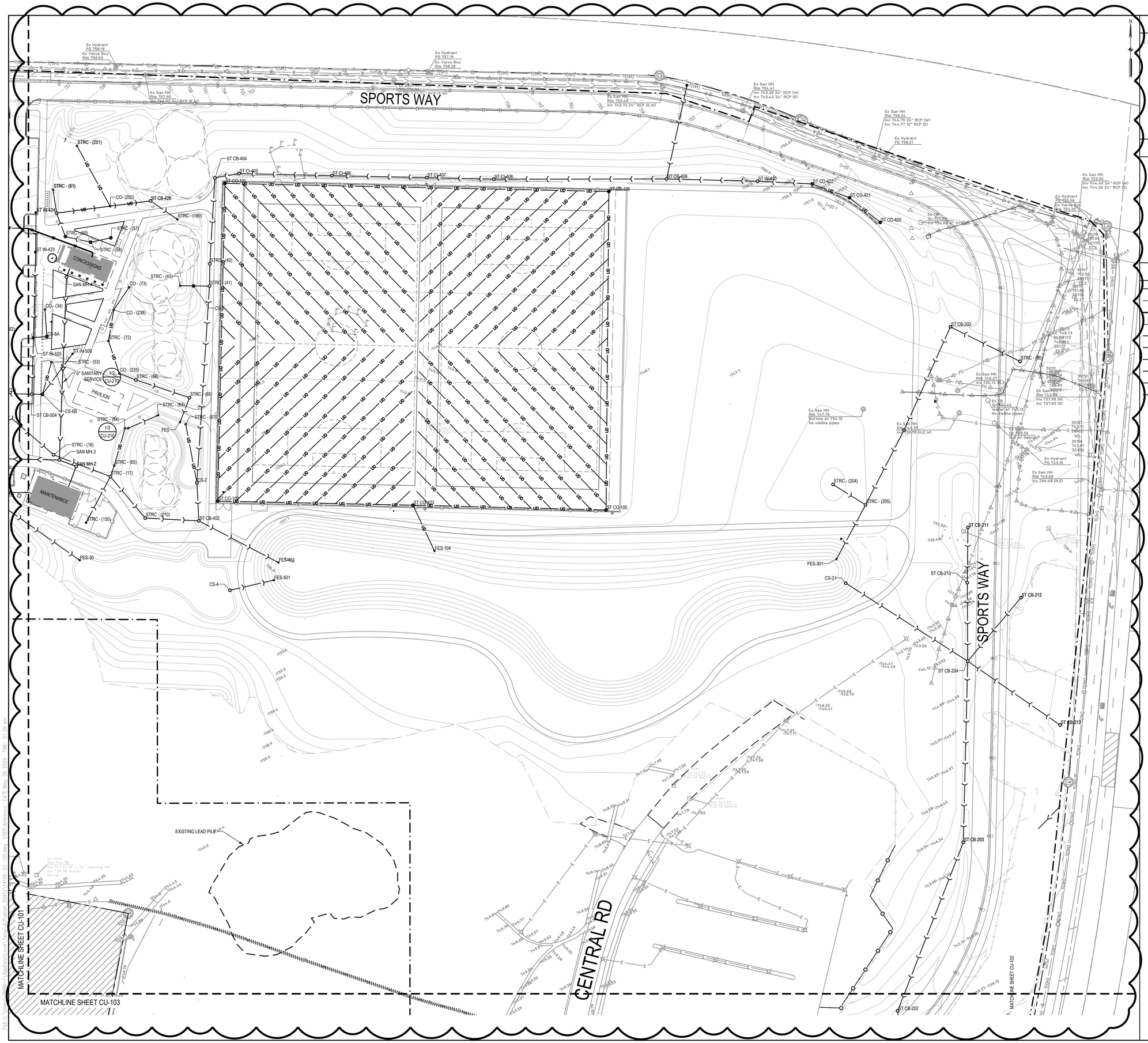

SHEET NOTES

SEE SHEET CU-100 FOR GENERAL UTILITY NOTES

KEYED NOTES

LEGEND

- PROPERTY LINE
- WETLAND BOUNDARY
- LIMIT OF CONSTRUCTION
- STORMWATER MANAGEMENT AREA
- SANITARY SEWER
- FORCE MAIN
- STORM SEWER
- COMBINED SEWER
- UNDERDRAIN
- FLATDRAIN
- CLEANOUT
- YARD DRAIN/ROUND INLET
- FLARED END SECTION
- FIRE HYDRANT ASSEMBLY
- SANITARY MANHOLE
- STORM STRUCTURE
- CURB INLET
- SQUARE INLET
- LIFT STATION

FLATDRAIN	3.34 CU-502
FLATDRAIN	4 CU-503
CLEANOUT	2 CU-503
YARD DRAIN/ROUND INLET	1.31 CU-506
FLARED END SECTION	2 CU-504
FIRE HYDRANT ASSEMBLY	2.11 CU-507
SANITARY MANHOLE	1.11 CU-506
STORM STRUCTURE	1.22 CU-506
CURB INLET	1 CU-505, 1.31 CU-506
SQUARE INLET	1.33 CU-506
LIFT STATION	1 CU-505, 2 CU-506

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SEALS AND SIGNATURES

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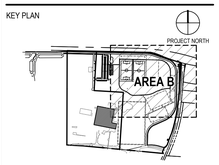
NOT FOR CONSTRUCTION

KEY PLAN



DRAWING TITLE
UTILITY PLAN - AREA B

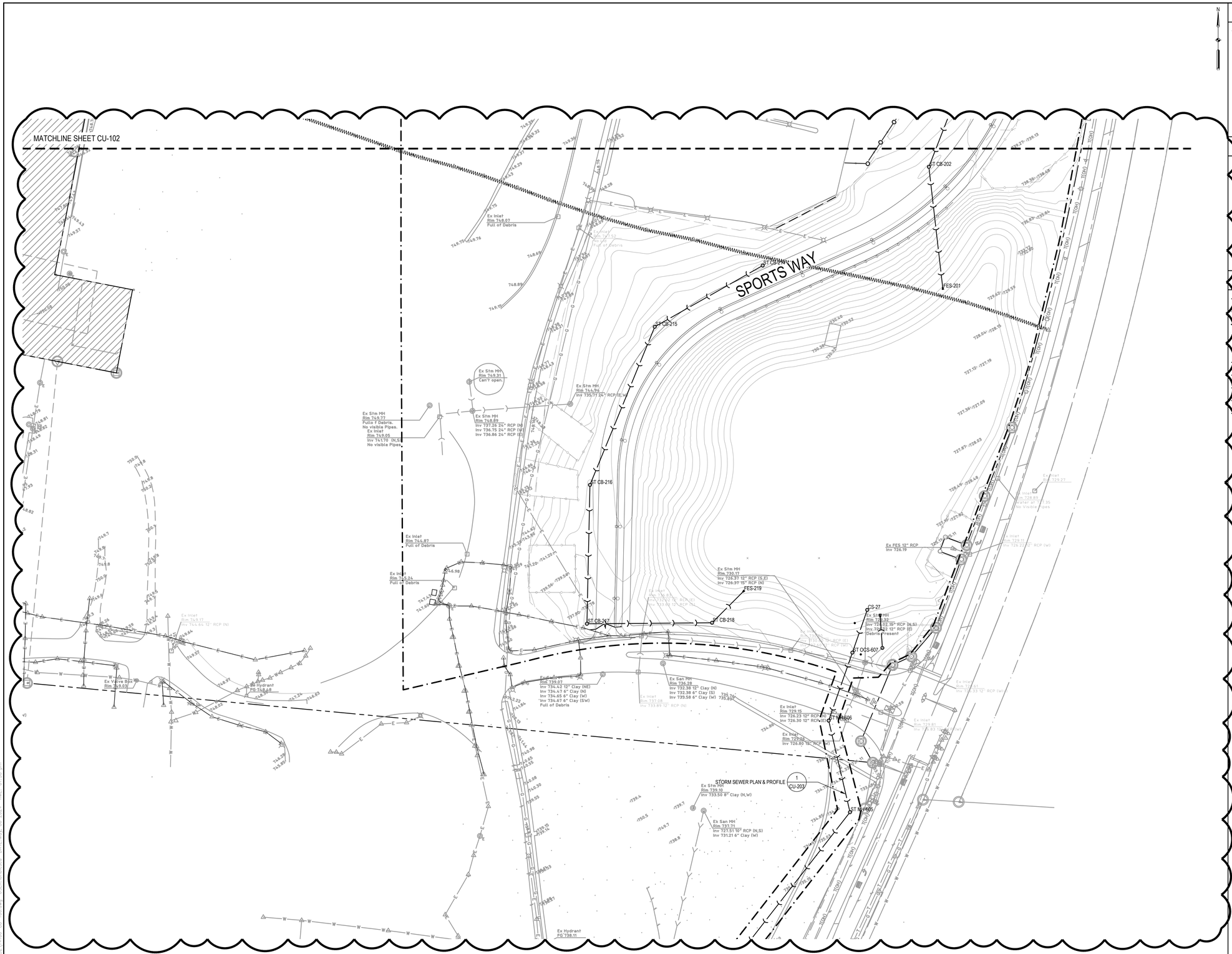
SCALE: 1" = 50'

SCALE 14106

PROJECT NUMBER

DRAWING NUMBER CU-102

CALL J.U.L.I.E. 1-800-892-0123
48 Hours (2 working days) Before You Dig.



SHEET NOTES

1. SEE SHEET CU-100 FOR GENERAL UTILITY NOTES

KEYED NOTES

LEGEND

PROPERTY LINE	
WETLAND BOUNDARY	
LIMIT OF CONSTRUCTION	
STORMWATER MANAGEMENT AREA	
SANITARY SEWER	
FORCE MAIN	
STORM SEWER	
COMBINED SEWER	
UNDERDRAIN	3.34 CU-502
FLATDRAIN	4 CU-503
CLEANOUT	2 CU-503
YARD DRAIN/ROUND INLET	1.31 CU-500
FLARED END SECTION	2. CU-504
FIRE HYDRANT ASSEMBLY	2.11 CU-507
SANITARY MANHOLE	1.11 CU-500
STORM STRUCTURE	1.22 CU-500
CURB INLET	1 CU-503 / 1.31 CU-500
SQUARE INLET	1.33 CU-500
LIFT STATION	1 CU-505 / 2. CU-505

CALL J.U.L.I.E. 1-800-892-0123
48 Hours (2 working days) Before You Dig.

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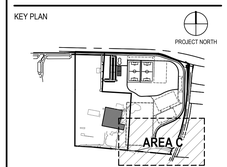
ISSUE FOR BID	**1**	**04/11/2024**

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION
NOT FOR CONSTRUCTION

KEY PLAN



DRAWING TITLE
UTILITY PLAN - AREA C

0' 25' 50' 100'
SCALE: 1" = 50'

SCALE
14106

PROJECT NUMBER

DRAWING NUMBER
CU-103

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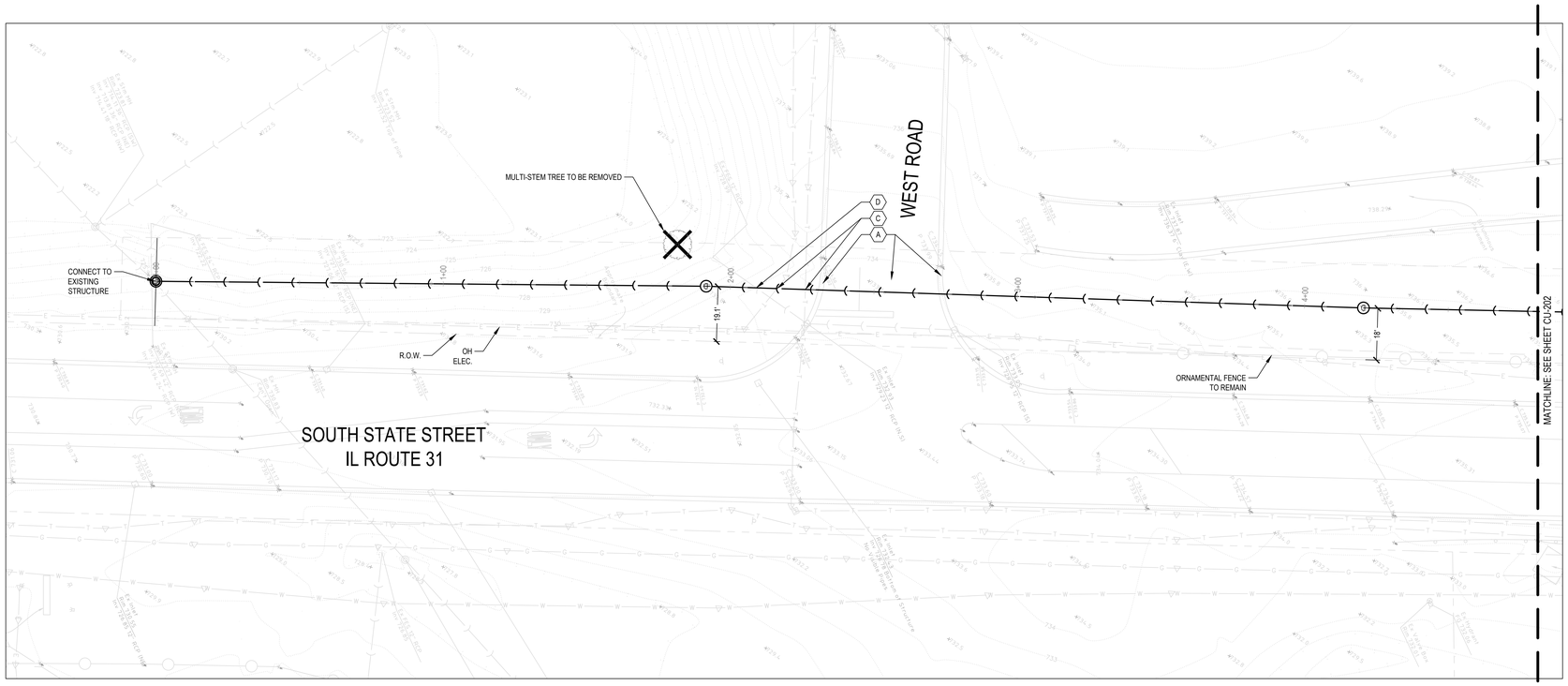
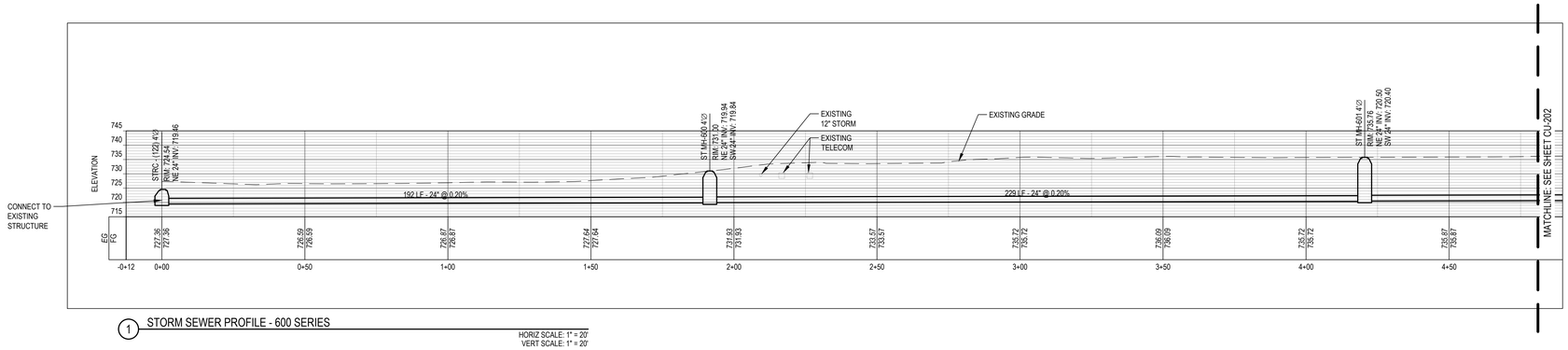


1 STORM SEWER PLAN - 600 SERIES

SCALE: 1" = 20'



1 STORM SEWER PROFILE - 600 SERIES

HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 20'

SHEET NOTES

1. SEE SHEET CS-100 FOR LAYOUT AND MATERIALS NOTES.

KEYED NOTES

A. REMOVE AND REPLACE CURB, GUTTER AND ROAD PAVING TO LIKE CONDITIONS.

B. PROTECT EXISTING WATER LINE AT CROSSING WITH PROPOSED STORM SEWER. VERIFY MINIMUM 18 INCH SEPARATION FROM BOTTOM OF WATER TO TOP OF SEWER.

