



Agenda
Village of Glen Ellyn
Architectural Appearance Commission Meeting
Thursday, December 5, 2024
7:00 PM
Glen Ellyn Civic Center, Galligan Board Room

Visitors are most welcome to attend all public meetings and can find copies of the Agenda online at www.glenellyn.org prior to the meeting. Any individual with a disability requiring reasonable accommodation in order to participate in a meeting should contact the Village of Glen Ellyn ADA Coordinator, 630-469-5000, at least five (5) business days in advance of the next scheduled meeting.

- A. Call to Order**
- B. Old Business**
- C. New Business**
 - 1) 551 Crescent Boulevard: Exterior Appearance Review for the new Metra Station in the CR Zoning District.
- D. Chairman's Report**
- E. Trustee Liaison's Report**
- F. Staff Report**



Glen Ellyn
535 Duane Street
Glen Ellyn, IL
60137

Meeting 12/5/2024 7:00 PM
Department: Community Development
Department Head: Jennifer Henaghan
Category: Commission Recommendation
Prepared By: Daniel Harper

AGENDA ITEM
(ID # 2024-820)

DOC ID: 2024-820

551 Crescent Boulevard: Exterior Appearance Review for the new Metra Station in the CR Zoning District.

Statement of the Issue:

The petitioner, the Village of Glen Ellyn, is requesting approval of the exterior appearance of the proposed design of the Glen Ellyn Metra Station and Multimodal Improvement Project.

Analysis:

The petitioner is requesting approval of the proposed exterior appearance of the Glen Ellyn Metra Station and Multimodal Improvement Project. This project's scope includes a new train station and warming shelters, plaza, accessible pedestrian underpass, covered stairs and ramps, site improvements, parking lot reconstruction, utility replacement, and streetscape improvements.

The existing station does not meet Metra's regulations, accessibility requirements, or building codes. According to the applicant, the proposed redesign is designed to improve passenger experience, safety, and connectivity. Exterior appearance and landscape improvements will include landscaping and streetscape design, signage, lighting, and fencing and screening. The proposed station has been designed to compliment the character and architectural style of downtown Glen Ellyn.

The project is included in both the Glen Ellyn Comprehensive Plan and the Downtown Strategic Plan as a future improvement and focal point of the downtown area. The property is in the CR Conservation District, which will require a Special Use to be defined and then requested and approved to allow for the project's use.

Pedestrian Tunnel

The proposed plan includes a new pedestrian tunnel located below the tracks to allow greater connectivity for pedestrians traveling north and south near the station. The northern entrance to the tunnel will be located west of the inbound station building. The northern entrance will be surrounded by a landscaped courtyard and will be directly adjacent to the bus stop and the passenger loading zone area northwest of the station. The south entrance of the tunnel will be located directly north of the Forest Avenue south parking lot. The tunnel is designed to be ADA-compliant.

Parking Lot Design

Parking for the Metra station is provided in four dedicated parking lots, with additional public parking provided on Crescent Boulevard and Forest Avenue. The four dedicated parking lots will be

redesigned to meet Village and Metra station parking standards and guidelines. On July 15, 2024, the Village Board considered alternatives for on-street parking designs and adopted Ordinance 7117 to direct staff on the design of the Crescent Boulevard on-street parking and Main & Crescent parking lot configuration.

The Ordinance recommended the Alternate 4 parking configuration as follows: Where Crescent Boulevard between Main Street and Forest Avenue shall be configured with angle parking on the north side of the street as shown in “Crescent On-Street Parking Alternative 2 – Angle” in Exhibit 1 of this Ordinance and where the Crescent & Main Parking Lot shall be configured with 60-degree angle parking as shown in “Crescent & Main Parking Lot Alternative 2 – 60 Angle No Sidewalk” in Exhibit 1 of the Ordinance.

Section 106 Effects Assessment

The proposed project involves multiple agencies, including the Illinois Department of Transportation (IDOT) and the Federal Highway Administration (FHWA). Section 106 of the National Historic Preservation Act (NHPA) requires that federal agencies consider the effects of projects they carry out, approve, or fund on historic properties. The current Metra station was deemed eligible for listing on the National Register of Historic Places under Criterion A and C of the NHPA through a historical analysis. The preferred alternative was to construct a new station with mitigation measures to reduce the severity of the effects of the proposed development.

Exterior Appearance Analysis

Modifications from the July 31st 2024 Pre-Application Meeting.

The design of the proposed station has been modified based on the comments and suggestions received by the Architectural Appearance Commission at its July 31, 2024 Special Meeting and the August 20, 2024 joint meeting of the Historic Preservation Commission and the Environmental Commission. The list of modifications and explanations can be found in the applicants' cover letter (attached).

A 3-dimensional, navigable model of the proposed station design can be viewed [here](#).

Building Materials

The building materials proposed are intended to be harmonious with other downtown building elements such as limestone and brick, gabled parapets, keystone arches, stone facades, and divided light windows. The exterior of the station is primarily brick, with cultured stone arched entryways and cast stone trims. The roof is to be asphalt shingles with cast stone copings and pre-finished metal fascia. The ceiling on the underside of the roof will be cherry-stained tongue and groove wood roof decking. The doors and windows are to be of insulated glass, with windows in the divided frame style that can be seen throughout other designs in the downtown district. The entrance doors are to have dark bronze anodized aluminum frames. The warming shelters are designed to have masonry bases and metal roofing, matching the general design of the station.

Landscape Design

The proposed station design incorporates a plaza adjacent to the west of the inbound station building and includes benches, tables, and bike parking. The plaza is designed to encourage pedestrians and travelers to utilize and enjoy the outdoor space. The proposed plantings will include a variety of shade trees, ornamental trees, deciduous shrubs, perennials, ornamental grasses, and

ground cover with a focus on low-maintenance native species. A bioswale planter has been added adjacent to the station building. Raised and movable planters and seat walls will be located on the plaza.

ARCHITECTURAL APPEARANCE GUIDELINES

The Village's Appearance Review Guidelines are designed to encourage quality design, which will enhance property values and the proposed uses while reflecting the unique identity of the Village. Relevant sections of the guidelines can be found in Chapter 1 (General Design Principles), Chapter 2 (Site Design), and Chapter 6 (Institutional).

Budget Impact:

Contribution to Strategic Plan

Action Requested:

The Architectural Appearance Commission is being asked to consider the petitioner's request for exterior appearance approval and make a recommendation to the Village Board for approval, approval with conditions, or denial. In reviewing the request, the Commission should consider how the proposed exterior appearance conforms with the Appearance Review Guidelines.

Staff recommends the AAC consider the following items as conditions of approval:

1. The project shall be constructed in substantial conformance with the plan prepared by CDM Smith as presented and the testimony presented at the December 5, 2024, Architectural Appearance Commission special meeting.
2. A building permit shall be required prior to construction activity.

Attachments:

1. Cover Letter
2. Exterior Appearance Review Application
3. Renderings
4. Select Site, Architectural and Landscape Plan Drawings
5. Lighting Cutsheets
6. Glen Ellyn Metra Station - Aerial Map
7. Location and Zoning Map
8. Excerpts from Comprehensive Plan
9. Excerpts from Downtown Strategic Plan
10. 01.18.24 UP Letter Glen Ellyn Metra Station & Multimodal Access Project
11. Ord. 7117
12. July 31, 2024, AAC Minutes



11.22.2024

Subject: Exterior Appearance Application

Dear Commissioners:

Please find enclosed application materials for the Glen Ellyn Metra Station and Multimodal Access Improvements Project. These documents incorporate design feedback gathered from the Architectural Appearance Commission, the Historic Commission, and the Environmental Commission during a Joint Commission meeting on August 20, 2024, and a pre-application meeting with the Architectural Appearance Commission on July 31, 2024. Overall, this feedback focused on the design character and scale of the proposed project. Responses to comments provided at the Joint Commission meeting are attached to this application, and specific revisions are listed below.

The revised design is illustrated in the design documents attached with this application as well as in updated 360 renderings at the following link: <http://review.visualizedconcepts.com/CDMS-CGE/>. Design revisions simplify and reduce material selection, refine plaza amenities and planter designs, increase landscaped areas, and reduce the perceived scale and bulk of the project.

Aesthetic

- Revised stone arch design to reduce variation of materials, projection of stone accents from the face of the arch, and height of the cast stone cap. Revised kerning of the 'Glen Ellyn' lettering.
- Simplified material application at the brick façade of the station, removing the rusticated stone.
- Refined the design of the canopy roof trusses, creating a unique element that is still cohesive with the design.
- Lowered height of the architectural column surrounds and walls at canopy columns.
- Revised plaza planters to include seat walls and to use a cast concrete matching the color of the cast stone material on the project.
- Revised plaza amenities for a more neutral bollard design, moveable planter color, and furniture finishes.

Historic

- Implemented the antiqued style brick
- Relocated existing mural to the tunnel

Environmental

- Added planter in the plaza to increase shade tree coverage.
- Implemented bioswale planter adjacent to the building.



Exterior Appearance Application

11.22.2024

Page 2

Thank you for your consideration in reviewing this application.

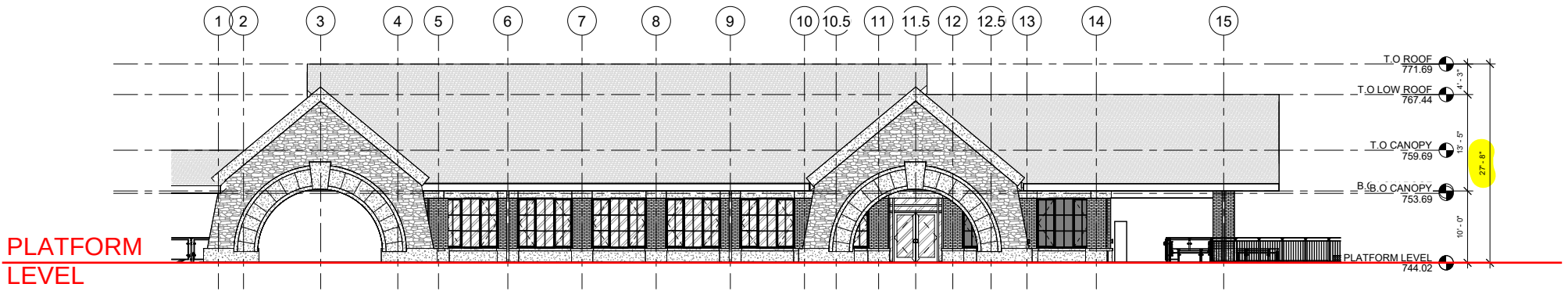
Sincerely,

A handwritten signature in black ink, appearing to read "Sarah Sutherlin".

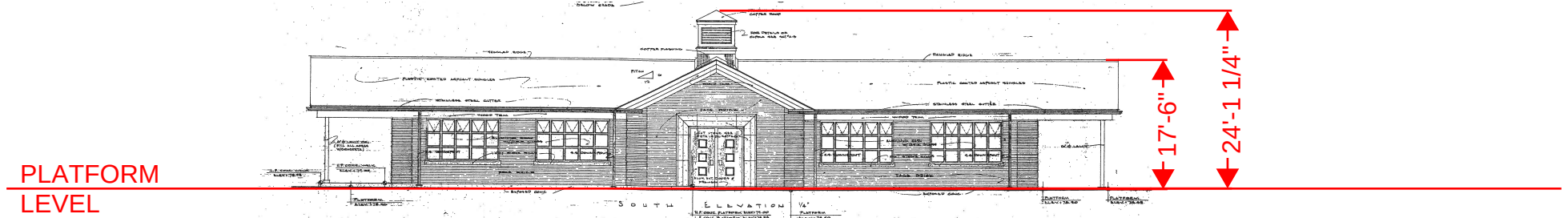
Sarah Sutherlin, AIA, LEED AP
Transit Architecture Discipline Lead
CDM Smith Inc.

cc: Rich Daubert, PE, PTOE

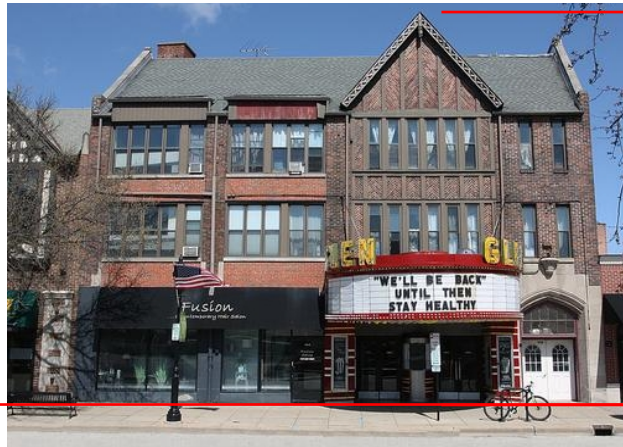
Subject	Comments	Response	Response By
Aesthetic	The commission expressed concern over the 'heaviness' of the design and voiced a desire for a more unique design. Members referenced the similarities with Wheaton station. Overall, a more clean and contemporary interpretation of the 1920s station look was preferred.	Heights of architectural column surrounds at the canopy columns have been lowered to reduce the perceived heaviness of the design and improve sightlines. The canopy structure is highlighted as a unique design. Material application is simplified in order to provide a cleaner look.	SJS
Aesthetic	Request to simplify and reduce the number of materials as shown in the renderings. There was comment on using the same style pavers as in the downtown for the plaza; specifically alluding to the 4x12 pavers with the herringbone pattern. Alternatively, another comment was received on using large format pavers such as those used in Oakbrook's outdoor mall.	Material selection has been simplified and the amount of materials reduced. The application of pavers in the plaza is adjusted to utilize concrete sidewalks for circulation areas. Plaza paver selection will be coordinated with the downtown park team.	SJS
Aesthetic	Overall there was concern over the scale of the project being imposing within the CBD. A height comparison was requested for the existing vs proposed Metra stations.	A height comparison to the existing station is included. Heights of existing CBD buildings are visualized within the 360 renderings	SJS
Aesthetic	Support for ongoing design aesthetics and material coordination with the Park design team in order to create cohesive open space designs	Materials and amenities have been adjusted to coordinate with Downtown Event Park selections. Project coordination will be ongoing as both teams finalize designs.	SJS
General	Inquired why the pedestrian tunnel is located mid block vs closer to Glenbard West?	The tunnel has been located set back from intersections and providing access at a central CBD location with adjacency to the event park on the South side of the tracks.	SJS
Historic	Desire for more of the 1926 station aesthetic to be referenced.	Stone arches have been simplified to better emulate the 1926 station. Material application on the facade is also simplified.	SJS
Historic	Preference for the antiqued style brick.	Antiqued brick will be utilized.	SJS
Historic	Desire for historic plaques mounted in sidewalk	Potential is available for plaques to be mounted within the concrete sidewalk on this project. The design team requests the Historic Commission provide design and content for these plaques.	SJS
Historic	Suggestion that the existing mural be relocated to the tunnel	Existing mural is shown replicated and relocated to the pedestrian tunnel wall.	SJS
Historic	Suggestion was given to implement pictures of historic train stations in the limestone squares on the canopy columns	Limestone squares on the canopy columns are preserved in the design and available for use as historic images. The design team requests the Historic Commission provide design and content for these images.	SJS
Environmental	Desire to increase green areas / shade trees as much as possible in order to 'soften' the architecture	Green areas have been maximized to the extent possible. Specifically, in the western portion of the plaza, an additional planter with shade trees has been located. Tree spacing along the streetscape has also been increased.	SJS
Environmental	Request for analysis of solar	Solar panels were considered as part of the Value Engineering process and was not recommended or approved to be implemented in the design.	SJS
Environmental	Was a green roof explored?	The station architecture has a steep sloped roof that is not conducive to accommodate a . Planters adjacent to building serve this function.	SJS
Environmental	Request for analysis of existing vs proposed station energy use	Proposed station energy use will be described in the LifeCycle Cost Assessment to be transmitted with 60% Design Documents	SJS
Environmental	Request to look at 'cool pavement' options	Pavement throughout the project is designed to match other phases of the Downtown Streetscape project. Pavers are selected to be a lighter color and higher solar reflectance.	SJS
Environmental	Desire for 1 or 2 key sustainable features	Sustainable features of this project include: - Daylight harvesting lighting controls - Low-flow plumbing fixtures - Full cut-off 'dark sky' light fixtures - Energy efficient building envelope - Sustainably harvested wood decking - Low maintenance plantings - Stormwater quality treatment structures for rate control - Bio-Swales planters adjacent to the station to handle roof runoff The design team recommends that the Village highlight a few of these sustainable best practices for educational purposes.	SJS
Environmental	Review the possibility of transplanting the memorial tree on the west side of the depot	Transplanting the memorial oak tree at the Metra train depot site poses extraordinary challenges due to its substantial size, maturity, and the specific care requirements of its species. At 24 inches DBH, the tree's extensive root system and canopy demand highly specialized techniques to minimize damage and stress. Root pruning would need to begin 6–12 months in advance, and excavation would require precise handling with heavy equipment to preserve a root ball several feet in diameter. Even with these efforts, transplanting a tree of this size back into a dense urban environment involves significant risks, including transplant shock, prolonged recovery, and the need for intensive post-transplant care, such as irrigation, mulching, and stabilization. The complexity and substantial cost of mitigating these risks, coupled with the uncertainty of success, make transplanting an inadvisable solution. Instead, we propose an approach that prioritizes sustainability and enhances the site's aesthetic and ecological value. Two Autumn Blaze Freeman Maples, known for their vibrant fall color and adaptability, will replace the oak, while four London Plane trees will flank the station and plaza entrances. Additional understory ornamental trees such as Autumn Brilliance Serviceberries and American Hornbeams will further enrich the site's biodiversity and contribute to its visual and ecological character. This plan not only increases the number of trees at the Metra depot site but also creates a welcoming, shaded environment with a layered, diverse landscape for visitors to enjoy, honoring the memory of the original oak in a way that ensures a lasting and vibrant legacy.	MC
Environmental	Review the possibility of reusing materials from the existing depot such as the face brick	The reuse of some demolished brick from the existing station for interior application at the new station could be considered. This would likely add cost due to labor to salvage existing material, outweighing any material savings.	SJS



3 SOUTH EXTERIOR ELEVATION
409 1/8" = 1'-0"

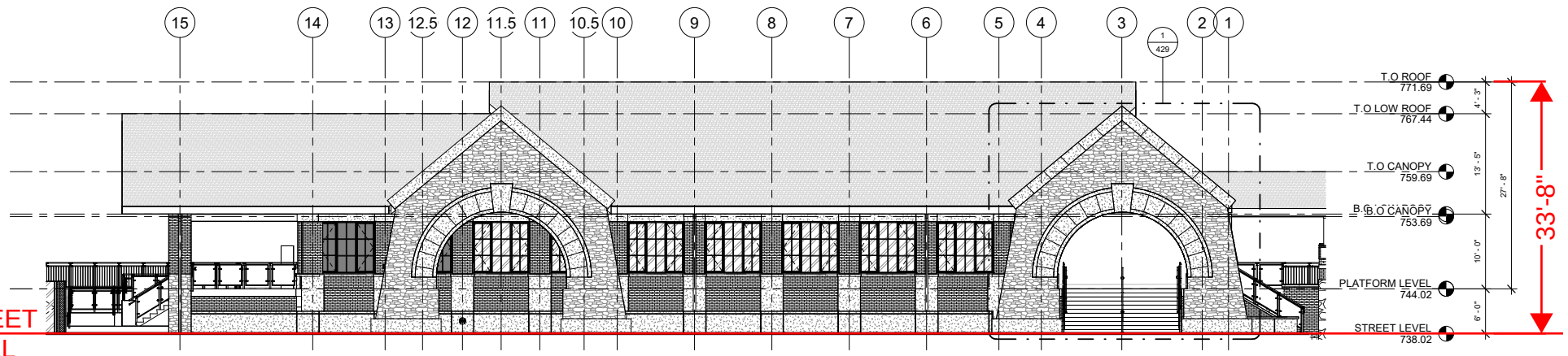


STREET
LEVEL



42'-8"
APPROX

STREET
LEVEL



EXTERIOR APPEARANCE REVIEW
APPLICATION

CLEAR ALL PAGES

Please complete and return this form to the Community Development Department, 535 Duane St.,
Glen Ellyn, IL 60137. If you have questions, please phone: 630.547.5250

I. APPLICATION INFORMATION:

A. Date Filed: 11/15/2024 B: Application No. _____

C. Project Name: Glen Ellyn Metra Station and Multimodal Access Improvements Program

D. Project Description:

The Project is intended to help revitalize the downtown area in and around the Metra Station and includes a new train station and warming shelters, an ADA accessible pedestrian underpass, covered ramps and stairs, site improvements, utility replacements, roadway and parking lot reconstruction, and streetscape and lighting improvements throughout the project area.

E. Address of Property: 492 Crescent Blvd, Glen Ellyn IL

F. Permanent Index No.: 551/500/550/545/450 G. Zoning: CR Conservation Recreation

H. Name of Applicant: Rich Daubert

I. Address of Applicant: 30 South Lambert Road Glen Ellyn IL 60137

J. Phone No. (Business): 630-547-5507 (Home) _____

K. (Mobile) _____ (Other) _____

L. Fax No.: _____

M. E-mail Address of Applicant: rdaubert@glenellyn.org

N. Name of Property Owner: Union Pacific Railroad

O. Address of Property Owner: 123 N Wacker Dr Suite 2550

P. Phone No. (Business): 608-807-7586 (Home) _____

Q. E-Mail Address of Property Owner: thomas.evenson@up.com

II. CONFORMANCE WITH APPEARANCE REVIEW GUIDELINES:

(You may attach separate sheets of paper as needed to answer any of the following questions)

R. Please explain why the proposed architectural style was chosen.

The architectural style of the new station is inspired by the previous 1926 historic Metra station, and influenced by materials and design elements of adjacent downtown buildings. The architectural style has been reviewed by the public, Village Commissions, and IDOT's consulting parties. The design presented within this application incorporates design revisions based on comments from recent AAC pre-application and Joint Commission meetings. A comment resolution from those meetings is also included. The plaza is designed to coordinate with the architectural style of the new Metra station and the adjacent Downtown Park project. The streetscape elements of the project will match previous Glen Ellyn streetscape project phases.

S. Provide information about the architectural style and exterior materials of the buildings in the surrounding area:

The project site is located between the Glen Ellyn North and South Historic Districts. Surrounding buildings within Glen Ellyn CBD include a range of building styles including Tudor Revival, Victorian, Colonial Revival, mid-century modern, and more. Exterior materials of the surrounding buildings typically include limestone and brick, consistent with the new station design.

T. Please explain how the project complies with the Appearance Review Guidelines:

The new design is compatible with the character of adjacent developments and streetscape. It utilizes durable brick and stone materials in natural earth tone colors, limited in palette, according to the guidelines. The design is based on historic precedents and adjacent timeless buildings. The roof edge is clearly differentiated from the building with overhangs and parapets. The entrances are readily identifiable from each approach and defined by large stone arches. The apparent mass of the building is reduced by structural articulation and by landscaping treatments. The landscaping and site lighting is selected in keeping with adjacent streetscape design selections. The accessory structures on site include an equipment enclosure and warming shelters which are made from the same exterior materials as the principal building. Signage is in keeping with Metra and Village standards. Site furnishings are selected in coordination with adjacent streetscape projects for streetscape elements and with adjacent downtown park project for the plaza area.

U. Please explain why any deviations from the Appearance Review Guidelines are proposed:

No deviations are proposed.

Signature: _____ Date: _____





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

FAU ROUTE 0003 (CRESCENT BLVD)
AT UNION PACIFIC RAILROAD
SECTION _____
PROJECT _____
GLEN ELLYN METRA STATION AND
MULTIMODAL ACCESS IMPROVEMENTS PROJECT
DUPAGE COUNTY

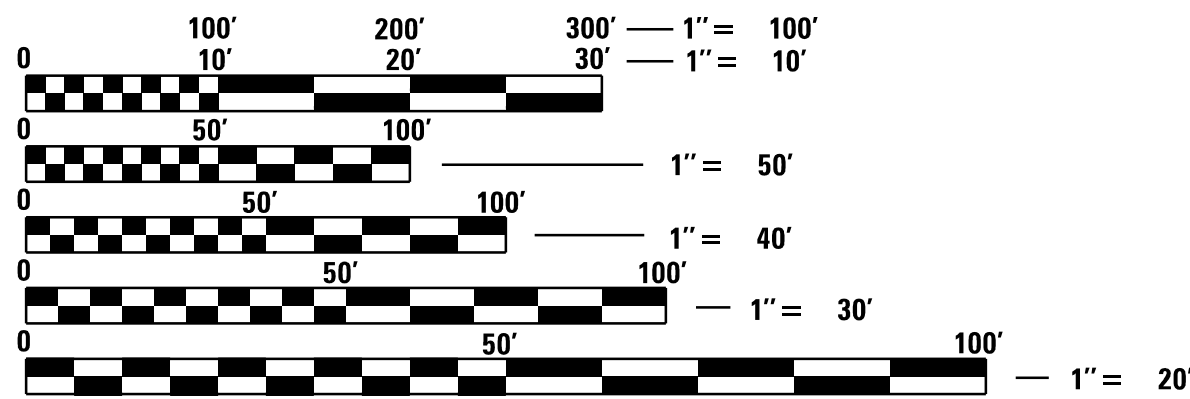
C-9x-xxx-xx

ISSUED FOR 60% REVIEW

SELECTED DRAWINGS

R10E 3RD P.M.

FOR INDEX OF SHEETS, SEE SHEET NO. 1



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER
PROJECT MANAGER

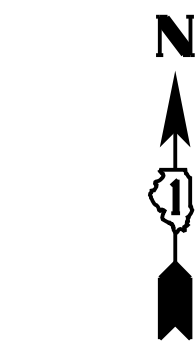
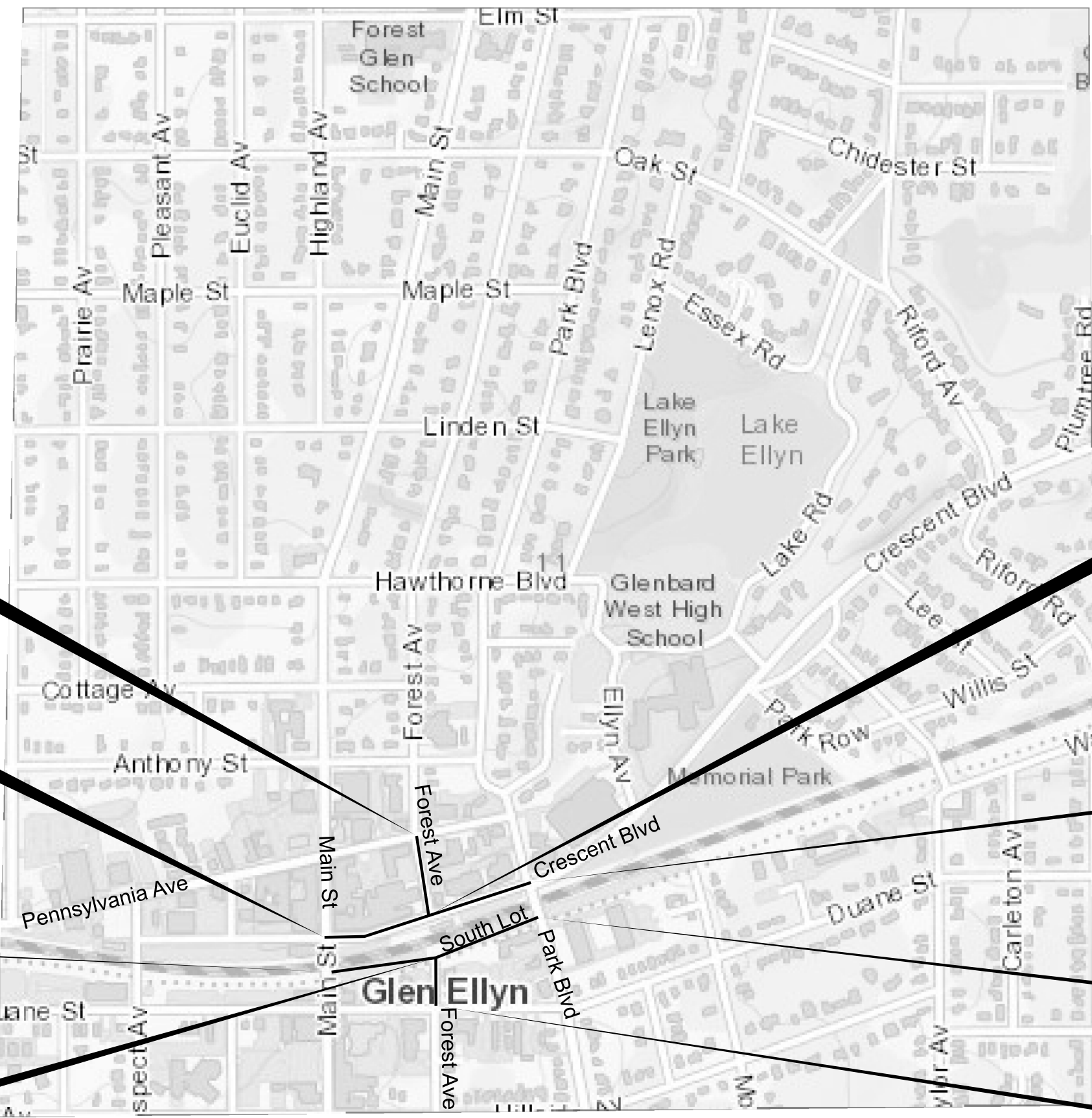
CONTRACT NO.

END PROJECT
STA 603 + 79.16

BEGIN PROJECT
STA 101 + 00.18

BEGIN PROJECT
STA 200 + 35.16

END PROJECT
STA 503 + 15.92



LOCATION MAP
NOT TO SCALE

BEGIN PROJECT
STA 600 + 00.00

END PROJECT
STA 111 + 04.84

END PROJECT
STA 210 + 76.54

BEGIN PROJECT
STA 500 + 50.00

MILTON TOWNSHIP

GROSS LENGTH = 1004.66 FT. = 0.190 MILE (CRESCENT BLVD), 379.16 FT. = 0.072 MILE (FOREST AVE NORTH), 265.92 FT. = 0.050 MILE (FOREST AVE SOUTH)
NET LENGTH = 1004.66 FT. = 0.190 MILE (CRESCENT BLVD), 379.16 FT. = 0.072 MILE (FOREST AVE NORTH), 265.92 FT. = 0.050 MILE (FOREST AVE SOUTH)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		ILLINOIS	150	1
CONTRACT NO.				



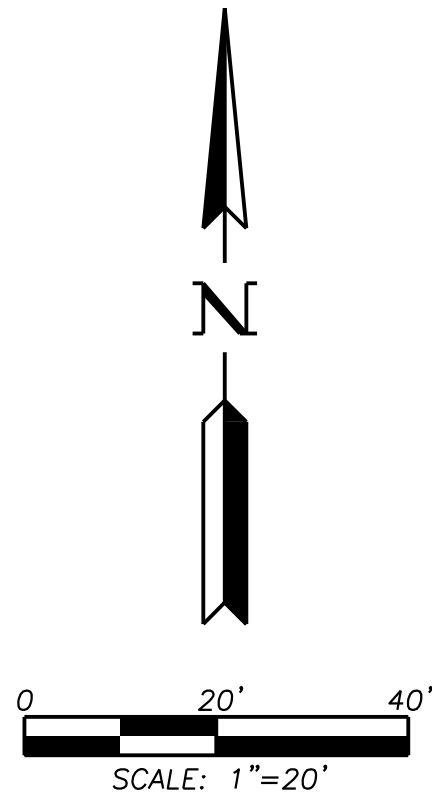
CRESCENT BLVD – MINOR COLLECTOR – 2,900 ADT
FOREST AVE – LOCAL ROAD

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
SUBMITTED _____ 20 ____	
_____ 20 ____	REGIONAL ENGINEER
_____ 20 ____	
_____ 20 ____	ENGINEER OF DESIGN AND ENVIRONMENT
_____ 20 ____	
_____ 20 ____	DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

TOPOGRAPHIC SURVEY
OF

Lots A and B in County Clerk's Second Assessment Division, according to the plat thereof recorded July 3, 1906 as document number 88052, part of Lot 1 in Block 9 in County Clerk's Fifth Assessment Division, according to the plat thereof recorded July 3, 1906 as document number 88055, vacated Crescent Boulevard recorded September 17, 1926 as document number 221535, part of Main Street, part of Forest Avenue, part of Park Boulevard, part of Duane Street, part of Illinois Prairie Path recorded March 19, 1991 as document number R91-0258150, part of Stuart Avenue, part of the Chicago and North Western Railway Company right of way and part of Crescent Boulevard, all in Section 11, Township 39 North, Range 10 East of the Third Principal Meridian, in DuPage County, Illinois.



LEGEND

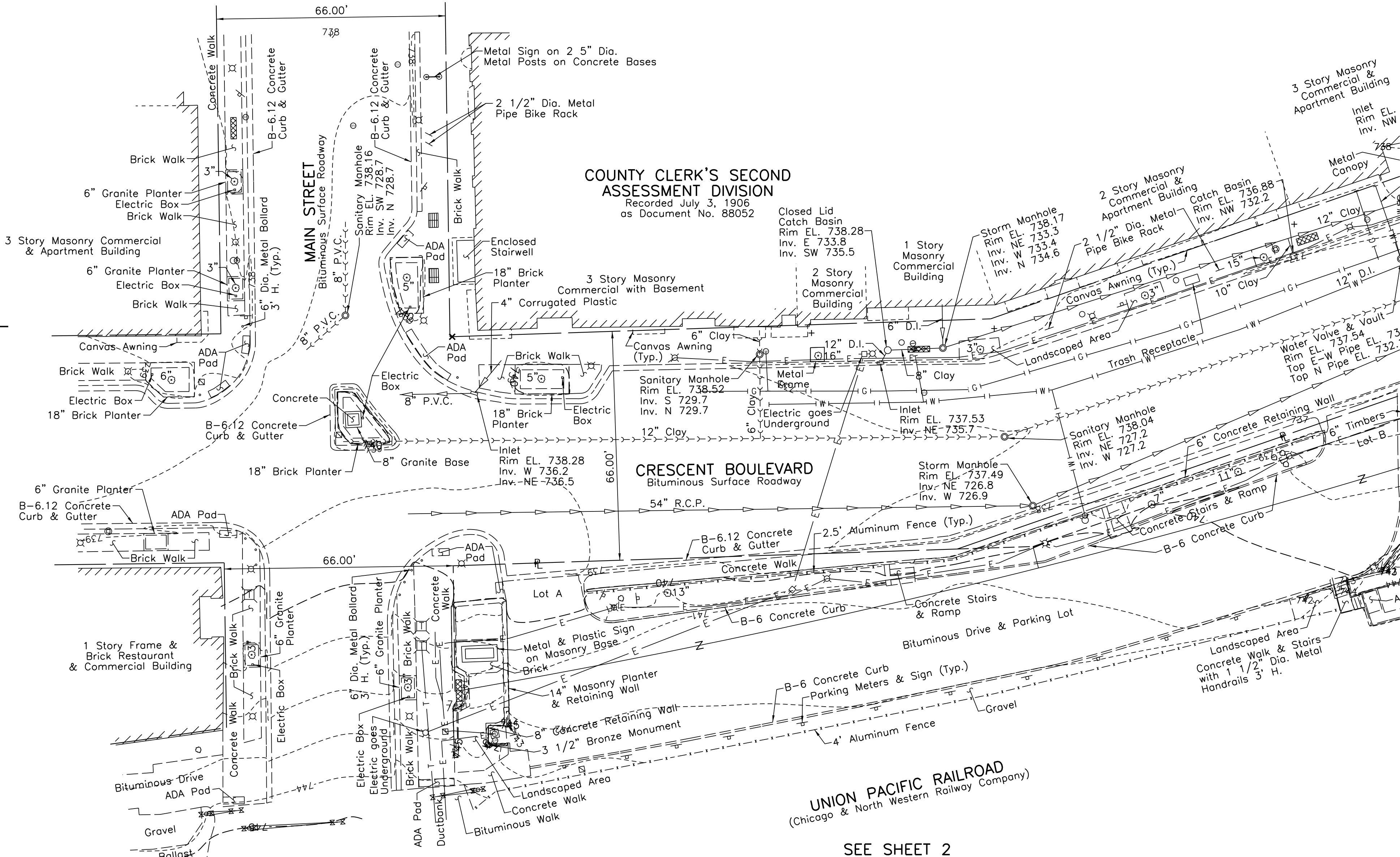
	Deciduous Tree		Gas Line as Marked by Others
	Coniferous Tree		Petroleum Line as Marked by Others
	Deciduous Bush		Underground Electric as Marked by Others
	Coniferous Bush		Underground Telephone as Marked by Others
	Stump		Underground Fiber Optic as Marked by Others
	Sign		Underground Cable TV as Marked by Others
	Metal Frame & Grate		Water Main as Marked by Others
	2' Dia. Metal Trash Receptacle		Storm Sewer
	Metal Park Bench		Sanitary Sewer
	Spotlight		Fence
	Light Pole		Guardrail
	Power Pole		Overhead Electric
	Power Pole		Overhead Telephone
	Guy Wire		Overhead Cable TV
	Railroad Signal with Mast Arm		Overhead Electric & Telephone Line
	Handhole		Overhead Electric & Cable TV Line
	Street Lighting Control Box		Overhead Telephone & Cable TV Line
	Electric Pedestal		Overhead Electric, Telephone & Cable TV Line
	Cable TV Pedestal		Edge of Trees & Brush
	Telephone Pedestal		Edge of Bushes
	Telephone Vault		Existing R.O.W. Line
	Gas Valve		Property (Deed) Line
	Utility Junction Box		Same Ownership
	Fiber Optic Vault		Existing Easement Line
	Electric Transformer		Found Iron Pipe or Iron Rod
	In-Ground Sprinkler (Others may Exist)		Found "PK" Nail or "MAG" Nail
	Sprinkler Control Valve		Found Cross Cut
	Monitoring Well		Existing Building
	Cleanout		
	Buffalo Box/Water Valve		
	Fire Hydrant		
	Inlet		
	Catch Basin		
	Manhole/Water Valve & Vault		
	Boring		

Basis of Elevations

NGS Bench Mark 0105, P.I.D. DK3188
3 1/2" Brass Disk on Top of a 3 Foot
High Concrete Retaining Wall Surrounding
an Electrical Control Box, stamped "DuPage
County Geodetic Survey Monument, Height
Modernization Program 2006, 0105".
Published NAVD '88 Elevation 745.28

Bearings and Coordinates are referenced to the
Illinois Coordinate System NAD 83(2011) East Zone.

All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by
the combined factor of 0.999950799.



SEE SHEET 2

STATE OF ILLINOIS }
COUNTY OF LAKE } S.S.

TO: THE VILLAGE OF GLEN ELLYN, AN ILLINOIS MUNICIPAL CORPORATION

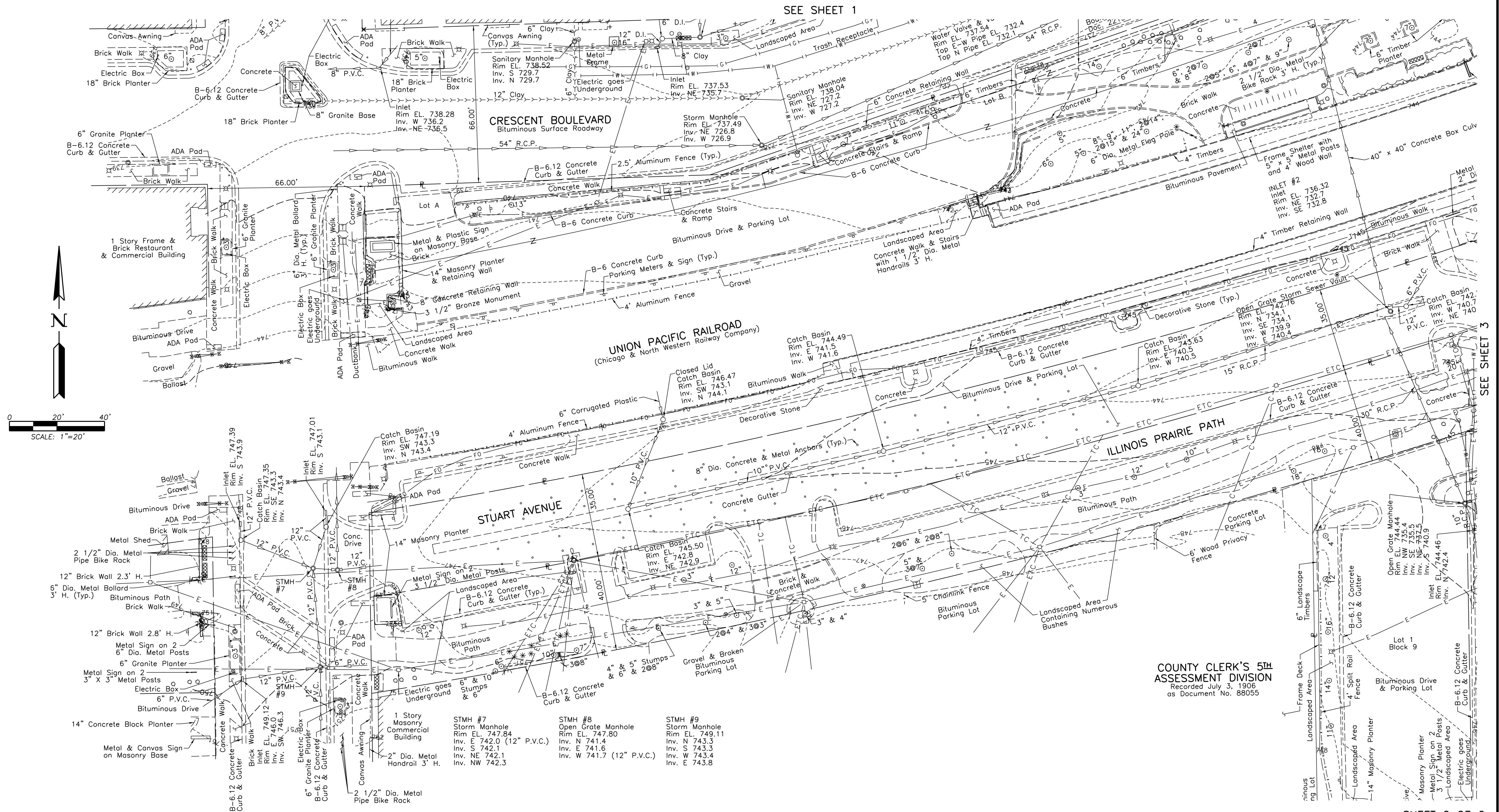
WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM
LAND SURVEYING CORPORATION, NUMBER 184-2771, DO HEREBY CERTIFY THAT
WE SURVEYED THE AREA SHOWN HEREON AND PREPARED A TOPOGRAPHIC
SURVEY, WHICH IS A TRUE REPRESENTATION OF SAID SURVEY.

DIMENSIONS ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF AND
ARE CORRECTED TO A TEMPERATURE OF 68 DEGREES FAHRENHEIT.

