



Deanna Schmidt, AICP
City Planner & Zoning Administrator
City of Fitchburg
5520 Lacy Road
Fitchburg, WI 53711

August 29, 2025

Dear Mrs. Schmidt,

I am writing as the authorized representative of Avante Properties, LLC, Green-Tech Land Company, LLC, and Lido Apartments, LLC (collectively the Developer). The Developer approves the Article 5 submittal for the 114-apartment project on Lot 66 and Outlot 42 of the pending Seventh Addition to the Nine Springs Plat (also known as Lido).

We very much look forward to working with you through the approval process of Lido and appreciate your assistance in getting to this point in the process.

All the best,

Christopher J Armstrong

Christopher J Armstrong

President, Avante Properties, LLC

Executive Vice President, Green-Tech Land Company, LLC

Executive Vice President, Lido Apartments, LLC



City of Fitchburg
 Planning/Zoning Department
 5520 Lacy Road
 Fitchburg, Wi 53711 (608-270-4200)

SMARTCODE BUILDING/SITE PLAN APPLICATION (ARTICLE 5)

1. Location of Property:

Street Address: _____
Legal Description - (Metes & Bounds, or Lot No. And Plat): _____

2. Description of Project: _____

3. Existing Transect Zone: _____ **Article 3 or Article 4 approval date:** _____

4. Size of Site: _____ **Site Density (if applicable):** _____

5. Building/Site Plan applications shall provide plans and information showing the following:

- | | |
|---|---|
| <input type="checkbox"/> 1. Building Disposition | <input type="checkbox"/> 13. Signage Standards |
| <input type="checkbox"/> 2. Building Configuration | <input type="checkbox"/> 14. Special Requirements, if any |
| <input type="checkbox"/> 3. Building Use | <input type="checkbox"/> 15. Architectural Standards |
| <input type="checkbox"/> 4. Parking calculation & location | <input type="checkbox"/> 16. Fencing Standards |
| <input type="checkbox"/> 5. Number of dwelling units | <input type="checkbox"/> 17. Lighting Standards |
| <input type="checkbox"/> 6. Base Residential Density | <input type="checkbox"/> 17. Grading Plan |
| <input type="checkbox"/> 7. Building square footage | <input type="checkbox"/> 18. Statistics, maps and other documentation |
| <input type="checkbox"/> 8. All requests for Administrative Waivers, if any | showing how the Article 5 application, in |
| <input type="checkbox"/> 9. All requests for Administrative Approvals, if any | combination with the past approved Article 5 |
| <input type="checkbox"/> 10. All known requests for Conditional Use | plans, will meet the approved Community |
| Permits, if any | Regulating Plan, and the standards of this |
| <input type="checkbox"/> 11. Civic Building design(s) | Chapter. |
| <input type="checkbox"/> 12. Landscape Standards | |

*****Also submit all mapping in either CADD or GIS files**

Current Owner(s) of Property: _____

Address: _____ **Phone No.:** _____

Contact Person: _____ **E-mail:** _____

Address: _____ **Phone No.:** _____

Respectfully Submitted By: _____ **Date:** _____

Owner's or Authorized Agent's Signature

*(If multiple owners, application shall include statement of consent by all property owners)

PLEASE NOTE – Applicants shall be responsible for legal or outside consultant costs incurred by the City. It is the responsibility of the owner/applicant to insure compliance with all local and state requirements.

*Application shall be accompanied by one (1) PDF document of complete submittal, one (1) full-size set of plans, two (2) reduced sets of plans (11" x 17"), and the required CADD or GIS files for mapping.

FOR CITY USE ONLY

Date Received: _____ **Permit Request No.:** _____

SITE PLAN REVIEW CHECKLIST:

YES

NO

_____	_____	Signed and completed Building / Site Plan – Article 5 Application
_____	_____	Proposals / design compliant with Ch. 23 SmartCode District
_____	_____	Vicinity map (no larger than 11 x 17)
_____	_____	2 (two) reduced size (11 x 17) plan sets REQUEST IF NEEDED
_____	_____	1 (one) full set of bounded drawings, include landscape plans REQUEST IF NEEDED
_____	_____	1 (one) electronic copy (.tif or .pdf) of the plan set
_____	_____	CADD or GIS files for all mapping
_____	_____	<u>Plans to include existing and proposed information on the following:</u>
_____	_____	Location of structures, improvements and landscaping
_____	_____	North arrow and scale bar
_____	_____	Site boundaries
_____	_____	Setback distance from property lines
_____	_____	Rights-of-way, property lines and easements
_____	_____	Location & dimensions of driveways, streets and sidewalks
_____	_____	On-site parking and circulation
_____	_____	Location of loading spaces, if applicable
_____	_____	Location of trash receptacle enclosure
_____	_____	Location of all outdoor electrical, plumbing and mechanical equipment
_____	_____	Landscaping Plan for site
_____	_____	Signage Plan for site (type & fixtures)
_____	_____	Elevations for each side of the building detailing the materials & colors
_____	_____	Fencing Plan (if installing fence) N/A
_____	_____	Lighting Plan (in footcandles) & fixtures cut-sheets
_____	_____	Grading Plan
_____	_____	Site plan data table containing: transect zone, site size in square feet or acres, lot coverage by building in square feet and percentage, residential density in units per acre (if applicable), square feet of impervious surface and parking and landscaping calculations.

ARTICLE 5 SUPPLEMENTAL FORM:

Building Disposition:

Lot(s) _____ Plat _____

Transect Zone: _____

Lot Width _____ Lot Coverage _____

Type of Building: Edgeyard Sideyard Rearyard Courtyard Specialized

Principal Building Setbacks: Front (principal) _____ Front (secondary) _____ Side _____ Rear _____

Primary Setback: _____ feet Frontage buildout (if applicable): _____%

Outbuilding: Yes No

Outbuilding Setbacks: Front _____ Side _____ Rear _____

Building Configuration:

Type of Private Frontage: Common Yard Porch & Fence Light court Forecourt

Stoop Shopfront Gallery Arcade

Parking Lot Common Entry & Planter

% of clear glass of 1st story Façade: _____%

Overall building height: _____ feet _____ stories

1st story: _____ feet

2nd story: _____ feet

[X] story: _____ feet

Building Use:

Use of principal building: _____

of residential dwelling units in principal building (if applicable): _____ dwelling units

Use of accessory building: _____

*If multiple uses in building, please provide square footage of each type of use.

Parking & Density:

of parking stalls provided within the Lot: _____

of parking stalls along parking lane corresponding to the Lot Frontage: _____

of parking stalls by lease or purchase from a Civic Parking Reserve within the Community Unit: _____

If looking to use Effective Parking standards, applicant shall provide completed Parking Occupancy Rate Table (Table 20)

Current density for transect zone within the block: _____ (per 5.9.2f)

Parking Location:

Drive width: _____

Material of parking / drive areas: _____

Landscape:

% of landscape area of 1st Layer of Principal Frontage: _____% (minimum 30%)

% of landscape area of 1st Layer of Secondary Frontage: _____% (minimum 30%)

of trees planted within the 1st Layer: _____

Requirements: T3 – 1 tree shall be planted within the 1st Layer for every 800 sq. ft of landscape area

T4 – minimum of 1 Understory Tree or 6 shrubs planted within 1st Layer for every 500 sq. ft. of 1st Layer landscape area.

T5 – Trees not required in 1st Layer.

Signage:

A or B grid street: _____

Type of sign: _____

(* note: A sign permit is required for all signs)

Architectural:

Type of building materials: _____

(See Section 5.13.4.c for requirements if using vinyl product.)

For single-family Edgeyard & Sideyard Residential, durable material used in height of 2 ft. above grade:

Fence: Yes No

If yes, fence at the 1st Layer shall be painted or stained.

Balcony or porch: Yes No

If yes, material of railings: _____

Fencing:

Height of fence (if applicable): _____ feet

Lighting:

Are all parking lot and exterior building lighting on private lots dark sky approved or full cut-off fixtures? Yes No

Average lighting levels, in footcandles, at the building frontage line: _____

THE LIDO - AVANTE PROPERTIES

FITCHBURG , WISCONSIN



PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

FITCHBURG ARTICLE 5 SUBMITTAL

08/19/2025



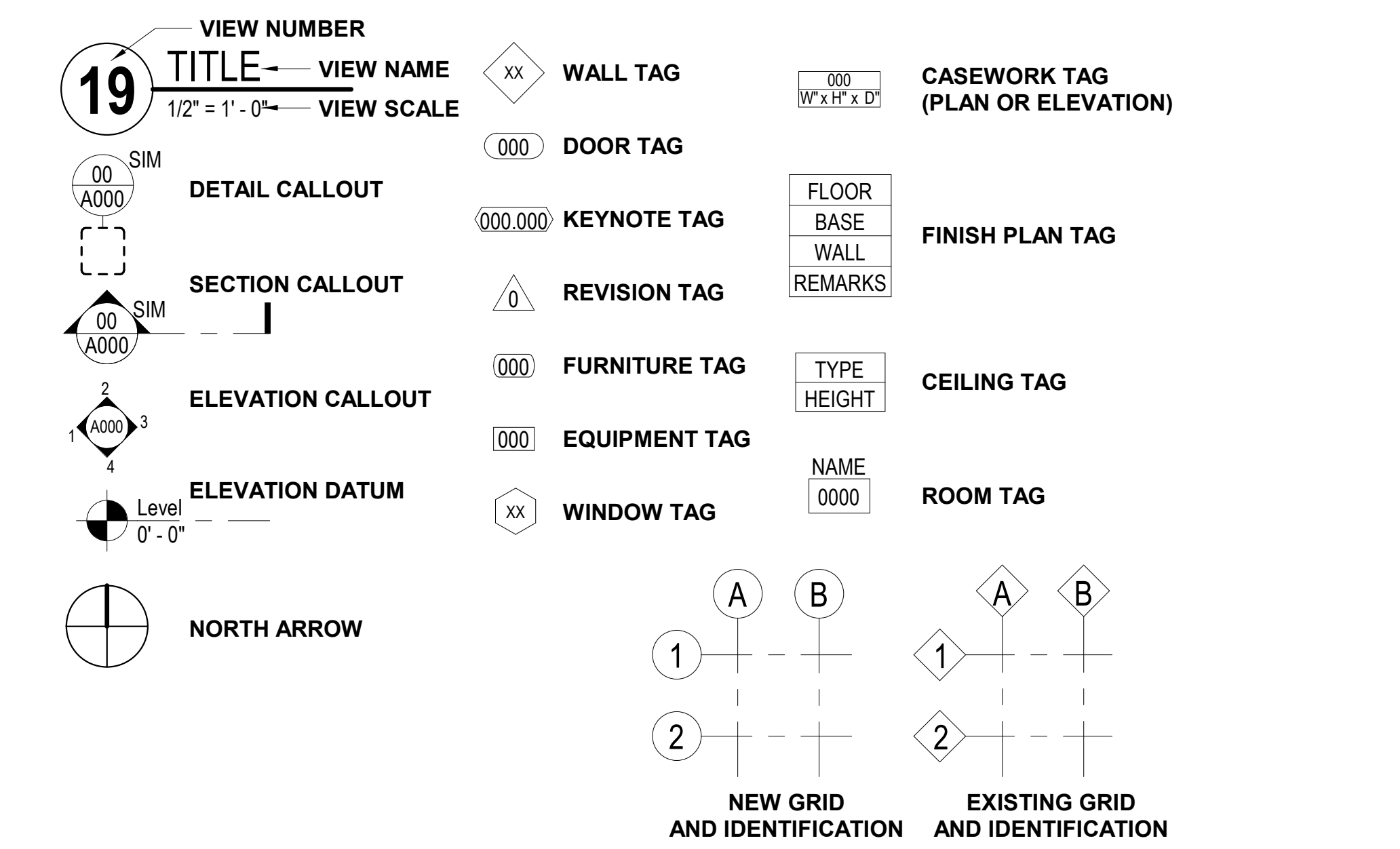
JLA
ARCHITECTS

JLA PROJECT NUMBER: W24-1219

ABBREVIATIONS

A AC AIR CONDITIONER ACT ARCHITECTURAL CEILING TILE ADOL ADDITIONAL ADOM ADDITIONAL AFM ABOVE FINISHED GRADE AFG ABOVE FINISHED GRADE AFS ABOVE FINISHED SLAB AL1 ALTERNATE ALL1 ALUMINUM APPD APPROVED APR APPROVED ASC ABOVE SUSPENDED CEILING	D DEMO DEMOLITION DEF DEFLECT DFP DOOR AND FRAME SCHEDULE DFR DOOR FRAME DR DOOR DWF DRYWALL FRAME DWT DRYWALL WALL TILE DWS DRYWALL WALL BOARD	G (CONTINUED) GLU LAM GLUE LAMINATED WOOD GR GRATE GT GROUT GWT GYPSUM BOARD GWS GYPSUM WALL BOARD	N N NORTH NA NOT APPLICABLE NC NOT IN CONTRACT ND NUMBER NM NORMAL NS NOT TO SCALE NTS	S (CONTINUED) SMB STONE BASE STR STRUCTURE, STRUCTURAL SV SHEET VINYL
B BB BASEBOARD BBL BULLETIN BOARD BLDG BUILDING BND BENDING BLT BLOWN-IN LIGHT BLF BLIND BPL BASE PLATE BOS BOTTOM OF STEEL BRS BOTTOM OF STEEL BRACING	E E EAST EPS EXTERIOR INSULATION AND FINISH SYSTEM ELC ELECTRIC, ELECTRICAL ELV ELEVATION EJ EXPANDED JOINT EP EP EPS EPS EQ EQUAL ESIT ESISTING EXP EXPANDED EXT EXTERIOR	H HB HOSE BIB HC HOLLOW CORE HOP HANDSAPED HM HOLLOW METAL HRS HOUSING HRSK HOUSING HT HANG HVC HEAVY WALL VULNERATING HWC HEAVY WALL CONDITIONING HW HARDWOOD FLOOR HWY HIGHWAY	O OC ON CENTER OD OUTSIDE DIAMETER OFD OFFERED OFI OFFERED OFI1 OFFERED OFI2 OFFERED OFI3 OFFERED OFI4 OFFERED OFI5 OFFERED OFI6 OFFERED OFI7 OFFERED OFI8 OFFERED OFI9 OFFERED OFI10 OFFERED OFI11 OFFERED OFI12 OFFERED OFI13 OFFERED OFI14 OFFERED OFI15 OFFERED OFI16 OFFERED OFI17 OFFERED OFI18 OFFERED OFI19 OFFERED OFI20 OFFERED	T TMB TIME AND MATERIALS TEMP TEMPERATURE TFR TOP OF FINISH FLOOR TGR TOP OF GRADE TIR TOP OF IRON TIS TOP OF INSULATION TIT TOP OF INSULATION TIV TOP OF INSULATION TIV1 TOP OF INSULATION TIV2 TOP OF INSULATION TIV3 TOP OF INSULATION TIV4 TOP OF INSULATION TIV5 TOP OF INSULATION TIV6 TOP OF INSULATION TIV7 TOP OF INSULATION TIV8 TOP OF INSULATION TIV9 TOP OF INSULATION TIV10 TOP OF INSULATION TIV11 TOP OF INSULATION TIV12 TOP OF INSULATION TIV13 TOP OF INSULATION TIV14 TOP OF INSULATION TIV15 TOP OF INSULATION TIV16 TOP OF INSULATION TIV17 TOP OF INSULATION TIV18 TOP OF INSULATION TIV19 TOP OF INSULATION TIV20 TOP OF INSULATION
C CMB CEMENT CB CATCH BASIN CMB CONTRACTOR MOUNTED CFC CONTRACTOR FINISHED CFC1 CONTRACTOR FINISHED CFC2 CONTRACTOR FINISHED CFC3 CONTRACTOR FINISHED CFC4 CONTRACTOR FINISHED CFC5 CONTRACTOR FINISHED CFC6 CONTRACTOR FINISHED CFC7 CONTRACTOR FINISHED CFC8 CONTRACTOR FINISHED CFC9 CONTRACTOR FINISHED CFC10 CONTRACTOR FINISHED CFC11 CONTRACTOR FINISHED CFC12 CONTRACTOR FINISHED CFC13 CONTRACTOR FINISHED CFC14 CONTRACTOR FINISHED CFC15 CONTRACTOR FINISHED CFC16 CONTRACTOR FINISHED CFC17 CONTRACTOR FINISHED CFC18 CONTRACTOR FINISHED CFC19 CONTRACTOR FINISHED CFC20 CONTRACTOR FINISHED	F F FEMALE FA FIRE ALARM FAM FIRE ALARM FAX FIRE ALARM FCD FIRE CABINET FDD FIRE DOOR FDC FIRE DOOR CABINET FDR FIRE DOOR FDR1 FIRE DOOR FDR2 FIRE DOOR FDR3 FIRE DOOR FDR4 FIRE DOOR FDR5 FIRE DOOR FDR6 FIRE DOOR FDR7 FIRE DOOR FDR8 FIRE DOOR FDR9 FIRE DOOR FDR10 FIRE DOOR FDR11 FIRE DOOR FDR12 FIRE DOOR FDR13 FIRE DOOR FDR14 FIRE DOOR FDR15 FIRE DOOR FDR16 FIRE DOOR FDR17 FIRE DOOR FDR18 FIRE DOOR FDR19 FIRE DOOR FDR20 FIRE DOOR	I I INSIDE DIAMETER INS INSULATION INT INTERIOR	P PL PLASTIC LAMINATE PLYWOOD PREP PREPARED PREP1 PREPARED PREP2 PREPARED PREP3 PREPARED PREP4 PREPARED PREP5 PREPARED PREP6 PREPARED PREP7 PREPARED PREP8 PREPARED PREP9 PREPARED PREP10 PREPARED PREP11 PREPARED PREP12 PREPARED PREP13 PREPARED PREP14 PREPARED PREP15 PREPARED PREP16 PREPARED PREP17 PREPARED PREP18 PREPARED PREP19 PREPARED PREP20 PREPARED	U UNO UNLESS NOTED OTHERWISE UNO1 UNLESS NOTED OTHERWISE UNO2 UNLESS NOTED OTHERWISE UNO3 UNLESS NOTED OTHERWISE UNO4 UNLESS NOTED OTHERWISE UNO5 UNLESS NOTED OTHERWISE UNO6 UNLESS NOTED OTHERWISE UNO7 UNLESS NOTED OTHERWISE UNO8 UNLESS NOTED OTHERWISE UNO9 UNLESS NOTED OTHERWISE UNO10 UNLESS NOTED OTHERWISE UNO11 UNLESS NOTED OTHERWISE UNO12 UNLESS NOTED OTHERWISE UNO13 UNLESS NOTED OTHERWISE UNO14 UNLESS NOTED OTHERWISE UNO15 UNLESS NOTED OTHERWISE UNO16 UNLESS NOTED OTHERWISE UNO17 UNLESS NOTED OTHERWISE UNO18 UNLESS NOTED OTHERWISE UNO19 UNLESS NOTED OTHERWISE UNO20 UNLESS NOTED OTHERWISE

SYMBOL LEGEND



VICINITY MAP



MATERIAL LEGEND

STEEL	WEATHER RESISTIVE BARRIER (WRB)	CONCRETE	RUBBER VINYL	GRAVEL
ALUMINUM	VAPOR BARRIER (VB)	CONCRETE CRASH BARRIER WALL	INSULATION BATT	GREEN ROOF VEGETATION
BASS BRONZE	CAULKING/SEALANT	MORTAR/GROUT/SAND	INSULATION RIGID	OUTDOOR ARTIFICIAL PET GRASS
NICKEL CHROME	GLASS	MASONRY BRICK	INSULATION MINERAL WOOL	ENGINEERED SOIL
WOOD STRUCTURE FRAMING	GYPSUM BOARD	MASONRY CMU	INSULATION SPRAY FOAM	
WOOD FINISH CARPENTRY	GYPSUM SHEATHING	WOOD COMPOSITE	CARPET TILE	
WOOD SHIM/BLOCKING	GLASS MAT GYPSUM EXTERIOR SHEATHING	ACRYLIC RESIN	EARTH UNDISTURBED	
WOOD SHEATHING	FELT/TEXTILES	CARPET	EARTH DISTURBED	

NE Corner of Lacy Rd and Cheryl Pkwy

THE LIDO - AVANTE PROPERTIES
FITCHBURG, WISCONSIN

OWNER INFORMATION

AVANTE PROPERTIES

120 E LAKESIDE ST.
MADISON, WISCONSIN 53715

CONTACT: Chris, Armstrong
EMAIL: chris@avanteproperties.com
MAIN: 608.294.4086

PROJECT TEAM

GENERAL CONTRACTOR

KRUPP GENERAL CONTRACTORS
749 UNIVERSITY ROW, SUITE 101
MADISON, WI 53705
CONTACT: AARON GUNDLACH
EMAIL: agundlach@kruppconstruction.com
MAIN: 608.260.7003

ARCHITECTURAL

JLA ARCHITECTS & PLANNERS
800 WEST BROADWAY - SUITE 200
MONONA, WISCONSIN 53713
CONTACT: ABBY HULTMAN
EMAIL: ahultman@jla-ap.com
MAIN: 608.442.3874

CIVIL ENGINEERING

VIERBICHER
999 FOURIER DRIVE, SUITE 201
MADISON, WI 53717
CONTACT: JUSTIN ZAMPARDI
EMAIL: jzam@vierbicher.com
MAIN: 608.821.3970

STRUCTURAL ENGINEERING

SPIRE ENGINEERING, INC.
305 N. PLANKINTON AVE. SUITE 101
MILWAUKEE, WI 53203
CONTACT: BRIAN GENDUSO
EMAIL: bjg@spireengineer.com
MAIN: 414.278.9200 EXT. 112

SET ISSUE

FITCHBURG ARTICLE 5 SUBMITTAL
08/19/2025

SHEET INDEX

SHEET INDEX	
SHEET DISCIPLINE AND NUMBER	DESCRIPTION
GENERAL	
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G001	INDEX SHEET
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CIVIL	
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C300	OVERALL GRADING AND EROSION CONTROL PLAN
C301	GRADING PLAN - NORTH
C302	GRADING PLAN - SOUTH
C303	STORM WATER FACILITY DETAIL (NORTH)
C304	STORM WATER FACILITY DETAIL (SOUTH)
C400	OVERALL UTILITY PLAN
C500	CONSTRUCTION DETAILS
C601	CONSTRUCTION DETAILS
LANDSCAPE	
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A103	THIRD FLOOR PLAN
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A201	EXTERIOR ELEVATIONS
A202	EXTERIOR PERSPECTIVES
A203	EXTERIOR PERSPECTIVES
A300	BUILDING SECTIONS

SHEET ORGANIZATION

EACH DRAWING SHEET IS BASED UPON A 30 SQUARE GRID SYSTEM, STARTING WITH '1' IN THE TOP LEFT HAND CORNER AND WORKING LEFT-TO-RIGHT AND TOP-TO-BOTTOM TO '30' IN THE BOTTOM RIGHT HAND CORNER, EXAMPLE BELOW:

1	2	3	4	5	6	TITLE BLOCK
7	8	9	10	11	12	
13	14	15	16	17	18	
19	20	21	22	23	24	
25	26	27	28	29	30	



JLA ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W24-1219

THE LIDO - AVANTE PROPERTIES

FITCHBURG ARTICLE 5 SUBMITTAL

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

The seal & signature by the Architect of Record for this sheet is affixed to Sheet G001, which identifies this sheet as part of the sealed & signed document set in the set's index list.

DATE OF ISSUANCE: 08/19/2025

REVISION SCHEDULE		
Mark	Description	Date

SHEET TITLE

INDEX SHEET

SHEET NUMBER

G001

REQUIRED BUILDING ELEMENT RATINGS

Roofing Walls	1, 2 or 3 HOUR	Table 601
Floors	1, 2 or 3 HOUR	Table 601 & Occupancy Separations
Roofs	1, 2 or 3 HOUR	Table 601
Exterior Walls	1, 2 or 3 HOUR	IBC 704, Tables 601 & 602

FIREWALL REQUIRED

3HR HORIZONTAL BLDG SEPARATION REQUIRED

FLOOR	FIRE AREA #1 (R2 RESIDENTIAL UNITS)			
	MAIN OCCUPANCY	BUILDING AREAS	COVERED...	TOTALS
5TH FLOOR	R-2	22,262	-	22,262
4TH FLOOR	R-2	22,262	-	22,262
3RD FLOOR	R-2	22,262	-	22,262
2ND FLOOR	R-2	22,262	-	22,262
SUB-TOTALS		89,048	-	89,048

FLOOR	3-HOUR FIRE RATED HORIZONTAL BUILDING SEPARATION			
	MAIN...	BLDG. AREAS	COVERED...	TOTALS
FIRST FLOOR & LEVEL P1	S2 / R2	33,170.00	-	33,170.00
LEVEL P2	S2	27,151.00	-	27,151.00
SUB-TOTALS		60,321.00	-	60,321.00
MULTI-BUILDING TOTALS:		141,369.00	-	141,369.00

FLOOR	FIRE AREA #3 - SEPARATE TOWNHOME BUILDING		
	FLOOR	MAIN	BLDG. AREA TOTAL
FIRST FLOOR & LEVEL P1			33,170.00
2ND LEVEL	R2		5,992.00
3RD LEVEL	R2		5,992.00
1ST LEVEL	R2		5,992.00
TOTAL			11,984.00

FLOOR	FIRE AREA #1 (R2 RESIDENTIAL UNITS)	
	DESIGN	ALLOWED
5TH FLOOR	22,262	40,777
4TH FLOOR	22,262	40,777
3RD FLOOR	22,262	40,777
2ND FLOOR	22,262	40,777
TOTAL	89,048	122,336

FLOOR	FIRE AREA #2 (PARKING AREA / PARTIAL RESIDENTIAL UNITS)	
	DESIGN	ALLOWED
FIRST FLOOR & LEVEL P1	33,170.00	33,170.00
LEVEL P2	27,151.00	27,151.00
TOTAL	60,321.00	60,321.00

Fire Area #3 is separated from Fire Area #1 & #2 by 0 3 HR Horizontal Building Separation
Allowed per IBC 510.2

Fire Areas #1 and #2

BUILDING AREA (CODE REVIEW)
Area Limitation: (Table 506.2)

BUILDING AREA CALCULATIONS	FIRE AREA #1 (R2 RESIDENTIAL UNITS)		Check One Box Only		SPRINKLER SYSTEM PER DESIGN *		SM, NFPA 13	
	Allowable Area Determination:	NS	12,000	(AREA INCREASE Per 2015 IBC Section 506.2.3 & 506.2.4) Maximum # of Calculated Stories Allowed Per Design =	3	F = Building perimeter length with height >= 30 ft. W = (L1*W1) + (L2*W2) + (L3*W3) + (L4*W4) + (L5*W5) + (L6*W6) + (L7*W7) + (L8*W8) + (L9*W9) + (L10*W10)	FW Length	FW Total Length
per Table 506.2	S13R	12,000						
R-2 Occupancy	S1	48,000						
Amount of frontage increase (If):								
Single-Occupancy, Multi-Story Building Area Modification:								
(Max. Allowable Building Area)								

HEIGHT LIMITATION: per IBC 504.3 & 504.4 (GROUP R-2 BLDGS.)

ALLOWABLE HEIGHTS - PER DESIGNED SPRINKLER SYSTEM INCREASE

Grade Floor #	Building Height Design #	FIRE AREA	OCCUPANCY	SPRINKLER TYPE
1	1	Fire Area #1	R2	NFPA 13 PER 903.3.1.1
2	2	Fire Area #2	S2	NFPA 13 PER 903.3.1.1
3	3	Fire Area #3	R2	NFPA 13R PER 903.3.1.2

FIRE SEPARATIONS: Fire Area Separations: 3-Hour Horizontal Building Separation Assembly separates Fire Area #1 from Fire Area #2
3-Hour Fire Wall Separation Assembly separates Fire Area #2 from Fire Area #3

EGRESS: (MAX Travel Distance) R-2 OCCUPANCY: Common Path of Travel (1006.2.1, Table 1006.2.1) = 125'
Common Path of Travel (1006.2.1), Table 1006.2.1) = 100'

SOUND TRANSMISSION: Dwelling Unit Separations: STC not less than 50 (45 if field tested) - Section 1207.2
IC not less than 50 (45 if field tested) - Section 1207.3

2015 IBC ENVELOPE COMPLIANCE: Design Passes - See CCM/Check / REScheck Report

LIFE SAFETY LEGEND

SPACE FIRE RATINGS/ SEPARATION:

1 HOUR FIRE RATED SPACE PER FIRE RATING LEGEND

2 HOUR FIRE RATED SPACE PER FIRE RATING LEGEND

VERTICAL EXIT ENCLOSURES - (SEE FIRE RATING LEGENDS)
STAIR #1 (7 LEVELS): PROVIDE FIRE BARRIERS PER 2018 IBC, 707
STAIR #2 (7 LEVELS): PROVIDE FIRE BARRIERS PER 2018 IBC, 707
ELEVATORS (5 LEVELS): PROVIDE FIRE BARRIERS PER 2018 IBC, 707

INCIDENTAL USE AREAS - (SEE FIRE RATING LEGENDS)
SEPARATED PER 2015 IBC TABLE 509

ACCESSORY OCCUPANCY AREAS
LESS THAN 10% OF TOTAL AREA FOR EACH LEVEL NOT SEPARATED FROM MAIN OCCUPANCY

SEPARATED OCCUPANCY AREAS - (SEE FIRE RATING LEGENDS)
SEPARATED WITH FIRE BARRIERS PER 2015 IBC TABLE 508.4

WALL FIRE RATINGS:

1 HOUR RATED FIRE PARTITION
1 HOUR RATED FIRE BARRIER
2 HOUR RATED FIRE BARRIER
3 HOUR RATED FIRE WALL
3 HOUR STRUCTURAL RATING

SYMBOLS & TAGS:

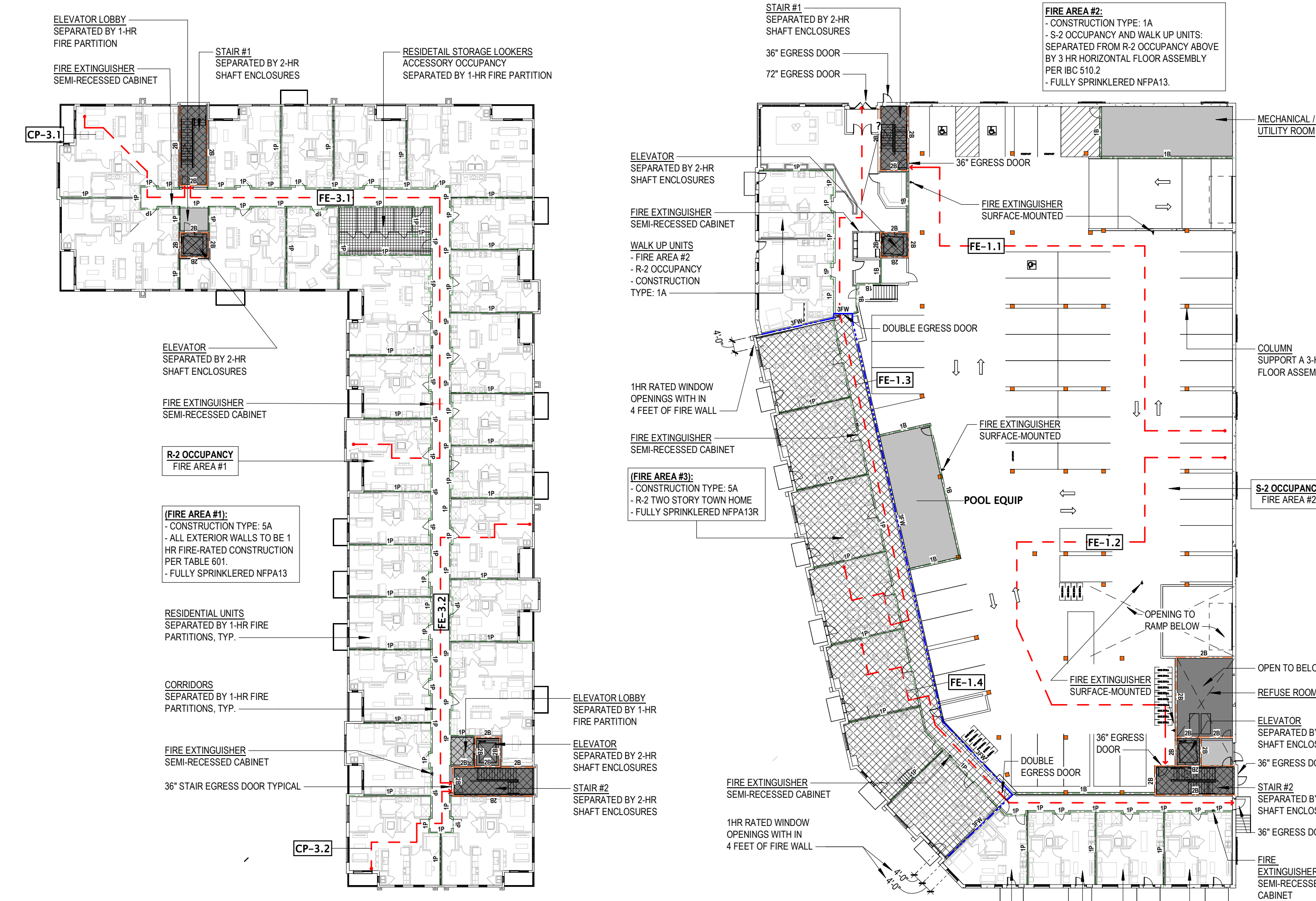
F.E.C.: FIRE EXTINGUISHER CABINET
F.E.: FIRE EXTINGUISHER BOTTLE
- FE-1.1 - FIRE EXIT TRAVEL ROUTE - SEE SCHEDULE
- CP-1.1 - COMMON PATH OF TRAVEL - SEE SCHEDULE

NOTES:

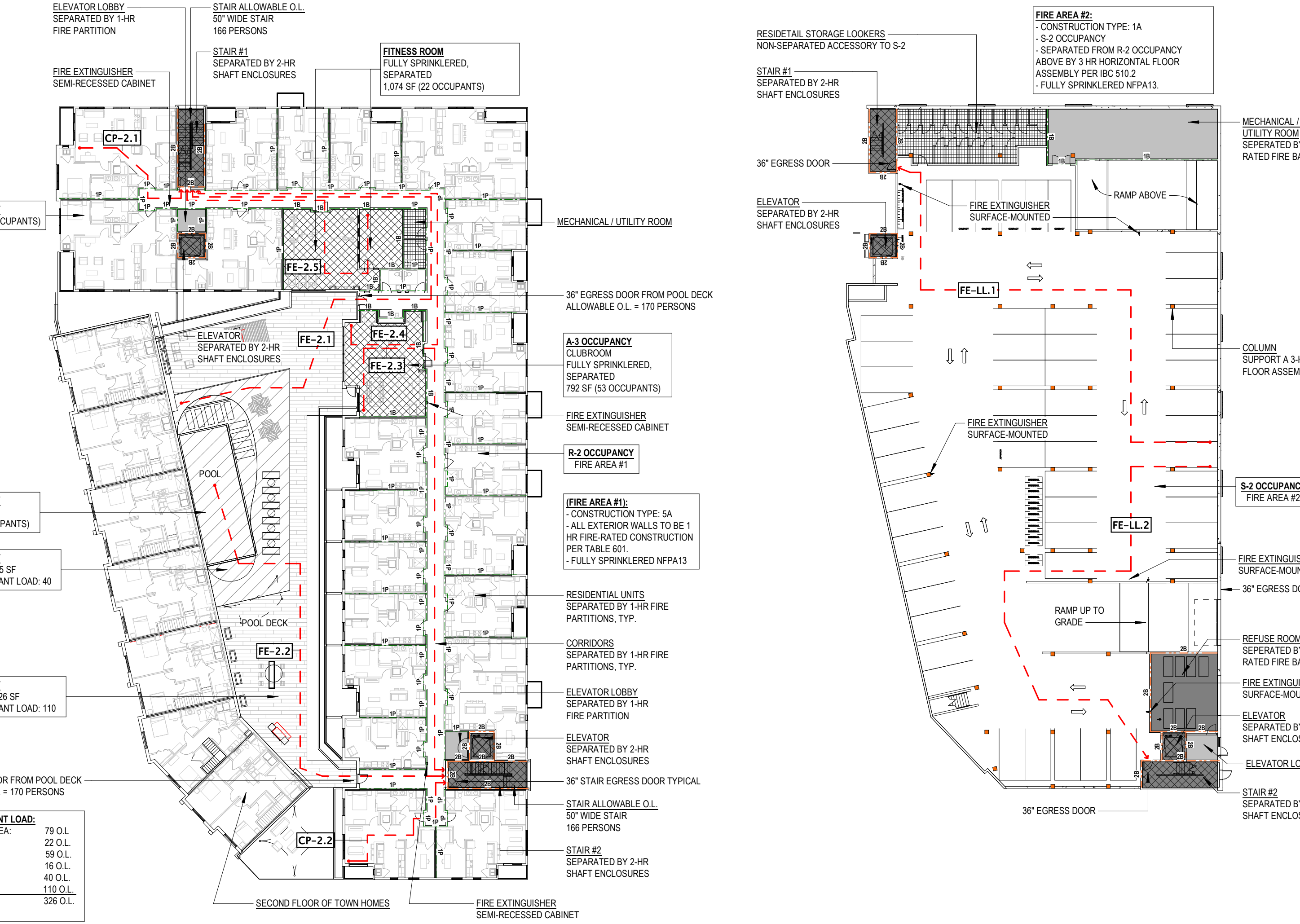
- NOTE: ALL STRUCTURAL COMPONENTS SHALL BE RATED EQUAL TO THE RATED ASSEMBLY FOR WHICH THEY SUPPORT.
- ALL RESIDENTIAL UNITS ARE SEPARATED WITH 1HR RATED FIRE PARTITIONS.
- PARKING LEVEL IS SEPARATED FROM UPPER LEVELS WITH 3HR HORIZONTAL BUILDING SEPARATION.
- ALL FIRE RATED ASSEMBLIES WITHIN CONCEALED ACCESSIBLE SPACES SHALL BE CLEARLY AND PERMANENTLY IDENTIFIED PER 2015 IBC SECTION 703.7.
- FIRST FLOOR FRAMING SHALL BE OF NON-COMBUSTIBLE MATERIAL, METAL STUDS.
- CONCEALED SPACE FIRE/SMOKE BLOCKING: PROVIDE PER 2015 IBC 718.7 - TYPICAL THROUGHOUT ENTIRE BUILDING. FIREBLOCKING MATERIALS PER 2015 IBC 718.2.1 SHALL BE:
 - NOTE: LESS THAN 2" NOMINAL LUMBER
 - (2) LAYERS OF 1" NOMINAL LUMBER WITH BORKEN LAP JOINTS
 - (1) LAYER OF 0.75" STRUCTURAL PANELS WITH JOINTS BACKED BY SAME
 - (1) LAYER OF PARTICLE BOARD WITH JOINTS BACKED BY SAME
 - 1/2" THICK GYPSUM WALL BOARD
 - 1/2" CEMENT BASED MILLBOARD
 - BATTS/BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE
 - GLASS FIBER INSULATION INSTALLED AS TESTED FOR THE SPECIFIC APPLICATION
- (SEE STAIR AND ELEVATOR DETAILS FOR ADDITIONAL FIREBLOCKING INFORMATION).
- DOUBLE STUD WALL ASSEMBLIES: PROVIDE BOTH HORIZONTAL AND VERTICAL FIRE SMOKE BLOCKING PER 2015 IBC SECTION 718.2.3 AND INSTALLED PER 718.2.2
 - VERTICAL BLOCKING AT THE CEILING AND FLOOR LEVELS.
 - HORIZONTAL BLOCKING AT INTERVALS NOT EXCEEDING 10 FEET.
- DRAFTSTOPPING: PROVIDE PER 2015 IBC 718.3 - TYPICAL THROUGHOUT ENTIRE BUILDING. DRAFTSTOPPING MATERIALS SHALL NOT BE LESS THAN 1/2" GYPSUM BOARD, 3/8" WOOD STRUCTURAL PANEL, 3/8" PARTICLE BOARD, 1" NOMINAL LUMBER, CEMENT FIBERBOARD, BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER. THE INTEGRITY OF DRAFTSTOPPING SHALL BE MAINTAINED.