C. PROTECT EXISTING UTILITY AT CROSSING WITH PROPOSED STORM SEWER. VERIFY MINIMUM 6 INCH CLEARANCE.

D. REMOVE, SALVAGE AND REINSTALL STORM LINE TO LIKE CONDITIONS.

LEGEND

SAWCUT FULL DEPTH AT LIMITS WHERE PAVEMENT IS TO REMAIN.

APPROXIMATE LIMITS OF DISTURBANCE FOR SEWER INSTALLATION. FINAL LIMITS PER OSHA OPEN CUT TRENCH REQUIREMENTS. REMOVE AND REPLACE LAWN WITH MINIMUM 6 INCH TOPSOIL.

CALL J.U.L.I.E. 1-800-892-0123
48 Hours (2 working days) Before You Dig.

ELGIN SPORTS COMPLEX EXPANSION

475 Sports Way,
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VOLUME 1 OF 2

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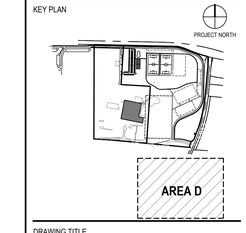
SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

KEY PLAN



DRAWING TITLE
STORM SEWER PLAN AND PROFILE

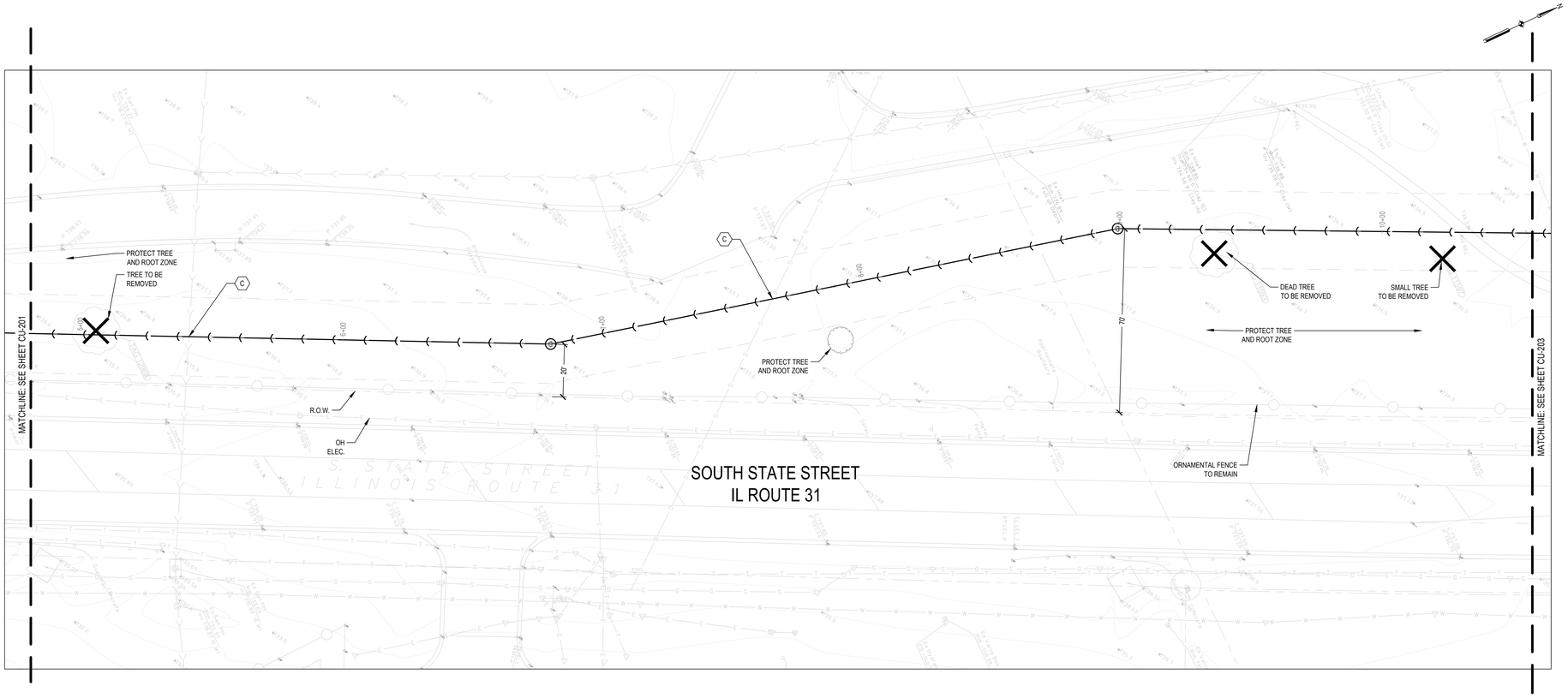
0' 10' 20' 40'
SCALE: 1" = 20'

SCALE

PROJECT NUMBER 14106

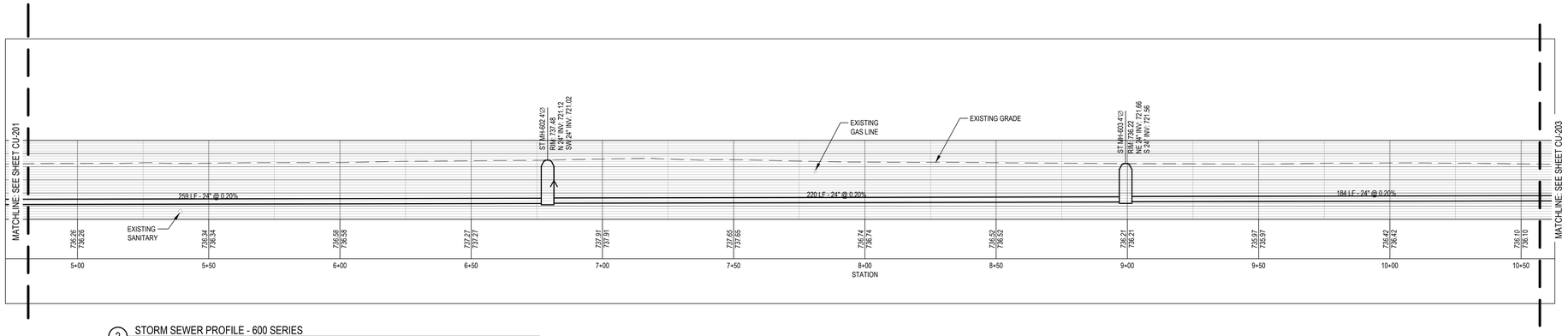
DRAWING NUMBER CU-201

FILE: C:\Users\bpchavez\SmithGroup Companies Inc\PRJ – 14106 – SmithGroup\CAD\05 Civil\14106-C1-200.dwg USER: bpchavez DATE: May 06 2024 TIME: 01:12 pm



2 STORM SEWER PLAN - 600 SERIES

SCALE: 1" = 20'



2 STORM SEWER PROFILE - 600 SERIES

HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 20'

SHEET NOTES

1. SEE SHEET CS-100 FOR LAYOUT AND MATERIALS NOTES.

KEYED NOTES

A. REMOVED AND REPLACE CURB AND GUTTER TO LIKE CONDITIONS.

B. PROTECT EXISTING WATER LINE AT CROSSING WITH PROPOSED STORM SEWER. VERIFY MINIMUM 18 INCH SEPARATION FROM BOTTOM OF WATER TO TOP OF SEWER.

C. PROTECT EXISTING UTILITY AT CROSSING WITH PROPOSED STORM SEWER. VERIFY MINIMUM 6 INCH CLEARANCE.

D. REMOVE, SALVAGE AND REINSTALL STORM LINE TO LIKE CONDITIONS.

LEGEND

SAWCUT FULL DEPTH AT LIMITS WHERE PAVEMENT IS TO REMAIN.

APPROXIMATE LIMITS OF DISTURBANCE FOR SEWER INSTALLATION. FINAL LIMITS PER OSHA OPEN CUT TRENCH REQUIREMENTS. REMOVE AND REPLACE LAWN WITH MINIMUM 6 INCH TOPSOIL.

CALL J.U.L.I.E. 1-800-892-0123
48 Hours (2 working days) Before You Dig.

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SEALS AND SIGNATURES

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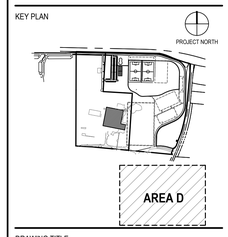
KEY PLAN



DRAWING TITLE

STORM SEWER PLAN AND PROFILE

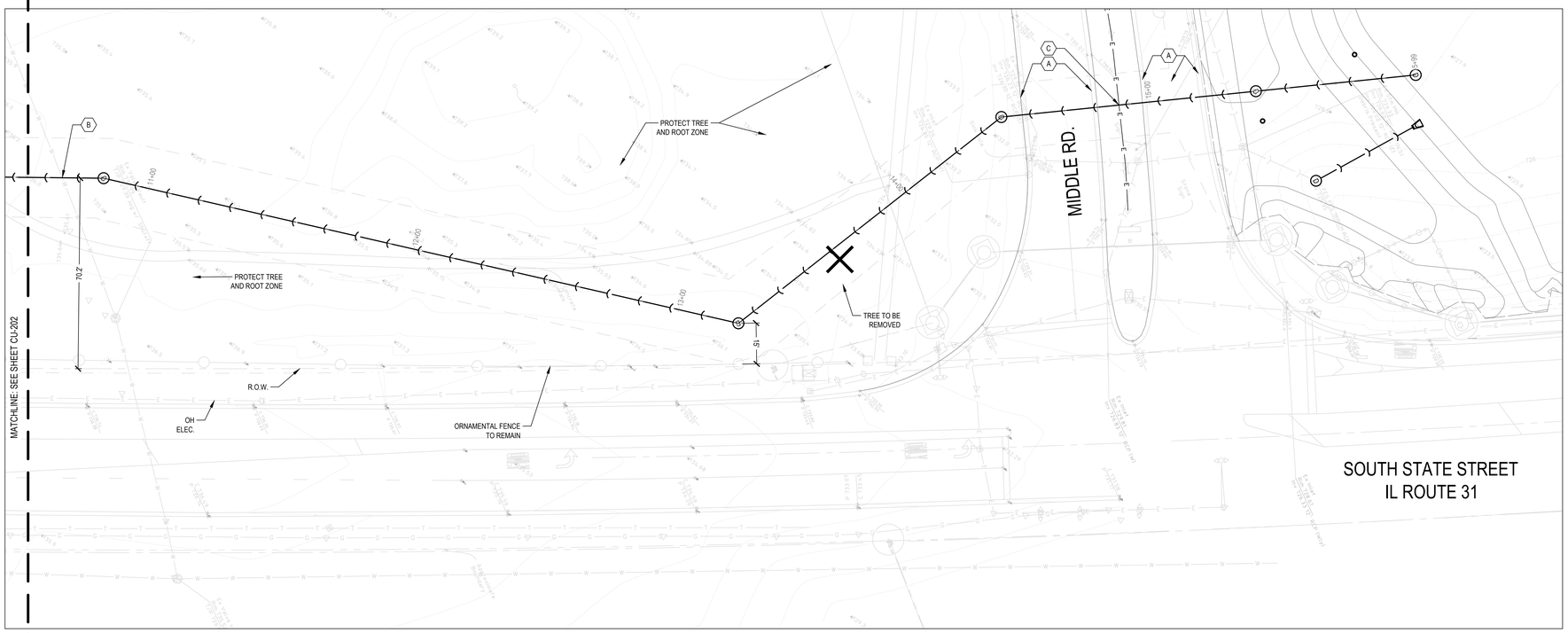
0' 10' 20' 40'
SCALE: 1" = 20'

SCALE

PROJECT NUMBER 14106

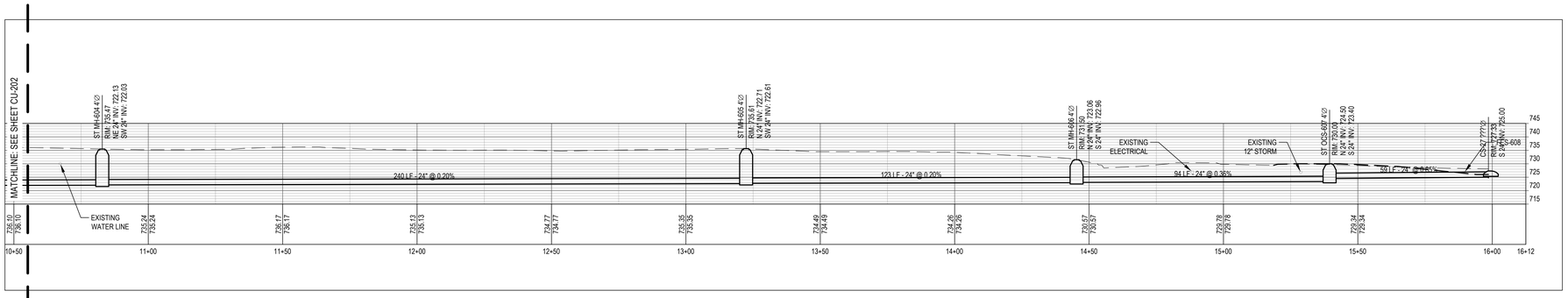
DRAWING NUMBER CU-202

FILE: C:\Users\jbaldwin\SmithGroup Companies Inc\PRJ - 14106 - SmithGroup - CAD\05 Civil\14106-CU-200.dwg USER: jbaldwin DATE: May 06 2024 TIME: 01:34 pm



3 STORM SEWER PLAN - 600 SERIES

SCALE: 1" = 20'



3 STORM SEWER PROFILE - 600 SERIES

HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 20'

SHEET NOTES

1. SEE SHEET CS-100 FOR LAYOUT AND MATERIALS NOTES.

KEYED NOTES

A. REMOVE AND REPLACE CURB, GUTTER AND ROAD PAVING TO LIKE CONDITIONS.

B. PROTECT EXISTING WATER LINE AT CROSSING WITH PROPOSED STORM SEWER. VERIFY MINIMUM 18 INCH SEPARATION FROM BOTTOM OF WATER TO TOP OF SEWER.

C. PROTECT EXISTING UTILITY AT CROSSING WITH PROPOSED STORM SEWER. VERIFY MINIMUM 6 INCH CLEARANCE.

D. REMOVE, SALVAGE AND REINSTALL STORM LINE TO LIKE CONDITIONS.

LEGEND

SAWCUT FULL DEPTH AT LIMITS WHERE PAVEMENT IS TO REMAIN.

APPROXIMATE LIMITS OF DISTURBANCE FOR SEWER INSTALLATION. FINAL LIMITS PER OSHA OPEN CUT TRENCH REQUIREMENTS. REMOVE AND REPLACE LAWN WITH MINIMUM 6 INCH TOPSOIL.

CALL J.U.L.I.E. 1-800-892-0123 48 Hours (2 working days) Before You Dig.