LAKE VILLA, ILLINOIS THIS _____ DAY OF _____, A.D., 20 _____

FOR REVIEW PURPOSES ONLY

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

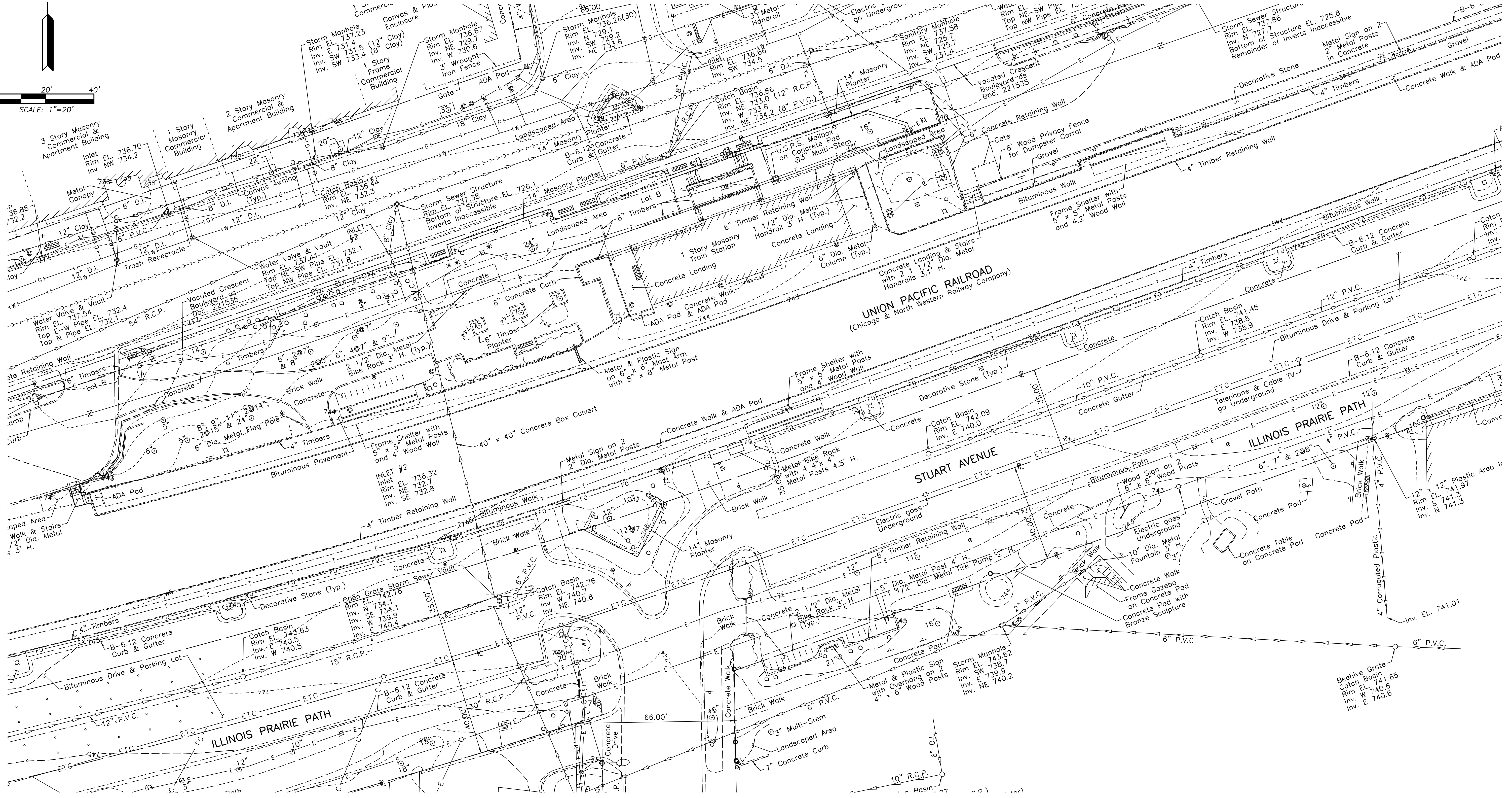


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OF

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SEE SHEET 5

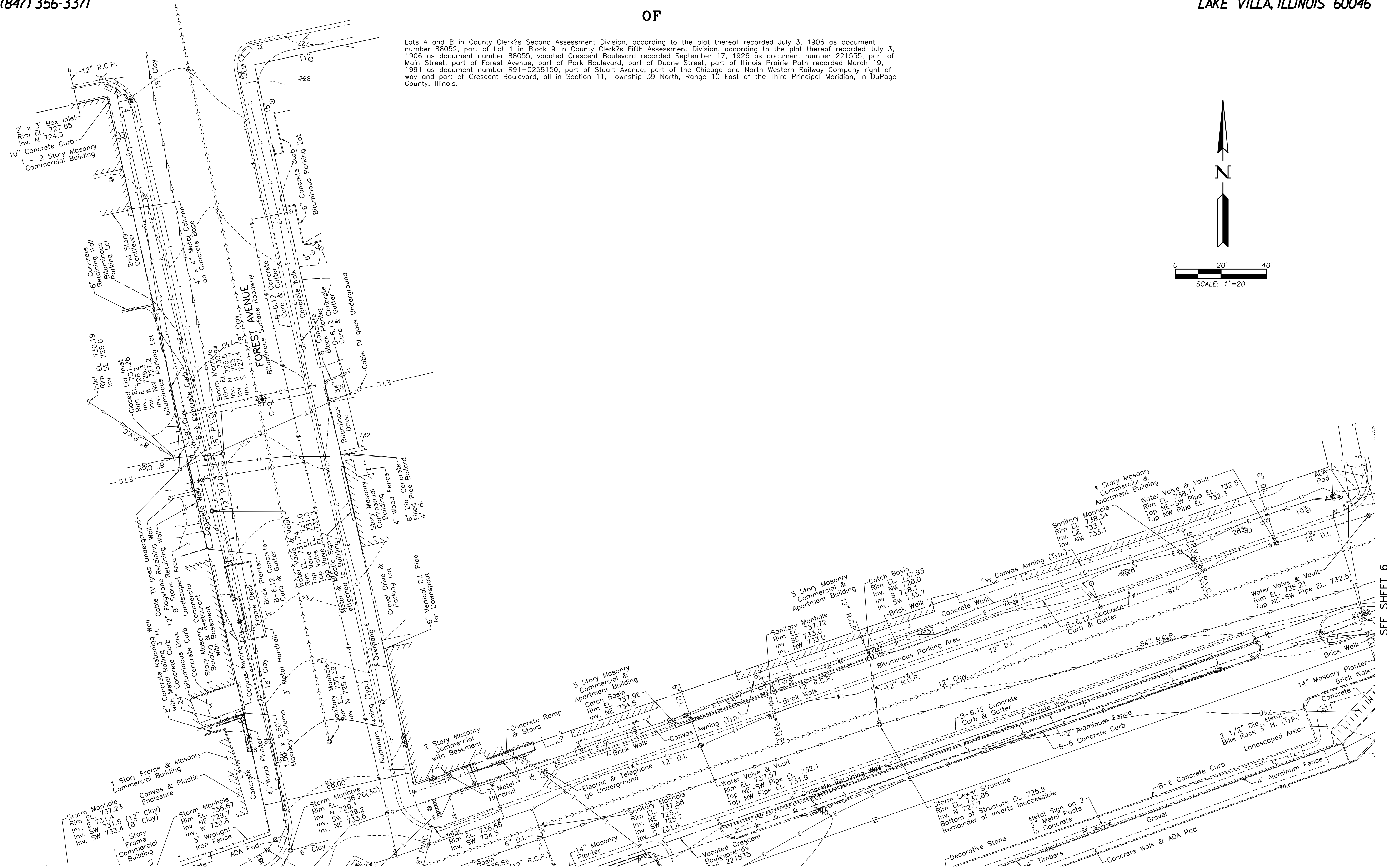
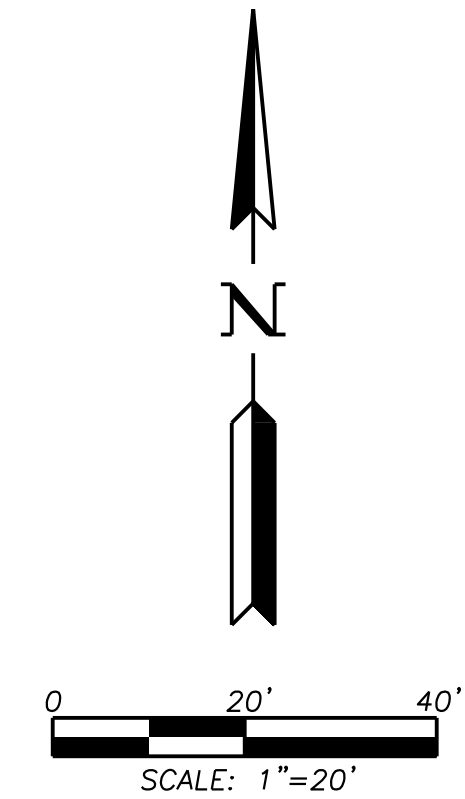


SEE SHEET 1

SEE SHEET 2

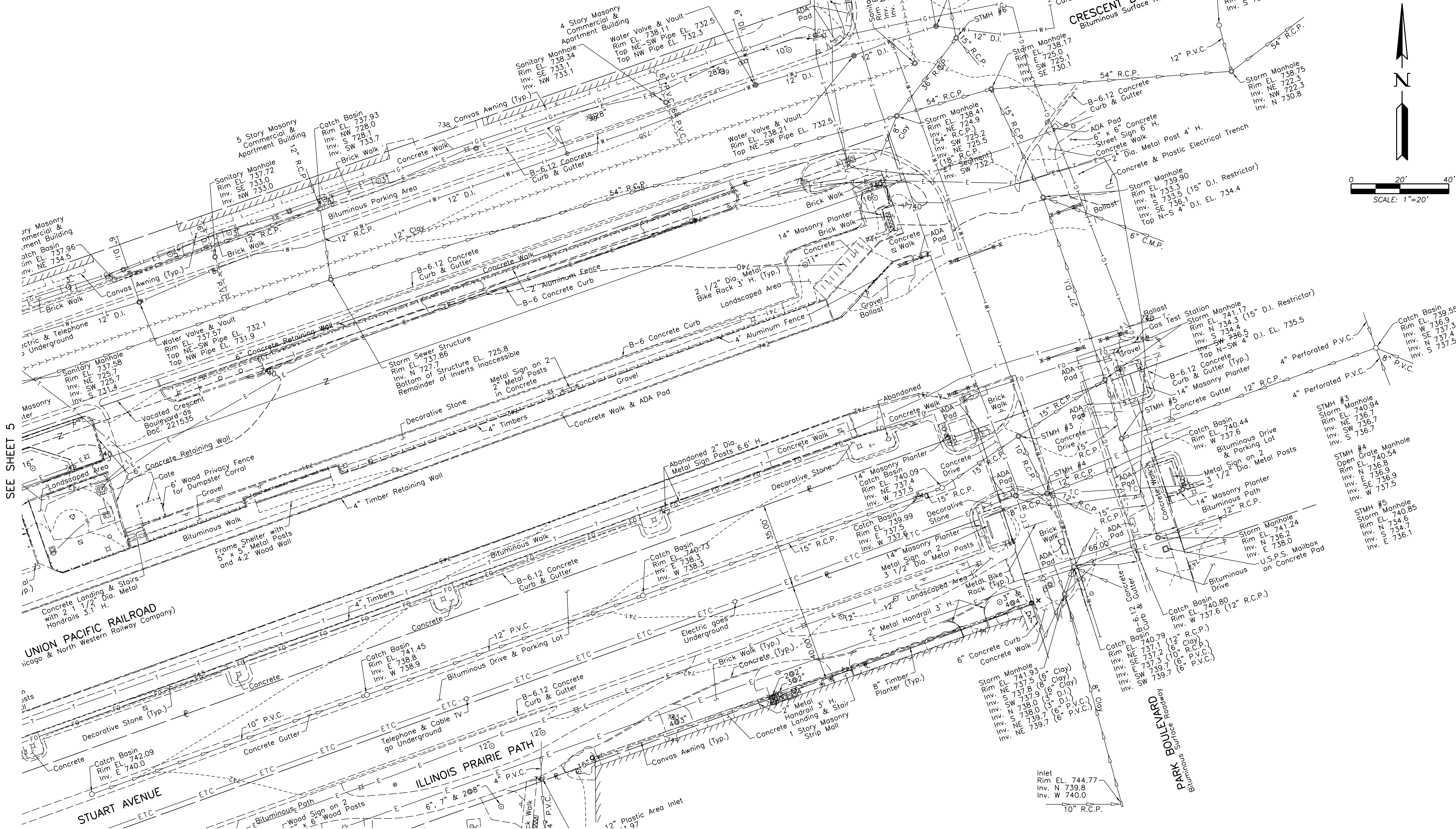
SEE SHEET 3

SEE SHEET 6



TOPOGRAPHIC SURVEY
OF

Lots A and B in County Clerk's Second Assessment Division, according to the plat thereof recorded July 3, 1906 as document number 88052, part of Lot 1 in Block 9 in County Clerk's Fifth Assessment Division, according to the plat thereof recorded July 3, 1906 as document number 88055, vacated Crescent Boulevard recorded September 17, 1926 as document number 221535, part of Main Street, part of Forest Avenue, part of Park Boulevard, part of Duane Street, part of Illinois Prairie Path recorded March 19, 1991 as document number R91-0258150, part of Stuart Avenue, part of the Chicago and North Western Railway Company right of way and part of Crescent Boulevard, all in Section 11, Township 39 North, Range 10 East of the Third Principal Meridian, in DuPage County, Illinois.



SEE SHEET 5

SEE SHEET 4

MODEL - Existing Plan with Border
FILE NAME - p:\concomint\2502-284380-10 Transportation\02 Engineering Services\01 Roadway\10 BIM_cADD\01 Working\Entire Plan Sheet.dgn



USER NAME = CONNOLLYJG
ISSUED FOR 10 PCT
PLOT SCALE = 49.999990000" / in.
PLOT DATE = 3/7/2024

DESIGNED -
DRAWN - JGC
CHECKED -
DATE - JAN 2024

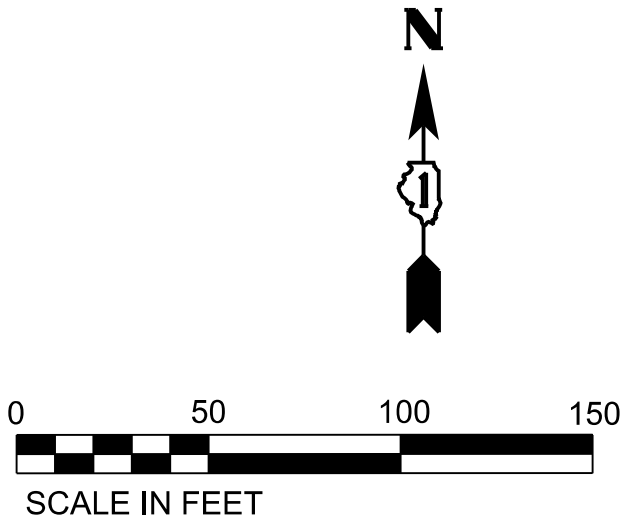
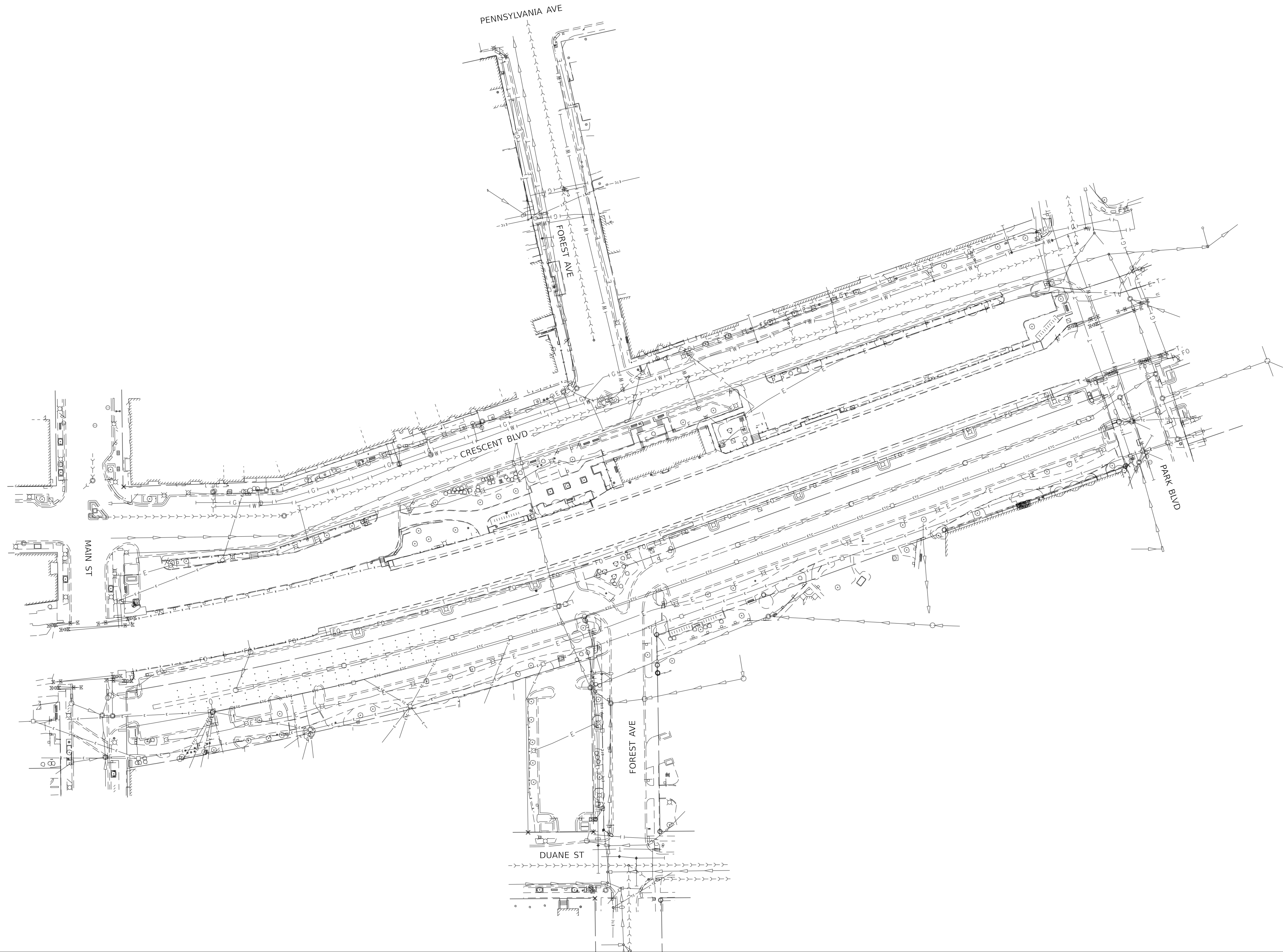
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SITE PLAN

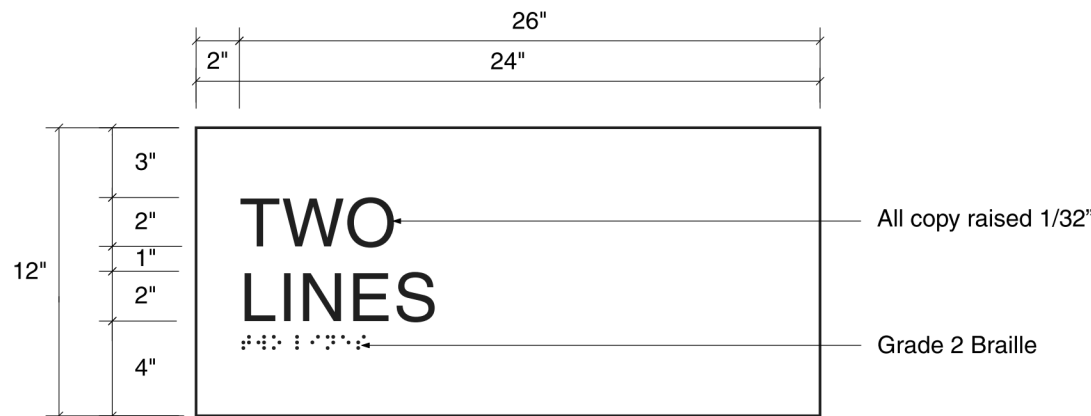
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	DUPAGE	2	2
CONTRACT NO. 284380				
ILLINOIS FED. AID PROJECT				

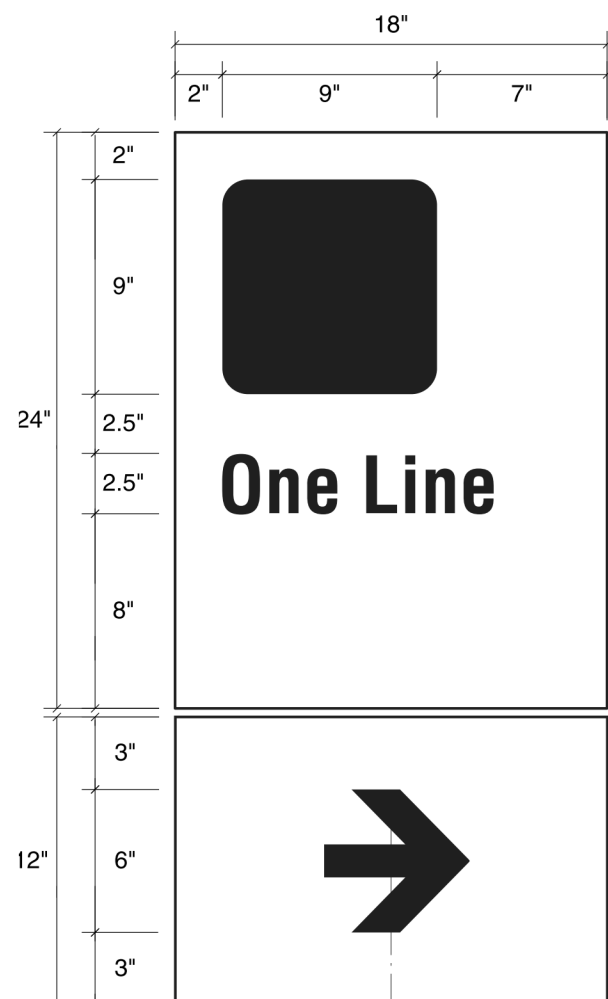




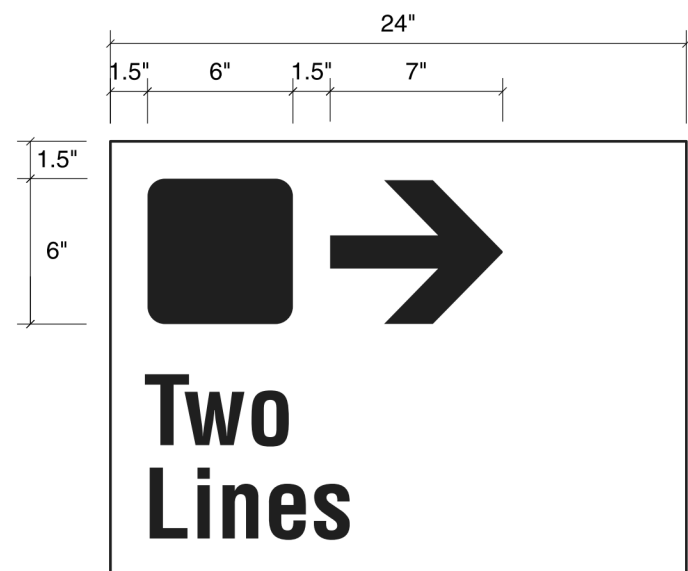
S-1
EAVE-MOUNTED MAJOR
STATION IDENTIFIER



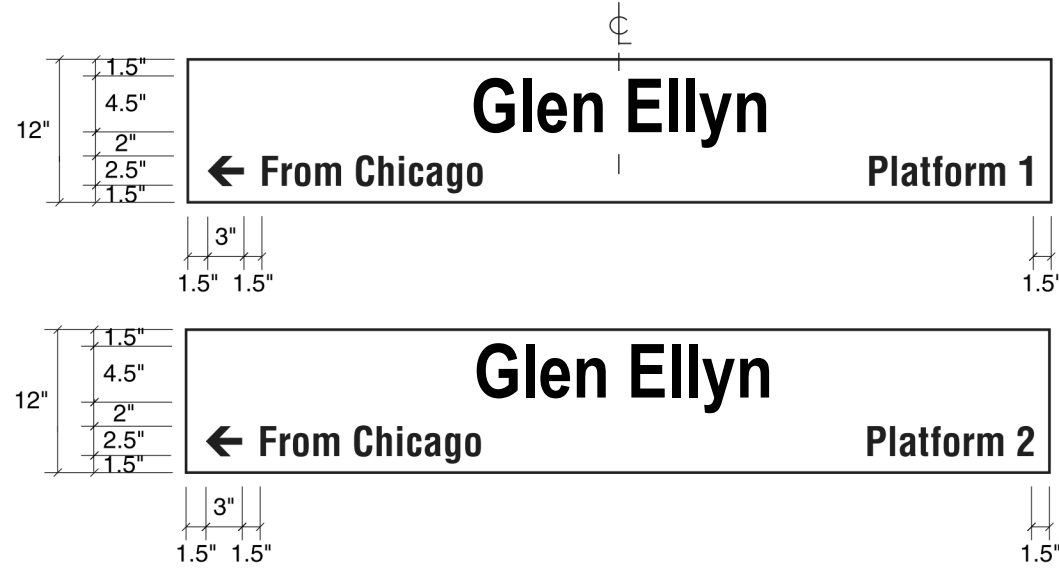
S-1D
WALL-MOUNTED MINOR
STATION IDENTIFIER



S-4
EXTERIOR POST-MOUNTED
DIRECTIONAL SIGNS



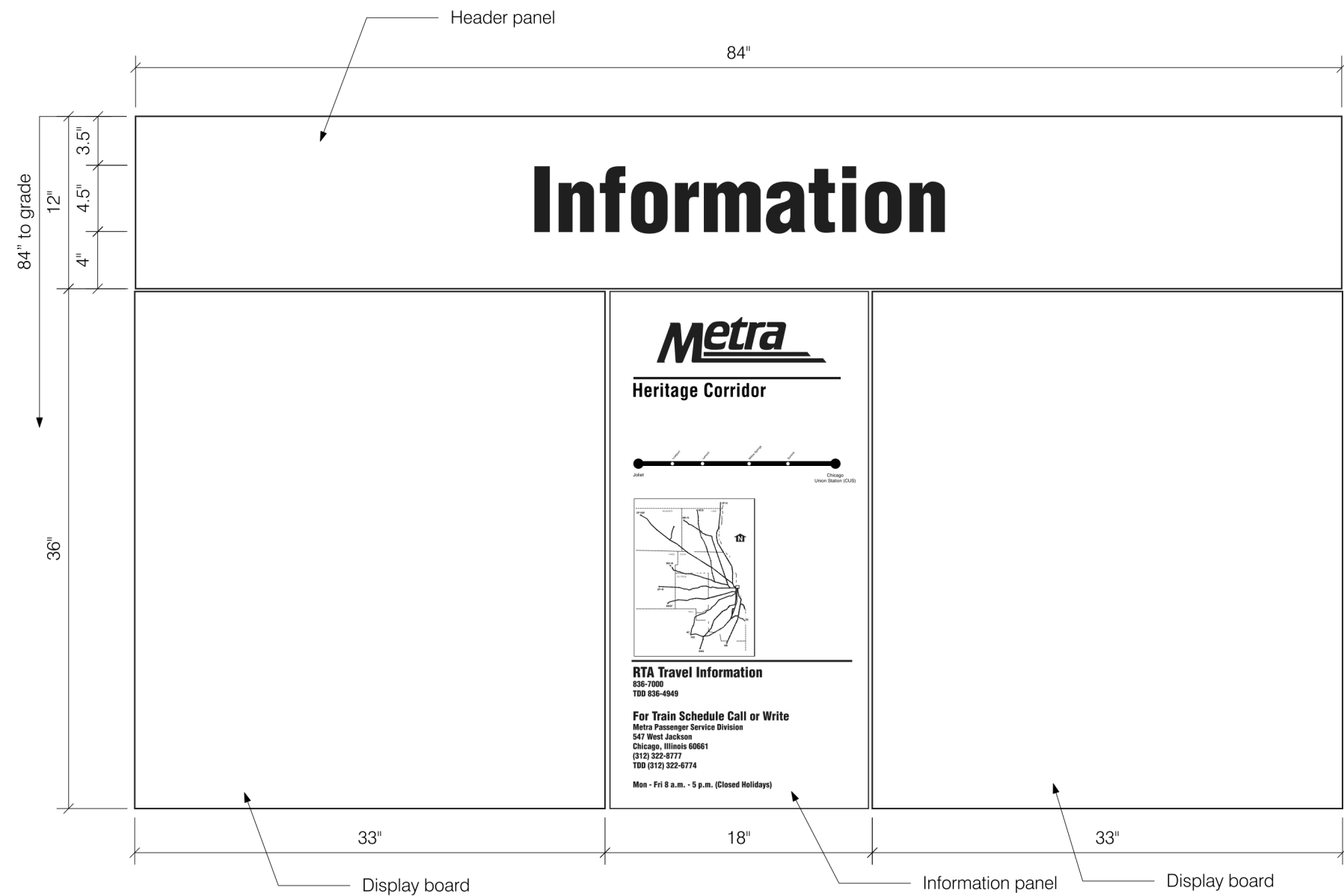
S-5
FLUSH-MOUNTED
DIRECTIONAL SIGNS



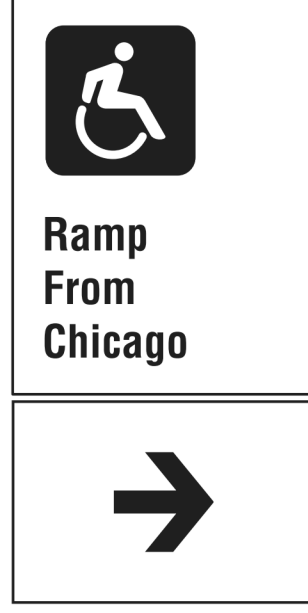
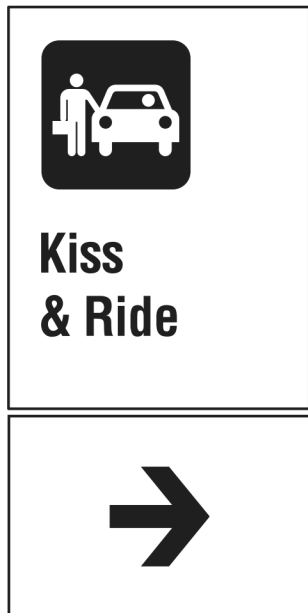
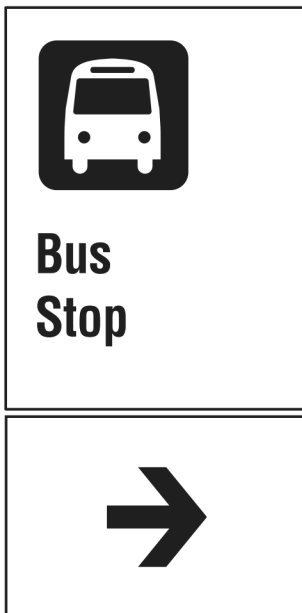
S-2
POST-MOUNTED PLATFORM IDENTIFIER



Rear 1



S-3
WALL-MOUNTED INFORMATIONAL SIGNAGE



SITE SIGNAGE INSTALLATION NOTES

- ALL SIGN PANELS, INCLUDING THE ARROW AND MESSAGE PANELS, SLIDE AND LOCK INTO POSTS. PANELS MUST BE CAPABLE OF BEING REMOVED AND REPLACED ON SITE TO KEEP MAINTENANCE AND REPLACEMENT COSTS TO A MINIMUM.
- CONCRETE EMBEDMENT MOUNTING REQUIREMENTS:** ALUMINUM POSTS ARE TYPICALLY EMBEDDED 3 FT. DIRECTLY IN CONCRETE FOOTINGS. ADD THE DISTANCE BELOW GRADE TO POST LENGTH FOR DIRECT BURIAL MOUNTING.
- PLATE AND BOLT MOUNTING REQUIREMENTS:** WELDED ALUMINUM FLANGE PLATES ARE MECHANICALLY FASTENED TO J-BOLTS OR ANCHOR BOLTS EMBEDDED INTO CONCRETE FOOTINGS.
- WALL MOUNTING REQUIREMENTS:** EXTRUDED ALUMINUM END SECTIONS ARE MECHANICALLY FASTENED TO WALL WITH ANCHOR BOLTS.

NOTE: SIGNAGE TYPES PROVIDED FOR DESIGN INTENT ONLY. ALL SIGNS TO BE PROVIDED BY METRA AND INSTALLED BY CONTRACTOR.

**CDM
Smith**

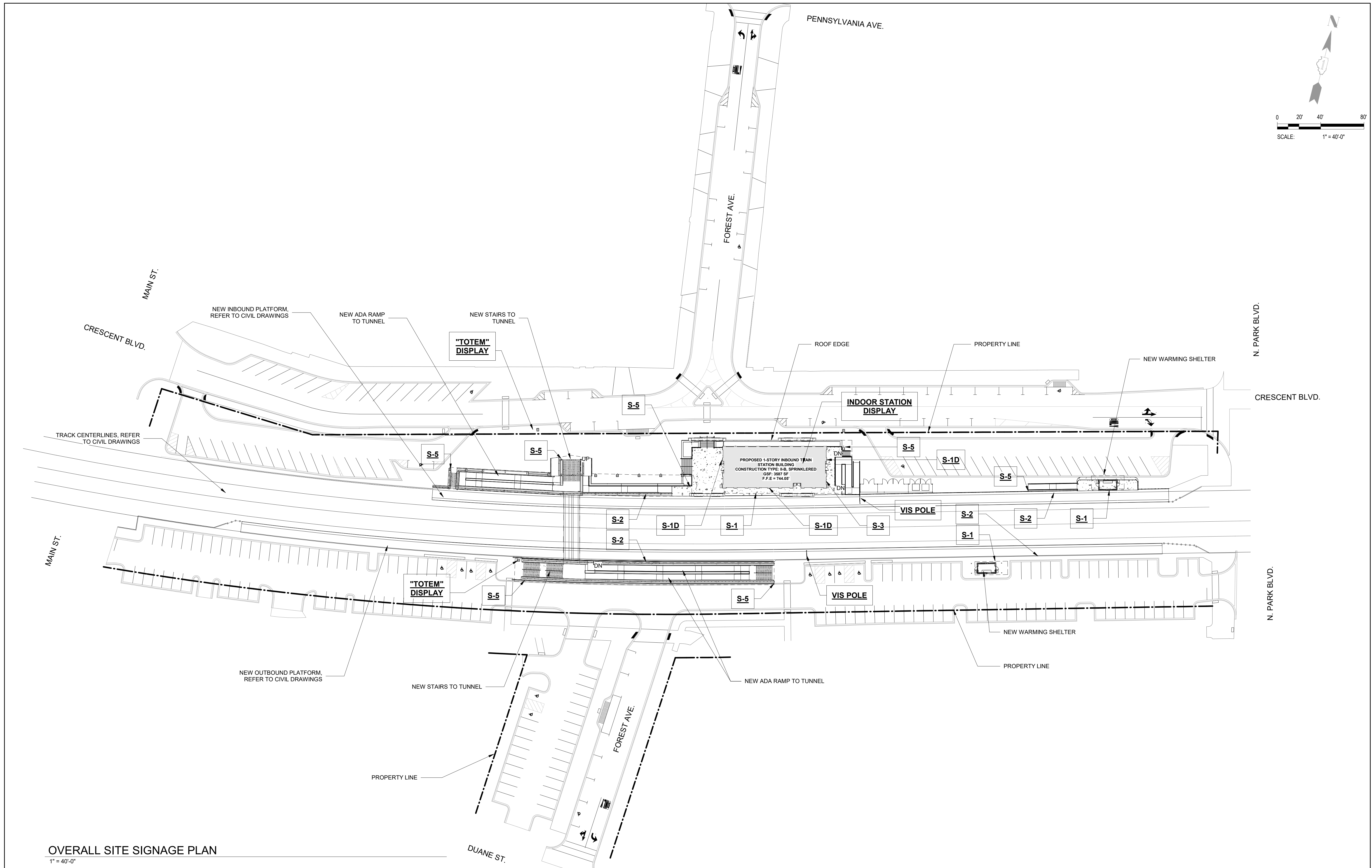
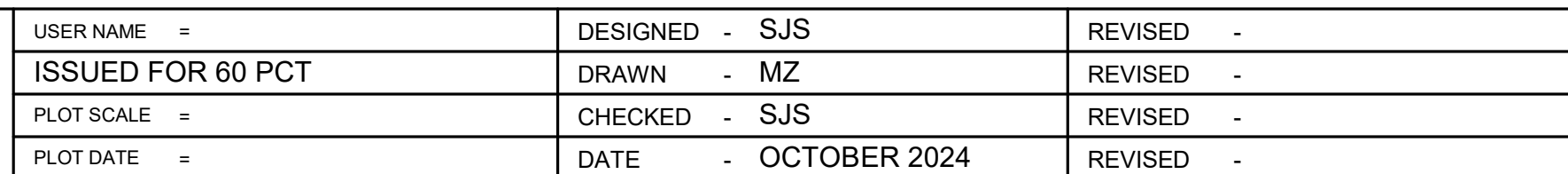
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PLOT DATE	=	DATE	-	OCTOBER 2024	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARCHITECTURAL SITE SIGNAGE TYPES

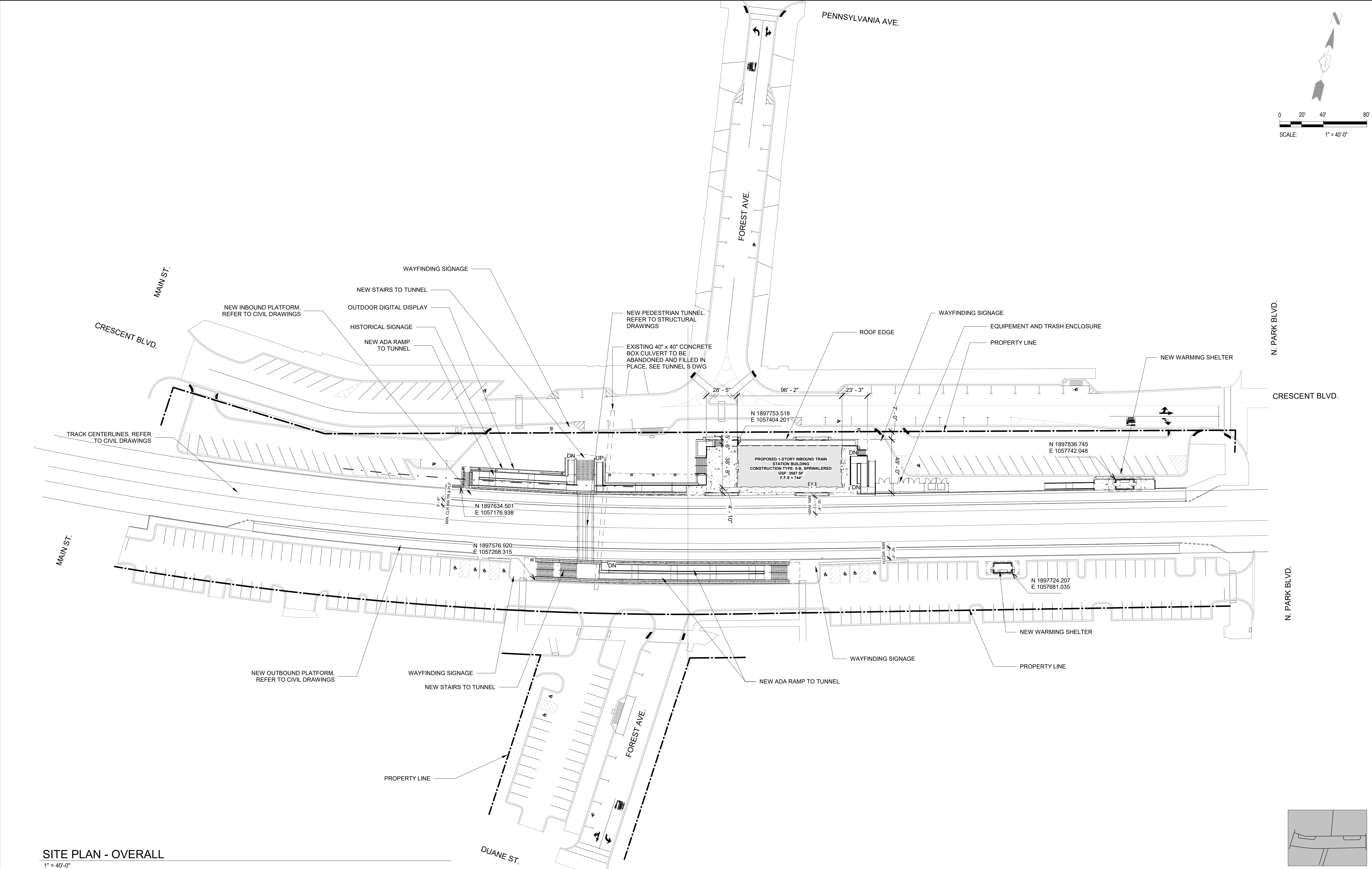
SCALE: AS NOTED SHEET 403 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		403
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				


$$1'' = 40'-0''$$


ARCHITECTURAL METRA SITE SIGNAGE PLAN

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		405
		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



SITE PLAN - OVERALL

1" = 40'-0"



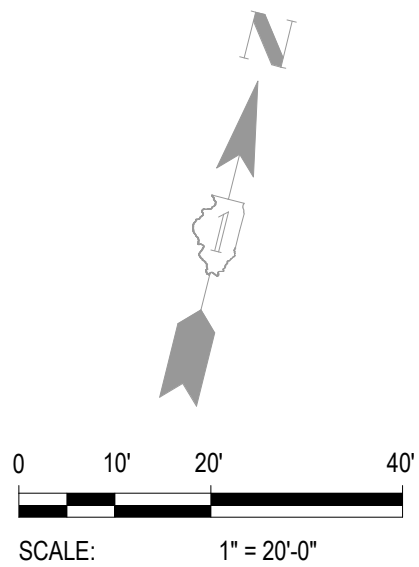
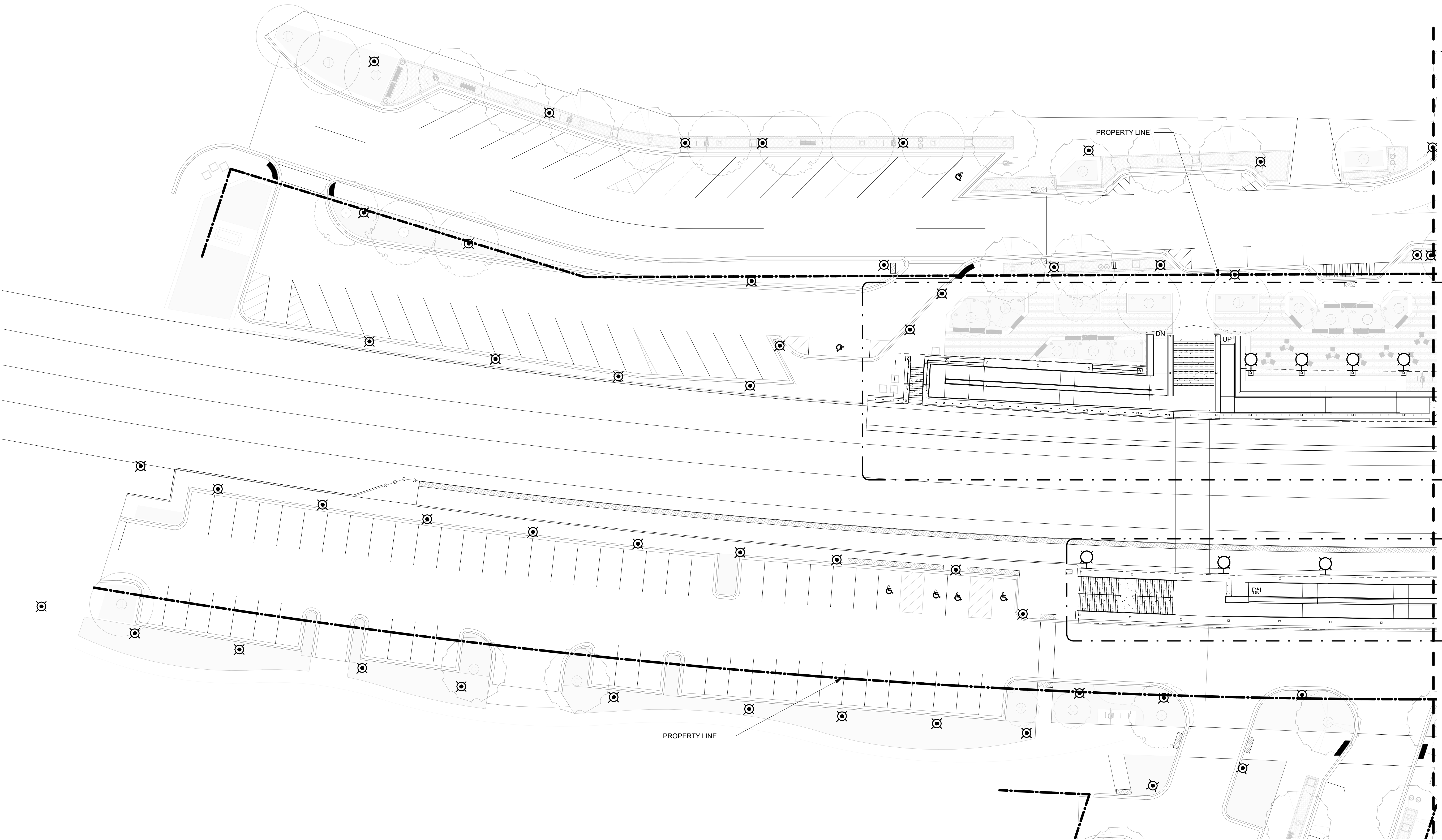
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ISSUED FOR	60 PCT	DRAWN	-	MZ	REVISED	-
PLOT SCALE	=	CHECKED	-	SJS	REVISED	-
PLOT DATE	=	DATE	-	OCTOBER 2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL SITE PLAN

SCALE: AS NOTED SHEET 406 OF SHEETS

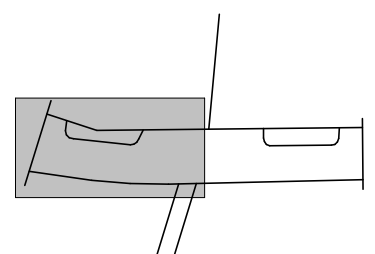
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		406
		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



1
409

1
412

SITE PLAN - PART A
1" = 20'-0"