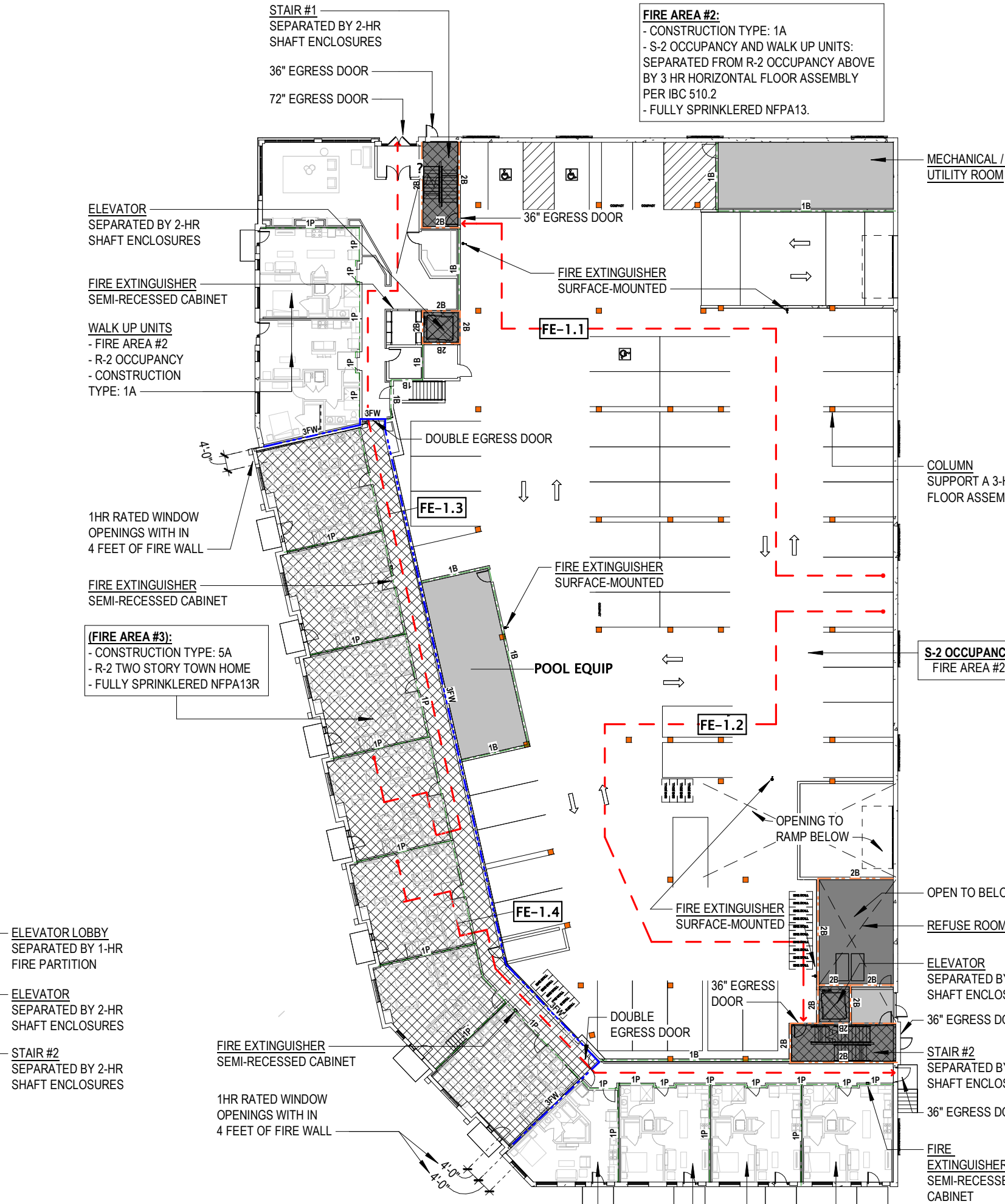
5 FIRE SEPERATION DISTANCE
1" = 30'-0"



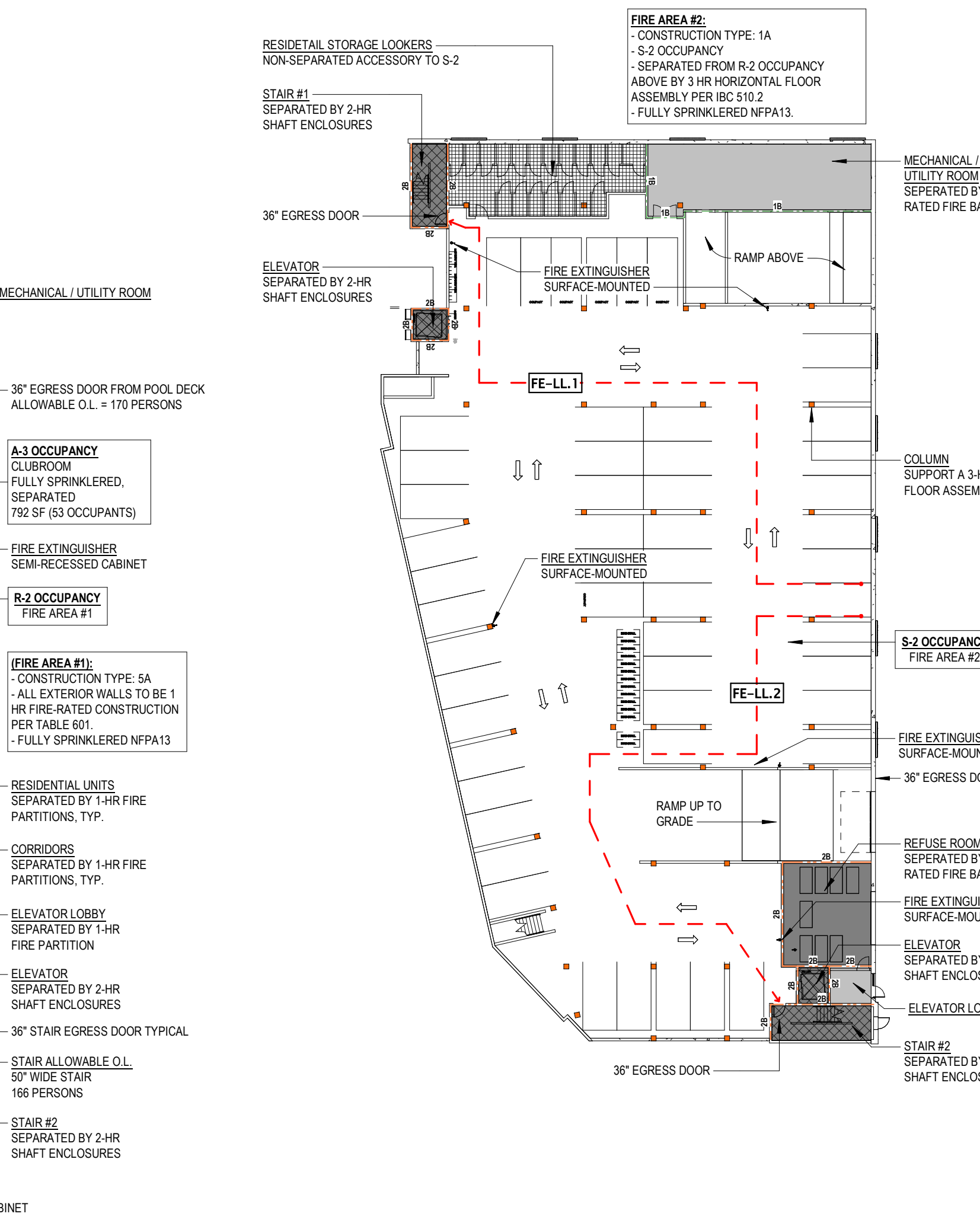
4 THIRD FLOOR THRU FIFTH FLOOR - LIFE SAFETY PLAN
1" = 30'-0"



3 SECOND FLOOR - LIFE SAFETY PLAN
1" = 30'-0"



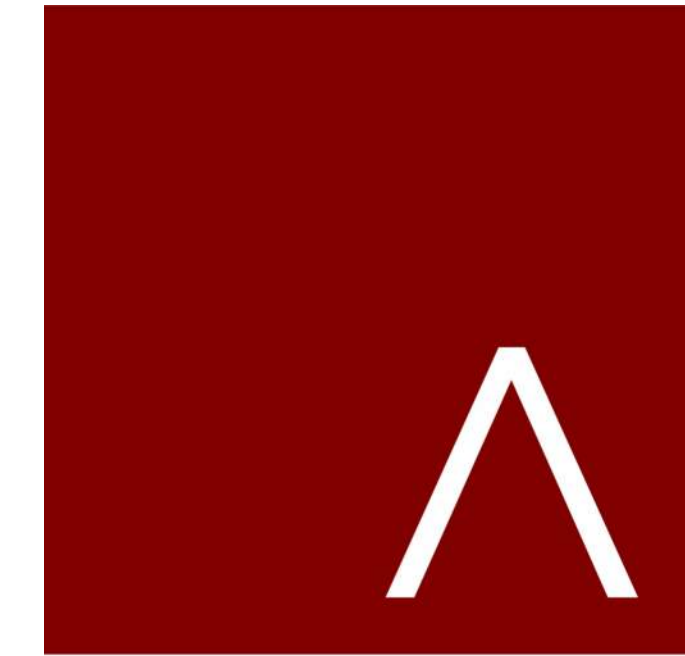
2 P1 AND LEVEL 1 - LIFE SAFETY PLAN
1" = 30'-0"



1 P2 - LIFE SAFETY PLAN
1" = 30'-0"

EXIT TRAVEL DISTANCE		
Path ID	Travel Distance	Description
FE-1.1	198'-6"	FIRST FLOOR - TO STAIR ENCLOSURE (S-2 400' MAX.)
FE-1.2	216'-2"	FIRST FLOOR - TO STAIR ENCLOSURE (S-2 400' MAX.)
FE-1.3	227'-4"	FIRST FLOOR - TO EXIT DOOR (R-2 250' MAX.)
FE-1.4	165'-6"	FIRST FLOOR - TO EXIT DOOR (R-2 250' MAX.)
FE-2.1	226'-6"	SECOND FLOOR - TO EXIT DOOR (ASSEMBLY 250' MAX.)
FE-2.2	171'-8"	SECOND FLOOR - TO EXIT DOOR (R-2 250' MAX.)
FE-2.3	196'-3"	SECOND FLOOR - TO EXIT DOOR (ASSEMBLY 250' MAX.)
FE-2.4	175'-9"	SECOND FLOOR - TO EXIT DOOR (ASSEMBLY 250' MAX.)
FE-2.5	112'-1"	SECOND FLOOR - TO EXIT DOOR (ASSEMBLY 250' MAX.)
FE-3.1	213'-5"	THIRD FLOOR - TO STAIR ENCLOSURE (R-2 280' MAX.)
FE-3.2	123'-3"	THIRD FLOOR - TO STAIR ENCLOSURE (R-2 280' MAX.)
FE-LL.1	202'-4"	LOWER LEVEL - TO STAIR ENCLOSURE (S-2 400' MAX.)
FE-LL.2	203'-10"	FIRST FLOOR - TO STAIR ENCLOSURE (S-2 400' MAX.)

COMMON PATH OF TRAVEL		
Path ID	Travel Distance	Description
CP-2.1	49'-10"	SECOND FLOOR (R-2 125' MAX.)
CP-2.2	81'-0"	SECOND FLOOR (R-2 125' MAX.)
CP-3.1	151'-2"	THIRD FLOOR (R-2 125' MAX.)
CP-3.2	153'-10"	THIRD FLOOR (R-2 125' MAX.)



JLA ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W24-1219

THE LIDO - AVANTE PROPERTIES

FITCHBURG ARTICLE 5 SUBMITTAL

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

The seal & signature by the Architect of Record for this sheet is affixed to Sheet 0001, which identifies this sheet as part of the sealed & signed document set in the set's index list.

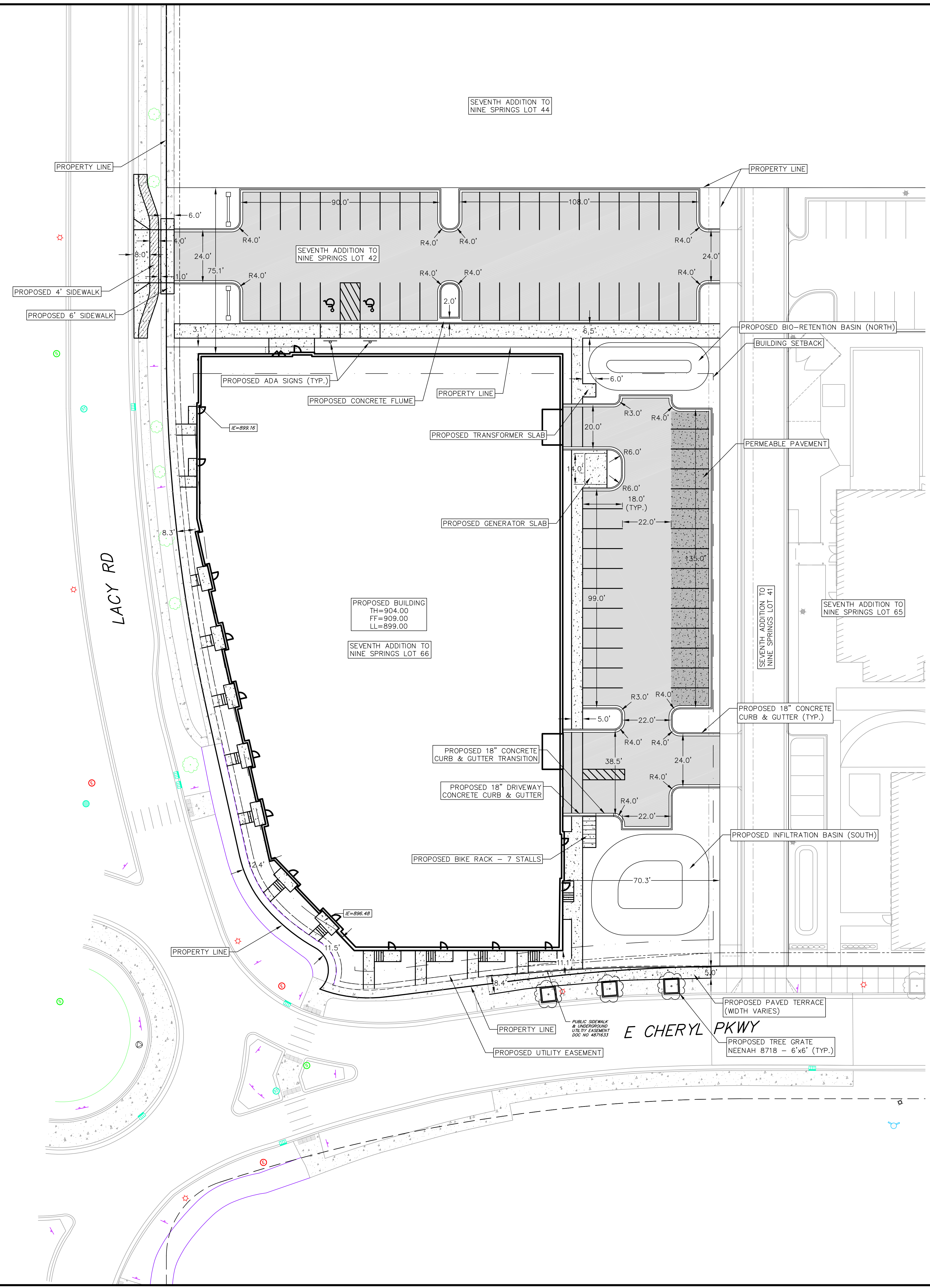
DATE OF ISSUANCE: 08/19/2025

REVISION SCHEDULE		
Mark	Description	Date

CODE INFORMATION

SHEET NUMBER

G100



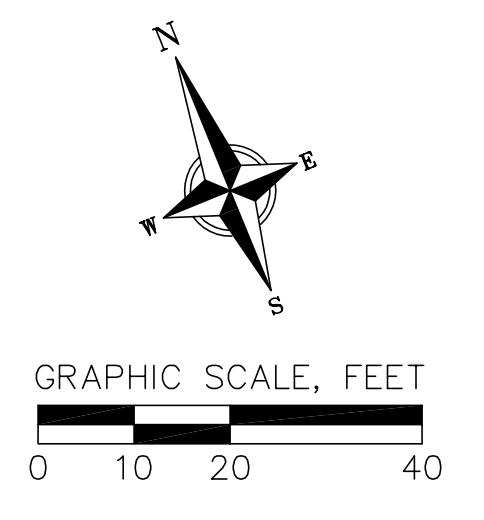
SITE PLAN LEGEND

- PROPERTY BOUNDARY
- CURB AND GUTTER (REVERSE CURB HATCHED)
- PROPOSED CHAIN LINK FENCE
- PROPOSED WOOD FENCE
- PROPOSED CONCRETE
- PROPOSED LIGHT-DUTY ASPHALT
- PROPOSED PERMEABLE PAVEMENT
- PROPOSED BUILDING
- PROPOSED SIGN
- PROPOSED LIGHT POLE
- PROPOSED BOLLARD
- PROPOSED ADA DETECTABLE WARNING FIELD
- PROPOSED HANDICAP PARKING

- SITE PLAN NOTES:**
- CONCRETE TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED SAND OR CRUSHED STONE.
 - CONCRETE FOR DRIVEWAYS AND SIDEWALK AT DRIVEWAY ENTRANCES SHALL BE 7" THICK, CONSTRUCTED ON A BASE OF 5" COMPACTED SAND OR CRUSHED STONE.
 - ALL DIMENSIONS WITH CURB & GUTTER ARE REFERENCED TO THE FACE OF CURB.
 - CONTRACTOR SHALL DEEP TILL ANY DISTURBED AREAS AFTER CONSTRUCTION IS COMPLETE AND BEFORE RESTORING.
 - CONTRACTOR TO OBTAIN ANY NECESSARY DRIVEWAY CONNECTION, RIGHT OF WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
 - ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES THAT IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.

SITE PLAN DATA TABLE	
TRANSECT ZONE	T5
SITE SIZE (LOT66/OL42)	83,995 SF
LOT COVERAGE ¹	79.52% (66,789 SF)
IMPERVIOUS AREA	66,789 SF
PARKING STALLS	171 TOTAL (5 ADA)

¹ ASSUMES PERMEABLE PAVEMENT DOES NOT COUNT TOWARDS LOT COVERAGE AREA



NOT FOR CONSTRUCTION

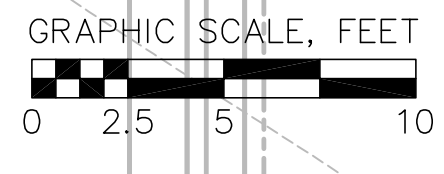
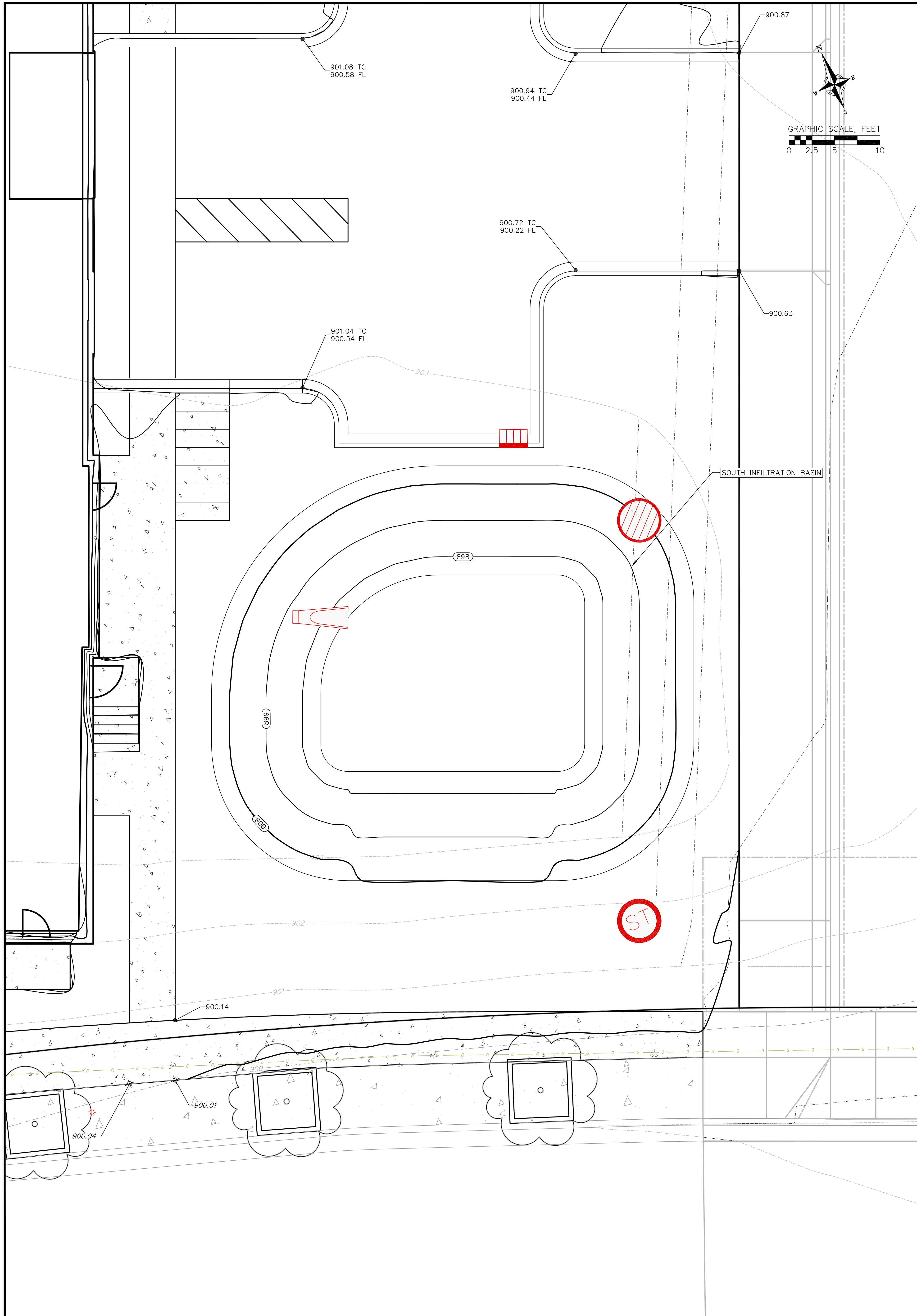
vierbicher
planners | engineers | advisors

OVERALL SITE PLAN
THE LIDO - AVANTE PROPERTIES
CITY OF FITCHBURG
DANE COUNTY, WISCONSIN

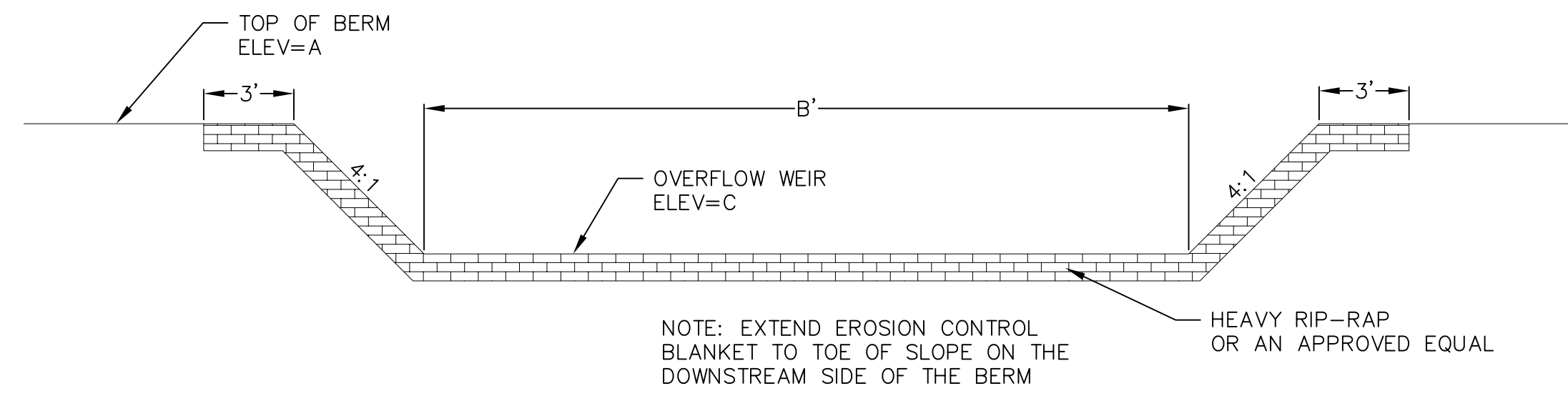
NO.	DATE	REVISIONS	
		NO.	DATE

DATE: 8/15/2025
 DRAFTER: JGOL
 CHECKED: JZAM
 PROJECT NO.: 170229

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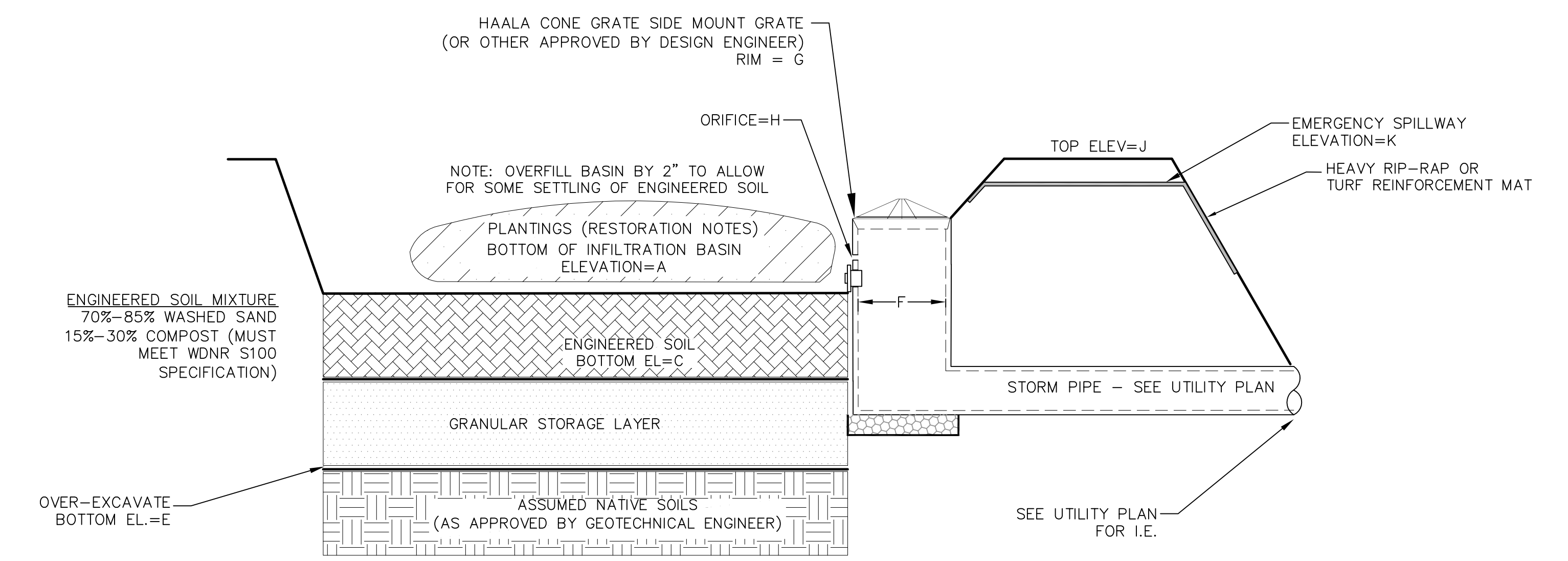
OVERFLOW WEIR			
	A	B	C
INFILTRATION (SOUTH)	900.50	20	900.00



OVERFLOW WEIR
NOT TO SCALE

INFILTRATION AREA RESTORATION SPECIFICATIONS:
 NOTE: BOTTOM OF INFILTRATION AREA MUST NOT BE CONSTRUCTED (INSTALLED) UNTIL THE SITE IS STABILIZED, I.E. THE GRASS COVER IS WELL ESTABLISHED.
 INFILTRATION AREA MUST CONFORM TO WISCONSIN DNR TECHNICAL STANDARD 1003 (INFILTRATION BASIN)
PLANTING, EROSION MAT, AND MAINTENANCE NOTES:
 SEEDING (SEE DETAIL SHEET FOR MIX DESIGN) SHALL BE COMPLETED IN THE LATEFALL (AS DORMANT SEEDING PRIOR TO FIRST SNOWFALL) OR IN THE SPRING (BETWEEN MAY 1 AND JUNE 20), OR PLUGS SHALL BE USED. COVER CROP SHALL BE USED.
 EROSION MAT SHALL CONFORM TO THE CRITERIA LOCATED IN WDNR CONSERVATION PRACTICE STANDARD MULCHING FOR CONSTRUCTION SITES (1058).
 DO NOT ALLOW SURROUNDING SOILS TO ERODE INTO BASINS ONCE ENGINEERED SOIL AND SEEDING HAS BEEN INSTALLED.
MAINTENANCE OF NATIVE VEGETATION (MOWING, CUTTING OR BURNING SHALL BE USED TO MAINTAIN VEGETATION):
 1. ESTABLISHMENT- THE FIRST MOWING OF NEWLY PLANTED SEED SHALL OCCUR ONCE IT REACHES A HEIGHT OF 10 TO 12 INCHES.
 2. MOWING-MOWING SHALL REDUCE THE HEIGHT OF PLANTS TO 5 TO 6 INCHES. IF AFTER ESTABLISHMENT, IF BURNING CANNOT BE ACCOMMODATED, MOWING SHALL OCCUR ONCE IN THE FALL AFTER NOVEMBER 1). THE AREA SHALL BE MOWED TO A HEIGHT OF 5 TO 6 INCHES.
 3. BURNING
 A. ROUTINE MAINTENANCE - BEGINNING THE SECOND YEAR, BURNING SHALL OCCUR IN THE EARLY SPRING (PRIOR TO MAY 1ST) OR IN THE LATE FALL (AFTER NOVEMBER 1ST)
 B. BURNING SHALL BE DONE TWO CONSECUTIVE YEARS AND THEN UP TO THREE YEARS CAN PASS BEFORE THE NEXT BURNING.
 C. UNDER NO CIRCUMSTANCES SHALL BURNING OCCUR EVERY OTHER YEAR
RESTORATION OF THE INFILTRATION AREA (NOT INCLUDING SIDE SLOPES):
 1. OVER-EXCAVATE THE AREA TO INFILTRATIVE LAYER TO BE DETERMINED IN THE FIELD, DURING EXCAVATION, BY CERTIFIED SOILS ENGINEER.
 2. CHISEL PLOW, OR ROTO-TILL THE BASE OF THE AREA TO BREAK UP ANY HARDPAN IN THE NATIVE SOIL LAYER.
 3. PLANT AND MAINTAIN AS DIRECTED ABOVE.

INFILTRATION BASIN ELEVATIONS									
	A	B	C	F	G	H	J	K	DESIGN INFILTRATION RATE (IN/HR)
SOUTH	897.50	897.50	897.00	36"	899.50	6" @ 898.50	900.50	900.00	0.50



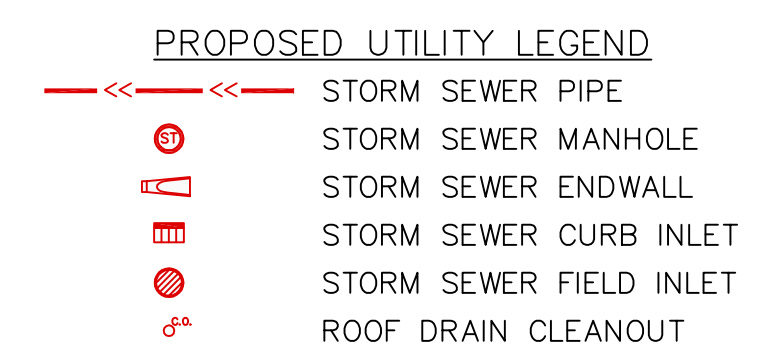
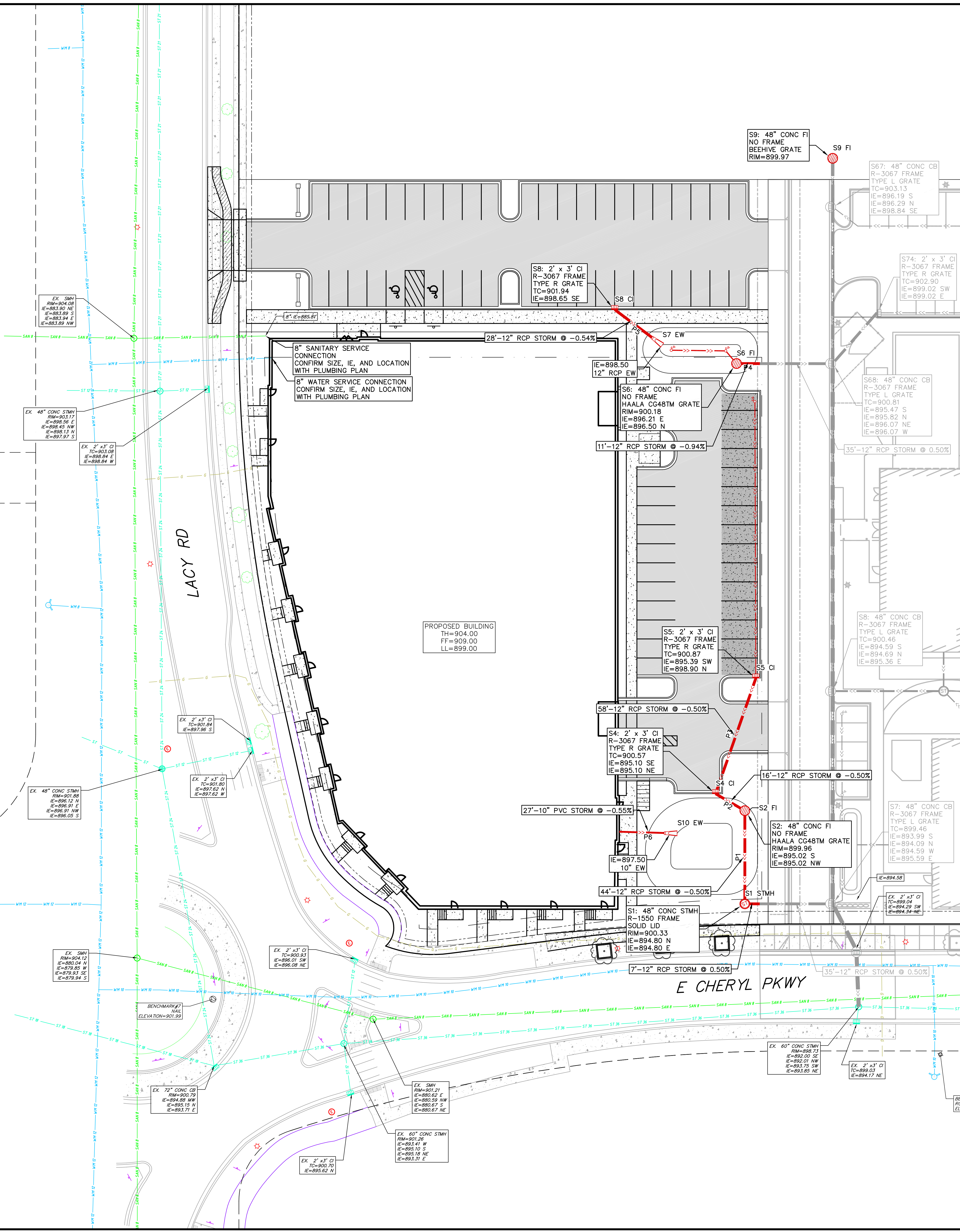
STORAGE LAYER SAND OR GRAVEL
 SAND SHALL MEET ONE OF THE FOLLOWING GRADATION REQUIREMENTS:
 • USDA COARSE SAND (0.02 - 0.04 INCHES)
 • ASTM C33 (FINE AGGREGATE CONCRETE SAND)
 • WISCONSIN STANDARDS AND SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, SECTION 501.2.5.3.4 (FINE AGGREGATE CONCRETE SAND) 2005 EQUIVALENT AS APPROVED BY THE ADMINISTERING AUTHORITY
 GRAVEL SHALL MEET:
 • COARSE AGGREGATE #2 AND OTHER SPECIFICATIONS OF WISCONSIN STANDARDS AND SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, SECTION 501.2.5, 203 EDITION OR AN EQUIVALENT AS APPROVED BY THE ADMINISTERING AUTHORITY. GRAVEL SHALL BE DOUBLE-WASHED.

INFILTRATION BASIN (SOUTH)
NOT TO SCALE

NOT FOR CONSTRUCTION

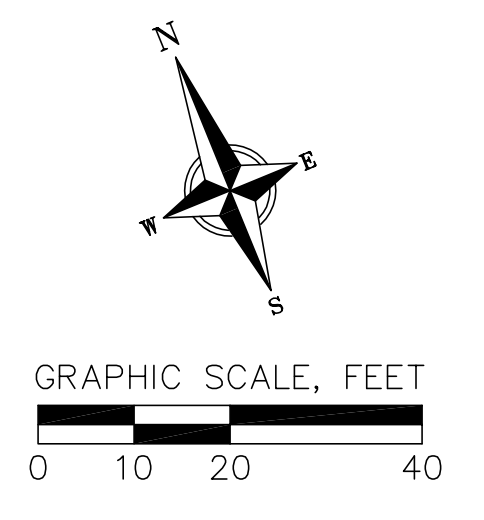
NO.	DATE	REVISIONS	REMARKS

DATE: 8/15/2025
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 PROJECT NO.: 170229
C304



UTILITY NOTES:

1. CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO STARTING WORK.
2. SANITARY & STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. STORM SEWER END SECTIONS ARE INCLUDED IN THE LENGTH AND SLOPE OF THE PIPE.
3. CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES TO FINISHED GRADE (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
5. FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
6. IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
7. A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
8. PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATION WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
9. STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(C).
10. UNDERGROUND DRAIN AND VENT PIPE/TUBING SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-2 OF SPS 384.30(2).
11. PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(D).
12. PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(C).
13. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(H) AND SPS 382.40(8)(K).
14. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(B).
15. NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
16. SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
17. CONTRACTOR TO CHLORINATE AND BACTERIA TEST BEFORE DOMESTIC SUPPLY PURPOSES
18. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
19. CONTRACTOR SHALL COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED. CONTRACTOR SHALL ALSO COORDINATE THE PROPOSED INSTALLATION OF NEW FACILITIES AS REQUIRED.
20. ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GRADE ELEVATION TO TOP OF MAIN. PROVIDE 1.5' CLEAR SEPARATION IF WATER CROSSES BELOW SEWER AND MINIMUM 0.5' IF WATER CROSSES ABOVE.
21. SANITARY MANHOLES WITH SEWER MAIN CONNECTIONS GREATER THAN 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN EXTERNAL DROP. MANHOLES WITH SEWER LATERAL CONNECTIONS GREATER THAN 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN INTERNAL DROP.
22. INSTALL 1 SHEET OF 4'X8'X4" HIGH DENSITY STYROFOAM INSULATION AT ALL LOCATIONS WHERE STORM SEWER CROSSES WATER MAIN OR WATER LATERALS.
23. CONTRACTOR TO INSTALL BENDS AND CLEANOUTS AS NECESSARY ON WATER AND SEWER LATERALS.
24. PER CITY ORDINANCE, CONTRACTORS ARE NOT ALLOWED TO OPERATE CITY OWNED VALVES. THE CONTRACTOR SHALL CALL THE FITCHBURG UTILITY AT 270-4270 FOR OPERATION OF THESE VALVES.
25. SAFE SAMPLE RESULTS NEED TO BE PROVIDED TO THE FITCHBURG UTILITY PRIOR TO PRESSURE TESTING THE PRIVATE WATER MAINS.
26. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE AT THE POINT OF CONNECTION.
27. OPEN PICK HOLES ARE PROHIBITED ON SANITARY MANHOLES.
28. ALL WATER AND SANITARY SERVICES, AND STORM FACILITIES NOT USED FOR THE LOT SHALL BE ABANDONED ACCORDING TO CITY SPECIFICATIONS.
29. PER CITY ORDINANCE, CONTRACTORS ARE NOT ALLOWED TO OPERATE CITY OWNED VALVES. THE CONTRACTOR SHALL CALL THE FITCHBURG UTILITY AT (608) 270-4270 FOR OPERATION OF THESE VALVES.
30. SAFE SAMPLE RESULTS NEED TO BE PROVIDED TO THE FITCHBURG UTILITY PRIOR PRESSURE TESTING THE PRIVATE WATER MAINS.