ELGIN SPORTS COMPLEX EXPANSION

475 Sports Way,
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VOLUME 1 OF 2

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SEALS AND SIGNATURES

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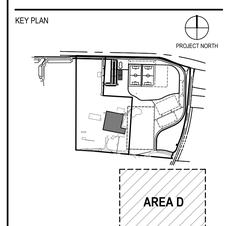
KEY PLAN



DRAWING TITLE

STORM SEWER PLAN AND PROFILE

0' 10' 20' 40'

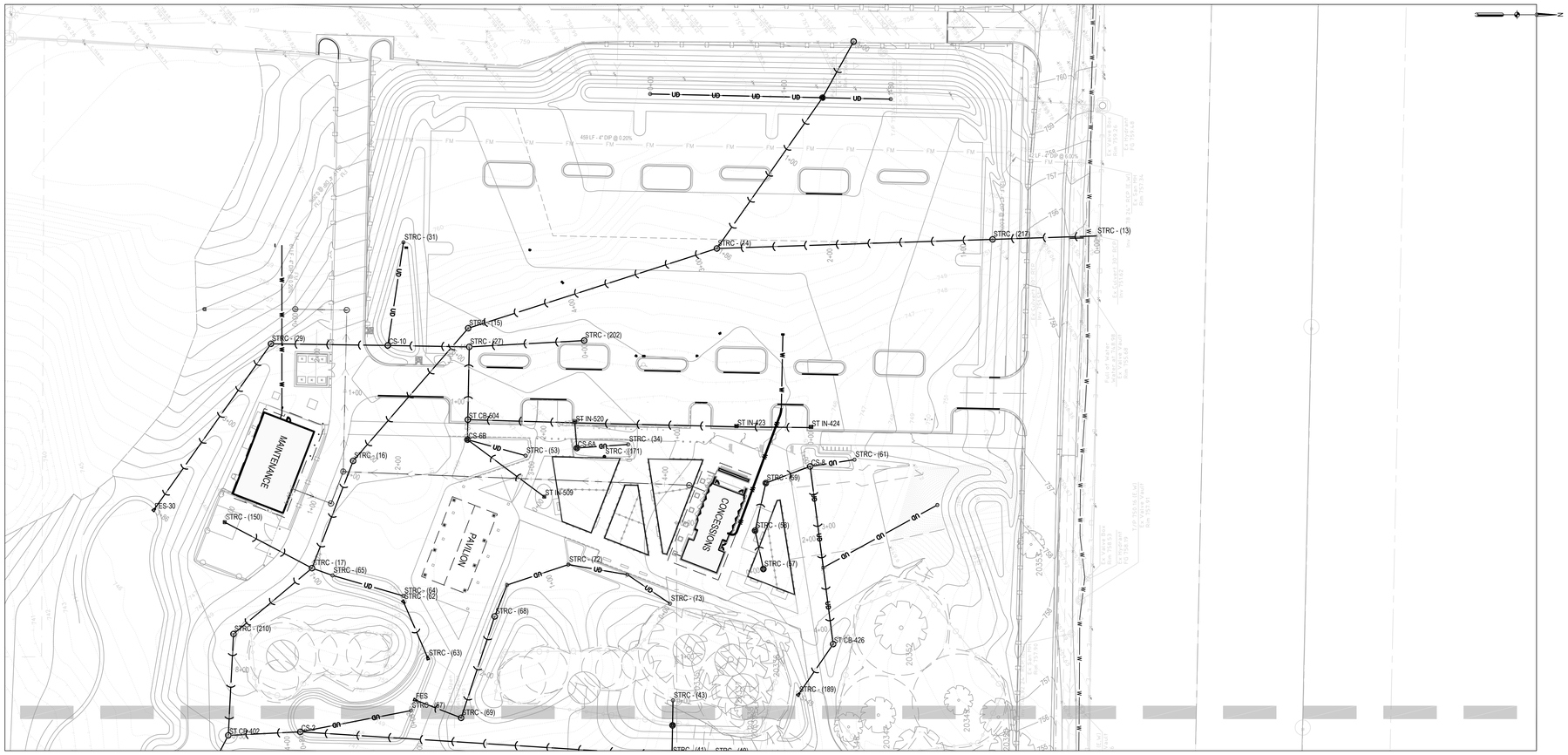
SCALE: 1" = 20'

SCALE

PROJECT NUMBER 14106

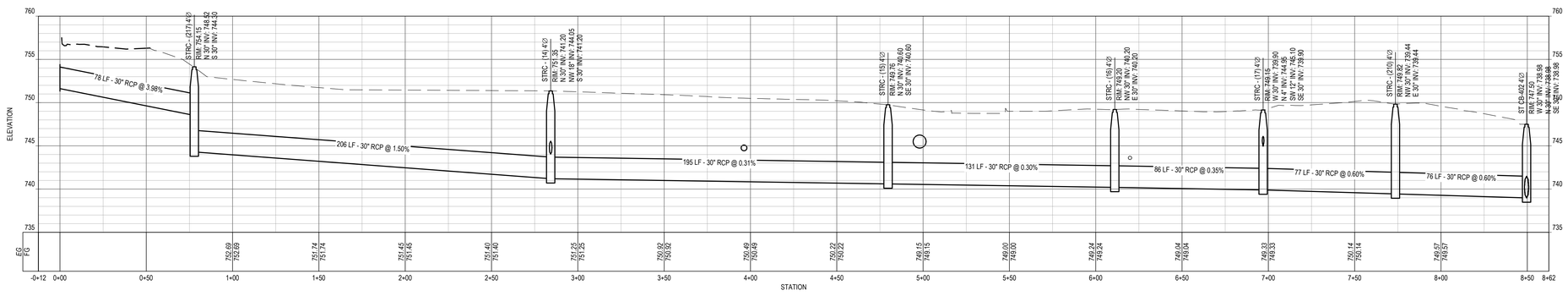
DRAWING NUMBER CU-203

FILE:C:\Users\bcbianco\SmithGroup Companies Inc\PBJ - 14106 - SmithGroup - SmithGroup\CAD\05 Civil\14106-CU-200.dwg USER:bcbianco DATE:May, 06 2024 TIME: 01:35 pm



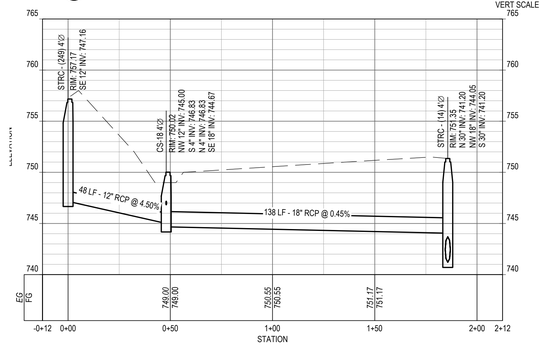
1 storm

SCALE: 1" = 40'



2 storm

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'



3 storm

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

SHEET NOTES

1. SEE SHEET G-101 FOR CITY OF ELGIN GENERAL NOTES.
2. SEE SHEET CU-212 FOR FOX RIVER WATER RECLAMATION DISTRICT (FRWRD) GENERAL NOTES.

KEYED NOTES

- A PROPOSED SHELTER PAVILLION
- B PROPOSED CONCESSIONS BUILDING
- C PROPOSED MAINTENANCE BUILDING
- D PROPOSED TRASH ENCLOSURE

LEGEND

ELGIN SPORTS COMPLEX EXPANSION

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VOLUME 1 OF 2

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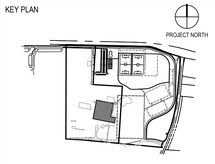
SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

KEY PLAN



DRAWING TITLE

STORM SEWER PLAN AND PROFILE

0 10' 20' 40'

SCALE: 1" = 20'

SCALE

PROJECT NUMBER 14106

DRAWING NUMBER

CU-208

CALL J.U.L.I.E. 1-800-892-0123
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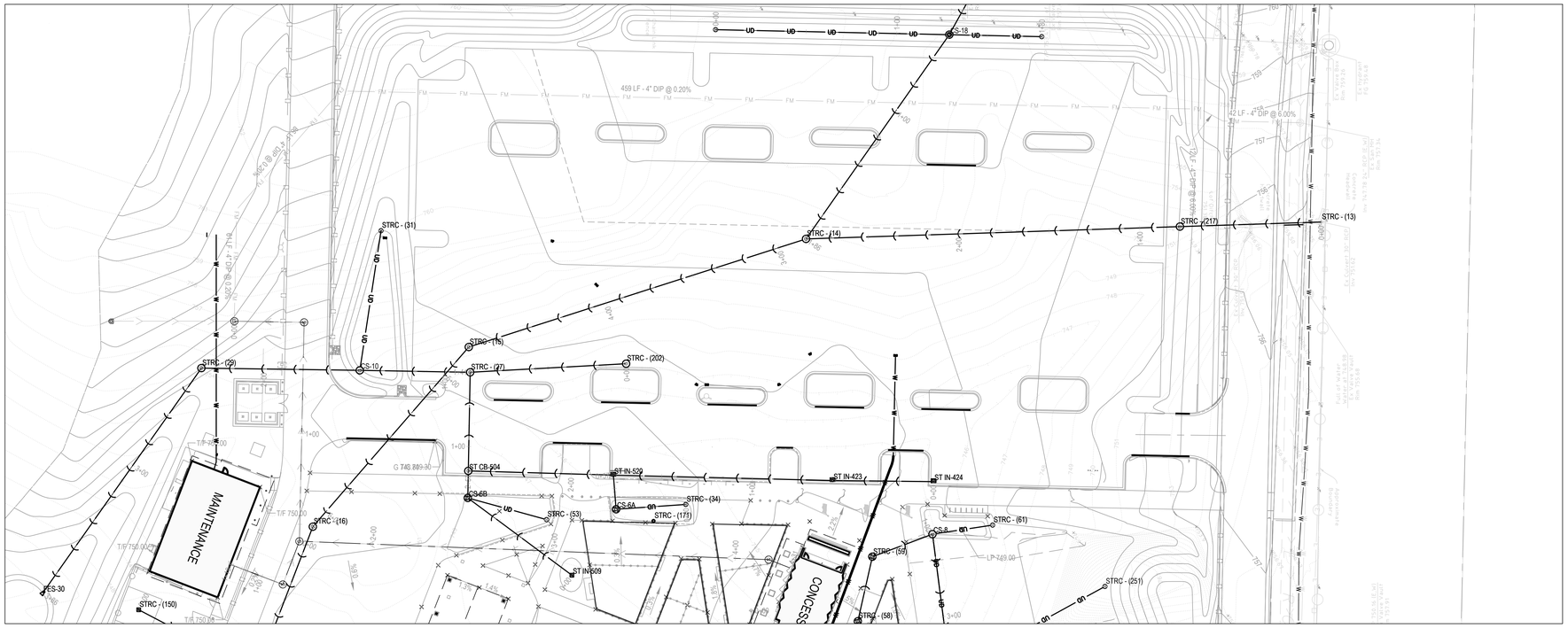
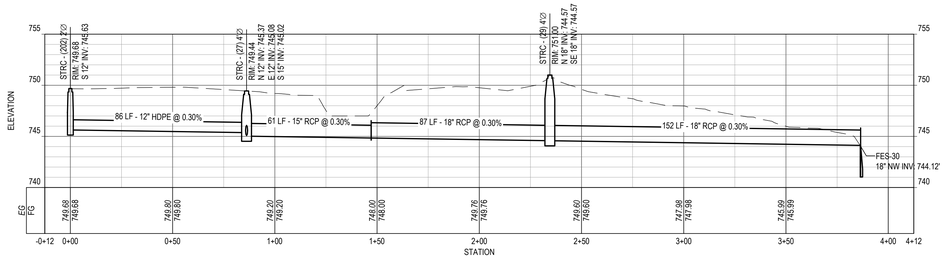
FILE: C:\Users\bpchulanov\SmithGroup Companies Inc\PRJ - 14106 - SmithGroup - CAD\05 Civil\14106-CU-200.dwg USER: bpchulanov DATE: May 06 2024 TIME: 01:38 pm



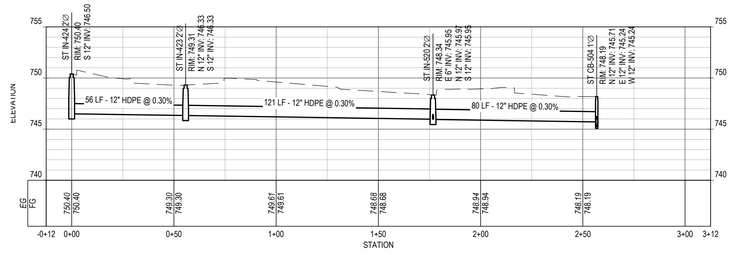
1 STORM

SCALE: 1" = 30'



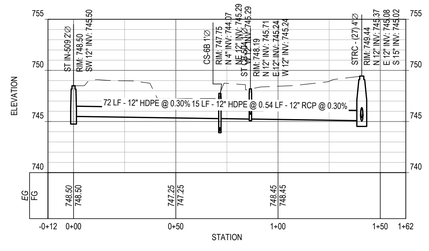
2 STORM PROFILE

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'



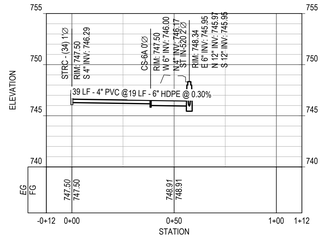
3 STORM PROFILE

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'



3 STORM PROFILE

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'



3 STORM PROFILE

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

SHEET NOTES

1. SEE SHEET G-101 FOR CITY OF ELGIN GENERAL NOTES.
2. SEE SHEET CU-212 FOR FOX RIVER WATER RECLAMATION DISTRICT (FRWRD) GENERAL NOTES.

KEYED NOTES

- A PROPOSED SHELTER PAVILLION
- B PROPOSED CONCESSIONS BUILDING
- C PROPOSED MAINTENANCE BUILDING
- D PROPOSED TRASH ENCLOSURE

LEGEND

ELGIN SPORTS COMPLEX EXPANSION

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ADDENDUM 4	2	05/06/2024
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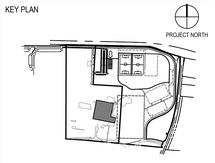
SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

KEY PLAN



DRAWING TITLE

STORM SEWER PLAN AND PROFILE

SCALE: 1" = 20'

SCALE 14106

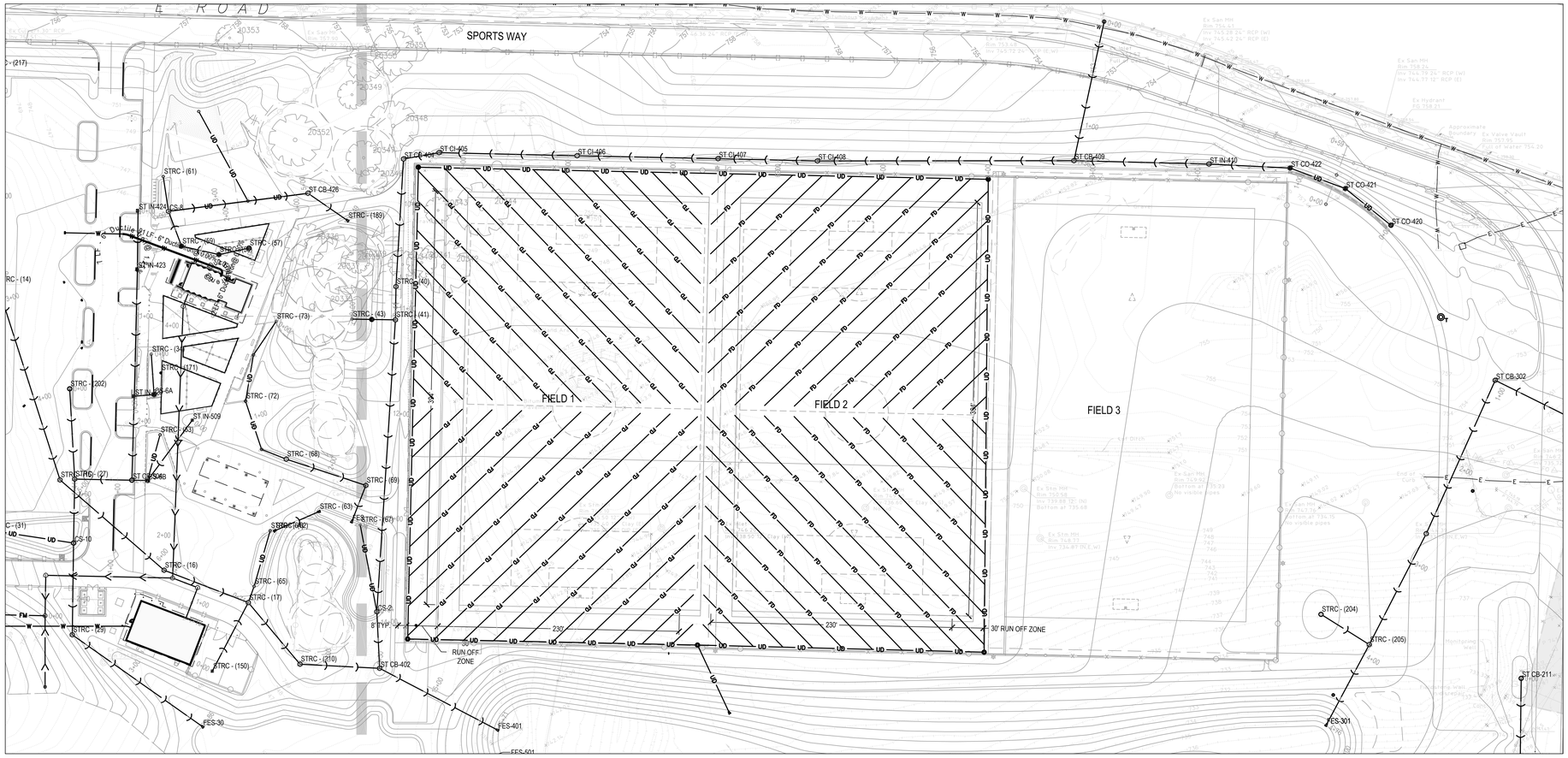
PROJECT NUMBER

CU-209

DRAWING NUMBER

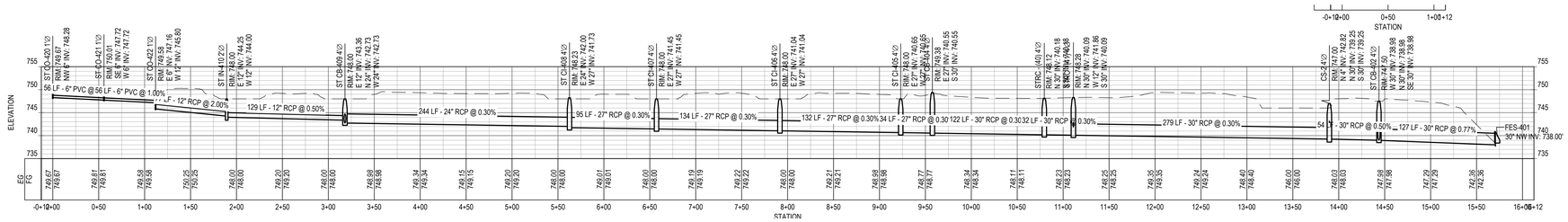
CALL J.U.L.I.E. 1-800-892-0123
48 Hours (2 working days) Before You Dig.

