



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

ARCHITECTURAL & DESIGN REVIEW APPLICATION

Applicant/Contact Person: WORONORA VENTURES LLC - EDWARD HOYT

Address: 3101 Fish Hatchery Road #411 **Phone Number of Contact Person:** 608-949-2151

City, State, Zip Code: Fitchburg WI 53713 **Email of Contact Person:** ned@happenstancegroup.com.a

Project Address: 2674 Botanical Drive **Lot:** 7 **Subdivision:** Hartung Fields

Project Type: **Multi-Family** **Commercial** **Industrial** **Other**
 New **Addition**

Impervious Surface Ratio (ISR): 85 (City Standard: maximum 65% ISR)

All items listed below must be included with the application to be considered complete. If an item is not included with the application, the applicant must provide in writing the basis for not including it. Building and site plans submitted to the Fitchburg Plan Commission for architectural and design review shall contain the following information:

Site Data:

- 1. Lot or property dimensions.
- 2. Orientation (to north).
- 3. Adjacent highways, roads, drive, etc.
- 4. Existing natural features (rivers, ponds, wetlands).
- 5. Existing buildings and/or improvements.
- 6. Existing and proposed site drainage.
- 7. Utility plans, including main/lateral sizes and existing fire hydrants on site or within 300 feet of the site
- 8. ISR shall be indicated on all plans.
- 9. Stormwater management plans and details, including grading plan.
- 10. Lighting plan in footcandles and light fixture cut sheets.

Building:

- 1. Building size, configuration and orientation.
- 2. Distance from lot lines.
- 3. Distance from other buildings, improvements and natural features.
- 4. Location of well, septic tank, drainfield, etc. (if applicable)
- 5. Additional proposed additions or new structures, including trash/recycling enclosure(s).
- 6. Construction type (wood frame, structural steel, etc.).
- 7. Foundation type (full basement, slab on grade, etc.).
- 8. Number of levels.
- 9. Siding/exterior covering type, color, texture, etc.
- 10. Roof type (gable, hip, shed, flat, etc.) and pitch.
- 11. Roofing material type, color, texture, etc.
- 12. Exterior door and window location, size, type, etc.
- 13. Fire protection sprinklers or fire alarm systems.

Ingress, Egress, Parking:

- 1. Location of highway and road access points.
- 2. Location, size, configuration of drivers and walks.
- 3. Number, size, location of parking spaces.
- 4. Location of handicapped parking and accessible building entrances.
- 5. Bicycle rack(s).

Landscaping:

- 8 1. Location, species, size of existing trees, shrubs, and plantings.
- 8 2. Location, species, size of proposed plantings.
- 8 3. Location and size of all paved, seeded/sodded and gravelled areas.
- 8 4. Location of all retaining walls, fences, berms and other landscape features.

***It is highly recommended that an applicant hold at least one neighborhood meeting prior to submitting an ADR application to identify any concerns or issues of surrounding residents.**

The preceding information is considered to be the minimum information for submission, and the City may require additional information for its review. Any interpretations provided by city officials as the result of submitting the attached information are based on the submitted plans, and any plan changes, may affect the interpretations.

It is the responsibility of the owner/applicant to insure compliance with all local and state requirements. The below signed applicant acknowledges the above information and hereby submits the attached information for the City's Architectural and Design Review Process.

Signed:  Date: 11 March 2025
Applicant or Authorized Agent

***** Application shall be accompanied by one (1) sets of full-size plans, two (2) sets no larger than 11"x17", and one (1) pdf document of the complete submittal to planning@fitchburgwi.gov. Applications are due at least 4 weeks prior to the desired Plan Commission Meeting. The time frame assumes a complete set of plans is provided, and if it is not provided the Plan Commission date will be adjusted.**

FOR CITY USE ONLY

Date Received: _____ Plan Commission Date: _____

Comments:



JLA
ARCHITECTS

RESPONSE LETTER

Date: April 04, 2025

To: City of Fitchburg - Planning/Zoning Department
Attn. Deanna Schmidt, City Planner & Zoning Administrator
5520 Lacy Road
Fitchburg, Wisconsin 53711
via email delivery only

Project Name: Hartung Fields Lot 7 Development High Density Residential Development
(Hartung Fields Apartments – Building B)

ADR Application # : ADR-25-10

JLA Project: W22-0913-02

Message:

On behalf of our client, Edward Hoyt of Woronora Ventures LLC, attached you will find our responses to the comments for our ADR Submittal (ADR-25-10)

Planning & Zoning Comments:

1. Be prepared to provide an overview of your proposal to the Plan Commission and to be available for questions. In-person or virtual attendance for applicants is permitted. Be sure to contact Deanna Schmidt or Zack Jones in the Planning office for virtual attendance registration in advance of the meeting.
 - Our team will be prepared and Ned Hoyt will present via Zoom. We will reach out in advance for virtual attendance registration for additional attendees.
2. Bike parking shall comply with the standards of the APBP referenced....[Bike-Parking-Standards \(fitchburgwi.gov\)](http://fitchburgwi.gov)
 - Acknowledged, and will be provided by the standards of APBP.
3. The materials appear to be generally consistent/complementary to the Lot 8 to the North. Are there any key differences? Are there any key changes from the previous proposal?
 - Our intention for this building on Lot 8 to be a bridge between our building on Lot 7 and for the future Lot 9 . The projects materials were selected to be consistent in visual language but also providing its own unique building design. The key differences for Lot 8 are that we have opted for some simplification of materials on the corners, with more vertical elements, and less horizontal elements throughout and have focused more on physical articulation of the building. There are no large-scale changes from the previous SIP proposal, as we have only further refined the building exterior design.
4. Are further details available regarding the exposed, elevated courtyard available at this time?
 - We have provided an enlarged courtyard plan with further detail for your review.