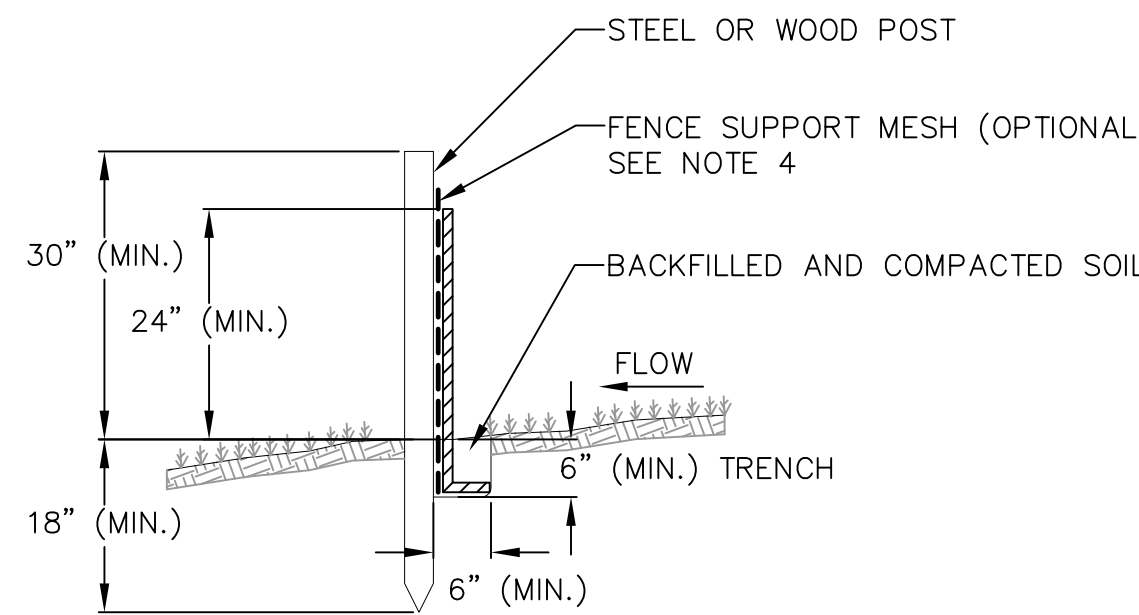
REVISIONS		NO.	DATE	REMARKS

DATE: 8/15/2025
DRAFTER: JGOL
CHECKED: JZAM
PROJECT NO.: 170229

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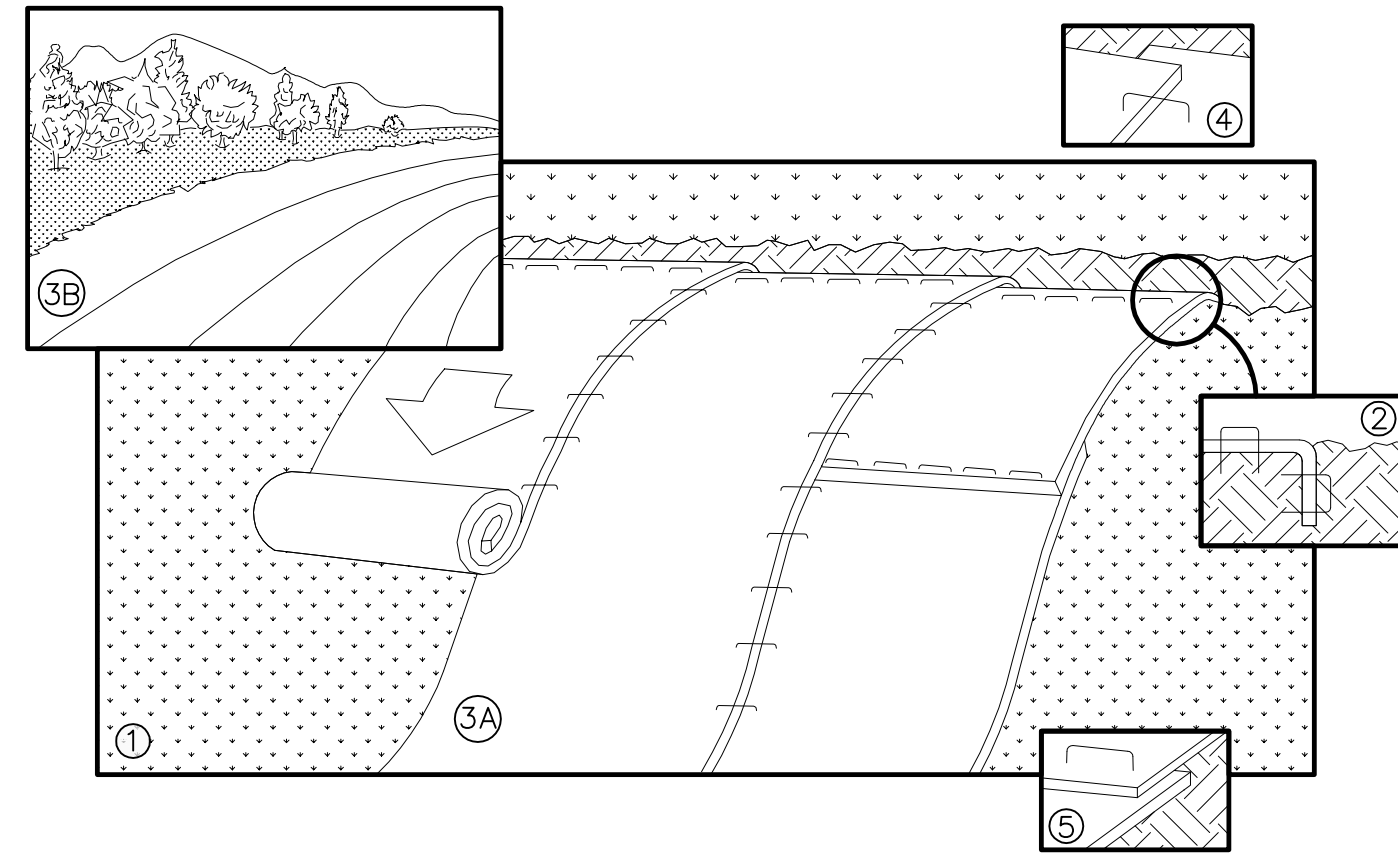
EROSION CONTROL MEASURES

- EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE CITY OF FITCHBURG EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.
- CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS (HTTPS://DNR.WISCONSIN.GOV/TOPIK/STORMWATER/STANDARDS/CONST_STANDARDS.HTML) AND WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.
- INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND/OR CITY. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
- EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
- A 3" CLEAR STONE TRACKING PAD SHALL BE INSTALLED AT THE END OF ROAD CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT TRACKING PAD SHALL CONFORM TO WISDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.
- CHANNELIZED RUNOFF:** FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.
- STABILIZED DISTURBED GROUND:** ANY SOIL OR DIRT PILES WHICH WILL REMAIN IN EXISTENCE FOR MORE THAN 7-CONSECUTIVE DAYS, WHETHER TO BE WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25- FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 7-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.
- SITE DE-WATERING:** WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS OR OTHER APPROPRIATE CONTROL MEASURES. SEDIMENTATION BASINS SHALL HAVE A DEPTH OF AT LEAST 3 FEET, BE SURROUNDED BY SNOWFENCE OR EQUIVALENT BARRIER AND HAVE SUFFICIENT SURFACE AREA TO PROVIDE A SURFACE SETTLING RATE OF NO MORE THAN 750 GALLONS PER SQUARE FOOT PER DAY AT THE HIGHEST DEWATERING PUMPING RATE. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, A NEIGHBORING SITE, OR THE BED OR BANKS OF THE RECEIVING WATER. POLYMERS MAY BE USED AS DIRECTED BY DNR TECHNICAL STANDARD 1061 (DE-WATERING).
- WASHED STONE WEEPERS OR TEMPORARY EARTH BERMS SHALL BE BUILT PER PLAN BY CONTRACTOR TO TRAP SEDIMENT OR SLOW THE VELOCITY OF STORM WATER.
- SEE DETAIL SHEETS FOR RIP-RAP SIZING. IN NO CASE WILL RIP-RAP BE SMALLER THAN 3" TO 6".
- INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. ALL PROJECT AREA STORM INLETS NEED WISCONSIN D.O.T. TYPE D INLET PROTECTION. THE FILTERS SHALL BE MAINTAINED UNTIL THE CITY HAS ACCEPTED THE BINDER COURSE OF ASPHALT.
- USE DETENTION BASINS AS SEDIMENT BASINS DURING CONSTRUCTION (DO NOT USE INFILTRATION AREAS). AT THE END OF CONSTRUCTION, REMOVE SEDIMENT AND RESTORE PER PLAN.
- RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET (NOTE: ADD SEEDING RATE STANDARD OF DETAIL BLOCK TO PLAN) UNLESS SPECIAL RESTORATION IS CALLED FOR ON THE LANDSCAPE PLAN OR THE DETENTION BASIN DETAIL SHEET.
- TERRACES SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND MULCH. LOTS SHALL BE RESTORED WITH 6" TOPSOIL, TEMPORARY SEED, FERTILIZER AND MULCH.
- AFTER DETENTION BASIN GRADING IS COMPLETE, THE BOTTOM OF DRY BASINS SHALL RECEIVE 6" TOPSOIL AND SHALL BE CHISEL-PLOWED TO A MINIMUM DEPTH OF 12" PRIOR TO RESTORATION.
- SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.
- FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
- EROSION MAT (CLASS I, TYPE B URBAN PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON THE BOTTOM (INVERT) OF ROADSIDE DITCHES/SWALES AS SHOWN ON THIS PLAN, 1 ROLL WIDTH.
- SOIL STABILIZERS SHALL BE APPLIED TO DISTURBED AREAS WITH SLOPES BETWEEN 10% AND 3:1 (DO NOT USE IN CHANNELS). SOIL STABILIZERS SHALL BE TYPE B, PER WISCONSIN D.O.T. P.A.L. (PRODUCT ACCEPTABILITY LIST), OR EQUAL. APPLY AT RATES AND METHODS SPECIFIED PER MANUFACTURER. SOIL STABILIZERS SHALL BE RE-APPLIED WHENEVER VEHICLES OR OTHER EQUIPMENT TRACK ON THE AREA.
- SILT FENCE OR EROSION MAT SHALL BE INSTALLED ALONG THE CONTOURS AT 100 FOOT INTERVALS DOWN THE SLOPE ON THE DISTURBED SLOPES STEEPER THAN 5% AND MORE THAN 100 FEET LONG THAT SHEET FLOW TO THE ROADWAY UNLESS SOIL STABILIZERS ARE USED.
- SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET OR WATERWAY. SEE DETAILS.
- SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.
- ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.
- ALL CONSTRUCTION ENTRANCES SHALL HAVE TEMPORARY ROAD CLOSED SIGNS THAT WILL BE IN PLACE WHEN THE ENTRANCE IS NOT IN USE AND AT THE END OF EACH DAY.
- ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY DANE COUNTY LAND CONSERVATION OR PERMITTING MUNICIPALITY.
- THE CITY, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.



- NOTES:**
- INSTALL SILT FENCE TO FOLLOW THE GROUND CONTOURS AS CLOSELY AS POSSIBLE.
 - CURVE THE SILT FENCE UP THE SLOPE TO PREVENT WATER FROM RUNNING AROUND THE ENDS.
 - POST SPACING WITH FENCE SUPPORT MESH = 10 FT. (MAX.)
POST SPACING WITHOUT FENCE SUPPORT MESH = 6 FT. (MAX.)
 - SILT FENCE SUPPORT MESH CONSISTS OF 14-GAUGE STEEL WIRE WITH A MESH SPACING OF 6 IN. X 6 IN. OR PREFABRICATED POLYMERIC MESH OF EQUIVALENT STRENGTH

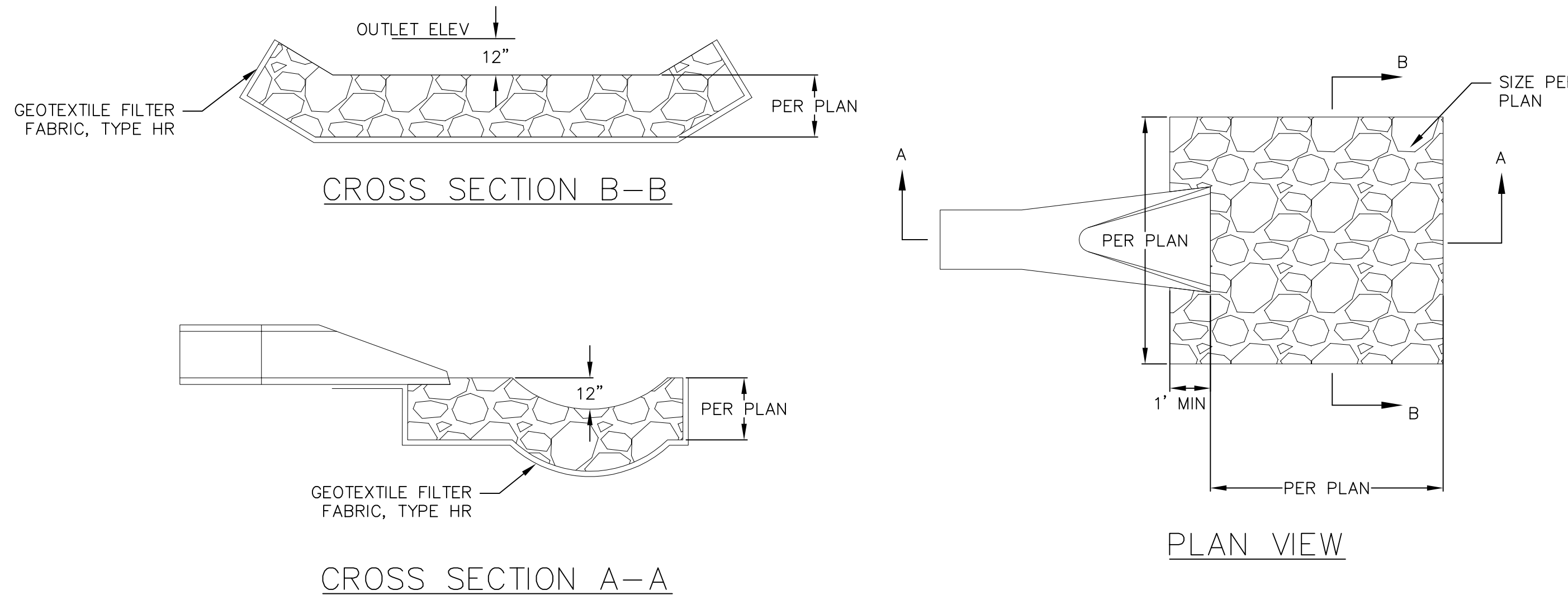
1 SILT FENCE
NOT TO SCALE



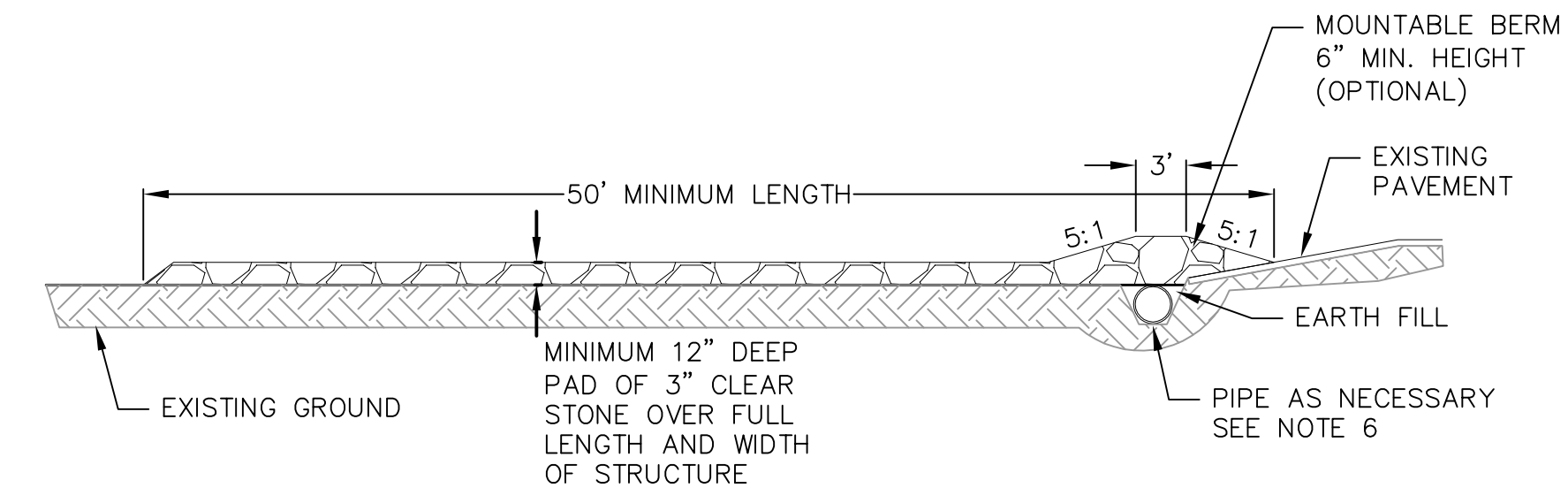
NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
NOTE: WHEN USING CELL-O-SEED, DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP BY 6" WIDE TRENCH, BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- ROLL THE BLANKETS <A> DOWN, OR HORIZONTALLY ACROSS THE SLOPE.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
- WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
- ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

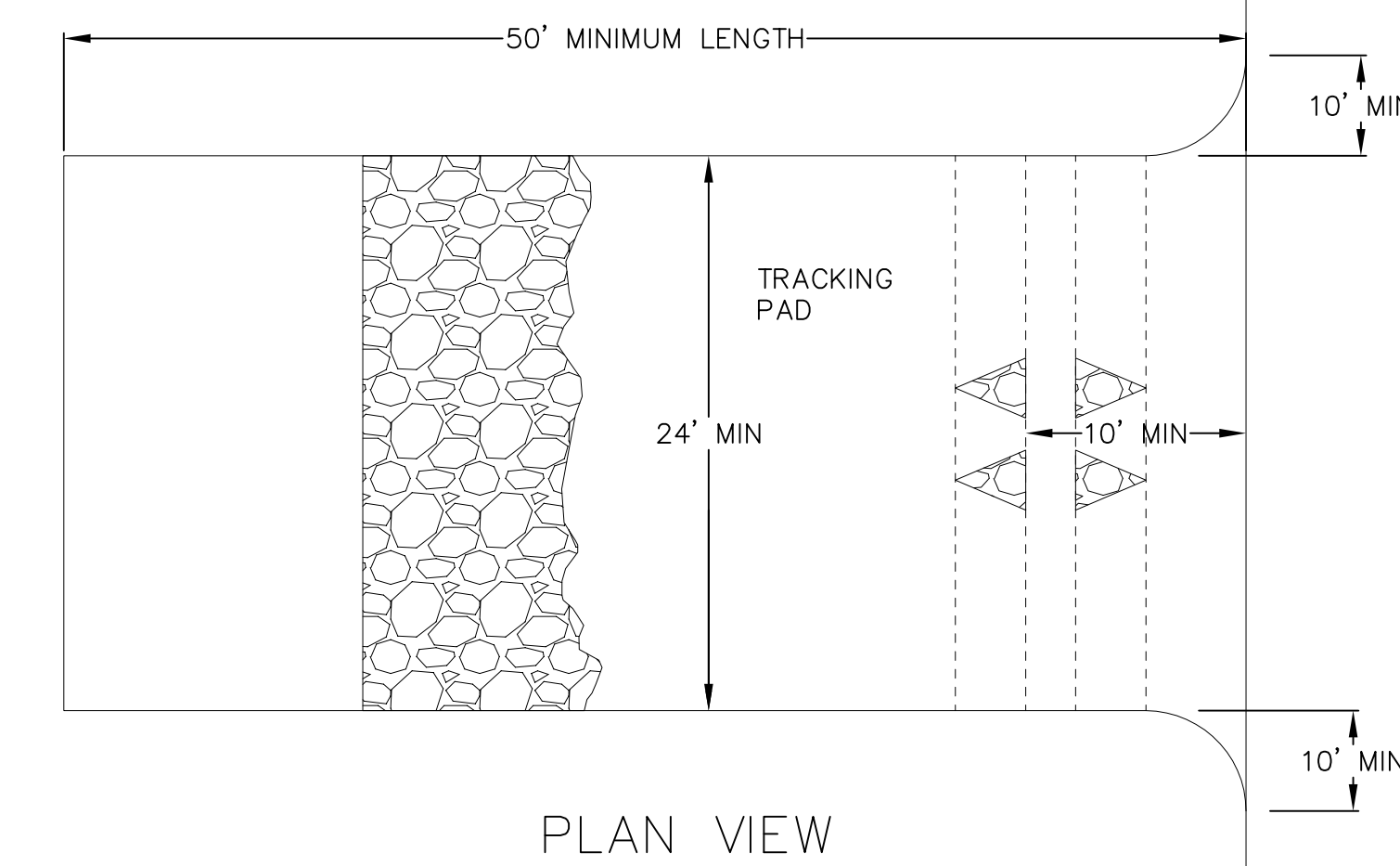
2 EROSION MAT
NOT TO SCALE



3 RIP-RAP OUTLET
NOT TO SCALE



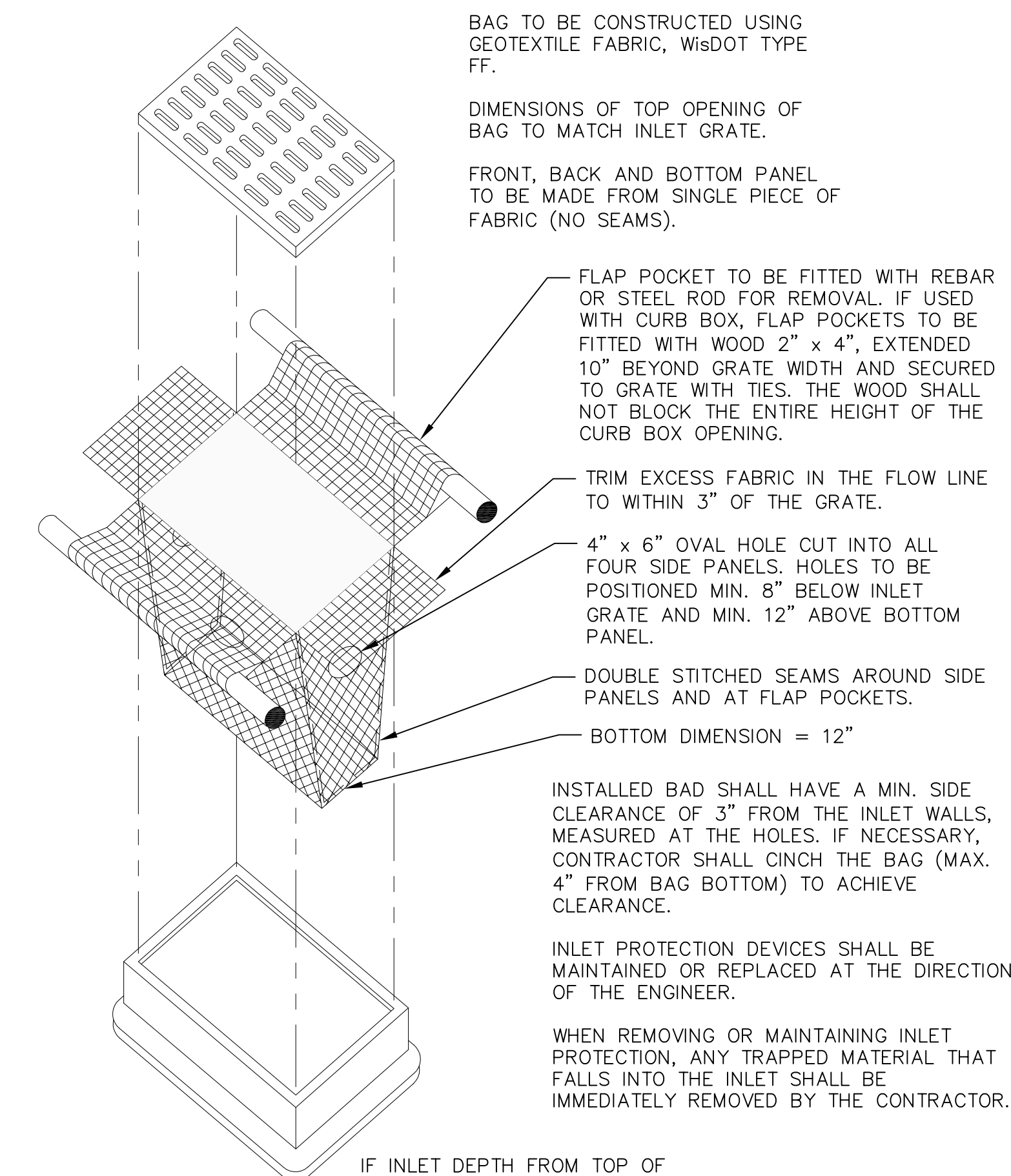
PROFILE VIEW



PLAN VIEW

- FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.
- LENGTH - MINIMUM OF 50'
- WIDTH - 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- ON SITES WITH A HIGH GROUND WATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRIC SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.
- STONE - CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.
- SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER THE PIPE. PIPE SHALL BE SIZED ACCORDING TO THE DRAINAGE REQUIREMENTS. WHEN THE ENTRANCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE SHALL NOT BE NECESSARY. THE MINIMUM PIPE DIAMETER SHALL BE 6". CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID PIPE.
- LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS AND/OR LEAVES THE CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE TRACKING PAD.

4 TRACKING PAD
NOT TO SCALE



BAG TO BE CONSTRUCTED USING GEOTEXTILE FABRIC, WISDOT TYPE FF.

DIMENSIONS OF TOP OPENING OF BAG TO MATCH INLET GRATE.

FRONT, BACK AND BOTTOM PANEL TO BE MADE FROM SINGLE PIECE OF FABRIC (NO SEAMS).

FLAP POCKET TO BE FITTED WITH REBAR OR STEEL ROD FOR REMOVAL. IF USED WITH CURB BOX, FLAP POCKETS TO BE FITTED WITH WOOD 2" X 4", EXTENDED 10" BEYOND GRATE WIDTH AND SECURED TO GRATE WITH TIES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

4" X 6" OVAL HOLE CUT INTO ALL FOUR SIDE PANELS. HOLES TO BE POSITIONED MIN. 8" BELOW INLET GRATE AND MIN. 12" ABOVE BOTTOM PANEL.

DOUBLE STITCHED SEAMS AROUND SIDE PANELS AND AT FLAP POCKETS.

BOTTOM DIMENSION = 12"

INSTALLED BAG SHALL HAVE A MIN. SIDE CLEARANCE OF 3" FROM THE INLET WALLS, MEASURED AT THE HOLES. IF NECESSARY, CONTRACTOR SHALL CINCH THE BAG (MAX. 4" FROM BAG BOTTOM) TO ACHIEVE CLEARANCE.

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, ANY TRAPPED MATERIAL THAT FALLS INTO THE INLET SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR.

IF INLET DEPTH FROM TOP OF GRATE TO BOTTOM OF INLET IS LESS THAN 30", CONTRACTOR SHALL SUBSTITUTE WISDOT TYPE C INLET PROTECTION.

5 INLET PROTECTION TYPE D
NOT TO SCALE

CONSTRUCTION SEQUENCE:

- INSTALL EROSION CONTROL MEASURES
- STRIP TOPSOIL
- ROUGH GRADE
- CONSTRUCT UNDERGROUND UTILITIES
- CONSTRUCT BUILDING
- CONSTRUCT SITE PAVEMENT
- RESTORE DISTURBED AREA
- GRADE AND RESTORE BIORETENTION BASINS
- REMOVE EROSION CONTROL MEASURES AFTER DISTURBED AREAS ARE RESTORED

SEEDING RATES:

TEMPORARY:

- USE ANNUAL OATS AT 3.0 LB./1,000 S.F. FOR SPRING AND SUMMER PLANTINGS.
- USE WINTER WHEAT OR RYE AT 3.0 LB./1,000 SF FOR FALL PLANTINGS STARTED AFTER SEPTEMBER 15.

PERMANENT:

- USE WISCONSIN D.O.T. SEED MIX #40 AT 2 LB./1,000 S.F.

FERTILIZING RATES:

TEMPORARY AND PERMANENT:

- USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

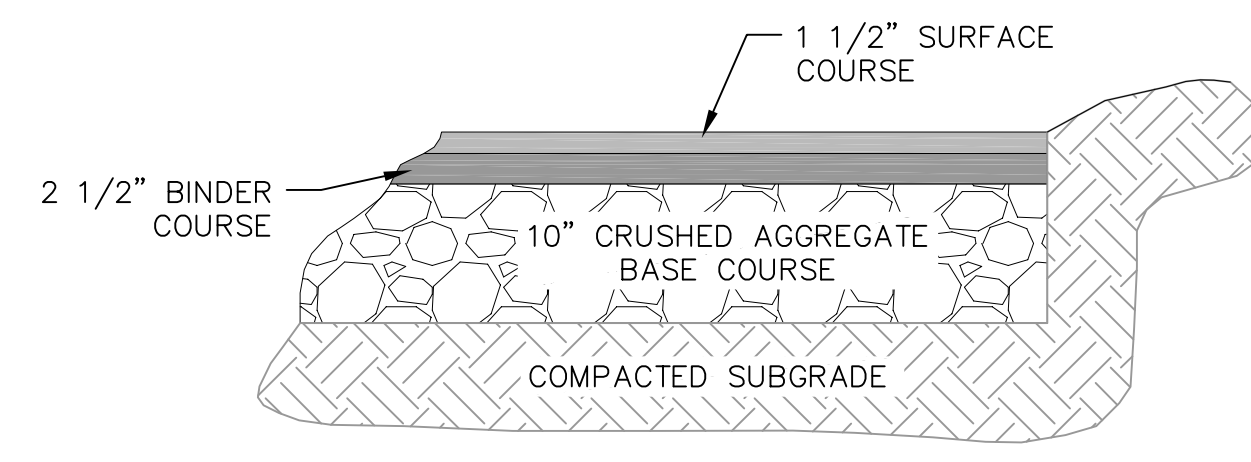
MULCHING RATES:

TEMPORARY AND PERMANENT:

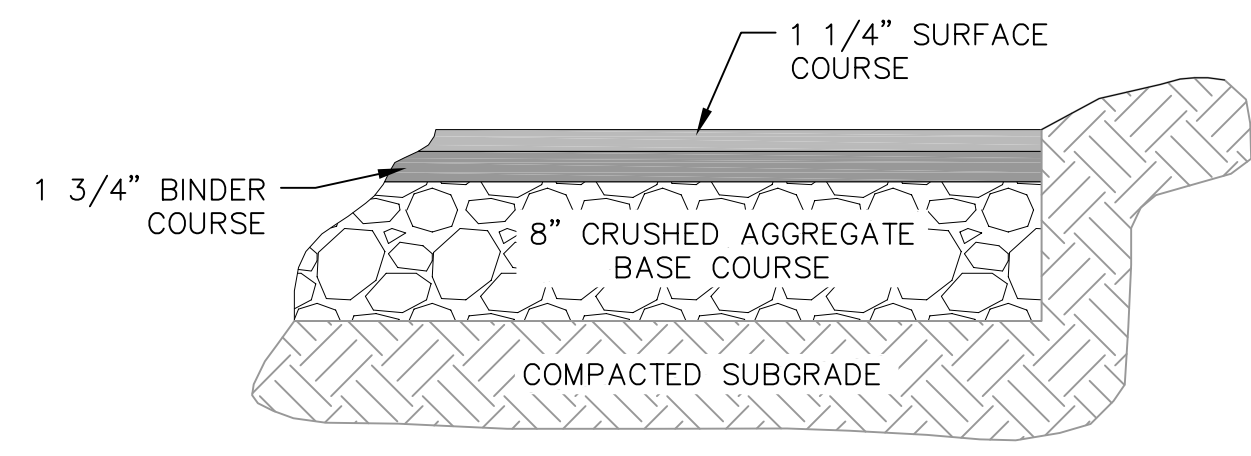
- USE 1/2" TO 1-1/2" STRAW OR HAY MULCH, CRIMPED PER SECTION 607.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION

NO.	DATE	REVISIONS	REMARKS

DATE	8/15/2025
DRAFTER	EKAA
CHECKED	JZAM
PROJECT NO.	170229

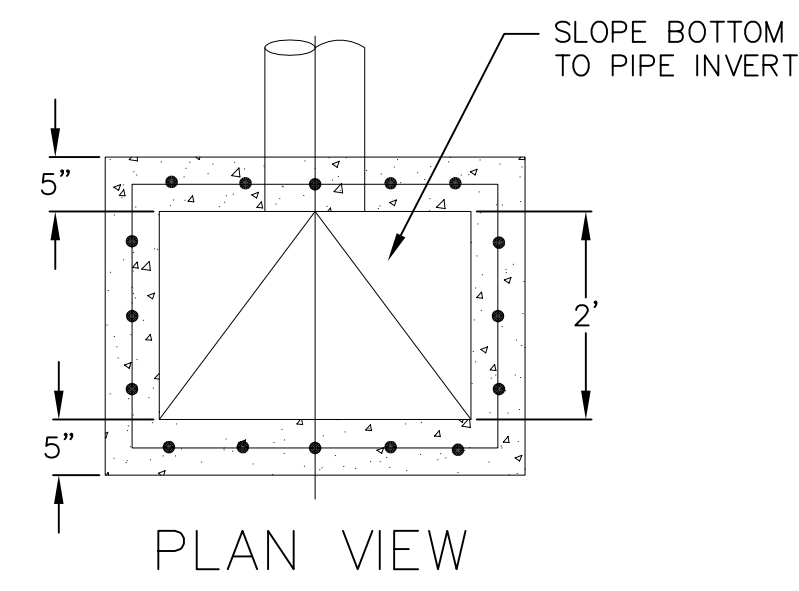


BITUMINOUS PAVEMENT DRIVES

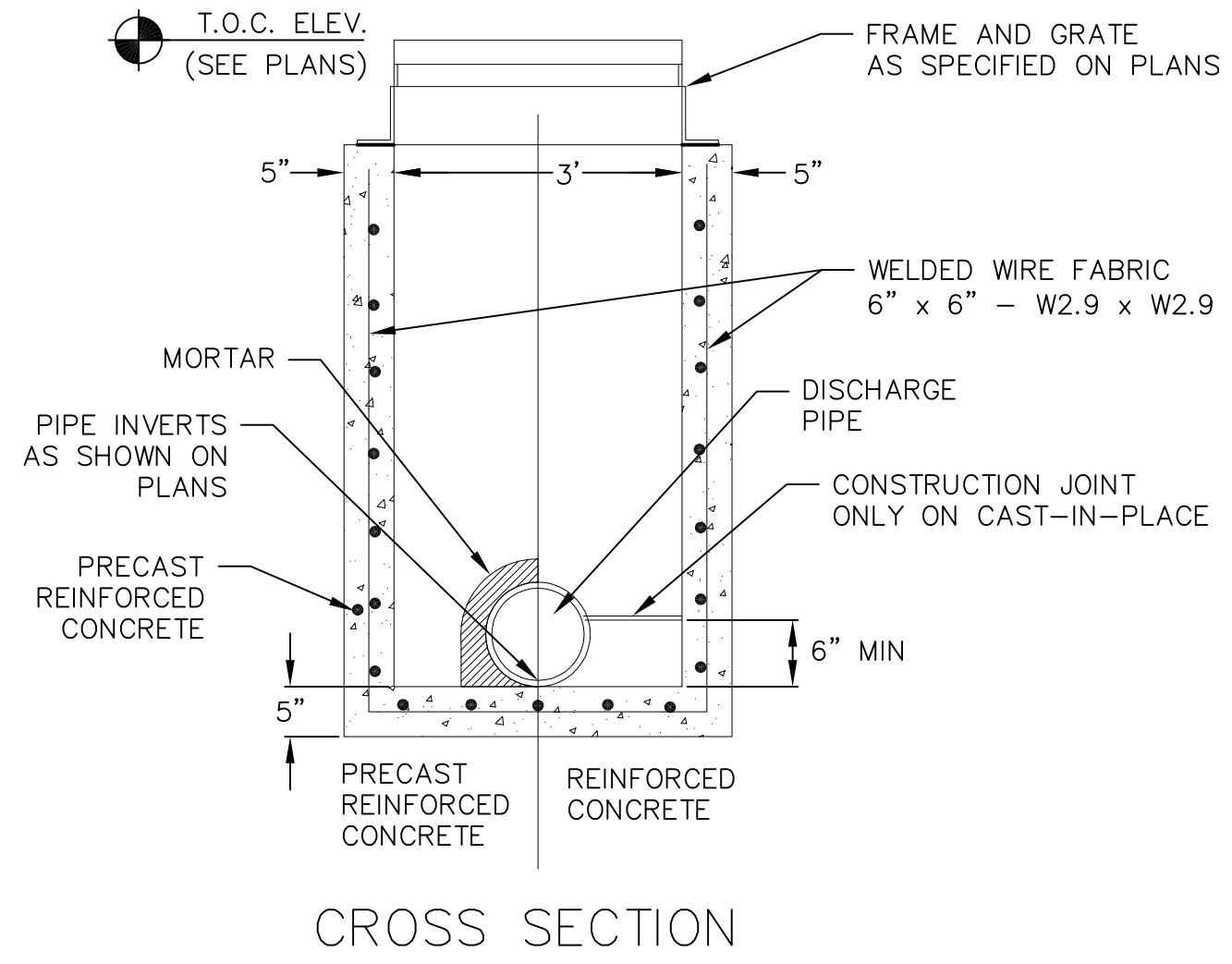


BITUMINOUS PAVEMENT PARKING LOT

1 SITE PAVEMENT NOT TO SCALE

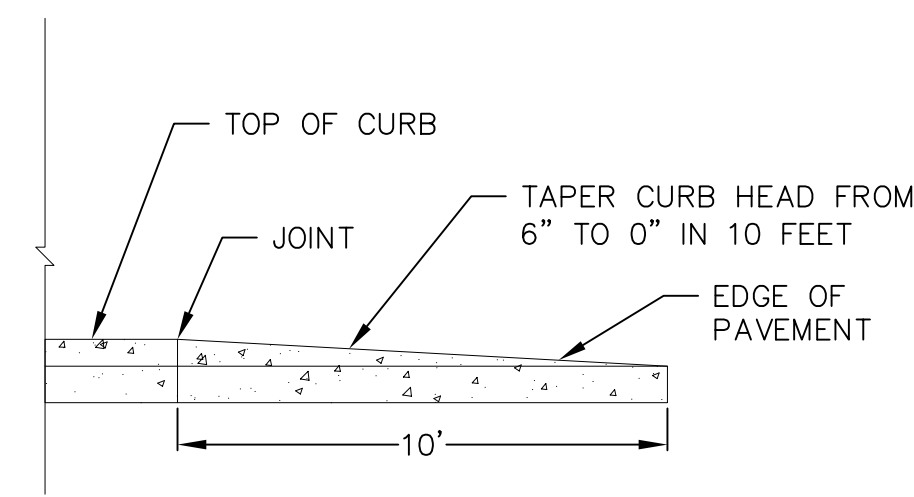


PLAN VIEW



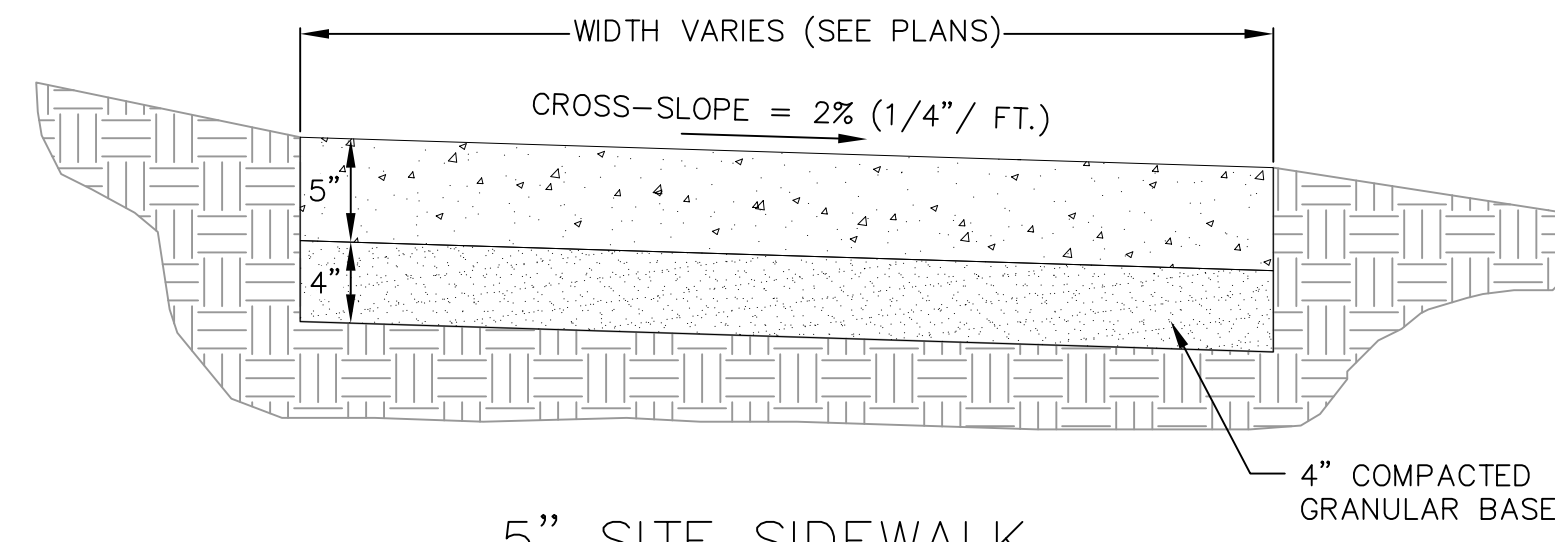
CROSS SECTION

2 CURB INLET - TYPE 3, 2' x 3' BASIN NOT TO SCALE

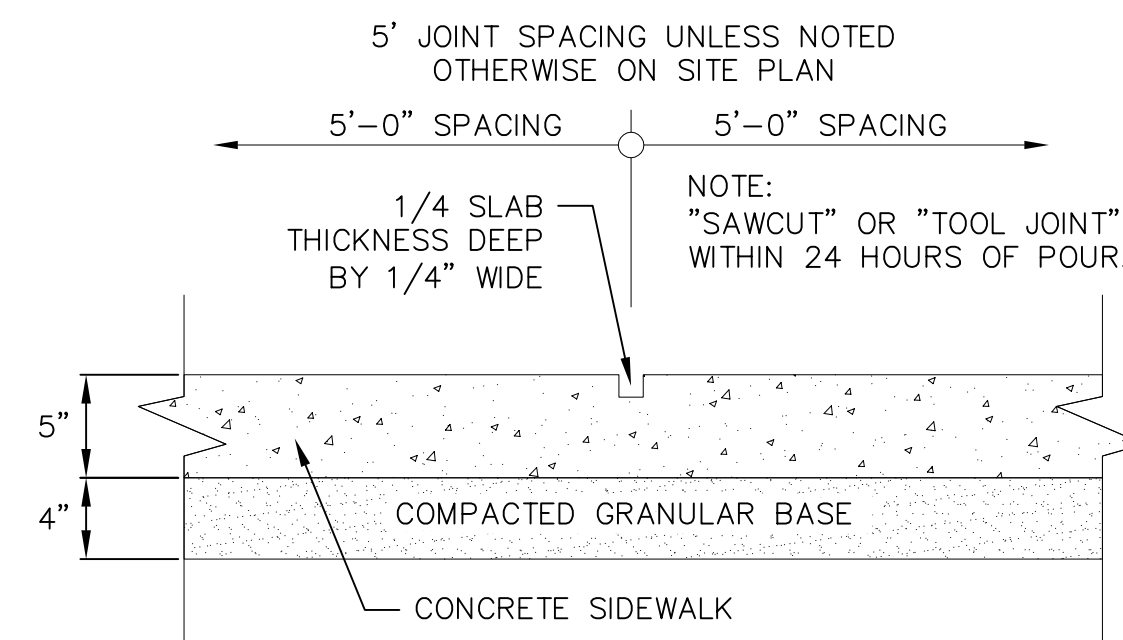


PROFILE VIEW

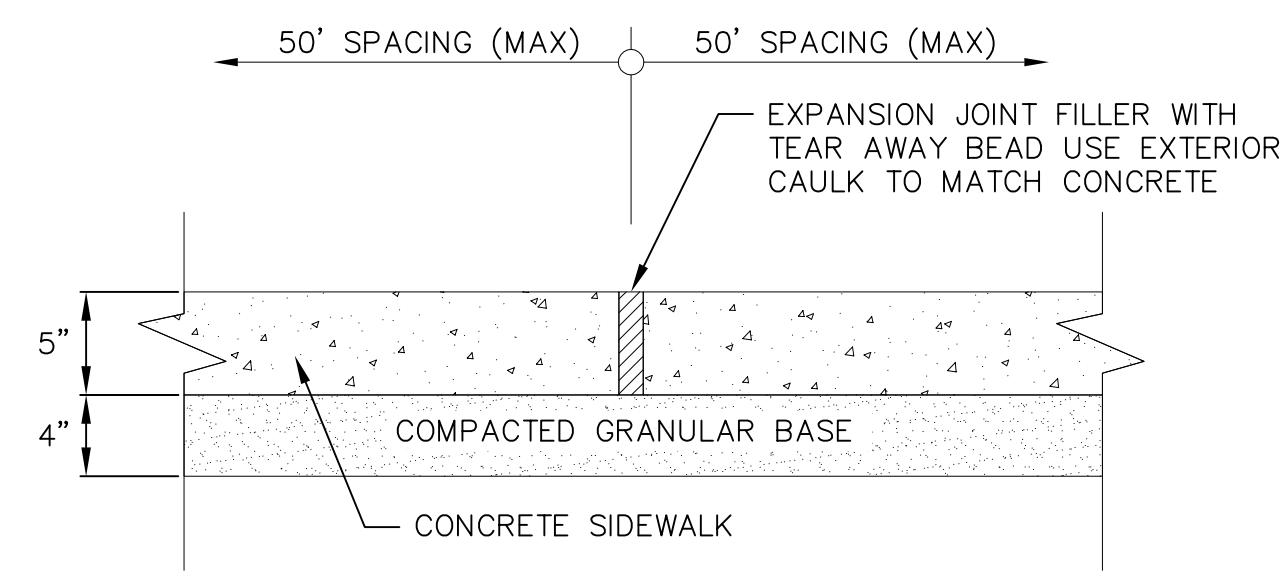
3 CURB & GUTTER TERMINATION NOT TO SCALE