FILE: C:\Users\bachulenca\SmithGroup Companies Inc\PRJ – 14106 – SmithGroup\CAD\05 Civil\14106-C1-200.dwg USER: bachulenca DATE: May 06, 2024 TIME: 01:40 pm



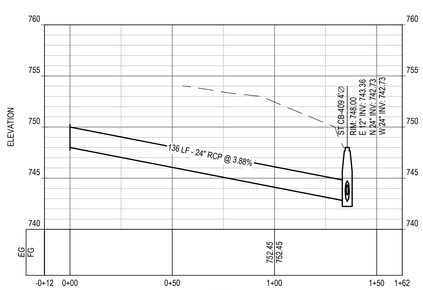
1 STORM

SCALE: 1" = 50'



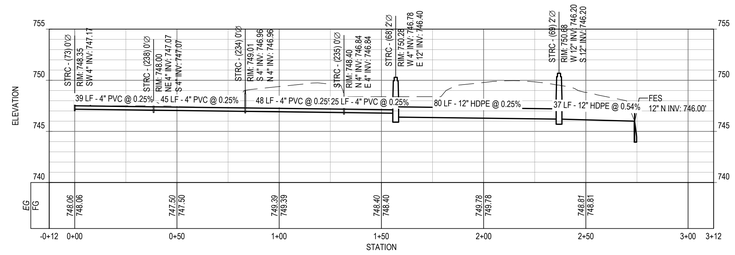
2 STORM PROFILE

HORIZ SCALE: 1" = 60'
VERT SCALE: 1" = 60'



3 STORM PROFILE

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'



4 STORM PROFILE

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

SHEET NOTES

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LEGEND

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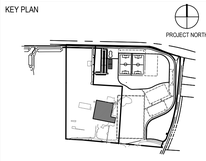
KEY PLAN



DRAWING TITLE

STORM SEWER PLAN AND PROFILE

SCALE: 1" = 20'

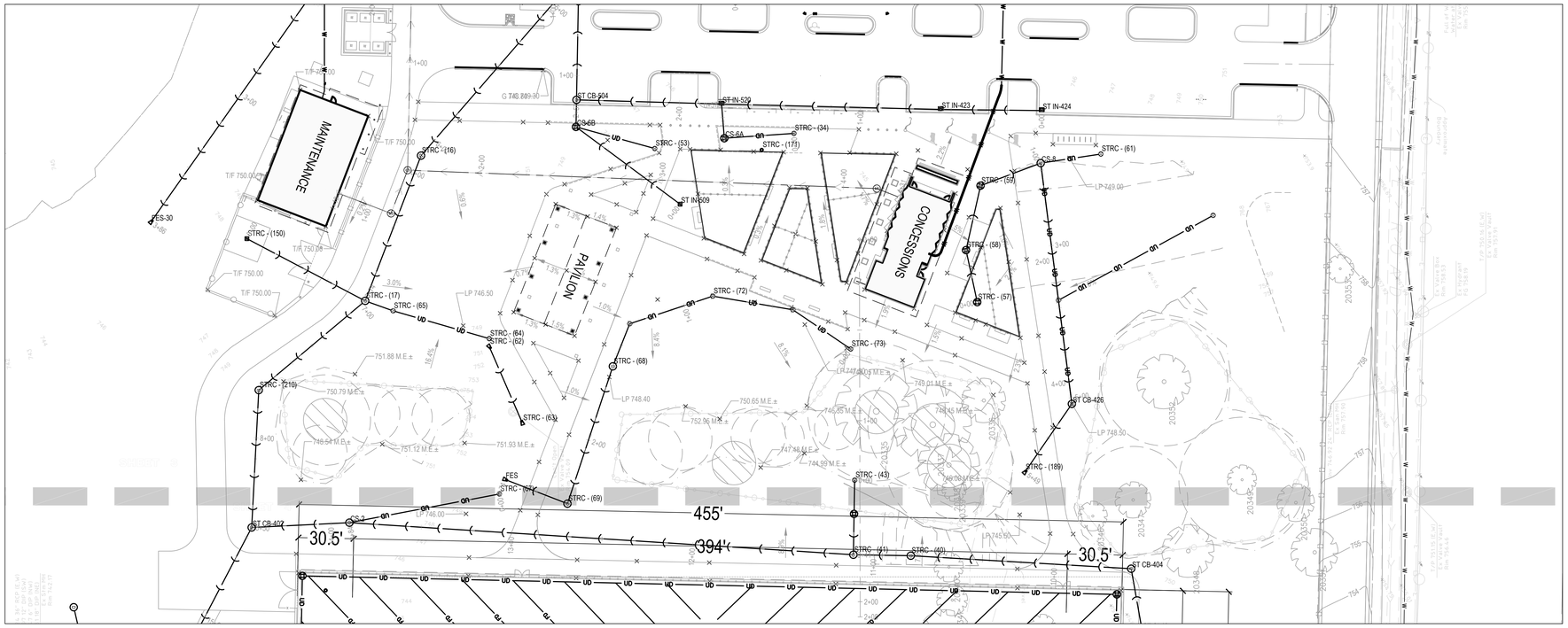
SCALE 14106

PROJECT NUMBER

CU-210

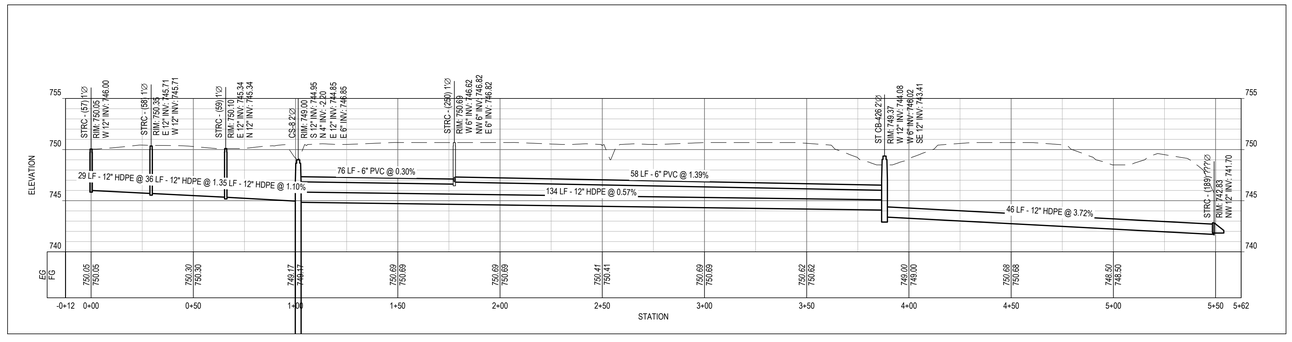
DRAWING NUMBER

FILE:C:\Users\brdbienco\SmithGroup Companies Inc\PRJ - 14106 - SmithGroup - SmithGroup\CAD\05 Civil\14106-CU-200.dwg USER:brdbienco DATE:May 06 2024 TIME: 03:41 pm



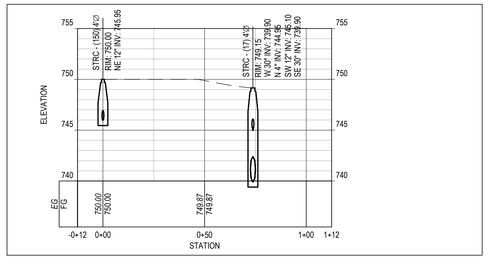
1 STORM

SCALE: 1" = 30'



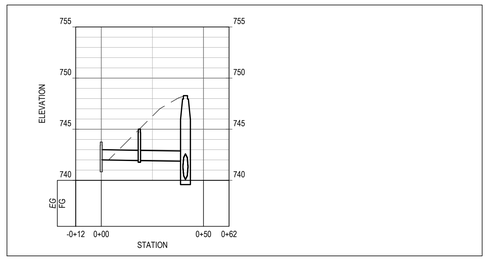
2 storm

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'



5 storm

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'



6 storm

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

SHEET NOTES

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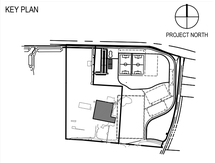
KEY PLAN



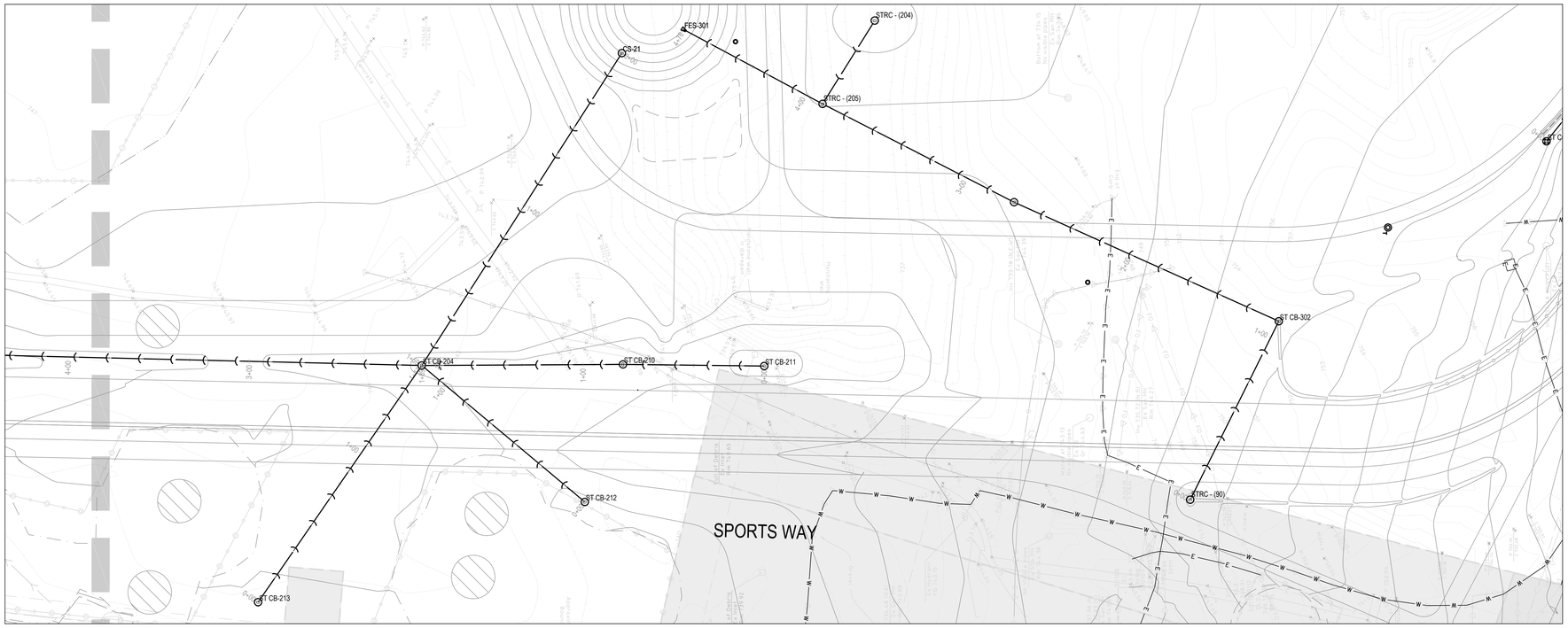
DRAWING TITLE
SANITARY SEWER PLAN AND PROFILE

SCALE: 1" = 20'

SCALE

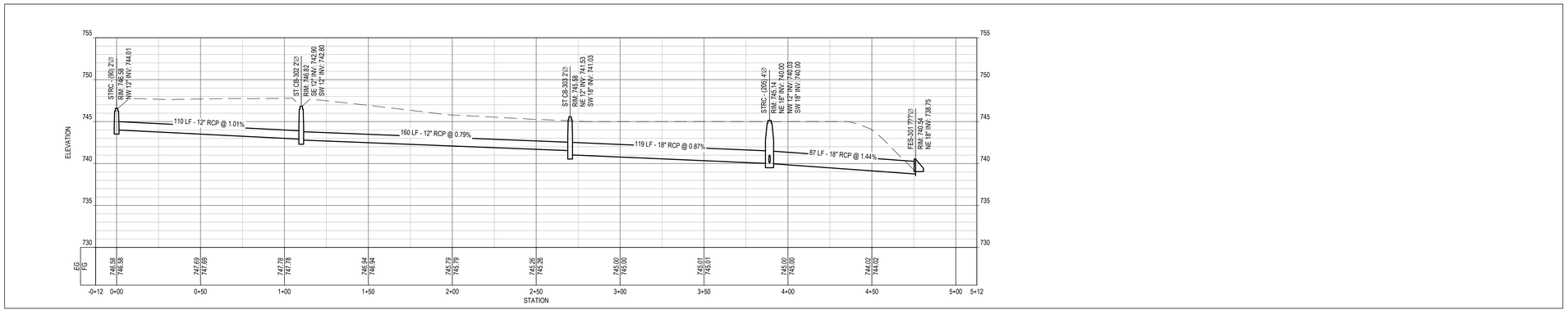
PROJECT NUMBER 14106

DRAWING NUMBER CU-211



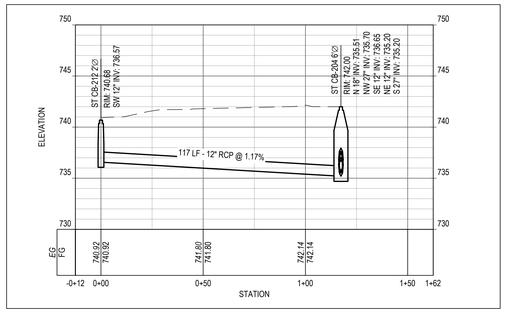
1 PLAN VIEW

SCALE: 1" = 30'



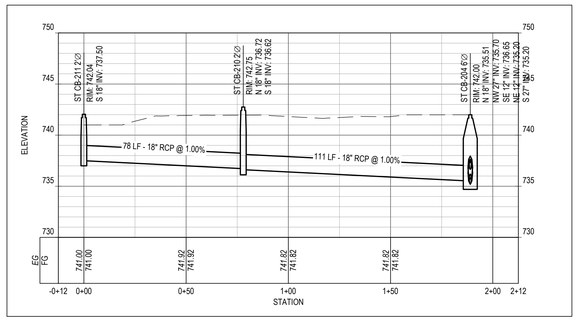
2 PROFILE VIEW - STRC 90 TO FES 301

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'



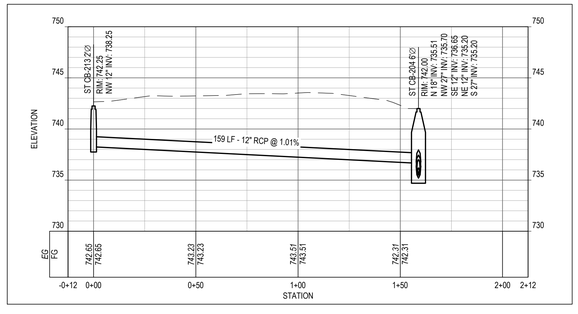
3 PROFILE VIEW - CB-212 TO CB-204

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'



4 PROFILE VIEW - CB-211 TO CB-204

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'



5 PROFILE VIEW - CB-213 TO CB-204

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

SHEET NOTES

1. SEE SHEET G-101 FOR CITY OF ELGIN GENERAL NOTES.
2. SEE SHEET CU-212 FOR FOX RIVER WATER RECLAMATION DISTRICT (FRWRD) GENERAL NOTES.