5. What design elements can be included in order to enhance the view of the Northern facade to be more visually interactive with the pedestrian throughway? Currently that facade feels long and blank.
 - Our team has incorporated a variety of materials and also articulation in the exterior wall plane to provide visual interest and break up the length of the facade. If you look at the floor plan, you can see how we are using balconies and undulations in the floor plate. At the pedestrian level we have incorporated landscaping to soften the 1st floor level near the sidewalks, please refer to the landscape plans for more detailed information.
6. Similarly, what in particular can be done to the East and West facades? Particularly the East, which is in closest proximity to the public way. It's an attractive facade overall but these are long, blank facades that can be unengaging with pedestrians. Further, the garage doors particularly on the east side should be a high design type that is attractive to the facade. Please advise.
 - There is articulation of the floor plate on all facades and also usage of alternating materials to physically and visually break up the long lengths – as describe above in item#5. At the pedestrian level we have incorporated landscaping to soften the 1st floor level near the sidewalks, please refer to the landscape plans for more detailed information.
 - There is no garage door on the east side of the building, as those are color matched ventilation louvers. We do have a garage door on the west elevation, which will be our standard garage door that we use in all our projects.
7. Lighting shall comply with the City's Chapter 28 lighting ordinance.
 - Our lighting specifications and in compliance with the Ch28 lighting ordinance and will be installed in compliance, as with our previous projects.
8. Please detail any rooftop electrical/mechanical equipment to be screened?
 - The parapet walls and the addition of solar panels will help screen the mechanical units. Per the roof plans, the mechanical units are located on the center of the building roof line. From a pedestrian or vehicular perspective, the roof equipment would be difficult to see due to the viewing angle from at grade. Please see attached "Line of Site" exhibit to further clarify.
9. Any signage shall conform to Chapter 26 requirements.
 - This is noted and we will conform any signage to Ch 26 requirements.
10. Park fees are required if not included in the Hartung letter of credit. Please work with Deanna.
 - Acknowledged and will work with Deanna on Park fees.

Finance Comments:

1. Parent parcel: 0609-141-8500-9 Preliminary Special Assessments
 - 2022 Lacy Rd Sanitary Sewer & Water main improvements
 - Greenfield Water Main Extension
 - Per Tracy Foss - Preliminary assessments need to be paid within 30 days of invoice date once they are finalized per Subdivision Agreement.
 - o Please provide the invoices and details to our team so that we can resolve responsibility as part of our land purchase.

- Invoice(s) - \$1759.89 is past due for invoice: 6668, 6682, and 6700
 1. Invc 6668 is a Hartung Bros invoice, and has been sorted with Becky Neefe and the Sara investments team. Invc 6682 and 6700 have been paid.

PW – General Comments:

1. Exterior lighting must comply with requirements outlined in Ch. 28 of the Fitchburg Code of Ordinances. Requirements can be found at: https://library.municode.com/wi/fitchburg/ordinances/code_of_ordinances?nodeId=1345893
 - We will comply with lighting requirements as outlined in Ch.28, and as per our previous projects.
2. Provide a detail for the 10' wide concrete path in the plans and to the City for review. Path shall be 5" thick with 8 inches of 3/4" aggregate beneath it. All joints shall be sawcut and maximum 10' even intervals. Note on the plans that this path shall be constructed in accordance with the City of Fitchburg Standard Specifications for public Works Construction, latest edition. A City of Fitchburg r/w permit is required before any work may begin on this path. This path shall be installed and accepted by the City prior to occupancy.
 - Please see the public path detail on Sheet C602, and general notes 7 & 8 on C001.
 - Noted ref the r/w permit and timing requirements
3. Label the concrete between the 10' public concrete path and th curb as 5" thick colored concrete. Minimum required width of the colored concrete is 1.4 feet.
 - Please see C200 Site Plan.
4. Provide a detail for the public 10' wide concrete path in the plans and for City review. 10' path needs to be 5" concrete on 8 inches of 3/4" aggregate base. Joints shall be sawcut at min. 10' intervals.
 - Please see the public path detail on Sheet C602
5. Add a note on the plans that the 10' concrete path shall be installed per the latest edition of the City of Fitchburg Standard Specification for Public Works Construction. A City of Fitchburg r/w permit is required for for this path.
 - Please see general notes 7 & 8 on C001
 - Noted ref the r/w permit and timing requirements
6. Label the concrete between the 10' concrete path and the curb as 5" colored concrete.
 - Please see C200 Site Plan

PW – Stormwater/Erosion Control Comments:

1. A new Erosion Control & Storm Water Management permit application will need to be submitted to the Fitchburg Public Works Department for review and approval if land disturbance will exceed 4,000 s.f. The ECSWM application and information on requirements can be found at: <http://www.fitchburgwi.gov/231/ECSWM-Requirements>
 - Acknowledged
2. A stormwater maintenance agreement (recorded at the Dane County Register of Deeds office) will be required for the necessary private stormwater management practices approved by the City (e.g. private storm sewer, rain gardens, etc.).

- Acknowledged

PW – Transportation Comments

3. All work in City of Fitchburg right-of-way and on the public path within the easement will require a right-of-way permit.
 - Acknowledged and noted in general notes 7 & 8 on C001.
4. Driveway aprons, public path, and sidewalk shall follow Fitchburg Standard Specifications Sections 4 and 5.
 - Acknowledged.