5" SITE SIDEWALK

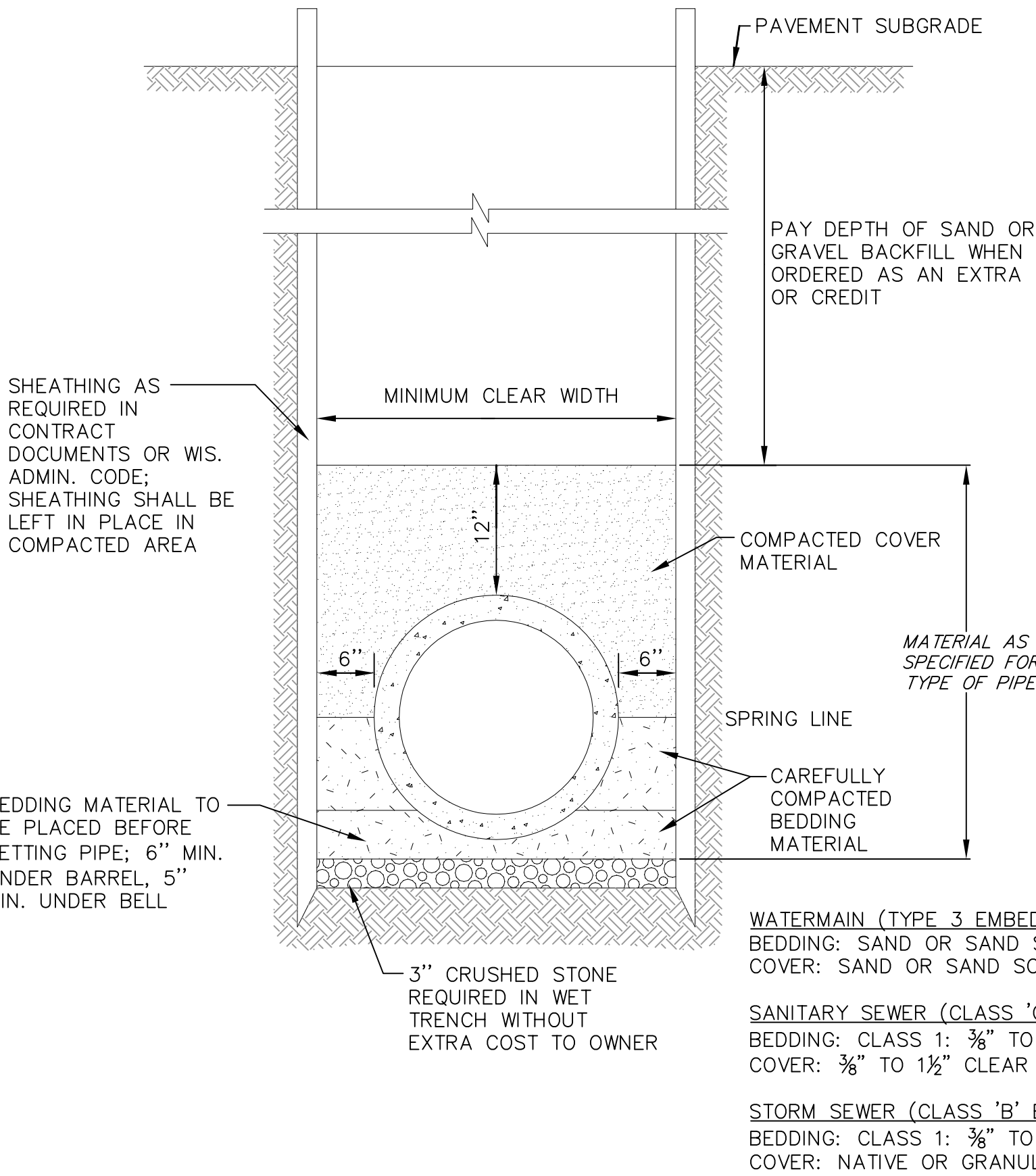


SIDEWALK CONTROL JOINT

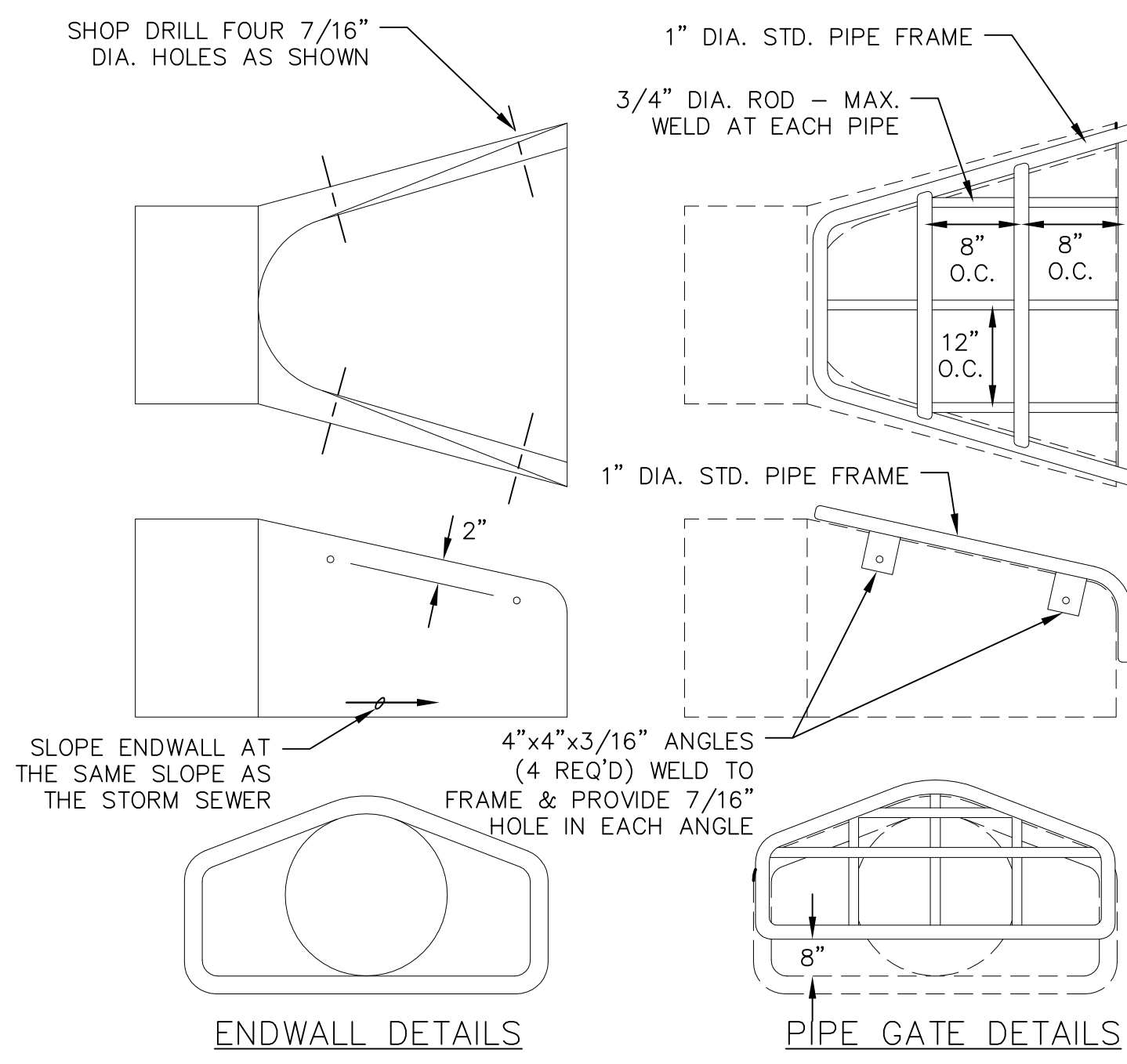


SIDEWALK EXPANSION JOINT

4 5" SIDEWALK NOT TO SCALE



5 STANDARD TRENCH SECTION NOT TO SCALE



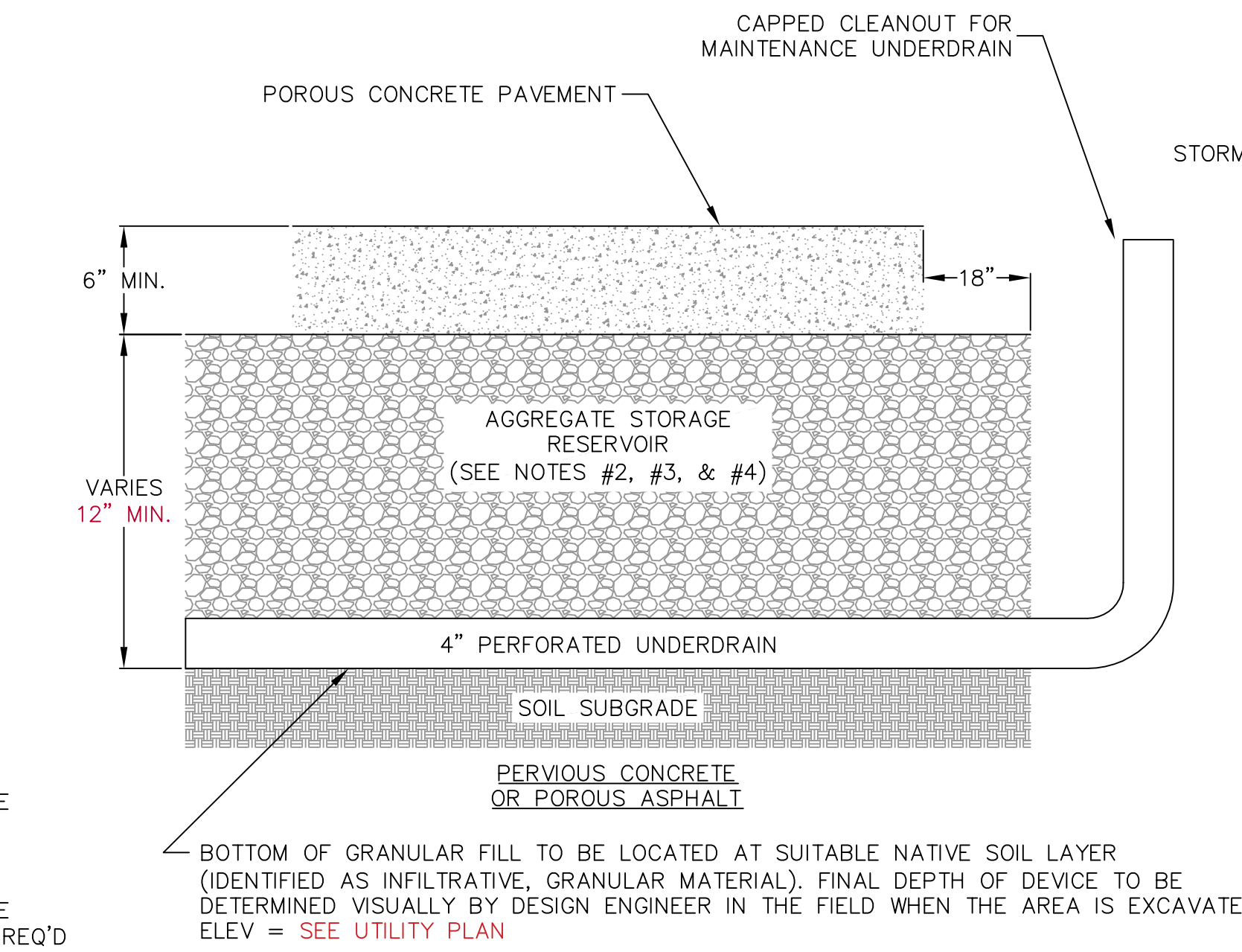
NOTES: - THE CONTRACTOR SHALL BOLT THE PIPE GATE TO THE CONCRETE ENDWALL WITH FOUR 3/8" X 16" MACHINE BOLTS WITH NUTS ON INSIDE WALL. - THE CONTRACTOR SHALL PROVIDE JOINT TIES ON STORM SEWER INFALL AND OUTFALL PIPES. TIE THE ENDWALL AND THE LAST 2 PIPE SECTIONS.

PAINTING SPECIFICATIONS: - THE PIPE GATE SHALL RECEIVE THE FOLLOWING PREPARATION & PAINTING. THE FIRST COAT SHALL BE RUS-OLEUM X-60 RED BARE METAL PRIMER OR APPROVED EQUAL. THE SECOND COAT SHALL BE RUS-OLEUM 960 ZINC CHROMATE PRIMER OR APPROVED EQUAL. THE THIRD COAT SHALL BE RUS-OLEUM 1282 HIGH GLOSS METAL FINISH OR APPROVED EQUAL.

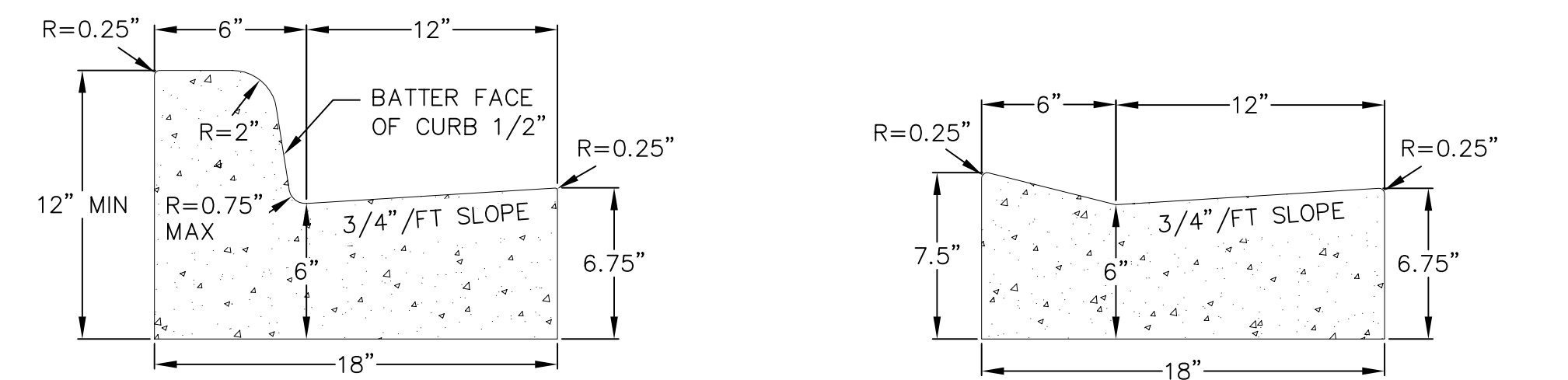
PREPARATION STEPS: 1. BARE METAL SURFACES - TREAT WITH THE THREE-COAT PAINTING SYSTEM LISTED AFTER A THOROUGH SCRAPING, WIRE BRUSHING & CLEANING. 2. EACH COAT OF PAINT SHALL BE APPLIED OVER THE ENTIRE GATE SURFACE. 3. ALLOW 24-48 HOURS DRYING TIME AT 60° OR ABOVE BETWEEN COATS.

6 STANDARD ENDWALL NOT TO SCALE

- NOTES: 1. PERMEABLE PAVEMENT SHOULD BE DESIGNED & INSTALLED PER WDR TECHNICAL STANDARD 100B. 2. PAVEMENT SURFACE PERCENT VOIDS SHALL BE LESS THAN 25%. 3. AGGREGATE STORAGE RESERVOIR DEPTH SHALL BE A MINIMUM OF 12 INCHES. 4. AGGREGATE STORAGE RESERVOIR SHALL BE OPEN-GRADED BASE CONSISTING OF CRUSHED STONE OR CRUSHED GRAVEL PER WISDOT STANDARD SPECIFICATIONS SECTION 301, WITH NO GREATER THAN 5% PASSING THE NO. 200 SIEVE. PROVIDE A MINIMUM POROSITY OF 30% PER ASTM C29. 5. UNDERDRAINS CAN BE LOCATED WITHIN OR BELOW THE AGGREGATE STORAGE RESERVOIR. UNDERDRAINS (OR EQUIVALENT) ARE TO BE INSTALLED. 6. PERMEABLE PAVEMENT SHALL BE DESIGNED PER WDR CONSERVATION PRACTICE STANDARDS (100B) AND WISCONSIN ASPHALT PAVEMENT ASSOCIATION STANDARDS. 7. AGGREGATE STORAGE LAYER EXTENDS 18" BEYOND ENTIRE PERIMETER OF POROUS PAVEMENT FOOTPRINT. 8. 4" PERFORATED UNDERDRAIN TO BE INSTALLED AT THE BOTTOM OF THE STORAGE LAYER FOR MAINTENANCE PURPOSES. UNDERDRAIN RISER SHOULD BE EXTENDED ABOVEGROUND WITH A SECURED CAPPED.

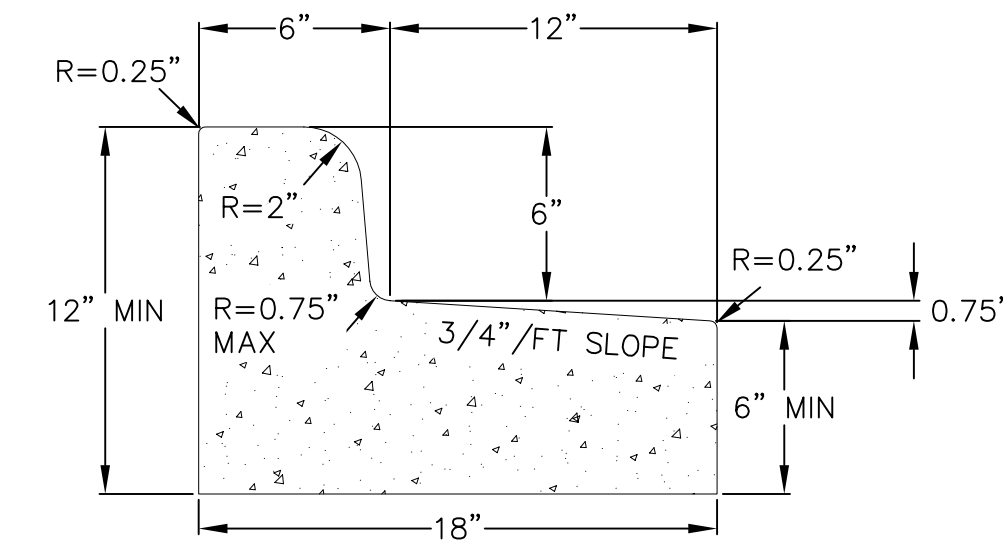


7 PERMEABLE PAVEMENT NOT TO SCALE

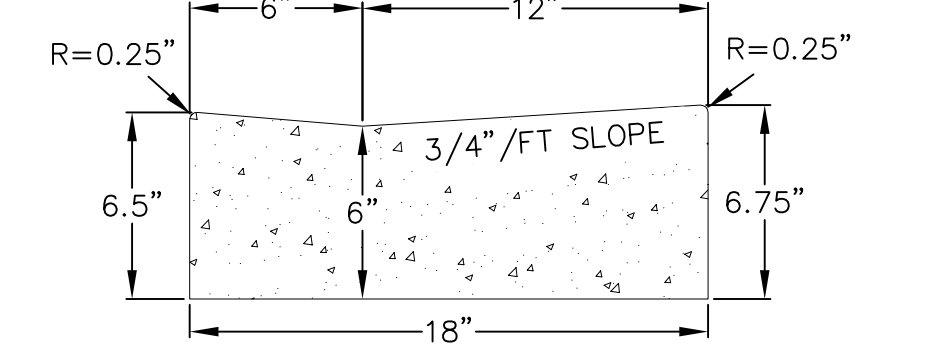


CURB AND GUTTER CROSS SECTION

DRIVEWAY GUTTER CROSS SECTION

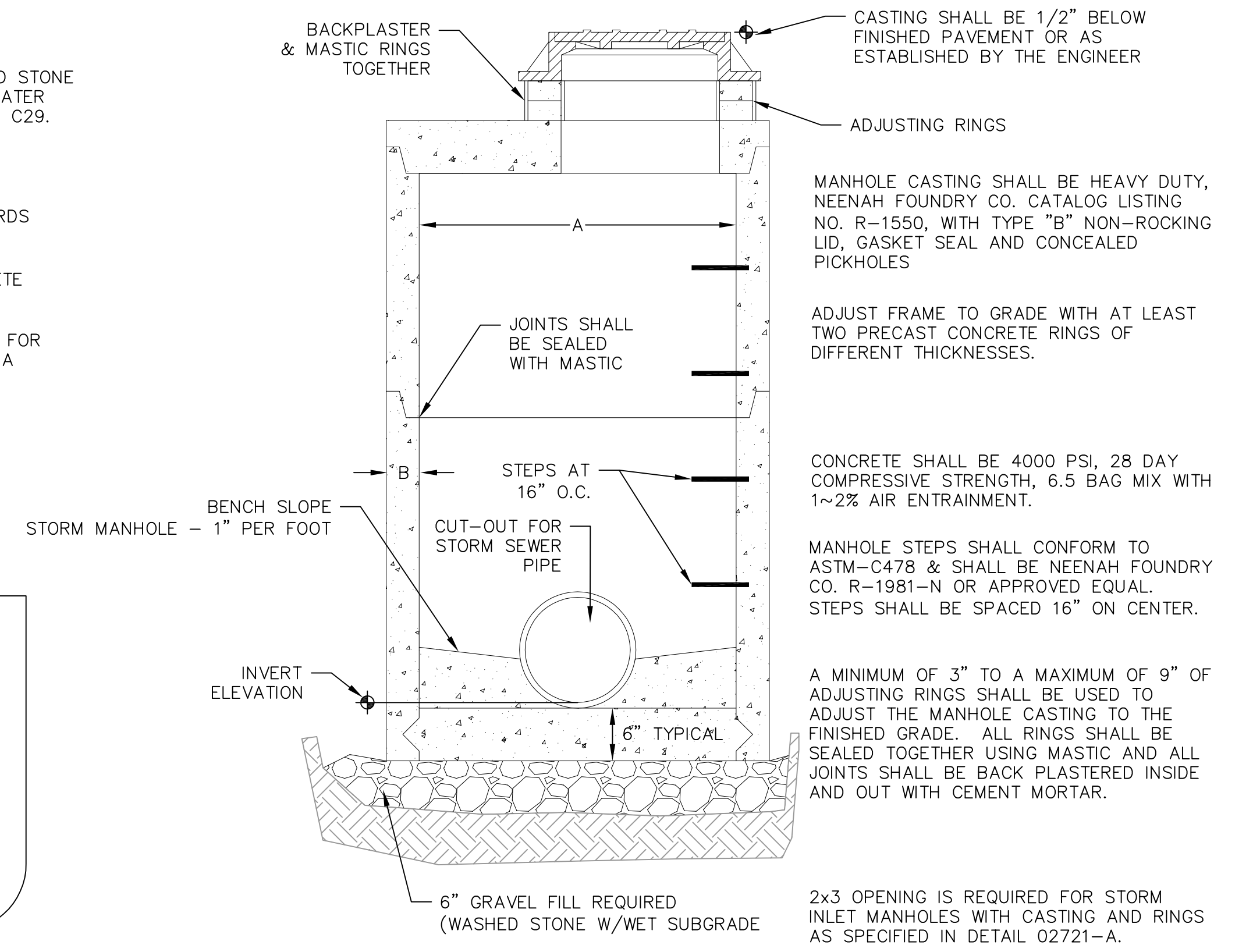


CURB AND GUTTER REJECT SECTION



HANDICAP RAMP GUTTER CROSS SECTION

8 18" CONCRETE CURB AND GUTTER NOT TO SCALE



STORM MANHOLE DIMENSIONS

Table with 3 columns: Manhole Size, Dimension A, Dimension B (Min.). Rows include sizes 48 inch, 60 inch, 72 inch, 84 inch, and 96 inch.

9 STORM SEWER MANHOLE NOT TO SCALE

NOT FOR CONSTRUCTION

Table with 3 columns: NO., DATE, REVISIONS. Includes a date of 8/15/2025 and drafter EKAA.

GENERAL NOTES

- A) Areas labeled "Red B Processed Mulch" to receive a mixture of recycled wood mulch, un-dyed, spread to a 3" depth over pre-emergent herbicide.
- B) Individual trees (and shrub groupings) found along perimeter of property as well as those found within lawn areas to receive Red B Processed Mulch rings consisting of a mixture of recycled wood mulch, un-dyed, spread to a minimum 3" depth (3' wide beds for shrub groupings).
- C) "Vinyl Edging" to be Valley View Black Diamond Vinyl Edging or equivalent.
- D) Areas labeled "Washed Stone" to receive 1-1/2" Washed Stone spread to a 3" depth over fabric weed barrier.
- E) Areas labeled "Eau Claire Stone" to receive 1-1/2" Eau Claire Stone spread to a 3" depth over fabric weed barrier.
- F) Areas labeled "Compost Blanket Seed" shall receive the following:
 1. Grade area to approximately 4" below finish grade.
 2. Spread topsoil to within 1" of finish grade.
 3. Compost is applied uniformly to entire area at 1" depth. Seed, water-holding polymer and starter fertilizer are incorporated into compost layer.
- G) "Compost Blanket Seed" areas shall be seeded at a rate of 4 lbs. per 1,000 sq. ft., polymer applied at 3 lbs. per 1,000 sq. ft. and starter fertilizer applied at 4 lbs. per 1,000 sq. ft.
- H) "Seed" areas shall be finish-graded and seeded at a rate of 4 lbs. per 1,000 sq. ft.
- I) Seed shall consist of the following mixture:
 - 10% Palmer IV Perennial Ryegrass
 - 20% Dragon Kentucky Bluegrass
 - 20% Diva Kentucky Bluegrass
 - 20% Foxy II Creeping Red Fescue
 - 15% Vail II Perennial Ryegrass
 - 15% Ginney Kentucky Bluegrass
- J) Areas labeled "Seed/Mat" shall be seeded with the above-noted premium lawn seed mixture and overlaid with DS75 straw erosion control netting that is then pegged into the soil with metal staples.
- K) Plant beds in parking islands and adjacent to building foundation to be mulched with 1-1/2" diameter washed stone mulch spread to a 3" depth over fabric weed barrier.

BIO-RETENTION / INFILTRATION DEVICE PLANT LIST

Quantity Common Name Scientific Name Planting Size Plant Spacing
(Total Basin Area = 1,450 SF)
(Planting schedule based on 12" on center spacing)

GRASSES AND SEDGES

128	VIRGINIA WILD RYE	ELYMUS VIRGINICUS	2.5" POT	12" O.C. Rect. Spacing
128	SWITCH GRASS	PANICUM VIRGATUM	2.5" POT	12" O.C. Rect. Spacing
128	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	2.5" POT	12" O.C. Rect. Spacing
128	INDIAN GRASS	SORGHASTRUM NUTANS	2.5" POT	12" O.C. Rect. Spacing
128	FOX SEDGE	CAREX VULPINOIDEA	2.5" POT	12" O.C. Rect. Spacing

FORBS

64	NEW ENGLAND ASTER	ASTER NOVAE-ANGLIAE	2.5" POT	12" O.C. Rect. Spacing
64	PRAIRIE BLAZING STAR	LIATRIS PYCNOSTACHYA	2.5" POT	12" O.C. Rect. Spacing
64	FALSE SUNFLOWER	HELIOPSIS HELIANTHOIDES	2.5" POT	12" O.C. Rect. Spacing
128	WILD IRIS	IRIS VIRGINIANA SHREVEI	2.5" POT	12" O.C. Rect. Spacing
64	CARDINAL FLOWER	LOBELIA CARDINALIS	2.5" POT	12" O.C. Rect. Spacing
64	BERGAMOT	MONARDA FISTULOSA	2.5" POT	12" O.C. Rect. Spacing
64	SWEET BLACK-EYED SUSAN	RUDBECKIA SUBTOMENTOSA	2.5" POT	12" O.C. Rect. Spacing
64	STIFF GOLDENROD	SOLIDAGO RIGIDA	2.5" POT	12" O.C. Rect. Spacing
64	IRONWEED	VERONIA FASCICULATA	2.5" POT	12" O.C. Rect. Spacing
64	BLUE LOBELIA	LOBELIA SIPHILITICA	2.5" POT	12" O.C. Rect. Spacing
64	MARSH MILKWEED	ASCLEPIAS INCARNATA	2.5" POT	12" O.C. Rect. Spacing
64	JOE PYE WEED	EUTROCHUM PURPUREUM	2.5" POT	12" O.C. Rect. Spacing

Plants List - Ground Level

Number	Abbreviation	Species	Common Name	Pot Size	Symbol
3	FFM	Acer Saccharum 'bailista'	Fall Fiesta Sugar Maple	2" B&B	☉
5	CHB	Celtis Occidentalis 'chicagoland'	Chicagoland Hackberry	2" B&B	☉
3	NPOA	Quercus Ellipsoidalis	Northern Pin Oak	2" B&B	☉
5	CSO	Quercus X Bimundorum 'crimschmidt'	Crimson Spire Oak	2" B&B	☉

Number	Abbreviation	Species	Common Name	Pot Size	Symbol
9	IBBC	Aronia Melanocarpa 'morton'	Iroquois Beauty Black Chokeberry	#3 CONT.	☉
8	FD	Cornus Sericea 'bailadeline'	Firedance Dogwood	#2 CONT.	☉
4	BBH	Hydrangea Macro 'blushing Bride'	Blushing Bride Hydrangea	#2 CONT.	☉
10	SBSH	Hydrangea Paniculata 'rensun'	Strawberry Sundae Hydrangea	#5 CONT.	☉
11	AJN	Physocarpus Opulifolius 'jefam'	Amber Jubilee Ninebark	#5 CONT.	☉

Number	Abbreviation	Species	Common Name	Pot Size	Symbol
10	EA	Thuja Occidentalis 'smaragd'	Emerald Arborvitae	6' B&B	☉

Number	Abbreviation	Species	Common Name	Pot Size	Symbol
27	BFH	Agastache 'blue Fortune'	Blue Fortune Anise Hyssop	45 CONT.	☉
30	SBA	Allium 'summer Beauty'	Summer Beauty Onion	#1 CONT.	☉
9		Astilbe Chinensis 'vision In Pink'	Vision In Pink Astilbe	#1 CONT.	☉
18	PCF	Echinacea Purpurea	Purple Coneflower	#1 CONT.	☉
13	SSG	Panicum Virgatum 'shenandoah'	Shenandoah Switch Grass	#1 CONT.	☉
11	CCPH	Phlox Paniculata 'ditromfav'	Cotton Candy Phlox	#1 CONT.	☉
8	BLP	Phlox Paniculata Luminary 'backlight'	Backlight Garden Phlox	#1 CONT.	☉
27	GBES	Rudbeckia Ful Var Sullivan 'goldsturm'	Goldsturm Black-Eyed Susan	#1 CONT.	☉
10	BTF	Salvia 'back To The Fuchsia'	Back To The Fuchsia Sage	#1 CONT.	☉
23	LBS	Schizachyrium Scoparium	Little Bluestem	#1 CONT.	☉
47	PRD	Sporobolus Heterolepis	Prairie Dropseed	#1 CONT.	☉

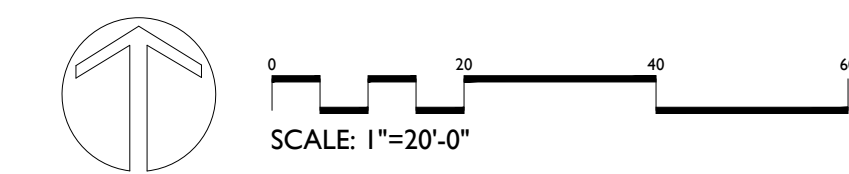


SYMBOL LEGEND

- ☐ Downspout
- ⊕ Electric Meter
- ⊖ Electric Outlet
- ⊕ Gas Meter
- ⊖ Hose Bib
- ⊕ Phone/Cable
- ⊖ Sump Drain
- ⊕ Siding Drop
- ⊖ Vent
- ⊕ Building Light
- ☉ Access Cover
- ☉ Condenser
- ☉ Drain
- ☉ Fire Hydrant
- ☉ Light Pole
- ☉ Located Stake
- ☉ Mailbox
- ☉ Pipe
- ☉ Post
- ☉ Landscape Light
- ☉ Satellite Dish
- ☉ Stump
- ☉ Transformer
- ☉ Utility Pedestal
- ☉ Utility Pole
- ☉ Valve
- ☉ Well
- + (100.00) Existing Elevation
- + 100.00 Proposed Elevation



Richard J. Strohmenger



Checked By: ----
Drawn By: HC 8/25/25

Revised:
Revised:
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Revised:

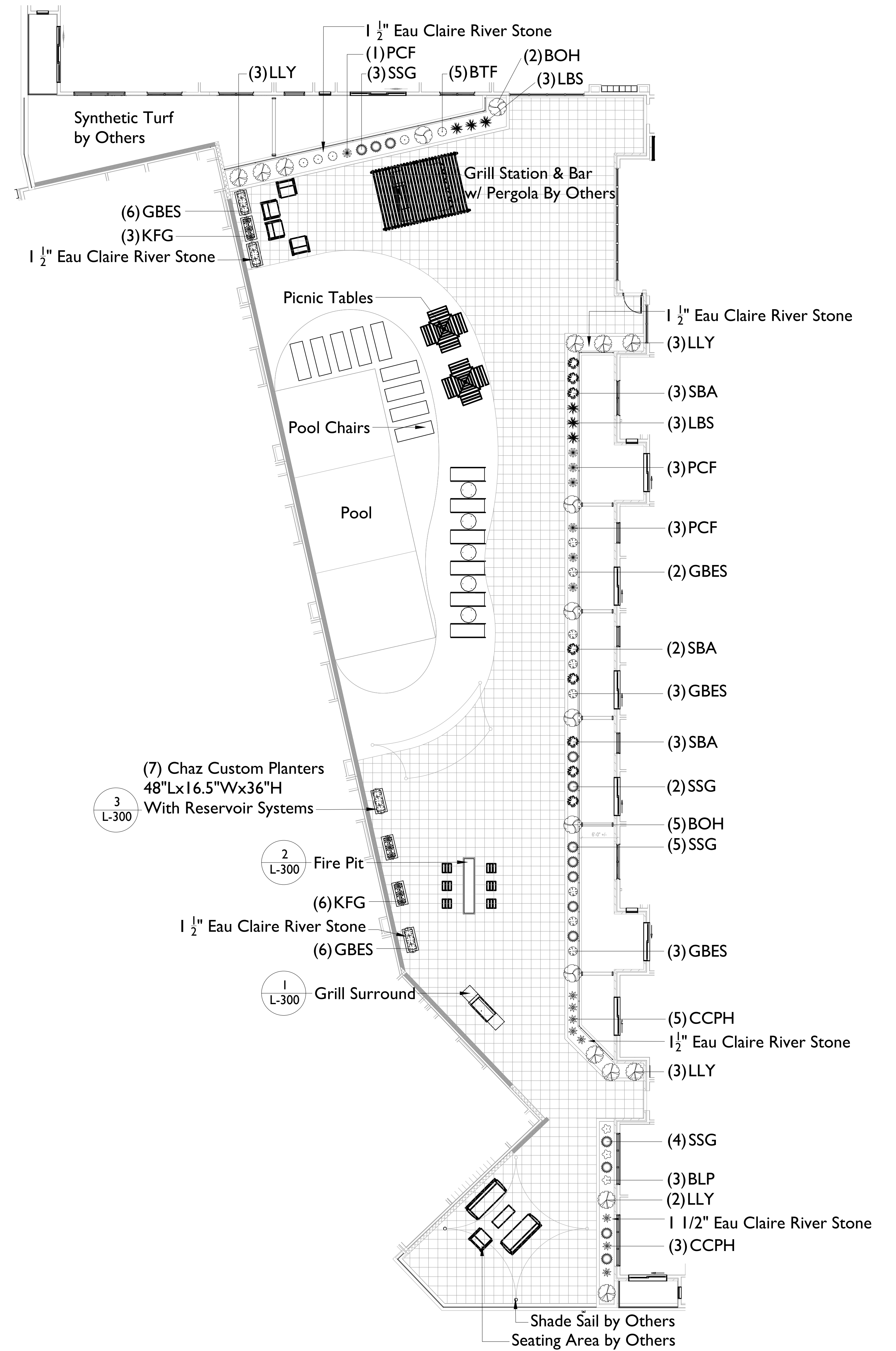
Plants List - Courtyard

Shrubs-03

Number	Abbreviation	Species	Common Name	Pot Size	Symbol
7	BOH	Hydrangea Paniculata 'ilvobo'	Bobo Hardy Hydrangea	#3 CONT.	
11	LYB	Hydrangea Paniculata 'jane'	Little Lime Hydrangea	#3 CONT.	