KEYED NOTES

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LEGEND

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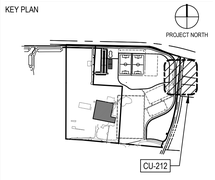
KEY PLAN



DRAWING TITLE

STORM SEWER PLAN AND PROFILE

SCALE: 1" = 30'

SCALE

PROJECT NUMBER 14106

DRAWING NUMBER CU-212

CALL J.U.L.I.E. 1-800-892-0123
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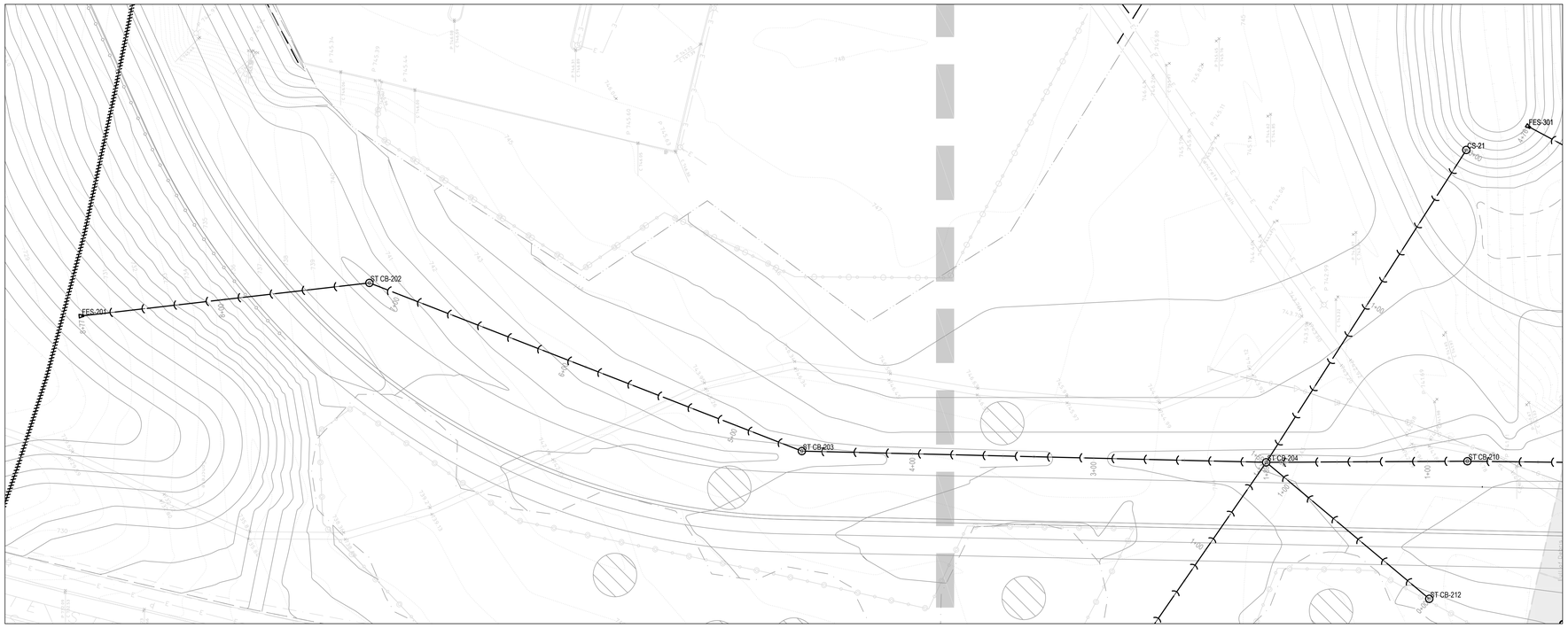
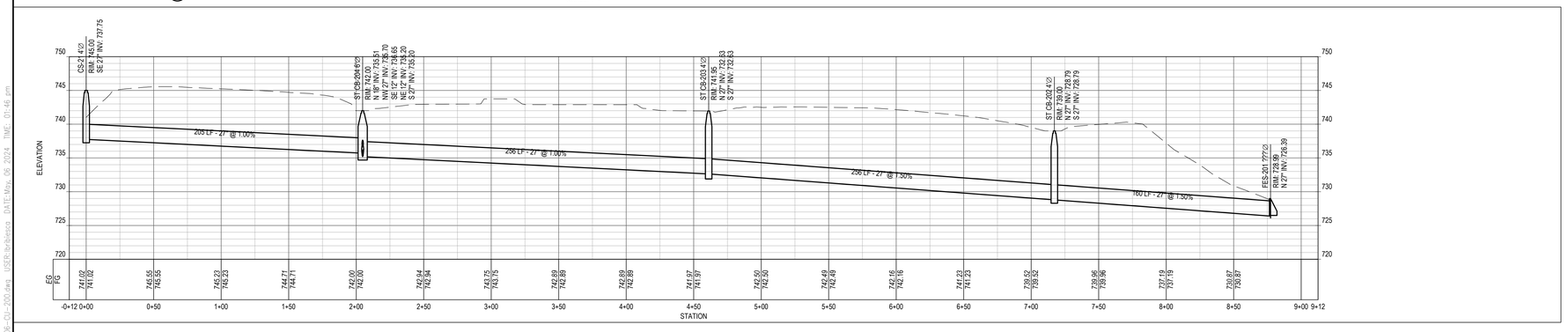
FILE: C:\Users\bachulenco\SmithGroup Companies Inc\PRJ - 14106 - SmithGroup\CAD\05 Civil\14106-C1-200.dwg USER: bachulenco DATE: May 06 2024 TIME: 01:44 pm



6 PROFILE VIEW

SCALE: 1" = 30'



7 PROFILE VIEW - STRC-254 TO FES-201

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

SHEET NOTES

1. SEE SHEET G-101 FOR CITY OF ELGIN GENERAL NOTES.
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KEYED NOTES

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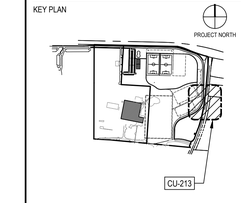


DRAWING TITLE

STORM SEWER PLAN AND PROFILE

0 15' 30' 60'
SCALE: 1" = 30'

SCALE

PROJECT NUMBER 14106

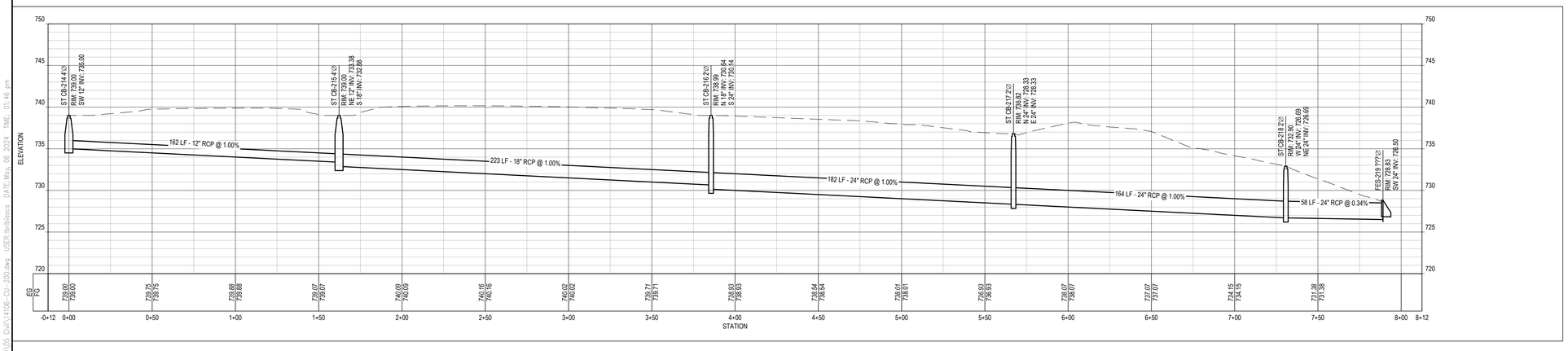
DRAWING NUMBER CU-213

CALL J.U.L.I.E. 1-800-892-0123
48 Hours (2 working days) Before You Dig.

FILE: C:\Users\bachuenco\SmithGroup Companies Inc\SRJ - 14106 - SmithGroup - CAD\05 Civil\14106-CU-200.dwg USER: bachuenco DATE: May 06, 2024 TIME: 01:46 pm

8 PLAN VIEW

SCALE: 1" = 30'



9 PROFILE VIEW - CB-214 TO FES-219

HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

SHEET NOTES

1. SEE SHEET G-101 FOR CITY OF ELGIN GENERAL NOTES.
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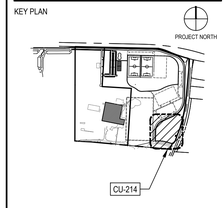


DRAWING TITLE

STORM SEWER PLAN AND PROFILE

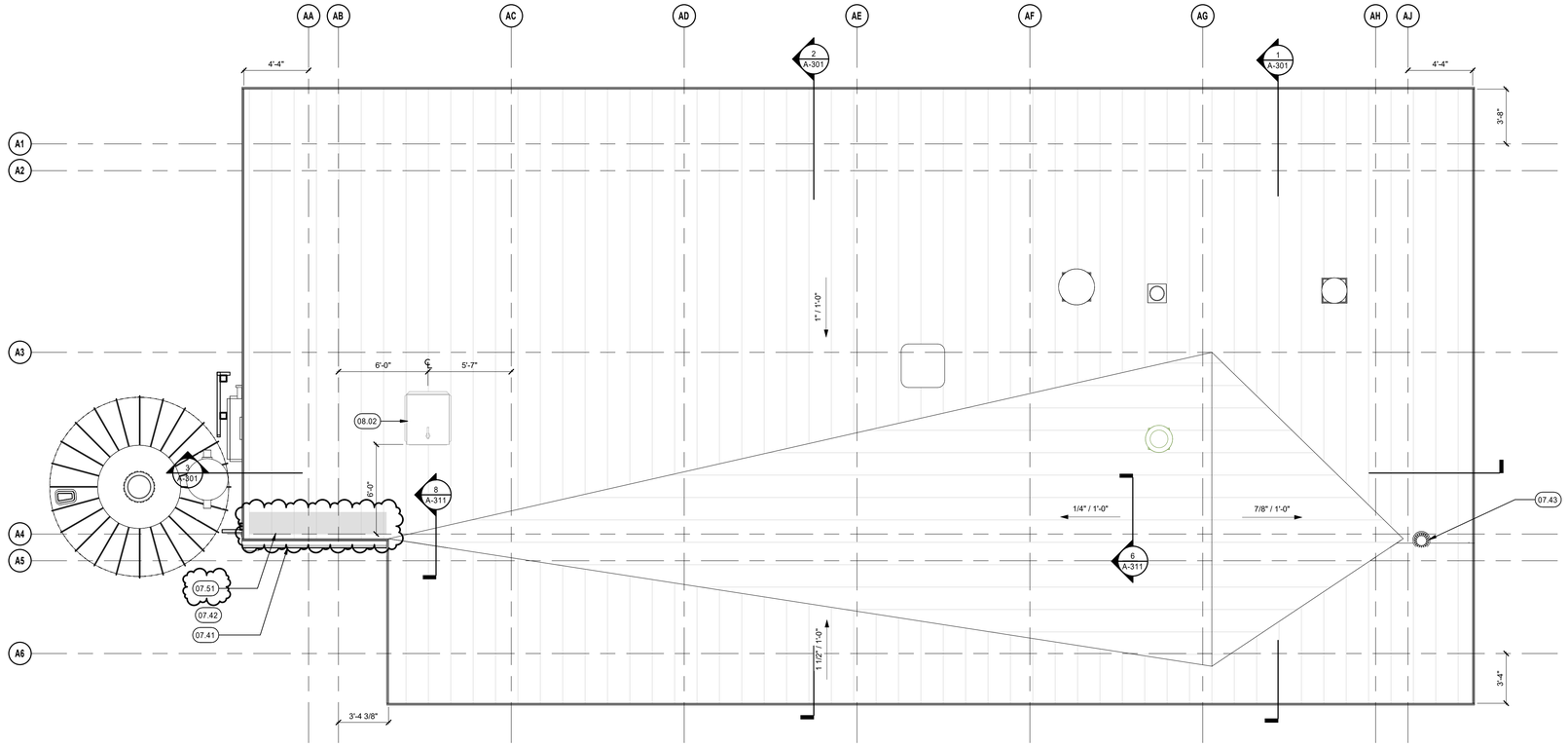
0 15' 30' 60'
SCALE: 1" = 30'

SCALE

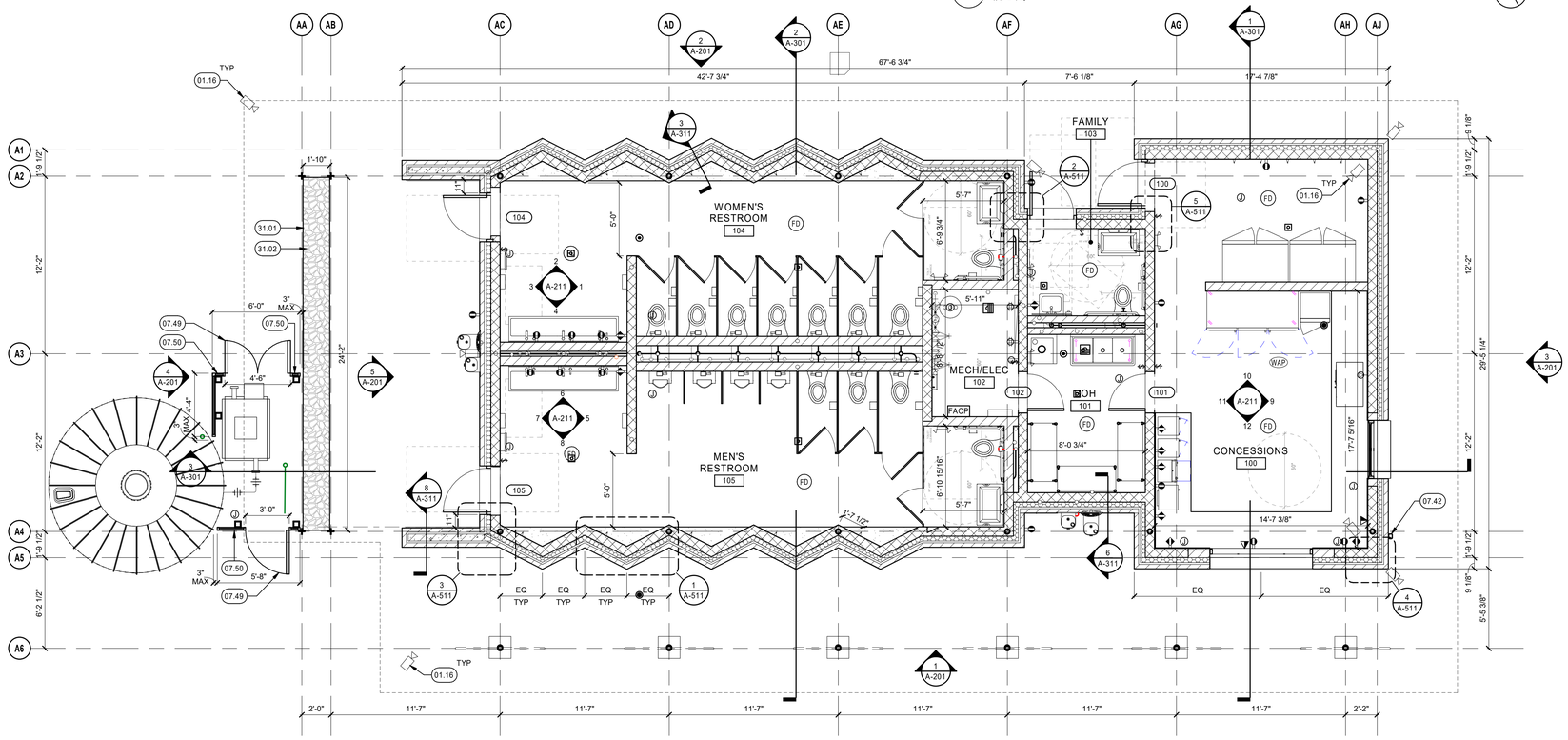
PROJECT NUMBER 14106

DRAWING NUMBER CU-214

FILE: C:\Users\bachulenco\SmithGroup Companies Inc\PRJ - 14106 - SmithGroup - SmithGroup\CAD\05. Civil\14106-CU-200.dwg USER: bachulenco DATE: May 06, 2024 TIME: 01:46 pm



2 ROOF PLAN - CONCESSIONS BUILDING
1/4" = 1'-0"



1 FLOOR PLAN - CONCESSIONS BUILDING
1/4" = 1'-0"

KEYNOTES

01.16 SEE MEP DRAWINGS FOR ALL SYSTEMS, ELECTRICAL, PLUMBING, AND SECURITY SCOPE.

07.41 (EMT-1) PREFINISHED ALUM GUTTER

07.42 (EMT-1) PREFINISHED ALUM DOWNSPOUT

07.43 ROOF DRAIN, COORD LOCATION WITH DOWNSPOUT AND IN-GROUND STORM DRAIN BELOW

07.49 LOCKABLE, STEEL-FRAMED GATE W/ PERFORATED CORRUGATED STAINLESS STEEL PANELING MATCHING ADJACENT ENCLOSURE FENCING (AS SPECIFIED, DIV 07 FORMED METAL WALL PANELS). SWING AND WIDTH AS INDICATED, PER PLANS. CONFIRM CLEARANCES REQUIRED FOR EQUIPMENT ACCESS PRIOR TO GATE AND FENCING FABRICATION.