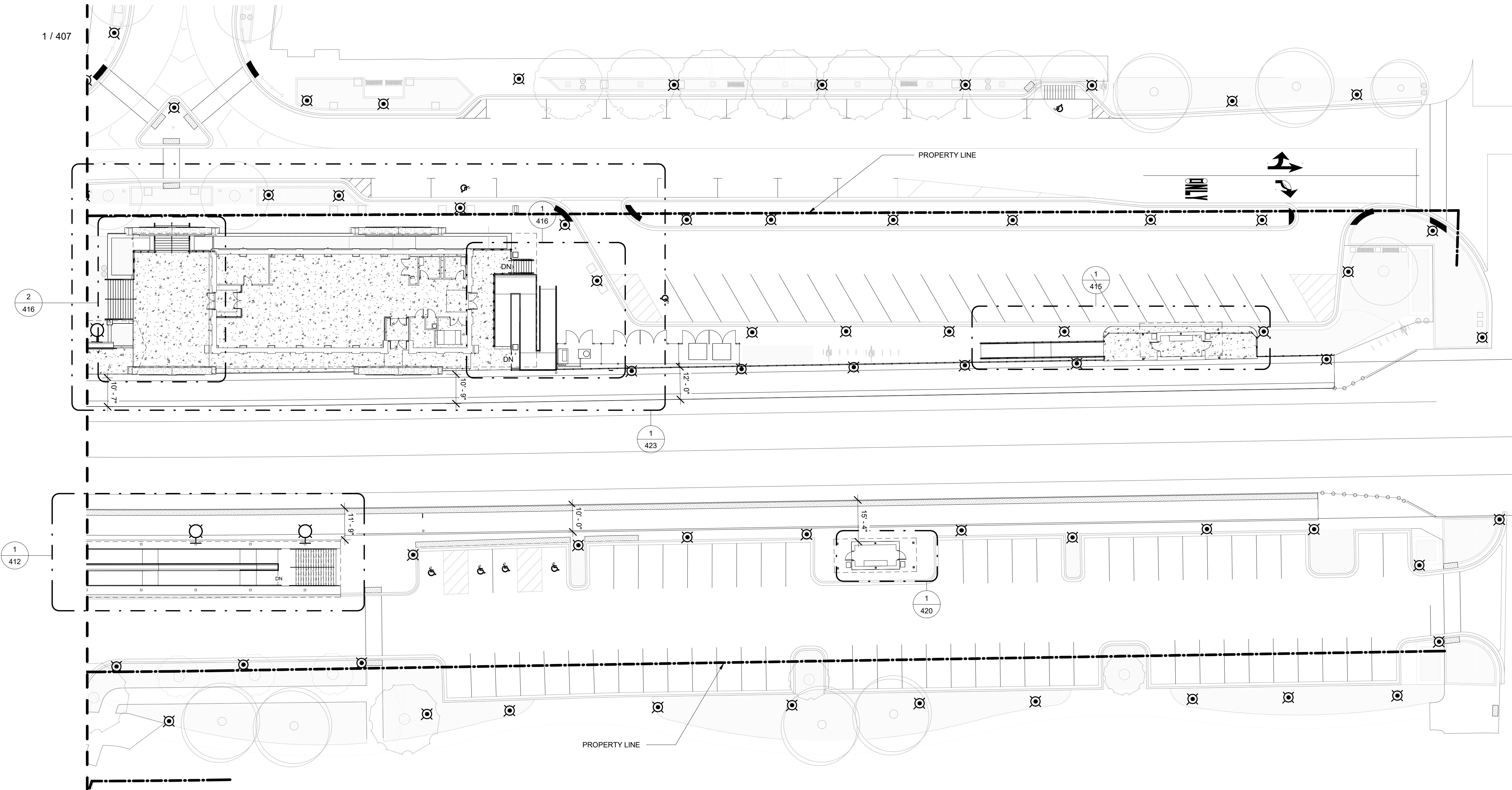
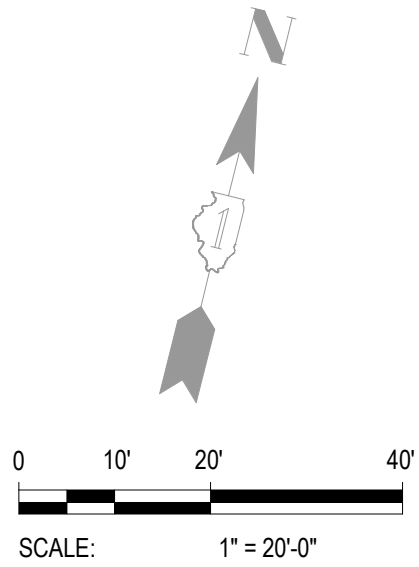
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PLOT SCALE	=	CHECKED	- SJS	REVISED	-
PLOT DATE	=	DATE	- OCTOBER 2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL SITE PLAN - PART A

SCALE: AS NOTED SHEET 407 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		407
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



SITE PLAN - PART B
1" = 20'-0"



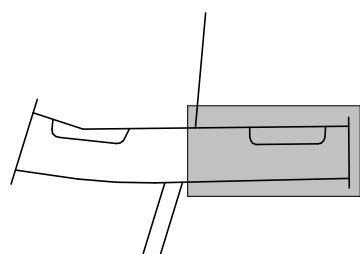
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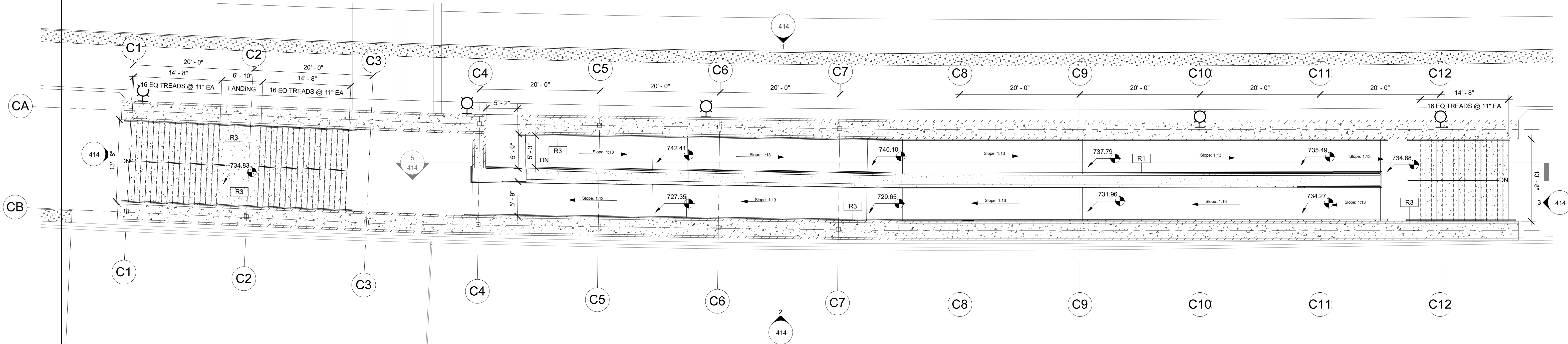
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL SITE PLAN - PART B

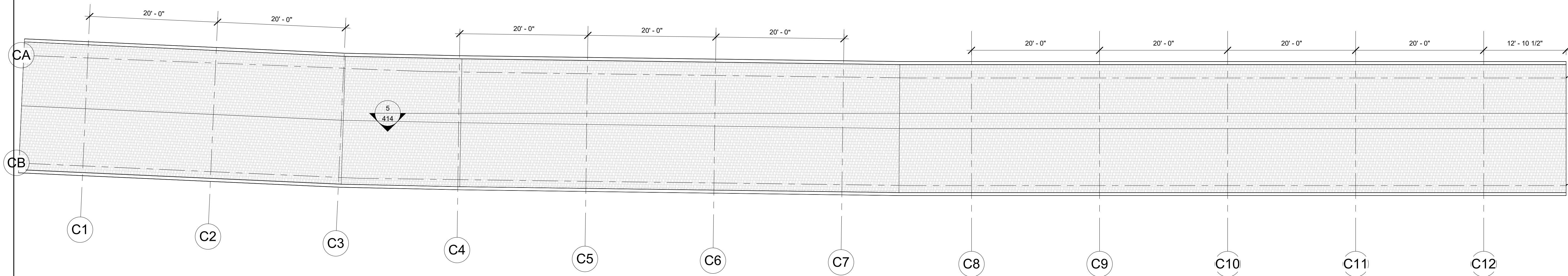
SCALE: AS NOTED SHEET 408 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		408
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				





1 RAMPS/STAIRS II - SITE PLAN
407 1/8" = 1'-0"



2 RAMPS/STAIRS II - ROOF PLAN
430 1/8" = 1'-0"



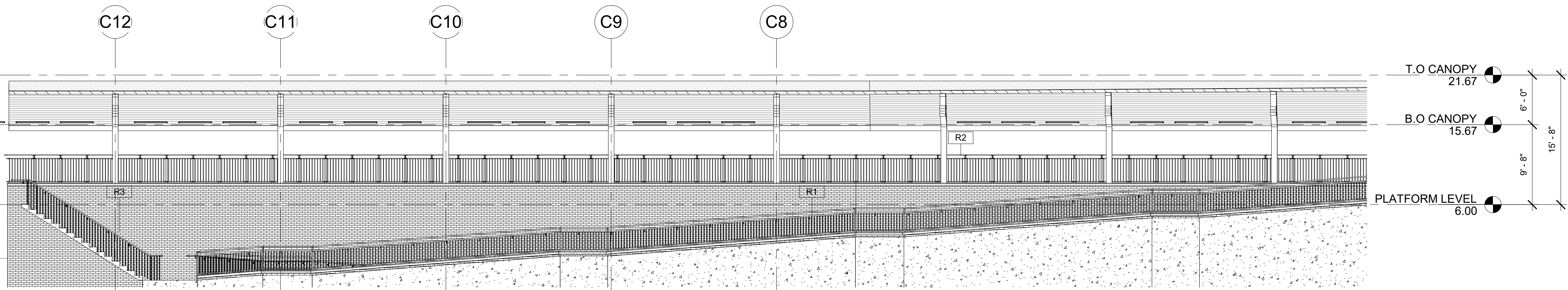
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ISSUED FOR 60 PCT	DRAWN - MZ	REVISED -
PLOT SCALE =	CHECKED - SJS	REVISED -
PLOT DATE =	DATE - OCTOBER 2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL RAMP/STAIRS II - ENLARGED PLANS

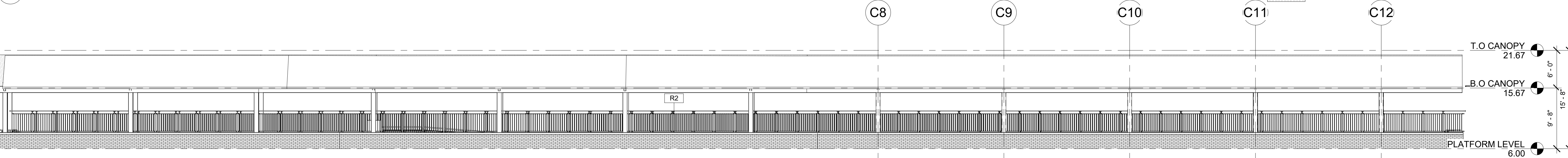
SCALE: AS NOTED SHEET 412 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		412
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

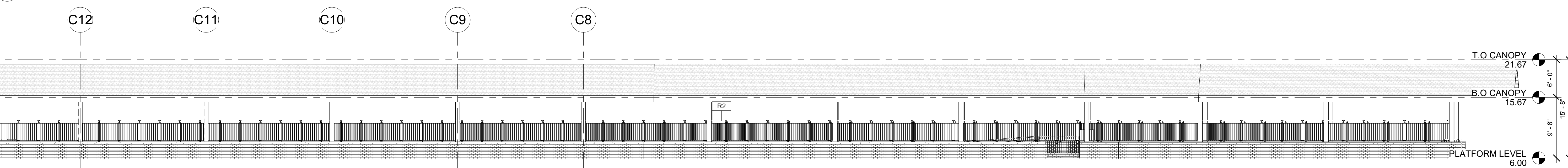


- EXTERIOR MATERIAL LEGEND**
- INSULATED GLASS UNIT - VISION
 - INSULATED GLASS UNIT - SPANDREL
 - BRICK
 - CAST STONE
 - CULTURED STONE
 - PREFINISHED METAL
 - ASPHALT SHINGLE

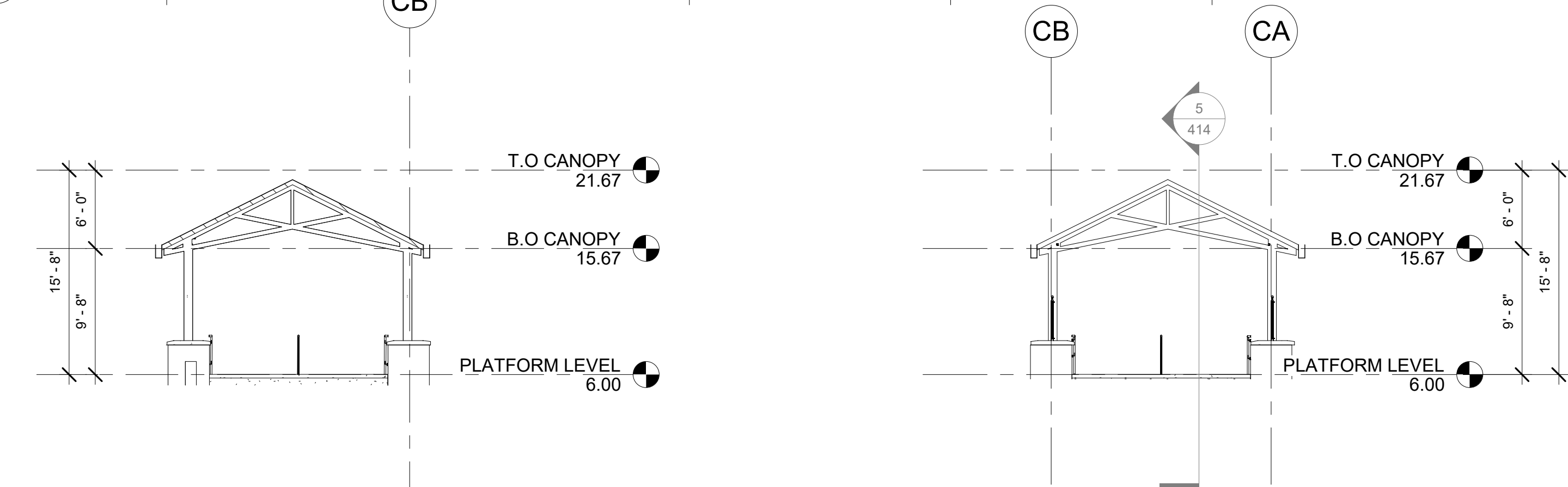
5 RAMP/STAIR II - SECTION
412 1/8" = 1'-0"



2 RAMP/STAIR II - SOUTH ELEVATION
412 1/8" = 1'-0"



1 RAMP/STAIR II - NORTH ELEVATION
412 1/8" = 1'-0"



4 RAMP/STAIR II - WEST ELEVATION
412 1/8" = 1'-0"

3 RAMP/STAIR II - EAST ELEVATION
412 1/8" = 1'-0"

TAG	MATERIAL	BASIS OF DESIGN PRODUCT DESCRIPTION	COLOR / FINISH	REFERENCE SPECIFICATION
E-PNT-01	HIGH PERFORMANCE COATING	PPG CORAFLOX POWDER COATINGS	SW 7068 - IRON ORE	09 91 13
E-MTL-01	PREFINISHED ALUMINUM COPING	COPING	MATCH E-PNT-01	07 71 00
E-DWS-01	PREFINISHED ALUMINUM DOWNSPOUT	DOWNSPOUT	MATCH E-PNT-01	07 71 00
E-SFT-01 / E-GL-01	ALUMINUM STOREFRONT WITH INSULATED GLASS	E-SFT-01: KAWNEER NORTH AMERICA / E-GL-01: GUARDIAN GLASS; 1" INSULATED GLASS LOW-E - CLEAR	DARK BRONZE ANNOXIDIZED / SNX51/23	08 41 13 AND 08 80 00
E-SFT-01 / E-GL-02	ALUMINUM STOREFRONT WITH INSULATED SPANDREL GLASS	E-SFT-01: KAWNEER NORTH AMERICA / E-GL-02: GUARDIAN GLASS; 1" INSULATED GLASS LOW-E : SPANDREL WITH MINERAL WOOL BOARD INSULATION AND METAL BACK PAN	DARK BRONZE ANNOXIDIZED FRAMES AND BACK PAN / SNX51/23 WITH MEDIUM GRAY SPANDREL	08 41 10 AND 08 80 00
E-LVR-01	PREFINISHED ALUMINUM LOUVER	HIGH PERFORMANCE COATING FINISH	MATCH E-BRK-01	10 20 00
E-ST-01	CAST STONE	ARCHITECTURAL CAST STONE	MATCH E-ST-02	04 72 00
E-ST-02	ADHERED STONE VENEER	ELDORADO STONE; MANUFACTURED STONE	ROUGH CUT; CASA BLANCA	04 43 13.16
E-BRK-01	UNIT BRICK	SUMMIT BRICK COMPANY; MODULAR SIZE	CHERRY CREEK	04 20 00
E-RF-01	ARCHITECTURAL ASPHALT SHINGLES	ATLAS ROOFING CORPORATION; STORMMASTER SHAKE	MOONLIGHT BEACH	07 31 13
E-WD-01	LINEAR METAL CEILINGS	ARMSTRONG; METALWORKS LINEAR - SYNCHRO	CHERRY	09 54 23
E-WD-02	WOOD ROOF DECKING	SOLID TONGUE AND GROOVE DECKING	CHERRY COLOR STAIN	06 15 16



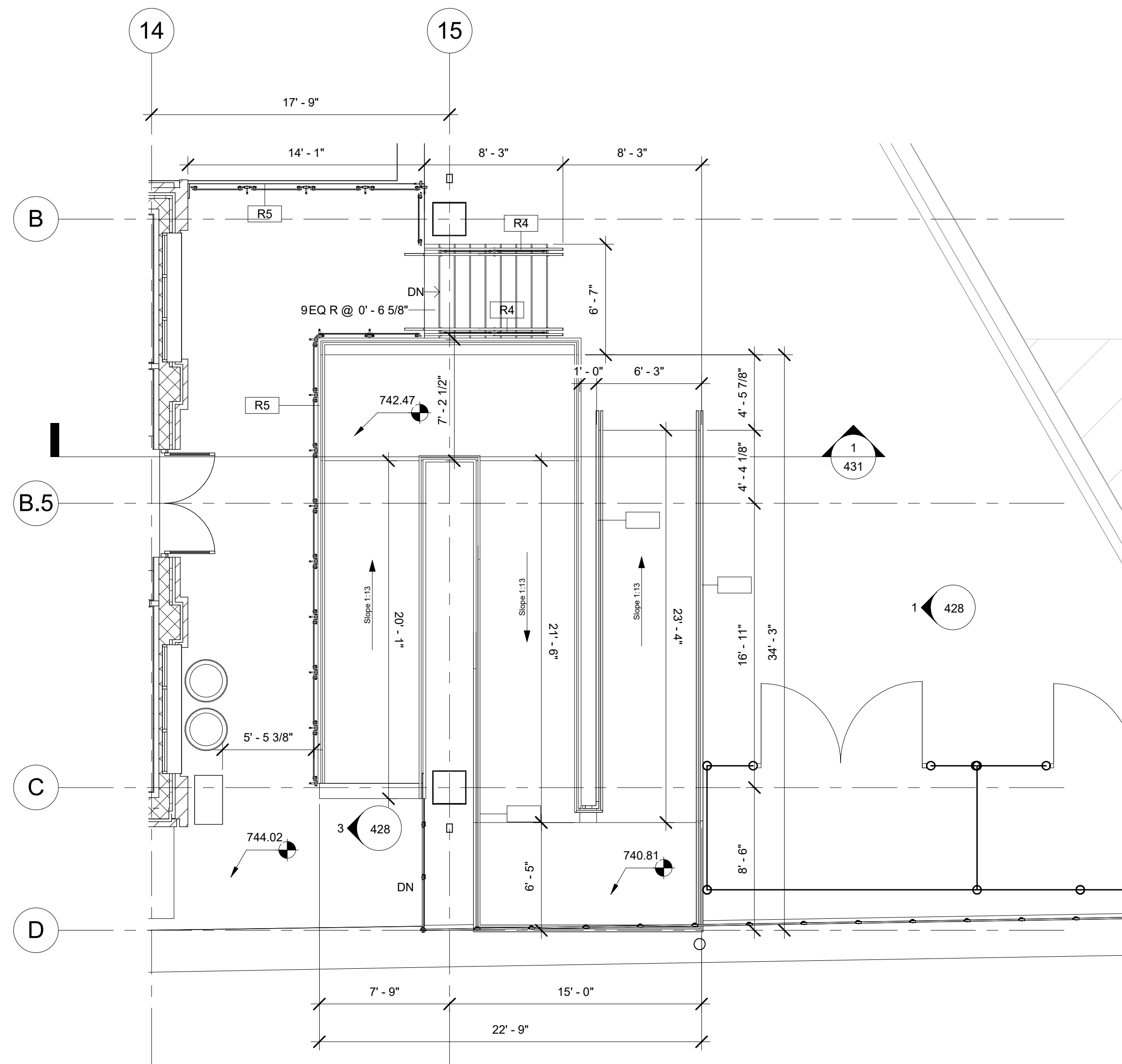
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PLOT SCALE	=	CHECKED	- SJS	REVISED	-
PLOT DATE	=	DATE	- OCTOBER 2024	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

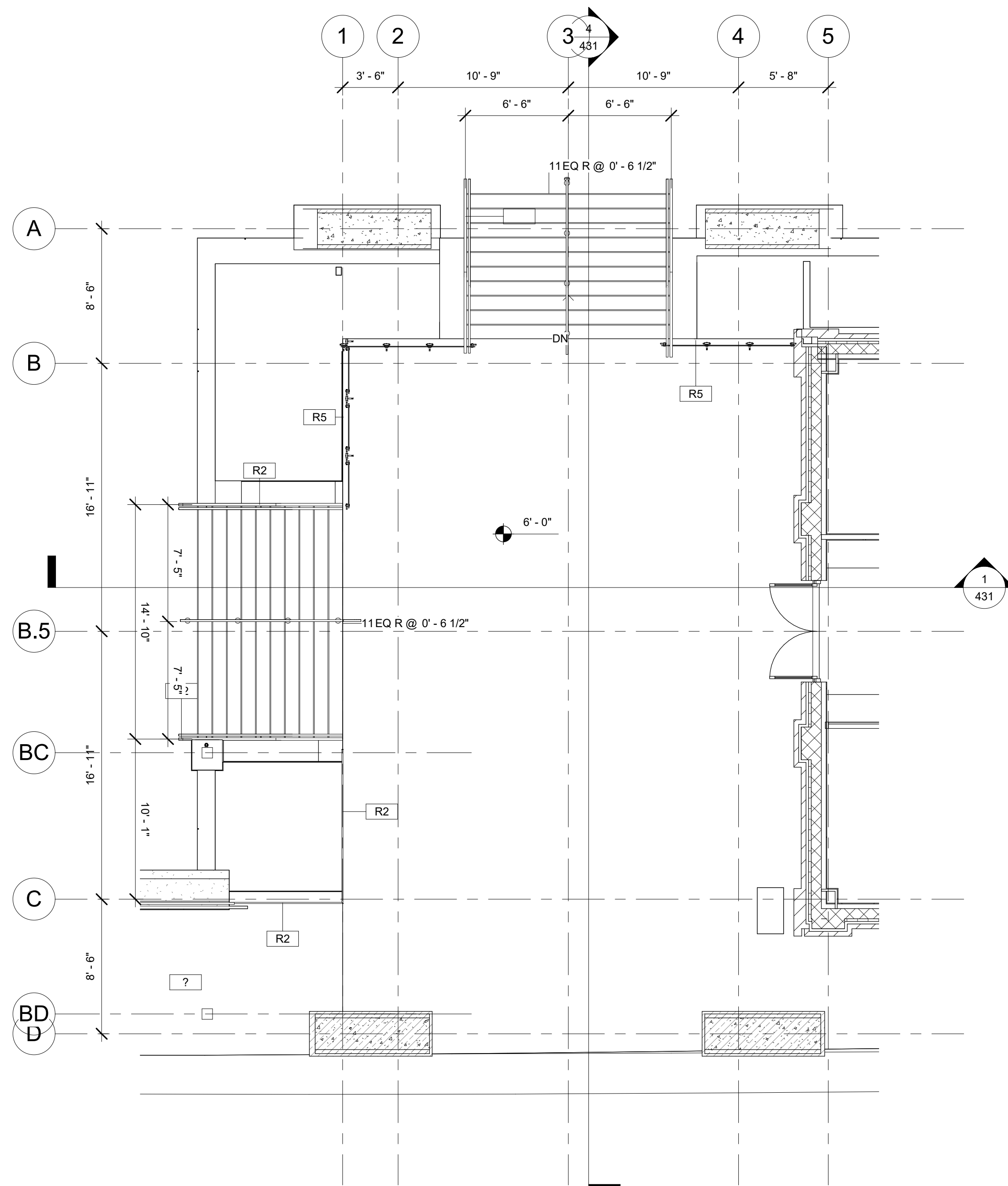
ARCHITECTURAL RAMP/STAIRS II - ELEVATIONS & SECTIONS

SCALE: AS NOTED SHEET 414 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		414
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		



① SITE PLAN - PART B - Callout 1
3/16" = 1'-0"



② SITE PLAN - PART B - Callout 2
3/16" = 1'-0"



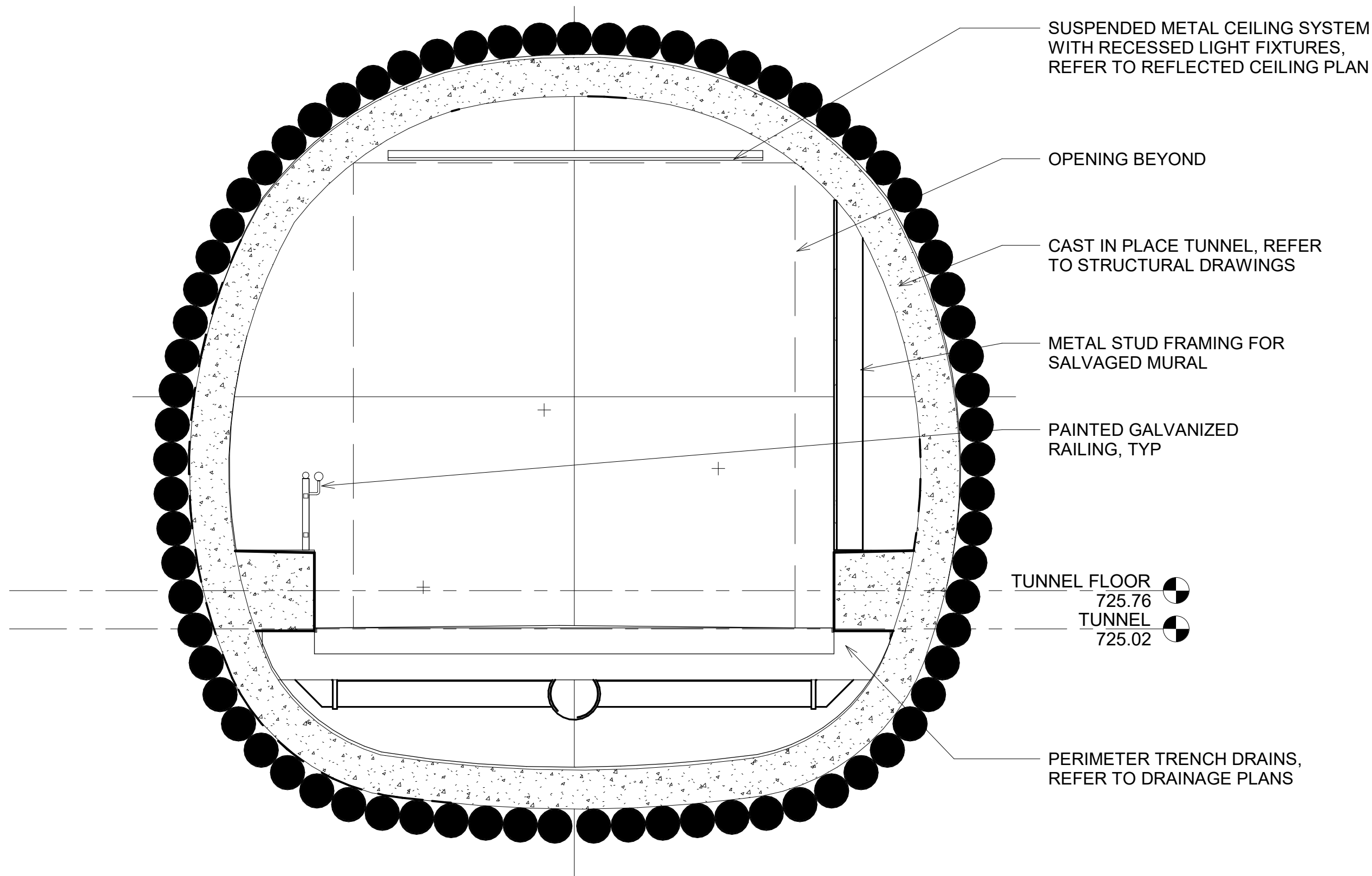
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PLOT DATE =	DATE - OCTOBER 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARCHITECTURAL STATION RAMP/STAIRS - ENLARGED PLANS

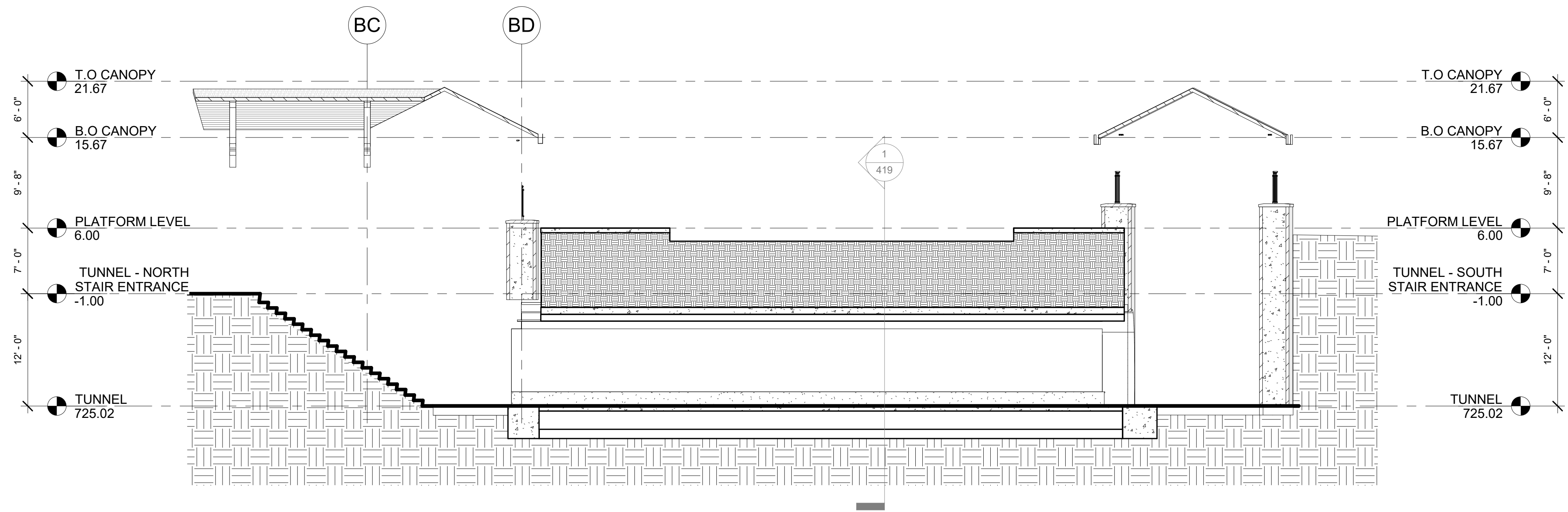
SCALE: AS NOTED SHEET 416 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				416
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



1
419
1/2" = 1'-0"

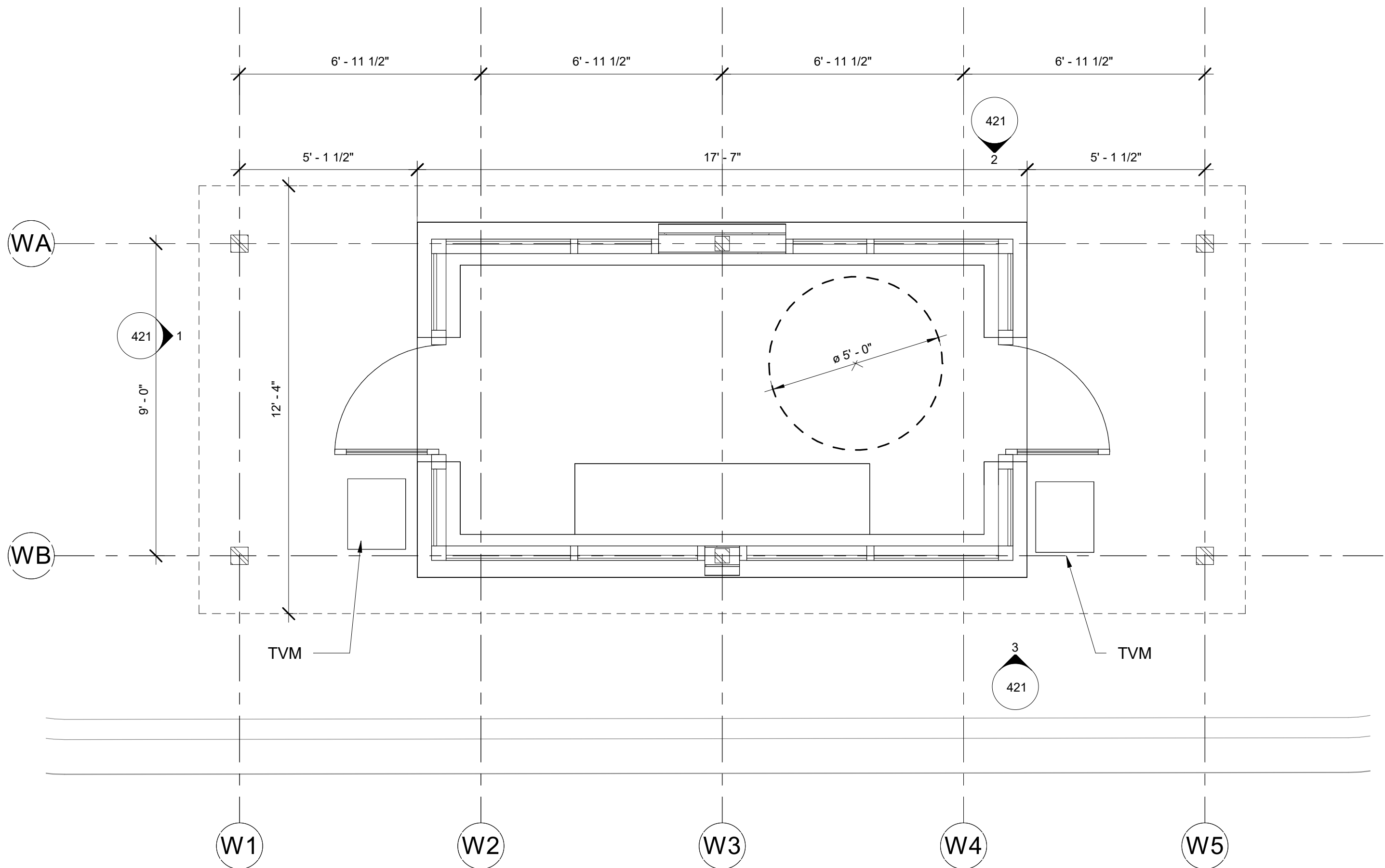
TUNNEL SECTION W-E



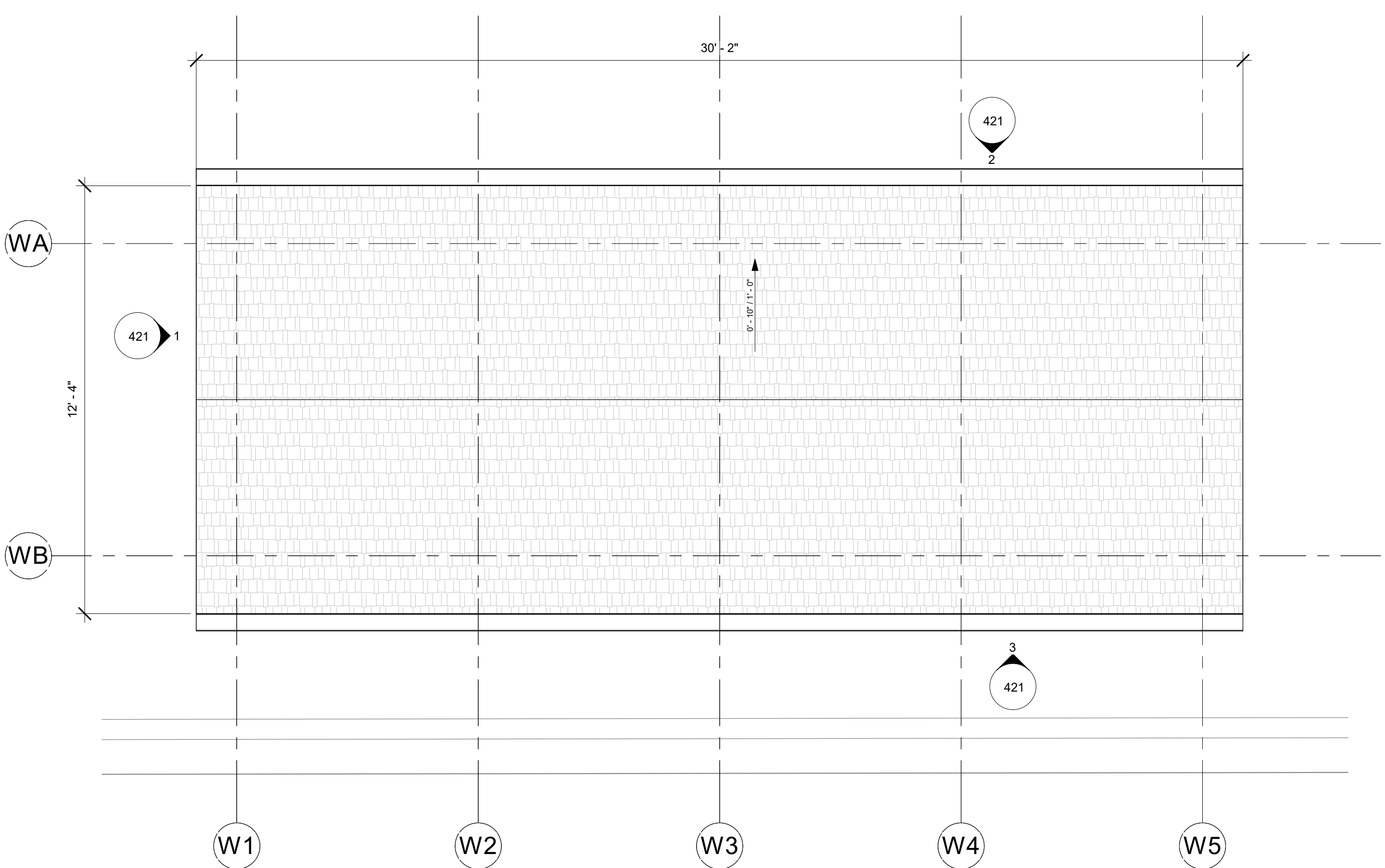
2
419
1/8" = 1'-0"

TUNNEL SECTION N-S

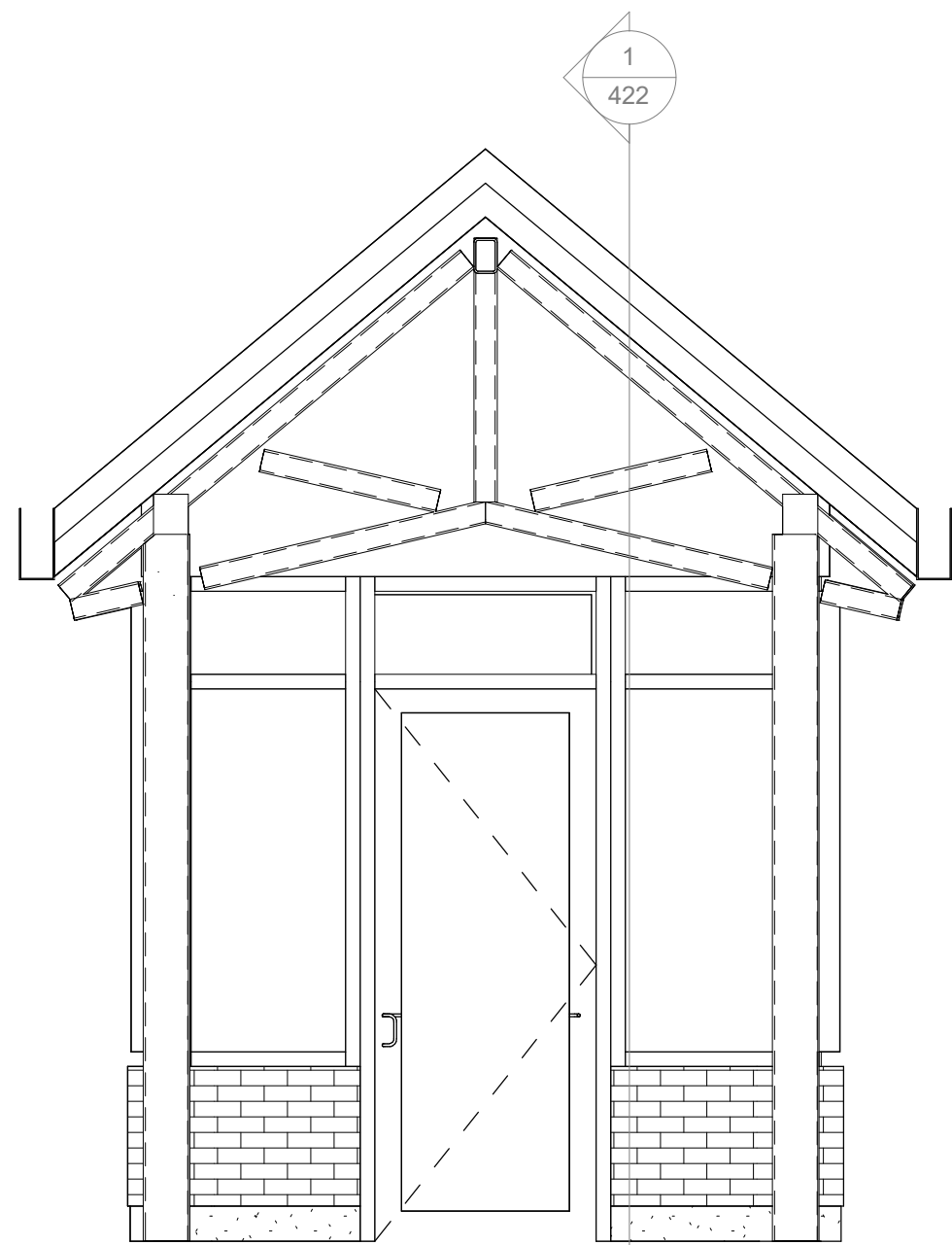
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	ISSUED FOR 60 PCT	DRAWN - CP	REVISED -									419
	PLOT SCALE =	CHECKED - SJS	REVISED -		SCALE: AS NOTED			CONTRACT NO.				
	PLOT DATE =	DATE - OCTOBER 2024	REVISED -		SHEET 419	OF	SHEETS	ILLINOIS FED. AID PROJECT				



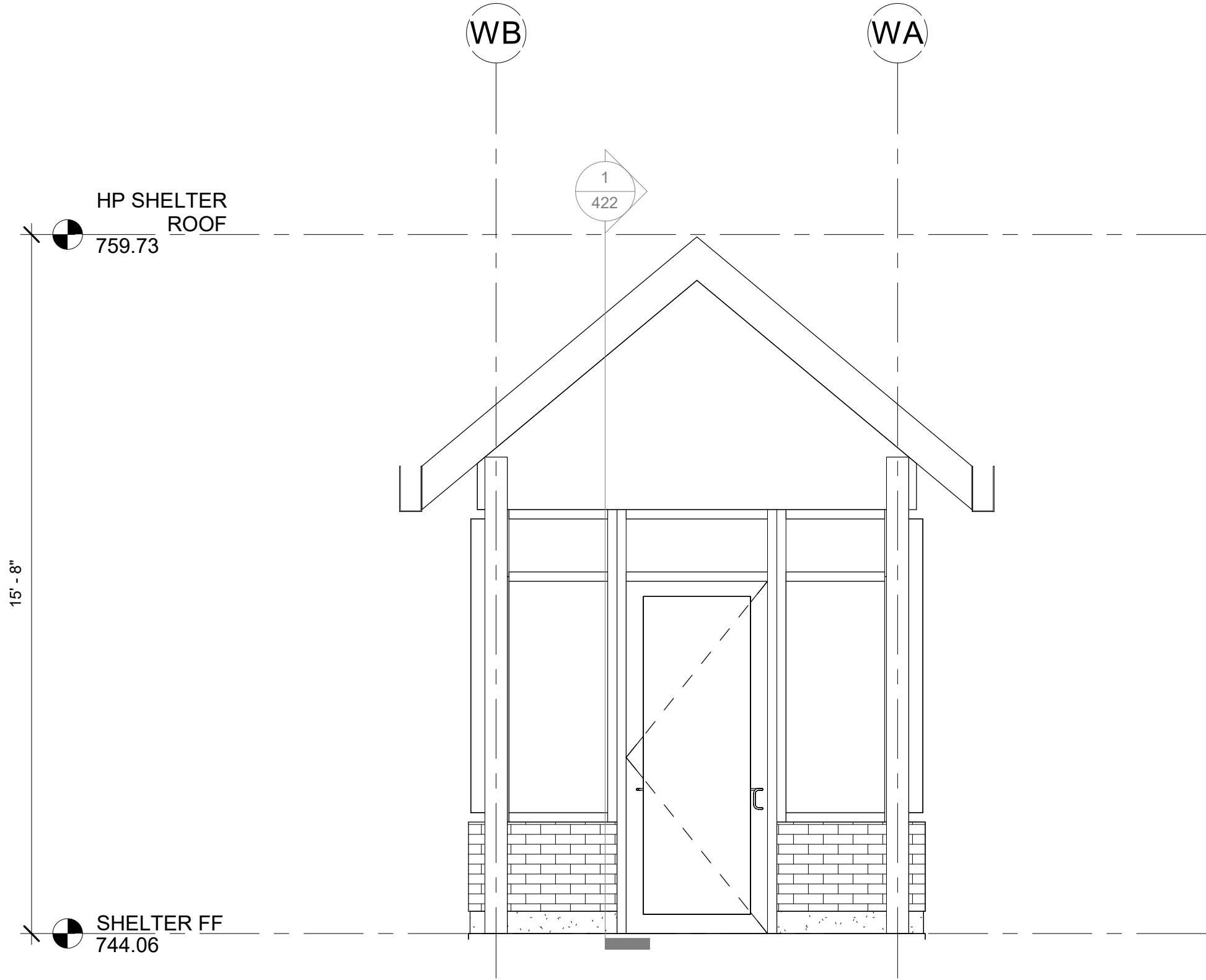
1 SHELTER FLOOR PLAN
408 3/8" = 1'-0"