PW – Utilities Comments:

1. Water impact fees will need to be paid prior to release of any building permits. These fees will be included with the permit fee. The 2025 rate is \$617 per unit.
 - Acknowledged
2. The City is strongly encouraging property owners to find ways to reduce chloride levels in their wastewater. Costly wastewater treatment plant upgrades will be required if the peak chloride levels are not reduced. MMSD has a grant program available for water softening.
 - Acknowledged
3. Please add the following notes to the plans:
 - a. 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.
 - b. Safe sample results need to be provided to the Fitchburg Utility prior to pressure testing the private water mains.
 - c. 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.
 - d. Open pick holes are prohibited in sanitary sewer manhole casting lids.
 - Please see general notes 17,18,22, and 24 on C001.

If you should have any questions or comments, then please feel free to contact me at (608)442-3828 or rzdanowski@jla-ap.com.

Sincerely,

Rob Zdanowski
Project Manager

Enc.: ADR Updated Plans

Cc: Edward Hoyt

HARTUNG - B

2674 BOTANICAL DRIVE
FITCHBURG , WI 53711



PROGRESS DOCUMENTS

These documents reflect progress or a sketch and may be subject to change. For final or additional details, these are not final construction documents and should not be used for final bidding or construction-related purposes.

ARCHITECTURAL DESIGN REVIEW SET

03/17/2025



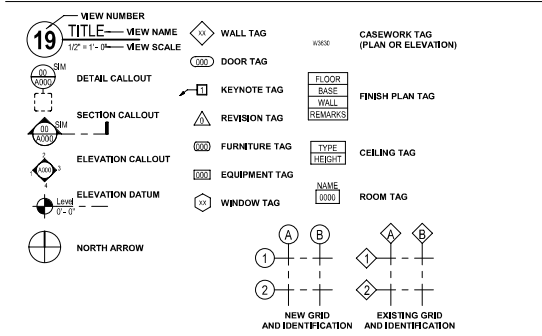
JLA
ARCHITECTS

JLA PROJECT NUMBER: W22-0913-2

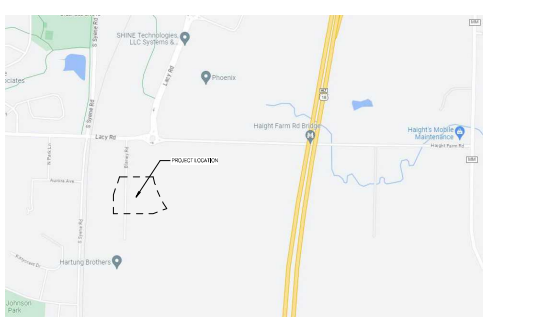
ABBREVIATIONS

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SYMBOL LEGEND



VICINITY MAP



MATERIAL LEGEND

| | | | |
|------------------------|-------------------------------|-------------------|--|
| STEEL | WEATHER-RESISTANT SHEET METAL | CONCRETE | INSULATION - RIGID |
| ALUMINUM | VAPOR BARRIER (V) | MORTAR/JACO/SAND | INSULATION - FIBERGLASS BATT |
| BASSWOOD | CHALK-BASED SEALANT | MORTAR - TYPE | INSULATION - FIBERGLASS BATT (W/OUT FLOOR) |
| BRICK/CLAY | GLASS | MORTAR - CONC | INSULATION - FIBERGLASS BATT (W/OUT FLOOR) |
| WOOD STRUCTURE FRAMING | CYSTAR BOARD | WOOD COMPOSITE | CONCRETE TILE |
| WOOD TRIM COMPONENT | CYSTAR SHAPING | ALUMINUM | WITH GLETT/PROD |
| WOOD SHEATHING | FIBERGLASS | BRICK/CLAY | WITH GLETT/PROD |
| WOOD SHEATHING | GAPET | INSULATION - BATT | W/OUT |

PROJECT ADDRESS

HARTUNG - B
2674 BOTANICAL DRIVE
FITCHBURG, WI 53711

OWNER INFORMATION

WORONORA VENTURES LLC
3131 FISH HATCHERY ROAD
FITCHBURG, WI 53711
CONTACT: NED HOYT
EMAIL: Ned@happenstancegroup.com.au
MAIN: 608.949.2151

PROJECT TEAM

GENERAL CONTRACTOR

KRUPP
749 UNIVERSITY ROW, SUITE 101
MADISON, WI 53705
CONTACT: SCOTT VUKOBRAT
EMAIL: Scott@kruppconstruction.com
MAIN: 608.249.2000

ARCHITECTURAL

JLA ARCHITECTS & PLANNERS
800 WEST BROADWAY - SUITE 200
MONONA, WISCONSIN 53713
CONTACT: ROB ZDANOWSKI
EMAIL: rzdanowski@jla-ap.com
MAIN: 608.442.3828

CIVIL ENGINEERING

VIERBICHER
999 FOURIER DRIVE #201
MADISON, WI 53717
CONTACT: JOHNATHAN LILLEY
EMAIL: jil@vierbicher.com
MAIN: 608.826.0532

STRUCTURAL ENGINEERING

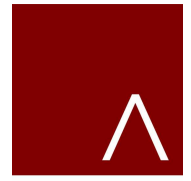
MP SQUARED
583 D'ONOFRO DRIVE
MADISON, WI 53719
CONTACT: MARK S. LINDLOFF
EMAIL: MLindloff@mpsqr.com
MAIN: 608.821.4770

SET ISSUE

ARCHITECTURAL DESIGN REVIEW SET
03/17/2025

SHEET INDEX

| SHEET INDEX | |
|------------------------------|------------|
| SHEET DESCRIPTION AND NUMBER | |
| 0000 | COVER |
| 0001 | FOUNDATION |
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JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0913-Z