07.50 STEEL-FRAMED EQUIPMENT ENCLOSURE FENCING WITH PERFORATED CORRUGATED STAINLESS STEEL PANELS (AS SPECIFIED, DIV 07 FORMED METAL WALL PANELS) CONTINUOUS FINISHED EDGE PROFILE ALL SIDES. SEE STRUCTURAL FOR POSTS AND FOUNDATIONS. PANEL HEIGHT TO ALIGN WITH ADJACENT CISTERN EAVE. (+/- 7'-2" VF). 3" (MAX) GAP AT PANEL SIDES, 4" GAP AT BOTTOM.

07.51 PROVIDE SNOW GUARDS (AS SPECIFIED, DIV 07) CONTINUOUS AT EDGE OF ROOF AS INDICATED

08.02 30" X 30" COMMERCIAL GRADE LOCKABLE ALUMINUM ROOF ACCESS HATCH (NYSTROM, OR EQ.)

31.01 GABION WALL (AS SPECIFIED, DIV 31), APPROXIMATE OVERALL DIMENSIONS AS INDICATED, VERIFY WITH ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO FABRICATION; SEE STRUCTURAL DRAWINGS FOR SUPPORTING COLUMNS AND FOUNDATIONS.

31.02 GABION FILL: CONTRACTOR TO SALVAGE UP TO 375 CF OF ON-SITE STONE, MASONRY, AND AGGREGATE MATERIALS ENCOUNTERED DURING EXCAVATION AND SITE PREPARATION. COORDINATE WITH SITEWORK. IN THE SMALLEST DIMENSION INDIVIDUAL PIECES SHALL BE NOT LESS THAN 1-1/2" LARGER THAN THE GABION MESH OPENINGS, AND IN THE LARGEST DIMENSION NOT GREATER THAN 2/3 THE THICKNESS OF THE GABION WALL. MATERIALS SHALL BE SORTED BY CLASSIFICATION, I.E. BRICK, NATURAL STONE, TILES, CONCRETE, METALS, ETC., AND STOCKPILED; CONTRACTOR SHALL CONSULT ARCHITECT FOR DIRECTION ON PLACEMENT OF MATERIALS IN THE GABION WALL.

SHEET NOTES

A. SEE G-SERIES SHEETS FOR GRAPHIC STANDARDS, TYPICAL.
B. ABBREVIATIONS, GENERAL NOTES, LIFE-SAFETY AND ACCESSIBILITY REQUIRMENTS.
C. SEE SHEET G-103 FOR CEILING-SPECIFIC GENERAL NOTES.
D. SEE SHEET G-103 FOR FINISH-SPECIFIC GENERAL NOTES.
E. SEE SHEET A-631 FOR MATERIAL, FINISH, AND FIXUTURE SCHEDULES.
F. SEE SHEET A-632 FOR EQUIPMENT INFORMATION.
G. SEE STRUCTURAL SHEETS FOR CONCRETE FOUNDATION. DIMENSIONS. CONCRETE DIMENSIONS SHOW ON ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY.
H. DIMENSIONS ARE TO FINISH FACE, U.N.O.
I. DOORS NOT DIMENSIONED ARE CENTERED IN THEIR WALL OR THEIR R.O. IS 3 3/8" FROM THE NEAREST WALL FRAMING (I.E. THE FINISH JAMB CASING IS PLACED AS FAR INTO THE CORNER AS POSSIBLE WHILE STILL REMAINING WHOLE).
J. JOISTS AND BEAMS AS SHOWN ARE IN FRAMING PLATFORM ABOVE, UNLESS NOTED OTHERWISE. SEE STRUCTURAL SHEETS FOR STRUCTURAL MEMBER SIZING.
K. ALL FURNITURE AND EQUIPMENT PROVIDED BY OWNER. SHOWN FOR LOCATION/SIZE REFERENCE ONLY.
L. EXTERIOR MATERIALS TO COMPLY WITH THE CITY OF ELGIN'S PLANNING AND ZONING REQUIREMENTS.

ELGIN SPORTS COMPLEX EXPANSION

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ISSUED FOR	REV	DATE
ADDENDUM 4	4	05/06/2024
ADDENDUM 3	3	05/02/2024
ISSUE FOR BID	1	04/11/2024

SEALS AND SIGNATURES

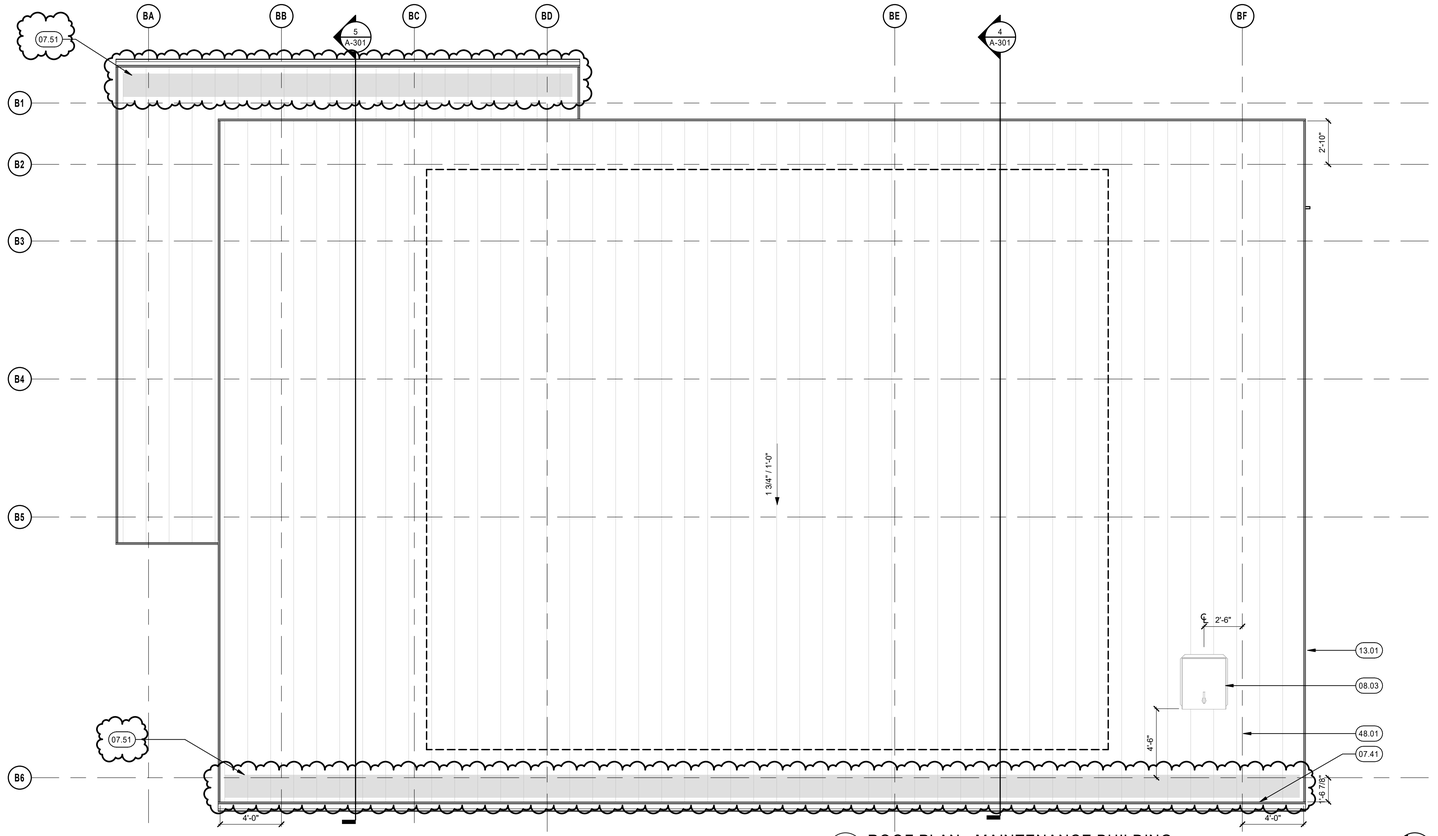
NOT FOR CONSTRUCTION

SHEET TITLE
CONSTRUCTION PLANS - CONCESSIONS

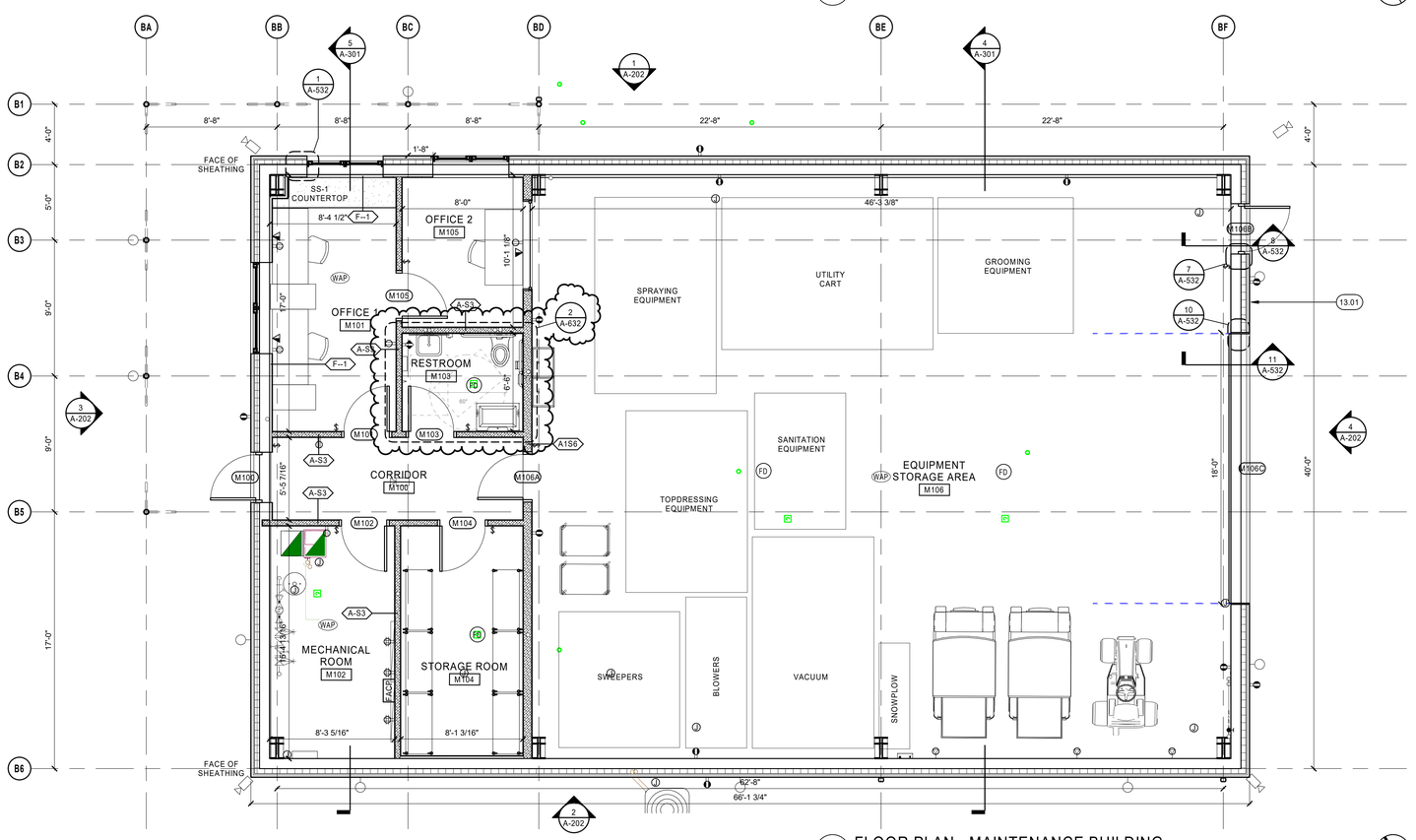
PROJECT NUMBER 2313-01

SHEET NUMBER A-101

Plot Date: 5/6/2024 3:00:07 PM



2 ROOF PLAN - MAINTENANCE BUILDING
1/4" = 1'-0"



1 FLOOR PLAN - MAINTENANCE BUILDING
1/4" = 1'-0"

KEYNOTES

07.41 SEAM - PREFINISHED ALUM GUTTER
07.51 PROVIDE SNOW GUARDS (AS SPECIFIED, DIV 07) CONTINUOUS AT EDGE OF ROOF AS INDICATED
08.03 36" x 30" LOUVER, 16 GAUGE, THERMALLY BROKEN, LOCKABLE ALUMINUM ROOF ACCESS HATCH (NYSTROM, THERMALMAX OR EQ.)
13.01 MAINTENANCE BUILDING ABOVE-GROUND STRUCTURE AND EXTERIOR ENCLOSURE, BY PREFABRICATOR, U.N.O.
48.01 AREA RESERVED FOR ROOF-MOUNTED PV ARRAY (BY OTHERS, NIC), NO OTHER ROOF MOUNTED EQUIPMENT OR PENETRATIONS IN THIS AREA

SHEET NOTES

A. SEE G-SERIES SHEETS FOR GRAPHIC STANDARDS, TYPICAL.
B. ABBREVIATIONS, GENERAL NOTES, LIFE-SAFETY AND ACCESSIBILITY REQUIRMENTS.
C. SEE SHEET G-103 FOR CEILING-SPECIFIC GENERAL NOTES.
D. SEE SHEET G-103 FOR FINISH-SPECIFIC GENERAL NOTES.
E. SEE SHEET A-631 FOR MATERIAL, FINISH, AND FIXUTURE SCHEDULES.
F. SEE SHEET A-632 FOR EQUIPMENT INFORMATION.
G. SEE STRUCTURAL SHEETS FOR CONCRETE FOUNDATION. DIMENSIONS. CONCRETE DIMENSIONS SHOW ON ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY.
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SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

SHEET TITLE
CONSTRUCTION PLANS - MAINTENANCE

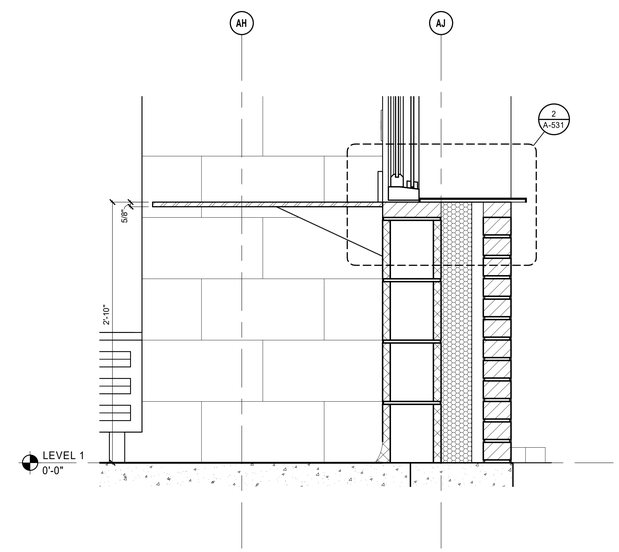
PROJECT NUMBER 2313-01

SHEET NUMBER A-111

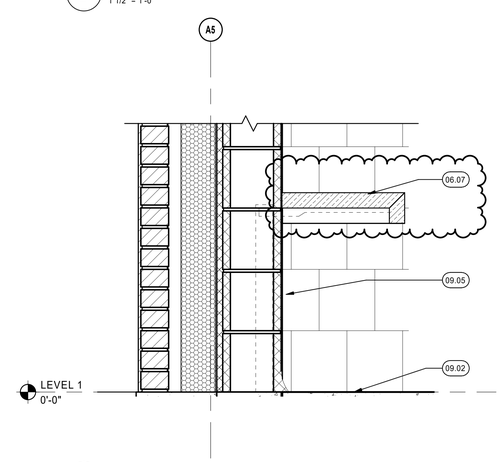
Plot Date: 5/6/2024 3:00:46 PM

GENERAL NOTES

1.01	REFER TO ACCESSIBILITY CODE AND TYPICAL MOUNTING HEIGHTS FOR INSTALLATION HEIGHTS AND LOCATIONS.
1.02	REFER TO [G-401] FOR TYPICAL MOUNTING HEIGHTS AND ACCESSIBILITY CLEARANCES AND NOTES.
1.03	COORDINATE ALL MILLWORK CLEARANCES WITH EQUIPMENT SIZES.
1.05	REFER TO ELEVATIONS FOR ALL FINISHES.
1.06	REFER TO ELEVATIONS FOR BACKSPLASH LOCATIONS AND SIZES.
1.07	PROVIDE SIDE SPLASH AT COUNTERS WITH SCHEDULED BACKSPLASHES.
1.08	REFER TO PLUMBING SCHEDULE [A631, P] FOR SINK AND FAUCET SPECIFICATIONS.
1.09	PROVIDE SCRIBE STRIPS AND INTERNAL CABINET DOOR STOPS AT CABINETS LOCATED AGAINST SIDE WALLS OR SIDE MILLWORK TO INSURE THAT CABINET HANDLE DOES NOT HIT AND DAMAGE ADJACENT WALL.
1.10	MILLWORK CABINET INTERIOR TO BE [WHITE] MELAMINE AT PLASTIC LAMINATE CABINETS IN PANTRIES AND STORAGE/ COPY / MAIL ROOMS.
1.11	MILLWORK CABINET INTERIOR TO BE [BLACK] MELAMINE AT WOOD VENEER CABINETS.
1.13	REFER TO ENLARGED DETAILS FOR COUNTERTOP AND BACKSPLASH CONSTRUCTION.
1.14	WHEN STACKING HOMOGENEOUS MATERIALS TO ACHIEVE A SPECIFIED THICKNESS, SEAM MUST NOT BE VISIBLE AND COLOR, PATTERN AND TEXTURE MUST MATCH BETWEEN COUNTERTOP AND VERTICAL EDGE.