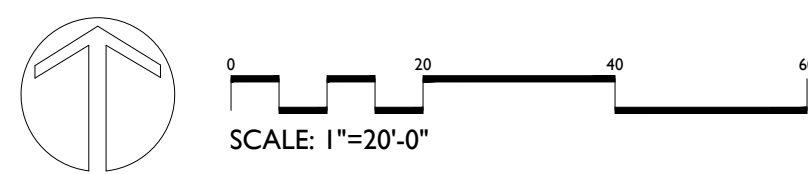
Perennials-11

Number	Abbreviation	Species	Common Name	Pot Size	Symbol
8	SBA	Allium 'summer Beauty'	Summer Beauty Onion	#1 CONT.	
9	KFG	Calamagrostis Acutiflora 'karl Foerster'	Karl Foerster's Feather Reed G	#1 CONT.	
7	PCF	Echinacea Purpurea	Purple Coneflower	#1 CONT.	
14	SSG	Panicum Virgatum 'shenandoah'	Shenandoah Switch Grass	#1 CONT.	
8	CCPH	Phlox Paniculata 'ditomfav'	Cotton Candy Phlox	#1 CONT.	
3	BLP	Phlox Paniculata Luminary 'backlight'	Backlight Garden Phlox	#1 CONT.	
20	GBES	Rudbeckia Ful Var Sullivan 'goldsturm'	Goldsturm Black-Eyed Susan	#1 CONT.	
5	BTF	Salvia 'back To The Fuchsia'	Back To The Fuchsia Sage	#1 CONT.	
6	LBS	Schizachyrium Scoparium	Little Bluestem	#1 CONT.	



SYMBOL LEGEND

Downspout	Access Cover	Satellite Dish
Electric Meter	Condenser	Stump
Electric Outlet	Drain	Transformer
Gas Meter	Fire Hydrant	Utility Pedestal
Hose Bib	Light Pole	Utility Pole
Phone/Cable	Located Stake	Valve
Sump Drain	Mailbox	Well
Siding Drop	Pipe	+ (100.00) Existing Elevation + 100.00 Proposed Elevation
Vent	Post	
Building Light	Landscape Light	

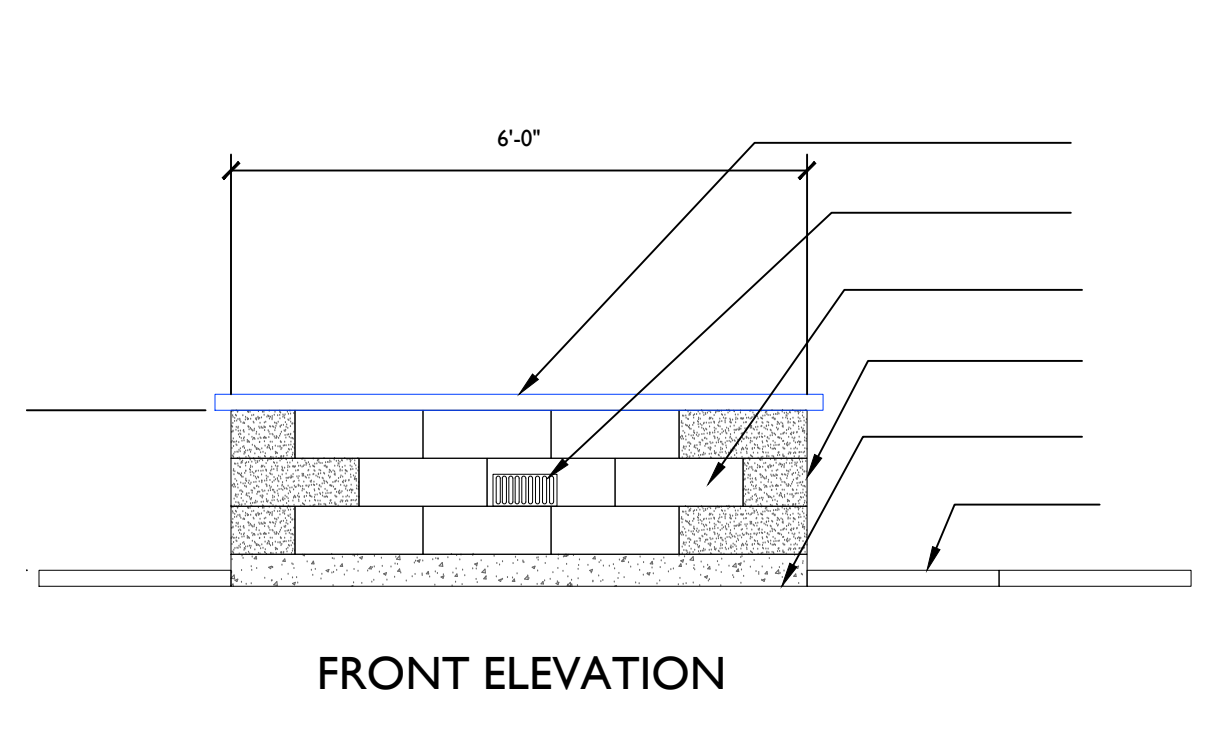
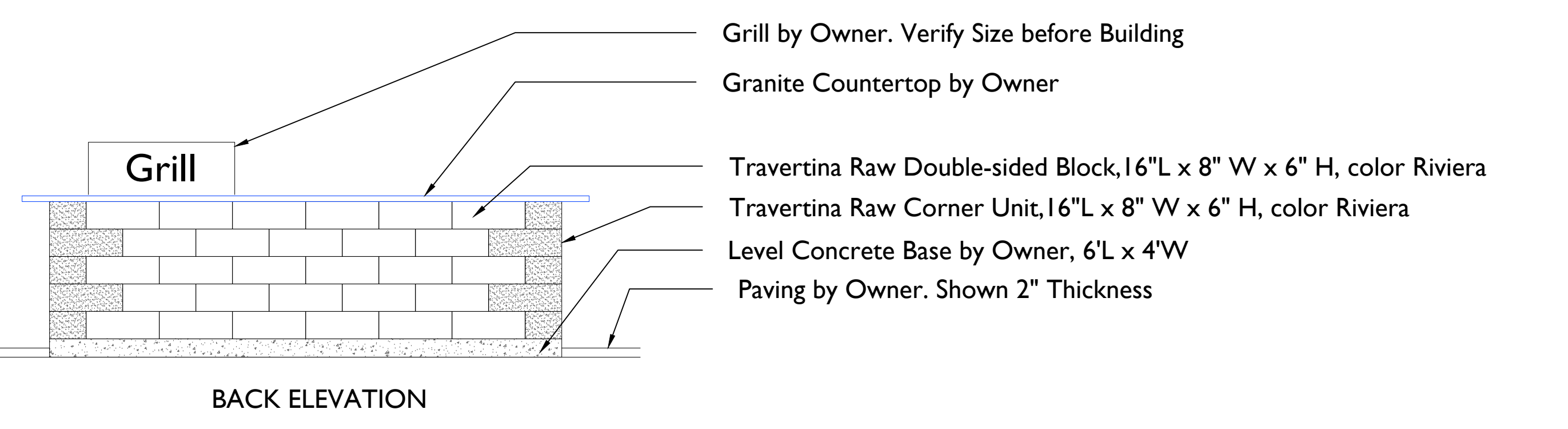


Checked By: ----
 Drawn By: HC 8/25/25

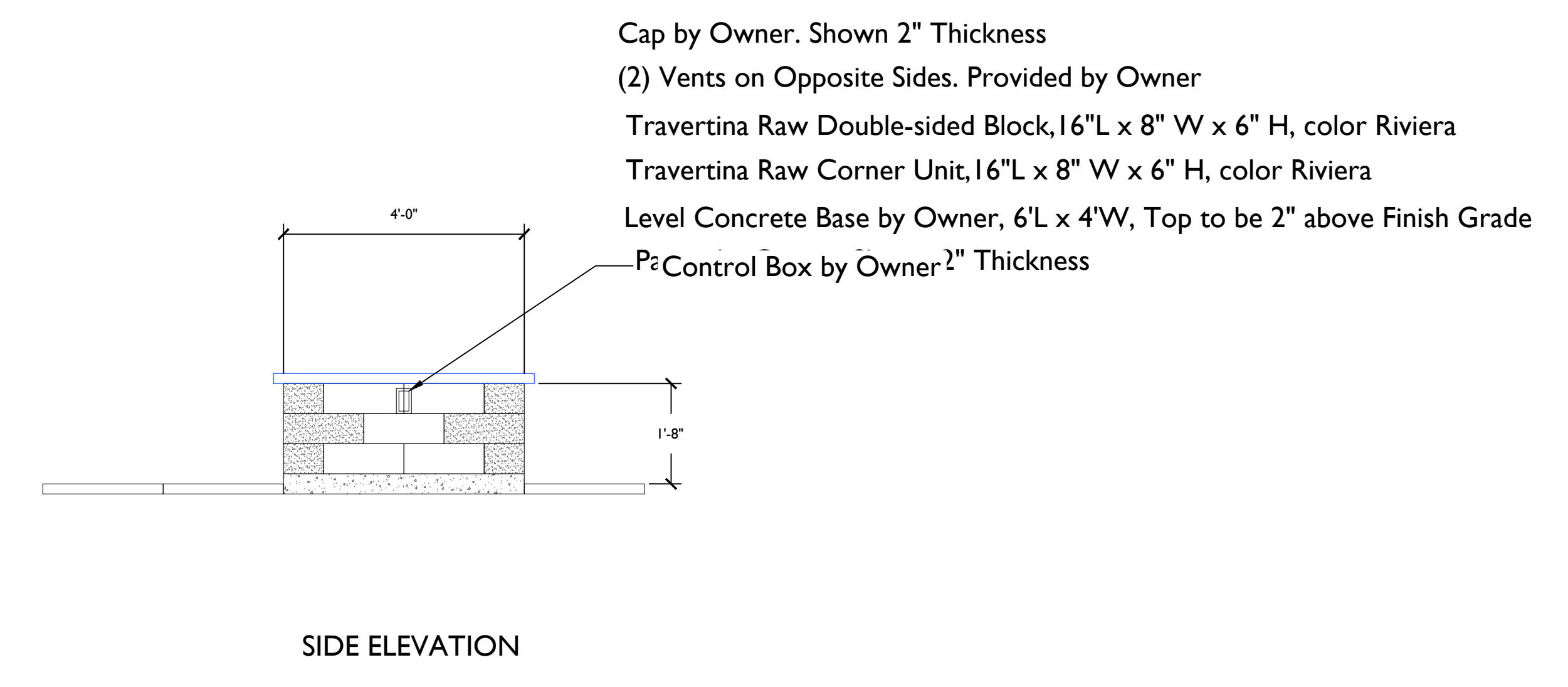
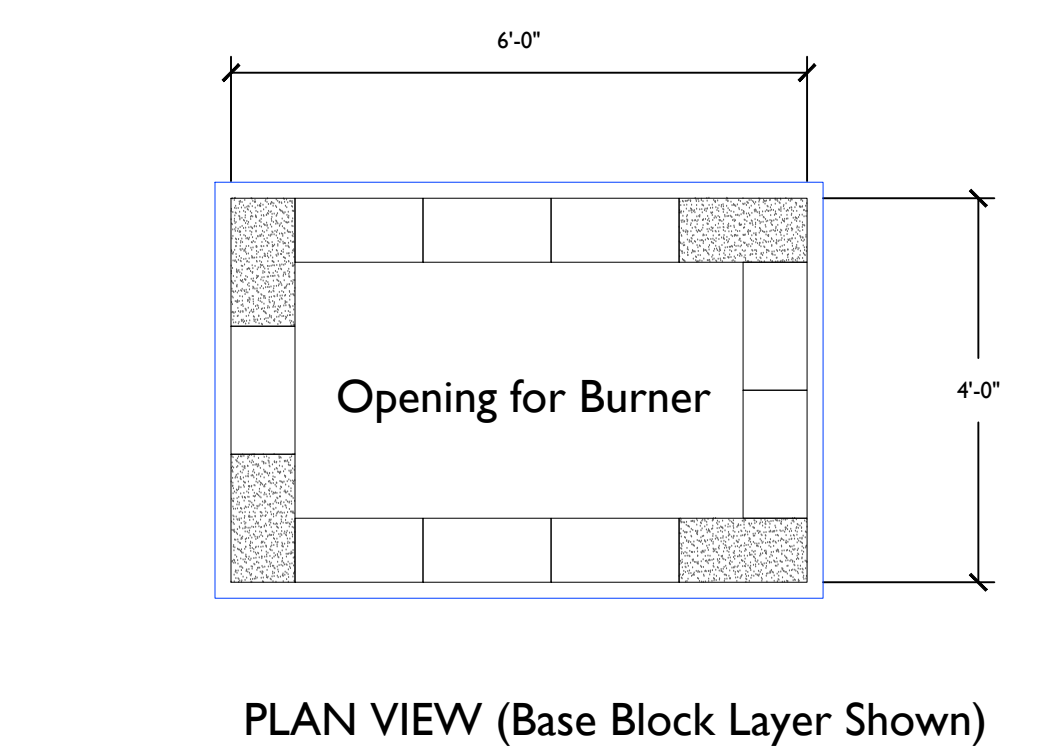
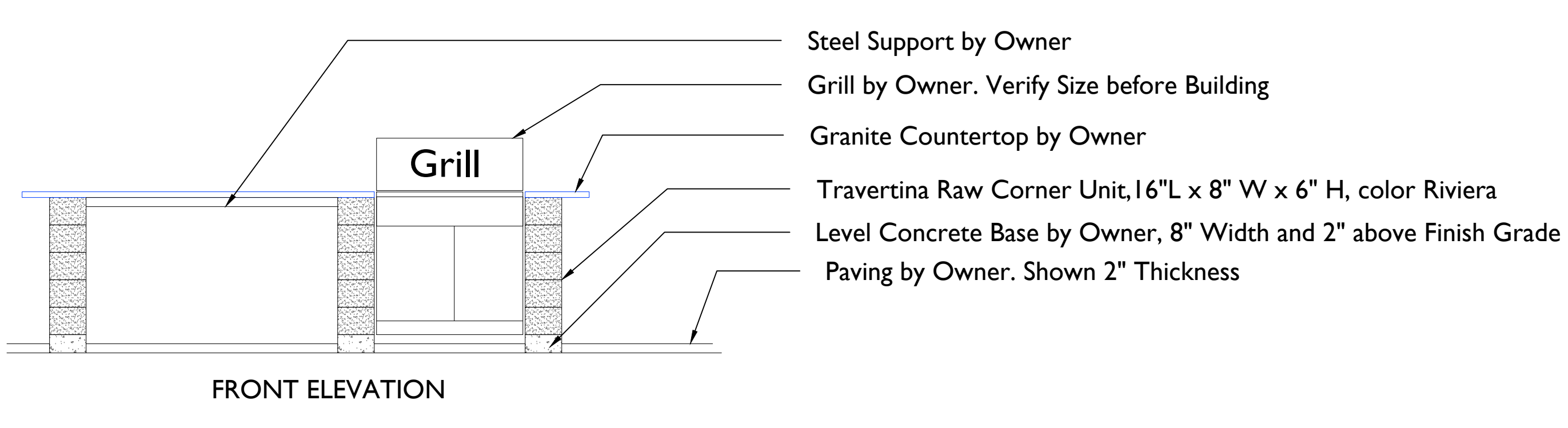
Revised:
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L200

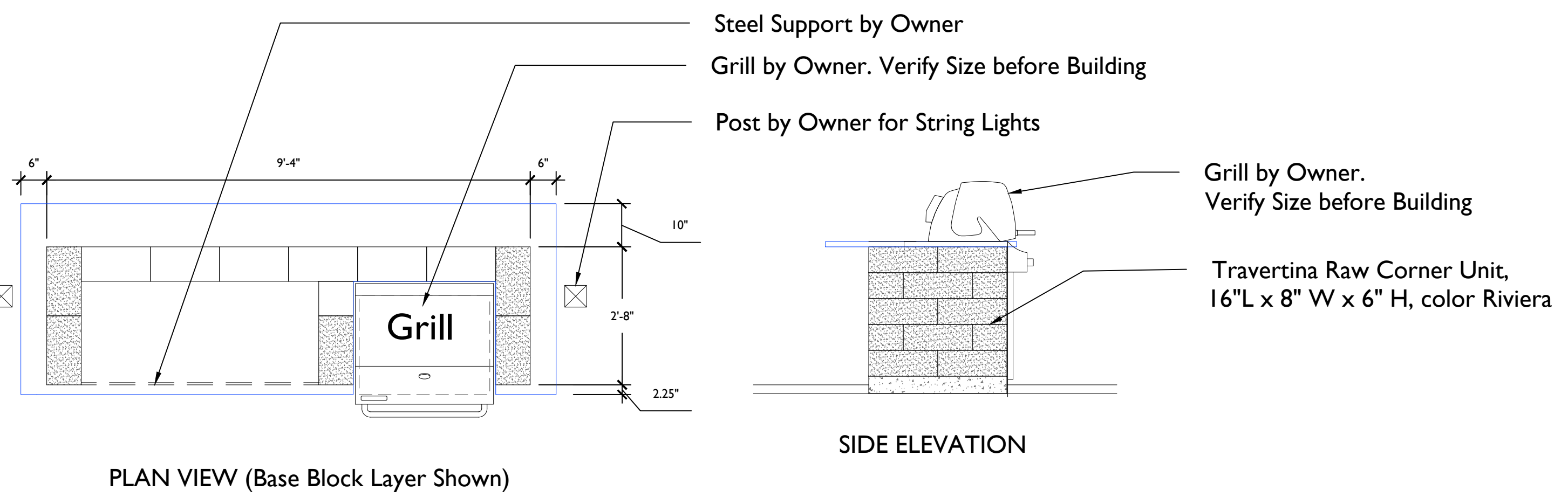
This plan made exclusively for the particular site shown. It remains the property of The Bruce Company of Wisconsin, Inc. and may not be reproduced by any means in whole or part by any method without prior written consent of The Bruce Company of Wisconsin, Inc.



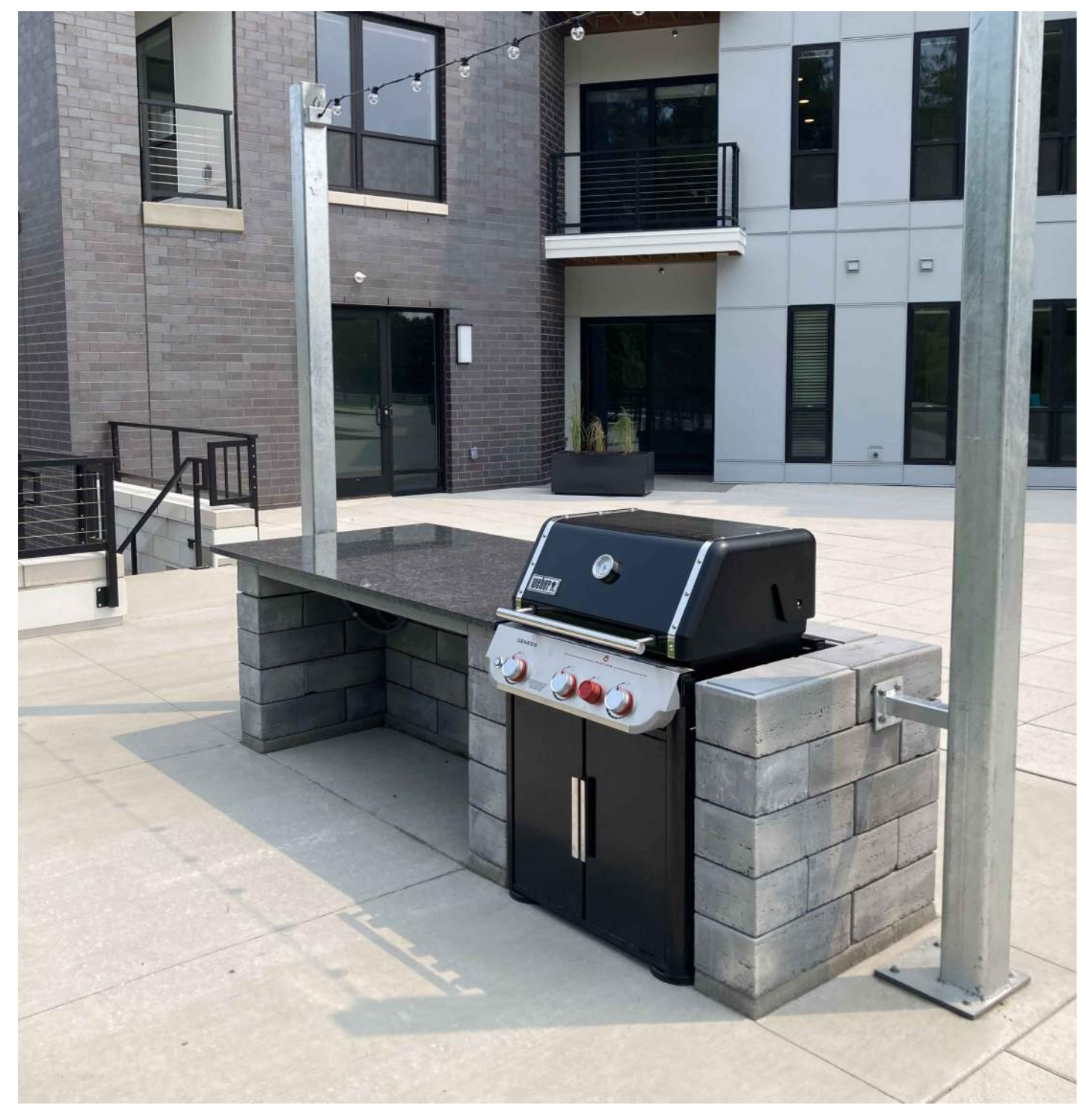
Note: Also by Owner are Spark Arrester, Burner and Accessories



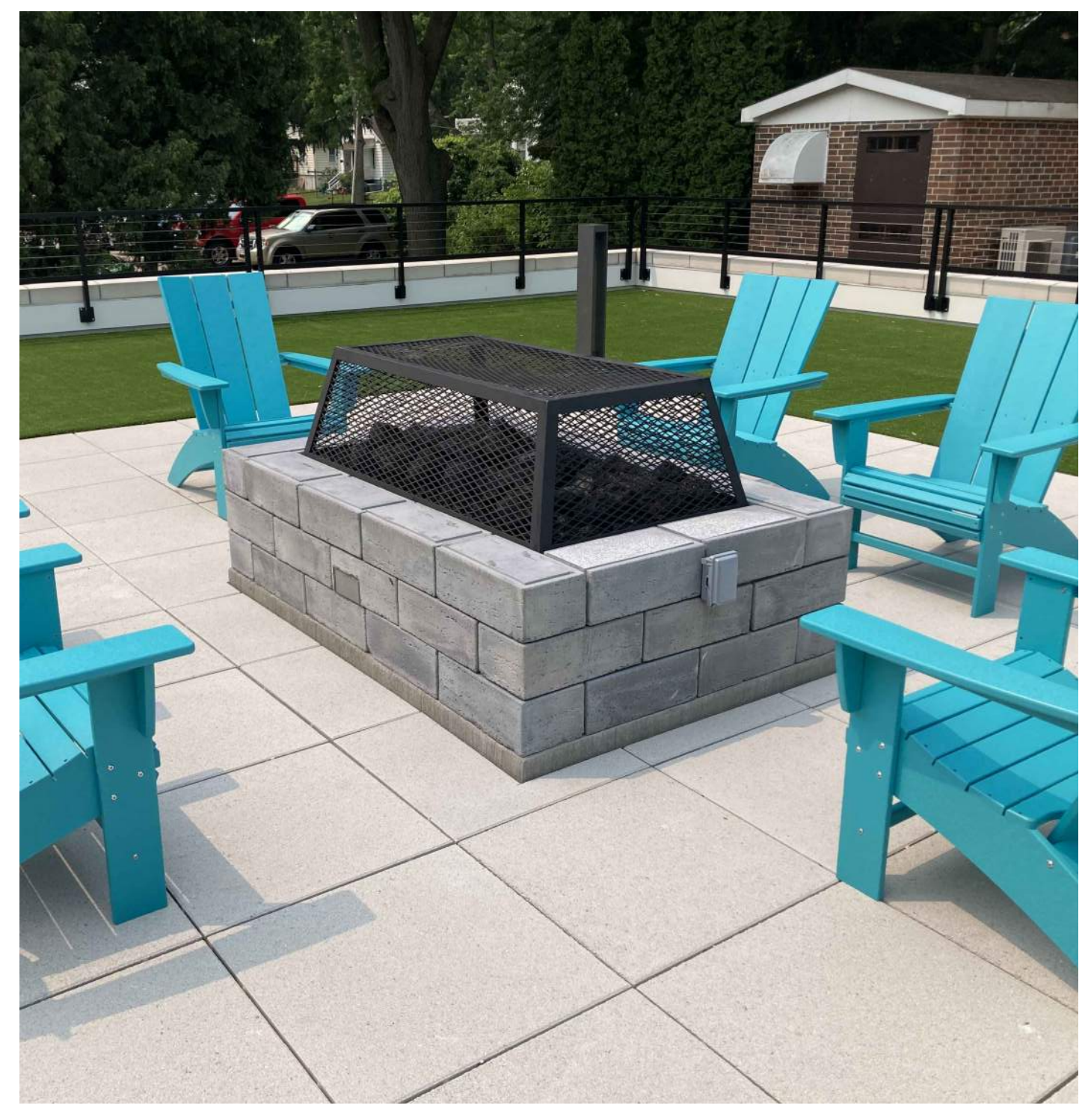
2 FIRE PIT SURROUND
 L-300
 1/4" = 1'-0"



1 GRILL SURROUND
 L-300
 1/4" = 1'-0"



GRILL SURROUND



FIRE PIT

DAWN Enterprises

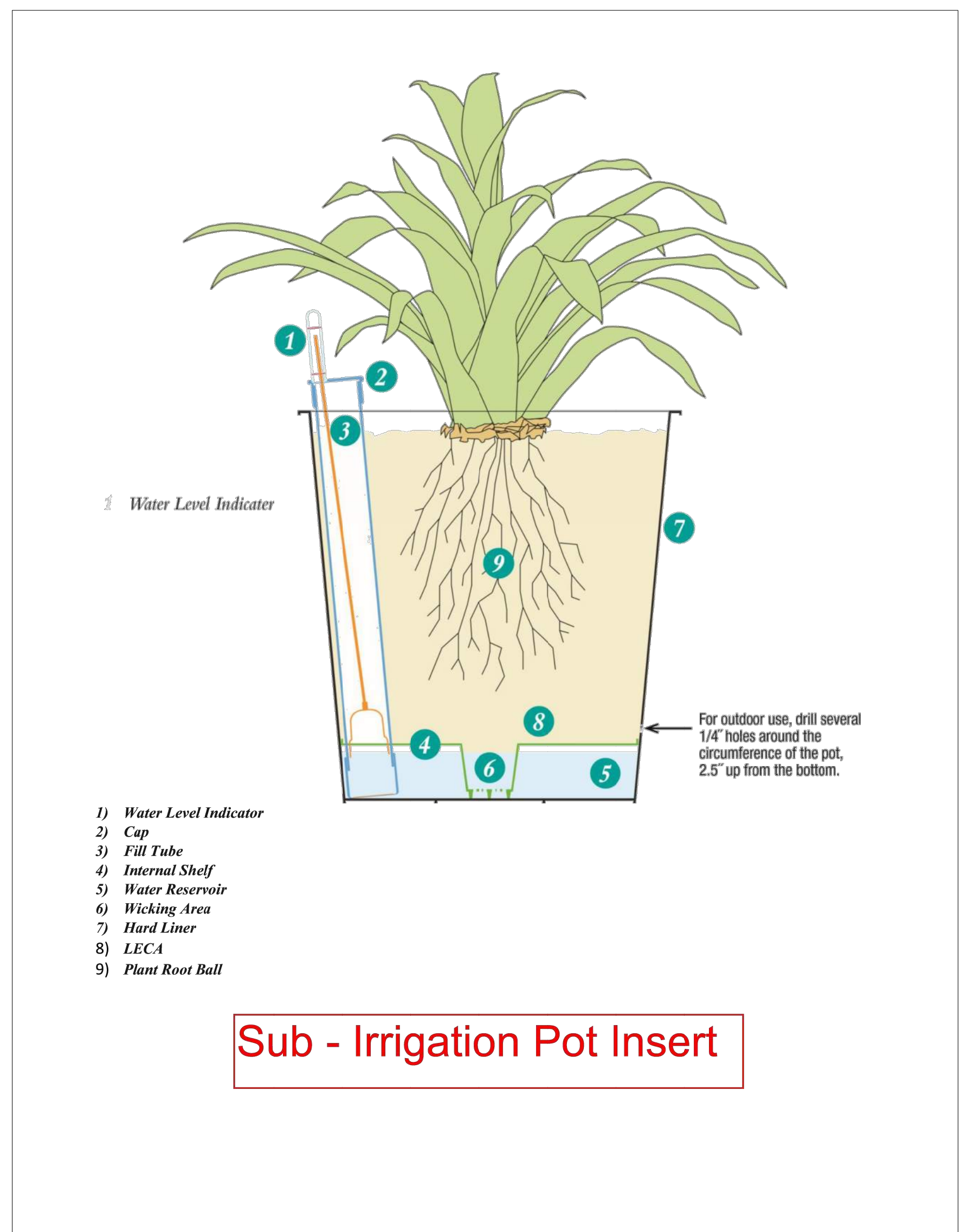
Specification Sheet
 Chaz Series Fiberglass Planters—Round, Square or Rectangular

Height 36 inch
 Length 48 inch
 Width 16.5 inch
 Color Charcoal PD 19

Specifications:

- Dimensions: Varies but toe kick typically 2" x 2" unless otherwise specified
- Weight: Varies by size
- Materials: Constructed of glass fiber reinforced impregnated with a polyester resin
- Construction: Products are molded construction consisting of chopped fiberglass strands, impregnated with a thermosetting resin, constructed into one piece. All exterior surfaces have a homogenized polyester coating of uniform color. The finish is impervious to all common stains and solvents. The surface thickness shall be 5/16 thick or greater. Gussets will be provided as needed for strength and structure.
- Color/Finish Options: Reference color/finish sheet.
- Additional Options: Drain holes available **upon request only**. (Manufacturer recommends drain holes for any planters that will be used outside in freezing climates to avoid cracking.)

275 Progress Drive, Suite B, Manchester, CT 06042 www.godawn.com



3 RESERVOIR for CHAZ PLANTERS
 L-300

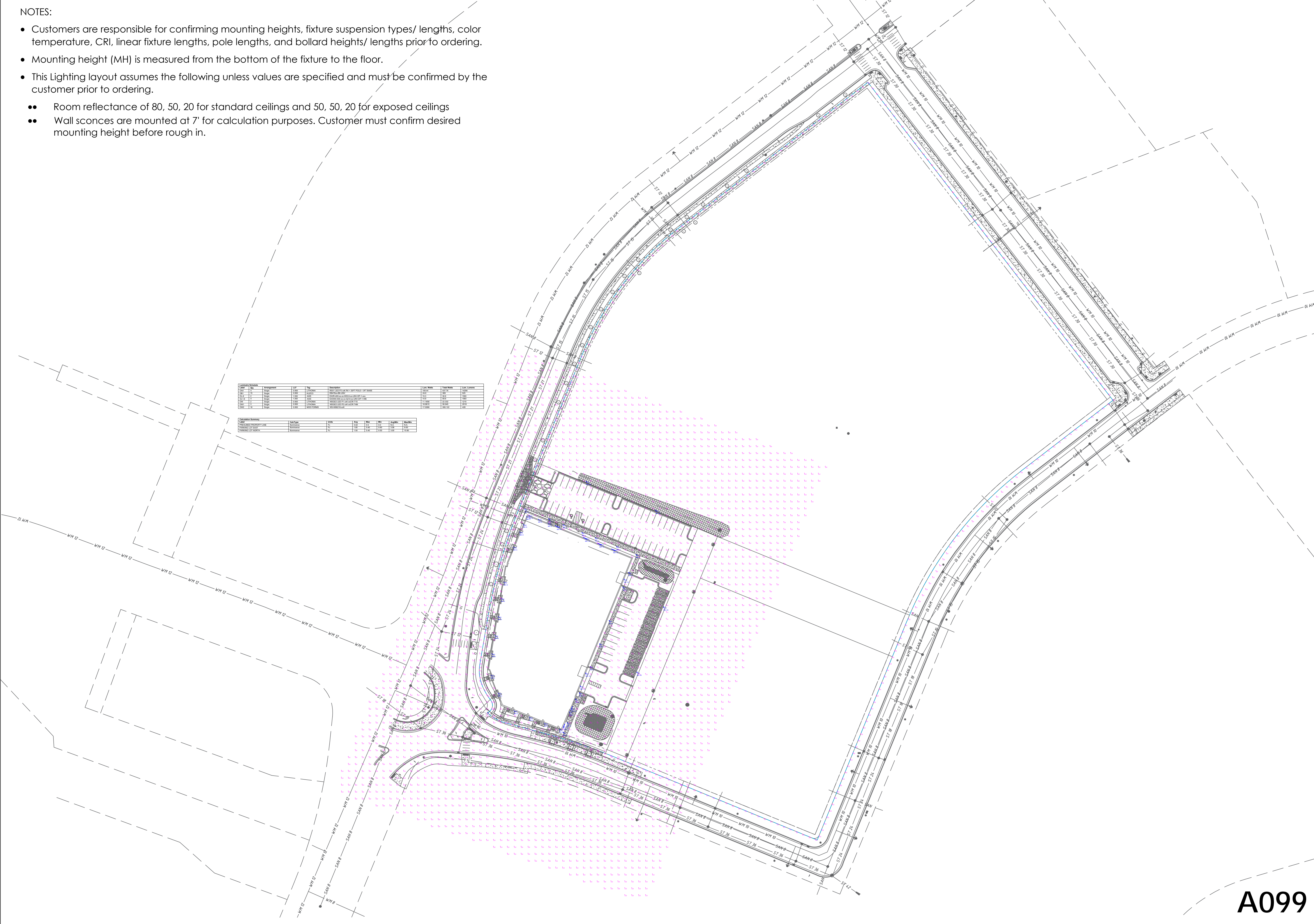


CHAZ PLANTERS

3 CHAZ PLANTER
 L-300

NOTES:

- Customers are responsible for confirming mounting heights, fixture suspension types/ lengths, color temperature, CRI, linear fixture lengths, pole lengths, and bollard heights/ lengths prior to ordering.
- Mounting height (MH) is measured from the bottom of the fixture to the floor.
- This Lighting layout assumes the following unless values are specified and must be confirmed by the customer prior to ordering.
 - Room reflectance of 80, 50, 20 for standard ceilings and 50, 50, 20 for exposed ceilings
 - Wall sconces are mounted at 7' for calculation purposes. Customer must confirm desired mounting height before rough in.



Symbol	Description	Quantity	Notes
SAB	Street Light	100	
SAB 2	Street Light	100	
SAB 3	Street Light	100	
SAB 4	Street Light	100	
SAB 5	Street Light	100	
SAB 6	Street Light	100	
SAB 7	Street Light	100	
SAB 8	Street Light	100	
SAB 9	Street Light	100	
SAB 10	Street Light	100	
SAB 11	Street Light	100	
SAB 12	Street Light	100	
SAB 13	Street Light	100	
SAB 14	Street Light	100	
SAB 15	Street Light	100	
SAB 16	Street Light	100	
SAB 17	Street Light	100	
SAB 18	Street Light	100	
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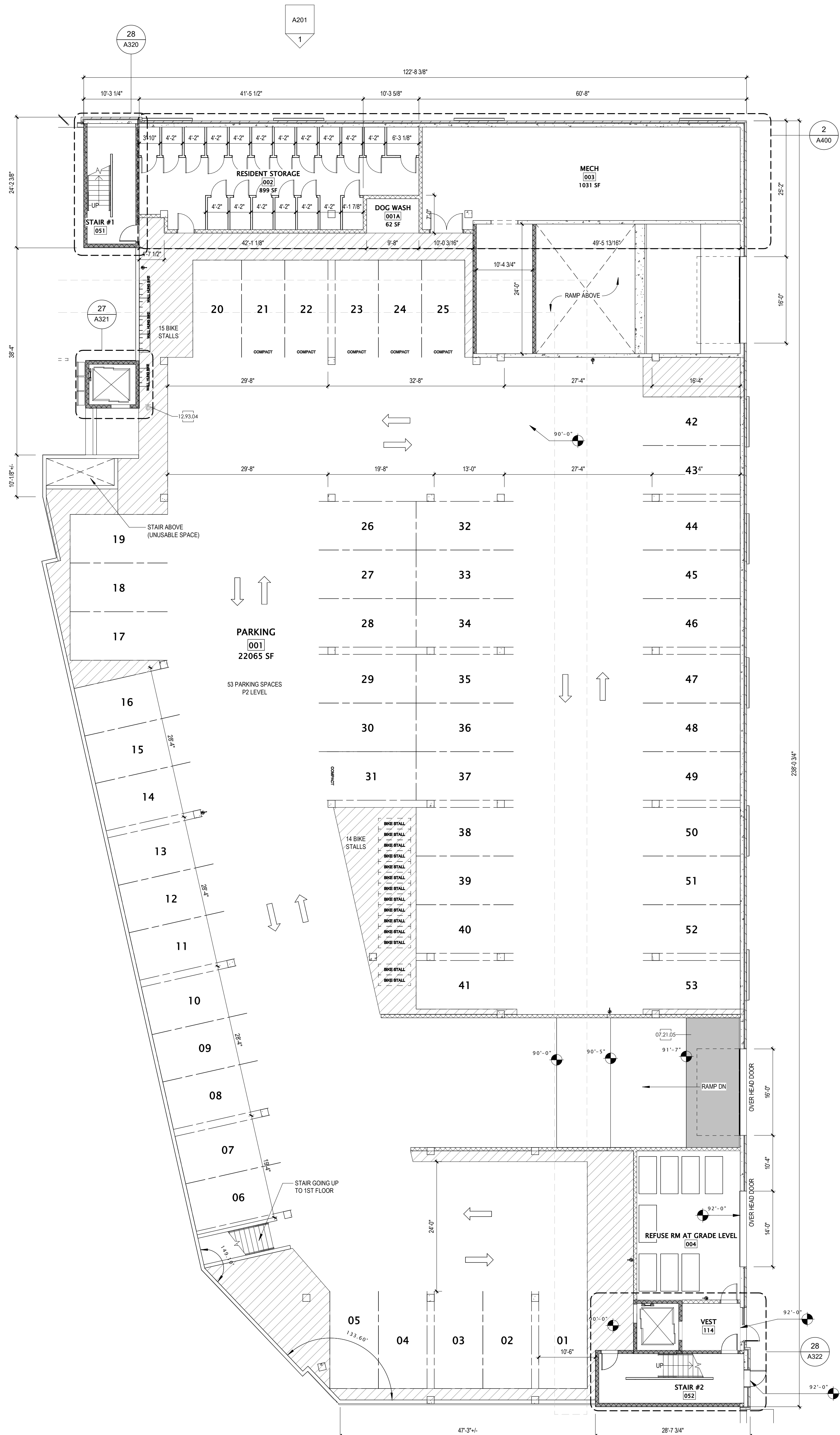


#	DATE	COMMENTS
REVISIONS		

DRAWN BY : LB	DATE : AUG 27, 2025	SCALE : 1/32" = 1'-0"
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THE LIDO - AVANTE PROPERTIES	FITCHBURG, WISCONSIN	SITE LIGHTING
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A099



- ### GENERAL PLAN NOTES
- BUILDING DIMENSIONS ARE TO OUTSIDE FACE OF STUD OR MASONRY WALLS UNLESS OTHERWISE NOTED.
 - WINDOW & DOOR LOCATION DIMENSIONS ARE TO CENTERLINE OF WINDOW/DOOR UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL ROUGH OPENINGS WITH MANUFACTURER.
 - VERIFY ALL STRUCTURAL MEMBER SIZE, SPACING, REINFORCING, AND BRACING WITH STRUCTURAL DRAWINGS.
 - ALL WOOD EXPOSED TO THE EXTERIOR OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
 - VERIFY ALL WINDOW, DOOR, TUB, SHOWER, FIREPLACE, APPLIANCE, EQUIPMENT, ETC. ROUGH OPENINGS & CLEARANCE REQUIREMENTS WITH MANUFACTURER.
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SHEET INDEX - ENLARGED UNIT TYPES