HARTUNG - B

ARCHITECTURAL DESIGN REVIEW SET

| PROGRESS DOCUMENTS | | |
|---|--|--|
| These documents reflect progress on a permit and may be subject to change. For building approval, please consult the final construction documents and do not use for final building or contractor-related purposes. | | |

DATE OF ISSUANCE: 03/17/2025

| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |
| | | |

SHEET TITLE

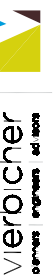
INDEX SHEET

SHEET NUMBER

G001

HARTUNG B - ADR SUBMITTAL

CITY OF FITCHBURG
DANE COUNTY, WISCONSIN

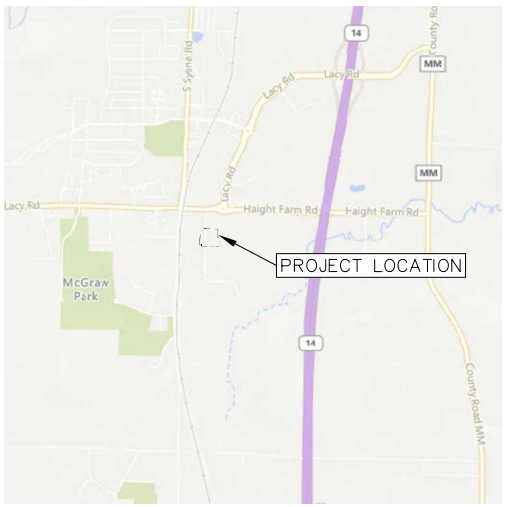
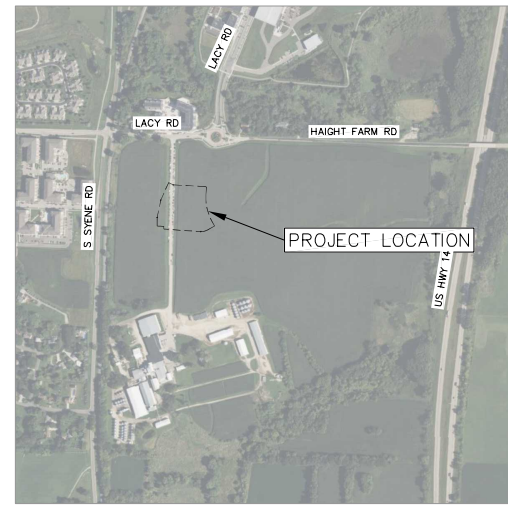
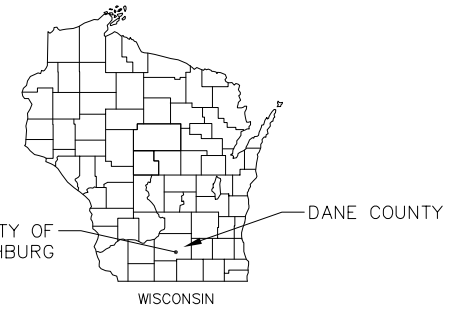


TITLE SHEET
HARTUNG B - ADR SUBMITTAL
CITY OF FITCHBURG
DANE COUNTY, WISCONSIN

| REVISIONS | | REVISIONS | |
|-----------|------|-----------|------|
| NO. | DATE | NO. | DATE |
| | | | |
| | | | |
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DATE: 4/4/2025
DRAWN BY: BUKM/BBAR
CHECKED BY: J.L.L.
PROJECT NO: 240559

C000



| SHEET NO. | DESCRIPTION |
|-----------|---------------------------------------|
| C000 | TITLE SHEET |
| C001 | NOTES & LEGENDS |
| C100 | EXISTING CONDITIONS & DEMOLITION PLAN |
| C200 | SITE PLAN |
| C300 | EROSION CONTROL PLAN |
| C400 | OVERALL GRADING PLAN |
| C401 | MAIN ENTRANCE GRADING PLAN |
| C500 | UTILITY PLAN |
| C600-603 | CONSTRUCTION DETAILS |
| L100-101 | LANDSCAPE PLAN |

NOT FOR CONSTRUCTION



THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

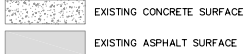
CALL DIGGER'S HOTLINE
1-800-242-8511

TOPOGRAPHIC SYMBOL LEGEND

- EXISTING CURB INLET
EXISTING ENDWALL
EXISTING FIELD INLET RECTANGULAR
EXISTING FIELD INLET
EXISTING STORM MANHOLE
EXISTING SANITARY MANHOLE
EXISTING FIRE HYDRANT
EXISTING WATER MAIN VALVE

TOPOGRAPHIC LINework LEGEND

- EXISTING SANITARY SEWER LINE (SIZE NOTED)
EXISTING STORM SEWER LINE (SIZE NOTED)
EXISTING WATER MAIN (SIZE NOTED)
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING EDGE OF PAVEMENT



PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
STORM SEWER MANHOLE
STORM SEWER ENDWALL
STORM SEWER CURB INLET
STORM SEWER CURB INLET W/MANHOLE
STORM SEWER FIELD INLET
ROOF DRAIN CLEANOUT
SANITARY SEWER PIPE (GRAVITY)
SANITARY SEWER PIPE (FORCE MAIN)
SANITARY SEWER LATERAL PIPE
SANITARY SEWER MANHOLE
SANITARY SEWER CLEANOUT
WATER MAIN
WATER SERVICE LATERAL PIPE
FIRE HYDRANT
WATER VALVE
CURB STOP
WATER VALVE MANHOLE
PROPOSED PIPE INSULATION
GAS MAIN
ELECTRIC SERVICE

ABBREVIATIONS table with symbols for storm manhole, field inlet, curb inlet, catch basin, digiwall, and sanitary manhole.