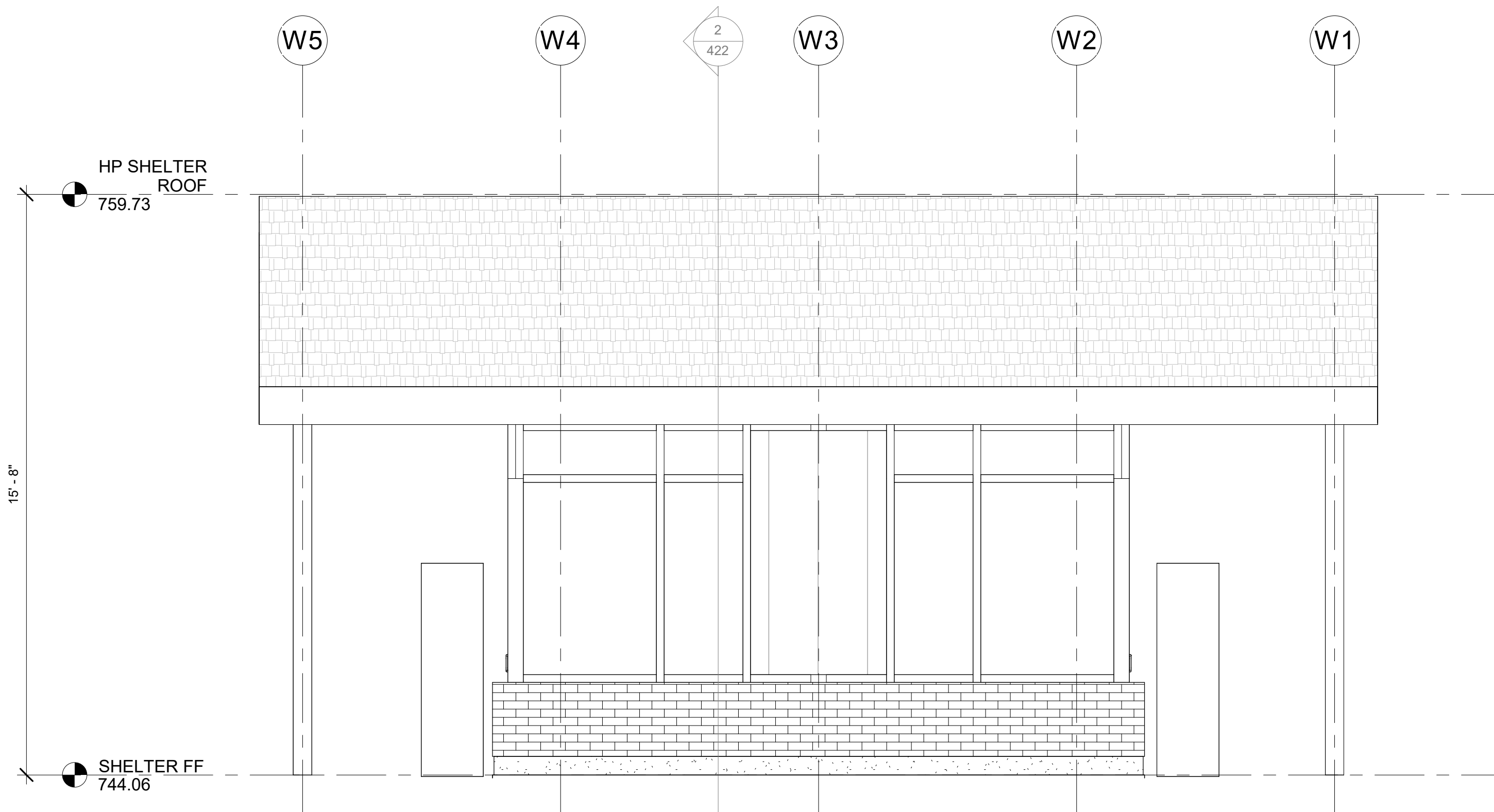
2 SHELTER ROOF PLAN
3/8" = 1'-0"



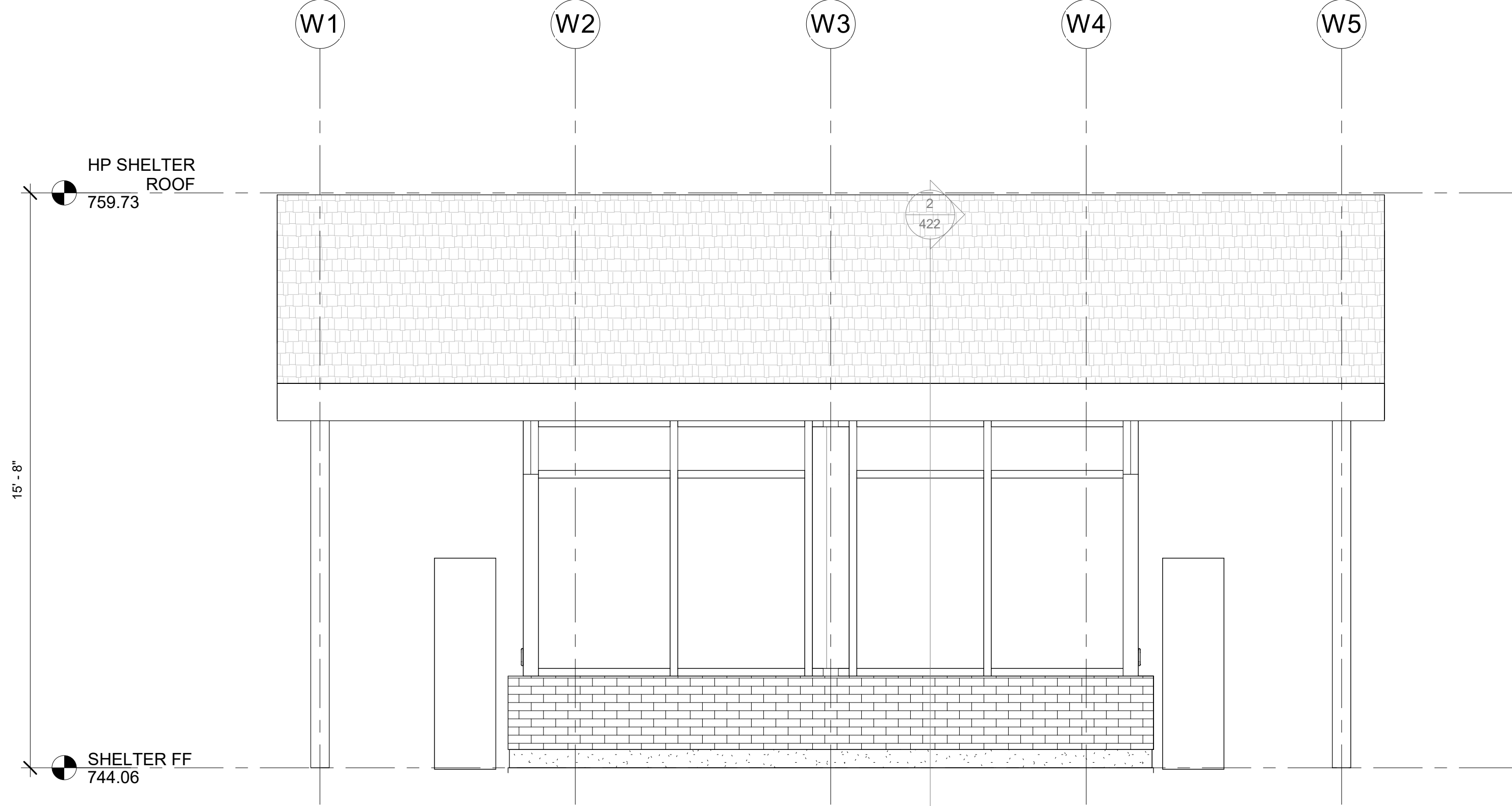
1
421
SHELTER ELEVATION
3/8" = 1'-0"



4
421
SHELTER ELEVATION
3/8" = 1'-0"



2
421
SHELTER ELEVATION
3/8" = 1'-0"



3
421
SHELTER ELEVATION
3/8" = 1'-0"



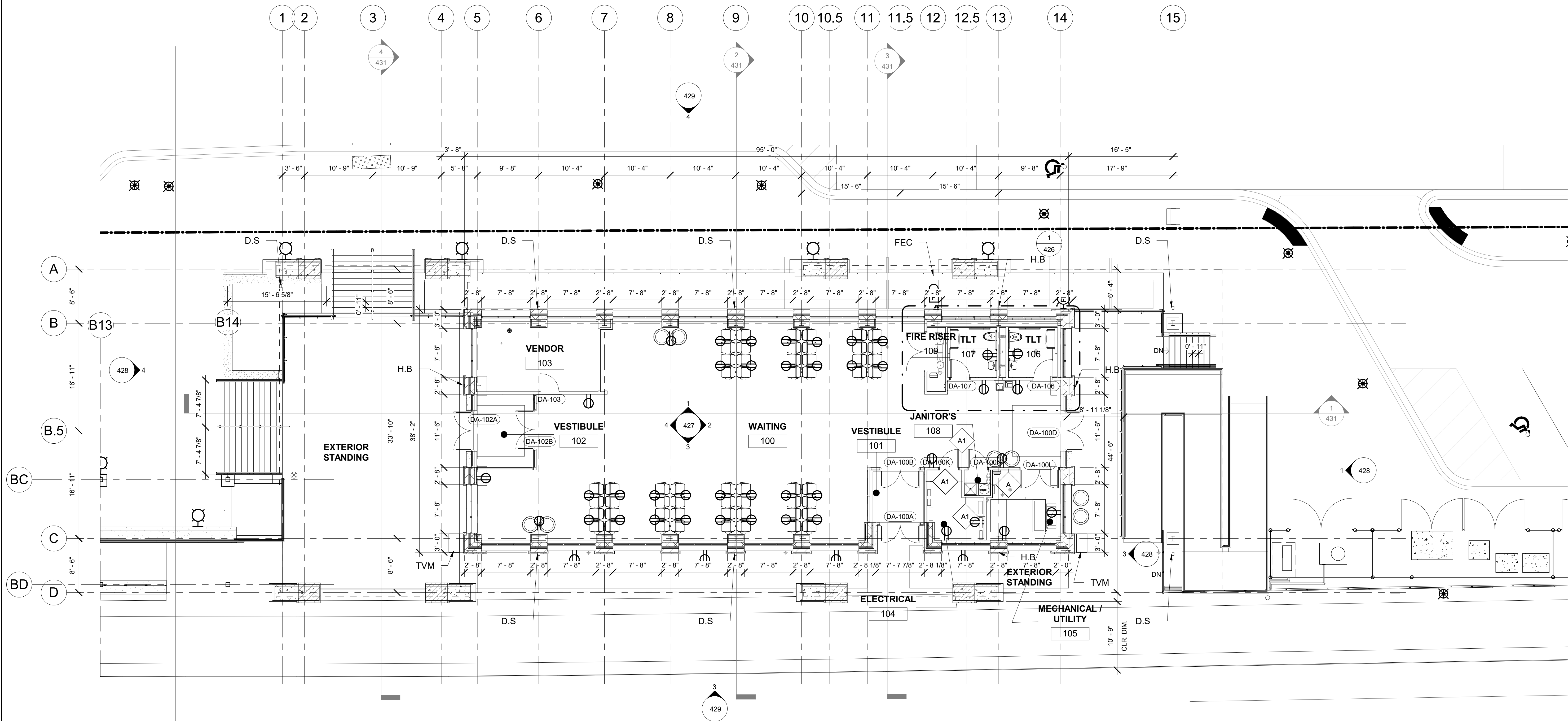
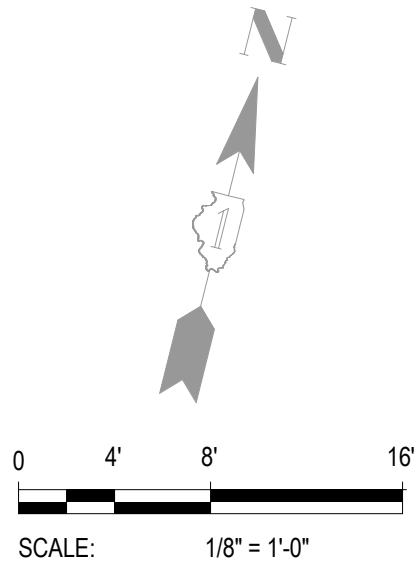
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ISSUED FOR	60 PCT	DRAWN	- CP	REVISED	-
PLOT SCALE	=	CHECKED	- SJS	REVISED	-
PLOT DATE	=	DATE	- OCTOBER 2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL SHELTER - EXTERIOR ELEVATIONS

SCALE: AS NOTED SHEET 421 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		421
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



1
423
INBOUND GROUND FLOOR PLAN
1/8" = 1'-0"



USER NAME	=	DESIGNED	- CP	REVISED	-
ISSUED FOR	60 PCT	DRAWN	- CP	REVISED	-
PLOT SCALE	=	CHECKED	- SJS	REVISED	-
PLOT DATE	=	DATE	- OCTOBER 2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

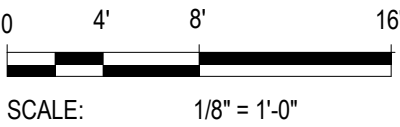
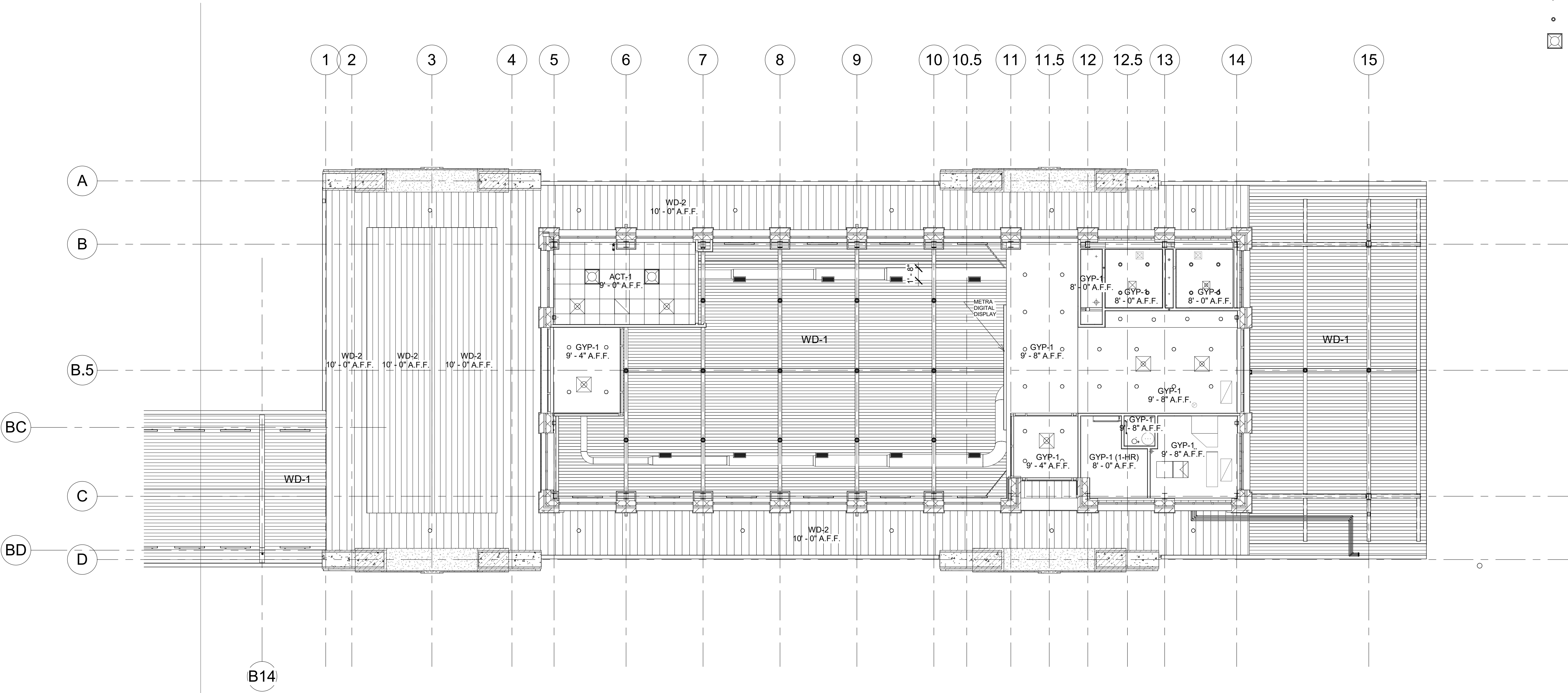
ARCHITECTURAL FLOOR PLAN

SCALE: AS NOTED SHEET 423 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		423
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

REFLECTED CEILING PLAN LEGEND

- ACT-1: 2 X 2 ACOUSTIC PERFORATED METAL CEILING
- GYP-1: GYPSUM BOARD CEILING
- WD-2: ACOUSTIC PERFORATED METAL PLANK
CEILING WITH WOOD FINISH
- WD-1: TONGUE AND GROOVE WOOD ROOF DECKING
- UP-LIGHT WALL SCONCE
- SURFACE MOUNTED DOWNLIGHT
- RECESSED CAN DOWNLIGHT
- RECESSED CAN DOWNLIGHT
- 2X2 TROFFER LIGHT



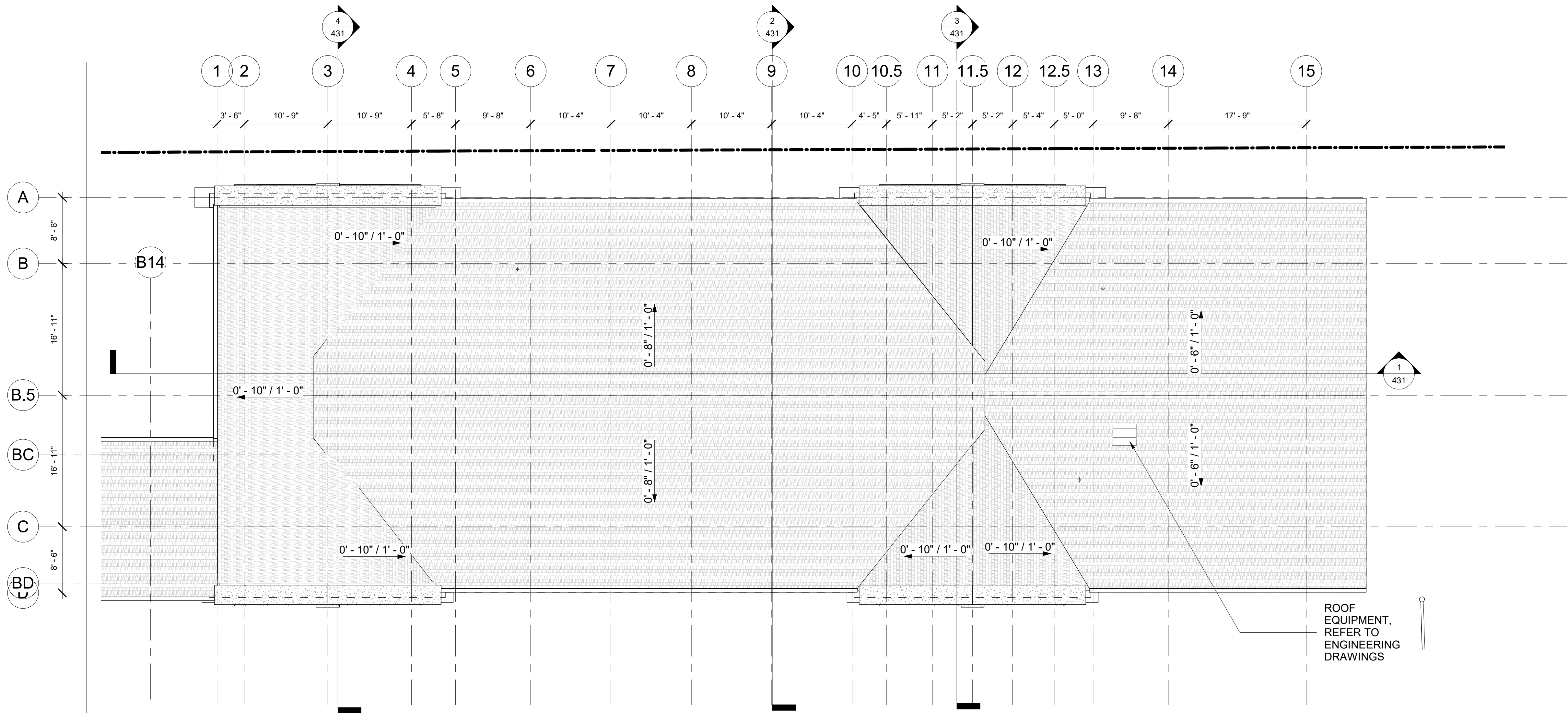
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PLOT DATE =	DATE - OCTOBER 2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

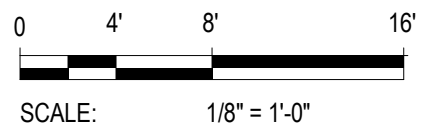
ARCHITECTURAL REFLECTED CEILING PLANS

SCALE: AS NOTED SHEET 424 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		424
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



ROOF PLAN
1/8" = 1'-0"



USER NAME =	DESIGNED - CP	REVISED -
ISSUED FOR 60 PCT	DRAWN - CP	REVISED -
PLOT SCALE =	CHECKED - SJS	REVISED -
PLOT DATE =	DATE - OCTOBER 2024	REVISED -

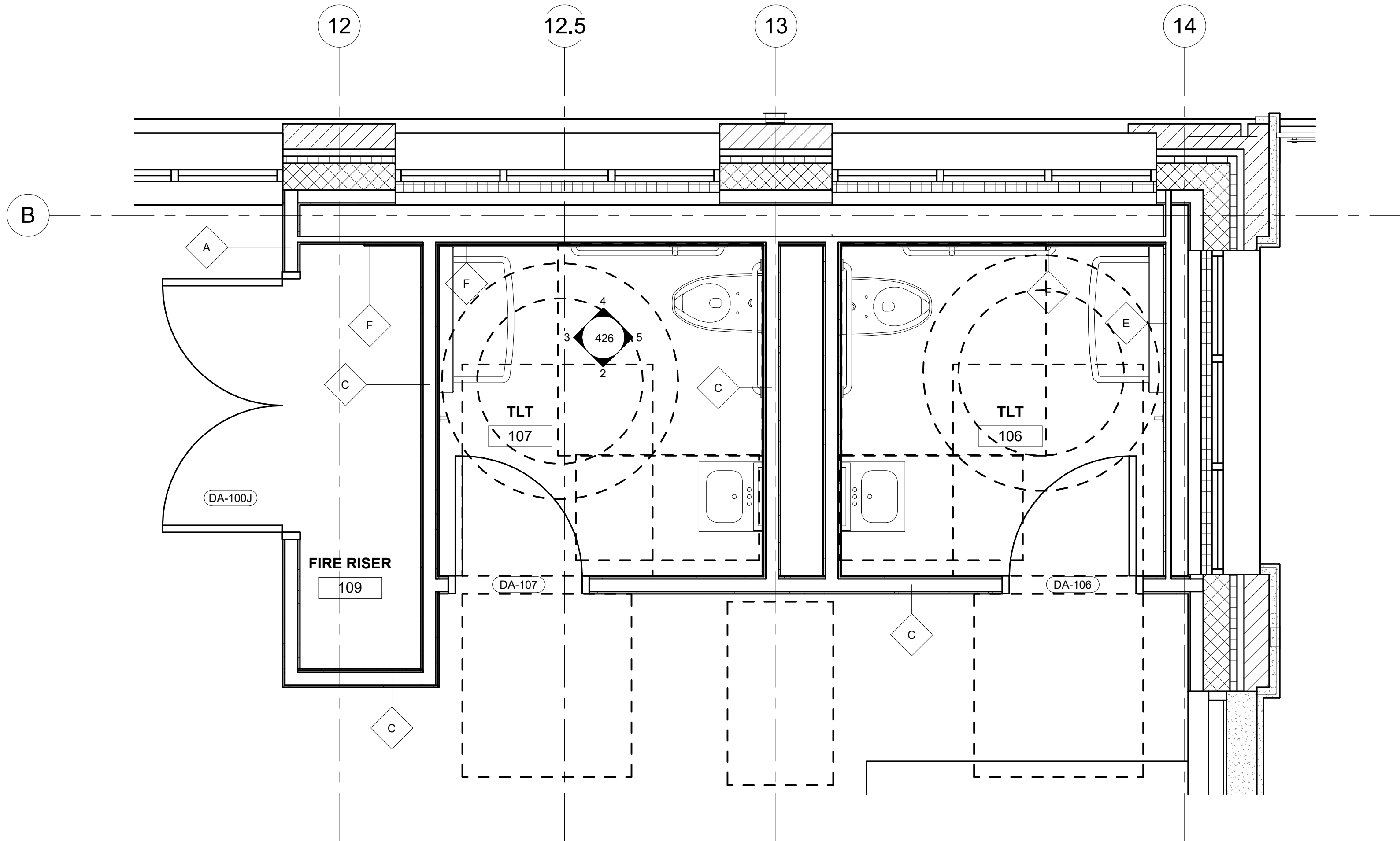
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL ROOF PLAN

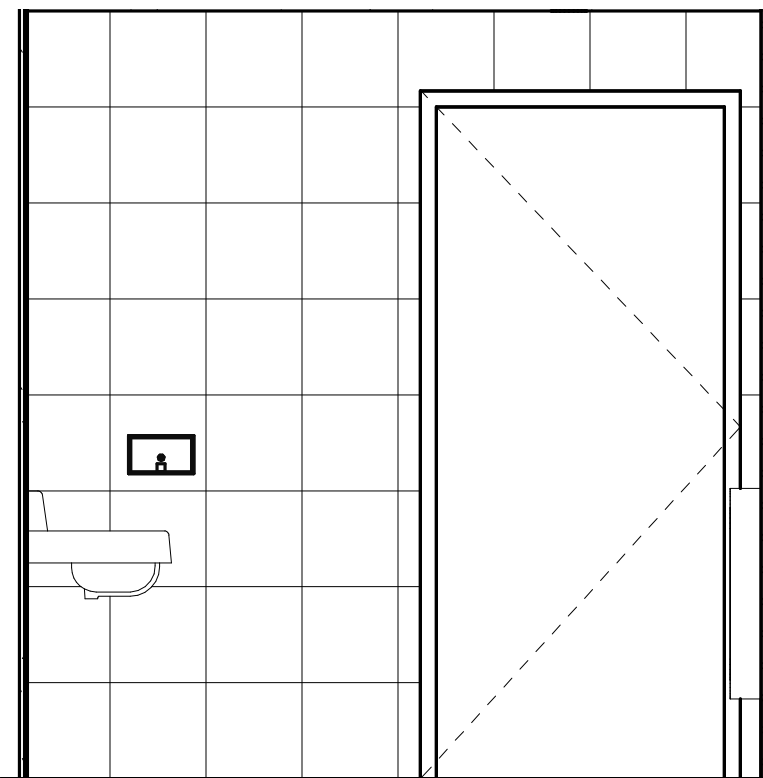
SCALE: AS NOTED SHEET 425 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		425
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

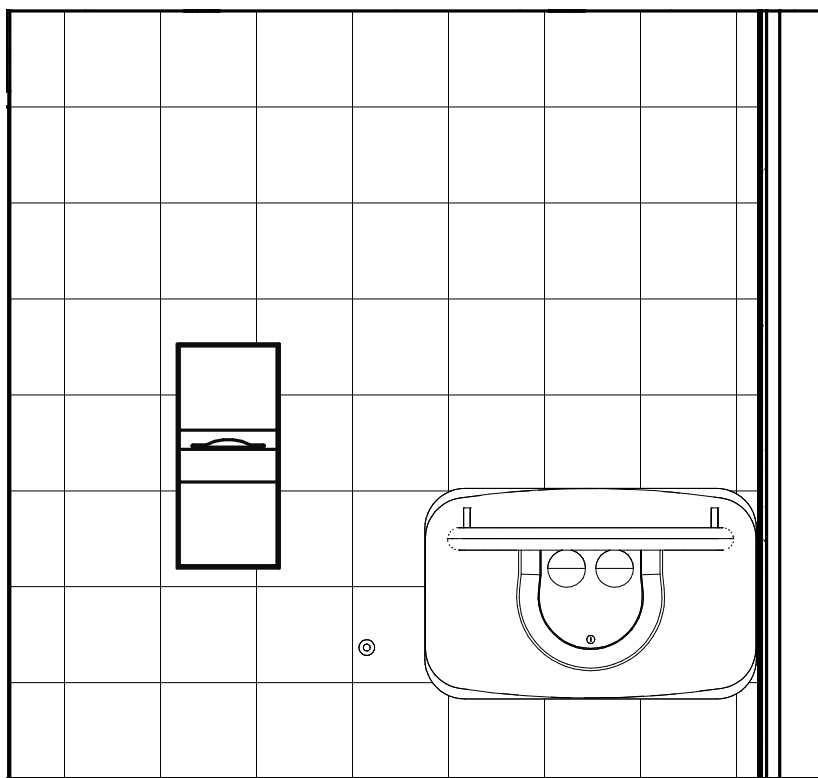
TOILET ACCESSORY SCHEDULE					
TAG	ITEM NAME	BOD MANUFACTURER	BOD MODEL	MATERIAL/FINISH	COMMENTS
TA-01	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	STAINLESS STEEL	
TA-02	SURFACE MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER	BOBRICK	B-4288	STAINLESS STEEL	
TA-03	18" GRAB BAR (VERTICAL)	BOBRICK	B-5806X18	STAINLESS STEEL	
TA-04	36" GRAB BAR	BOBRICK	B-5806X36	STAINLESS STEEL	
TA-05	42" GRAB BAR	BOBRICK	B-5806X42	STAINLESS STEEL	
TA-06	22X48 MIRROR	BOBRICK	B-290	N/A	SEE ELEVATIONS
TA-07	PAPER TOWEL DISPENSER AND WASTE RECEPTACLE	BOBRICK	B-3942	STAINLESS STEEL	
TA-09	WALL MOUNTED SOAP DISPENSER		B-4112	STAINLESS STEEL	
TA-10	BABY CHANGING STATION				



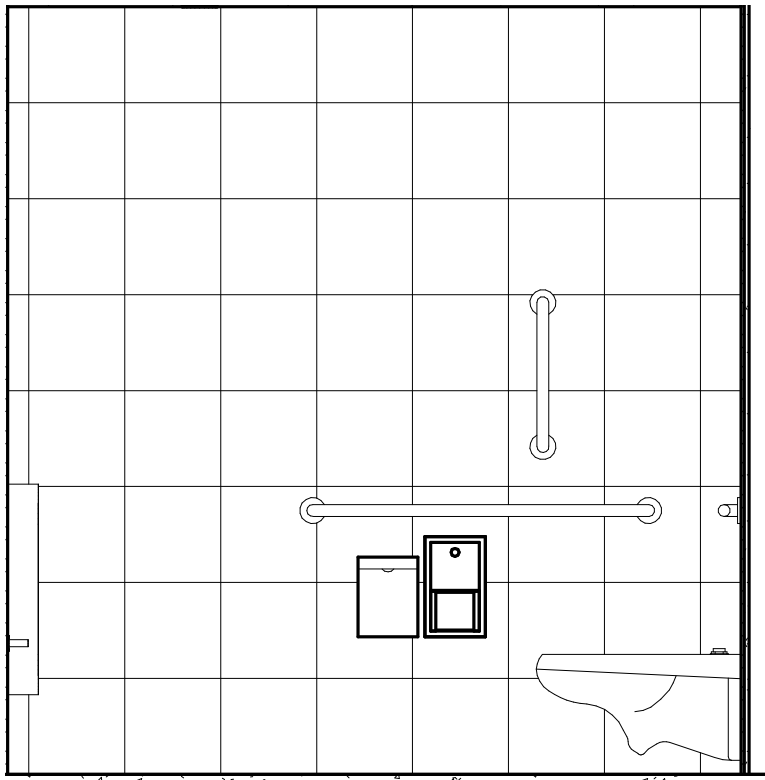
1 ENLARGED TOILET
423 1/2" = 1'-0"



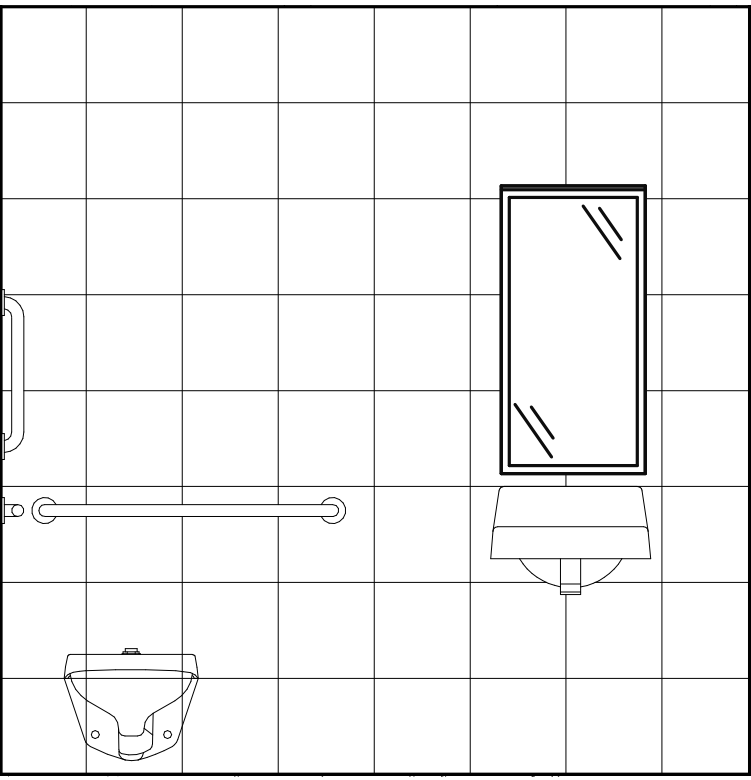
2 TOILET ROOM INTERIOR ELEVATION
426 1/2" = 1'-0"



3 TOILET ROOM INTERIOR ELEVATION
426 1/2" = 1'-0"



4 TOILET ROOM INTERIOR ELEVATION
426 1/2" = 1'-0"



5 TOILET ROOM INTERIOR ELEVATION
426 1/2" = 1'-0"

CDM Smith	USER NAME =	DESIGNED - CP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL ENLARGED FLOOR PLAN AND ELEVATIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ISSUED FOR 60 PCT	DRAWN - CP	REVISED -							DUPAGE		426
	PLOT SCALE =	CHECKED - SJS	REVISED -		SCALE: AS NOTED			SHEET 426 OF SHEETS			CONTRACT NO.	
	PLOT DATE =	DATE - OCTOBER 2024	REVISED -									



4 WAITING INTERIOR ELEVATION
423 3/16" = 1'-0"



3 WAITING INTERIOR ELEVATION
416 3/16" = 1'-0"



1 WAITING INTERIOR ELEVATION
416 3/16" = 1'-0"



2 WAITING INTERIOR ELEVATION
423 3/16" = 1'-0"



USER NAME	=	DESIGNED	- CP	REVISED	-
ISSUED FOR	60 PCT	DRAWN	- CP	REVISED	-
PLOT SCALE	=	CHECKED	- SJS	REVISED	-
PLOT DATE	=	DATE	- OCTOBER 2024	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

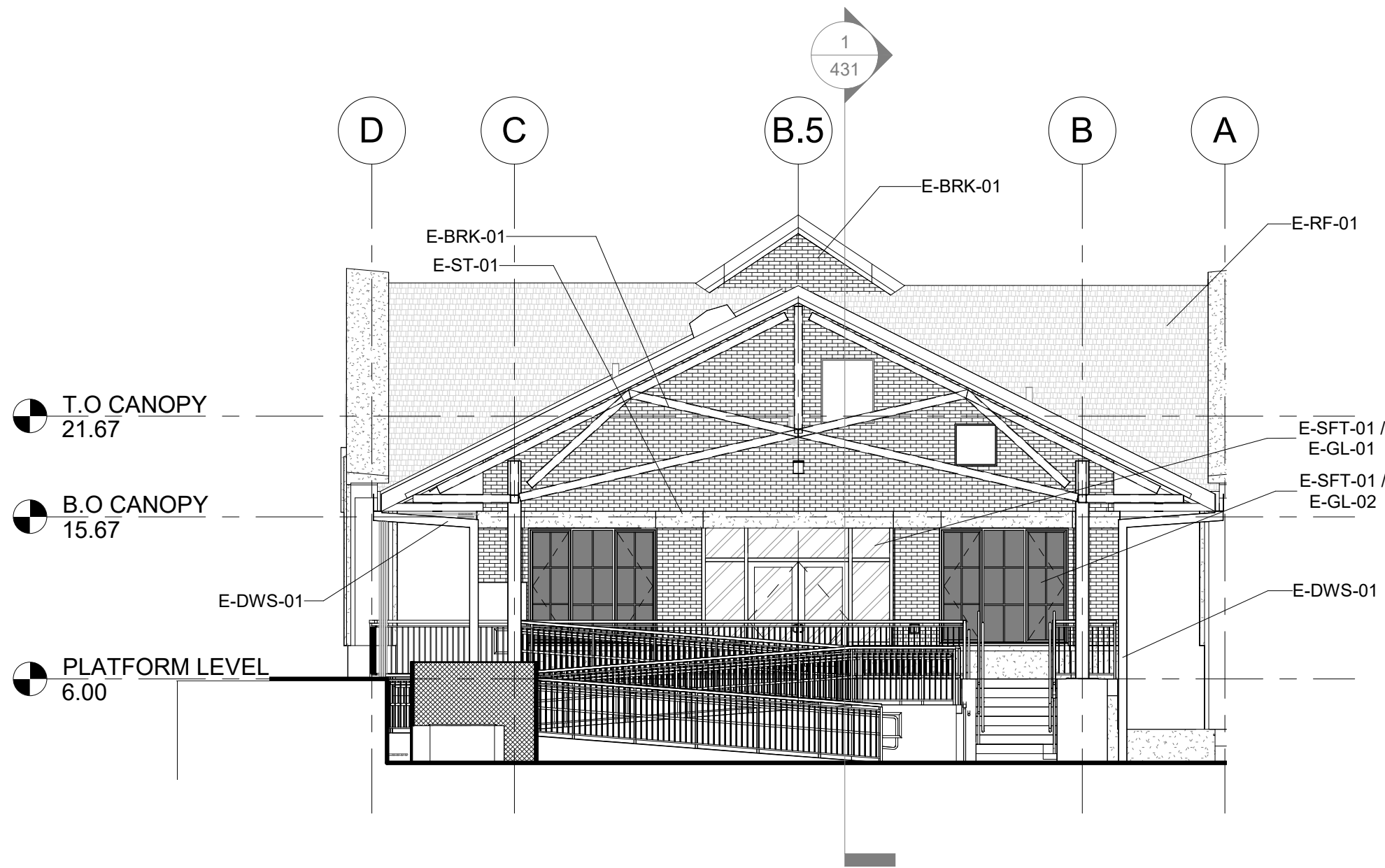
ARCHITECTURAL INTERIOR ELEVATIONS

SCALE: AS NOTED SHEET 427 OF SHEETS

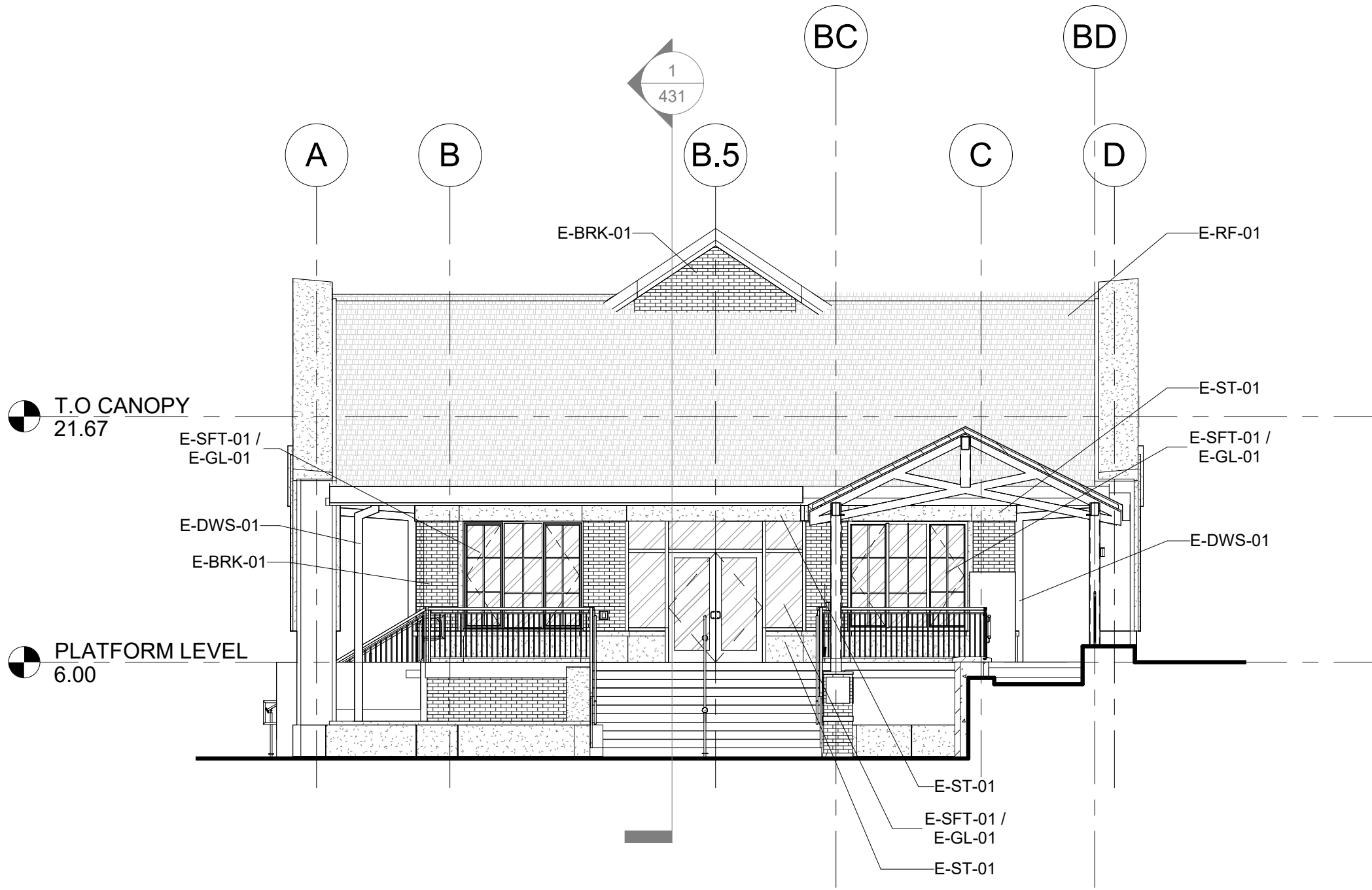
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		427
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