PLAN TYPE	SHEET NO.
TOWNHOMES FIRST FLOOR(2)	
UNIT A1 - ENLARGED PLAN	A410
UNIT A1M - ENLARGED PLAN	A410
UNIT A2 - ENLARGED PLAN	A410
UNIT A3 - ENLARGED PLAN	A410
UNIT B1 - ENLARGED PLAN	A410
UNIT B1.1 - ENLARGED PLAN - adjacent staircase	
UNIT B1M - ENLARGED PLAN	A410
UNIT B2 - ENLARGED PLAN 851 SF (WALK UP)	A410
UNIT B3 - ENLARGED PLAN 927 SF (WALK UP)	A410
UNIT B5 - ENLARGED PLAN 732 SF (WALK UP)	A411
UNIT B6 - ENLARGED PLAN	A411
UNIT B6M - ENLARGED PLAN	A411
UNIT B7 - ENLARGED PLAN	A411
UNIT C1 - ENLARGED PLAN	A411
UNIT C2 - ENLARGED PLAN	A411
UNIT C3 - ENLARGED PLAN	A411
UNIT C4 - ENLARGED PLAN	A412
UNIT D1 - ENLARGED PLAN	A412
UNIT D2 - ENLARGED PLAN	A412
UNIT D3 - ENLARGED PLAN	A412
UNIT D4 - ENLARGED PLAN	A412
UNIT E1 - ENLARGED PLAN	A413
UNIT TH1 LOWER - ENLARGED PLAN	A414
UNIT TH1 UPPER - ENLARGED PLAN	A414
UNIT TH1 UPPER - ENLARGED PLAN ALTERNATE	A414
UNIT TH2 LOWER - ENLARGED PLAN	A414
UNIT TH2 UPPER - ENLARGED PLAN	A414

1 P2 LEVEL PLAN
3/32" = 1'-0"



JLA PROJECT NUMBER: W24-1219

THE LIDO - AVANTE PROPERTIES
FITCHBURG ARTICLE 5 SUBMITTAL

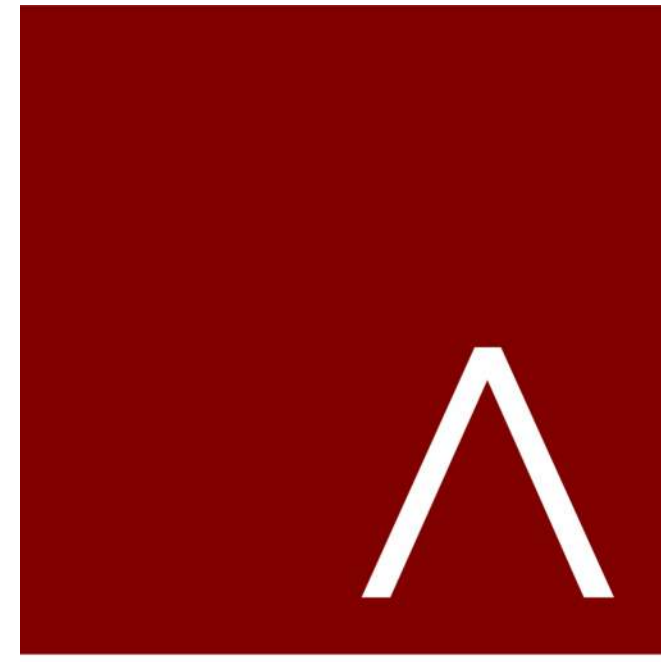
PROGRESS DOCUMENTS
These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

DATE OF ISSUANCE: 08/19/2025

REVISION SCHEDULE		
Mark	Description	Date

SHEET TITLE
P2 FLOOR PLAN

SHEET NUMBER
A100



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W24-1219

THE LIDO - AVANTE
PROPERTIES
FITCHBURG ARTICLE 5 SUBMITTAL

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DATE OF ISSUANCE: 08/19/2025

REVISION SCHEDULE		
Mark	Description	Date

SHEET TITLE
FIRST FLOOR & P1 FLOOR PLAN

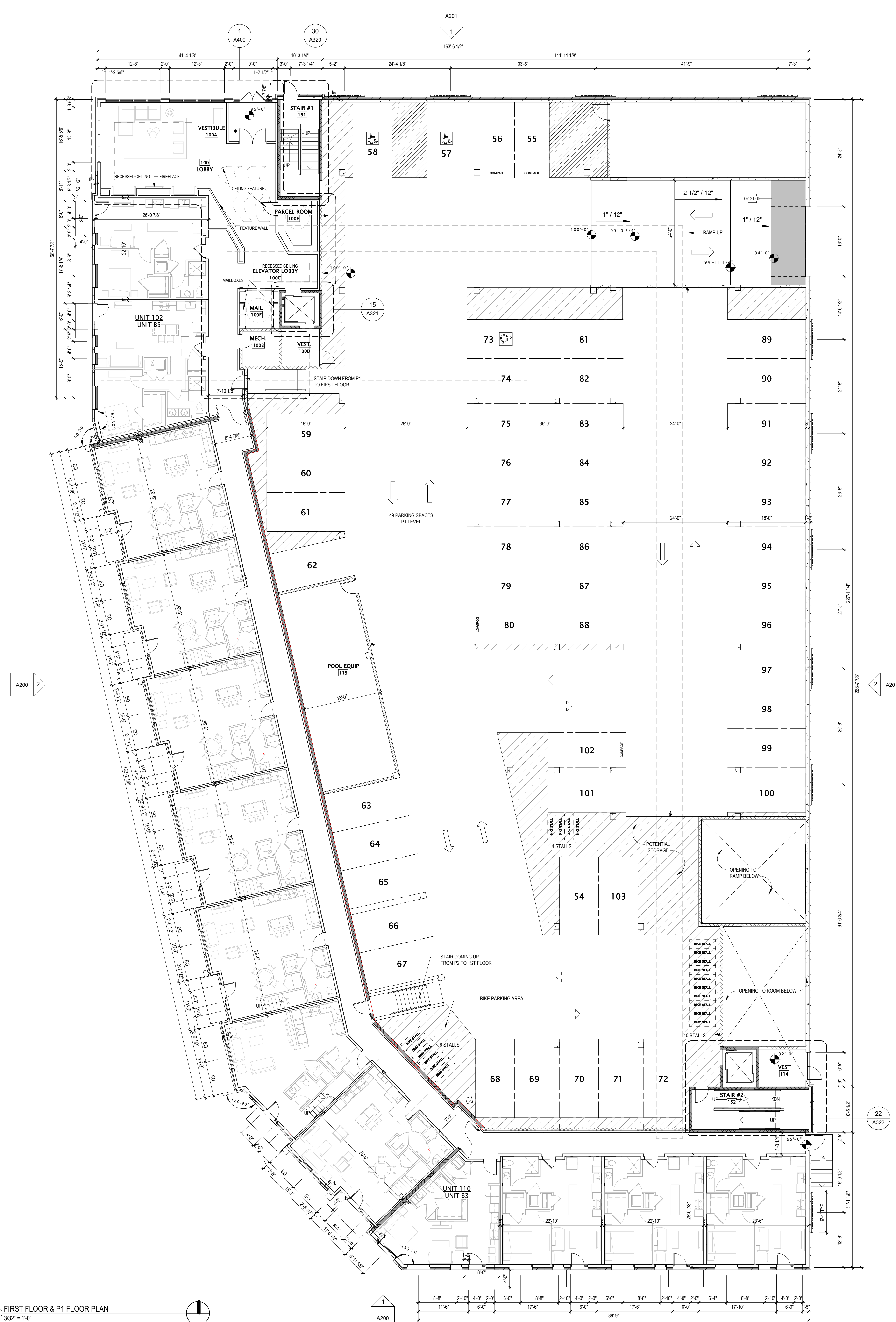
SHEET NUMBER
A101

GENERAL PLAN NOTES

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SHEET INDEX - ENLARGED UNIT TYPES

PLAN TYPE	SHEET NO.
TOWNHOMES FIRST FLOOR(2)	
UNIT A1 - ENLARGED PLAN	A410
UNIT A1A - ENLARGED PLAN	A410
UNIT A2 - ENLARGED PLAN	A410
UNIT A3 - ENLARGED PLAN	A410
UNIT B1 - ENLARGED PLAN	A410
UNIT B1.1 - ENLARGED PLAN - adjacent staircase	A410
UNIT B1M - ENLARGED PLAN	A410
UNIT B2 - ENLARGED PLAN 851 SF (WALK UP)	A410
UNIT B3 - ENLARGED PLAN 797 SF (WALK UP)	A410
UNIT B5 - ENLARGED PLAN 732 SF (WALK UP)	A411
UNIT B6 - ENLARGED PLAN	A411
UNIT B6M - ENLARGED PLAN	A411
UNIT B7 - ENLARGED PLAN	A411
UNIT C1 - ENLARGED PLAN	A411
UNIT C2 - ENLARGED PLAN	A411
UNIT C3 - ENLARGED PLAN	A411
UNIT C4 - ENLARGED PLAN	A412
UNIT D1 - ENLARGED PLAN	A412
UNIT D2 - ENLARGED PLAN	A412
UNIT D3 - ENLARGED PLAN	A412
UNIT E1 - ENLARGED PLAN	A413
UNIT TH1 LOWER - ENLARGED PLAN	A414
UNIT TH1 UPPER - ENLARGED PLAN	A414
UNIT TH1 UPPER - ENLARGED PLAN ALTERNATE	A414
UNIT TH2 LOWER - ENLARGED PLAN	A414
UNIT TH2 UPPER - ENLARGED PLAN	A414



1 FIRST FLOOR & P1 FLOOR PLAN
3/32" = 1'-0"



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SHEET INDEX - ENLARGED UNIT TYPES

PLAN TYPE	SHEET NO.
TOWNHOMES FIRST FLOOR	
UNIT A1 - ENLARGED PLAN	A410
UNIT A1M - ENLARGED PLAN	A410
UNIT A2 - ENLARGED PLAN	A410
UNIT A3 - ENLARGED PLAN	A410
UNIT B1 - ENLARGED PLAN	A410
UNIT B11 - ENLARGED PLAN - adjacent staircase	A410
UNIT B1M - ENLARGED PLAN	A410
UNIT B2 - ENLARGED PLAN 85' SF (WALK UP)	A410
UNIT B3 - ENLARGED PLAN 92' SF (WALK UP)	A410
UNIT B5 - ENLARGED PLAN 72' SF (WALK UP)	A411
UNIT B6 - ENLARGED PLAN	A411
UNIT B6M - ENLARGED PLAN	A411
UNIT B7 - ENLARGED PLAN	A411
UNIT C1 - ENLARGED PLAN	A411
UNIT C2 - ENLARGED PLAN	A411
UNIT C3 - ENLARGED PLAN	A411
UNIT C4 - ENLARGED PLAN	A412
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UNIT D3 - ENLARGED PLAN	A412
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UNIT D96 - ENLARGED PLAN	A412
UNIT D97 - ENLARGED PLAN	A412
UNIT D98 - ENLARGED PLAN	A412
UNIT D99 - ENLARGED PLAN	A412
UNIT D100 - ENLARGED PLAN	A412

UNIT MIX - LEVEL 2

STUDIO UNIT	8
ONE BEDROOM	8
ONE BEDROOM + DEN	5
TWO BEDROOM	3
TOTAL UNITS	24



JLA PROJECT NUMBER: W24-1219

THE LIDO - AVANTE PROPERTIES
FITCHBURG ARTICLE 5 SUBMITTAL

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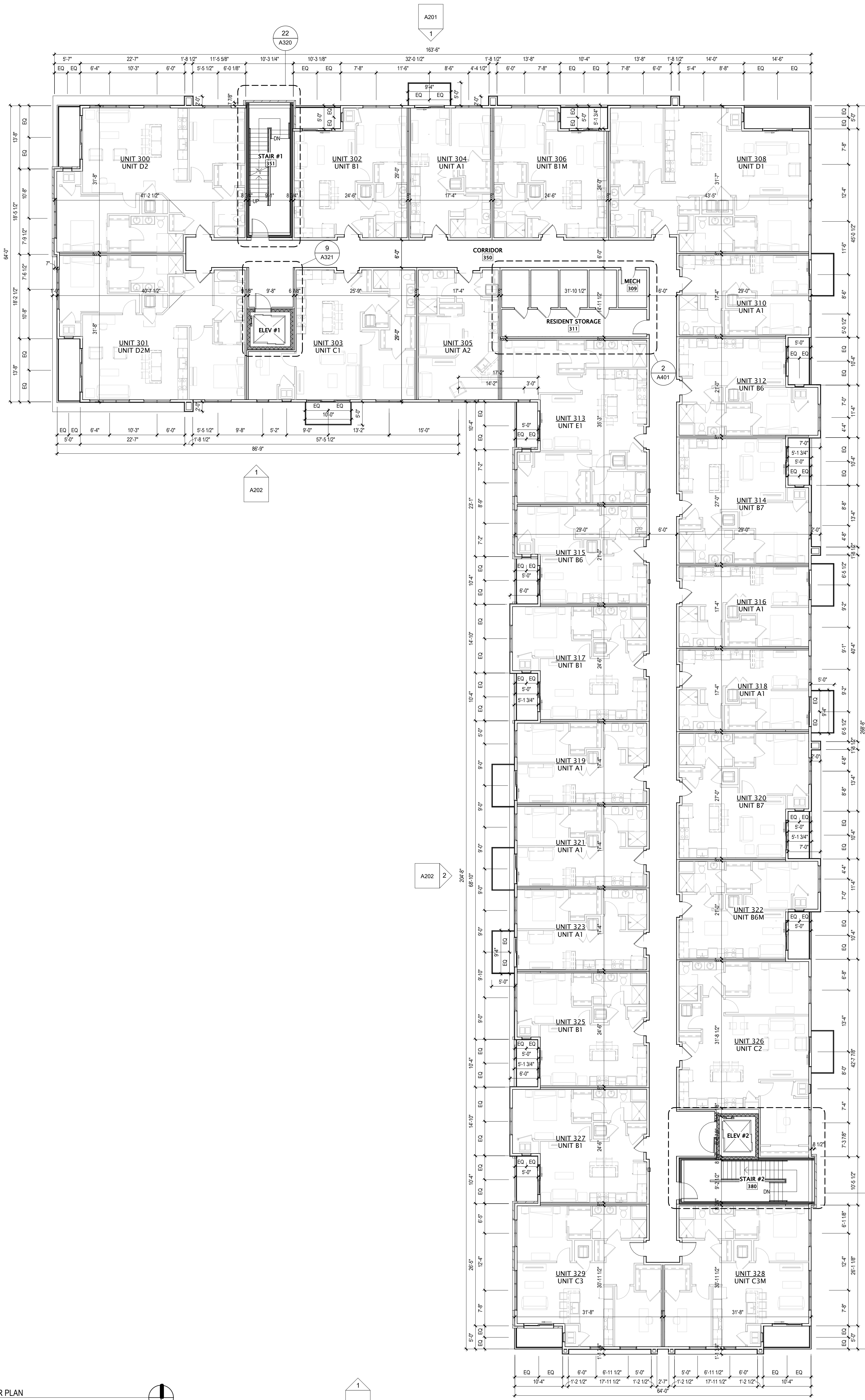
DATE OF ISSUANCE: 08/19/2025

REVISION SCHEDULE		
Mark	Description	Date

SHEET TITLE
SECOND FLOOR PLAN

SHEET NUMBER
A102

SECOND FLOOR PLAN
3/32" = 1'-0"



- ### GENERAL PLAN NOTES
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 - WINDOW & DOOR LOCATION DIMENSIONS ARE TO CENTERLINE OF WINDOW/DOOR UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL ROUGH OPENINGS WITH MANUFACTURER.
 - VERIFY ALL STRUCTURAL MEMBER SIZE, SPACING, REINFORCING, AND BRACING WITH STRUCTURAL DRAWINGS.
 - ALL WOOD EXPOSED TO THE EXTERIOR OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
 - VERIFY ALL WINDOW, DOOR, TUB, SHOWER, FIREPLACE, APPLIANCE, EQUIPMENT, ETC. ROUGH OPENINGS & CLEARANCE REQUIREMENTS WITH MANUFACTURER.
 - PROVIDE SOUND BATT INSULATION AT ALL WALLS SURROUNDING BATHROOMS, LAUNDRY ROOMS/ CLOSETS, MECHANICAL ROOMS/ CLOSETS, AND OTHER PLUMBING WALLS.
 - PROVIDE BLOCKING AT ALL GRAB BAR LOCATIONS - INCLUDING LOCATIONS OF FUTURE GRAB BARS & SEATS IN BATHROOMS DESIGNATED AS ACCESSIBLE.
 - PROVIDE FIREBLOCKING PER 2015 IBC 718.2.1 - TYPICAL THROUGHOUT ENTIRE BUILDING.
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 - CAULK AT PERIMETER OF ALL TUB & SHOWER ENCLOSURES. CAULK AT PERIMETER OF ALL COUNTERTOP BACKSPASHES & SINKSPASHES.
 - INSTALL FIXTURES, ACCESSORIES, ETC. ACCORDING TO THE MOUNTING HEIGHT SCHEDULE.
 - ALL WINDOWS & PATIO DOORS SHALL BE AS SPECIFIED IN THE SCOPE SPECIFICATIONS AND AS INDICATED ON THE EXTERIOR MATERIAL AND WINDOW SCHEDULES.

SHEET INDEX - ENLARGED UNIT TYPES

PLAN TYPE	SHEET NO.
TOWNHOMES FIRST FLOOR	
UNIT A1 - ENLARGED PLAN	A410
UNIT A1M - ENLARGED PLAN	A410
UNIT A2 - ENLARGED PLAN	A410
UNIT A3 - ENLARGED PLAN	A410
UNIT B1 - ENLARGED PLAN	A410
UNIT B1-1 - ENLARGED PLAN - adjacent staircase	A410
UNIT B1M - ENLARGED PLAN	A410
UNIT B2 - ENLARGED PLAN	A410
UNIT B3 - ENLARGED PLAN	A410
UNIT B5 - ENLARGED PLAN	A411
UNIT B6 - ENLARGED PLAN	A411
UNIT B6M - ENLARGED PLAN	A411
UNIT B7 - ENLARGED PLAN	A411
UNIT C1 - ENLARGED PLAN	A411
UNIT C2 - ENLARGED PLAN	A411
UNIT C3 - ENLARGED PLAN	A411
UNIT C4 - ENLARGED PLAN	A412
UNIT D1 - ENLARGED PLAN	A412
UNIT D2 - ENLARGED PLAN	A412
UNIT D3 - ENLARGED PLAN	A412
UNIT E1 - ENLARGED PLAN	A413
UNIT TH LOWER - ENLARGED PLAN	A414
UNIT TH UPPER - ENLARGED PLAN	A414
UNIT TH UPPER - ENLARGED PLAN ALTERNATE	A414
UNIT TH LOWER - ENLARGED PLAN	A414
UNIT TH UPPER - ENLARGED PLAN	A414

UNIT MIX - LEVEL 3

STUDIO UNIT	8
ONE BEDROOM	10
TWO BEDROOM - DEN	5
TWO BEDROOM	3
TOTAL UNITS	26

1 THIRD FLOOR PLAN
3/32" = 1'-0"



JLA PROJECT NUMBER: W24-1219

THE LIDO - AVANTE PROPERTIES
FITCHBURG ARTICLE 5 SUBMITTAL

PROGRESS DOCUMENTS
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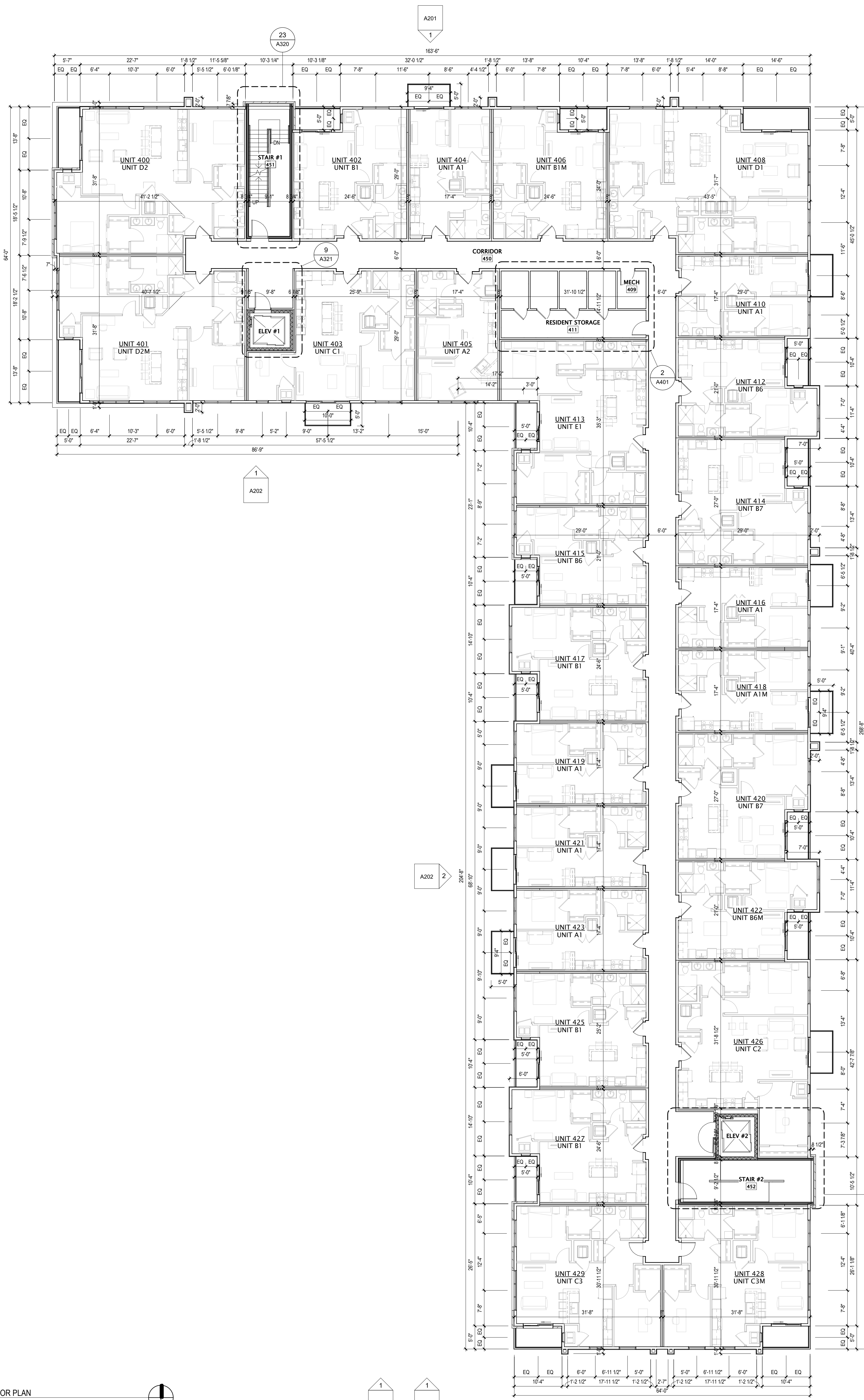
DATE OF ISSUANCE: 08/19/2025

REVISION SCHEDULE

Mark	Description	Date

SHEET TITLE
THIRD FLOOR PLAN

SHEET NUMBER
A103



GENERAL PLAN NOTES

- BUILDING DIMENSIONS ARE TO OUTSIDE FACE OF STUD OR MASONRY WALLS UNLESS OTHERWISE NOTED.
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SHEET INDEX - ENLARGED UNIT TYPES

PLAN TYPE	SHEET NO.
TOWNHOMES FIRST FLOOR(2)	
UNIT A1 - ENLARGED PLAN 517 SF	A410
UNIT A1M - ENLARGED PLAN 517 SF	A410
UNIT A2 - ENLARGED PLAN 517 SF	A410
UNIT A3 - ENLARGED PLAN 501 SF	A410
UNIT B1 - ENLARGED PLAN 673 SF	A410
UNIT B1.1 - ENLARGED PLAN - adjacent staircase	
UNIT B1M - ENLARGED PLAN 673 SF	A410
UNIT B2 - ENLARGED PLAN 601 SF (WALK LIP)	A410
UNIT B3 - ENLARGED PLAN 567 SF (WALK LIP)	A410
UNIT B5 - ENLARGED PLAN 732 SF (WALK LIP)	A411
UNIT B6 - ENLARGED PLAN	A411
UNIT B6M - ENLARGED PLAN	A411
UNIT B7 - ENLARGED PLAN	A411
UNIT C1 - ENLARGED PLAN 877 SF	A411
UNIT C2 - ENLARGED PLAN 1051 SF	A411
UNIT C3 - ENLARGED PLAN 910 SF	A411
UNIT D1M - ENLARGED PLAN 910 SF	A412
UNIT D1 - ENLARGED PLAN	A412
UNIT D2 - ENLARGED PLAN	A412
UNIT D3M - ENLARGED PLAN	A412
UNIT E1 - ENLARGED PLAN	A413
UNIT TH LOWER - ENLARGED PLAN	A414
UNIT TH UPPER - ENLARGED PLAN	A414
UNIT TH UPPER - ENLARGED PLAN ALTERNATE	A414
UNIT TH LOWER - ENLARGED PLAN	A414
UNIT TH LOWER - ENLARGED PLAN	A414

1 FOURTH FLOOR PLAN
3/32" = 1'-0"



JLA PROJECT NUMBER: W24-1219

THE LIDO - AVANTE PROPERTIES
FITCBURG ARTICLE 5 SUBMITTAL

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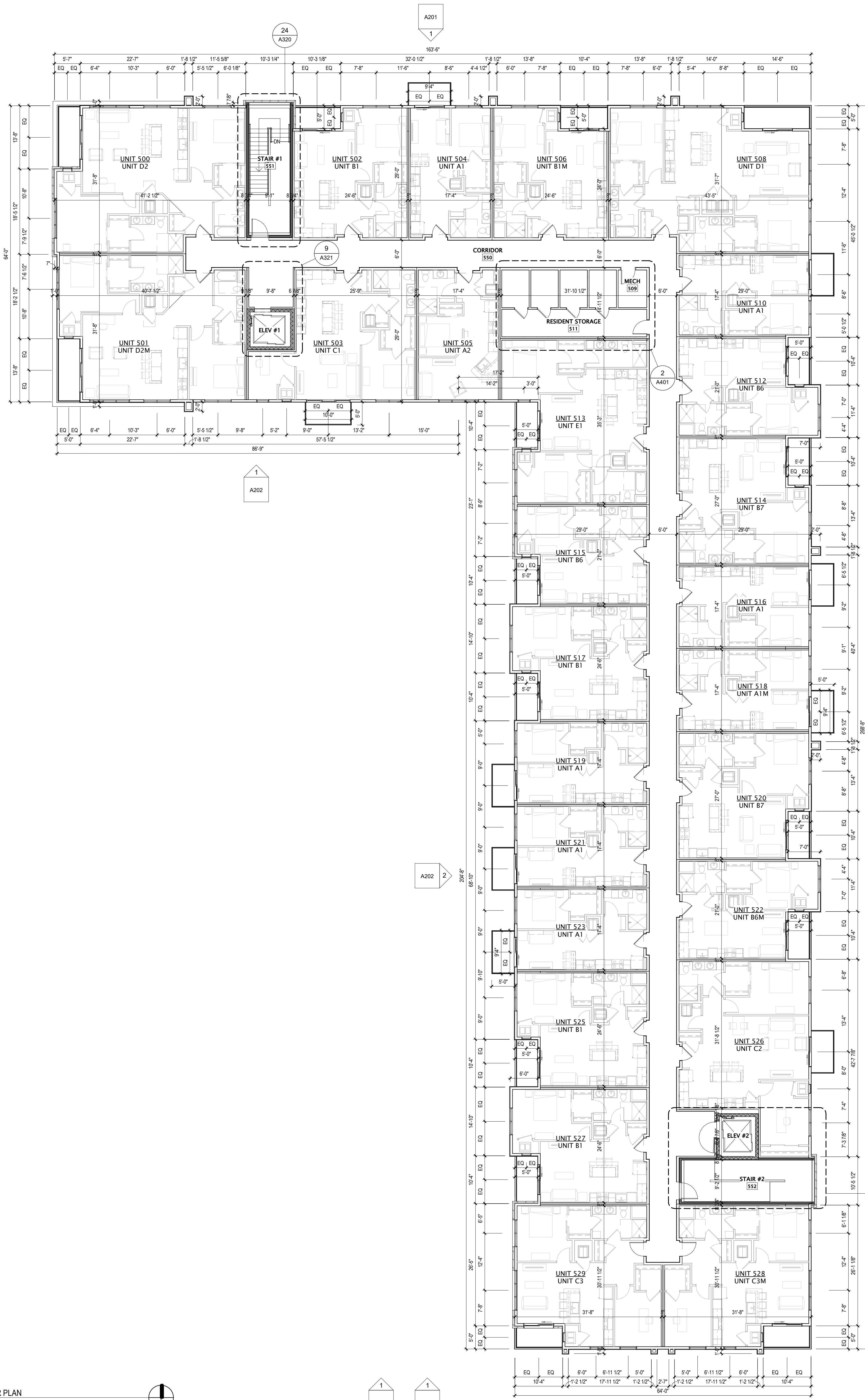
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REVISION SCHEDULE		
Mark	Description	Date

SHEET TITLE
FOURTH FLOOR PLAN

SHEET NUMBER
A104



GENERAL PLAN NOTES

- BUILDING DIMENSIONS ARE TO OUTSIDE FACE OF STUD OR MASONRY WALLS UNLESS OTHERWISE NOTED.
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SHEET INDEX - ENLARGED UNIT TYPES

PLAN TYPE	SHEET NO.
TOWNHOMES FIRST FLOOR(2)	
UNIT A1 - ENLARGED PLAN	A410
UNIT A1M - ENLARGED PLAN	A410
UNIT A2 - ENLARGED PLAN	A410
UNIT A3 - ENLARGED PLAN	A410
UNIT B1 - ENLARGED PLAN	A410
UNIT B1-1 - ENLARGED PLAN - adjacent staircase	
UNIT B1M - ENLARGED PLAN	A410
UNIT B2 - ENLARGED PLAN	A410
UNIT B3 - ENLARGED PLAN	A410
UNIT B5 - ENLARGED PLAN	A411
UNIT B6 - ENLARGED PLAN	A411
UNIT B6M - ENLARGED PLAN	A411
UNIT B7 - ENLARGED PLAN	A411
UNIT C1 - ENLARGED PLAN	A411
UNIT C2 - ENLARGED PLAN	A411
UNIT C3 - ENLARGED PLAN	A411
UNIT C4 - ENLARGED PLAN	A412
UNIT D1 - ENLARGED PLAN	A412
UNIT D2 - ENLARGED PLAN	A412
UNIT D3 - ENLARGED PLAN	A412
UNIT E1 - ENLARGED PLAN	A413
UNIT TH LOWER - ENLARGED PLAN	A414
UNIT TH UPPER - ENLARGED PLAN	A414
UNIT TH UPPER - ENLARGED PLAN ALTERNATE	A414
UNIT TH LOWER - ENLARGED PLAN	A414
UNIT TH UPPER - ENLARGED PLAN	A414

1 FIFTH FLOOR PLAN
3/32" = 1'-0"



JLA PROJECT NUMBER: W24-1219

THE LIDO - AVANTE PROPERTIES
FITCBURG ARTICLE 5 SUBMITTAL

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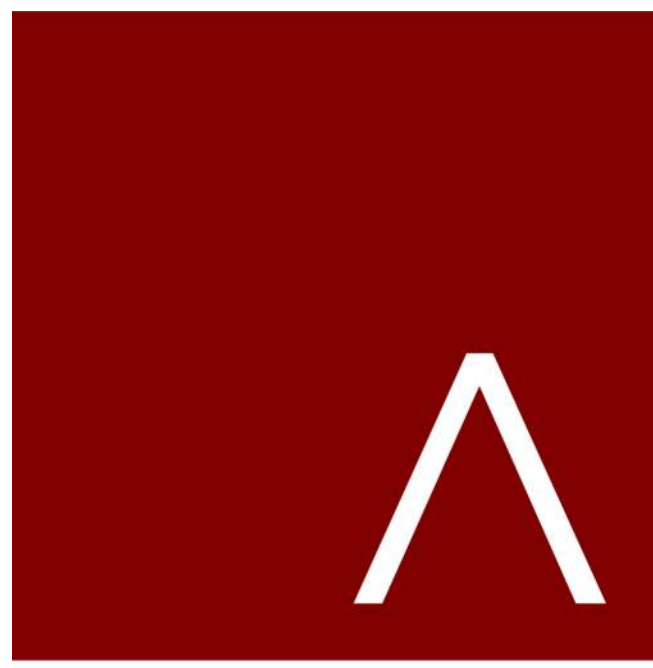
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REVISION SCHEDULE		
Mark	Description	Date

SHEET TITLE
FIFTH FLOOR PLAN

SHEET NUMBER
A105

EXTERIOR MATERIALS SCHEDULE						
MARK	DESCRIPTION	MANUFACTURER	TYPE / STYLE	DIMENSIONS	COLOR	NOTES
1	ALUMINUM STOREFRONT SYSTEM	KAWNEER - OR EQUAL	PREFINISHED ALUMINUM		BLACK	
2	ALUMINUM STOREFRONT ENTRANCE	KAWNEER - OR EQUAL	PREFINISHED ALUMINUM		BLACK	
3	VINYL WINDOWS	PLYGEM WINDOWS AND DOORS	TBD		SEE WINDOW SCHEDULE	
4	FIXED VINYL WINDOWS	PLYGEM WINDOWS AND DOORS	TBD		SEE WINDOW SCHEDULE	
5	VINYL SLIDING PATIO DOORS	PLYGEM WINDOWS AND DOORS	TBD		SEE WINDOW SCHEDULE	
6	VINYL UNIT ENTRANCE DOOR	TBD	TBD		SEE DOOR SCHEDULE	
7	STEEL ENTRANCE DOOR	TBD	TBD		SEE DOOR SCHEDULE	MATCH ADJACENT CLADDING
8	OVERHEAD PANEL DOOR	TBD	TBD		SEE DOOR SCHEDULE	
9	MASONRY LIGHT		NORMAN		PACIFIC PEARL	
10	MASONRY DARK		TBD	KING	WINTER KING	
11	FIBER CEMENT LAP SIDING 1	JAMES HARDIE	PLANK LAP SIDING - SMOOTH FINISH	7" EXPOSURE	WOODSTONE RUSTIC SERIES - SAND CASTLE	SEE EXTERIOR ELEVATIONS FOR REVEAL LOCATIONS
12	FIBER CEMENT LAP SIDING 2	JAMES HARDIE	PLANK LAP SIDING - SMOOTH FINISH	7" EXPOSURE	MANTREY TAUPE	SEE EXTERIOR ELEVATIONS FOR REVEAL LOCATIONS
13	FIBER CEMENT PANEL 1	JAMES HARDIE	PANEL SIDING - SMOOTH FINISH	4" x 10" MAX	ARCTIC WHITE	SEE EXTERIOR ELEVATIONS FOR REVEAL LOCATIONS
14	FIBER CEMENT PANEL 2	JAMES HARDIE	PANEL SIDING - SMOOTH FINISH	4" x 10" MAX	WOODSTONE RUSTIC SERIES - SAND CASTLE	SEE EXTERIOR ELEVATIONS FOR REVEAL LOCATIONS
15	HPL PANEL	TRESPA	PANEL - MATTE FINISH	7" x 14" MAX	METEOR WOOD DECORS - WESTERN RED CEDAR NW31	SEE EXTERIOR ELEVATIONS FOR REVEAL LOCATIONS
16	FASCIA	JAMES HARDIE	FIBER CEMENT TRIM - SMOOTH FINISH		SEE DETAILS	ARCTIC WHITE
17	PRECAST SILL BAND	TBD	TBD		SEE PRECAST PROFILES	TBD
18	METAL COPING / GRAVEL STOP	TBD	PREFINISHED ALUMINUM		SEE PLANS AND DETAILS	MATCH ADJACENT CLADDING
19	WALK UP RAILING	WILLIAMS, INC.	TBD		SEE PLANS	TBD
20	BALCONY RAILING	WILLIAMS, INC.	TBD		SEE PLANS	TBD
21	PREFABRICATED METAL HUNG BALCONY	TBD	TBD		SEE PLANS AND DETAILS	TBD
22	PREFABRICATED METAL ENTRANCE CANOPY	TBD	TBD		SEE PLANS AND DETAILS	TBD
23	SIGNAGE	TBD	TBD		TBD	TBD
30	RESIDENTIAL HVAC LOUVER / GRILLE	TBD	EXTRUDED ALUMINUM	TBD	TBD	PAINT TO MATCH ADJACENT MATERIALS
31	ART PANEL	TBD	PREFINISHED ALUMINUM	TBD	TBD	



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THE LIDO - AVANTE
PROPERTIES

FITCHBURG ARTICLE 5 SUBMITTAL



1 SOUTH ELEVATION
3/32" = 1'-0"



2 WEST ELEVATION
3/32" = 1'-0"

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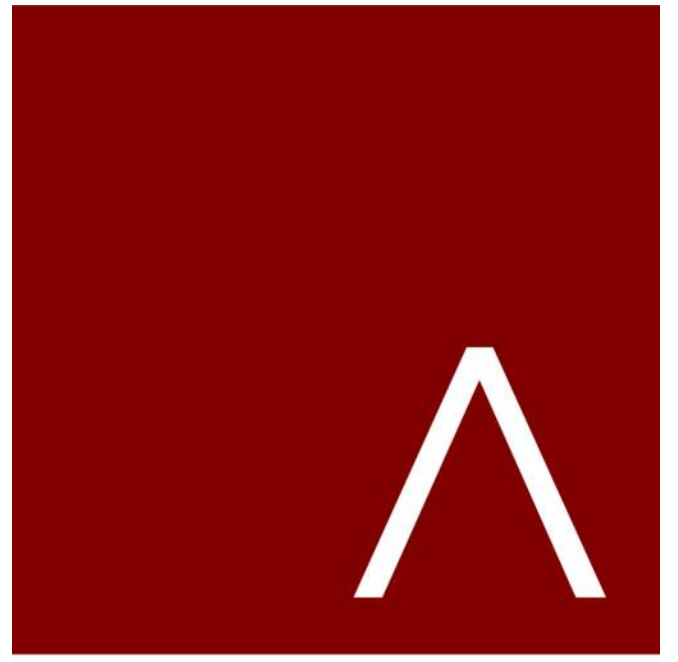
SHEET TITLE

EXTERIOR
ELEVATIONS

SHEET NUMBER

A200

EXTERIOR MATERIALS SCHEDULE							
MARK	DESCRIPTION	MANUFACTURER	TYPE / STYLE	DIMENSIONS	COLOR	NOTES	
1	ALUMINUM STOREFRONT SYSTEM	KAWNEER - OR EQUAL	PREFINISHED ALUMINUM		BLACK		
2	ALUMINUM STOREFRONT ENTRANCE	KAWNEER - OR EQUAL	PREFINISHED ALUMINUM		BLACK		
3	VINYL WINDOWS	PLYGEM WINDOWS AND DOORS	TBD	SEE WINDOW SCHEDULE	BLACK		
4	FIXED VINYL WINDOWS	PLYGEM WINDOWS AND DOORS	TBD	SEE WINDOW SCHEDULE	BLACK		
5	VINYL SLIDING PATIO DOORS	PLYGEM WINDOWS AND DOORS	TBD	SEE WINDOW SCHEDULE	BLACK		
6	VINYL UNIT ENTRANCE DOOR	TBD	TBD	SEE DOOR SCHEDULE	BLACK		
7	STEEL ENTRANCE DOOR	TBD	TBD	SEE DOOR SCHEDULE	MATCH ADJACENT CLADDING		
8	OVERHEAD PANEL DOOR	TBD	TBD	SEE DOOR SCHEDULE	TBD		
9	MASONRY LIGHT	TBD	TBD	NORMAN	PACIFIC PEARL		
10	MASONRY DARK	TBD	TBD	WING	WINTERBIRD		
11	FIBER CEMENT LAP SIDING 1	JAMES HARDIE	PLANK LAP SIDING - SMOOTH FINISH	7" EXPOSURE	WOODTONE RUSTIC SERIES - SAND CASTLE		
12	FIBER CEMENT LAP SIDING 2	JAMES HARDIE	PLANK LAP SIDING - SMOOTH FINISH	7" EXPOSURE	MONTEREY TALPE	SEE EXTERIOR ELEVATIONS FOR REVEAL LOCATIONS	
13	FIBER CEMENT PANEL 1	JAMES HARDIE	PANEL SIDING - SMOOTH FINISH	4" x 10" MAX	ARCTIC WHITE	SEE EXTERIOR ELEVATIONS FOR REVEAL LOCATIONS	
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15	HPL PANEL	TRESPA	PANEL - MATTE FINISH	7" x 14" MAX	METEOR WOOD DECORS - WESTERN RED CEDAR	SEE EXTERIOR ELEVATIONS FOR REVEAL LOCATIONS	
16	FASCIA	JAMES HARDIE	FIBER CEMENT TRIM - SMOOTH FINISH	SEE DETAILS	ARCTIC WHITE		
17	PRECAST SILL / BAND	TBD	TBD	SEE PRECAST PROFILES	TBD		
18	METAL COPING / GRAVEL STOP	TBD	PREFINISHED ALUMINUM	SEE PLANS AND DETAILS	MATCH ADJACENT CLADDING		
19	WALK UP RAILING	WILLIAMS, INC.	TBD	SEE PLANS	TBD		
20	BALCONY RAILING	WILLIAMS, INC.	TBD	SEE PLANS	TBD		
21	PREFABRICATED METAL HUNG BALCONY	TBD	TBD	SEE PLANS AND DETAILS	TBD		
22	PREFABRICATED METAL ENTRANCE CANOPY	TBD	TBD	SEE PLANS AND DETAILS	TBD		
23	SIGNAGE	TBD	TBD	TBD	TBD		
30	RESIDENTIAL HVAC COVER / GRILLE	TBD	ENTRUSSED ALUMINUM	TBD	PAINT TO MATCH ADJACENT MATERIALS		
31	ART PANEL	TBD	PREFINISHED ALUMINUM	TBD	TBD		