SITE PLAN LEGEND

- PROPERTY BOUNDARY
CURB AND GUTTER
REJECT CURB AND GUTTER
MOUNTABLE CURB AND GUTTER
PROPOSED CHAIN LINK FENCE
PROPOSED WOOD FENCE
PROPOSED CONCRETE
PROPOSED ASPHALT
PROPOSED SIGN
PROPOSED LIGHT POLE
PROPOSED BOLLARD
PROPOSED ADA DETECTABLE WARNING FIELD
PROPOSED HANDICAP PARKING

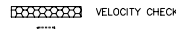
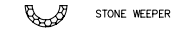
ABBREVIATIONS table with symbols for top of curb, finished floor, flow line, top of walk, top of wall, and bottom of wall.

SITE PLAN NOTES:

- 1. CONCRETE TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED BASE COURSE UNLESS OTHERWISE NOTED.
2. CONCRETE FOR DRIVEWAYS AND SIDEWALK AT DRIVEWAY ENTRANCES SHALL BE 7" THICK, CONSTRUCTED ON A BASE COURSE OF 5" COMPACTED SAND OR CRUSHED STONE UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS WITH CURB & GUTTER ARE REFERENCED TO THE FACE OF CURB.
4. CONTRACTOR SHALL DEEP TILL ANY DISTURBED AREAS TO BE RESTORED WITH TOPSOIL AFTER CONSTRUCTION IS COMPLETE AND BEFORE RESTORING.
5. CONTRACTOR TO OBTAIN ANY NECESSARY DRIVEWAY CONNECTION, RIGHT OF WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
6. 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.
7. SEE ARCHITECTS PLANS FOR THE BUILDING DIMENSIONS. ALL BUILDING DIMENSIONS SHALL BE COORDINATED AND VERIFIED WITH THE ARCHITECTS PLANS. ALL DIMENSIONS TO BUILDINGS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

GRADING LEGEND

- EXISTING MAJOR CONTOURS
EXISTING MINOR CONTOURS
PROPOSED MAJOR CONTOURS
PROPOSED MINOR CONTOURS
DITCH CENTERLINE
SILT FENCE
PHASE 1 LIMITS OF IMPROVEMENT
BERM
DRAINAGE DIRECTION
PROPOSED SLOPE ARROWS
PROPOSED SPOT ELEVATIONS (BY OTHERS)
PROPOSED SPOT ELEVATIONS



GENERAL NOTES:

- 1. THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. THE CONTRACTOR SHALL ALSO VERIFY TOPOGRAPHIC INFORMATION PRIOR TO STARTING CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED DURING CONSTRUCTION TO PUBLIC PROPERTY, PRIVATE PROPERTY OR UTILITIES.
3. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY THE ENGINEER PRIOR TO INSTALLATION OF SUCH ITEM.
4. RIGHT OF WAY (ROW) AND PROPERTY LINES ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING PROPERTY CORNER MONUMENTATION. ANY MONUMENTS DISTURBED BY CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
5. 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.
6. CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT OF WAY, EXCAVATION, DRIVEWAY, UTILITY CONNECTION, PLUGGING AND ABANDONMENT PERMITS PRIOR TO CONSTRUCTION.
7. RETAINING WALLS TO BE DESIGNED BY OTHERS
8. ALL WORK WITHIN THE RIGHT-OF-WAY OR PUBLIC EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF FITCHBURG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
9. CONTRACTOR SHALL OBTAIN A CITY OF FITCHBURG RIGHT-OR-WAY PERMIT FOR ALL WORK WITHIN THE RIGHT OF WAY OR PUBLIC EASEMENT.

DEMOLITION NOTES:

- 1. CONTRACTOR SHALL KEEP ALL STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.
2. COORDINATE EXISTING UTILITY REMOVAL/ABANDONMENT WITH LOCAL AUTHORITIES AND UTILITY COMPANIES HAVING JURISDICTION.
3. ALL SAWCUTTING SHALL BE FULL DEPTH TO PROVIDE A CLEAN EDGE TO MATCH NEW CONSTRUCTION. MATCH EXISTING ELEVATIONS AT POINTS OF CONNECTION FOR NEW AND EXISTING PAVEMENT, CURB, SIDEWALKS, ETC. ALL SAWCUT LOCATIONS SHOWN ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO ACCOMMODATE CONDITIONS, JOINTS, MATERIAL TYPE, ETC. REMOVE MINIMUM AMOUNT NECESSARY FOR INSTALLATION OF PROPOSED IMPROVEMENTS.
4. CONTRACTOR SHALL PROVIDE AND SHALL BE RESPONSIBLE FOR ANY NECESSARY TRAFFIC CONTROL SIGNAGE AND SAFETY MEASURES DURING DEMOLITION AND CONSTRUCTION OPERATIONS WITHIN OR NEAR THE PUBLIC ROADWAY.
5. COORDINATE TREE REMOVAL WITH LANDSCAPE ARCHITECT. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY AND STUMPS SHALL BE GROUND TO 12" BELOW PROPOSED SUBGRADE.
6. IF APPLICABLE, PROVIDE TREE PROTECTION FENCING PRIOR TO CONSTRUCTION OPERATIONS. MAINTAIN THROUGHOUT CONSTRUCTION.
7. ALL LIQUID POLES TO BE REMOVED FROM PRIVATE PROPERTY SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING BASE AND ALL APPURTENANCES. COORDINATE ABANDONMENT OF ELECTRICAL LINES WITH ELECTRICAL ENGINEER AND OWNER PRIOR TO DEMOLITION.
8. CONTRACTOR SHALL CLOSE ALL ABANDONED DRIVEWAYS BY REPLACING THE CURB IN FRONT OF THE DRIVEWAYS AND RESTORING THE TERRACE WITH GRASS.
9. CONTRACTOR SHALL OBTAIN ANY NECESSARY DEMOLITION AND UTILITY PLUGGING PERMITS.
10. ANY DAMAGE TO THE PUBLIC STREETS, INCLUDING DAMAGE RESULTING FROM CURB REPLACEMENT, WILL REQUIRE RESTORATION IN ACCORDANCE WITH THE CITY PATCHING CRITERIA.