2 CONCESSION COUNTER SECTION DETAIL
1 1/2" = 1'-0"



1 RESTROOM BUILT-IN BENCH SECTION DETAIL
1 1/2" = 1'-0"

KEYNOTES

06.07	SOLID SURFACE (SS-1) BENCH OVER METAL STIFFNER PLATE. PROVIDE CONCEALED BRACKETS AND IN-WALL BLOCKING AS REQUIRED.
09.02	FINISH FLOORING, SEE FINISH PLANS & FINISH SCHEDULE
09.05	INTERIOR WALL FINISH AS INDICATED, SEE FINISH SCHEDULE

SHEET NOTES

A. SEE G-SERIES SHEETS FOR GRAPHIC STANDARDS, TYPICAL ABBREVIATIONS, GENERAL NOTES, LIFE-SAFETY AND ACCESSIBILITY REQUIRMENTS.
B. SEE ARCHITECTURAL NARRATIVE / OUTLINE SPECIFICATIONS FOR SPECIFIED PRODUCTS AND MATERIALS.
C. SEE SHEET A631 FOR MATERIAL AND FINISH SCHEDULES.

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NOT FOR CONSTRUCTION

SHEET TITLE
FINISH & MILLWORK DETAILS

PROJECT NUMBER
2313-01

SHEET NUMBER
A-551

Plot Date: 5/6/2024 2:46:27 PM

REFLECTED CEILING LIGHTING SCHEDULE

TYPE MARK	MANUFACTURER	MODEL	DESCRIPTION	SIZE	INSTALLATION METHOD	INSTALLATION HEIGHT	LAMP	PERFORMANCE COLOR TEMP	PERFORMANCE LUMEN OUTPUT	PERFORMANCE OPTIC /DISTRIBUTION	PERFORMANCE DIMMING	FIXTURE FINISHES HOUSING/ TRIM	FIXTURE FINISHES LENS	FIXTURE FINISHES CORD/STEM	FIXTURE FINISHES SPECIALTY	WET/DAMP	INTEGRATED SENSOR	INTEGRAL AIR RETURN	OR EQUAL	CONTACT NAME	CONTACT EMAIL	CONTACT PHONE NUMBER	REMARKS
REF TO SHEET E701																							

NOTES:

LAMP TEMPERATURE: [MATCH EXISTING] [3500K]
TRIM: GC TO COORDINATE ALL RECESSED FIXTURE TRIMS WITH CEILING TYPE
BALLASTS: GC/ ELECTRICAL SUB TO COORDINATE ALL BALLASTS WITH SPECIFIED DIMMING AND/OR LIGHTING CONTROL SYSTEMS
MOUNTING: GC TO PROVIDE ADDITIONAL CEILING GRID TEES AND MAINS AS REQUIRED FOR LOCATION OF FIXTURE AS SHOWN IN PLANS
VOLTAGE: REFER TO ENGINEERING DOCUMENTS
CHICAGO PLENUM: ALL FIXTURES WHEN INSTALLED WITHIN THE CITY OF CHICAGO TO COMPLY WITH CHICAGO PLENUM REQUIREMENTS.
SUSPENDED FIXTURE INSTALLATION HEIGHT: INSTALLATION HEIGHT FOR SUSPENDED FIXTURES TO BE MEASURED TO [BOTTOM OF FIXTURE] UON

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	CEILING MATERIAL	CEILING FINISH	FLOOR MATERIAL	FLOOR FINISH	BASE MATERIAL	BASE FINISH	WALLS NORTH MATERIAL	WALLS NORTH FINISH	WALLS SOUTH MATERIAL	WALLS SOUTH FINISH	WALLS EAST MATERIAL	WALLS EAST FINISH	WALLS WEST MATERIAL	WALLS WEST FINISH	COMMENTS
CONCESSIONS																
100	CONCESSIONS	PER RCP	P-1	CONC	CONC-1	PER SCHEDULE	PER SCHEDULE	SGT-1	GLAZED	SGT-1	GLAZED	SGT-1	GLAZED	SGT-1	GLAZED	
101	BOH	PER RCP	P-1	CONC	CONC-2	PER SCHEDULE	PER SCHEDULE	SGT-1	GLAZED	SGT-1	GLAZED	SGT-1	GLAZED	SGT-1	GLAZED	
102	MECH/ELEC	PER RCP	P-1	CONC	CONC-2	PER SCHEDULE	PER SCHEDULE	SGT-1	EXPOSED	SGT-1	GLAZED	SGT-1	GLAZED	SGT-1	GLAZED	
103	FAMILY	PER RCP	P-1	CONC	CONC-1	PER SCHEDULE	PER SCHEDULE	SGT-1	GLAZED	SGT-1	GLAZED	SGT-1	GLAZED	SGT-1	GLAZED	
104	WOMEN'S RESTROOM	PER RCP	P-1	CONC	CONC-1	PER SCHEDULE	PER SCHEDULE	SGT-1	GLAZED	SGT-1	GLAZED	SGT-1	GLAZED	SGT-1	GLAZED	
105	MEN'S RESTROOM	PER RCP	P-1	CONC	CONC-1	PER SCHEDULE	PER SCHEDULE	SGT-1	GLAZED	SGT-1	GLAZED	SGT-1	GLAZED	SGT-1	GLAZED	
MAINTENANCE																
M100	CORRIDOR	PER RCP	P-1	CONC	CONC-2	B-1	PER SCHEDULE	GYP-1	P-1	SGT-1	P-1	GYP-1	P-1	GYP-1	P-1	
M101	OFFICE 1	PER RCP	P-1	CONC	CONC-2	B-1	PER SCHEDULE	GYP-1	P-1	GYP-1	P-1	GYP-1	P-1	GYP-1	P-1	
M102	MECHANICAL ROOM	PER RCP	P-1	CONC	CONC-2	B-1	PER SCHEDULE	GYP-1	P-1	EXPOSED	EXPOSED	GYP-1	P-1	EXPOSED	EXPOSED	
M103	RESTROOM	PER RCP	P-1	CONC	CONC-1	B-1	PER SCHEDULE	GYP-1	P-1	GYP-1	P-1	GYP-1	P-1	GYP-1	P-1	
M104	STORAGE ROOM	PER RCP	P-1	CONC	CONC-2	B-1	PER SCHEDULE	GYP-1	P-1	EXPOSED	EXPOSED	GYP-1	P-1	GYP-1	P-1	
M105	OFFICE 2	PER RCP	P-1	CONC	CONC-2	B-1	PER SCHEDULE	GYP-1	P-1	GYP-1	P-1	GYP-1	P-1	GYP-1	P-1	
M106	EQUIPMENT STORAGE AREA	PER RCP	EXPOSED	CONC	CONC-1	B-1	PER SCHEDULE	EXPOSED	EXPOSED	EXPOSED	EXPOSED	EXPOSED	EXPOSED	GYP-1	P-1	FRP PANELLING @ SERVICE SINK, SEE PLAN

MATERIAL AND FINISH SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL / SERIES	PRODUCT / CODE	COLOR / FINISH	COMMENTS
CONC-2	CAST-IN-PLACE CONCRETE					SURFACE DENSIFIER, SEALED FINISH
03 CONCRETE						
CONC-1	CAST-IN-PLACE CONCRETE					EPOXY FINISH
04 MASONRY						
CLAD-1	BRICK VENEER	GLEN-GERY			NAPA VALLEY SMOOTH IRONSPOT	-
CLAD-2	GLAZED TILE RAINSCREEN	ELGIN BUTLER		4W SERIES	SPICY WHITE	
SGT-1	STRUCTRAL GLAZED TILE	ELGIN BUTLER		4W SERIES	SPICY WHITE	PROVIDE COVE BASES, BULLNOSE CORNER SHAPES AT ALL LOCATIONS
05 METALS						
EMT-1	BRAKE METAL, FLASHING, AND TRIM	LINETEC			BLACK ANO-305 AE	REFER TO DRAWINGS FOR PROFILE AND DIMENSIONS
EMT-5	ROOF ACCESSS HATCH	NYSTROM				
MT-1	STAINLESS STEEL	-	-			COMMERCIAL STAINLESS STEEL COUNTER
STL-1	STRUCTURAL STEEL, SEE STRUCTURAL					-
06 WOODS, PLASTICS, COMPOSITES						
CLAD-3	FIBERCEMENT RAINSCREEN CLADDING	EQUITONE	NATURA		N074	
CLAD-4	FIBERCEMENT RAINSCREEN CLADDING	EQUITONE	NATURA		N559	
CLAD-5	FIBERCEMENT RAINSCREEN CLADDING	EQUITONE	LUNARA		LA60	
EWD-4	3" WOOD SOFFIT	MONTANA TIMBER PRODUCTS	TONGUE AND GROOVE/ 6"		YELLOWSTONE / WIREBRUSHED	CONCEALED FASTENERS
EWD-5	PLYWOOD SHEATHING	COLUMBIA FOREST	PUREBOND			
EWD-7	OSB ROOF SHEATHING W/ INTEGRATED WRB	HUBER ENGINEERED WOODS	ZIP SYSTEM SHEATHING	TBD		SPECIFIED THICKNESS IS AVAILABLE IN RED/BROWN ZIP PANELS ONLY
PL-2	TOILET PARTITIONS	BRADLEY CORPORATION	EURO STYLE RESTROOM PARTITIONS	PHENOLIC LT - FLOAT SERIES	MANHATTEN 12204	
SS-1	SOLID SURFACE	CORIAN	SOLID SURFACE		SUEDE	PROVIDE EASED EDGE
07 THERMAL AND MOISTURE PROTECTION						
GYP-1	GYPSUM BOARD	-				-
INSUL-1	EXTRUDED POLYSTYRENE INSULATION					-
INSUL-2	RIGID INSULATION, POLYISOCYANURATE					-
INSUL-3	MINERAL WOOL BATT INSULATION	ROCKWOOL	COMFORTBATT			WALL AND ROOF CAVITIES WHERE INDICATED; R-23 AT WALLS, R=35 (MIN) AT ROOFS; ACOUSTICT BATT WHERE INDICATED
INSUL-4	CLOSED CELL SPRAY FOAM INSULATION	NATURAL POLYMERS, OR EQ.	ULTRA-PURE, OR EQ.			LOW-GWP HFO BLOWING AGENT; PROVIDE THICKNESS REQUIRED FOR CONTINUOUS AIR BARRIER
INSUL-5	RIGID INSULATION, THERMOSET PHENOLIC CORE	KINGSPAN, OR EQ.				INTEGRAL INSULATION AT INSULATED WALL AND ROOF PANELS, AS SCHEDULED
MP-1	INSULATED METAL PANEL	KINGSPAN, OR EQ.	KARRIER, OR EQ.	4" CORE (INSUL-5)	(KINGSPAN) GRIZZLE GRAY - REVIEW COLOR SAMPLES W/ ARCHITECT PRIOR TO FABRICATION	BY PREFABRICATOR; PROVIDE R-30 (MIN) THERMAL PERFORMANCE
MP-2	INSULATED METAL PANEL	KINGSPAN, OR EQ.	KARRIER, OR EQ., VERTICAL FLAT RAIL	4" CORE (INSUL-5)	(KINGSPAN) GRIZZLE GRAY - REVIEW COLOR SAMPLES W/ ARCHITECT PRIOR TO FABRICATION	BY PREFABRICATOR; PROVIDE R-30 (MIN) THERMAL PERFORMANCE
RF-1	STANDING SEAM METAL ROOFING	AEP SPAN			MATCH (KINGSPAN) PEPPERCORN - REVIEW COLOR SAMPLES W/ ARCHITECT PRIOR TO FABRICATION	PRODUCT MUST BE ALLOWED BY MANUFACTURER TO BE INSTALLED ON PITCHES AS LOW AS 1/4":12" FOR INSTALLATION AT LOW-SLOPE LOCATIONS, INCLUDING DRAINAGE CRICKETS WHERE INDICATED
RF-2	STANDING SEAM METAL ROOFING	TBD			MATCH (KINGSPAN) PEPPERCORN - REVIEW COLOR SAMPLES W/ ARCHITECT PRIOR TO FABRICATION	BY PREFABRICATOR; MUST BE ALLOWED BY MANUFACTURER TO BE INSTALLED ON PITCHES AS LOW AS 1":12"
RF-3	STANDING SEAM INSULATED PANEL ROOFING	KINGSPAN, OR EQ.	KINGSEAM, OR EQ.	6" CORE (INSUL-5)	(KINGSPAN) PEPPERCORN - REVIEW COLOR SAMPLES W/ ARCHITECT PRIOR TO FABRICATION	BY PREFABRICATOR; PROVIDE R-46 (MIN) THERMAL PERFORMANCE
UL-1	ROOFING UNDERLAYMENT	AEP SPAN	UNDERLAYMENT HT			
09 FINISHES						
B-1	WALL BASE	ROPPE	CONTOURS PROFILED WALL BASE SYSTEM	PV4060	BLACK	4 1/4" HEIGHT
T-1	PORCELAIN TILE	MILE STONE	AREA 51	11104033	WHITE	40" WAINSCOT AT MAINTENANCE RESTROOM