EXTERIOR MATERIAL LEGEND

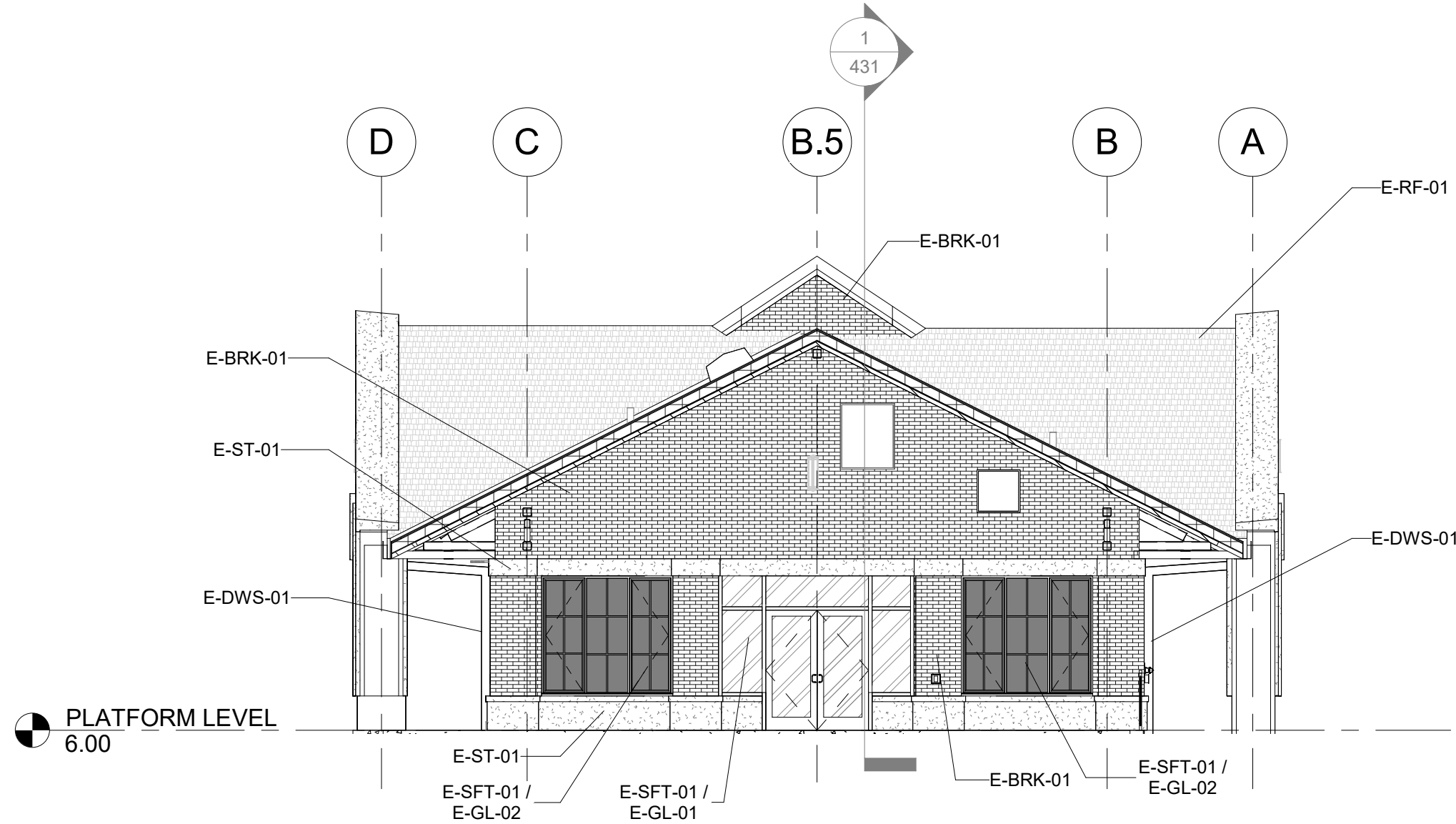
- INSULATED GLASS UNIT - VISION
- INSULATED GLASS UNIT - SPANDREL
- BRICK
- CAST STONE
- CULTURED STONE
- PREFINISHED METAL
- ASPHALT SHINGLE



1 EAST EXTERIOR ELEVATION

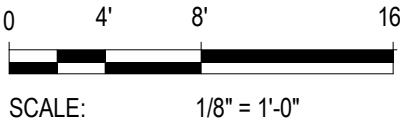


4 WEST EXTERIOR ELEVATION



3 EAST HIDDEN EXTERIOR ELEVATION

TAG	MATERIAL	BASIS OF DESIGN PRODUCT DESCRIPTION	COLOR / FINISH	REFERENCE SPECIFICATION
E-PNT-01	HIGH PERFORMANCE COATING	PPG CORAFALON POWDER COATINGS	SW 7068 - IRON ORE	09 91 13
E-MTL-01	PREFINISHED ALUMINUM COPING	COPING	MATCH E-PNT-01	07 71 00
E-DWS-01	PREFINISHED ALUMINUM DOWNSPOUT	DOWNSPOUT	MATCH E-PNT-01	07 71 00
E-SFT-01 / E-GL-01	ALUMINUM STOREFRONT WITH INSULATED GLASS	E-SFT-01: KAWNEER NORTH AMERICA / E-GL-01: GUARDIAN GLASS; 1" INSULATED GLASS LOW-E - CLEAR	DARK BRONZE ANNOIDIZED / SNX51/23	08 41 13 AND 08 80 00
E-SFT-01 / E-GL-02	ALUMINUM STOREFRONT WITH INSULATED SPANDREL GLASS	E-SFT-01: KAWNEER NORTH AMERICA / E-GL-02: GUARDIAN GLASS; 1" INSULATED GLASS LOW-E - SPANDREL WITH MINERAL WOOL BOARD INSULATION AND METAL BACK PAN	DARK BRONZE ANNOIDIZED FRAMES AND BACK PAN / SNX51/23 WITH MEDIUM GRAY SPANDREL	08 41 10 AND 08 80 00
E-LVR-01	PREFINISHED ALUMINUM LOUVER	HIGH PERFORMANCE COATING FINISH	MATCH E-BRK-01	10 20 00
E-ST-01	CAST STONE	ARCHITECTURAL CAST STONE	MATCH E-ST-02	04 72 00
E-ST-02	ADHERED STONE VENEER	ELDORADO STONE; MANUFACTURED STONE	ROUGH CUT; CASA BLANCA	04 43 13.16
E-BRK-01	UNIT BRICK	SUMMIT BRICK COMPANY; MODULAR SIZE	CHERRY CREEK	04 20 00
E-RF-01	ARCHITECTURAL ASPHALT SHINGLES	ATLAS ROOFING CORPORATION; STORMMASTER SHAKE	MOONLIGHT BEACH	07 31 13
E-WD-01	LINEAR METAL CEILINGS	ARMSTRONG; METALWORKS LINEAR - SYNCHRO	CHERRY	09 54 23
E-WD-02	WOOD ROOF DECKING	SOLID TONGUE AND GROOVE DECKING	CHERRY COLOR STAIN	06 15 16



USER NAME	=	DESIGNED	- CP	REVISED	-
ISSUED FOR	60 PCT	DRAWN	- CP	REVISED	-
PLOT SCALE	=	CHECKED	- SJS	REVISED	-
PLOT DATE	=	DATE	- OCTOBER 2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL BUILDING ELEVATIONS

SCALE: AS NOTED SHEET 428 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DUPAGE	428
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

	INSULATED GLASS UNIT - VISION
	INSULATED GLASS UNIT - SPANDREL
	BRICK
	CAST STONE
	CULTURED STONE
	PREFINISHED METAL
	ASPHALT SHINGLE

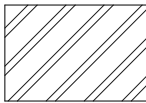
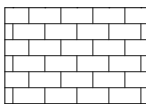
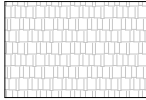


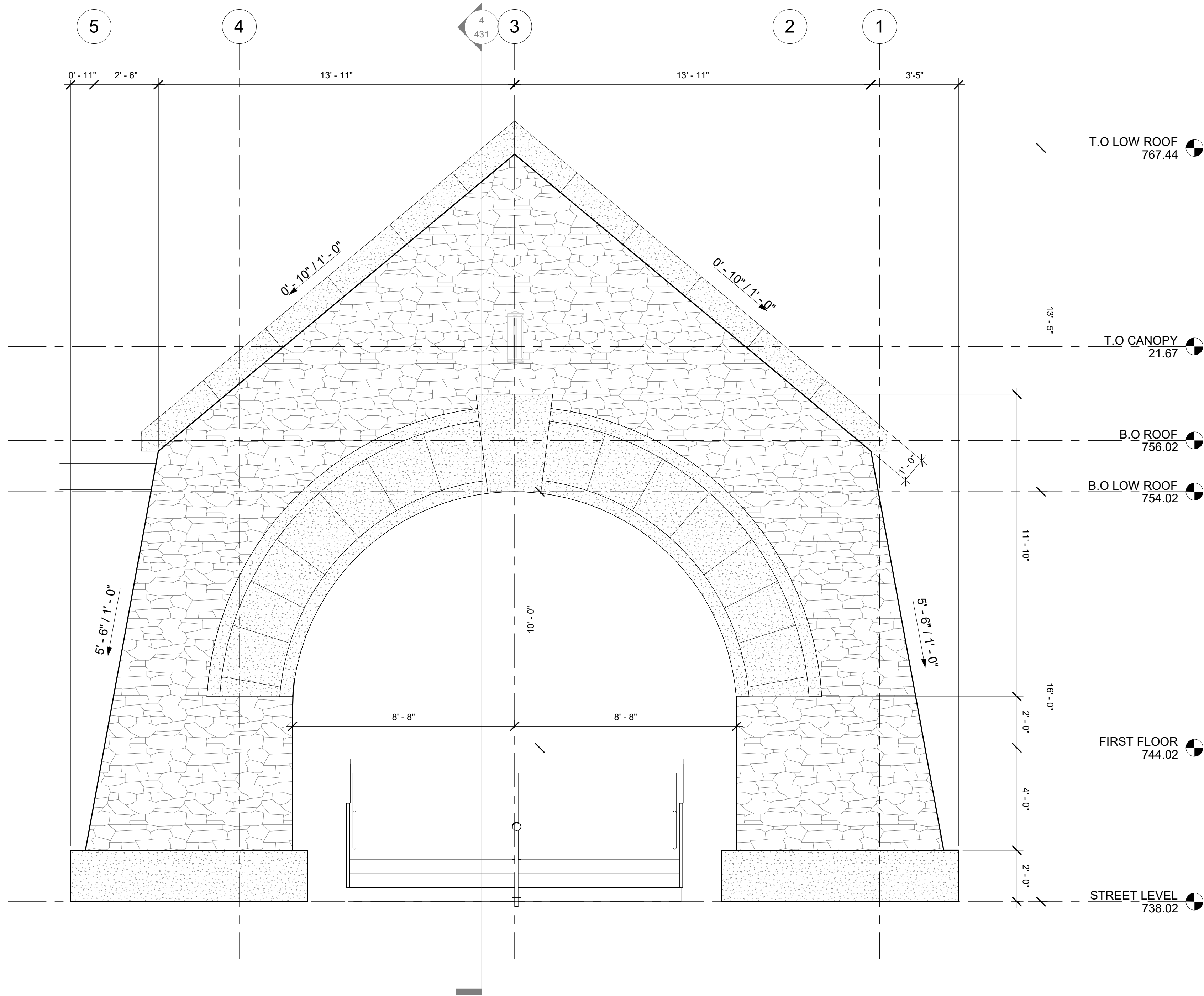
**CDM
Smith**

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARCHITECTURAL BUILDING ELEVATIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					DUPAGE		429
			CONTRACT NO.				
SCALE: AS NOTED	SHEET 429 OF	SHEETS	ILLINOIS FED. AID PROJECT				

EXTERIOR MATERIAL LEGEND

-  INSULATED GLASS UNIT - VISION
-  INSULATED GLASS UNIT - SPANDREL
-  BRICK
-  CAST STONE
-  CULTURED STONE
-  PREFINISHED METAL
-  ASPHALT SHINGLE



1 TYPICAL ARCH EXTERIOR ELEVATION
3/8" = 1'-0"

TAG	MATERIAL	BASIS OF DESIGN PRODUCT DESCRIPTION	COLOR / FINISH	REFERENCE SPECIFICATION
E-PNT-01	HIGH PERFORMANCE COATING	PPG CORAFロン POWDER COATINGS	SW 7068 - IRON ORE	09 91 13
E-MTL-01	PREFINISHED ALUMINUM COPING	COPING	MATCH E-PNT-01	07 71 00
E-DWS-01	PREFINISHED ALUMINUM DOWNSPOUT	DOWNSPOUT	MATCH E-PNT-01	07 71 00
E-SFT-01 / E-GL-01	ALUMINUM STOREFRONT WITH INSULATED GLASS	E-SFT-01: KAWNEER NORTH AMERICA / E-GL-01: GUARDIAN GLASS; 1" INSULATED GLASS LOW-E - CLEAR	DARK BRONZE ANNOIDIZED / SNX51/23	08 41 13 AND 08 80 00
E-SFT-01 / E-GL-02	ALUMINUM STOREFRONT WITH INSULATED SPANDREL GLASS	E-SFT-01: KAWNEER NORTH AMERICA / E-GL-02: GUARDIAN GLASS; 1" INSULATED GLASS LOW-E - SPANDREL WITH MINERAL WOOL BOARD INSULATION AND METAL BACK PAN	DARK BRONZE ANNOIDIZED FRAMES AND BACK PAN / SNX51/23 WITH MEDIUM GRAY SPANDREL	08 41 10 AND 08 80 00
E-LVR-01	PREFINISHED ALUMINUM LOUVER	HIGH PERFORMANCE COATING FINISH	MATCH E-BRK-01	10 20 00
E-ST-01	CAST STONE	ARCHITECTURAL CAST STONE	MATCH E-ST-02	04 72 00
E-ST-02	ADHERED STONE VENEER	ELDORADO STONE; MANUFACTURED STONE	ROUGH CUT; CASA BLANCA	04 43 13.16
E-BRK-01	UNIT BRICK	SUMMIT BRICK COMPANY; MODULAR SIZE	CHERRY CREEK	04 20 00
E-RF-01	ARCHITECTURAL ASPHALT SHINGLES	ATLAS ROOFING CORPORATION; STORMMASTER SHAKE	MOONLIGHT BEACH	07 31 13
E-WD-01	LINEAR METAL CEILINGS	ARMSTRONG; METALWORKS LINEAR - SYNCHRO	CHERRY	09 54 23
E-WD-02	WOOD ROOF DECKING	SOLID TONGUE AND GROOVE DECKING	CHERRY COLOR STAIN	06 15 16



USER NAME	=	DESIGNED	- CP	REVISED	-
ISSUED FOR	60 PCT	DRAWN	- CP	REVISED	-
PLOT SCALE	=	CHECKED	- SJS	REVISED	-
PLOT DATE	=	DATE	- OCTOBER 2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL ARCH ELEVATIONS

SCALE: AS NOTED SHEET 430 OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		430
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1.

Landscape Contractor shall verify all utility locations (existing and proposed) along with existing conditions and grades (existing and proposed), and note any discrepancies to owner, Engineer, and Landscape Architect immediately, before proceeding with any work.
2.

Base information for these plans was taken from Engineer's site survey, geometric, and grading plans. Contractor shall verify all dimensions and locations of existing and proposed features, and familiarize themselves with any obstacles encumbering the installation of this project.
3.

All soil/underground conditions shall be referred to soil testing reports prepared by the owner's consultant.
4.

Any archeological information relevant to these plans shall be referred to archeological survey and reports (if appropriate to job site) by the owner's consultant.
5.

All surface drainage shall be diverted away from structures and noted site features in all areas as shown on the Civil Engineer's grading plans. Surface drainage shall be diverted to existing or proposed basin structures or inlets as directed by the grading plans. Any site underdrainage as shown in the landscape drawings shall be provided at Landscape Architect's direction. Where poor subsurface drainage conditions occur in the field, Contractor shall notify Landscape Architect immediately and make recommendations for solutions to drainage issues before proceeding with work.
6.

Where possible, and at Engineer's approval and per code, all underdrainage shall be tied into existing or proposed storm structures.
7.

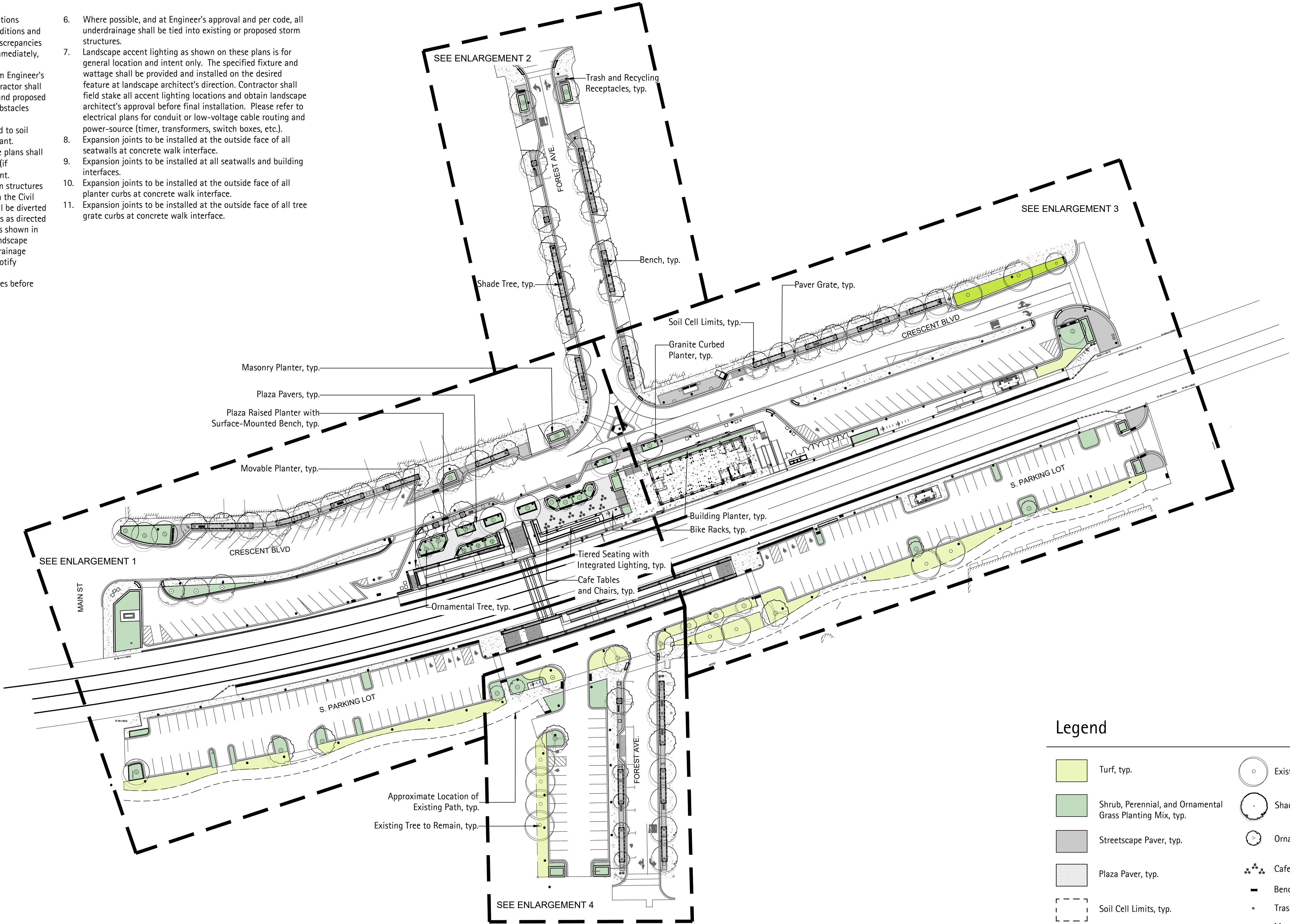
Landscape accent lighting as shown on these plans is for general location and intent only. The specified fixture and wattage shall be provided and installed on the desired feature at landscape architect's direction. Contractor shall field stake all accent lighting locations and obtain landscape architect's approval before final installation. Please refer to electrical plans for conduit or low-voltage cable routing and power-source (timer, transformers, switch boxes, etc.).
8.

Expansion joints to be installed at the outside face of all seatwalls at concrete walk interface.
9.

Expansion joints to be installed at all seatwalls and building interfaces.
10.

Expansion joints to be installed at the outside face of all planter curbs at concrete walk interface.
11.

Expansion joints to be installed at the outside face of all tree grate curbs at concrete walk interface.



Legend

- Turf, typ.

Shrub, Perennial, and Ornamental Grass Planting Mix, typ.

Streetscape Paver, typ.

Plaza Paver, typ.

Soil Cell Limits, typ.
- Existing Tree to Remain, typ.

Shade Tree, typ.

Ornamental Tree, typ.

Cafe Tables and Chairs, typ.

Bench, typ.

Trash Receptacle, typ.

Movable Planter, typ.

Bike Racks, typ.

Paver Grate, typ.



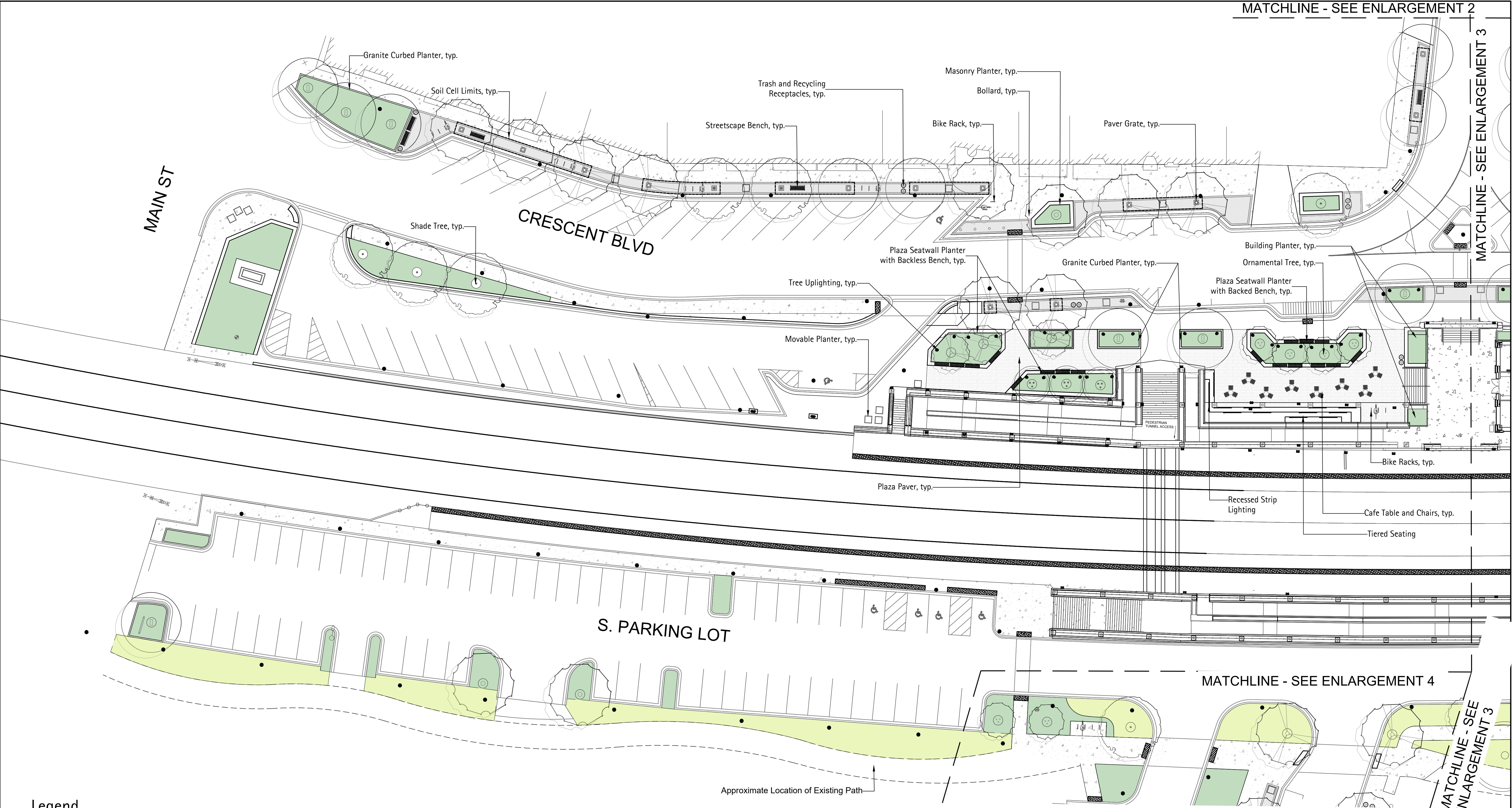
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ISSUED FOR	60 PCT	DRAWN	-	KD	REVISED	-
PLOT SCALE	=	CHECKED	-	MC	REVISED	-
PLOT DATE	=	DATE	-	OCTOBER 2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE - OVERALL SITE PLAN

SCALE: 1:50 SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DUPAGE	
			CONTRACT NO. _	
ILLINOIS FED. AID PROJECT				



Legend

- Turf, typ.

Existing Tree to Remain, typ.

Soil Cell Limits, typ.

Streetscape Bench, typ.
- Shrub, Perennial, and Ornamental Grass Planting Mix, typ.

Shade Tree, typ.

Paver Grate, typ.

Seatwall Bench (backless and backed), typ.
- Streetscape Paver, typ.

Ornamental Tree, typ.

Movable Planter, typ.

Trash Receptacle, typ.
- Plaza Paver, typ.

Bike Racks, typ.

Cafe Tables and Chairs, typ.



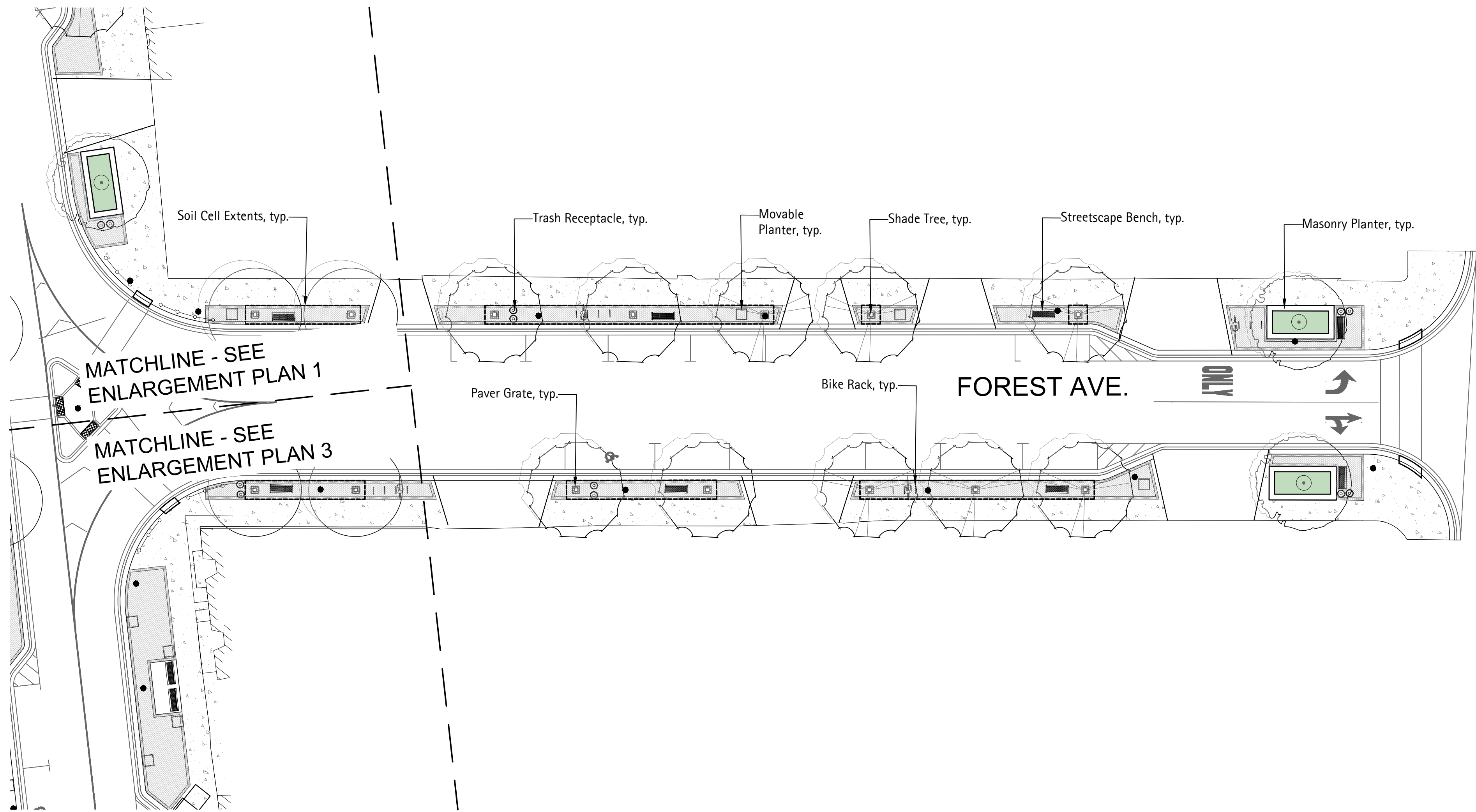
USER NAME	=	DESIGNED	-	KC / KD	REVISED	-
ISSUED FOR	60 PCT	DRAWN	-	KD	REVISED	-
PLOT SCALE	=	CHECKED	-	MC	REVISED	-
PLOT DATE	=	DATE	-	OCTOBER 2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE - ENLARGEMENT PLAN 1

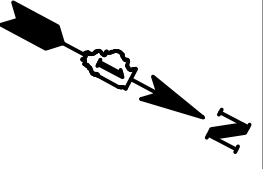
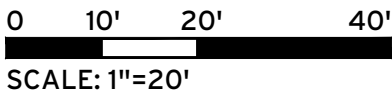
SCALE: 1:20 SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		
		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



Legend

- Turf, typ.
- Shrub, Perennial, and Ornamental Grass Planting Mix, typ.
- Streetscape Paver, typ.
- Plaza Paver, typ.
- Soil Cell Limits, typ.
- Shade Tree, typ.
- Paver Grate, typ.
- Streetscape Bench, typ.
- Trash Receptacle, typ.
- Movable Planter, typ.
- Bike Racks, typ.

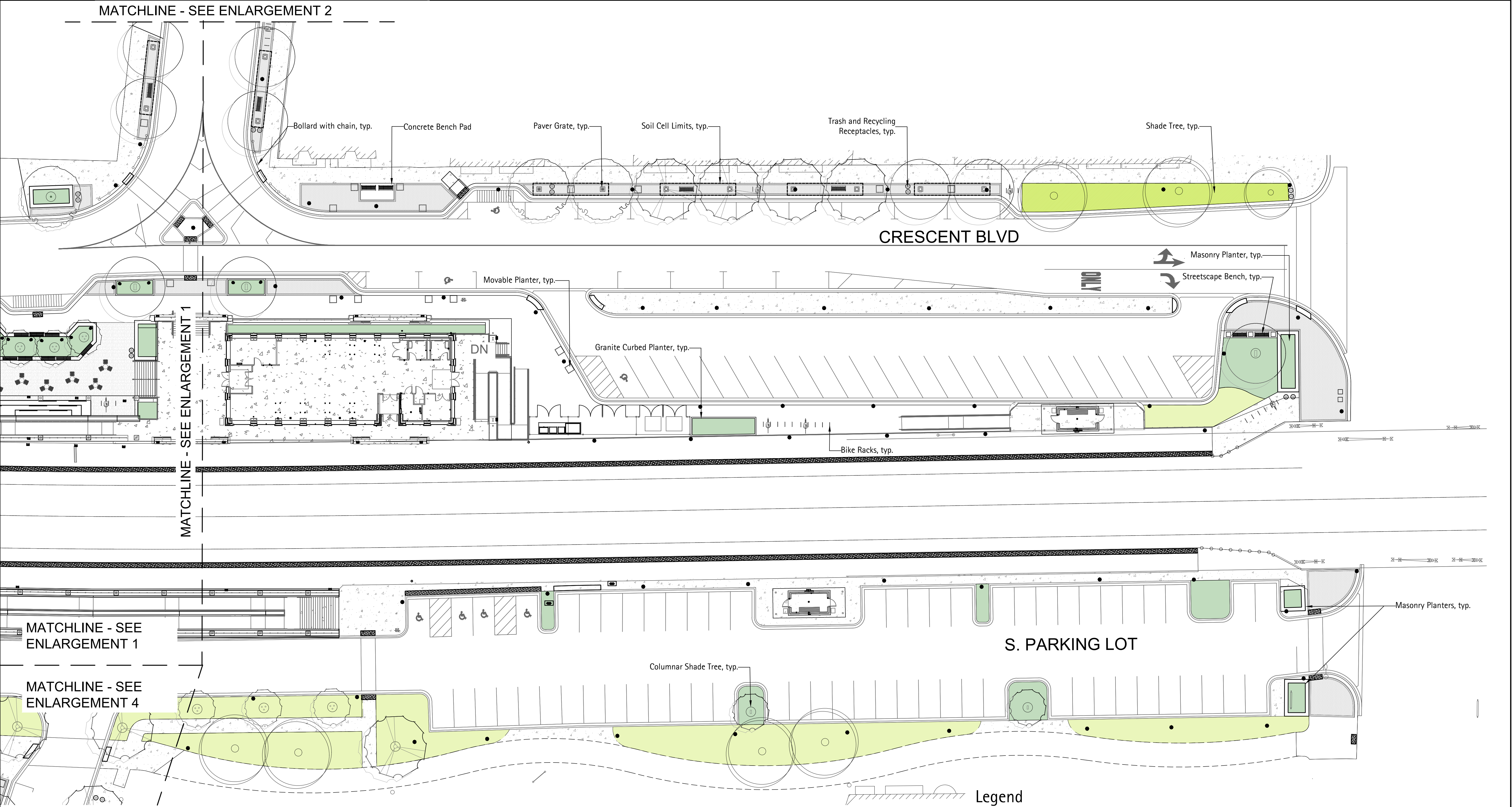


USER NAME	=	DESIGNED	-	KC / KD	REVISED	-
ISSUED FOR	60 PCT	DRAWN	-	KD	REVISED	-
PLOT SCALE	=	CHECKED	-	MC	REVISED	-
PLOT DATE	=	DATE	-	OCTOBER 2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE - ENLARGEMENT PLAN 2			
SCALE: 1:20	SHEET	OF	SHEETS
STA.	TO STA.		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	-	DUPAGE		
		CONTRACT NO. _		
ILLINOIS FED. AID PROJECT				



Legend

Turf, typ.

Shrub, Perennial, and Ornamental Grass Planting Mix, typ.

Streetscape Paver, typ.

Plaza Paver, typ.

Existing Tree to Remain, typ.

Shade Tree, typ.

Ornamental Tree, typ.

Soil Cell Limits, typ.

Streetscape Bench, typ.

Seatwall Bench (backless and backed), typ.

Trash Receptacle, typ.

Movable Planter, typ.

Bike Racks, typ.

Cafe Tables and Chairs, typ.

Paver Grate, typ.

SCALE: 1"=20'

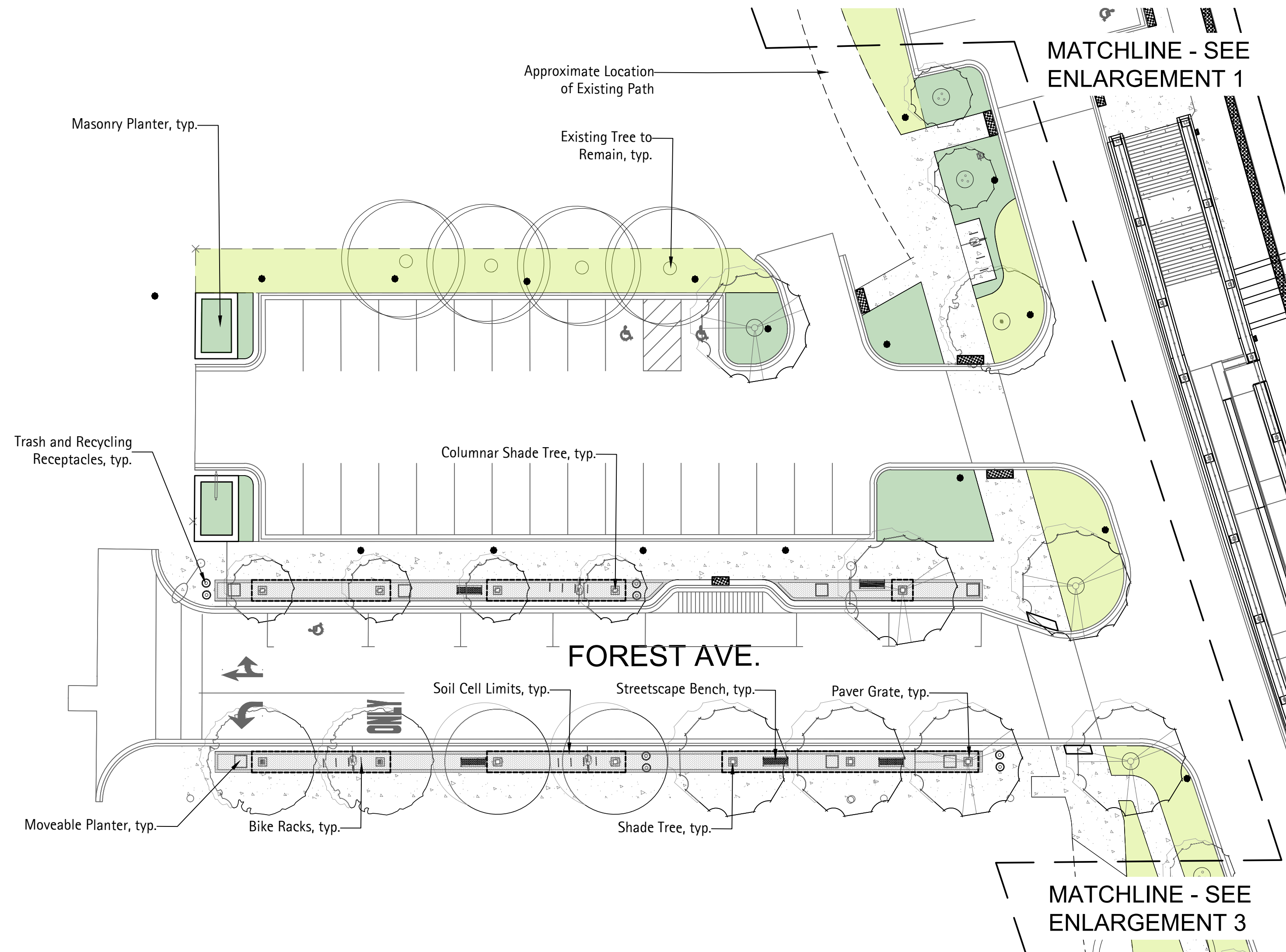
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ISSUED FOR 60 PCT	DRAWN -	KD	REVISED -
PLOT SCALE =	CHECKED -	MC	REVISED -
PLOT DATE =	DATE -	OCTOBER 2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE - ENLARGEMENT PLAN 3			
SCALE: 1:20	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		
CONTRACT NO. _				
ILLINOIS FED. AID PROJECT				

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Legend

	Turf, typ.		Existing Tree to Remain, typ.		Streetscape Bench, typ.
	Shrub, Perennial, and Ornamental Grass Planting Mix, typ.		Shade Tree, typ.		Trash Receptacle, typ.
	Streetscape Paver, typ.		Ornamental Tree, typ.		Movable Planter, typ.
	Plaza Paver, typ.		Paver Grate, typ.		Bike Racks, typ.
	Soil Cell Limits, typ.				

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



USER NAME	=	DESIGNED	-	KC / KD	REVISED	-
ISSUED FOR	60 PCT	DRAWN	-	KD	REVISED	-
PLOT SCALE	=	CHECKED	-	MC	REVISED	-
PLOT DATE	=	DATE	-	OCTOBER 2024	REVISED	-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

LANDSCAPE - ENLARGEMENT PLAN 4

SCALE: 1:20 SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE		
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Plant Schedule

SYMBOL	QTY	BOTANIC NAME	COMMON NAME	SIZE	SPACING
DECIDUOUS TREES					
AG 3	10	Aesculus glabra 'JIN Select'	Early Glow Ohio Buckeye	3" caliper	B&B
AF 3	20	Acer x freemanii 'Autumn Blaze'	Freemanii Maple	3" caliper	B&B
AR 3	5	Acer rubrum 'Franks Red'	Redpointe Red Maple	3" caliper	B&B
CO 3	13	Celtis occidentalis	Common Hackberry	3" caliper	B&B
GT 3	14	Gleditsia tricanthos var. enermis 'Skycole'	Skyline Honeylocust	3" caliper	B&B
PT 3	4	Platanus x acerifolia	London Plane Tree	3" caliper	B&B
QRC	6	Quercus alba x robur "Crimschmidt"	Crimson Spire Oak	3" caliper	B&B
ORNAMENTAL TREES					
AGA 10	6	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	10' ht.multi-stem	B&B
CAR 10	3	Carpinus caroliniana	American Hornbeam	10' ht.	B&B/Multi Stem
CC 10	3	Cercis canadensis	Red bud	8' ht.	B&B/Single Stem
SR 3	3	Syringa reticulata	Japanese Tree Lilac		
DECIDUOUS SHRUBS					
AM	56	Aronia melanocarpa 'Morton'	Iroqious Beauty Black Chokeberry	24-30" ht.	#5 Container
CS	4	Cornus sericea 'Allemans'	Alleman's Compact Redtwig Dogwood	30-36" ht.	B&B
DK	59	Diervilla 'Kodiak Orange'	Kodiak Orange Bush Honeysuckle	3 gal.	#3 Container
HA	51	Hydrangea arborescens 'Annabelle'	Annabelle Smooth Hydrangea	24-30" ht.	#5 Container
HV	8	Hamamelis virginiana	Common Witch Hazel	36" ht.	#5 Container
EVERGREEN SHRUBS					
JHW	25	Juniperus horizontalis 'Wiltoni'	Blue Rug Juniper	15-18" ht.	#3 Container
TM	14	Taxus media 'Densiformis'	Dense Yew	24-30" spr.	B&B
PERENNIALS					
amp	53	Achillea millefolium 'Paprika'	Paprika Yarrow	1 gal.	CG/24" o.c. spacing
asb	212	Allium 'Summer Beauty'	Summer Beauty Allium	1 gal.	CG/18" o.c. spacing
at	40	Asclepias tuberosa	Butterflyweed	1 gal.	CG/12" o.c. spacing
ep	159	Echinacea purpurea 'PowWow'	White Coneflower	1 gal.	CG/18" o.c. spacing
ga	204	Gentiana andrewsii	Bottle Gentian	1 gal.	CG/12" o.c. spacing
hbm	86	Hosta 'Blue Mouse Ears'	Blue Mouse Ears Hosta	1 gal.	CG/12" o.c. spacing
hgc	78	Hosta 'Ginkgo Craig'	Ginkgo Craig Hosta	1 gal.	CG/12" o.c. spacing
lc	15	Lobelia cardinalis	Cardinal Flower	1 gal.	CG/12" o.c. spacing
ls	122	Liatris spicata	Dense Blazing Star	1 gal.	CG/12" o.c. spacing
nc	194	Nepeta 'Cat's Pajamas'	Cat's Pajamas Catmint	1 gal.	CG/18" o.c. spacing
md	88	Monarda didyma	Scarlet Bee Balm	1 gal.	CG/18" o.c. spacing
rh	123	Rudbeckia hirta	Black-eyed Susan	1 gal.	CG/18" o.c. spacing
ORNAMENTAL GRASSES					
cp	79	Carex pensylvanica	Pennsylvania Sedge	1 gal.	CG/12" o.c. spacing
dc	547	Deschampsia cespitosa	Tufted Hair Grass	1 gal.	CG/18" o.c. spacing
pv	13	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 gal.	CG/24" o.c. spacing
ss	341	Schizachyrium scoparium	Little Bluestem	1 gal.	CG/18" o.c. spacing
sam	416	Sesleria autumnalis	Autumn Moor Grass	1 gal.	CG/12" o.c. spacing
sh	146	Sporobolus heterolepsis	Prairie Dropseed	1 gal.	CG/24" o.c. spacing
GROUNDCOVERS					
ap	168	Adiantum pedatum	Maidenhair Fern	1 gal.	CG/12" o.c. spacing
lsp	1073	Liriope spicata	Lilyturf	quart	CG/12" o.c. spacing
BULBS					
ma	324	Muscari armeniacum	Grape Hyacinths	#1 cont.	CG/6" o.c. spacing
mv	210	Mertensia virginica	Virginia Bluebells	1 gal.	CG/12" o.c. spacing
ni	720	Narcissus 'Ice Follies'	Ice Follies Daffodils	#1 cont.	CG/6" o.c. spacing

General Planting Notes

GENERAL CONDITIONS

1. Contractor shall familiarize themselves with all landscape specifications prior to commencement of work. Any questions or concerns shall be directed to Project Engineer or Landscape Architect in writing prior to landscape work commencement.

2. All project limits shall be fenced with temporary plastic fencing at 48" height, staked at 4' on center, and clearly signed for construction activities. All existing, protected vegetation shall be fenced at a minimum of the plants drip line or as approved by Landscape Architect.

3. The Landscape Contractor shall keep all areas clean and orderly at all times.

4. The Landscape Contractor shall keep all roadways and walkways clear of mud and debris that result from landscape operations.

SITE GRADING & BERMING

5. Berming shall occur along all noted landscape areas to the designed berming heights shown on the plans. All grading, drainage, and utilities shall be evaluated in the field for conflict points with designed berming. Landscape Architect and Project Engineer shall review and approve prior to finished grading. Finished shape and contouring shall be at Landscape Architect's direction.

6. All grading and drainage shall be properly pitched to existing or proposed drainage swales and structures. Landscape Architect and Project Engineer shall field verify and approve.

7. All stone work to be approved by Landscape Architect in field. All stone color samples shall be approved by Landscape Architect prior to ordering.

SOIL & PLANTING MIX

8. All soil planting mix for backfill or beds, whether from on-site stockpile or new imported soil, shall be tested for approved specified pH levels and nutrient content. Submit testing agency with laboratory report to project Landscape Architect for approval, along with recommendations to amending soil as appropriate for use in planting.

9. Topsoil shall be clean, pulverized soil from an acceptable source. Topsoil shall be free of debris, stones, and other material not more than one inch (1") diameter in size. Contractor shall provide the Landscape Architect with receipt of soil source and soil test results from a qualified lab upon request.

10. It is anticipated that all planting areas, including lawn, shall be thoroughly tilled to a minimum of 12-18" depth. All on-site topsoil shall be amended and reused as approved, or removed off-site and disposed of properly. New planting soil mix consisting of pulverized topsoil and mushroom compost shall be installed and properly compacted to the following depths noted in the specifications and landscape planting details.