GRADING NOTES:

- 1. CONTOURS ARE SHOWN FOR PURPOSES OF INDICATING ROUGH GRADING. FINAL GRADE SHALL BE ESTABLISHED ON PAVED SURFACES BY USING SPOT GRADES ONLY.
2. ALL GRADES SHOWN REFERENCE FINISHED ELEVATIONS.
3. CROSS SLOPE OF SIDEWALKS SHALL BE 2.0% UNLESS OTHERWISE NOTED.
4. LONGITUDINAL GRADE OF SIDEWALK RAMP SHALL NOT EXCEED 8.33% (1:12) AND SHALL BE IN ACCORDANCE WITH ADA REQUIREMENTS.
5. LONGITUDINAL GRADE OF SIDEWALK SHALL NOT EXCEED 5.0% OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER.
6. ACCESSIBLE ROUTES SHALL BE 5.0% MAX LONGITUDINAL SLOPE AND 1.5% MAX CROSS SLOPE. ACCESSIBLE LOADING AREAS OR LANDINGS SHALL NOT EXCEED 2.0% MAX SLOPE IN ANY DIRECTION. RAMP SHALL BE 8.33% MAX SLOPE.
7. NO LAND DISTURBANCE ACTIVITIES SHALL BEGIN UNTIL ALL EROSION CONTROL BMP'S ARE INSTALLED.
8. SEE DETAIL SHEETS FOR EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.

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 DETERMINING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DETERMINING WELL PERMIT SHALL BE OBTAINED PRIOR TO STARTING ANY DETERMINING 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. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE LOCAL MUNICIPALITY 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.
18. CONTRACTOR TO CHLORINATE AND BACTERIA TEST BEFORE DOMESTIC SUPPLY PURPOSES. CONTRACTOR SHALL PROVIDE SAFE SAMPLE RESULTS TO FITCHBURG UTILITY PRIOR TO PRESSURE TESTING PRIVATE WATER MAINS.
19. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
20. 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.
21. 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.
22. 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.
23. 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.
24. OPEN PICK HOLES ARE PROHIBITED ON SANITARY MANHOLES.
25. INSTALL 1 SHEET OF 4'X8'X4" HIGH DENSITY STYROFOAM INSULATION AT ALL LOCATIONS WHERE STORM SEWER CROSSES WATER MAIN OR WATER LATERALS.
26. CONTRACTOR TO INSTALL BENDS AND CLEANOUTS AS NECESSARY ON WATER AND SEWER LATERALS.

NOT FOR CONSTRUCTION



NOTES & LEGENDS
HARTUNG B - ADR SUBMITTAL
CITY OF FITCHBURG
DANE COUNTY, WISCONSIN

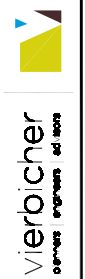
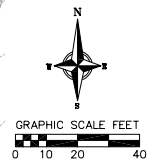
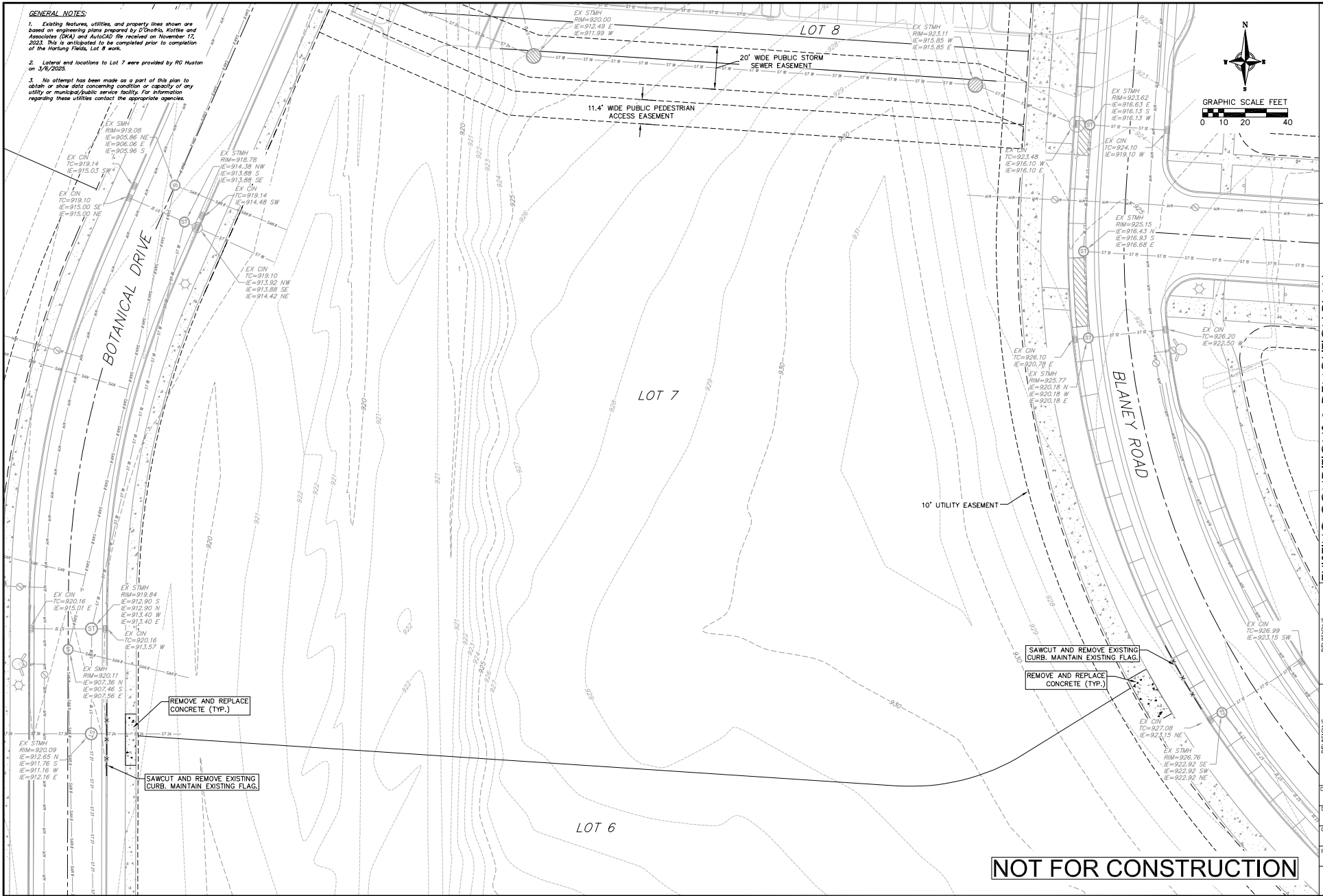
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DATE: 4/4/2025
DRAWN BY: BUKM/BBAR
CHECKED BY: JLL