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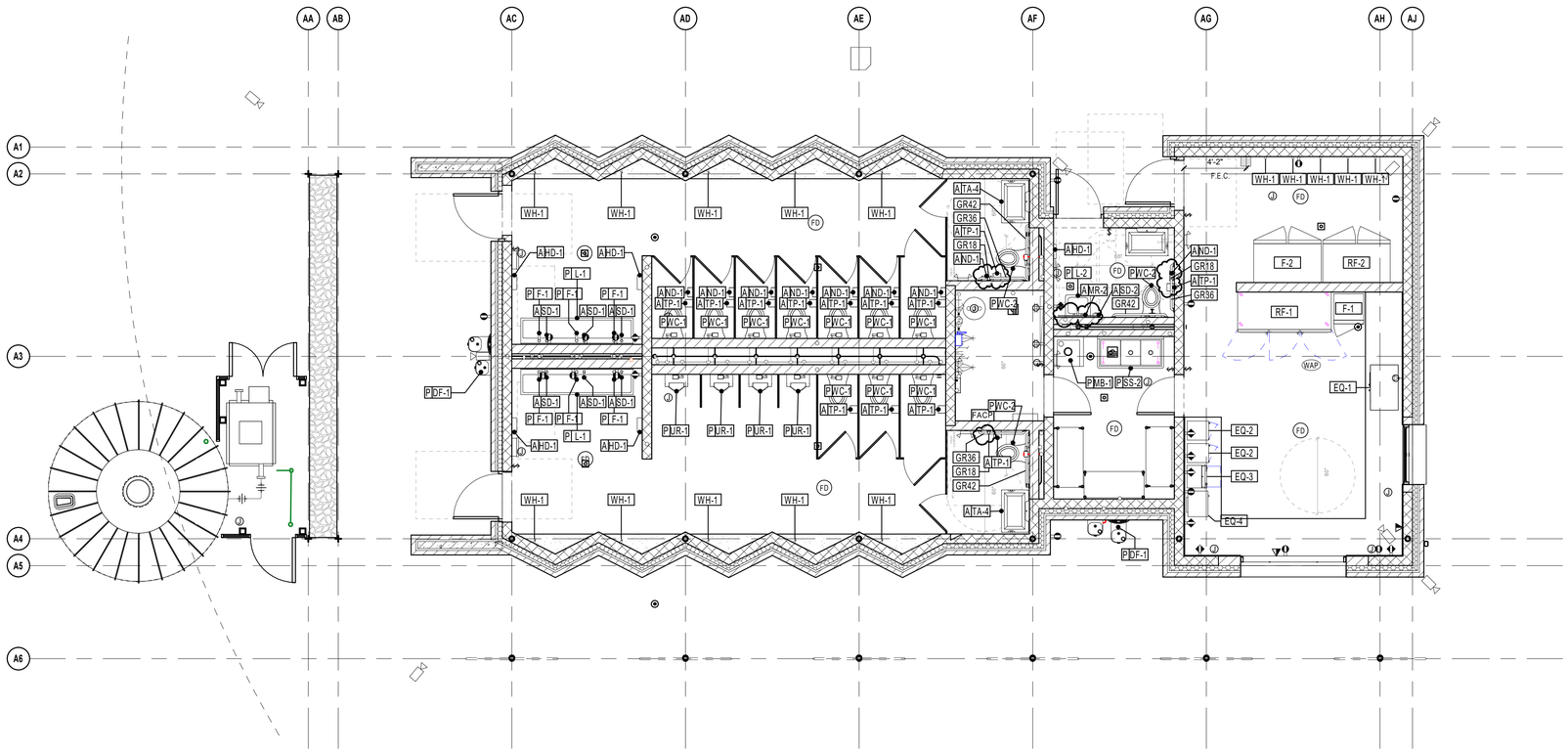
SHEET TITLE
MATERIAL, FINISH, & FIXTURE SCHEDULES

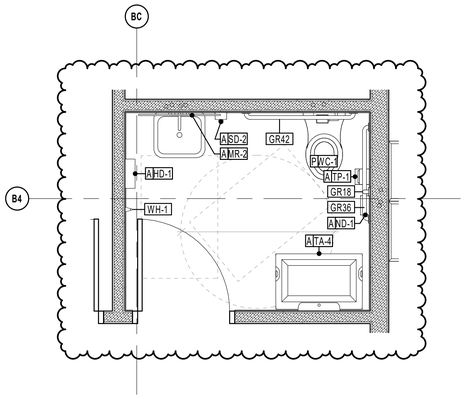
PROJECT NUMBER 2313-01

SHEET NUMBER A-631

Plot Date: 5/6/2024 2:58:48 PM



1 EQUIPMENT PLAN - CONCESSIONS BUILDING
1/4" = 1'-0"



2 EQUIPMENT PLAN - MAINTENANCE RESTROOM
1/2" = 1'-0"

EQUIPMENT SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL	SERIES	FINISH	ELECTRICAL	PLUMBING	FURNISH	INSTALL	MOUNTING	LOCATION	COMMENTS
CONCESSION EQUIPMENT												
EQ-1	POPCORN MAKER					Yes	No	OWNER	OWNER		CONCESSIONS	
EQ-2	PRETZEL WARMER	NEMCO	6403			Yes	No	OWNER	OWNER		CONCESSIONS	
EQ-3	HOT DOG STEAMERS	STAR MANUFACTURING	70SSA			Yes	No	OWNER	OWNER		CONCESSIONS	
EQ-4	MICROWAVE OVEN	Vollrath	40830			Yes	No	OWNER	OWNER		CONCESSIONS	
F-1	MERCHANDISE FREEZER					Yes	No	OWNER	OWNER		CONCESSIONS	
F-2	REACH-IN FREEZER					Yes	No	OWNER	OWNER		CONCESSIONS	
RF-1	MERCHANDISE REFRIGERATOR	Victory	LSF72-5-G			Yes	No	OWNER	OWNER		CONCESSIONS	
RF-2	REACH-IN REFRIGERATOR					Yes	No	OWNER	OWNER		CONCESSIONS	
TOILET ACCESSORIES												
GR18	GRAB BAR 18"					No	No	GC	GC	SURFACE MOUNTED	RESTROOMS	
GR36	GRAB BAR 36"					No	No	GC	GC	SURFACE MOUNTED	RESTROOMS	
GR42	GRAB BAR 42"					No	No	GC	GC	SURFACE MOUNTED	RESTROOMS	
HD-1	HANDDRYER	Bradley Corporation	2102-2475			Yes	No	GC	GC	<varies>	RESTROOMS	
MR-2	WALL MOUNTED MIRROR	Bradley Corporation				No	No	GC	GC	SURFACE MOUNTED	RESTROOMS	
UR-1	SANITARY WARE DISPENSER				Vandal	No	No	GC	GC	<varies>	RESTROOMS	
SD-1	Touchless Deck Mounted Soap Dispenser -Verge Metro Series 6-3300, Paired with Metro Series S53-3300 Faucet		Verge Metro Series 6-33000			Yes	No	GC	GC	SURFACE MOUNTED	RESTROOMS	Touchless Deck Mounted Soap Dispenser -Verge Metro Series 6-3300, Paired with Metro Series S53-3300 Faucet
SD-2	SOAP DISPENSER	American Specialties Inc.	0347 GoJo ADX-12, or equal			No	No	GC	GC	SURFACE MOUNTED	RESTROOMS	Soap Dispenser - Surface Mount - Push Button Valve
TA-4	BABY CHANGING STATION	FOUNDATIONS	T9FB2311699			No	No	GC	GC	SURFACE MOUNTED	RESTROOMS	
TP-1	TOILET PAPER DISPENSER							OWNER	GC	<varies>	RESTROOMS	
WH-1	Robe hook	KOHLER Co.	K-24757-CP			No	No	GC	GC	SURFACE MOUNTED	CONCESSIONS/ RESTROOMS	

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL	SERIES	COMMENTS	ELECTRICAL	PLUMBING	FURNISH	INSTALL	MOUNTING	LOCATION	REMARKS
PLUMBING FIXTURE												
DF-1	DRINKING FOUNTAIN AND WATER BOTTLE FILLER	HALSEY TAYLOR	HTHB-HRFSEBP-1				Yes	GC	GC	WALL HUNG	CONCESSIONS	
F-1			Verge Metro Series S53-3300				Yes	GC	GC	SURFACE MOUNTED	CONCESSIONS	
FD	FLOOR DRAIN						Yes	GC	GC	FLOOR		
L-1	Verge™ Wash Basin System – LVA Series, Three Station	Bradley Corporation	LVAD3				Yes	GC	GC	WALL HUNG		
L-2	LAVATORY; WALL HUNG, ADA	KOHLER	K-2045				Yes	GC	GC	WALL HUNG		
MB-1	MOP BASIN	FIAT	MSB2424				Yes	GC	GC	FLOOR	CONCESSIONS	
SS-1	SINK - STAINLESS STEEL DOUBLE COMPARTMENT	ELKAY	E2C16X20-0X	LK94TS08T6H			Yes	GC	GC	FLOOR	MAINTENANCE	
SS-2	18 GAUGE STAINLESS STEEL THREE COMPARTMENT SINK	ELKAY	3C12X16-0X	LK940TS08T6H			Yes	GC	GC	FLOOR		
UR-1	Stanwell™ Lite urinal with rear spud	Kohler	K-4972-ER				Yes	GC	GC	WALL HUNG		
WC-1	TOILET	KOHLER	K-4325		<varies>		Yes	GC	GC	WALL HUNG	CONCESSIONS	
WC-2	TOILET	KOHLER	K-4325		<varies>		Yes	GC	GC	WALL HUNG	CONCESSIONS	

KEYNOTES

ELGIN SPORTS COMPLEX EXPANSION

475 SPORTS WAY
ELGIN, ILLINOIS 60123

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ISSUED FOR	REV	DATE
ADDENDUM 4	4	05/06/2024
ISSUE FOR BID	1	04/11/2024

SEALS AND SIGNATURES

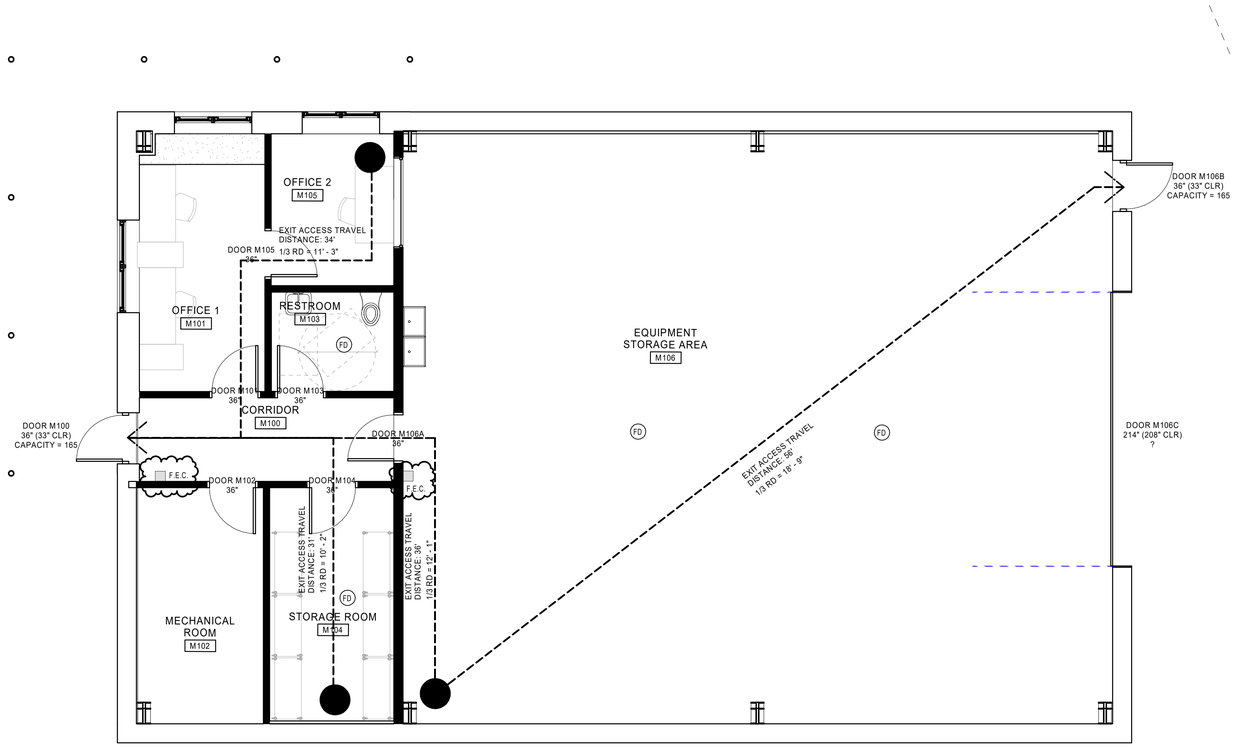
NOT FOR CONSTRUCTION

SHEET TITLE
EQUIPMENT PLAN AND SCHEDULE

PROJECT NUMBER
2313-01

SHEET NUMBER
A-632

Plot Date: 5/6/2024 2:48:16 PM



1 EGRESS PLAN - MAINTENANCE BUILDING
1/4" = 1'-0"

EGRESS DESIGN APPROACH

475 SPORTS WAY IS AN UNSPRINKLERED BUILDING WITH AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM.

MAX. COMMON PATH OF TRAVEL (PER TABLE 1006.2.1):
STORAGE = 100 FT

MAX. DEAD-END (PER 1020.5):
STORAGE = 20 FT

MAX. TRAVEL DISTANCE (PER TABLE 1017.2):
STORAGE = 300 FT

EGRESS ELEMENT CAPACITY IBC

	DOOR ID	ROOM	DOOR WIDTH	CAPACITY FACTOR	OCCUPANT LOAD SERVED
EXIT DOORS (VERTICAL EXITS)	M100	CORRIDOR	33"	0.2	165
	M106B	EQUIPMENT STORAGE AREA	33"	0.2	165
	GRAND TOTAL				330
	ALLOWED EGRESS PER DOOR OCCUPANTS CAPACITY				

	STAIR ID	STAIR WIDTH	CAPACITY FACTOR	OCCUPANT LOAD SERVED
EXIT STAIRS				
	ALLOWED EGRESS PER STAIR OCCUPANTS CAPACITY			

CALCULATED LOAD (53P) AND ACTUAL LOAD (XXXP) ARE LESS THAN MAX ALLOWED CAPACITY BY STAIRS AND DOORS AT (330P)

EGRESS PLAN LEGEND

- PATH OF TRAVEL
- REMOTENESS
- BEGINING OR END POINT OF EGRESS TRAVEL
- POINT AT WHICH A CHOICE OF 2 EXITS BECOMES AVAILABLE
- NEW CONSTRUCTION
- EXISTING CONSTRUCTION
- FEC — FIRE EXTINGUISHER CABINET
- FE — FIRE EXTINGUISHER

GENERAL NOTES

1.01 WORK IS TO BE IN ACCORDANCE WITH THE FOLLOWING BUILDING CODES: [2015 INTERNATIONAL BUILDING CODE] 2009 - A117.1 AMERICAN NATIONAL STANDARDS INSTITUTE [2018 STATE OF ILLINOIS ACCESSIBILITY CODE,] 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN[2012 NFPA 101]

1.02 WOOD BLOCKING AND FRAMING IS FIRE RETARDANT TREATED WOOD.

1.03 DOORS THAT LEAD TO REQUIRED EXITS ARE OPERABLE ON THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.

1.04 REFER TO THE MECHANICAL ENGINEERING DRAWINGS FOR VENTILATION SCHEDULE.

1.05 REFER TO THE ENGINEERING DRAWINGS FOR FIRE EXTINGUISHER INFORMATION AND LOCATIONS.

1.06 REFER TO ELECTRICAL ENGINEERING DRAWINGS FOR EXIT SIGN, EMERGENCY LIGHTING AND VISUAL ALARM SIGNAL APPLIANCE (VASA) INFORMATION AND LOCATIONS.

1.08 NEW EXIT SIGNS, EXIT LIGHTING AND VISUAL ALARM SIGNAL APPLIANCES ARE ON BASE BUILDING EMERGENCY LIGHTING CIRCUIT PROVIDING EMERGENCY GENERATOR POWERED ELECTRICAL BACK-UP ASSURING CONTINUED ILLUMINATION

1.09 ALL GLAZED DOORS AND ANY GLAZED PANEL MORE THAN EIGHTEEN INCHES IN WIDTH IMMEDIATELY ADJACENT TO ANY DOOR WHEREIN THE SILL OF SUCH GLAZED PANEL IS LESS THAN 24 INCHES ABOVE THE FLOOR SHALL BE CONSIDERED HAZARDOUS LOCATIONS AND SHALL BE GLAZED WITH SAFETY GLAZING MATERIALS. GLAZED DOORS SHALL INCLUDE AMONG OTHERS, THE FOLLOWING: SLIDING GLASS DOORS, STORM DOORS, SHOWER DOORS AND BATHTUB ENCLOSURES.

1.12 APPLY ALL INTERIOR WALL AND CEILING FINISHES TO A NONCOMBUSTIBLE BASE OR TO FURRING OR NAILING STRIPS NOT EXCEEDING ONE AND THREE QUARTER INCHES IN NOMINAL THICKNESS APPLIED OVER A NONCOMBUSTIBLE BASE WITH ALL SPACES BEHIND THE MATERIAL FILLED WITH NONCOMBUSTIBLE MATERIAL OR FIRESTOPPED AT INTERVALS NOT EXCEEDING EIGHT SQUARE FEET IN AREA. [PER IBC SECTION 803.15.1.]

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ADDENDUM 4	*4*	*05/06/2024*
ISSUE FOR BID	*1*	*04/11/2024*

SEALS AND SIGNATURES

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SHEET TITLE
CODE AND LIFE SAFETY PLAN - MAINTENANCE

PROJECT NUMBER
2313-01

SHEET NUMBER
G-302

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