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2 NORTH ELEVATION
3/32" = 1'-0"



1 EAST ELEVATION
3/32" = 1'-0"

THE LIDO - AVANTE
PROPERTIES

FITCHBURG ARTICLE 5 SUBMITTAL

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SHEET TITLE

EXTERIOR
ELEVATIONS

SHEET NUMBER

A201



① PERSPECTIVE 1
3/8" = 1'-0"



② PERSPECTIVE 2
3/8" = 1'-0"



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THE LIDO - AVANTE
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SHEET TITLE
**EXTERIOR
PERSPECTIVES**

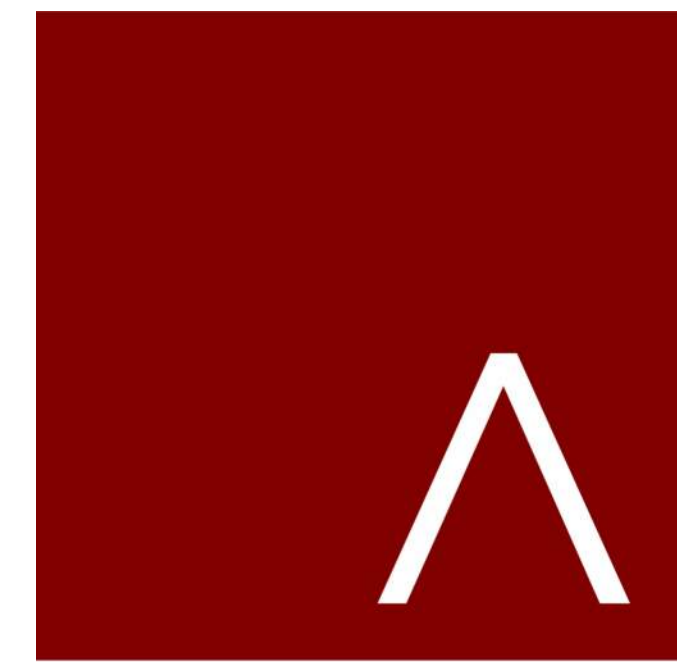
SHEET NUMBER
A220



① PERSPECTIVE 3
3/8" = 1'-0"



② PERSPECTIVE 4
3/8" = 1'-0"



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THE LIDO - AVANTE
PROPERTIES

FITCHBURG ARTICLE 5 SUBMITTAL

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REVISION SCHEDULE		
Mark	Description	Date

SHEET TITLE
EXTERIOR
PERSPECTIVES

SHEET NUMBER
A221



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THE LIDO - AVANTE
PROPERTIES
FITCHBURG ARTICLE 5 SUBMITTAL

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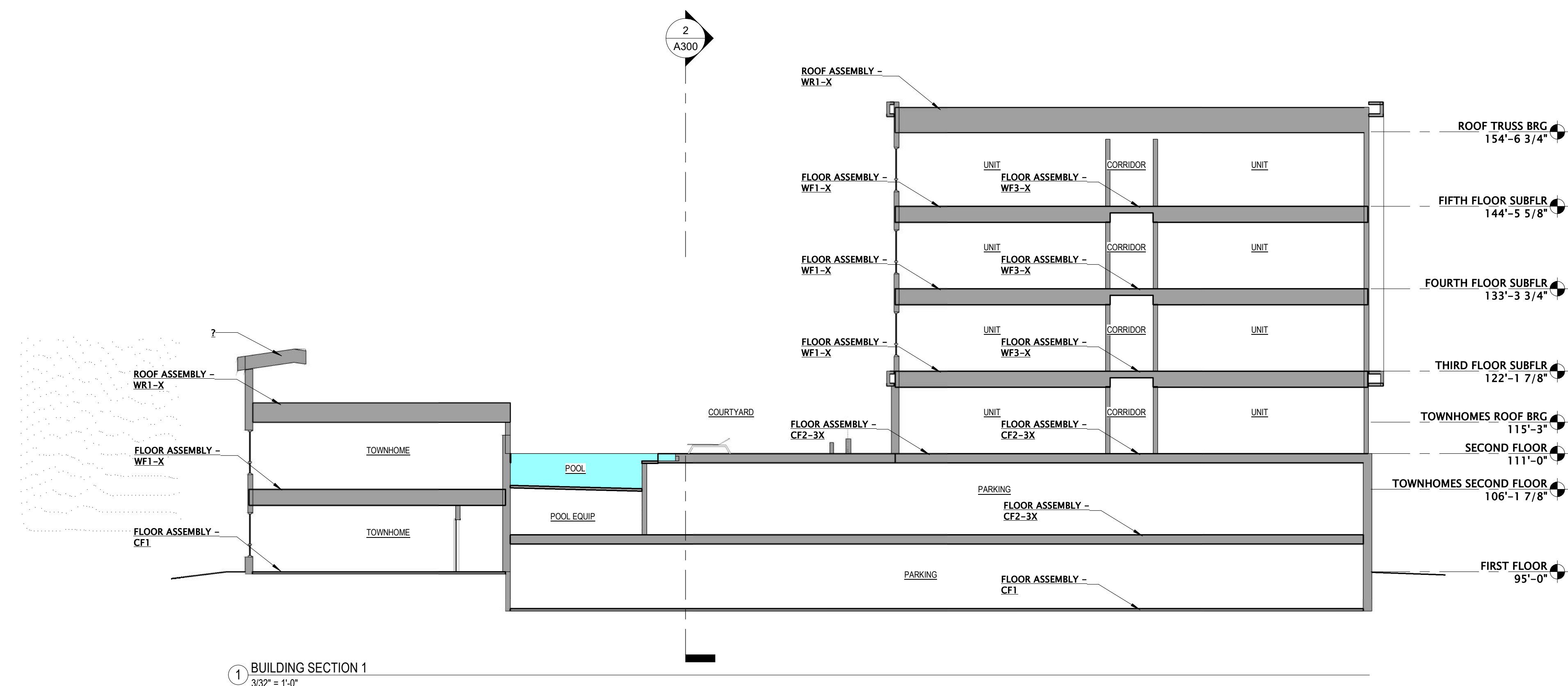
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SHEET TITLE

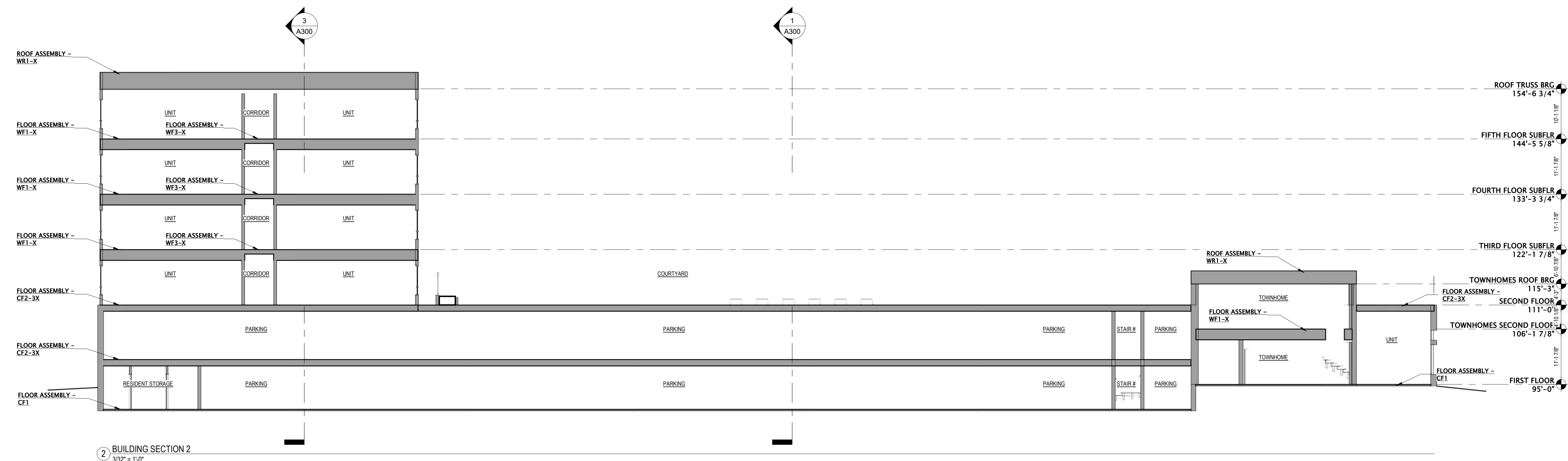
BUILDING SECTIONS

SHEET NUMBER

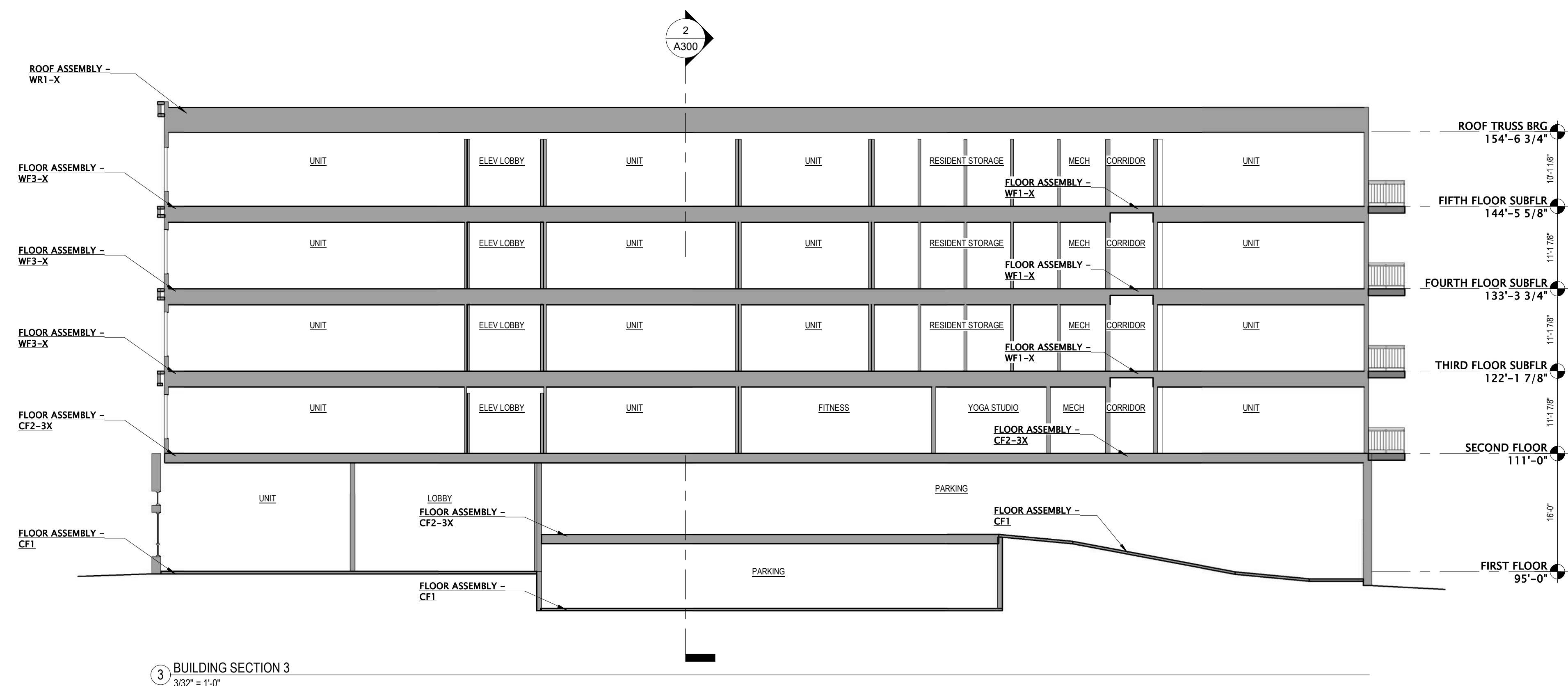
A300



1 BUILDING SECTION 1
3/32" = 1'-0"



2 BUILDING SECTION 2
3/32" = 1'-0"



3 BUILDING SECTION 3
3/32" = 1'-0"



RSX1 LED Area Luminaire

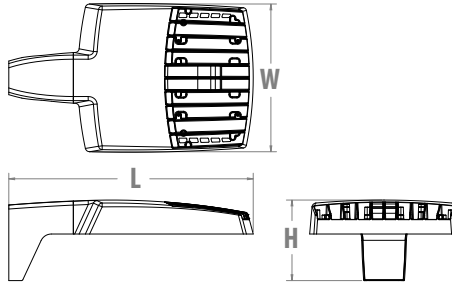


Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA (ft ² @0°):	0.57 ft ² (0.05 m ²)
Length:	21.8" (55.4 cm) (SPA mount)
Width:	13.3" (33.8 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight: (SPA mount):	22.0 lbs (10.0 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

ds Design Select options indicated by this color background.

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED					
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide ¹ R5S Type 5 Short ¹ AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) ² HVOLT (347V-480V) ³ XVOLT (277V-480V) ⁴ (use specific voltage for options as noted) 120 ³ 277 ⁵ 208 ³ 347 ⁵ 240 ³ 480 ⁵	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁶ WBA Wall bracket ¹ WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting ⁶ AARP Adjustable tilt arm round pole mounting ⁶ AAWB Adjustable tilt arm with wall bracket ⁶ AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁶

Options	Finish
Shipped Installed HS House-side shield ⁷ PE Photocontrol, button style ^{8,9} PER7 Seven-wire twist-lock receptacle only (no controls) ^{9,10,11} SF Single fuse (120, 277, 347) ⁵ DF Double fuse (208, 240, 480) ⁵ SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output ⁹ DMG 0-10V dimming extend out back of housing for external control (control ordered separate) ⁹	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured Dark Bronze DBLTXD Textured Black DNATXD Textured Natural Aluminum DWHGXD Textured White
Shipped Separately (requires some field assembly) EGS External glare shield ⁷ EGFV External glare full visor (360° around light aperture) ⁷ BS Bird spikes ¹⁶	

Shipped Installed
 *Standalone and Networked Sensors/Controls (factory default settings, see table page 9)
 NLTAIR2 PIRHN nLight AIR generation 2, with Networked, Bi-Level motion/ambient sensor^{9,12,13,14}

BAA Buy America(n) Act and/or Build America Buy America Qualified
 CCE Coastal Construction¹⁵
 *Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.



Ordering Information

Accessories

Ordered and shipped separately.

RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glare shield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) ¹
RSXSGB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) ¹⁷
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) ¹⁷
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) ¹⁷
DSHORT SBK U	Shorting cap ¹⁷

NOTES

- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- XVOLT driver not available with P1 or P2. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- It may be ordered as an accessory.
- Requires MVOLT or 347V.
- Two or more of the following options cannot be combined including PE, DMG, PER7, FAO and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
- Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming

- signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire6/Wire7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
 - Must be ordered with PIRHN.
 - Requires MVOLT or HVOLT.
 - Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
 - CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGFV and BS.
 - Must be ordered with fixture for factory pre-drilling.
 - Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield



External Glare Shield

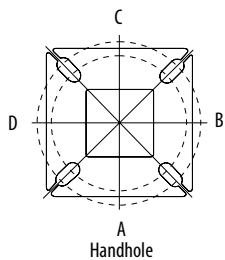


External 360 Full Visor

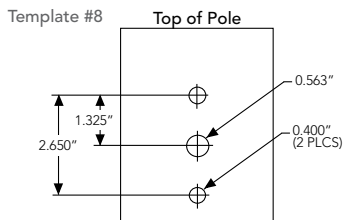
Pole/Mounting Information

Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

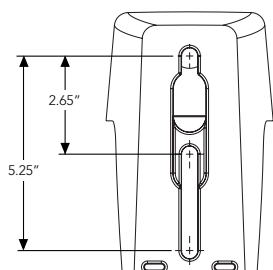
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 @ 180°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

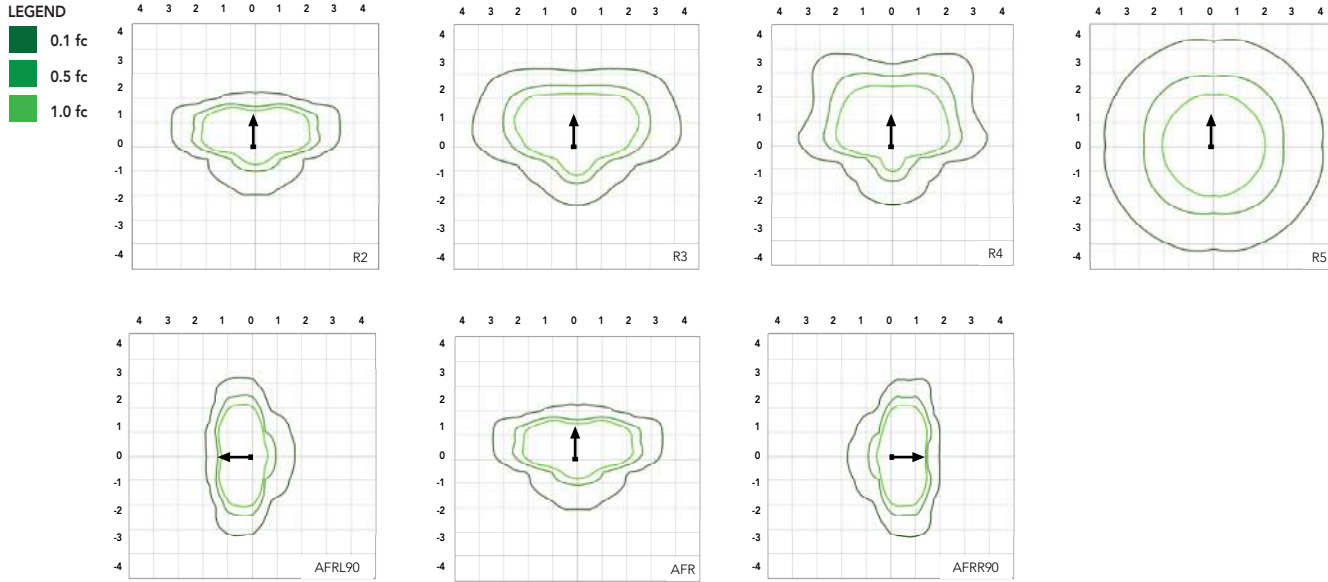
Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
#8	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX1 - Luminaire EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
SPA - Square Pole Adaptor	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor	0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor	0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03
	10°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62
	20°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73
	30°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43
	40°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33
	45°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94
	50°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14
	60°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27
	70°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27
	80°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18
	90°								

Isofootcandle plots for the RSX1 LED P4 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

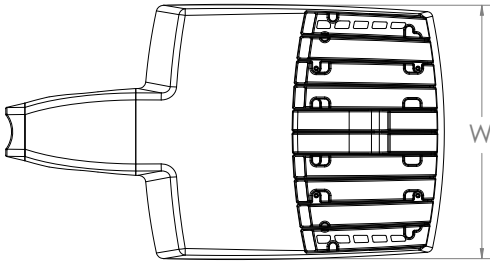
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R35	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R45	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R55	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140		
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R35	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R45	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R55	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137		
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R35	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R45	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R55	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130		
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R35	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R45	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R55	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125		

Dimensions & Weights

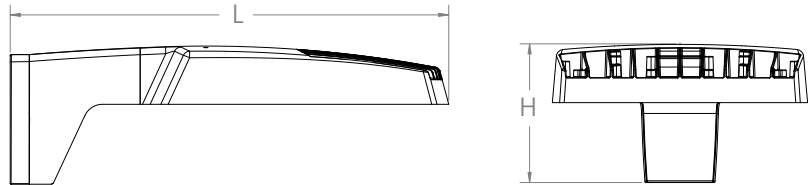
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	22 lbs
RPA	24 lbs
MA	22 lbs
WBA	25 lbs
WBASC	28 lbs
IS	25 lbs
AASP	25 lbs
AARP	27 lbs
AAWB	28 lbs
AAWSC	31 lbs

RSX1 with Round Pole Adapter (RPA)



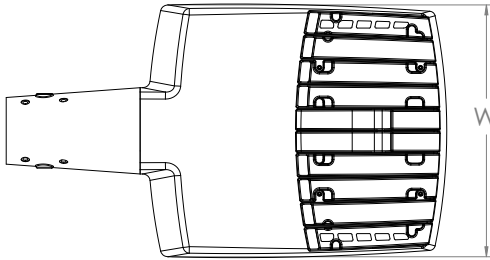
Length: 22.8" (57.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.4 cm) Arm



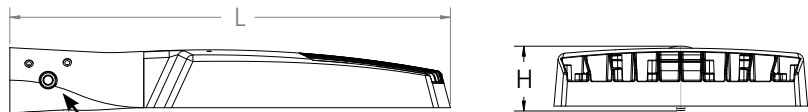
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



RSX1 with Mast Arm Adapter (MA)

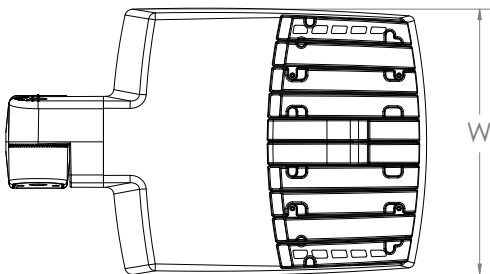


Length: 23.2" (59.1 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 3.5" (8.9 cm) Arm

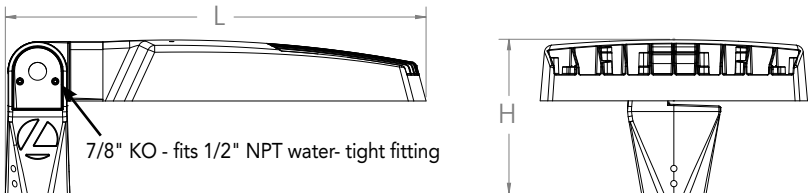


7/16" locking thru bolt/nut provided

RSX1 with Adjustable Slipfitter (IS)



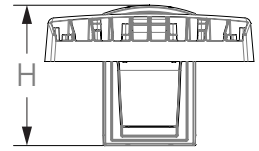
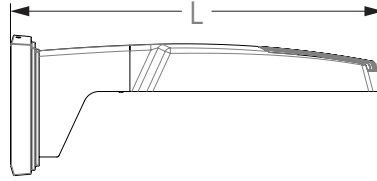
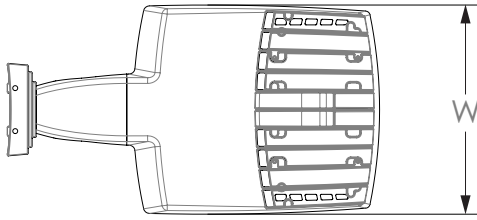
Length: 20.7" (52.7 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.6" (19.3 cm) Arm



7/8" KO - fits 1/2" NPT water-tight fitting

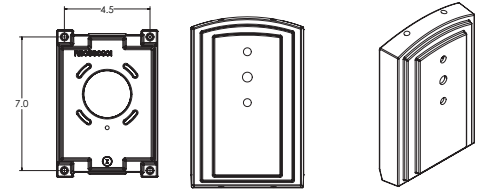
Dimensions

RSX1 with Wall Bracket (WBA)

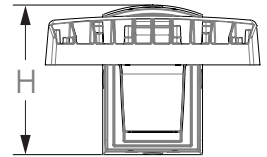
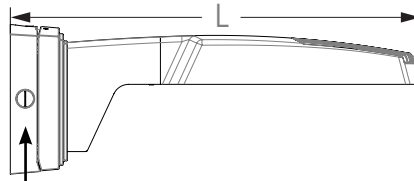
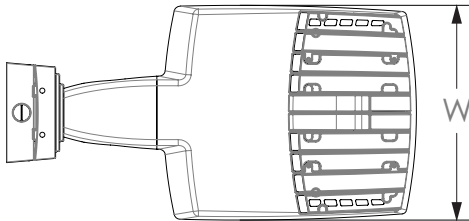


Length: 23.6" (59.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



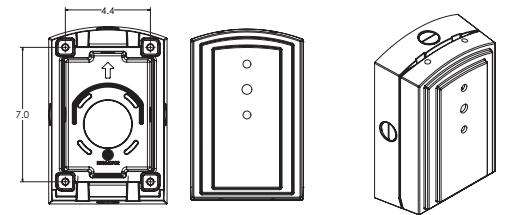
RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



3/4" NPT taps with plugs - Qty (4) provided

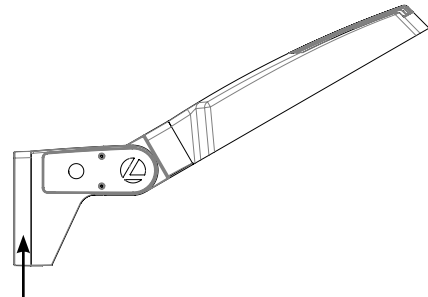
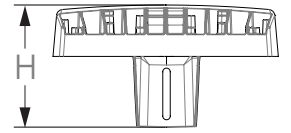
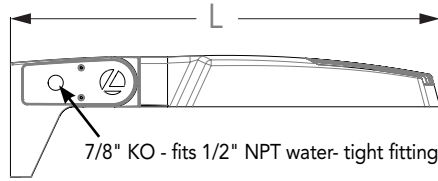
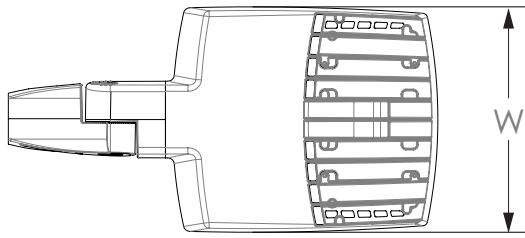
Length: 25.3" (64.3 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail



Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



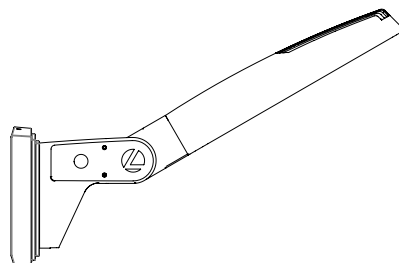
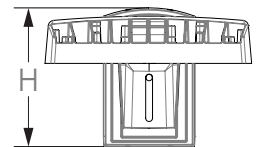
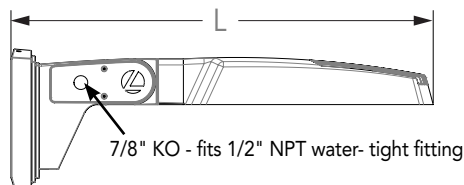
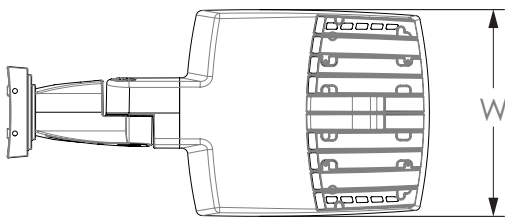
Length: 25.3" (65.3 cm) **AASP**
26.3" (66.8 cm) **AARP**
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

Notes

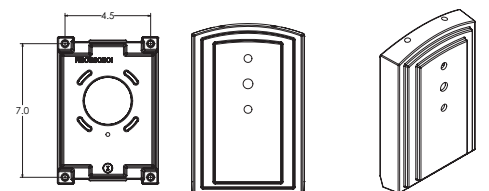
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



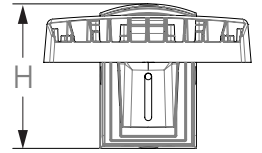
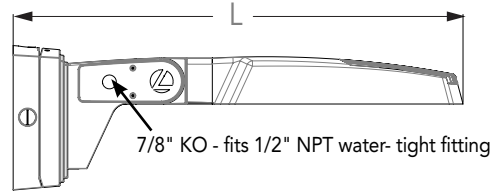
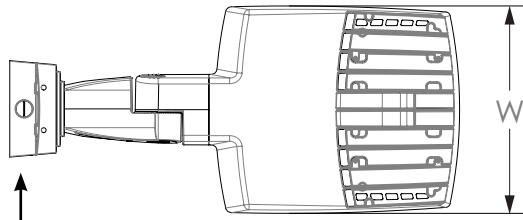
Wall Bracket (WBA) Mounting Detail



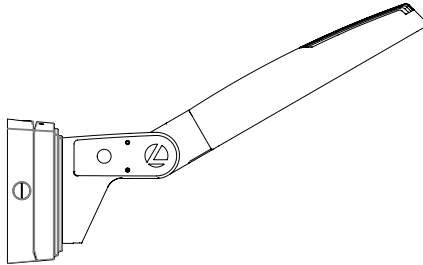
Length: 27.1" (68.8 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Dimensions

RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)

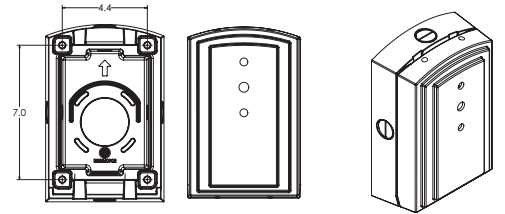


3/4" NPT taps
with plugs - Qty (4)
provided

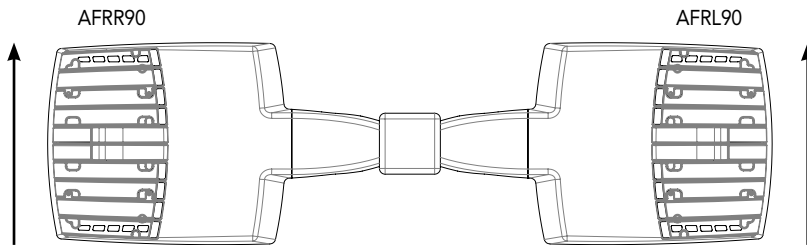


Length: 28.8" (73.2 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail



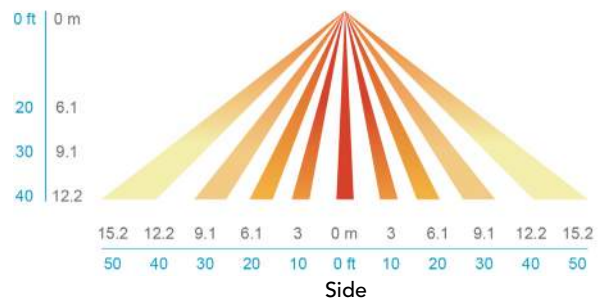
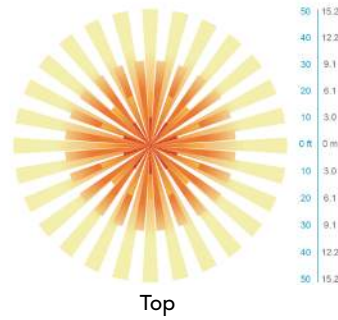
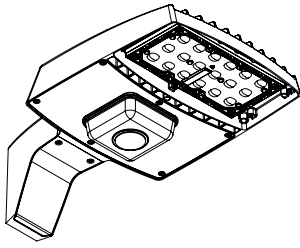
Automotive Front Row - Rotated Optics (AFRL90/R90)



(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

nLight Sensor Coverage Pattern

NLTAIR2 PIRHN



Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is tilted.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area luminaire is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for minimum 1.5 G vibration load per ANSI C136.31. 3G Mountings: Include SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

COASTAL CONSTRUCTION (CCE)

Optional corrosion-resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead times apply.

OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFR90 and ARFL90.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. U.S. Patent No. D882, 146S

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations. BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.

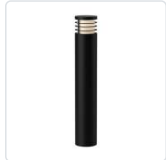
WARRANTY

5-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

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

BLAINE
EB47837-UNV
BOLLARDS

PROJECT



EB47837-BK-UNV
 Black

SPECIFICATION DETAILS

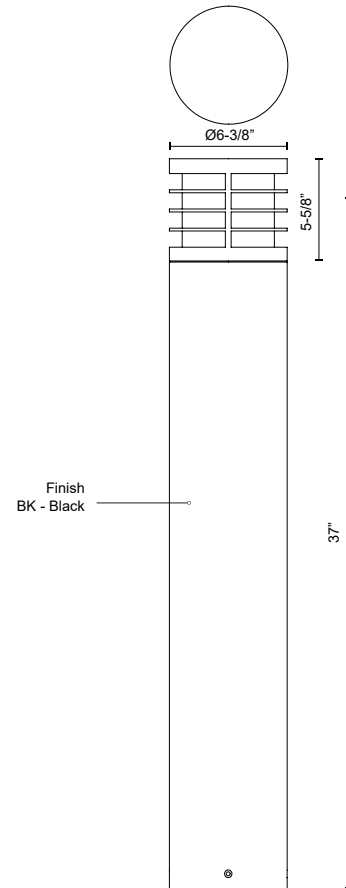
Fixture Dimensions	D6-3/8" x H37"
Light Source	LED with DC Driver
Wattage	24W
Total Lumens	2500lm
Delivered Lumens	524lm
Voltage	120-277V
Color Temperature	3000K
CRI (Ra)	80CRI
Optional Color Temps	2700K - 5000K Available, Minimum Order Quantities Apply
LED Rated Life	50,000 hours
Dimming	100% - 10%, TRIAC or ELV Dimmer (Not Included)
Diffuser Details	Frosted PC
Location	Wet
Illumination Direction	Down
Paint Finish	BK02

* For custom options, consult factory for details.

* For warranty information, please visit www.kuzcolighting.com/warranty

DESCRIPTION

Architecturally designed high-power LED exterior bollard fixture. This die-cast aluminum cylinder has a frosted polycarbonate diffuser with thin metal halos that delivers diffused omni directional light with three base sizes and interchangeable head options.



KUZCO

CANADA: 19054 28TH AVENUE - SURREY, BC V3Z 6M3
 USA: 3035 E. LONE MOUNTAIN ROAD - LAS VEGAS, NV 89081

WWW.KUZCOLIGHTING.COM

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COMMENT





WDGE2 LED

Architectural Wall Sconce

Precision Refractive Optic



Catalog Number

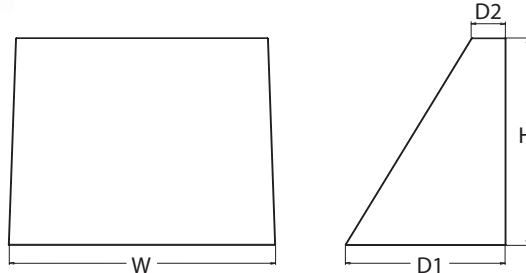
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1):	7"
Depth (D2):	1.5"
Height:	9"
Width:	11.5"
Weight: (without options)	13.5 lbs



Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	--	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI T3M MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	
WDGE2 LED	P0 ¹	27K 2700K	40K 4000K	70CRI ⁴	MVOLT	Shipped included SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁶	
	P1 ²	30K 3000K	50K 5000K	80CRI			347 ⁵
	P2 ²	35K 3500K	AMB ³ Amber	LW ³ Limited Wavelength			480 ⁵
	P3 ²						
	P4 ²						
				T1S Type I Short T2M Type II Medium T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium		Shipped separately AWS 3/8inch Architectural wall spacer ⁷ PBBW Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available ⁸	

Options	Finish
E10WH Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min) E20WC Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min) PE Photocell, Button Type ⁸ DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) ⁹ BCE Bottom conduit entry for back box (PBBW). Total of 4 entry points. CCE Coastal Construction ⁷	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone
Standalone Sensors/Controls PIR Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching. PIRH Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching PIR1FC3V Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation. PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation. Networked Sensors/Controls NLTAIR2 PIR Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights. NLTAIR2 PIRH Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights. NLTAIREM2 PIR Embedded wireless controls by nLight with UL924 listed emergency operation, Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights NLTAIREM2 PIRH Embedded wireless controls by nLight with UL924 listed emergency operation, Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights.	

See page 4 for out of box functionality



COMMERCIAL OUTDOOR

1 Acuity Way • Decatur, GA 30035 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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WDGE2 LED
 Rev. 07/07/25

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE2PBBW DDBXD U	WDGE2 surface-mounted back box (specify finish)

NOTES

- 1 P0 option not available with sensors/controls.
- 2 P1-P4 not available with AMB and LW.
- 3 AMB and LW always go together.
- 4 70CRI only available with T3M and T4M.
- 5 347V and 480V not available with E10WH or E20WC.
- 6 Not qualified for DLC. Not available with emergency battery backup or sensors/controls.
- 7 For PBBW and AWS with CCE option, require an RFA.
- 8 PE not available in 480V or with sensors/controls.
- 9 DMG option not available with sensors/controls.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)					Amber (Limited Wavelength)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T1S	636	92	0	0	0	666	97	0	0	0	699	101	0	0	1	691	100	0	0	1	712	47	0	0	1
		T2M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T3M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T4M	648	94	0	0	0	679	98	0	0	0	712	103	0	0	0	704	102	0	0	0	726	47	0	0	0
		TFTM	652	95	0	0	0	683	99	0	0	0	717	104	0	0	0	708	103	0	0	0	730	48	0	0	1
P1	11W	T1S	1,105	99	0	0	1	1,157	104	0	0	1	1,215	109	0	0	1	1,200	107	0	0	1					
		T2M	1,150	103	0	0	1	1,204	108	0	0	1	1,264	113	0	0	1	1,249	112	0	0	1					
		T3M	1,150	103	0	0	1	1,205	108	0	0	1	1,265	113	0	0	1	1,250	112	0	0	1					
		T4M	1,126	101	0	0	1	1,179	106	0	0	1	1,238	111	0	0	1	1,223	110	0	0	1					
		TFTM	1,133	101	0	0	1	1,186	106	0	0	1	1,245	112	0	0	1	1,230	110	0	0	1					
P2	19W	T1S	1,801	95	1	0	1	1,886	99	1	0	1	1,981	104	1	0	1	1,957	103	1	0	1					
		T2M	1,875	99	1	0	1	1,963	103	1	0	1	2,061	109	1	0	1	2,037	107	1	0	1					
		T3M	1,876	99	1	0	1	1,964	103	1	0	1	2,062	109	1	0	1	2,038	107	1	0	1					
		T4M	1,836	97	1	0	1	1,922	101	1	0	1	2,018	106	1	0	1	1,994	105	1	0	1					
		TFTM	1,847	97	1	0	1	1,934	102	1	0	1	2,030	107	1	0	1	2,006	106	1	0	1					
P3	32W	T1S	2,809	87	1	0	1	2,942	92	1	0	1	3,089	96	1	0	1	3,052	95	1	0	1					
		T2M	2,924	91	1	0	1	3,062	95	1	0	1	3,215	100	1	0	1	3,176	99	1	0	1					
		T3M	2,925	91	1	0	1	3,063	95	1	0	1	3,216	100	1	0	1	3,177	99	1	0	1					
		T4M	2,862	89	1	0	1	2,997	93	1	0	1	3,147	98	1	0	1	3,110	97	1	0	1					
		TFTM	2,880	90	1	0	1	3,015	94	1	0	1	3,166	99	1	0	1	3,128	97	1	0	1					
P4	47W	T1S	3,729	80	1	0	1	3,904	84	1	0	1	4,099	88	1	0	1	4,051	87	1	0	1					
		T2M	3,881	83	1	0	1	4,063	87	1	0	1	4,267	91	1	0	1	4,216	90	1	0	1					
		T3M	3,882	83	1	0	1	4,065	87	1	0	1	4,268	91	1	0	1	4,217	90	1	0	1					
		T4M	3,799	81	1	0	1	3,978	85	1	0	1	4,177	90	1	0	1	4,127	88	1	0	1					
		TFTM	3,822	82	1	0	1	4,002	86	1	0	1	4,202	90	1	0	1	4,152	89	1	0	1					

Performance Package	System Watts	Dist. Type	27K (2700K, 70 CRI)					30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)									
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G					
P0	7W	T3M	737	107	0	0	0	763	111	0	0	0	822	119	0	0	0	832	121	0	0	1					
		T4M	721	105	0	0	0	746	108	0	0	0	804	117	0	0	1	814	118	0	0	1					
P1	11W	T3M	1,280	115	0	0	1	1,325	119	0	0	1	1,427	128	1	0	1	1,445	129	1	0	1					
		T4M	1,253	112	0	0	1	1,297	116	0	0	1	1,397	125	0	0	1	1,415	127	0	0	1					
P2	19W	T3M	2,087	110	1	0	1	2,160	114	1	0	1	2,327	123	1	0	1	2,357	124	1	0	1					
		T4M	2,042	108	1	0	1	2,114	111	1	0	1	2,278	120	1	0	1	2,306	121	1	0	1					
P3	32W	T3M	3,254	101	1	0	1	3,369	105	1	0	1	3,629	113	1	0	1	3,675	114	1	0	1					
		T4M	3,185	99	1	0	1	3,297	103	1	0	1	3,552	111	1	0	1	3,597	112	1	0	1					
P4	47W	T3M	4,319	93	1	0	1	4,471	96	1	0	1	4,817	103	1	0	2	4,878	105	1	0	2					
		T4M	4,227	91	1	0	1	4,376	94	1	0	2	4,714	101	1	0	2	4,774	102	1	0	2					

Electrical Load

Performance Package	System Watts	Current (A)					
		120Vac	208Vac	240Vac	277Vac	347Vac	480Vac
P0	7.0	0.061	0.042	0.04	0.039	--	--
	9.0	--	--	--	--	0.031	0.021
P1	11.0	0.100	0.064	0.059	0.054	--	--
	14.1	--	--	--	--	0.046	0.031
P2	19.0	0.168	0.106	0.095	0.083	--	--
	22.8	--	--	--	--	0.067	0.050
P3	32.0	0.284	0.163	0.144	0.131	--	--
	37.1	--	--	--	--	0.107	0.079
P4	47.0	0.412	0.234	0.207	0.185	--	--
	53.5	--	--	--	--	0.153	0.112

Lumen Output in Emergency Mode (4000K, 80 CRI, T3M)

Option	Lumens
E10WH	1,358
E20WC	2,230

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.93	>0.87

Photometric Diagrams

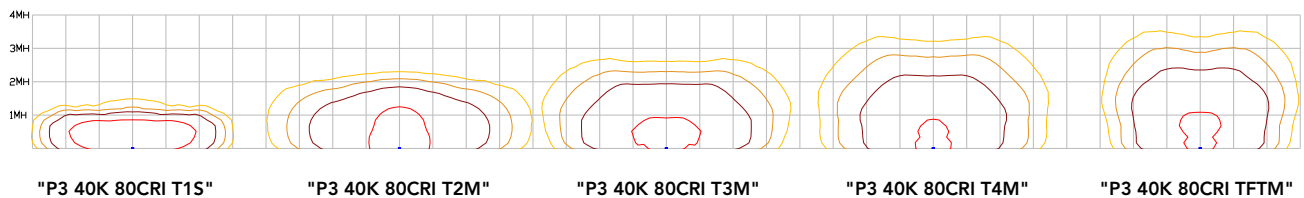
To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND

- 0.25 fc
- 0.5 fc
- 1.0 fc
- 3.0 fc

MH = 10ft

Grid = 10ft x 10ft



Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90 minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

Control / Sensor Options

Motion/Ambient Sensor (PIR, PIRH)

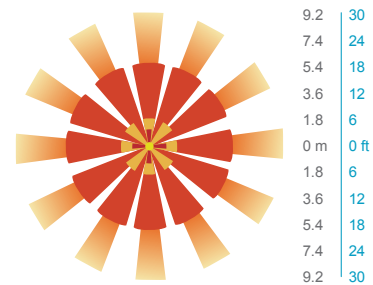
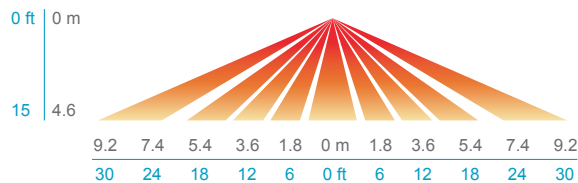
Motion/Ambient sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

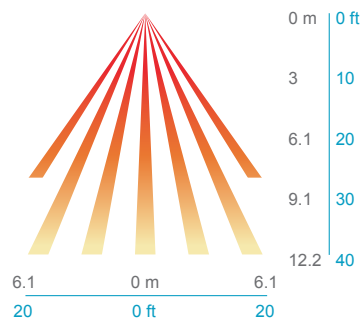
PIR

HIGH VIEW

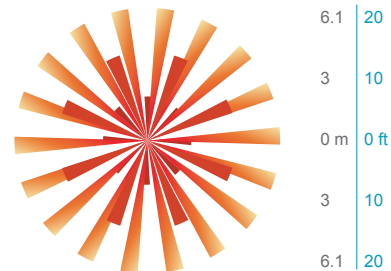


PIRH

SIDE VIEW



TOP VIEW



Option	Dim Level	High Level (when triggered)	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH, NLTAIREM2 PIR, NLTAIREM2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec

UL 924 Response – nLight AIR Devices with EM Option

- NLTAIREM2 devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, NLTAIREM2 devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- The non-emergency devices, NLTAIR2 PIR and NLTAIR2 PIRH, with version 3.4 or later firmware can be used for normal power sensing.