PROJECT NO: 240599
C001

GENERAL NOTES:

- Existing features, utilities, and property lines shown are based on engineering plans prepared by STW/Griffin, Kotke and Associates (DMA) and AutoCAD file received on November 17, 2023. This is anticipated to be completed prior to completion of the Hartung Fields, Lot 8 work.
- Lateral end locations to Lot 7 were provided by IRG Huston on 3/6/2025.
- No attempt has been made as a part of this plan to obtain or show data concerning condition or capacity of any utility or municipal/public service facility. For information regarding these utilities contact the appropriate agencies.



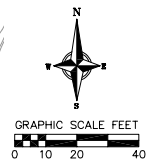
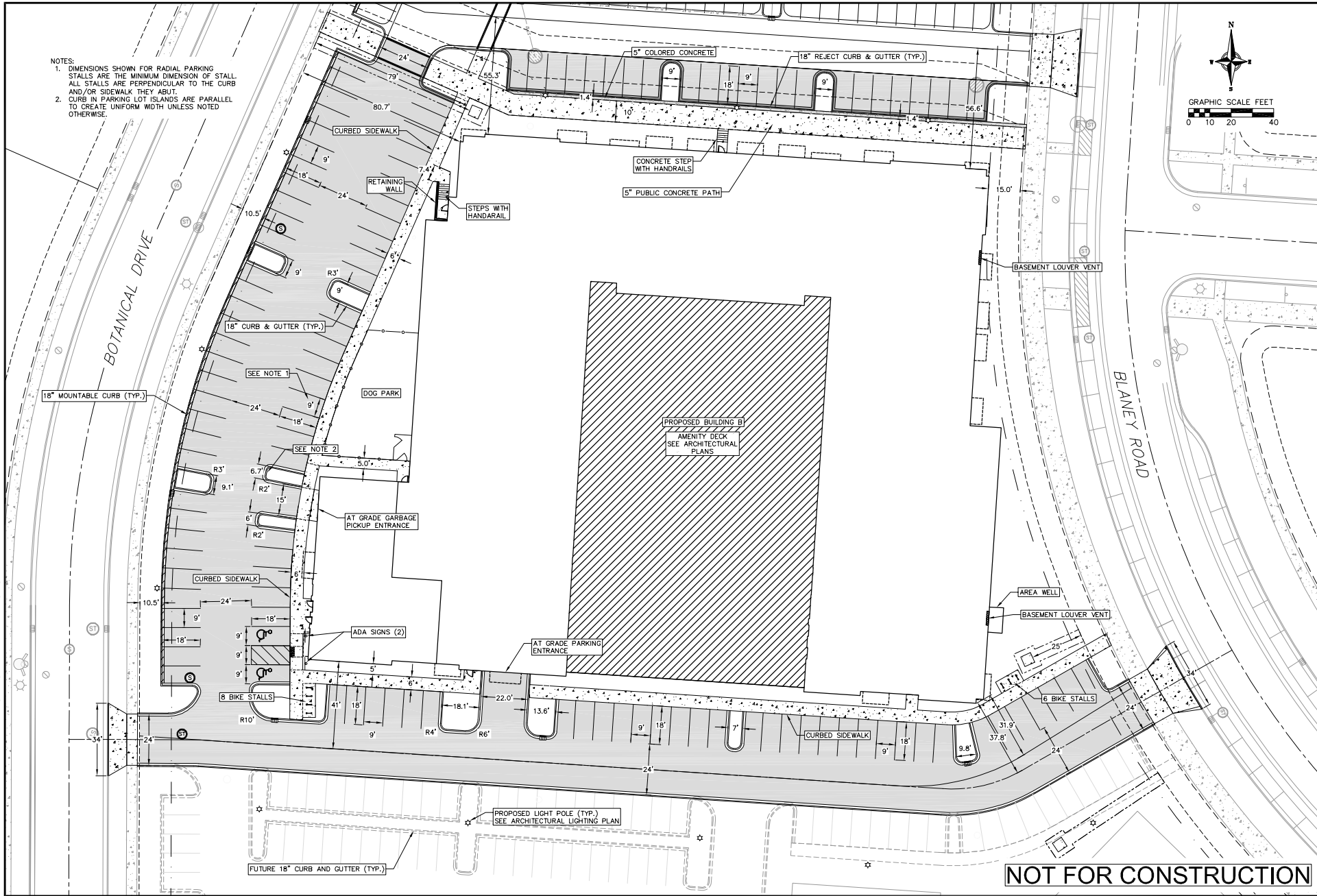
EXISTING CONDITIONS & DEMOLITION PLAN
HARTUNG B - ADR SUBMITTAL
CITY OF RITCHBURG
DANE COUNTY, WISCONSIN