11. Clean topsoil mix should have a tested and approved pH of 6.0 -- 7.0

12. All planting beds shall be thoroughly tilled and amended with topsoil/compost mix to a minimum of 12" depth.

13. The Landscape Contractor shall prepare planting beds by adding soil amendments to approved on-site or imported topsoil mix in the following quantities:
Trees and Shrubs: three (3) parts topsoil, (1) part peat, and one (1) part sand
Perennials and Groundcovers: three (3) parts topsoil, one (1) part peat, and two (2) parts decomposed mushroom compost. (See Specifications)

14. All excess materials and spoils resulting from the landscape work shall be legally disposed of off-site by the Landscape Contractor.

PLANTING STANDARDS

15. All plant material shall be top-quality grade, free of defects, and meet accepted horticultural standards established by the American Nurserymen's Association (AAN) and as deemed appropriate by Landscape Architect. Landscape Architect shall have the right to reject any, and all, plant material delivered to the site that does not meet acceptable standards.

16. Sizes shown on plant schedule are minimum acceptable sizes.

17. All plants to be balled-in-burlap or container-grown as specified in plant schedule. All plastic root wrapping material and metal wire baskets shall be removed.

18. All new and transplanted plants to be sprayed with an antidesecant within twenty-four (24) hours after planting. Antitranspirant shall be "Wiltpruf" or an approved equal.

19. Landscape Architect shall field verify and approve all final staked tree, shrub, and perennial bed locations prior to installation.

20. The Landscape Contractor shall repair to its original condition any plant material which becomes damaged as a result of landscape operations.

21. All perennials shall be planted at least two (2) feet from the tree trunks planted within planting areas.

22. Landscape Architect shall approve all plant materials for quality, condition and specified sizes. Plant material shall be approved at nursery location, during tagging or before removal and transport to job site. Shrubs, perennials and groundcovers shall be approved at job site prior to installation.

FERTILIZER & MULCHING

23. Prior to mulching tree and shrub planting areas, apply time-release fertilizer by broadcasting over entire planting areas. Rate is to manufacturer's recommendations. Fertilizer is to have no less than 10% available phosphoric acid, and 3-8% total nitrogen soluble potash.

24. All plantings shall receive a slow-release fertilizer with a ratio of 10/10/10.

25. All trees and shrub beds shall receive a minimum of 3" thick shredded hardwood mulch top-dressing.

26. All perennials and groundcover beds shall be top-dressed with two inches (2") minimum of mushroom compost.

MAINTENANCE & WARRANTIES

27. All plants shall be thoroughly watered in at time of planting and watered and maintained throughout construction until final acceptance by owner. Contractor shall water all plants immediately after planting. Flood plants twice during the first twenty-four (24) hours after planting.

28. Landscape Contractor shall warranty all trees, shrubs, perennials, and ornamental grasses under this contract will be healthy and in flourishing condition of active growth one year from date of final acceptance.

29. All newly sodded or seeded areas shall be maintained, watered, and mowed throughout their growing seasons during construction and until final acceptance by owner.



USER NAME =	DESIGNED -	KC / KD	REVISED -
ISSUED FOR 60 PCT	DRAWN -	KD	REVISED -
PLOT SCALE =	CHECKED -	MC	REVISED -
PLOT DATE =	DATE -	OCTOBER 2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE - PLANT SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	-	DUPAGE		
		CONTRACT NO. _		
ILLINOIS FED. AID PROJECT				



962TC-XRLED GLEN ELYN SERIES

LED

EPA
3.65 (ft²)
WEIGHT
36 LBS

5 YEAR
WARRANTY

LUMEN
RANGE
1,550 to
5,210

LIFE SPAN
L70
MINIMUM
50,000
HOURS

UL
LISTED

CLICK
FOR FAQ'S

JOB NAME

FIXTURE TYPE

MEMO

BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-962TC-XRLED-12L45T5-MDL14-CA-HSS-FHD/478PM/2112FP5/SCC/BKT**

Mounting Config.	Fixture	LED	CCT	Type	Driver	Lens	Option House Side Shield	Option Fuse	Option Internal Lens	Arm See Arm Spec Sheets	Pole See Pole Spec Sheets	Finish
PT	962TCGT	XRLED-12L	30	T3	MDL14	CA						BK

Mounting Configuration

(Click here to view mounting configuration sheet)

- IW • 2A • 3A90 • 1AM
- PT • 2A90 • 3APT • 2AM
- 1A • 2APT • 4A • 450PB
- 1APT • 3A • 4APT

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pier Base

Fixture

- 962TC • 962TCGT (Glow Top)¹

¹ Add 10 watts.

LED

- XRLED-9L • XRLED-12L

CCT - Color Temperature (K)

- 45(00) • 35(00) • 27(00) **30(00)**

Type

- T2 • T3 • T4 • T5

Driver

- MDL07² (120v-277v, 700mA)
- MDL14 (120v-277v, 1400mA)
- MDH07² (347v-480v, 700mA)
- MDH14 (347v-480v, 1400mA)

² For use with 9L system only.

Lens (Click here to link to lens options)

- SV1 (Flat Soft Vue Light Diffuse Acrylic)
- SV2 (Flat Soft Vue Moderate Diffuse Acrylic)
- CA (Clear Acrylic)
- CTA (Clear Textured Acrylic)
- CSA (Clear Seeded Acrylic)
- PA (Pristmatic Acrylic)
- WA (White Acrylic)

Options (Click here to view accessories sheet)

- HSS House Side Shield
- FHD³ Dual Fuse & Holder
- SVID Soft Vue Light Diffuse, Internal Dome Lens
- SV2D Soft Vue Moderate Diffuse, Internal Dome Lens

³ Ships loose for installation in base.

Arm (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

- 478 • 480 • 6236 • 579 • TA • TASCR

Pole (Click here to link to pole specification page)

See Pole specification sheets.

Finish (Click here to view paint finish sheet)

Standard Finishes⁴

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

⁴ Smooth finishes are available upon request

Custom Finishes⁵

- CM Custom Match
- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

⁵ Custom colors require upcharge.

Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

BK Black Gloss

Specifications

Fixture

The 962TC fixture shall be 14" wide and the overall height shall have 42". It shall be made of heavy wall cast aluminum, 356 alloy and lenses shall be made of vandal resistant acrylic. The fixture cage shall be cast in one piece and shall have a lift hinged door. The four paneled roof shall be closed with solid aluminum panels. The Luminaire shall be UL approved in US and Canada.

Fitter

The fitter or base shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an inside diameter opening to accept a 3" diameter pole or tenon. When ordered with a Sternberg aluminum pole, the fitter shall be set screwed to the pole top or tenon.

LEDs

The luminaire shall use high output, high brightness LED's. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be downward facing to minimize up-light. The LED's and printed circuit boards shall be environmentally friendly and 100% recyclable, they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 50,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4500K (3500K or 2700K option) color temperature with a typical of 70 CRI. Consult factory for custom color CCT. The luminaire shall have a minimum _____ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

Optics

The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ____ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

See next page

Electronic Drivers

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a 0-10v signal.

For sources over 50w: The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

For sources under 50w: The driver shall have a minimum efficiency of 88%.

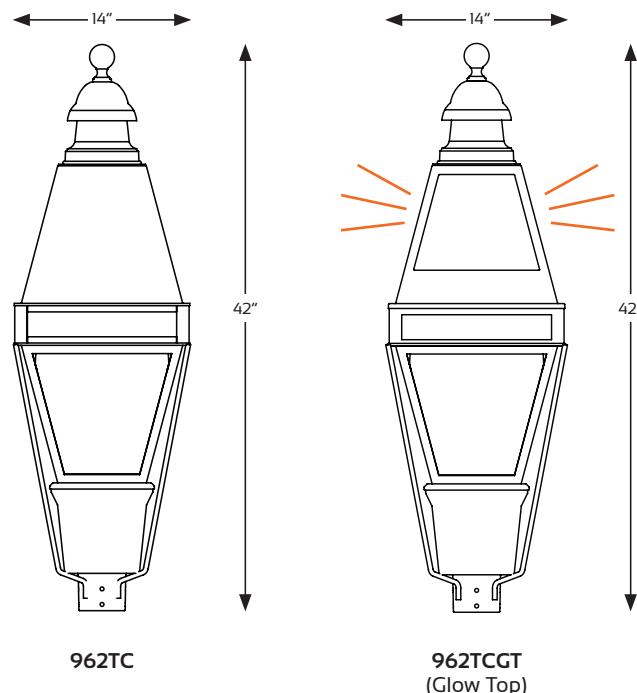
Warranty

Five-year warranty. See product and finish warranty guide for details.

Finish

Refer to website for details.

Fixtures



Performance (Based on CSA Lens)

LIGHT SOURCE	T2 DELIVERED LUMENS	EFFICACY (LPW)	T3 DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE*
09L27T_-MDL07	1610	73.1	1600	72.6	1550	70.3	1670	75.9	22
09L35T_-MDL07	1895	86	1880	85.5	1820	82.8	1965	89.4	22
09L45T_-MDL07	2035	92.5	2025	92	1960	89	2115	96.1	22
09L27T_-MDL14	2860	59.6	2810	58.5	2745	57.1	2960	61.6	48
09L35T_-MDL14	3370	70.2	3310	68.9	3230	67.3	3485	72.6	48
09L45T_-MDL14	3625	75.5	3560	74.1	3470	72.3	3745	78	48
12L27T_-MDL14	4060	67.6	3960	66	3945	65.7	4120	68.6	60
12L35T_-MDL14	4780	79.6	4660	77.7	4640	77.4	4850	80.8	60
12L45T_-MDL14	5140	85.6	5010	83.5	4990	83.2	5210	86.9	60

*Glow top option adds 10 watts.

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

- Ideal for warehouses and industrial buildings. Small size and light weight makes for an easy installation
- With efficiencies up to 185 LPW, the PELA is an excellent choice when ROI is the key decision criteria
- Options for lumen packages up to 48,000 lumens provides outstanding coverage for the majority of high bay applications
- Integrated sensor options for code compliance, grouping of fixtures, increased energy savings, and connection to NX Lighting Controls systems
- Optimized bulk packaging to minimize job site space requirements and ease waste removal
- Designed for unconditioned spaces through a 50°C ambient temperature rating and a -30°C rating for refrigerated spaces.



NXWHM, NXEHM



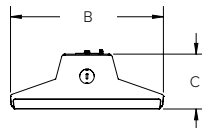
RELATED PRODUCTS

Ø [Echelán High Bay](#)

SERVICE PROGRAMS

STOCK **QS15**

CONTROL TECHNOLOGY



Typical Dimensions and Weights				
Sizes	(A) Length Inches	(B) Width Inches	(C) Height Inches	Weight (lbs)
1	19.59	9.21	3.30	6.0
2	13.75	10.88	3.46	10.0
3	27.30	10.88	3.60	20.0

*Size dependent on Lumen Code. See dimensions page.

SPECIFICATIONS

CONSTRUCTION

- Size 1 fixture housing is all steel while Size 2 & 3 are a combination of steel and aluminum. All provide exceptional durability and heat dissipation. All sizes are IK10 rated
- Fixture design provides easy access to electrical components by removal of bottom channel cover
- Robust white powder coating prevents chipping and/or flaking while providing protection in more demanding environments
- Access plate mounted on back of fixture providing easy access to make wiring connections
- Knockouts on both ends of fixture for electrical connection options

OPTICS

- Clear and diffuse optic options plus wide, narrow, and aisle light distributions on Size 2 & 3 bodies for layout flexibility
- Field changeable lens for maintenance and flexibility

INSTALLATION

- Mounting options include Chain/Cable mount, Surface mount, and Pendant mount

ELECTRICAL

- Light engine utilizing metal clad boards with high efficacy (up to 185 LPW), long life LEDs protect the fixtures lumen maintenance

ELECTRICAL (CONT'D)

- Driver options include 3kV standard surge protection in 120–277V input or 6kV standard surge protection in 347–480V input
- Power Factor >0.9 and THD <20 converts power efficiently & effectively into light
- Driver options for fixed light output or 0-10V dimming down to 10% is available to customize light levels

CONTROLS

- Integration of sensors (NX and other) accomplished through knockout in bottom middle of fixture which eliminates fixture potentially blocking sensor
- High-end trim, occupancy and ambient light detection with dimming available
- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments
- NX Connect is a standalone wireless deployment for room based applications using wireless enabled and battery operated devices
- DLC 5.1 Integrated/embedded networked lighting controls, luminaire-level lighting controls (LLLC) certified

CERTIFICATIONS

- Emergency battery pack options are California Energy Commission (CEC) Title 20 Compliant
- All luminaires are built to UL1598 standard
- Damp location labeling is standard
- UL/cUL Listed
- DLC® (DesignLights Consortium) Qualified. Please refer to the DLC® website for specific product qualifications at www.designlights.org
- Product configurations not including battery packs or controls meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11). See [Buy America\(n\) Solutions](#)
- For -BAA Option: This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9). See [Buy America\(n\) Solutions](#)

WARRANTY

- 5 year warranty
- See [HLI Solutions Standard Warranty](#) for additional information

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING GUIDE

Gray Shading = Service Program Limit of 400 luminaires 

Example: PELA-840-L24-B-ED-U-ST

PELA						
Model	CRI/CCT	Lumen Output	Distribution	Driver	Voltage	Mounting
PELA Linear High Bay	740 4000K 70 CRI	L09 9,000 lm	A No Lens (120°)	ED 0-10V Dimming	U 120-277V	ST Standard
	750 5000K 70 CRI	L12 12,000 lm	B Diffused Lens (120°)	E Fixed Output	120 120V	SM ¹ Surface Mount
	840 4000K 80 CRI	L15 15,000 lm	C ⁵ Clear Lens (120°)		277 277V	PM ¹ Pendant Mount
	850 5000K 80 CRI	L18 18,000 lm	D ⁵ Diffused Lens (55°)		347 347V	
		L24 24,000 lm	E ⁵ Diffused Lens (30°)		480 480V	
		L30 30,000 lm				
		L36 36,000 lm				
		L48 48,000 lm				

Options (Leave Blank if None Needed)	Controls (Leave Blank if None Needed)
PI Packaged Individually	NX Lighting Controls
ELL20 ^{1,9} 20W Emergency Battery Pack (CEC Title 20 compliant) Installed	<u>Networked Wireless</u>
ELL30 ¹⁰ 20W Emergency Battery Pack (CEC Title 20 compliant) Installed	NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
DTS Dimming Bypass Module	NXWHM NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming
BAA Buy American Act (FAR 52.225-9) Compliant	<u>Networked Wired</u>
Cord Options	NXE NX Wired Dual RJ45 SmartPORTS , without Sensor
F3C006 6', 3 conductor cord	NXEHM NX Wired Dual RJ45 SmartPORTS and Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming
F3C012 12', 3 conductor cord	<u>Independent Control</u>
F4C006 6', 4 conductor cord (for ELL20 option)	NXCHM ^{7,8} NX Connect NXC-WHS20 Wireless High Bay Occupancy & Photocell Sensor
F4C012 12', 4 conductor cord (for ELL20 option)	WSPD360 End Mounted WSPDEMUNV PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
F5C006 6', 5 conductor cord (Line + dimming)	WSPDA End Mounted WSPDEMUNV PIR Occupancy Sensor with Automatic Dimming Photocell and Aisle lens
F5C012 12', 5 conductor cord (Line + dimming)	WSPDBT360 End Mounted Bluetooth® Programmable, WSPDBEMUNV PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
Flexible Metal Conduit Options	WSPDBTA End Mounted Bluetooth® Programmable, WSPDBEMUNV PIR Occupancy Sensor with Automatic Dimming Photocell and Aisle Lens
C00388 6', 3 wire flexible metal conduit	OS1360 End Mounted WSPDEMUNV PIR Occupancy/Daylight Sensor with 360° Lens
C00488 6', 4 wire flexible metal conduit	OS1A End Mounted WSPDEMUNV PIR Occupancy/Daylight Sensor with Aisle Lens
C00588 6', 5 wire flexible metal conduit	<u>Other</u>
Cord with Plug Options (See NEMA Table Below)	<u>Independent Control</u>
C6TL15 ² 6' Cord with 15A TL plug	OS ⁶ On/Off Sensor 360° high mount sensor
C6TL20 ³ 6' Cord with 20A TL plug	OCS ⁶ On/ Off Occupancy/ Daylight Sensor 360° high mount sensor
C6P15 ⁴ 6' Cord with 15A straight blade plug	ODS ⁶ Dimming Occupancy Sensor 360° high mount sensor

NEMA PLUG TYPE TABLE			
Voltage	TL15 15A Twist Lock	TL20 20A Twist Lock	P151 15A Straight
120V	L5-15P	L5-20P	5-15P
277V	L7-15P	L7-20P	7-15P
347V	N/A	L24-20P	24-15P
480V	N/A	L8-20P	N/A

- Notes:
- ELL20 with 347/480V not available for mounting options SM and PM.
 - Only available with discrete voltage option codes: 120 or 277
 - Only available with discrete voltage option codes: 120, 277, 347, or 480
 - Only available with discrete voltage option codes: 120, 277, or 347
 - Only available with Lumen Output codes L24, L30, L36, and L48
 - Other sensors are programmable and sensors are typically side mounted
 - NX Connect devices can be customized with the NX Connect app, available on the Apple® App Store. Sensors are bottom mounted. See pictures on integrated sensor page.
 - High mount lens provided. For low, medium, or aisle distribution, order appropriate lens accessory and field change.
 - To determine the lumen output in emergency mode, multiply the battery pack wattage by the fixture lumens per watt (LPW)
 - Please consult factory on leadtime for this option

DATE:

LOCATION:

TYPE:

PROJECT:

CATALOG #:

STOCK GUIDE

STOCK

Control Option		Catalog No.	UPC	Description	Weight (lbs)	Pallet Qty	DLC QPL
None	☐	PELA-840-L24-B-ED-U-ST-PI	662055176361	80 CRI, 4000K, 24,000 Lumens, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-FXK5A2
	☐	PELA-850-L24-B-ED-U-ST-PI	662055176354	80 CRI, 5000K, 24,000 Lumens, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-F7Q6C3
	☐	PELA-840-L30-B-ED-U-ST-PI	603134946338	80 CRI, 4000K, 30,000 Lumens, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-F7Q6C3
	☐	PELA-850-L30-B-ED-U-ST-PI	662055176378	80 CRI, 5000K, 30,000 Lumens, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-F7Q6C3
	☐	PELA-840-L36-B-ED-U-ST-PI	603134946352	80 CRI, 4000K, 36,000 Lumens, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	20	20	S-F7Q6C3
	☐	PELA-850-L36-B-ED-U-ST-PI	662055176385	80 CRI, 5000K, 36,000 Lumens, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	20	20	S-DVLH5N
Independent (OS)	☐	PELA-840-L18-B-ED-U-ST-PI-OS	840141432625	80 CRI, 4000K, 18,000 Lumens, Integral On/Off Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	6	56	S-DVLH5N
	☐	PELA-840-L24-B-ED-U-ST-PI-OS	662055176408	80 CRI, 4000K, 24,000 Lumens, Integral On/Off Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-DVLH5N
	☐	PELA-850-L24-B-ED-U-ST-PI-OS	662055176392	80 CRI, 5000K, 24,000 Lumens, Integral On/Off Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-R52KE7
	☐	PELA-840-L30-B-ED-U-ST-PI-OS	662055176393	80 CRI, 4000K, 30,000 Lumens, Integral On/Off Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-R52KE7
	☐	PELA-850-L30-B-ED-U-ST-PI-OS	662055176415	80 CRI, 5000K, 30,000 Lumens, Integral On/Off Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-R52KE7
	☐	PELA-840-L36-B-ED-U-ST-PI-OS	603134946369	80 CRI, 4000K, 36,000 Lumens, Integral On/Off Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	20	20	S-R52KE7
NX Connect (NXCHM)	☐	PELA-840-L24-B-ED-U-ST-PI-NXCHM	840141417042	80 CRI, 4000K, 24,000 Lumens, NX Connect Wireless Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-815UDX
	☐	PELA-850-L24-B-ED-U-ST-PI-NXCHM	840141417059	80 CRI, 5000K, 24,000 Lumens, NX Connect Wireless Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-815UDX
	☐	PELA-840-L30-B-ED-U-ST-PI-NXCHM	840141417066	80 CRI, 4000K, 30,000 Lumens, NX Connect Wireless Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-19B738
	☐	PELA-850-L30-B-ED-U-ST-PI-NXCHM	840141417073	80 CRI, 5000K, 30,000 Lumens, NX Connect Wireless Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-19B738
	☐	PELA-840-L36-B-ED-U-ST-PI-NXCHM	840141417080	80 CRI, 4000K, 36,000 Lumens, NX Connect Wireless Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	20	20	S-19B738
	☐	PELA-850-L36-B-ED-U-ST-PI-NXCHM	840141417097	80 CRI, 5000K, 36,000 Lumens, NX Connect Wireless Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	20	20	S-19B738
NX Networked Wireless (NXWHM)	☐	PELA-840-L24-B-ED-U-ST-PI-NXWHM	603134946321	80 CRI, 4000K, 24,000 Lumens, NX Wireless Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-WJ94ES
	☐	PELA-840-L30-B-ED-U-ST-PI-NXWHM	603134946345	80 CRI, 4000K, 30,000 Lumens, NX Wireless Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	10	30	S-WJ94ES
	☐	PELA-840-L36-B-ED-U-ST-PI-NXWHM	840141432632	80 CRI, 4000K, 36,000 Lumens, NX Wireless Sensor, Diffuse Wide Distribution Polycarbonate Lens, 0-10V Dimming Driver, 120-277V, White	20	20	S-WJ94ES
Accessory	☐	Y-CBL-KIT-5FT	603134946437	Aircraft Cable Hangers, 5' pair, w/ hooks connecting to fixture	1.2	N/A	N/A
	☐	Y-CBL-KIT-10FT	603134946444	Aircraft Cable Hangers, 10' pair, w/ hooks connecting to fixture	17	N/A	N/A
	☐	AK_CORD_6FT_3COND_10PC	840141432649	White, 6' 3 Conductor Cord with strain relief, accessory to be installed in field, 10pk	1	N/A	N/A

ACCESSORY ORDERING GUIDE

MOUNTING AND ACCESSORIES			
Mounting Options	Description	Configurable Order Logic Code	Accessories
☐ Standard Chain/Cable Mount	Available on all fixture configurations (chain not included). Y-Cable w/hook can be ordered as an accessory.	ST = Standard (No chain or mounting hardware included)	Not Applicable
☐ Surface Mount (optional)	Available on all fixture configurations. Attaches to structural member in ceiling. (Hardware not included.)	SM = Surface Mount	Not Applicable
☐ Pendant Mount (optional)	Available on all fixture configurations. Attaches to ¾" threaded conduit. (conduit not included).	PM = ¾" Pendant Mount Kit	Not Applicable
☐ Y-Cable w/hook (optional)	Use with Standard Mounting Option only. Order separately. Priced per pair. 5 ft., 10 ft., 15 ft., 20 ft. lengths available	n/a	5' Y Cable/Hook: 93302310 10' Y Cable/Hook: 93302311 15' Y Cable/Hook: 93306699 20' Y Cable/Hook: 93306750
☐ V-Clips w/ chains (optional)	Use with Standard Mounting Option only. Order separately. Priced per pair. 3 ft. length chains included.	n/a	93146133G



WIRE GUARDS		
	Description	Ordering SKU
☐	PELA-Size 1 WIRE GUARD WHT-5PK	93307359
☐	PELA-Size 2 WIRE GUARD WHT-5PK	93307370
☐	PELA-Size 3 WIRE GUARD WHT-5PK	93307371

Each pack contains wire guards that cover 5 fixtures of the size indicated

FIELD INSTALLABLE 20W BATTERY KITS*		
	Ordering SKU	PELA Body Size
☐	93313452	Size 2
☐	93313453	Size 3
☐	93313454	Size 1

*Emergency battery pack options are California Energy Commission (CEC) Title 20 compliant

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

DELIVERED LUMENS

DELIVERED LUMENS AND ELECTRICAL CHARACTERISTICS FOR PELA								LUMEN OUTPUT MULTIPLIER FOR OPTIC ORDERING CODE			
Ordering Code			Delivered Lumens	120-277V		347/480V		Body	Optic Lens Code	Optic Description	Lumen Output Multiplier
CRI/CCT	Lumen	Optic		Watts	LPW	Watts	LPW				
740 750	L09	B	9,100	57	160	60	152	Size 1	A	No Lens (120°)	110%
	L12		12,100	75	161	77	157		B	Diffused Lens (120°)	100%
	L15		15,100	91	166	91	166		C	Clear Lens (120°)	108%
	L18		18,200	114	160	113	161		D	Diffused Lens (55°)	103%
	L24		24,000	154	156	152	158	Size 2	E	Diffused Lens (30°)	104%
	L30		30,000	202	149	201	149				
	L36		36,400	218	167	216	169	Size 3			
	L48		48,000	308	156	303	158				
840 850	L09	B	9,100	62	147	65	140	Size 1			
	L12		12,100	84	144	84	144				
	L15		15,100	101	150	100	151				
	L18		18,200	126	144	124	147				
	L24		24,000	174	138	171	140	Size 2			
	L30		30,000	227	132	225	133				
	L36		36,400	240	152	237	154	Size 3			
	L48		48,000	347	138	342	140				

Delivered Lumens
(in Table on Left)

x

Lumen Output
Multiplier

=

Delivered Lumens for
fixture with A, B, C, D or
E Lens

PROJECTED LUMEN MAINTENANCE

Calculation Method	Ambient Temp	25,000 hrs	50,000 hrs	60,000 hrs
TM-21-11	25C/77F	0.95	0.93	0.92
	50C/122F	0.94	0.90	0.88
TM-21-21	25C/77F	0.95	0.93	0.91
	50C/122F	0.94	0.90	0.89

AMBIENT TEMPERATURE RATINGS

Lumen Code	L09	L12	L15	L18	L24	L30	L36	L48
Max Ambient	50°C	50°C	50°C	50°C	40°C	40°C	40°C	40°C
Min Ambient	-30°C	-30°C	-30°C	-30°C	-30°C	-30°C	-30°C	-30°C

Note: ELL20 Battery Option Ambient Temperature Ratings:
Max ambient temperature ratings are consistent with the values listed above. Minimum ambient temperature rating for ELL20 option is 0°C

NX LIGHTING CONTROLS

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components
			Networkable	Standalone Grouping	Scheduling	Occupancy	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	-	-	✓	✓	✓	-	 NXRM2-H
	NXWHM	NX Networked Wireless Enabled Integral NXSMP2-HMO Wireless High Bay Occupancy & Photocell Sensor	✓	✓	✓	✓	✓	✓	✓	✓	Max: 45ft	 NXSMP2-HMO
NX Wired	NXE	NX Wired Dual RJ45 SmartPORTS , without Sensor	✓	✓	✓	-	-	✓	✓	✓**	-	 NXFSP
	NXEHM	NX Wired Dual RJ45 SmartPORTS and Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	Max: 45ft	 NXFSP NXSMP2-HMO
NX Independent	NXCHM	NX Connect NXC-WHS20 Wireless High Bay Occupancy & Photocell Sensor	-	✓	-	✓	✓	✓	✓	✓*	Low Max: 8ft Med. Max: 20ft High Max: 40ft	 NXC-WHS20
	WSPD360	End Mounted WSPDEMUNV PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	-	-	Max: 45ft	 WSPDEMUNV
	WSPDA	End Mounted WSPDEMUNV PIR Occupancy Sensor with Automatic Dimming Photocell and Aisle Lens	-	-	-	✓	✓	✓	-	-	Max: 45ft	 WSPDEMUNV
	WSPDBT360	End Mounted Bluetooth® Programmable, WSPDBEMUNV Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	Max: 45ft	 WSPDBEMUNV
	WSPDBTA	End Mounted Bluetooth® Programmable, WSPDBEMUNV Occupancy Sensor with Automatic Dimming Photocell and Aisle Lens	-	-	-	✓	✓	✓	✓	✓	Max: 45ft	 WSPDBEMUNV
	OS1360	End Mounted WSPDEMUNV PIR On/Off Occupancy/ Daylight Sensor with 360° Lens	-	-	-	✓	✓	-	On/Off Only No Dim	-	Max: 45ft	 WSPDEMUNV
	OS1A	End Mounted WSPDEMUNV PIR On/Off Occupancy/ Daylight Sensor with Aisle Lens	-	-	-	✓	✓	-	On/Off Only No Dim	-	Max: 45ft	 WSPDEMUNV
	OS	End Mounted LSXR PIR On/Off Sensor 360° High Mount Sensor	-	-	-	✓	-	-	On/Off Only No Dim	-	Max: 45ft	 LSXR6LT
Other Independent Control	OCS	End Mounted LSXR PIR On/ Off Occupancy/Daylight Sensor 360° High Mount Sensor	-	-	-	✓	✓	-	On/Off Only No Dim	-	Max: 45ft	 LSXR6PLT
	ODS	End Mounted LSXR PIR Dimming Occupancy Sensor 360° High Mount Sensor	-	-	-	✓	-	✓	-	-	Max: 45ft	 LSXR6HLLT

* Requires use of NX Connect App available for download from Apple app store

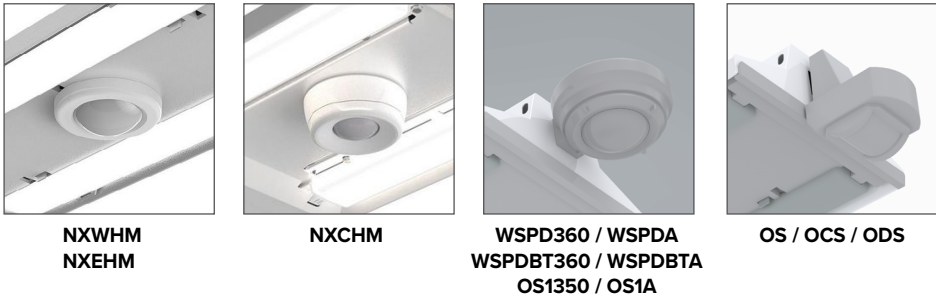
** Requires NXBTC (bluetooth programming tool), order separately

CONTROLS

DEFAULT SETTINGS

NX Wireless & Wired	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7 Minutes
	Occupancy Sensor Timeout	15 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	0% (OFF)
	Daylight Sensor	Disabled
	Bluetooth	Enabled
	2.4GHz Wireless Mesh	Off
	"Passcode	Enabled
	Factory Passcode: HubbN3T!"	
NX Independent - WSPDBT360/WSPDBTA	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7 Minutes
	Occupancy Sensor Timeout	8 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	0% (OFF)
	Daylight Sensor	Disabled
NX Independent - NX Connect	Settling/Dwell Time	5 sec
	Hold Time	15 min
	Group Hold Time	15 min
	Grace Time	0 sec
	Strategy	-
	Occupancy Sensitivity	5 (highest)
	Occupancy Indicator	1 (enabled)
	Partial Off/Standby	0%
	Background Level	10%
	Task Level	100%
	Daylight Harvesting	1 (enabled)
	Low Ambient Output	250% (of fixtures light output)
NX Independent - WSPD360/WSPDA	Occupancy Sensor Timeout	8 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	50%
	Full Off Timeout	Disabled
	Daylight Sensor	Disabled

PRODUCT IMAGE



CONTROLS TECHNICAL SUPPORT

1-800-888-8006 (7:00 am–7:00 pm est)

APP INFORMATION

NX Lighting Controls App



The NX Lighting Controls App is a free to use mobile application for programming both an NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enabled luminaires and program your NX system settings.



Android



Apple iOS

NX Connect App



The NX Connect mobile App is a free to use mobile application for programming a NX Connect System. The mobile App allows you to discover, configure and share your NX Connect system.



Apple iOS

INTEGRATED SENSORS

FIELD CHANGEABLE NX-WHS20 SENSOR ACCESSORIES

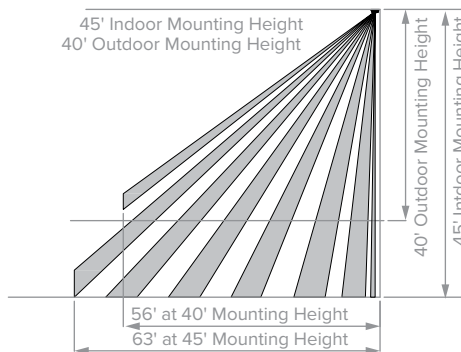


Ordering Sku	Ordering Cat# Logic	Description
93134999	NX- WHS20_LOW_LENS_KIT_10	Low Lens: 2.5m (8ft) - 10pk
93135001	NX- WHS20_MED_LENS_KIT_10	Med Lens: 6m (20ft) - 10pk
93135003	NX- WHS20_HIGH_LENS_KIT_10	High Lens: 12m (40ft) - 10pk
93134985	NX- WHS20_SNAP_AISLE_MASK_KIT_10	Snap on Aisle Mask

Note: See NX-WHS20 spec sheet for Occupancy Detection Patterns

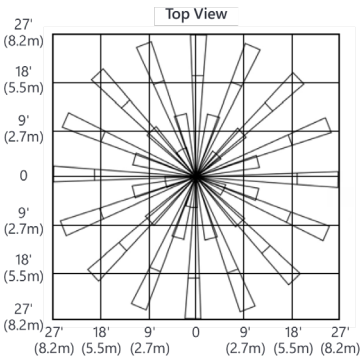
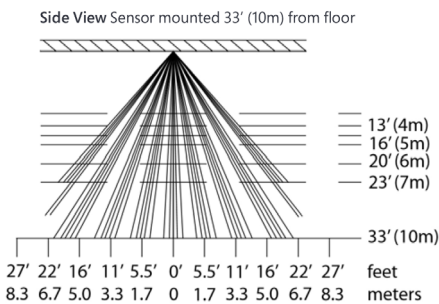
COVERAGE PATTERNS

NXWHM (NXSMP2-HMO SENSOR) NXEHM (NXSMP2-HMO)

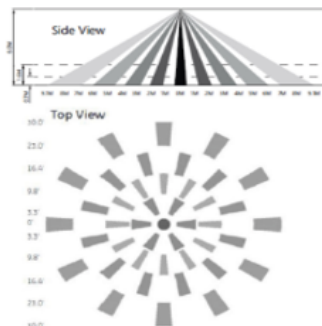


Sensor Lens Coverage and Detection Patterns When Mounted at 40ft and 45ft with Standard Lens

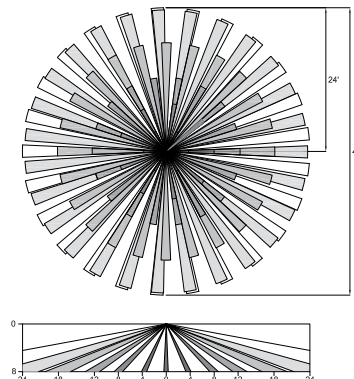
NXCHM (NXC-WHS20 SENSOR) HIGH LENS: 12.2M (40FT) 27ft Radius/54ft Diameter



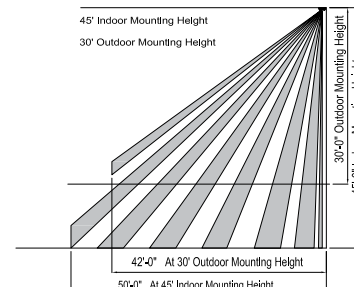
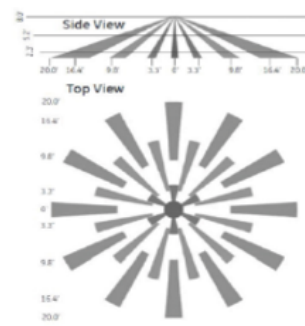
NXCHM (NXC-WHS20 SENSOR) MED LENS: 6M (20FT) 30ft Radius/60ft Diameter



WSPD360/WSPDA/WSPDBT360/ WASDBTA/OS1360/OS1A

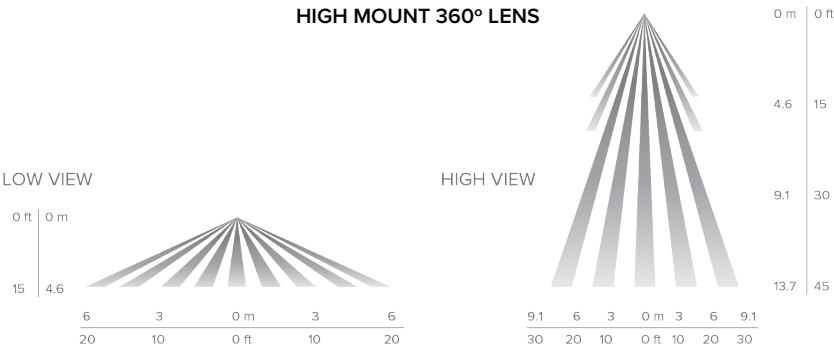


NXCHM (NXC-WHS20 SENSOR) LOW LENS: 2.5M (8FT) 20ft Radius/40ft Diameter



OTHER LIGHTING CONTROLS

OS, OCS, ODS
COVERAGE PATTERNS



FUNCTIONALITY AND DEFAULT SETTINGS

Name	Description	Minimum Value	Maximum Value	Default Values for Cat Logic Choice		
				OS	OCS	ODS
Occupancy Time Delay (1 Pole)	The length of time the sensor will keep the lights controlled by relay 1 on at full bright after it last detects occupancy, assuming Minimum On Time has been met.	30 sec	30 min	10 min	10 min	10 min
Occupancy Time Delay (2 Pole)	The length of time the sensor will keep the lights controlled by relay 2 on after it last detects last occupancy, assuming Minimum On Time has been met.	N/A	30 min	10 min	10 min	10 min
Photocell Set-Point	The target light level (at the sensor) that is to be maintained.	Auto	64fc	N/A	N/A	4fc
Sunlight Discount Factor	Value used to improve the tracking for accuracy of a sensor with a photocell during periods of high daylight. Decreasing the value will lower the controlled level of the lights.	x/1	x/10	N/A	N/A	x/1
Dimming Range Max (High Trim)	The maximum output level of a sensor with dimming.	Off	10 VDC	N/A	10 VDC	10 VDC
Dimming Range Low (Low Trim)	The minimum output level to which the photocell will dim the lights.	Off	10 VDC	N/A	1 VDC	1 VDC
Dual Zone Photocell %	Relative value of photocell set-point that is used to control relay 2.	110%	200%	N/A	N/A	150%
Dim to Off Occupancy Time Delay	After Occupancy Time Delay has expired, this setting specifies the amount of time lights are held at minimum dim before turning off.	0 sec	Never Off	0 sec	0 sec	0 sec

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

PACKAGING/SHIPPING INFO

JOB PACKAGING IS STANDARD

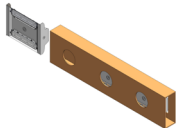
Note: Orders less than 14 fixtures are typically sent Packaged Individually

SLEEVE

Size 1

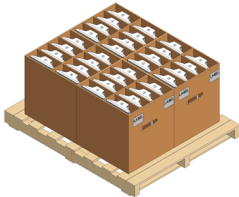


Size 2 & Size 3

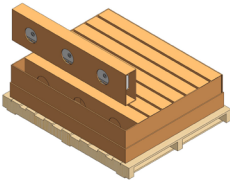


LAYER

Size 1



Size 2 & Size 3

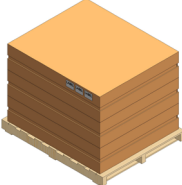


PALLET

Size 1



Size 2 & Size 3

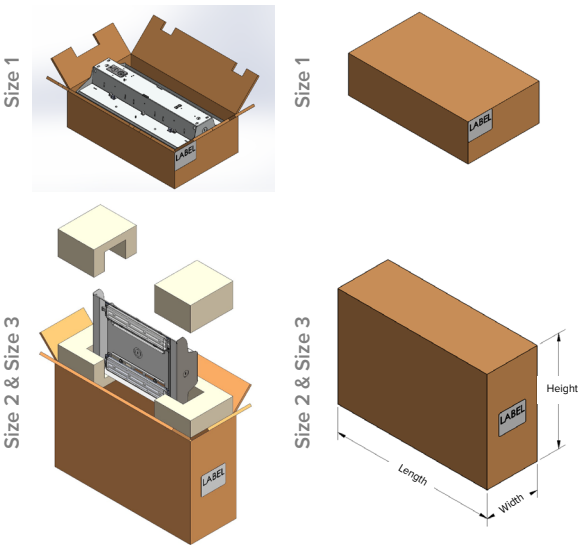


JOB PACK DETAILS			
Size	Fixtures per Sleeve	Sleeves per Layer	Layers per Pallet
1	8	4	2
2	3	8	3
3	1	8	3

JOB PACK PALLET QTYS			
Pallet Dimensions			
Size	Standard Fixture Qty	L (in) x W(in)	H (in)
1	64	52 x 42	45.5
2	72	52 x 42	39.0
3	24	52 x 42	39.0

JOB PACK PALLET QTYS FOR FIXTURES W/ OPTIONS					
Fixture Options					
Cord	EL Pack	Bottom Sensor	Bottom Mt Sensor & Cord	Side Mt Sensor	Side Mt Sensor & Cord
48	42	48	48	42	42
63	48	72	63	48	48
21	21	24	21	24	21

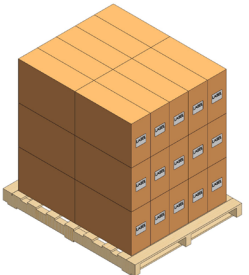
PACKAGED INDIVIDUALLY: OPTION SELECTION PI



Packaged Individually Box Dimensions			
Size	Length (in)	Width (in)	Height (in)
1	20.0	12.0	6.0
2	22.3	7.5	15.0
3	36.5	7.5	15.0

Packaged Individually Pallet Qty & Dimensions			
Size	Qty	L (in) x W (in)	Height (in)
1	56	52 x 42	47.0
2	30	52 x 42	49.0
3	20	52 x 42	48.0

Note: Packaged Individually dimensions do not change if sensor, cord, or EL Pack option is added to fixture

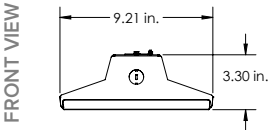
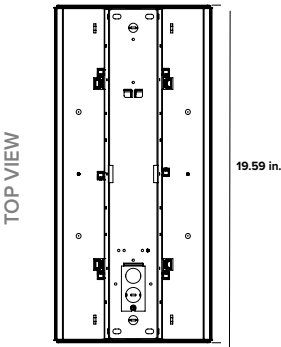


DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

DIMENSIONS

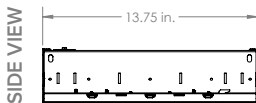
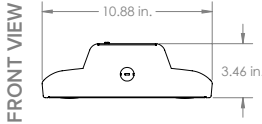
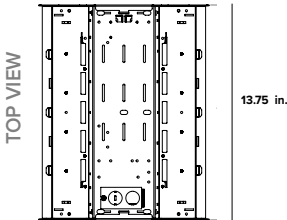
PELA SIZE 1
L09, L12, L15, & L18 LUMEN OUTPUT

Max Weight: 6 lbs



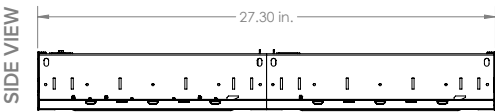
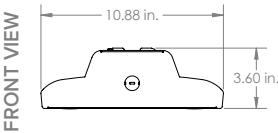
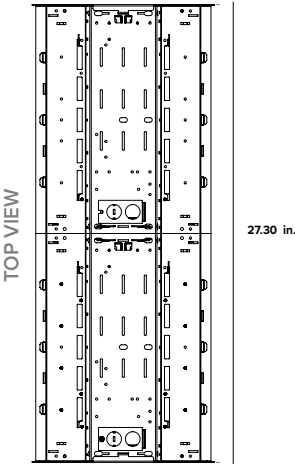
PELA SIZE 2
L24 & L30 LUMEN OUTPUT

Max Weight: 10 lbs



PELA SIZE 3
L36 & L48 LUMEN OUTPUT

Max Weight: 20 lbs



EMERGENCY BATTERY INFORMATION

Lumens in Emergency Mode = LPW of Fixture x EM Pack Wattage (20 watts)

PELA SIZE 1

L09, L12, L15, & L18 LUMEN OUTPUT

VOLTAGE: U, 120V, & 277V

PELA SIZE 2

L24 & L30 LUMEN OUTPUT

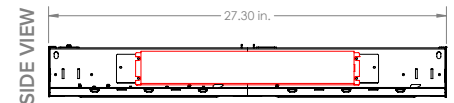
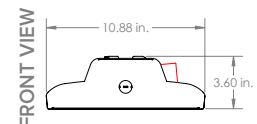
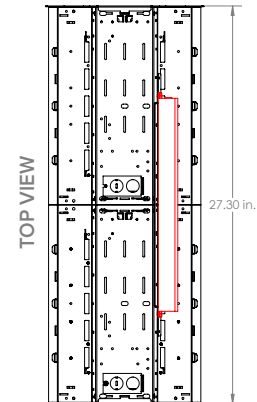
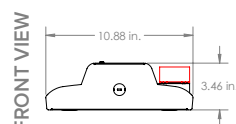
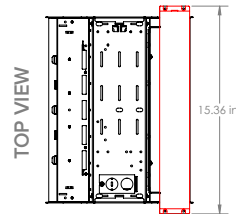
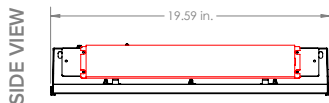
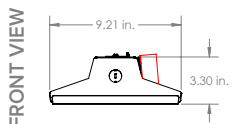
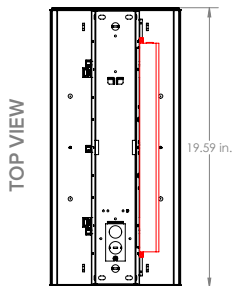
VOLTAGE: U, 120V, & 277V