Motion/Ambient Sensor

D = 7"
 H = 9" (Standalone controls)
 11" (nLight AIR controls, 2" antenna will be pointing down behind the sensor)
 W = 11.5"



PBBW – Surface-Mounted Back Box Use when there is no junction box available.

D = 1.75"
 H = 9"
 W = 11.5"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"
 H = 4.4"
 W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

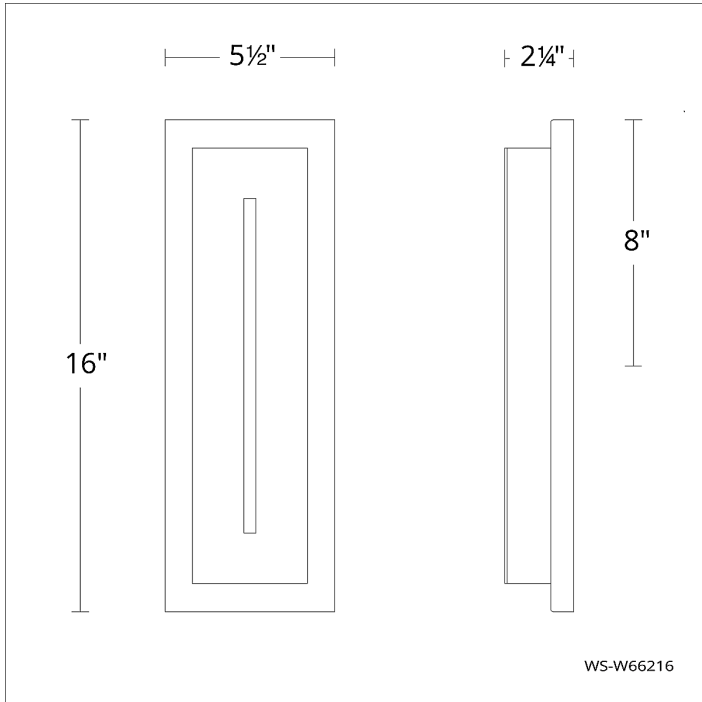
GOVERNMENT PROCUREMENT

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-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

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



Project: _____

Location: _____

Fixture Type: _____

Catalog Number: _____

AVAILABLE FINISHES:



Midnight

WS-W66216

PRODUCT DESCRIPTION

The Midnight exterior wall light is a minimalist rectangular design delivering visual interest to facades. Color temperature selectable ambient LED illumination is cast through mitered glass from the front and side edges of this outdoor LED luminaire.

FEATURES

- ACLED driverless technology
- Front and ambient illumination
- Built in color temperature adjustability. Switch from 3000K/3500K/4000K
- Option to pre-select color temperature or adjust in the field

SPECIFICATIONS

Rated Life	54000 Hours
Standards	ETL, cETL, Wet Location Listed, IP65, 2019 Compliant
Input	120 VAC, 50/60Hz
Dimming	ELV: 100-10%, TRIAC: 100-10%
Mounting	Can be mounted on wall in all orientations
Color Temp	3500K, 4000K, 3000K
CRI	90
Construction	Aluminum body with mitered glass diffuser

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W66216 16"	3000K	BK Black	17W	1654	415
	3500K	BK Black	17W	1708	428
	4000K	BK Black	17W	1641	411

Example: **WS-W66216-40-BK**

For custom requests please contact customs@modernforms.com



Project: _____

Location: _____

Fixture Type: _____

Catalog Number: _____

AVAILABLE FINISHES:



Midnight

WS-W66226

PRODUCT DESCRIPTION

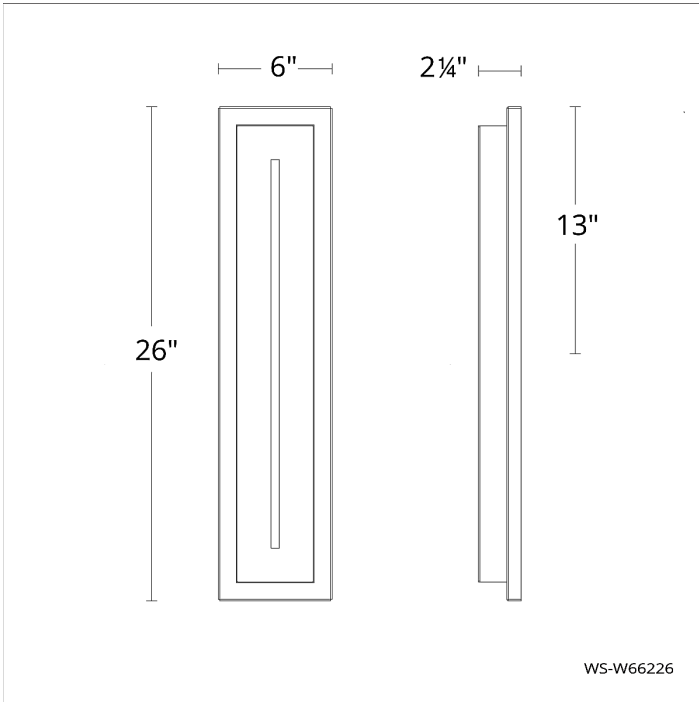
The Midnight exterior wall light is a minimalist rectangular design delivering visual interest to facades. Color temperature selectable ambient LED illumination is cast through mitered glass from the front and side edges of this outdoor LED luminaire.

FEATURES

- ACLED driverless technology
- Front and ambient illumination
- Built in color temperature adjustability. Switch from 3000K/3500K/4000K
- Option to pre-select color temperature or adjust in the field

SPECIFICATIONS

Rated Life	54000 Hours
Standards	ETL, cETL, Wet Location Listed, IP65, 2019 Compliant
Input	120 VAC, 50/60Hz
Dimming	ELV: 100-10%, TRIAC: 100-10%
Mounting	Can be mounted on wall in all orientations
Color Temp	3000K, 3500K, 4000K
CRI	90
Construction	Aluminum body with mitered glass diffuser



WS-W66226

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W66226 26"	3000K	BK Black	22.7W	2356	561
	3500K	BK Black	22.7W	2449	582
	4000K	BK Black	22.7W	2409	571

Example: **WS-W66226-40-BK**

For custom requests please contact customs@modernforms.com

Image Coming Soon

Project:

Location:

Fixture Type:

Catalog Number:

AVAILABLE FINISHES:



Midnight

WS-W66236

PRODUCT DESCRIPTION

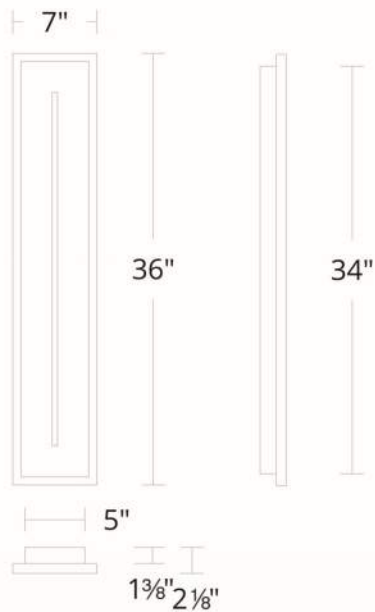
The Midnight exterior wall light is a minimalist rectangular design delivering visual interest to facades. Color temperature selectable ambient LED illumination is cast through mitered glass from the front and side edges of this outdoor LED luminaire.

FEATURES

- ACLED driverless technology
- Front and ambient illumination
- Built in color temperature adjustability. Switch from 3000K/3500K/4000K
- Option to pre-select color temperature or adjust in the field

SPECIFICATIONS

Rated Life	54000 Hours
Standards	ETL, cETL, Wet Location Listed, IP65, 2019 Compliant
Input	120 VAC, 50/60Hz
Dimming	ELV: 100-10%, TRIAC: 100-10%
Mounting	Can be mounted on wall in all orientations
Color Temp	3000K, 3500K, 4000K
CRI	90
Construction	Aluminum body with mitered glass diffuser



WS-W66236

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W66236 36"	3000K	BK Black	36.2W	3200	610
	3500K	BK Black	36.2W	3200	610
	4000K	BK Black	36.2W	3200	610

Example: **WS-W66236-40-BK**

For custom requests please contact customs@modernforms.com



Project: _____

Location: _____

Fixture Type: _____

Catalog Number: _____

AVAILABLE FINISHES:



Midnight

WS-W66246

PRODUCT DESCRIPTION

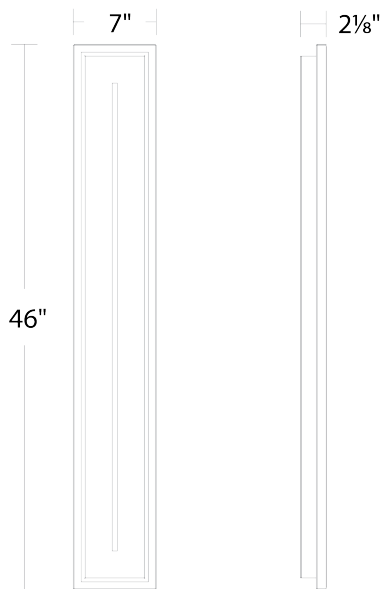
The Midnight exterior wall light is a minimalist rectangular design delivering visual interest to facades. Color temperature selectable ambient LED illumination is cast through mitered glass from the front and side edges of this outdoor LED luminaire.

FEATURES

- ACLED driverless technology
- Front and ambient illumination
- Built in color temperature adjustability. Switch from 3000K/3500K/4000K
- Option to pre-select color temperature or adjust in the field

SPECIFICATIONS

Rated Life	54000 Hours
Standards	ETL, cETL,Wet Location Listed,IP65
Input	120 VAC,50/60Hz
Dimming	ELV: 100-10%,TRIAC: 100-10%
Mounting	Can be mounted on wall in all orientations
Color Temp	3000K,3500K,4000K
CRI	90
Construction	Aluminum body with mitered glass diffuser

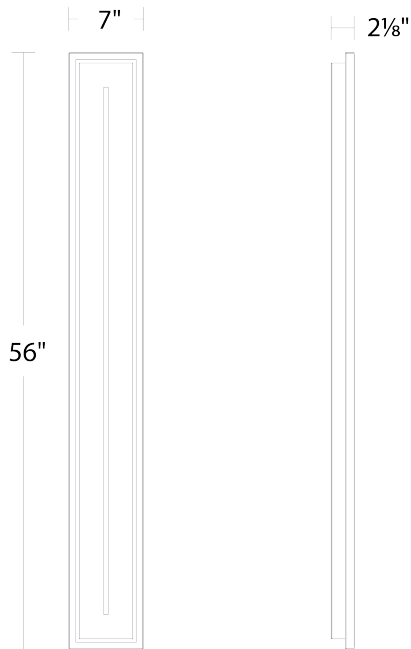


WS-W66246

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W66246 46"	3000K	BK Black	47.4W	5026	904
	3500K	BK Black	47.4W	5223	957
	4000K	BK Black	47.4W	5137	946

Example: **WS-W66246-40-BK**

For custom requests please contact customs@modernforms.com



WS-W66256

Project: _____

Location: _____

Fixture Type: _____

Catalog Number: _____

AVAILABLE FINISHES:



Midnight

WS-W66256

PRODUCT DESCRIPTION

The Midnight exterior wall light is a minimalist rectangular design delivering visual interest to facades. Color temperature selectable ambient LED illumination is cast through mitered glass from the front and side edges of this outdoor LED luminaire.

FEATURES

- ACLED driverless technology
- Front and ambient illumination
- Built in color temperature adjustability. Switch from 3000K/3500K/4000K
- Option to pre-select color temperature or adjust in the field

SPECIFICATIONS

Rated Life	54000 Hours
Standards	ETL, cETL, Wet Location Listed, IP65, 2019 Compliant
Input	120 VAC, 50/60Hz
Dimming	ELV: 100-10%, TRIAC: 100-10%
Color Temp	4000K, 3500K, 3000K
CRI	90
Construction	Aluminum body with mitered glass diffuser
Mounting	Can be mounted on wall in all orientations

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W66256 56"	3000K	BK Black	58.8W	6165	1135
	3500K	BK Black	58.8W	6540	1205
	4000K	BK Black	58.8W	6416	1187

Example: **WS-W66256-40-BK**

For custom requests please contact customs@modernforms.com

Image Coming Soon

Project:

Location:

Fixture Type:

Catalog Number:

AVAILABLE FINISHES:



Midnight

WS-W66266

PRODUCT DESCRIPTION

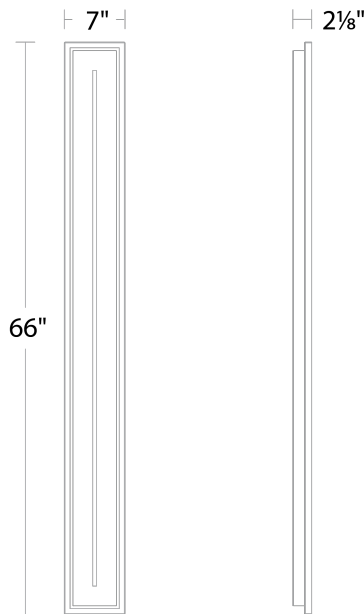
The Midnight exterior wall light is a minimalist rectangular design delivering visual interest to facades. Color temperature selectable ambient LED illumination is cast through mitered glass from the front and side edges of this outdoor LED luminaire.

FEATURES

- ACLED driverless technology
- Front and ambient illumination
- Built in color temperature adjustability. Switch from 3000K/3500K/4000K
- Option to pre-select color temperature or adjust in the field

SPECIFICATIONS

Rated Life	54000 Hours
Standards	ETL, cETL, Wet Location Listed, IP65, 2019 Compliant
Input	120 VAC, 50/60Hz
Dimming	ELV: 100-10%, TRIAC: 100-10%
Color Temp	3500K, 3000K, 4000K
CRI	90
Construction	Aluminum body with mitered glass diffuser
Mounting	Can be mounted on wall in all orientations



WS-W66266

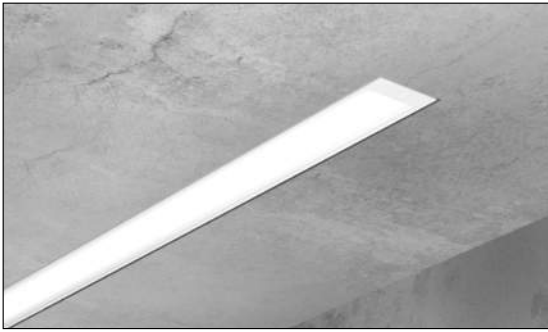
Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W66266 66"	3000K	BK Black	64.4W	7200	1315
	3500K	BK Black	64.4W	7300	1296
	4000K	BK Black	64.4W	7100	1231

Example: **WS-W66266-40-BK**

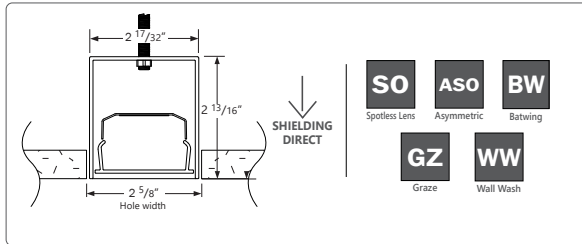
For custom requests please contact customs@modernforms.com

Extend 2

Recessed mount



Project _____
 Type _____
 Notes _____



PERFORMANCE PER LINEAR FOOT AT 3500K, 80 CRI

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY	SHIELDING
1000 lm/ft	9.8 W/ft	101 lm/W	SO
750 lm/ft	7.2 W/ft	103 lm/W	GZ
750 lm/ft	7.4 W/ft	101 lm/W	ASO
1000 lm/ft	9.7 W/ft	102 lm/W	BW
750 lm/ft	7.4 W/ft	101 lm/W	WW

*Please consult factory for custom lumen output and wattage.

Ordering Guide



EX2R		NOM. LUM/FT		CRI		COLOR TEMP. (choose one)		SHIELDING DIRECT			
EX2R	Extend 2 Recessed	300	300 lm/ft - min	80	80 CRI	27	2700 K	SO	spotless lens		
		750	750 lm/ft - max for GZ, WW, ASO*	90	90 CRI	30	3000 K	GZ	graze		
		1000	1000 lm/ft - max			35	3500 K	WW	wallwash		
						40	4000 K	ASO	asymmetric		
						50	5000 K	BW	batwing		
Ships with 7/8" hole standard for power connection by others if no optional power feed is specified, see page 3 for details.				Outputs between listed min and max are available. * 750 lm/ft max. only for GZ, WW and ASO. Consult factory for outputs outside of the listed range.				Choose only one of the options above;			

LENGTH (FT)	FINISH	VOLTAGE	DRIVER	CIRCUITS	MOUNTING
2 2'	AP aluminum paint	120 120 V	DP dimming (0-10V) 1%	1 1 circuit	DF flange
3 3'	W white	277 277 V	DPX dimming (0-10V) 1%, extended temp. range (-40°C - +50°C)	2 2 circuits	D flangeless
4 4'	BLK black	347 347 V*	LT(#) Lutron*	+E(#) emergency circuit*	DS drywall spackle flange
5 5'	C custom	UNV universal	BI bi-level dimming	+NL(#) night light circuit*	
6 6'			O(#) other*	+GTD(#) generator transfer device* **	
7 7'					
8 8'					
12 12'					
S(L) System Run					
Lengths are nominal. Exact lengths can be specified, please consult factory.		*Remote surge protection device only	*Please consult factory; see page 2.	*Specify quantity. Minimum 3ft fixture length. ** 120V and 277V only. Please specify.	

BATTERY (OPTIONAL)	IC CONTROLS (OPT.)	OTHER (OPTIONAL)	CUSTOM (OPTIONAL)
B(#) battery pack (integral)* BR(#) battery pack (remote)**	OS(#) occupancy sensor DOS(#) daylight & occupancy sensor	+TF top feed* +EF end feed* +N natatorium finish	C custom
*Minimum 3ft. **Dry/Damp location only. Please consult factory.	Specify quantity. Requires 8" blank. See integrated controls guide for more details.	7/8" diameter top power feed hole provided standard. See page 3 for more details. *Comes with liquid tight connector and 10ft of plenum rated power cable. Not available for 347 V.	Please specify

CONSTRUCTION

Housing	Extruded aluminum (0.08" nominal) Up to 70% recycled content
End Cap	Cast aluminum
Interior Brackets	Die formed sheet steel (18 gauge)
Gaskets	Silicone rubber
Lens Gaskets	Extruded elastomer
Lens	Extruded acrylic
Fasteners	All external fasteners are tamper proof TORX T20

OPTICS

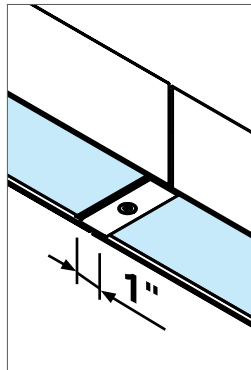


SO	Spotless lens;
ASO	Asymmetric Spotless lens;
WW	Wallwash;
BW	Batwing;
GZ	Graze.

Impact modified PMMA lens used for all shielding options.

SYSTEM (S(L))

Lengths of 2'-12' standalone are available. Runs of EXTEND2 that are greater than 12' in length are designated as systems (S(L)). System runs are comprised of a combination of 4' to 8' sections to be assembled on site using our joining system which includes a 1" sealed joiner plate. For more information on systems and joining, please refer to the EXTEND2 installation sheets available for download at www.axislighting.com.



WEIGHT

Recessed 4 ft	9 lbs / 4.1 kg
Recessed 8 ft	18 lbs / 8.2 kg
Recessed 12 ft	27 lbs / 12.3 kg

FINISHES

Powder coated and custom finishes are also available.

OTHER MOUNTING OPTIONS

EXTEND 2 is also available with pendant, surface and wall mounted options.

i Specification sheets and installation sheets for all mountings for EXTEND 2 luminaires are available for download at www.axislighting.com

ELECTRICAL

DP	0-10V dimming driver. Ambient operating temperature -30°C - +40°C
DPX	0-10V dimming driver with extended temperature range (-40°C - +50°C)
Lutron driver	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black (min ambient operating temperature - 0°C (32°F).
Other drivers	DALI* - Digital Addressable Lighting Interface DMX* - Digital Multiplex Xitanium SR* - For wireless sensor
Choose driver from available options. * Ambient operating range: -20°C - +40°C	

Emergency	B(#) Integral Emergency Battery pack, 3ft minimum. Operating temperature (-20° to 50°C) for 120V to 277V; (0°C to 50°C) for 347V BR(#) Remote emergency battery pack operating temperature range (-20°C- +50°C) for 120V to 277V; (0°C - +50°C) for 347V.
Input Voltage	120V, 277V, 347V, UNV.

Surge Protection Extend comes standard with surge protection device.

i Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CCT Single Color	Choice of 2700K, 3000K, 3500K, 4000K and 5000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Environment	Dry and wet location rated IP66 for outdoor or indoor use. Impact resistant rated IK10. Vandal & ligature resistant (D and DS mounting)

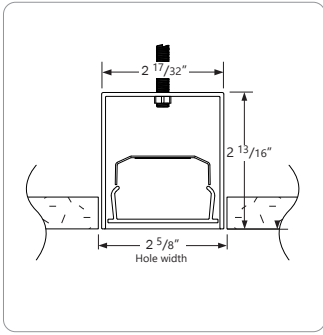
APPROVALS

Certified wet locations to UL and CUL standards. IP66 and IK10 rated.

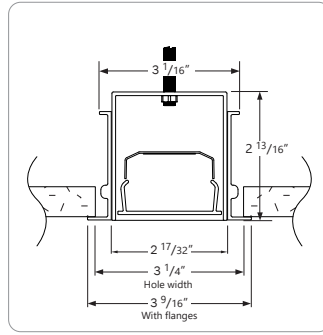
WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

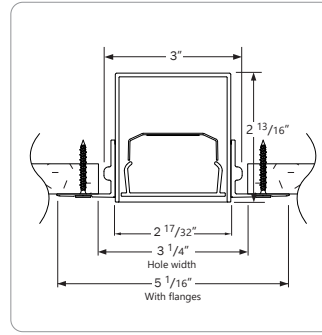
● CEILING MOUNTING OPTIONS



D FLANGELESS WITH
1/4-20 STUD MOUNTING

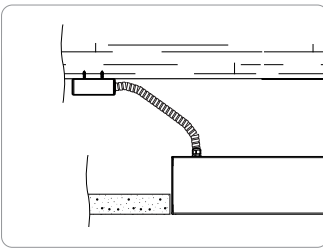


DF VISIBLE FLANGES WITH
1/4-20 STUD MOUNTING



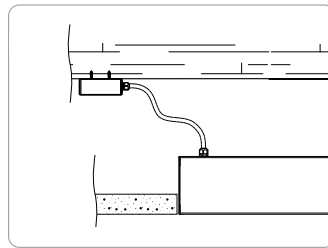
DS SPACKLE FLANGES

● POWER FEED



7/8" Diameter opening provided.
Conduit and electrical connection by
others.

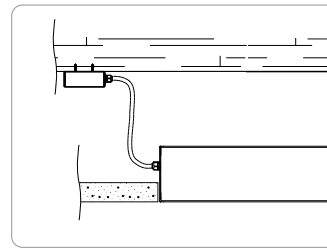
STANDARD



TF TOP FEED

OPTIONAL

Liquid tight connector and 10ft of
plenum rated power cable provided.



EF END FEED

OPTIONAL

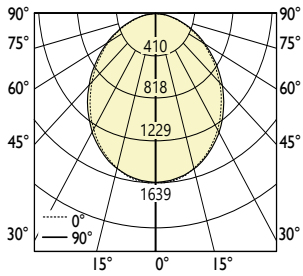
Liquid tight connector and 10ft of
plenum rated power cable provided.

● PHOTOMETRIC DATA

SO - Spotless lens
1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 3982 lm (for 4ft)
Input Watts: 39.5 W
Efficacy: 101 lm/W
 IES FILE: EX2R-1000-80-35-SO-4.IES

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1639	1639	1639	1639	1639
5	1626	1621	1622	1620	1626
15	1539	1533	1532	1527	1526
25	1377	1370	1366	1355	1354
35	1165	1159	1150	1134	1134
45	928	923	916	898	897
55	687	682	677	658	657
65	451	445	440	425	421
75	224	221	216	203	203
85	44	43	39	33	33
90	3	3	3	3	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	154
10-20	432
20-30	630
30-40	722
40-50	709
50-60	608
60-70	439
70-80	233
80-90	54
90	

LUMINANCE DATA (cd/m²)

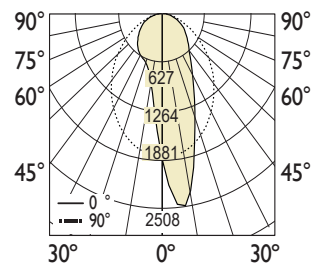
Vertical Angle	Horizontal Angles		
	0	45	90
45	37100	36644	35884
55	33888	33389	32377
65	30182	29417	28191
75	24519	23546	22127
85	14416	12814	10812

GZ Graze

750 lm/ft



PHOTOMETRIC CURVE



Lumen/ft 750 lm/ft
Total Lumens: 2971 lm (for 4ft)
Input Watts: 28.8 W
Efficacy: 103 lm/W
 IES FILE: EX2R-750-80-35-GZ-4.IES

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2105	2105	2105	2105	2105
5	2092	2304	2435	2492	2508
15	1961	2361	2115	1824	1745
25	1688	1903	1381	1116	1062
35	1294	1295	869	749	738
45	849	786	585	571	583
55	510	462	401	424	438
65	280	263	250	272	276
75	126	122	121	123	117
85	26	27	27	25	25
90	3	3	2	2	2

ZONAL LUMENS

Zone	Lumens
0	
0-10	190
10-20	453
20-30	544
30-40	534
40-50	468
50-60	371
60-70	254
70-80	128
80-90	30
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	16868	11615	11585
55	12499	9831	10726
65	9313	8296	9160
75	6836	6554	6362
85	4196	4398	4033

i All IES files are available for download at: www.axislighting.com

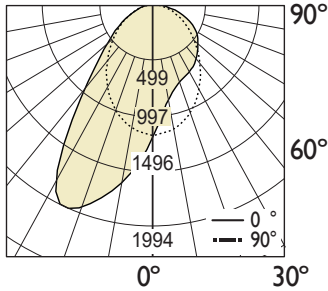
● PHOTOMETRIC DATA

WW Walwash



750 lm/ft

PHOTOMETRIC CURVE



Lumen/ft: 750 lm/ft
Total Lumens: 2987 lm (for 4ft)
Input Watts: 29.6 W
Efficacy: 101 lm/W

IES FILE: EX2R-750-80-35-WW-4.IES

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1232	1232	1232	1232	1232
5	1222	1149	1097	1057	1052
15	1134	948	852	807	797
25	965	752	693	686	690
35	751	584	578	611	634
45	535	440	471	535	570
55	362	313	356	437	477
65	224	203	235	312	343
75	113	103	120	156	162
85	24	23	26	22	21
90	3	4	4	3	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	117
10-20	342
20-30	541
30-40	610
40-50	527
50-60	404
60-70	274
70-80	139
80-90	33
90	

LUMINANCE DATA (cd/m²)

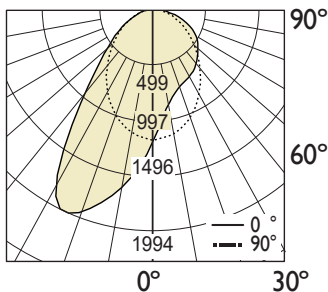
Vertical Angle	Horizontal Angles		
	0	45	90
45	10630	9359	11321
55	8858	8728	11689
65	7462	7806	11399
75	6114	6524	8813
85	3919	4146	3429

ASO Asymmetric



750 lm/ft

PHOTOMETRIC CURVE



Lumen/ft: 750 lm/ft
Total Lumens: 2987 lm (for 4ft)
Input Watts: 29.6 W
Efficacy: 101 lm/W

IES FILE: EX2R-750-80-35-ASO-4.IES

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1232	1232	1232	1232	1232
5	1222	1149	1097	1057	1052
15	1134	948	852	807	797
25	965	752	693	686	690
35	751	584	578	611	634
45	535	440	471	535	570
55	362	313	356	437	477
65	224	203	235	312	343
75	113	103	120	156	162
85	24	23	26	22	21
90	3	4	4	3	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	117
10-20	342
20-30	541
30-40	610
40-50	527
50-60	404
60-70	274
70-80	139
80-90	33
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10630	9359	11321
55	8858	8728	11689
65	7462	7806	11399
75	6114	6524	8813
85	3919	4146	3429

i All IES files for other lamping are available for download at: www.axislighting.com

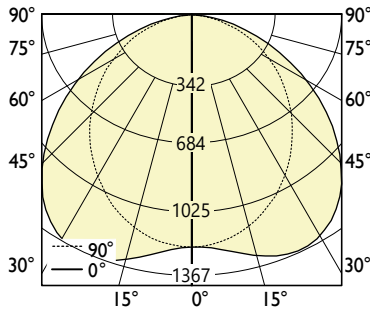
● PHOTOMETRIC DATA

BW Batwing



1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft 1000 lm/ft
Luminaire Lumens: 3990 lm
Input Watts: 39.1 W
Efficacy: 102 lm/W

IES FILE: EX2R-1000-80-35-BW-4.IES

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1191	1191	1191	1191	1191
5	1184	1187	1194	1201	1204
15	1128	1150	1207	1263	1285
25	1024	1076	1200	1314	1357
35	885	961	1139	1279	1329
45	727	809	1003	1128	1163
55	555	626	796	877	895
65	376	422	539	576	575
75	191	212	265	262	258
85	39	43	46	37	38
90	4	4	4	5	5

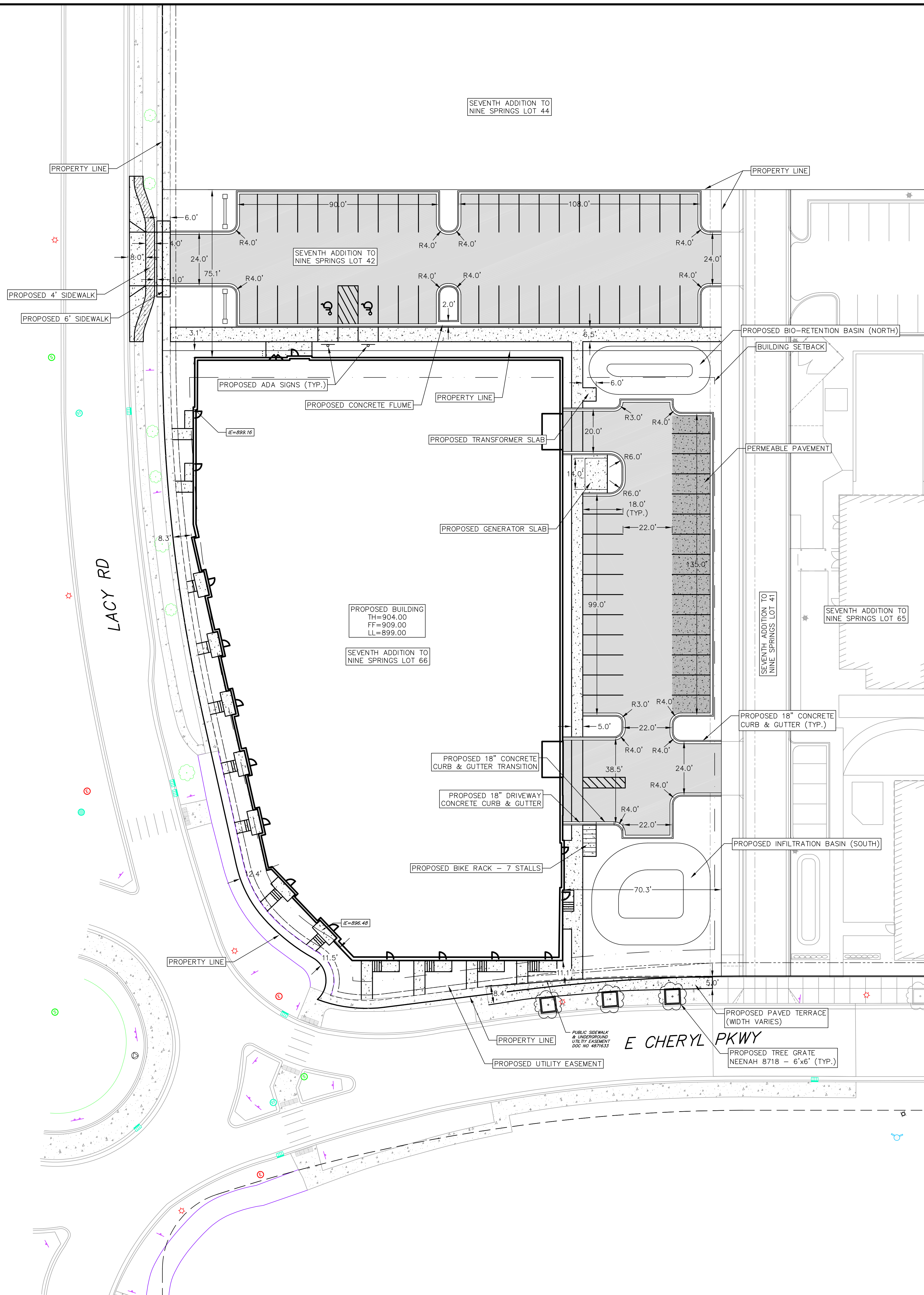
ZONAL LUMENS

Zone	Lumens
0	
0-10	114
10-20	342
20-30	553
30-40	705
40-50	755
50-60	684
60-70	508
70-80	268
80-90	60
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	14449	19916	23111
55	13600	19496	21913
65	12488	17902	19111
75	10375	14386	14000
85	6255	7386	6081

i All IES files for other lamping are available for download at: www.axislighting.com



SITE PLAN LEGEND

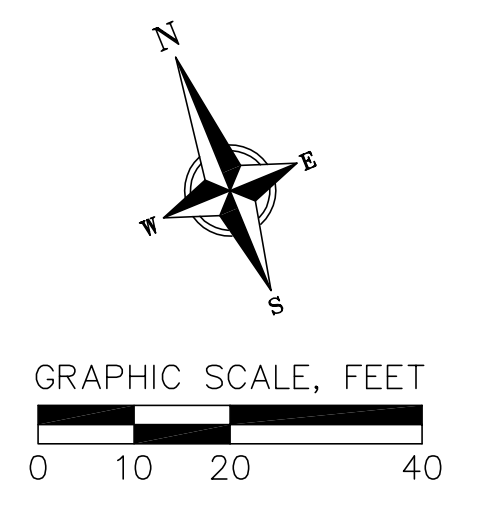
- PROPERTY BOUNDARY
- CURB AND GUTTER (REVERSE CURB HATCHED)
- PROPOSED CHAIN LINK FENCE
- PROPOSED WOOD FENCE
- PROPOSED CONCRETE
- PROPOSED LIGHT-DUTY ASPHALT
- PROPOSED PERMEABLE PAVEMENT
- PROPOSED BUILDING
- PROPOSED SIGN
- PROPOSED LIGHT POLE
- PROPOSED BOLLARD
- PROPOSED ADA DETECTABLE WARNING FIELD
- PROPOSED HANDICAP PARKING

- SITE PLAN NOTES:**
- CONCRETE TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED SAND OR CRUSHED STONE.
 - CONCRETE FOR DRIVEWAYS AND SIDEWALK AT DRIVEWAY ENTRANCES SHALL BE 7" THICK, CONSTRUCTED ON A BASE OF 5" COMPACTED SAND OR CRUSHED STONE.
 - ALL DIMENSIONS WITH CURB & GUTTER ARE REFERENCED TO THE FACE OF CURB.
 - CONTRACTOR SHALL DEEP TILL ANY DISTURBED AREAS AFTER CONSTRUCTION IS COMPLETE AND BEFORE RESTORING.
 - CONTRACTOR TO OBTAIN ANY NECESSARY DRIVEWAY CONNECTION, RIGHT OF WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
 - ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES THAT IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.


SITE PLAN DATA TABLE

TRANSECT ZONE	T5
SITE SIZE (LOT66/OL42)	83,995 SF
LOT COVERAGE ¹	79.52% (66,789 SF)
IMPERVIOUS AREA	66,789 SF
PARKING STALLS	171 TOTAL (5 ADA)

¹ ASSUMES PERMEABLE PAVEMENT DOES NOT COUNT TOWARDS LOT COVERAGE AREA



NOT FOR CONSTRUCTION


vierbicher
 planners | engineers | advisors

OVERALL SITE PLAN
 THE LIDO - AVANTE PROPERTIES
 CITY OF FITCHBURG
 DANE COUNTY, WISCONSIN

NO.	DATE	REVISIONS	
		NO.	DATE

DATE: 8/15/2025
 DRAFTER: JGOL
 CHECKED: JZAM
 PROJECT NO.: 170229

C200