PELA SIZE 3

L36 & L48 LUMEN OUTPUT

VOLTAGE: U, 120V, & 277V

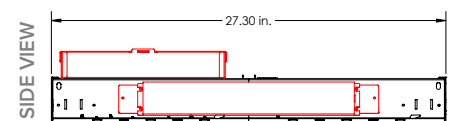
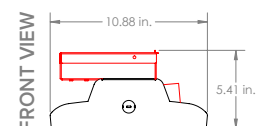
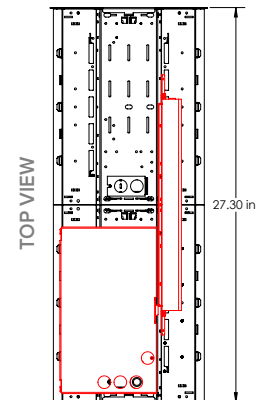
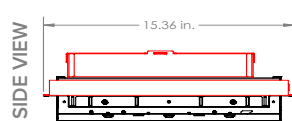
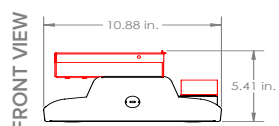
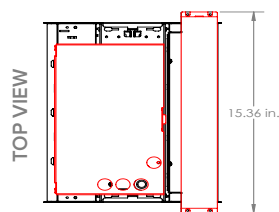
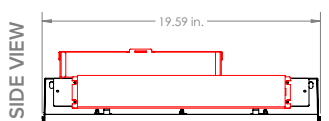
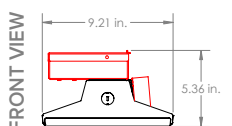
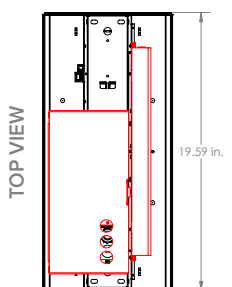
Note: Location of ELL20 battery option is shown in RED below



VOLTAGE: 347V & 480V

VOLTAGE: 347V & 480V

VOLTAGE: 347V & 480V



PHOTOMETRY

PELA-840L30-A-XXX

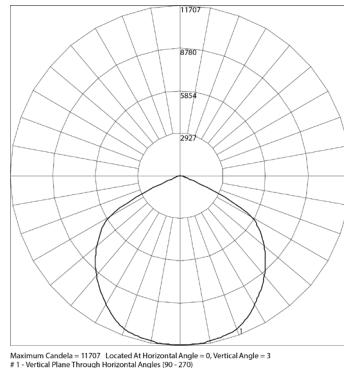
LUMINAIRE DATA

Description	Linear Highbay; 30,000 Lumens; No Lens (120)
Delivered Lumens	33,000
Watts	227
Efficacy	145
Spacing Criterion	0°= 1.30 90°= 1.30

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-20	4336.26	13.10
0-30	9318.28	28.20
0-40	15393.24	46.60
0-60	27596.01	83.60
0-80	32795.71	99.40
0-90	32953.71	99.90
10-90	31843.63	96.50
20-40	11056.97	33.50
20-50	17426.24	52.80
40-70	16145.67	48.90
60-80	5199.70	15.80
70-80	1256.80	3.80
80-90	158.00	0.50
90-110	6.51	0.00
90-120	11.02	0.00
90-130	16.74	0.10
90-150	31.01	0.10
90-180	45.85	0.10
110-180	39.34	0.10
0-180	32999.56	100.00

POLAR GRAPH



Maximum Candela = 11707 Located At Horizontal Angle = 0, Vertical Angle = 3
1 - Vertical Plane Through Horizontal Angles (90 - 270)

PELA-840L30-B-XXX

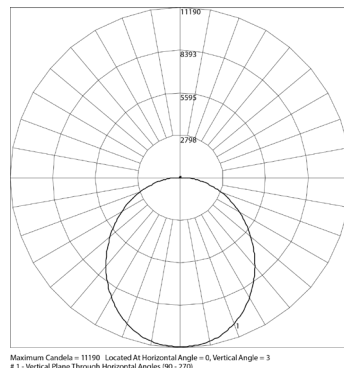
LUMINAIRE DATA

Description	Linear Highbay; 30,000 Lumens; Diffused Lens (120)
Delivered Lumens	30,000
Watts	227
Efficacy	132
Spacing Criterion	0°= 1.22 90°= 1.22

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-20	4059.62	13.50
0-30	8521.12	28.40
0-40	13728.40	45.80
0-60	23466.33	78.20
0-80	29014.12	96.70
0-90	29753.87	99.20
10-90	28698.74	95.70
20-40	9668.79	32.20
20-50	14861.19	49.50
40-70	13191.07	44.00
60-80	5547.79	18.50
70-80	2094.64	7.00
80-90	739.75	2.50
90-110	57.22	0.20
90-120	92.44	0.30
90-130	132.14	0.40
90-150	203.09	0.70
90-180	246.09	0.80
110-180	188.87	0.60
0-180	29999.96	100.00

POLAR GRAPH



Maximum Candela = 11190 Located At Horizontal Angle = 0, Vertical Angle = 3
1 - Vertical Plane Through Horizontal Angles (90 - 270)

PELA-840L30-C-XXX

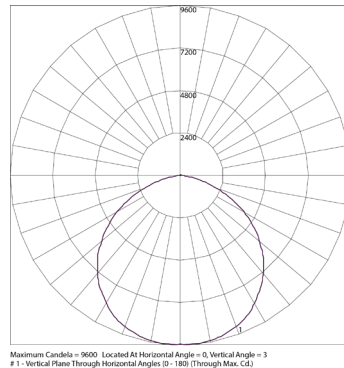
LUMINAIRE DATA

Description	Linear Highbay; 30,000 Lumens; Clear Lens (120)
Delivered Lumens	32,400
Watts	227
Efficacy	143
Spacing Criterion	0°= 1.30 90°= 1.30

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-20	4257.43	13.10
0-30	9148.86	28.20
0-40	15113.38	46.60
0-60	27094.28	83.60
0-80	32199.42	99.40
0-90	32354.59	99.90
10-90	31264.71	96.50
20-40	10855.95	33.50
20-50	17109.39	52.80
40-70	15852.10	48.90
60-80	5105.14	15.80
70-80	1233.94	3.80
80-90	155.17	0.50
90-110	6.51	0.00
90-120	11.02	0.00
90-130	16.74	0.10
90-150	30.78	0.10
90-180	45.33	0.10
110-180	38.82	0.10
0-180	32399.92	100.00

POLAR GRAPH



Maximum Candela = 9600 Located At Horizontal Angle = 0, Vertical Angle = 3
1 - Vertical Plane Through Horizontal Angles (90 - 180) (Through Max Cd)

PHOTOMETRY

PELA-840L30-D-XXX

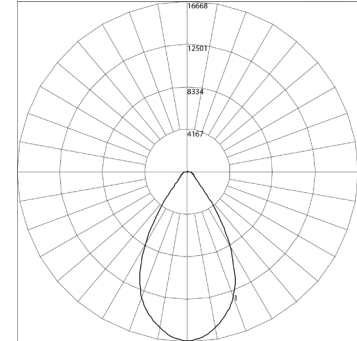
LUMINAIRE DATA

Description	Linear Highbay; 30,000 Lumens; Diffused Lens (55)
Delivered Lumens	30,900
Watts	227
Efficacy	136
Spacing Criterion	0°= 1.36 90°= 0.94

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-20	7077.35	22.90
0-30	14379.83	46.50
0-40	21374.12	69.20
0-60	28509.94	92.30
0-80	30559.83	98.90
0-90	30790.07	99.60
10-90	28917.99	93.60
20-40	14296.77	46.30
20-50	18873.45	61.10
40-70	8501.75	27.50
60-80	2049.89	6.60
70-80	683.96	2.20
80-90	230.24	0.70
90-110	19.09	0.10
90-120	36.33	0.10
90-130	53.41	0.20
90-150	82.73	0.30
90-180	109.79	0.40
110-180	90.71	0.30
0-180	30899.86	100.00

POLAR GRAPH





Surface-mounted downlights

Symmetric light distribution

A series of compact ceiling mounted downlights with partially frosted crystal glass. Designed for lighting atriums, canopies, passages, and a variety of other interior and exterior locations, the partially frosted crystal glass creates an additional vertical light component that supplements the downlight.

Luminaires in this series require a remote 24 V DC class 2 power supply suitable to operate the intended LED wattage, see page 405.

Die-cast aluminum · Partially frosted crystal glass
Reflector made of pure anodized aluminum.

LED color temperatures: 2700 K, 3000 K, 3500 K, 4000 K

BEGA luminaires offer a minimum service life of 60,000 hours, with suitable LED replacement modules guaranteed for up to 20 years after date of purchase. Further LED technical data including luminous flux, CRI, dimming and electrical characteristics are provided on the individual luminaire specification sheets, available at www.bega-us.com

All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish, a fluoropolymer technology, provides superior fade protection in Black, Bronze, and Silver. BEGA standard White, as well as optionally available RAL and custom colors, are a polyester powder.

NRTL listed to North American standards · Suitable for wet locations
Protection class IP 65



Surface mounted downlights					
	LED	β	A	B	Required wiring box
66 055	3.0 W	71°	3 3/4"	3 5/8"	19 538
66 050*	4.9 W	69°	3 3/4"	3 5/8"	19 538
66 056	4.9 W	65°	4 7/8"	4 5/8"	—
66 051	10.0 W	57°	5 7/8"	5 1/4"	—
66 057	15.7 W	53°	7 1/2"	6 3/8"	—
66 058	35.7 W	46°	8 5/8"	6 3/4"	—

β = Beam angle
*Remote driver required

SPECIFICATIONS

DESCRIPTION:

High output adjustable LED accent fixture. Suitable for wet/damp/dry location installations.

MATERIAL:

Standard overall material is 6061 aluminum.

FINISH:

AA - Anodized Satin Aluminum
AP - Powder Coat Aluminum
BK - Powder Coat Black
BZ - Powder Coat Bronze
WT - Powder Coat White

LED OPTIONS:

Integral high output Xicato LED module.

LED Output

L30 - 8.0W, 350mA, 750 Lumens
L35 - 11.6W, 500mA, 1000 Lumens
L40 - 16.5W, 700mA, 1300 Lumens

Color Temperature CCT

27 - 2700K CCT
30 - 3000K CCT
35 - 3500K CCT
40 - 4000K CCT

Reflector, Field Replaceable

NF - Narrow Flood, 20°
FL - Flood, 40°
WFL - Wide Flood, 60°

VOLTAGE:

Requires remote LED driver. 120V Leading edge/trailing edge dimmable.
 277V dimmable in 0-10V only. Constant current remote LED Driver included.
 See driver options.

120-277 - 120-277V LED driver

120-277-010 - 120-277V 0-10V Dimming Driver

DRIVER OPTIONS:

Fixture includes HL-RD remote LED driver enclosure (3R rated stainless steel enclosure) standard. Driver options available in place of HL-RD for direct burial, surface, ground and wall mounting available.

H-POD-LED-L** - Remote direct burial driver.

HLD-CBB-L** - Composite burial box for driver w/fixture mount.

SMED-L** - Surface mount driver canopy.

WMED-L** - Wall mount driver canopy.

GM-9-L** - LED Driver in PVC Post / Ground Spike

MOUNTING:

Fixture is designed with a 1/2-NPS adjustable mounting stem.

OPTIONS:

Glare shield

GL-920 - Angled, aluminum (overlap)

GL-921 - Straight, aluminum

GL-922 - Angled, aluminum (integral)

Lenses/Louvers/Color Filters

LA-1-920 - Hexcell Louver (Black)

LA-2-920 - Prismatic lens

LA-3-920 - Linear spread lens

LA-4-920 - Soft focus lens (diffused)

LA-5-920 - Moonlight lens

LA-6-920 - Blue lens

See fixture accessories for more information.

SAMPLE ORDER SPECIFICATION:

HL-920-BZ-L40-30-FL-120-277-SMED-L40

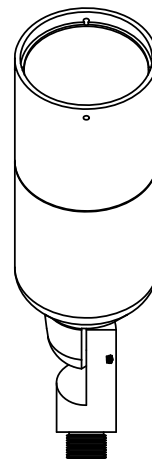
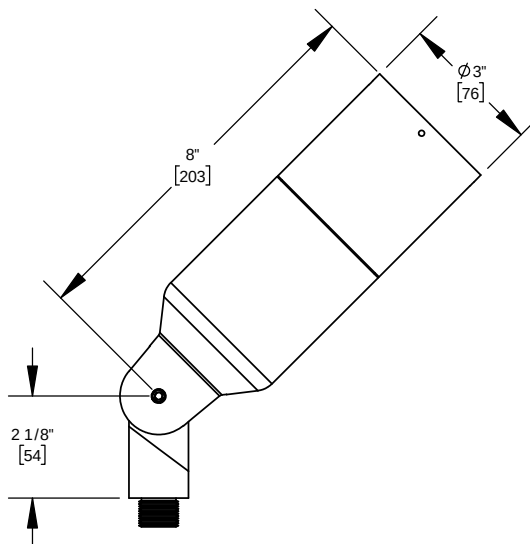
RATING:

Wet/damp/dry location.



Intertek

MADE IN THE USA


ORDER SPECIFICATION:

Fixture

Finish

LED Options

Voltage

Options/Access.

PROJECT:

APPROVED:

NOTE:

TYPE:



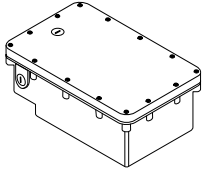
HEVI LITE, INC.

9714 Variel Ave, Chatsworth, CA 91311
 Tel., (818) 341-8091 - Fax (818) 998-1986
 Web Site <http://www.hevilite.com>

CATALOG NUMBER:

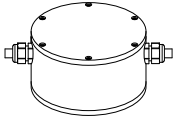
HL-920

L30, L40, & L50 Driver Options



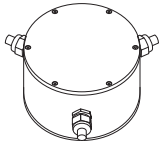
HLD-CBB-L **

Direct burial composite enclosure with (1)LED driver and (1)fixture mount location. Enclosure comes standard with junction compartment and anti-siphon chamber ensures no water can enter the main housing.



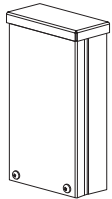
H-POD-L**

Direct burial LED Driver pod with (1) driver. Pod is equipped with moisture-lock cords to prevent water wicking. Suitable for wet/damp/dry location installation.



H-POD-L-2X**

Direct burial LED Driver pod with (2) LED drivers. Pod is equipped with moisture-lock cords to prevent water wicking. Suitable for wet/damp/dry location installation.

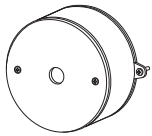


HL-RD-L **

3R rated rain tight stainless steel enclosure with (1) LED driver. Suitable for wet/damp/dry location installations.

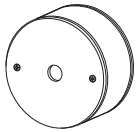
HL-RD-2X-L **

3R rated rain tight stainless steel enclosure with (2) LED drivers. Suitable for wet/damp/dry location installations.



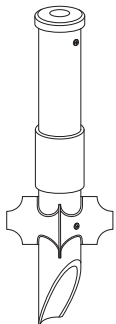
SMED-L**

Surface mount canopy with (1) LED driver, for (1) fixture. Suitable for wet/damp/dry location installations.



WMED-L**

Wall mount canopy with (1) LED driver, for (1) fixture. Suitable for wet/damp/dry location installations.



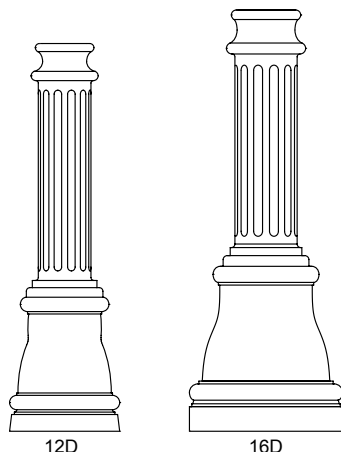
GM-9-L**

LED driver in PVC landscape post/mounting spike for ground mounting applications. Suitable for wet/damp/dry location installations.

Catalog Number	
Notes	Type

CHA

Charleston Aluminum Pole



SPECIFICATIONS

General Description

The lighting post shall be all aluminum, one-piece construction, with a classic tapered and fluted base design.

Materials

- The base and fluted tapered cast shaft shall be heavy wall, cast aluminum produced from certified ASTM 356.1 ingot per ASTM B-179 or ASTM B26
- The straight shafts shall be extruded from aluminum, ASTM 6061 alloy
- The tapered shaft shall be extruded from aluminum, ASTM 6063 alloy, spun to a tapered shape
- All hardware shall be tamper resistant stainless steel
- Anchor bolts to be completely hot dip galvanized.
- Utilize a polyester powder coat paint to ensure maximum durability.
- Rigorous multi-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 8 (per ASTM D1654) after over 5,000 hours exposure to salt fog chamber (operated per ASTM B117) on standard and RAL finish options.
- RAL (RALxxxxSDCR) paint colors are Super Durable Corrosion Resistant, 80% gloss.

Construction

- The shaft shall be double welded to the base casting and shipped as one piece for maximum structural integrity
- The shaft shall be welded inside the base casting at the top of the access door, and externally where the shaft exits the base
- All welding shall be per ANSI/AWS

Dimensions

- The post height shall range from 8' to 22' with a 12" or 16" diameter base
- At the top of the post, an integral tenon with a transitional donut shall be provided for luminaire mounting

Installation

- The post shall be provided with four, hot dip galvanized L-type anchor bolts
- A door shall be provided in the base for anchorage and wiring access
- A grounding screw shall be provided inside the base opposite the door

Warranty

1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

IMPORTANT INSTALLATION NOTES:

- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Acuity Brands Lighting will not accept claim for incorrect anchorage placement due to failure to use factory template.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Acuity Brands Lighting is not responsible for the foundation design.

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.



The Rapid Ship Pole and Luminaire program provides quick solutions for urgent needs.

The most popular and readily available are available for those urgent projects. Select from the following options to get up to 20 units shipped in 20 working days or less!

ORDERING INFORMATION

Example: CHA 14 S4C 16D C03 BK

Post	Height	Shaft Style	Base	Tenon	Finish	Options	Welded Provisions
CHA Charleston Aluminum Pole	12 12 feet	Fluted Shaft	12D 12" Base, Diamond Pattern Bolt Circle	C03 3X3 Tenon, (actual size 2.88 O.D. x 3" LG.)	BK Black BZ Bronze GH Graphite GN Green GR Grey WH White	GRD 1/2 Brass Grounding Lug	R132A Receptacle Provision located on the Hand Hole side, at 11 feet on 12 foot shaft R156A Receptacle Provision located on the Hand Hole side, at 13 feet on 14 foot shaft NOTE Must include, FGIUS XX, replace XX with shaft finish
	14 14 feet	F4C Diameter .125 Wall	16D 16" Base, Diamond Pattern Bolt Circle				
		Smooth Shaft					
		S4C 4" Diameter .125 Wall					
		SiteLink					
		SL4 4.50" Fluted, .156 Wall	NOTE Refer to Dimension Data for Base Options based on SiteLink and Non-SiteLink Shaft Styles.				
		SL5 5.25" Fluted, .25 Wall					

Accessories: Order as separate catalog number.

Anchor Bolt Sets:

AB-31-4 3/4" Anchor bolt set, galvanized steel

Templates:

TMP-60 7-12" Bolt Circle, (for 12D Base Option)

TMP-105 10 to 12" Bolt Circle, (for 16D Base Option)

TMP40004 7-12" Bolt Circle, (for 12D Base Option): for SiteLink SL4 Shaft only

TMP40015 12" Bolt Circle, (for 16D Base Option): for SiteLink SL4 Shaft only

ORDERING INFORMATION

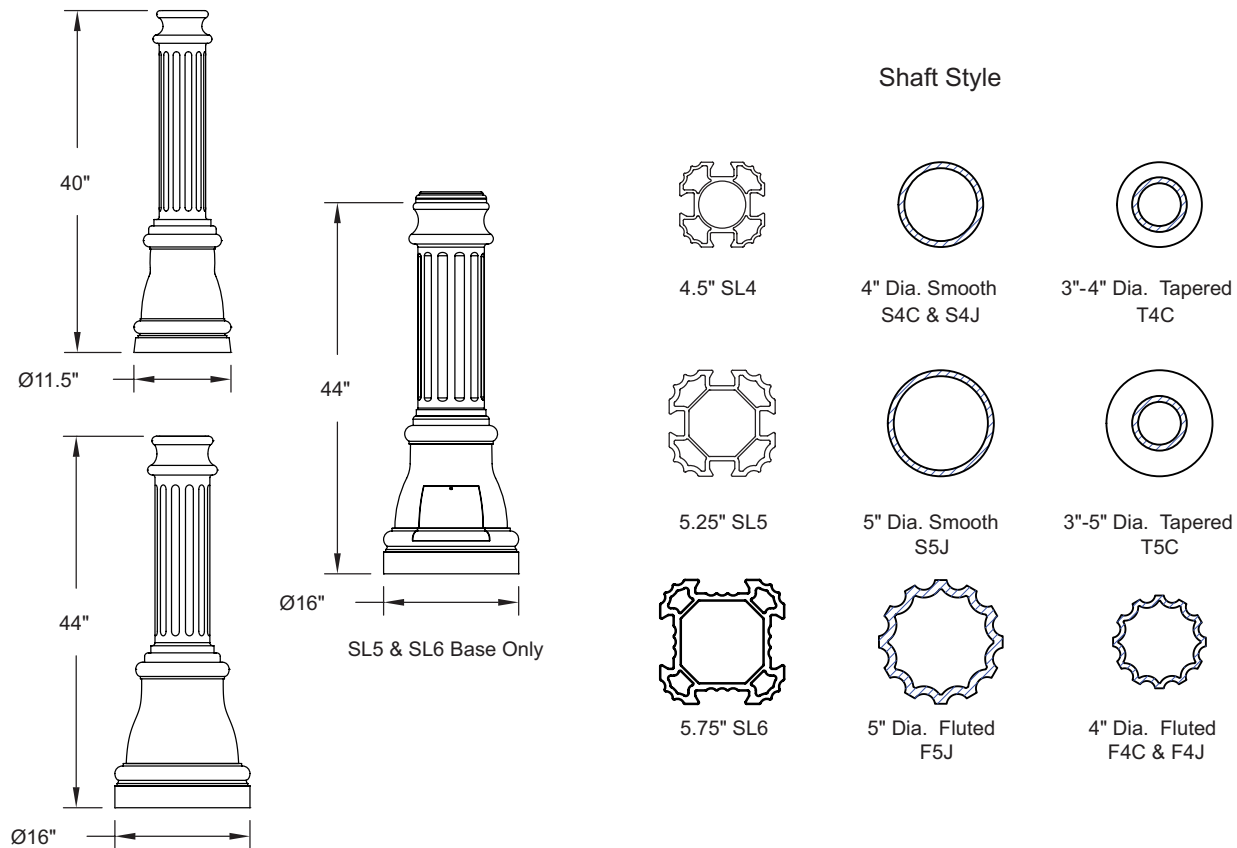
Example: CHA 14 S4C 16D C03 DBB BK

Post	Height	Shaft Style	Base	Tenon
CHA Charleston Aluminum Pole	08 8 Feet	<u>Fluted Shaft</u>	12D 12" Base, Diamond Pattern Bolt Circle	PLN ¹ Pole Cap
	09 9 Feet	F4C 4" Diameter .125 Wall	16D 16" Base, Diamond Pattern Bolt Circle	C03 3X3 Tenon, (actual size 2.88 O.D. x 3" LG.)
	10 10 Feet	F4J 4" Diameter .25 Wall		C04 3X4 Tenon, (actual size 2.88 O.D. X 4" LG.)
	11 11 Feet	F5J 5" Diameter .25 Wall		C05 3X5 Tenon, (actual size 2.88 O.D. X 5" LG.)
	12 12 Feet	<u>Smooth Shaft</u>		C06 3X6 Tenon, (actual size 2.88 O.D. X 6" LG.)
	13 13 Feet	S4C 4" Diameter .125 Wall		C08 3X8 Tenon, (actual size 2.88 O.D. X 8" LG.)
	14 14 Feet	S4J 4" Diameter .25 Wall		C09 3X9 Tenon, (actual size 2.88 O.D. X 9" LG.)
	15 15 Feet	S5J 5" Diameter .25 Wall		C12 3X12 Tenon, (actual size 2.88 O.D. X 12" LG.)
	16 16 Feet	<u>Tapered Shaft</u>		C14 3X14 Tenon, (actual size 2.88 O.D. X 14" LG.)
	17 17 Feet	T4C 3" to 4" Diameter .125 Wall		E08 ² 3-1/2X8 Tenon, (actual size 3.5 O.D. X 8" LG.)
	18 18 Feet	T5C 3" to 5" Diameter .125 Wall		G08 ² 4-3/8X8 Tenon, (actual size 4.38 O.D. X 8" LG.)
	19 19 Feet	<u>SiteLink</u>		G12 ² 4-3/8X12 Tenon, (actual size 4.38 O.D. X 12" LG.)
	20 20 Feet	SL4 4.50" Fluted, .156 Wall		H10 ² 4-1/2X10 Tenon, (actual size 4.5 O.D. X 10" LG.)
	21 21 Feet	SL5 5.25" Fluted, .25 Wall	NOTE Refer to Dimension Data for Base Options based on SiteLink and Non-SiteLink Shaft Styles.	VGP ² VGC Plate
	22 22 Feet	SL6 5.75" Fluted, .25 Wall		
	NOTE: Refer to Pole Guide on page 4 for height based on Shaft Style.			NOTE 1. Not available with T4C or T5C shaft styles. 2. Available with F5J and S5J shaft styles only

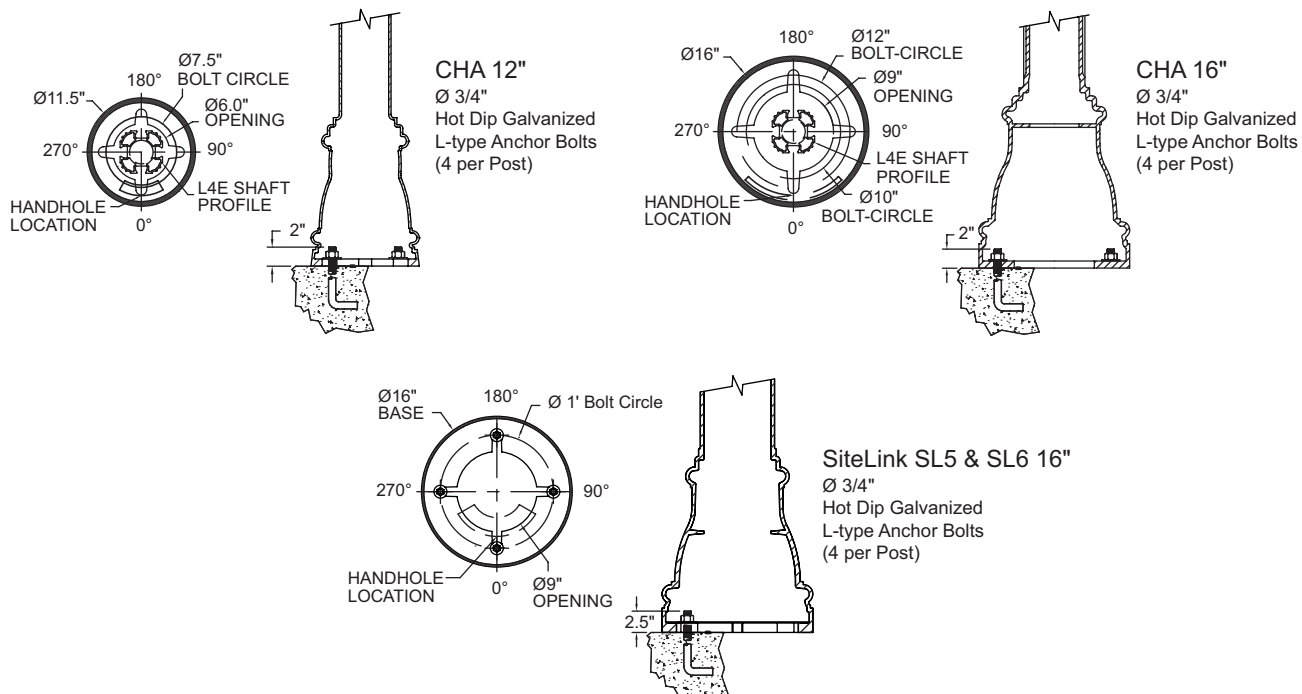
Finish	Options	Welded Provisions
BK Black	DBB ³ Factory Installed Direct Burial Base	EXXXY ⁴ Provision for Eye Bolt
BZ Bronze	GRD 1/2 Brass Grounding Lug	LXXXY ⁴ Large provision. Accommodates 1.25" and 1.50" flag pole holder and accommodates 1.25" and 1.50" banner arm.
CMC Customer matched color		RXXXY Receptacle Provision in shaft
CTBS Standard color to be determined		SBORXXXY ⁴ Occupancy Sensor Provision
DB Dark Blue		SXXXY ⁴ Small provision. Accommodates .75" and 1.00" flag pole holder and accommodates .75" and 1.00" banner arm.
GH Graphite		NOTE 4. Not available with SiteLink Replace "XXX" with height from grade (inches), can be up to 3 digits. Must use whole numbers. Leading zeros are not used. Replace Y with orientation from hand hole (A=0, B=90, C=180, D=270). Add multiple provisions as necessary to cover each location. Must validate EPA restrictions for banners.
GN Green		
GR Gray		
PP Prime Painted		
RALxxxxSDCR RAL Super Durable Corrosion Resistant, 80% Gloss Paint, replace xxxx with RAL number.		
SL Silver		
WH White		
	NOTE 3. DBB not available SL5 and SL6	

Accessories: Order as separate catalog number.			
Anchor Bolt Sets:		Breakaway Kits & Transpo Couplings:	
AB-31-4	3/4" Anchor bolt set, galvanized steel	BWKT 1150R 0750BC 075AB xx	For use with 12" base, excludes SiteLink. Breakaway Kit for 3/4" anchor bolts, includes Bearing Plate and Skirt (xx=finish). Transpo breakaway couplings shipped as separate line item (TRANSP0-SPM4075XL)
Direct Burial Bases:		BWKT 1600R 1200BC 075AB xx	For use with 16" base, excludes SL6. Breakaway Kit for 3/4" anchor bolts, includes Bearing Plate and Skirt (xx=finish). Transpo breakaway couplings shipped as separate line item (TRANSP0-PM4075XL)
ADBB1R10	10" Galvanized steel direct burial base	TRANSP0-SPM4075XL	Transpo breakaway couplings for BWKT 1150R 0750BC 075AB
ADBB1R4	16" Galvanized steel direct burial base	BWKT 1600R 1200BC 100AB xx	For use with 16" base, only with SL6. Breakaway Kit for 3/4" anchor bolts, includes Bearing Plate and Skirt (xx=finish). Transpo breakaway couplings shipped as separate line item (TRANSP0-PM4100XL)
Templates:		TRANSP0-SPM4100XL	Transpo breakaway couplings for BWKT 1600R 1200BC 100AB
TMP-60	7-12" Bolt Circle, (for12D Base Option)		
TMP-105	10 to 12" Bolt Circle, (for16D Base Option)		
TMP40004	7-12" Bolt Circle, (for12D Base Option): for SiteLink SL4 Shaft only		
TMP40015	12" Bolt Circle, (for 16D Base Option): for SiteLink SL5 & SL6 Shafts only		

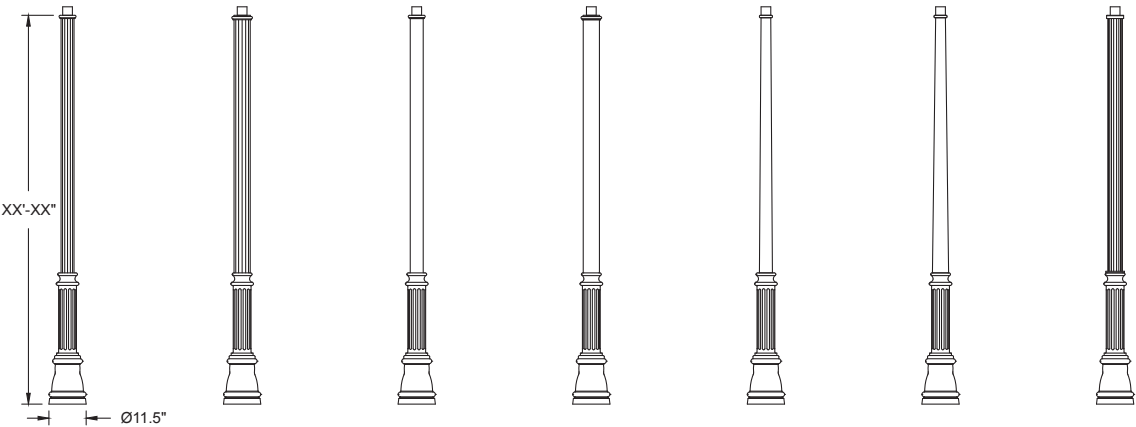
DIMENSIONAL DATA



ANCHORAGE GUIDE

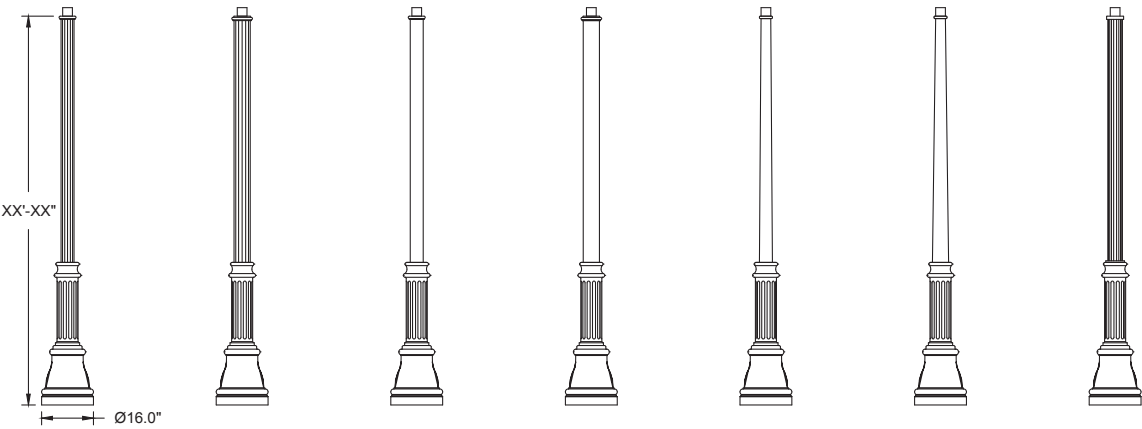


POLE GUIDE



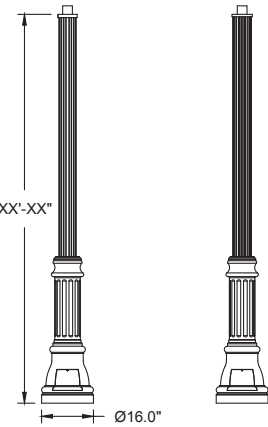
POLE HEIGHT RANGE (For 12" diameter base)

F4C & F4J	F5J	S4C & S4J	S5J	T4C	T5C	SL4
8' to 14'	10' to 16'	8' to 14'	10' to 16'	8' to 14'	10' to 16'	8' to 18'



POLE HEIGHT RANGE (For 16" diameter base)

F4C & F4J	F5J	S4C & S4J	S5J	T4C	T5C	SL4
8' to 14'	10' to 16'	8' to 14'	10' to 16'	8' to 14'	10' to 16'	8' to 18'



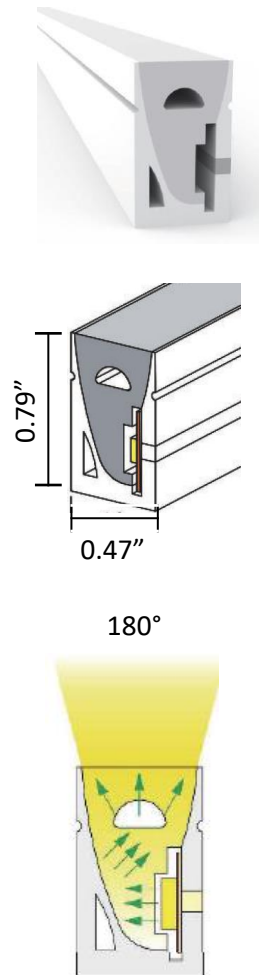
POLE HEIGHT RANGE (For 16" SL5 & SL6 diameter base)

SL5	SL6
8' to 22'	8' to 22'

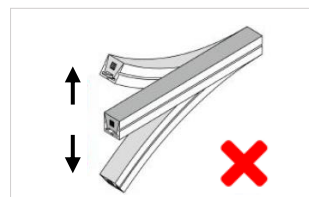
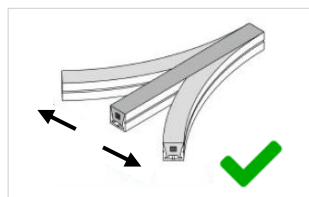
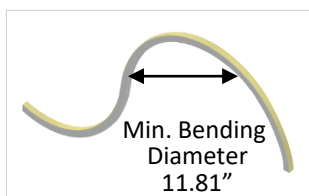
LWS12F – London Wave Side View



London Wave is an improved Neon Flex replacement using latest LED technology and creates pixilation free, uniform light lines, straight or curved. Made from UV-resistant silicone. The 180° light output provides direct as well as lateral light. Can be used with aluminum extrusions for straight lines or with the flexible extrusion to keep curves exactly as desired. Also mounts to the surface with mounting clips.



Bending Instruction



LWS12F – London Wave Side View



Technical Information:

Product	CCT	Output (lm/ft)	LEDs/ft	Consump. (watt/ft)	Efficacy (lm/watt)	CRI	Voltage	Max run length	Cut increment
065	2700K	~ 55	98	2.4	79	>90	24V	32'	1"
	3000K	~ 60	98	2.4	83	>90	24V	32'	1"
	3500K	~ 65	98	2.4	84	>90	24V	32'	1"
	4000K	~ 70	98	2.4	89	>90	24V	32'	1"
120	2700K	~ 105	98	4.1	88	>90	24V	26'	1"
	3000K	~ 110	98	4.1	92	>90	24V	26'	1"
	3500K	~ 115	98	4.1	97	>90	24V	26'	1"
	4000K	~ 120	98	4.1	99	>90	24V	26'	1"
165	2700K	~ 140	98	5.5	87	>90	24V	23'	1"
	3000K	~ 150	98	5.5	92	>90	24V	23'	1"
	3500K	~ 160	98	5.5	101	>90	24V	23'	1"
	4000K	~ 170	98	5.5	105	>90	24V	23'	1"
SR	Red	Red	72	6.0	7	N/A	24V	16'	1"
SG	Green	Green	72	6.0	43	N/A	24V	16'	1"
SB	Blue	Blue	72	6.0	11	N/A	24V	16'	1"
SY	Yellow	Yellow	72	6.0	4	N/A	24V	16'	1"
RGB	RGB	RGB	29	7.0	33	N/A	24V	13'	2.46"
RGBW	RGBW	RGBW	29	7.0	44	>90	24V	13'	2.46"
TW1865	1800K-6500K	20-280	73	5.8	10-146	>90	24V	32'	1.97"
TW2740	2700K-4000K	70-142	73	5.8	36-74	>90	24V	32'	1.97"

Ordering Code:

LWS12F

+

165

+

35

=

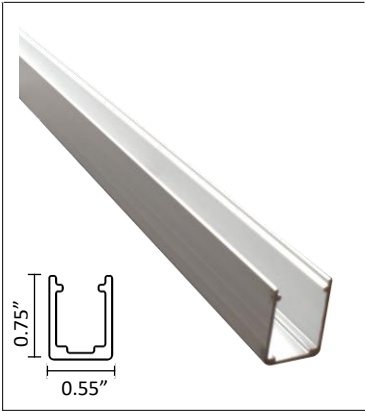
LWS12F-16535

London Wave Side View
~165 lm/ft, 3500K

1 - Product Line	2 - Output	3 - Color Temp
LWS12F = London Wave Side View	065 ~ 65 lm/ft 120 ~ 120 lm/ft 165 ~ 165 lm/ft	27 = 2700k 30 = 3000k 35 = 3500k 40 = 4000k
	TW = Tunable White	1865 = 1800k-6500k 2740 = 2700k-4000k
	SR = Static Red SG = Static Green SB = Static Blue SY = Static Yellow RGB = RGB RGBW = RGBW	N/A

Compatible Accessories:

Aluminum Extrusion



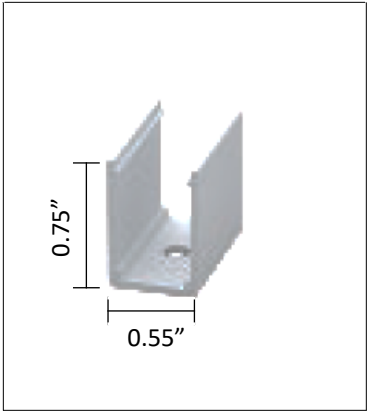
LWS12F-AL

Flexible Extrusion



LWS12F-FLX

Mounting Clip

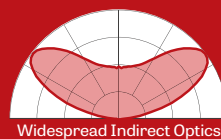


LWS12F-MC

Power Supply Ordering Codes

DTR		+	60		+	IP67		DTR60IP67 - Dimming, 60 Watt, IP67		
MODEL		+	POWER		+	IP RATING		INPUT	OUTPUT	DIMENSION
NTR Non-Dimming			50	50 Watt	IP00 Indoor			88-264V	24V	3.90 x 3.82 x 1.42
			75	75 Watt						5.08 x 3.82 x 1.50
			100	100 Watt						6.26 x 3.82 x 1.50
			150	150 Watt						7.84 x 3.85 x 1.50
			200	200 Watt						8.46 x 4.53 x 1.18
			320	320 Watt						8.46 x 4.53 x 1.18
			12	12 Watt	IP42 Indoor			90-264V	24V	3.03 x 1.57 x 1.14
			16	16 Watt						3.03 x 1.57 x 1.14
			25	25 Watt						3.31 x 2.24 x 1.16
			35	35 Watt						3.31 x 2.24 x 1.16
			20	20 Watt	IP67 Outdoor			90-264V	24V	4.65 x 1.38 x 1.02
			35	35 Watt						5.83 x 1.57 x 1.18
			60	60 Watt						6.40 x 1.67 x 1.26
			100	100 Watt						7.48 x 2.05 x 1.46
			150	150 Watt						7.52 x 2.48 x 1.48
			240	240 Watt						9.61 x 2.68 x 1.53
DTR Dimming (0-10V)			16	16 Watt	IP67 Outdoor			90-305V	24V	5.83 x 1.57 x 1.26
			25	25 Watt						5.83 x 1.57 x 1.26
			40	40 Watt						6.40 x 1.70 x 1.26
			60	60 Watt						6.40 x 1.70 x 1.26
			90	90 Watt						6.34 x 2.40 x 1.42
			100	100 Watt						8.66 x 2.68 x 1.53
			120	120 Watt						8.66 x 2.68 x 1.53
			150	150 Watt						8.97 x 2.68 x 1.58
			185	185 Watt						8.97 x 2.68 x 1.58
			240	240 Watt						9.88 x 2.68 x 1.58
			320	320 Watt						9.92 x 3.54 x 1.72
			480	480 Watt						10.32 x 4.92 x 1.72
			600	600 Watt						11.02 x 5.67 x 1.91
FPD Dimming (Forward Phase)			20	20 Watt	IP67 Outdoor			120V	24V	4.92 x 2.20 x 0.79
			40	40 Watt						4.92 x 2.20 x 0.79
			60	60 Watt						4.92 x 2.20 x 0.79
			75	75 Watt						4.92 x 2.20 x 0.79
			96	96 Watt						4.92 x 2.20 x 0.79
			150	150 Watt						9.24 x 3.00 x 2.74

ORY



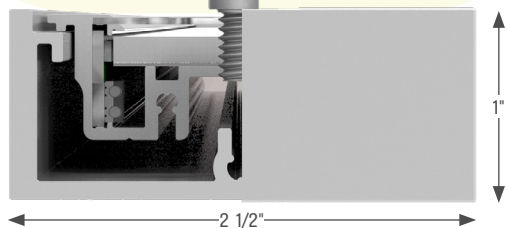
Widespread Optics in a Remarkably Compact Luminaire

Just 1" high x 2.5" wide, Ory appears to float effortlessly. A remote driver, accessible through the suspension canopy, provides power. Offering widespread, energy efficient lighting from such a compact luminaire . . . Ory is remarkable indeed.

With LumenWerx Widespread Indirect Optic (WIO), Ory delivers even ceiling brightness resulting in wider luminaire spacing than with ordinary pendants.

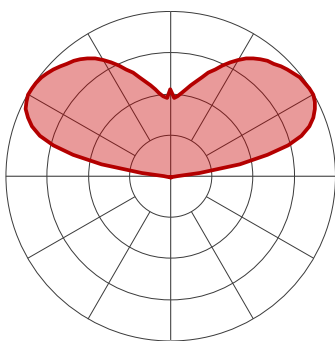
Ory is available as an indirect pendant, an indirect asymmetric wall luminaire (ADA compliant), and in indirect pendant patterns.

Actual size



Widespread Indirect Optics

The LumenWerx Widespread Indirect Optic (WIO) uses two vertically oriented LED arrays that couple light into the edges of a linear light guide. A specially designed TIR/microstructure extracts light into the desired “batwing” distribution. In the Ory the peak intensity hits at 110° while suppressing direct uplight. Peak-to-zenith intensity ratio is 2:1, outstanding for a compact luminaire. The Widespread Indirect Optic produces noticeably smoother ceiling brightness than a typical lambertian uplight distribution, permitting generally wider spacing as well. With luminous efficacy up to 118 LPW, Ory is no photometric lightweight, either.



Ory Pendant Indirect

LUMENWERX 2



Ory 4x4 Pendant Indirect

Patterns

Ory indirect patterns in 1x1, 2x2, 2x4, 1x4 and 4x4 configurations are suspended at the corners, which are unlit. The remote driver is accessible through an access panel in the central canopy and can be reached without disturbing the suspension cables.



ORY 1x1



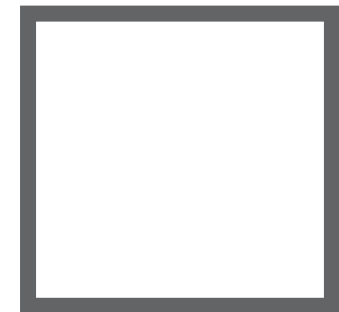
ORY 2x2



ORY 1x4



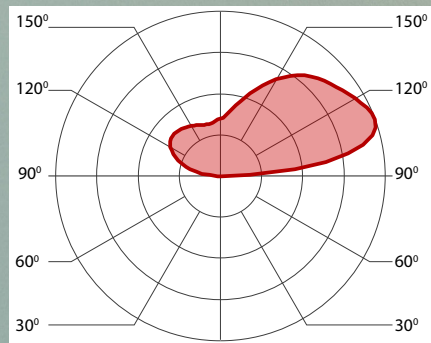
ORY 2x4



ORY 4x4

Wall Asymmetric

Ory wall mount features a widespread asymmetric distribution and is ADA compliant.

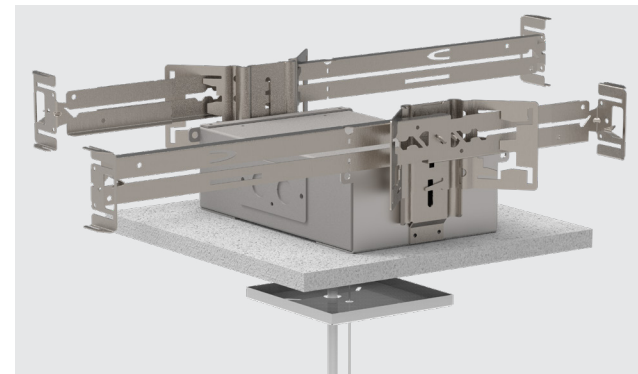


Ory Wall Indirect Asymmetric

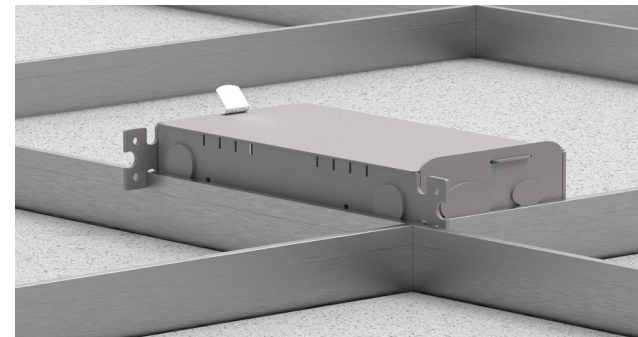
Remote Driver

The remote driver is furnished in a factory enclosure which is suitable for both drywall and grid ceilings. In drywall applications the driver is accessible through the canopy.

Driver features factory-set adjustable output current with 120-277V AC line input. Dimmable from 100% to 1% with 0-10V control.



DRYWALL CEILING REMOTE DRIVER BOX



GRID CEILING REMOTE DRIVER BOX



Wall luminaires
with light emissions on one or two sides

A series of wall mounted luminaires with light emission on one or two sides. The narrow beam light distribution of the luminaires is identical in both directions. Arranged individually or in groups, they are great design elements for a host of lighting applications.

BEGA 19 537 small opening wiring box (included) required for proper installation.

Die-cast aluminum · Safety glass
Reflector made of pure anodized aluminum

LED color temperatures: 2700 K, 3000 K, 3500 K, 4000 K

BEGA luminaires offer a minimum service life of 60,000 hours, with suitable LED replacement modules guaranteed for up to 20 years after date of purchase. Further LED technical data including luminous flux, CRI, dimming and electrical characteristics are provided on the individual luminaire specification sheets, available at www.bega-us.com

All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish, a fluoropolymer technology, provides superior fade protection in Black, Bronze, and Silver. BEGA standard White, as well as optionally available RAL and custom colors, are a polyester powder.

NRTL listed to North American standards · Suitable for wet locations
Protection class IP 65



Light emission on one-side							
	LED	β	A	B	C	D	Required wiring box
66 655	7.9 W	21°	4 3⁄8	9 1⁄8	6 1⁄4	1 5⁄8	19 537
24 034	12.1 W	17°	4 3⁄8	9 1⁄8	6 1⁄4	1 5⁄8	19 537
66 698	12.5 W	18°	5 7⁄8	11	7 3⁄4	1 5⁄8	19 537
24 035	18.1 W	15°	5 7⁄8	11	7 3⁄4	1 5⁄8	19 537

β = Beam angle



Light emission on two-sides							
	LED	β	A	B	C	D	Required wiring box
66 516	15.8 W	21°	4 3⁄8	9 1⁄8	6 1⁄4	1 5⁄8	19 537
24 008	24.2 W	18°	4 3⁄8	9 1⁄8	6 1⁄4	1 5⁄8	19 537
66 519	25.0 W	17°	5 7⁄8	11	7 3⁄4	1 5⁄8	19 537
24 009	36.2 W	13°	5 7⁄8	11	7 3⁄4	1 5⁄8	19 537

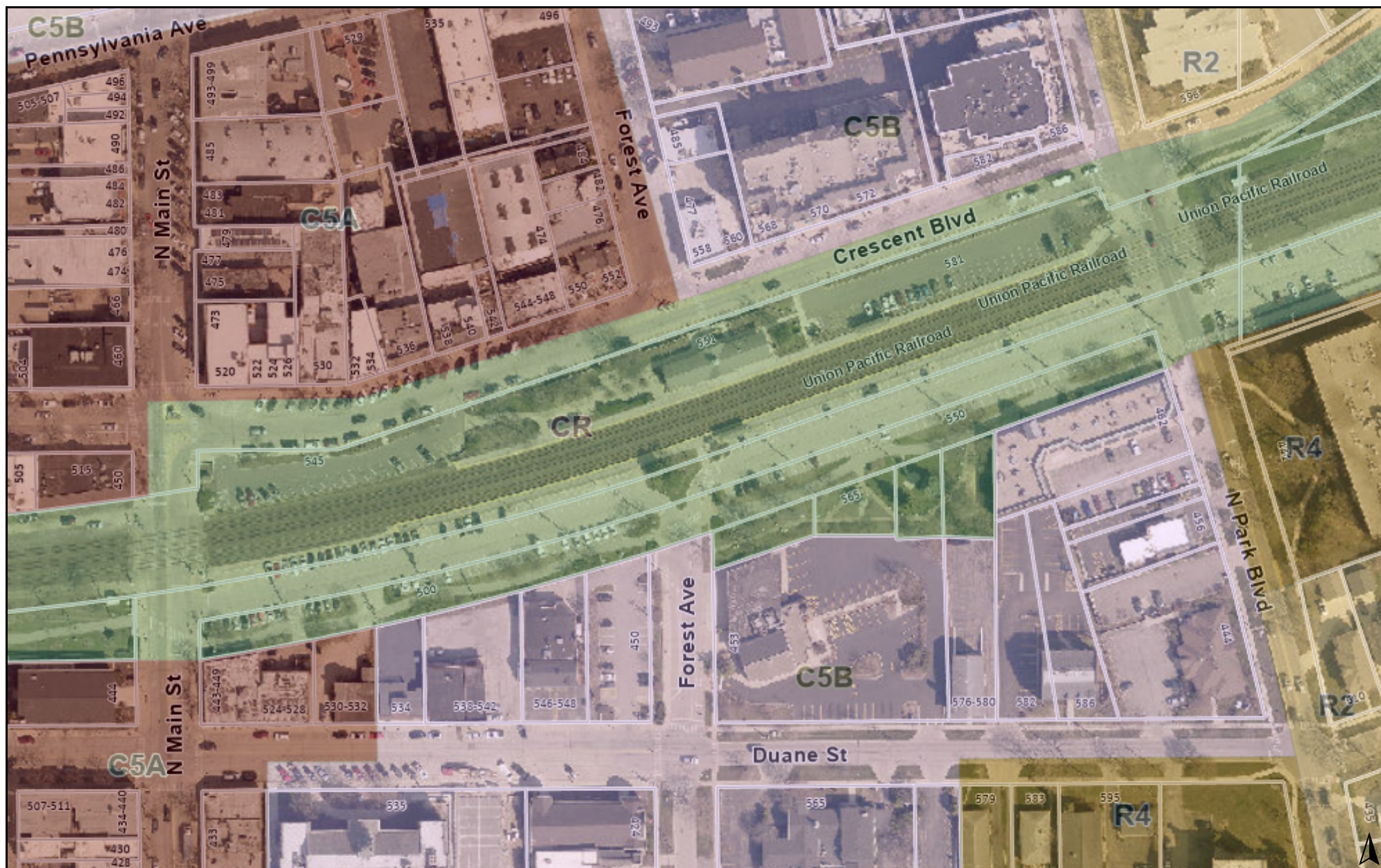


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ft

Print Date: 4/16/2024

Notes

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.



0 250 500
ft

Print Date: 4/16/2024

Notes

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- **Objective 19:** Enhance the high-speed communications capacity, including fiber optic connections, available to businesses within the community.
- **Objective 20:** Ensure that adequate stormwater management and infrastructure provisions are included in all new commercial developments.
- **Objective 21:** Update the Village's Zoning Ordinance to be reflective of the policies and objectives of the commercial areas framework.
- **Objective 22:** Encourage minority-owned businesses to invest in and/or relocate to the Village.
- **Objective 23:** Encourage eco-friendly components of developments and redevelopments by incorporating technologies/amenities that reduce emissions, pollutants, and energy consumption, including dark-sky compliance lighting, repurposing reclaimed building materials, green roofs, native-plant landscaping, etc.

Transportation

Goal

A balanced transportation system that provides for safe and efficient movement of vehicles and pedestrians, reinforces surrounding development patterns, and enhances regional transportation facilities.

- **Objective 1:** Maintain and improve the condition of street surfaces throughout the Village.
- **Objective 2:** Consolidate access in large parking areas, including cross-easements in shopping centers and between commercial properties and reduced curb cuts to major arterial roadways.
- **Objective 3:** Create a comprehensive system of bicycle facilities and pedestrian walkways that enables safe and convenient movement within the Village and connects with nearby regional systems and facilities.
- **Objective 4:** Pursue opportunities with neighboring communities and agencies to create pedestrian and bicycle connections to nearby trails and recreation areas.

- **Objective 5:** Encourage the development of a complete sidewalk network, bike lanes, bicycle parking facilities, and pedestrian amenities (lighting, signage, etc.).
- **Objective 6:** Promote convenient public transportation services within the Village and between the Village and nearby communities and destinations.
- **Objective 7:** Work cooperatively with Pace, Metra, and other agencies to assess and respond to evolving transit user needs in the Village.
- **Objective 8:** Encourage increased Metra ridership through parking accommodation and transit-oriented development surrounding the train station.
- **Objective 9:** Replace the Metra commuter station with a new station that incorporates historically sensitive design and includes a pedestrian underpass to create appropriate pedestrian connections between the north and south sides of Downtown. A plaza facing Crescent Boulevard should be included in the design.
- **Objective 10:** Encourage the inclusion of car share, electric vehicle, and bicycle facilities in new development proposals.

- **Objective 11:** Actively monitor, manage, and address on-street and off-street parking needs within the Village to ensure adequate and conveniently located parking to serve all current and future land uses.
- **Objective 12:** Study parking minimums for both commercial and residential developments within a half-mile of the Metra station, with good access to transit, walking, and biking.
- **Objective 13:** Reduce vehicle emissions by enhancing infrastructure to support clean/zero emission vehicles as well improving safety and increasing options for biking, walking, and public transportation in the community.

Community Facilities

Goal

A system of community facilities that provides for the efficient and effective delivery of public services and promotes the Village as a desirable place in which to live and do business.

- **Objective 1:** Maintain effective fire and police protection throughout the Village.
- **Objective 2:** Cooperate with public and private schools and districts to maintain adequate school sites and facilities within the Village.
- **Objective 3:** Maintain Glen Ellyn Public Library as an important focal point and resource for the community.
- **Objective 4:** Provide adequate water supply, water distribution, and sanitary sewer systems throughout the Village.
- **Objective 5:** Where practically feasible, improve stormwater management infrastructure as part of comprehensive capital improvement projects.

- **Objective 6:** Encourage the development of consolidated stormwater management facilities that provide maximum volume control and water quality benefits and mitigate impacts of development on surrounding properties.
- **Objective 7:** Maintain adequate sites and facilities for all Village services; undertake expansion, improvement, and replacement programs as necessary.
- **Objective 8:** Promote the adaptive reuse of surplus or outdated public buildings for new uses that benefit the community as a whole.
- **Objective 9:** Ensure that all community facility sites and buildings are sound, attractively maintained, compliant with Village Codes, and compatible with surrounding neighborhoods and development areas.
- **Objective 10:** Review the policy of burying overhead cables and utility lines within the Village.
- **Objective 11:** Provide facilities and services for teens, senior citizens, people with disabilities, and other special-needs groups in need.
- **Objective 12:** Cooperate with and support College of DuPage as a major community amenity and attraction.

- **Objective 13:** Consider the need for and desirability of new community facilities that will serve the needs and desires of residents and businesses.
- **Objective 14:** Emphasize facilities, services, and programs at locations that serve the entire community and can bring together residents from throughout the Village.
- **Objective 15:** Create additional support for commercial, residential, and multi-family recycling and composting sites as well as support for hazardous waste disposal and construction and debris recycling for Village residents and businesses.
- **Objective 16:** Facilitate provision of support services to disabled community.

7. Design and Consider Constructing Main Street and Crescent Boulevard Streetscape, and the North Downtown Greenway

Infrastructure

Convert existing one-way traffic patterns to two-way traffic patterns, maintain and upgrade the streetscaping, and install the North Downtown Greenway landscape features.

The Village should create the north half of the greenway by reconfiguring the curb lines along Crescent Boulevard. This project would include changing the one-way streets on Main Street and Crescent Boulevard, to accommodate two-way traffic, providing parallel parking adjacent to the Crescent and Main storefronts, and installing angled parking along the railroad tracks. This project would result in no net loss of public parking, yet allow the conversion of two public parking lots to greenspace.

The North Downtown Greenway is intended to be a unique feature in the heart of Downtown Glen Ellyn that sets it apart from other communities along Metra's Union Pacific – West Line and other western suburbs. The anticipated programming is intended to include beautification (e.g. a new train station in a garden setting, lush landscaping, a small street-side plaza, etc.) and “passive” recreation (e.g. art sculpture, train watching, picnics, etc.), and not “active” recreation (e.g. play fields for team sports).

The greenway should be programmed with passive – not active – recreational uses, with the exception of the looped path connection to Lake Ellyn.

Source of Funds and Resources

Village of Glen Ellyn

Open Space Lands Acquisition and Development (OSLAD) Program

Illinois Transportation Enhancement Program

Congestion Mitigation and Air Quality (CMAQ)

Tax Increment Financing (TIF)

Nonpoint Source Management Grant

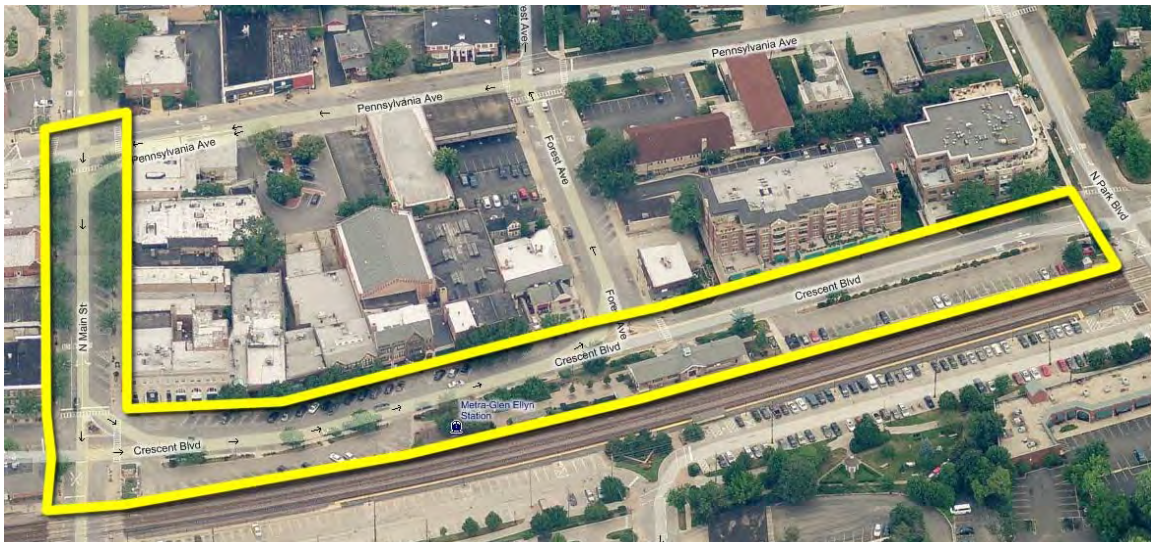


Figure 48: Main Street and Crescent Boulevard Streetscape Area

Source: maps.live.com with edits by Town Builder Studios.

10. Design and Construct New Glen Ellyn Train Station Facilities, Platforms, Shelters and Pedestrian Underpass

Infrastructure

Construct a new Glen Ellyn Train Station, platforms, shelters, and the train station-area pedestrian underpass.

The Village should construct a new train station with new platforms and shelters, along with a possible pedestrian underpass. The costs associated with this project are based upon recent train station redevelopments that have occurred in the Chicago region. Metra believes that a standard train station without any special architectural elements or vendor space will cost between \$5.5 and \$6.0 million. Since a “landmark quality” station is envisioned, additional funding will be necessary.

The Village should evaluate the possibility of leasing the station, allowing the Village to have control over the use of the facility and providing a revenue source for the maintenance of the building and grounds. In any case, construction of a new station will require coordination with – and approval by – Metra.

Source of Funds and Resources

Village of Glen Ellyn

Illinois Transportation Enhancement Program

Congestion Mitigation and Air Quality (CMAQ)

U.S. Environmental Protection Agency (EPA) – Brownfields Assessment Grants⁴

U.S. Environmental Protection Agency (EPA) – Brownfields Revolving Loan Funding (RLF) Grants

U.S. Environmental Protection Agency (EPA) – Brownfields Cleanup Grants

U.S. Department of Transportation – 20.507 Federal Transit Formula Grants

Tax Increment Financing (TIF)

Illinois Municipal Brownfields Redevelopment Grant

Illinois Brownfields Redevelopment Loan Program

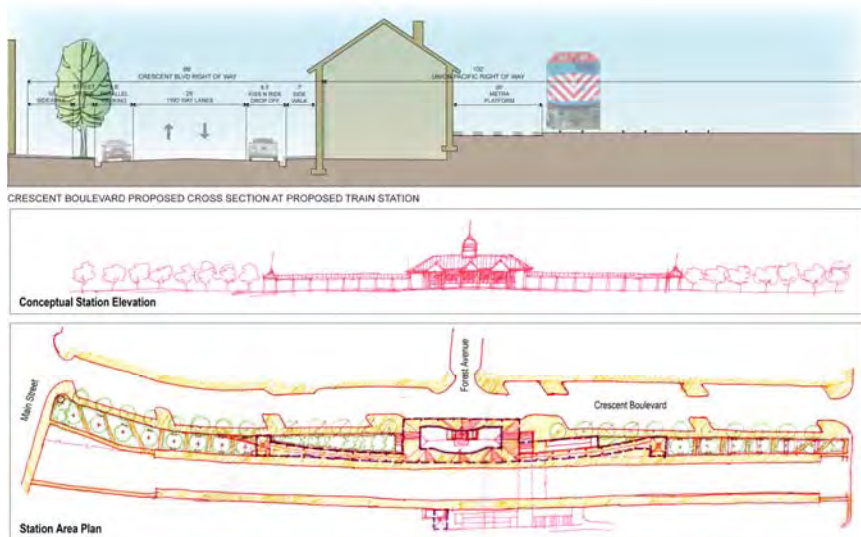


Figure 53: New Glen Ellyn Train Station Cross-Section, Concept Elevation, and Concept Plan

Source: Town Builder Studios.

⁴ The U.S. EPA brownfields grant programs would potentially be used for the Glen Ellyn Train Station facilities – especially the pedestrian underpass, where the cleanup of the diesel fuel and other pollutants dropped from passing trains over the years would be necessary in order to proceed with the construction of the underpass.



BUILDING AMERICA®

January 16, 2024

Mark Franz
Village Manager
Village of Glen Ellyn
535 Duane Street
Glen Ellyn, IL 60137

Re: **Glen Ellyn Metra Station & Multimodal Access Improvements Project**

Dear Mr. Franz:

Union Pacific ("UP") is generally supportive of the Village of Glen Ellyn's ("Village") Metra Station & Multimodal Access Improvements Project (the "Project"), provided that it meets all UP safety, operational, engineering and real estate standards, requirements and approvals.

Specifically, we understand the Village wishes to construct a pedestrian underpass beneath UP's right-of-way near Mile Post 22.4 of the Geneva Subdivision, as well as additional bicycle parking and improvements to the Village's sidewalk network.

Additionally, it is our understanding that the Village wishes to demolish and replace the Union Pacific-owned Glen Ellyn Metra Station. This portion of the Project will be subject to further discussions and written agreements between the Village and Union Pacific's Real Estate department.

Union Pacific looks forward to continued communication and collaboration with the Village and the Illinois Department of Transportation to provide the necessary review, comments, approvals, denials, and agreements required to progress and facilitate this project. Please do not hesitate to contact me if you have any questions.

Sincerely,

Tom Evenson
Senior Director, Public Affairs
Union Pacific Railroad

Village of Glen Ellyn

Ordinance No. 7117

An Ordinance directing staff on the design of the Crescent Boulevard on-street parking and Main & Crescent parking lot configuration associated with the Glen Ellyn Metra Station & Multimodal Access Improvements Project in the Village of Glen Ellyn, Illinois

**Adopted by the
President and the Board of Trustees
of the Village of Glen Ellyn
DuPage County, Illinois
This 15th Day of July, 2024**

Published in pamphlet form by the authority of the
President and Board of Trustees of the Village of
Glen Ellyn, DuPage County, Illinois,

this 16th day of July, 2024 ,

Ordinance No. 7117

An Ordinance directing staff on the design of the Crescent Boulevard on-street parking and Main & Crescent parking lot configuration associated with the Glen Ellyn Metra Station & Multimodal Access Improvements Project in the Village of Glen Ellyn, Illinois

Whereas, the Village is currently designing the Glen Ellyn Metra Station & Multimodal Access Improvements Project which scope of said project includes reconstruction of Crescent Boulevard between Main Street and Park Boulevard, Forest Avenue between Duane Street and Pennsylvania Avenue, as well as the following parking lots: Duane & Forest, Main & Prairie Path, Park & Prairie Path, Main & Crescent, and Crescent & Park; and

Whereas, the project has secured approximately \$24.8M in outside funding to date with said funding needing to be obligated through a competitive bidding process no later than September 30, 2026; and

Whereas, in order to best position the project to meet the September 30, 2026 obligation deadline as well as for securing additional funding, certain design decisions for on-street parking and surface parking lots need to be affirmed by the Village Board at this time;

Whereas, on-street parking configurations throughout the downtown were previously reviewed by the Capital Improvements Commission and Village Board as part of the development and March 22, 2021 Adoption of Village Ordinance 6861, An Ordinance Adopting the Central Business District Streetscape Design Concept and Streetscape Elements Plan for the Village of Glen Ellyn; and

Whereas, Village Ordinance 6861 specifies that Crescent Boulevard between Main Street and Forest Avenue shall be configured with parallel parking on both the north and south sides of the street; and

Whereas, despite Ordinance 6861, staff deemed it appropriate that the Crescent Boulevard on-street parking and Main & Crescent parking lot configuration be further reviewed in the context

of the current design of the Glen Ellyn Metra Station & Multimodal Access Improvements Project; and

Whereas, this Ordinance shall supersede any conflicting on-street parking configurations specified in Village Ordinance 6861; and

Whereas, the Capital Improvements Commission plays the critical role of vetting aspects of the project, reviewing design decisions, and providing various recommendations to the Village Board throughout the design phase; and

Whereas, staff reviewed the Glen Ellyn Metra Station & Multimodal Access Improvements Project on-street and surface parking lot configurations with the Capital Improvements Commission at public meetings held on March 13, 2024 and April 10, 2024; and

Whereas, the Capital Improvements approved the following three motions at the April 10, 2024 Capital Improvements Commission Meeting:

1. MOTION TO RECOMMEND TO THE VILLAGE BOARD THAT AS PART OF THE GLEN ELLYN METRA STATION & MULTIMODAL ACCESS IMPROVEMENTS PROJECT THAT CRESCENT BOULEVARD BE CONFIGURED WITH PARALLEL PARKING ON BOTH THE NORTH SIDE AND SOUTH SIDES OF THE STREET BETWEEN MAIN AND FOREST AVENUE.
2. MOTION TO RECOMMEND TO THE VILLAGE BOARD THAT AS PART OF THE GLEN ELLYN METRA STATION & MULTIMODAL ACCESS IMPROVEMENTS PROJECT THAT EAST LOT ALTERNATE 2 BE IMPLEMENTED AS TO MAXIMIZE THE PARKING ON THE SOUTH SIDE OF THE LOT.
3. MOTION TO RECOMMEND TO THE VILLAGE BOARD THAT AS PART OF THE GLEN ELLYN METRA STATION & MULTIMODAL ACCESS IMPROVEMENTS PROJECT THAT THE WEST LOT BE CONFIGURED AS SHOWN IN THE 10% DESIGN WITH ANGLED PARKING ON THE

SOUTH SIDE OF THE LOT INCLUDING A SIDEWALK BETWEEN THE PARKING LOT AND
RAILROAD RIGHT-OF-WAY. and;

Whereas, the Glen Ellyn Village Board reviewed the Glen Ellyn Metra Station and Multimodal Access Improvements Project on-street and off-street parking configurations at a Village Board Workshop Meeting held on April 15, 2024 and at a Village Board Special Workshop Meeting held on May 28, 2024; and

Whereas, a public information meeting was held for the project on May 30, 2024; and

Whereas, the public information meeting included a presentation by staff and the design consultant on many aspects of the project including changes to on-street parking and off-street surface lot parking; and;

Whereas, staff has taken the feedback received from the public, Capital Improvements Commission, and Village Board at the aforementioned meetings to identify what it believes are the more subjective and critical design decisions relating to the on-street and off-street parking which require affirmation from the Village Board; and

Whereas, the two specific design decisions relating to parking are the configuration of the on-street parking on Crescent Boulevard between Main Street and Forest Avenue as well as in the off-street surface parking lot on the west side of the Glen Ellyn Metra Station which is otherwise known as the Crescent & Main Parking Lot; and

Whereas, staff worked with the project design consultant to develop two alternatives for the Crescent Boulevard on-street parking, shown as “Crescent On-Street Parking Alternative 1 – Parallel” and “Crescent On-Street Parking Alternative 2 – Angle” shown in **Exhibit 1** of this Ordinance; and

Whereas, “Crescent On-Street Parking Alternative 1 – Parallel” features parallel parking on both the north and south sides of the street between Main Street and Forest Avenue with a total of 24 parking spaces; and

Whereas, “Crescent On-Street Parking Alternative 2 – Angle” features angle parking on the north side of the street between Main Street and Forest Avenue with a total of 19 parking spaces; and

Whereas, both staff and the project design consultant recognize both “Crescent On-Street Parking Alternative 1 – Parallel” and “Crescent On-Street Parking Alternative 2 – Angle” as viable on-street parking configurations; and

Whereas, the benefits associated with “Crescent On-Street Parking Alternative 1 – Parallel” and “Crescent On-Street Parking Alternative 2 – Angle” are described in tabular format as follows; and

	“Crescent On-Street Parking Alternative 1 - Parallel” Benefits	“Crescent On-Street Parking Alternative 2 - Angle” Benefits
Functionality	• Easier to exit parking spaces	• Easier to enter parking spaces
Traffic Operations	• Superior sightlines • Easier to identify open spaces • Lower crash rates	• Don’t exit vehicles adjacent to traffic
# of Parking Spaces	• 5 more parking spaces overall	• 5 fewer parking spaces overall but 6 more spaces parking on north side of Crescent between Main and Forest
Other Benefits	• Approximately 5 foot of sidewalk widening on north side of Crescent • Headlights don’t shine in windows	

Whereas, it is noted that “Crescent On-Street Parking Alternative 1 – Parallel” is fully compliant with the Illinois Department of Transportation of Transportation Bureau of Local Roads and Streets Manual Design Standards; and

Whereas, it is noted that “Crescent On-Street Parking Alternative 2 – Angle” is not fully compliant with the Illinois Department of Transportation of Transportation Bureau of Local Roads and Streets Manual Design Standards and will require review by the Illinois Department of Transportation to allow the angle-on-street parking to be incorporated with design exceptions for the depth of the angle spaces on the north side of Crescent and for the horizontal alignment of Crescent Boulevard at Main Street; and

Whereas, staff worked with the project design consultant to also develop two alternatives for the Crescent & Main Parking Lot, shown as “Crescent & Main Parking Lot Alternative 1 – 45 Angle with Sidewalk” and “Crescent & Main Parking Lot Alternative 2 – 60 Angle No Sidewalk” in **Exhibit 1** of this Ordinance; and

Whereas, combinations of the Crescent Boulevard On-Street Parking Alternatives and the Crescent & Main Parking Lot Alternatives produce four overall Alternates shown in **Exhibit 1** of this Ordinance; and

Whereas, it is noted that the Alternates are subject to revisions, including the actual number of parking spaces, as the final design of the project is completed; and

Whereas, a tabular Summary of the Alternative Components is as follows; and

Summary of Alternate Components	Alternate 1	Alternate 2	Alternate 3	Alternate 4
	Crescent On-Street Parallel Crescent & Main Lot 45 Angle With Sidewalk	Crescent On-Street Parallel Crescent & Main Lot 60 Angle No Sidewalk	Crescent On-Street Angle Crescent & Main Lot 45 Angle With Sidewalk	Crescent On-Street Angle Crescent & Main Lot 60 Angle No Sidewalk
Total Parking Spaces South of Tracks	158	158	158	158
Total Parking Spaces North of Tracks	89	96	84	91
Total Parking Spaces North and South of Tracks	247	254	242	249
Total Parking Spaces Along Crescent Storefronts (Main to Forest)	13	13	19	19
Total On-Street and Off-Street Parking Spaces Along Crescent (Main to Forest)	37	44	32	39
Sidewalk Widening South Side of Crescent	~ 2.7 Feet	~ 2.7 Feet	~ 2.7 Feet	~ 2.7 Feet
Sidewalk Widening North Side of Crescent	~ 5 Feet	~ 5 Feet	~ 1.5 Feet	~ 1.5 Feet
Plaza Area South Side of Crescent (~ 185' X 30' ~ 5,600 Gross SF)	Yes	Yes	Yes	Yes
Sidewalk Along South Side of Crescent & Main Lot	Yes	No	Yes	No
Fully Compliant with Design Standards	Yes	Yes	No	No

Whereas, it is requested that the Village Board adopt this ordinance with one of the four alternates selected.

Now, Therefore, be it **Ordained by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois**, in the exercise of its home rule powers, as follows:

Section One: The President and Board of Trustees directs staff to incorporate the following design for the Crescent Boulevard on-street parking configuration between Main Street and Forest Avenue and the Crescent & Main Parking Lot into the Glen Ellyn Metra Station and Multimodal Access Improvements Project:

Check one of the following:

☐ **Alternate 1** – Where Crescent Boulevard between Main Street and Forest Avenue shall be configured with parallel parking on both sides of the street as shown in “Crescent On-Street Parking Alternative 1 – Parallel” in **Exhibit 1** of this Ordinance and Where the Crescent & Main Parking Lot shall be configured with 45 degree angle parking and a sidewalk along the south side of the parking lot as shown in “Crescent & Main Parking Lot Alternative 1 – 45 Angle With Sidewalk” in **Exhibit 1** of this Ordinance.

☐ **Alternate 2** – Where Crescent Boulevard between Main Street and Forest Avenue shall be configured with parallel parking on both sides of the street as shown in “Crescent On-Street Parking Alternative 1 – Parallel” in **Exhibit 1** of this Ordinance and Where the Crescent & Main Parking Lot shall be configured with 60-degree angle parking as shown in “Crescent & Main Parking Lot Alternative 2 – 60 Angle No Sidewalk” in **Exhibit 1** of this Ordinance.

☐ **Alternate 3** – Where Crescent Boulevard between Main Street and Forest Avenue shall be configured with angle parking on the north side of the street as shown in “Crescent On-Street Parking Alternative 2 – Angle” in **Exhibit 1** of this Ordinance and Where the Crescent & Main Parking Lot shall be configured with 45 degree angle parking and a sidewalk along the south side of the parking lot as shown in “Crescent & Main Parking Lot Alternative 1 – 45 Angle With Sidewalk” in **Exhibit 1** of this Ordinance.

☐ **Alternate 4** – Where Crescent Boulevard between Main Street and Forest Avenue shall be configured with angle parking on the north side of the street as shown in “Crescent On-Street Parking Alternative 2 – Angle” in **Exhibit 1** of this Ordinance and Where the Crescent & Main Parking Lot shall be configured with 60-degree angle parking as shown in “Crescent & Main Parking Lot Alternative 2 – 60 Angle No Sidewalk” in **Exhibit 1** of this Ordinance.

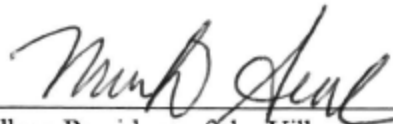
Section Two: This Ordinance shall be published in pamphlet form within thirty (30) days after its passage and approval, in the manner provided by law, and shall be in full force and effect ten (10) days after completion of such publication.

Passed by the President and Board of Trustees of the Village of Glen Ellyn, Illinois, this 15th day of July, 2024.

	Ayes		Nays		Absent
Fasules	✓				
Gould	✓				
Thompson	✓				
Kalinich	✓				
Simon			✓		
Christiansen			✓		
Senak (in event of a tie)					

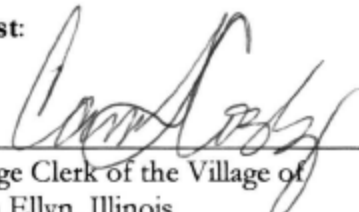
(Continued on next page)

Approved by the Village President of the Village of Glen Ellyn, Illinois, this 15th day of
July, 2024.



Village President of the Village
of Glen Ellyn, Illinois

Attest:



Village Clerk of the Village of
Glen Ellyn, Illinois

(Published in pamphlet form and posted on the 16th day of July, 2024.)

CERTIFICATION

I, Caren Cosby, duly elected Village Clerk of the Village of Glen Ellyn, Illinois, do hereby certify that the attached is a true and correct copy of Ordinance No. 7117, passed by the Board of Trustees of the Village of Glen Ellyn, Illinois, at the Special Meeting of said Board held on the 15th day of July, 2024, and that the same was signed and approved by the President of said Village on the 15th day of July, 2024.

I do further certify that the original, of which the attached is a true and correct copy, is entrusted to me as Village Clerk of said Village for safekeeping and that I am the lawful custodian and keeper of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Glen Ellyn, Illinois, this 15th day of July, 2024.

CORPORATE SEAL

Penn' Cannon
Village Clerk, Deputy

MINUTES
Glen Ellyn Architectural Appearance Commission
Wednesday, July 31, 2024 at 7:00 P.M.
Glen Ellyn Civic Center
Galligan Board Room
535 Duane Street

A. Call to Order and Roll Call

Chairperson Susan Jacobson called the meeting to order at 7:00 PM and explained the Architectural Appearance Commission's function and procedures as an advisory body.

Roll was called.

PRESENT: Chairperson Susan Jacobson and Commissioners Heather Mees, Lisa Sallwasser, and Julia Smith.

ABSENT: Commissioners Pam Albrecht, Yavor Goranov and Eric Rahn.

Also in attendance: Anne Gould, Trustee; Anabel Pederson, Associate Planner; Rich Daubert, Village Engineer and Julie Settles, Recording Secretary.

B. Approval of Meeting Minutes

Commissioner Smith made a motion to approve the draft minutes of the May 22, 2024 meeting. Commissioner Sallwasser seconded the motion. The motion passed by voice vote.

C. Public Comment (non-agenda items)

None.

D. New Business

1. 551 Crescent Boulevard Discussion Item – Exterior appearance feedback prior to application for the new Metra Station in the CR Zoning District

Staff Presentation

Sworn in, Rick Daubert, Village Engineer, introduced the request: Exterior appearance feedback prior to application for the new Metra Station in the CR Zoning District. He stated that the Public Works Department is leading the project, that the current status of the project is at 30% design, and he is making sure the project gets feedback from the Commissions. He stated the Glen Ellyn Metra Station and Multimodal Access Improvement Project includes a new train station, warming shelters, an accessible pedestrian underpass, covered stairs and ramps, site improvements, parking lot reconstruction, utility replacement and streetscape improvements. He stated that the current Metra Station was built in 1966 and there have been very limited updates done. Union Pacific owns the station and maintains it then invoices Metra any repairs. Metra wants to get out of this and have Glen Ellyn take the lead. Currently the station does not comply

with Metra guidelines and building codes. He stated that the infrastructure is aging and requires increasing maintenance and there needs to be a full reconstruction done. The existing site lacks a safe and accessible connection between North and South side of the UP line, does not provide an accessible path from commuter parking to the station entrance and the shelters provide minimal weather protection.

Sworn in, Sarah Sutherlin, CDM Smith, stated the purpose is to improve the passenger experience by providing adequate covered waiting areas, provide amenities including bike parking and warming shelters and to implement pedestrian and streetscape improvements. For improved safety and connectivity this project will provide safe and accessible grade separated pedestrian crossing under the UP-West line which will unite the north and south areas of the Central Business District, provide safe and accessible intermodal connections for bus, vehicular, bike and pedestrian traffic, provide an accessible site and plaza area and improve traffic flow throughout downtown.

Mr. Duabert stated that there was a public workshop done and a survey that had over 800 responses asking how people are accessing the station and elements people think are important. He stated there were not many people at the public workshop and that most people did the online survey. During the streetscape project the Village had a design workshop and meshed this into that. This project has been in development for seven years due to it being a federal project. The plans have been changed with a reduction in size of the station due to increase in costs over the past seven years. There are various agencies including UPRR, Metra, Pace and IDOT that Glen Ellyn needs to coordinate with. The building process is going to take time, so the Village needs help from the AAC and Plan Commission to give ideas and keep moving forward. Mr. Daubert showed the slide on presentation page 7 explaining ownership of the area. He stated that the salmon colored section indicates the Village right-of-way that's under the purview of IDOT, the grey areas are UP property, dark grey is leased by the Village of Glen Ellyn and has an agreement with the railroad, green is DuPage County's right-of-way and the orange section is the Village of Glen Ellyn parking lots.

Sworn in, Matthew Aklan, CDM Smith, stated the current status is 30% design document. It was at 10% in February and 30% about a month ago and will complete 60% in October. A zoning issue came up so the zoning needs to be changed by a Special Use application and then an Exterior Appearance Review application will be submitted.

Ms. Sutherlin showed the schematic design which includes landscaping/streetscape, signage, lighting and fencing and screening on site and background, design and materials for the station. The existing plan in blue shows the existing station, the three small blue areas are partial cover areas with some bike parking. The proposed plan shows the new station, pace bus stop, plaza to the left of the depot and covered stairs and ramp down to tunnel. The south lot being reconstructed will not interfere with the Prairie Path. Both sides of the tracks will have warming shelters enclosed with seats. There is an ADA passenger drop-off adjacent to the plaza and on the Forest Ave. south side. The landscaping will include pavers, a mixture of seedlings, planters, loose furniture and more permanent furniture. By the plaza will be raised planters and loose furniture. There will be an outdoor enclosed area for Metra equipment and speaker equipment. Landscape plantings will match other plantings in the downtown area that will be low maintenance and colorful. The plaza streetscape will feature more unique planters. Streetscape amenities will have black benches, trash receptacles, bollards that match existing and bike racks.

The plaza design includes a tiered concrete wall with toe kick lighting options, a wall bench and the consultants brought samples of pavers for the plaza area to receive feedback on which paver. The plaza amenities will include moveable furniture including stackable chairs and tables so people can move into the sun or shade. Exterior signage will include Metra standard signage and more directional signage to show people where to go. Unique signage will include a historical plaque for the existing station and the existing mural that was done by students will be relocated. The historical plaque could be in the plaza and the existing mural could be placed on the floor of the new station or by the ramps when you come down the tunnel. Lighting will keep with existing standards along the platform and roadway areas. Lights will be mounted on the building. Fencing and screening will be used to enclose storage areas and there will be typical Metra fencing on the platform like there is now. The station design is inspired from the original 1926 station that was at Main and the Prairie Path. Materials will be used to blend with other buildings in downtown. Exterior material will be brick on the station that can be more standard or more rustic. Stones will be beige color toned. The roof we are looking at options in plain grey or possible a metal roof. The main entrance to the station lines up with Forest Ave. then go through the station and exit on the platform. There is a second entrance to the east that will be directly accessible to the PACE bus station. The exterior elevations will be 28' high on the platform side and 6' on the north exterior on Crescent side. There will be a stone base on the bottom of the whole station then brick and windows above that. The stair ramp will be covered with similar roof and columns. There will be warming shelters on both sides that are enclosed for after hours waiting that have a couple seats. Ms. Sutherlin asked if there were any questions or comments.

Chairperson Jacobson thanked everyone for the presentation. She stated her concern was the roof over the ramps and asked if they were completely necessary. Ms. Sutherlin answered that due to the groundwater level in Glen Ellyn they don't want more flooding in that area. Chairperson Jacobson stated there was a lot of color in the furniture and suggested maybe one color like black. She asked if it is standard that the lights in the parking lot are brighter. Ms. Sutherlin said she would have to check with her team. Chairperson Jacobson stated she would like to see mostly ballard lights.

Commissioner Sallwasser stated she would like to see the color scheme for historical signage to try and look like the original. She stated she would like to see slate somewhere to bring in with other buildings in the area. She stated that moveable furniture might be an issue with the high school kids eating there. She suggested maybe anchoring some furniture and making some moveable.

Chairperson Jacobson stated that less is more on the signage and that everyone has Google maps and can figure out where to go.

Commissioner Mees stated that the crosswalk on the north side crosses into a curb and the plans have it change to a triangle median. She asked if there would be a planter there. Ms. Sutherlin answered no. Commissioner Mees asked where the diagonal parking was going to be. Ms. Sutherlin stated it would be on the northside of Crescent between Main and Forest.

Commissioner Smith stated that she wasn't familiar with the 1926 station design, so she didn't know where the large arches were coming from. She said the new station design doesn't remind her of Glen Ellyn but more like Wheaton. She also commented on the station floor plan design. She stated that she is aware the plan had to change to a minimum setup, but if Glen Ellyn is going to own the station, can the Village add some retail opportunities to gain revenue.

Commissioner Mees stated she liked the clean new brick because it's a new building.

Commissioner Smith stated that the concrete planters do not look historic, but the Village should go with a more modern look as well.

Chairperson Jacobson asked what the Commission thought of the roof covering the ramp section. Commissioner Mees answered stated it would be beneficial, so the ramp isn't slippery and people don't get wet. Ms. Sutherlin stated that weather protection and snow control is the reason behind the coverage. Commissioner Smith stated she supports the large, covered areas.

E. Chairperson's Report

None.

F. Trustee Liaison's Report

Trustee Liaison Anne Gould stated that the angled parking on Crescent was decided by the Board and the Village has a new attorney and CD Director.

Chairperson Mees stated that she noticed movement at 606 Roosevelt which the Commission reviewed the building plans two times, and the Commission approved it, but with some hand sketches. She is wondering if the Commission has access to the sketches because we don't know if it's progressing the way we want it. She also stated that renovations on Roosevelt isn't under the purview of the AAC, but it's her understanding the AAC should be a part of any new construction. She's concerned that if the AAC isn't going to review businesses on Roosevelt, things are going to slip through the cracks. She thinks the AAC needs to change the scope of what they are to review. Trustee Liaison Gould asked if Commissioner Mees is making a recommendation to the Board. Commissioner Mees answered yes. Chairperson Jacobson asked if the recommendation goes through Staff, then to the Board. Ms. Pederson answered to change their responsibilities, the AAC would draft a recommendation and present it to the Board.

G. Staff Report

Ms. Pederson stated the next AAC meeting on August 14th will have two items. There is an application for proposed exterior changes at 580 Duane and at 515 Crescent Blvd. there is an application for a proposed walk up ATM. This would be a new special use that would go before the Plan Commission as well.

H. Adjournment

Commissioner Smith made a motion to adjourn the meeting. The motion was seconded by Commissioner Mees and the motion passed by voice vote.

The meeting was adjourned at 8:11 PM

Respectfully submitted,

Julie Settles

Recording Secretary