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DATE: 4/4/2025
 DESIGNED BY: BJKM/BBAR
 CHECKED BY: J.L.
 PROJECT NO: 240559

NOT FOR CONSTRUCTION

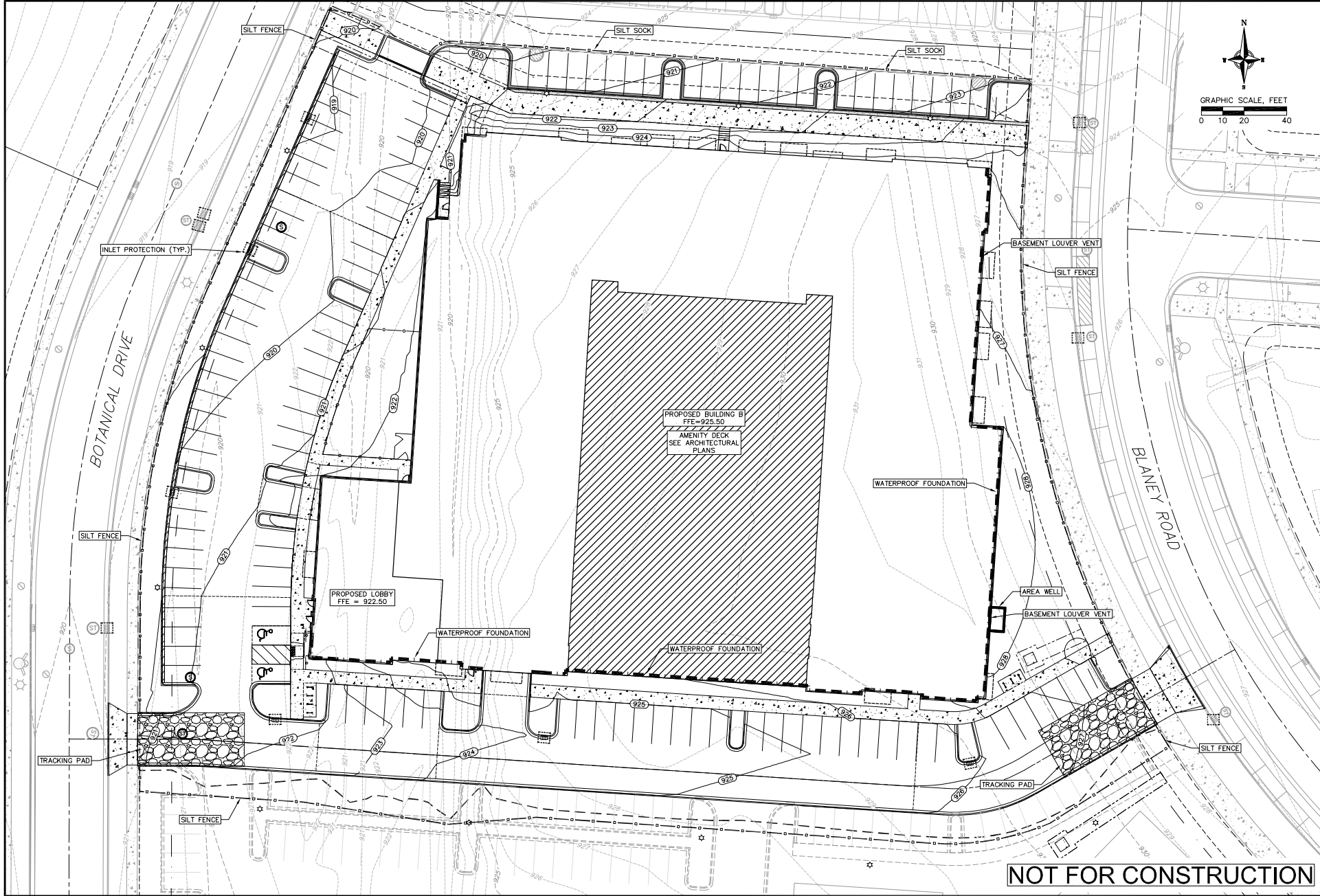
NOTES:
 1. DIMENSIONS SHOWN FOR RADIAL PARKING STALLS ARE THE MINIMUM DIMENSION OF STALL. ALL STALLS ARE PERPENDICULAR TO THE CURB AND/OR SIDEWALK THEY ABUT.
 2. CURB IN PARKING LOT ISLANDS ARE PARALLEL TO CREATE UNIFORM WIDTH UNLESS NOTED OTHERWISE.



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 CHECKED: J.L.L.
 PROJECT NO: 240559

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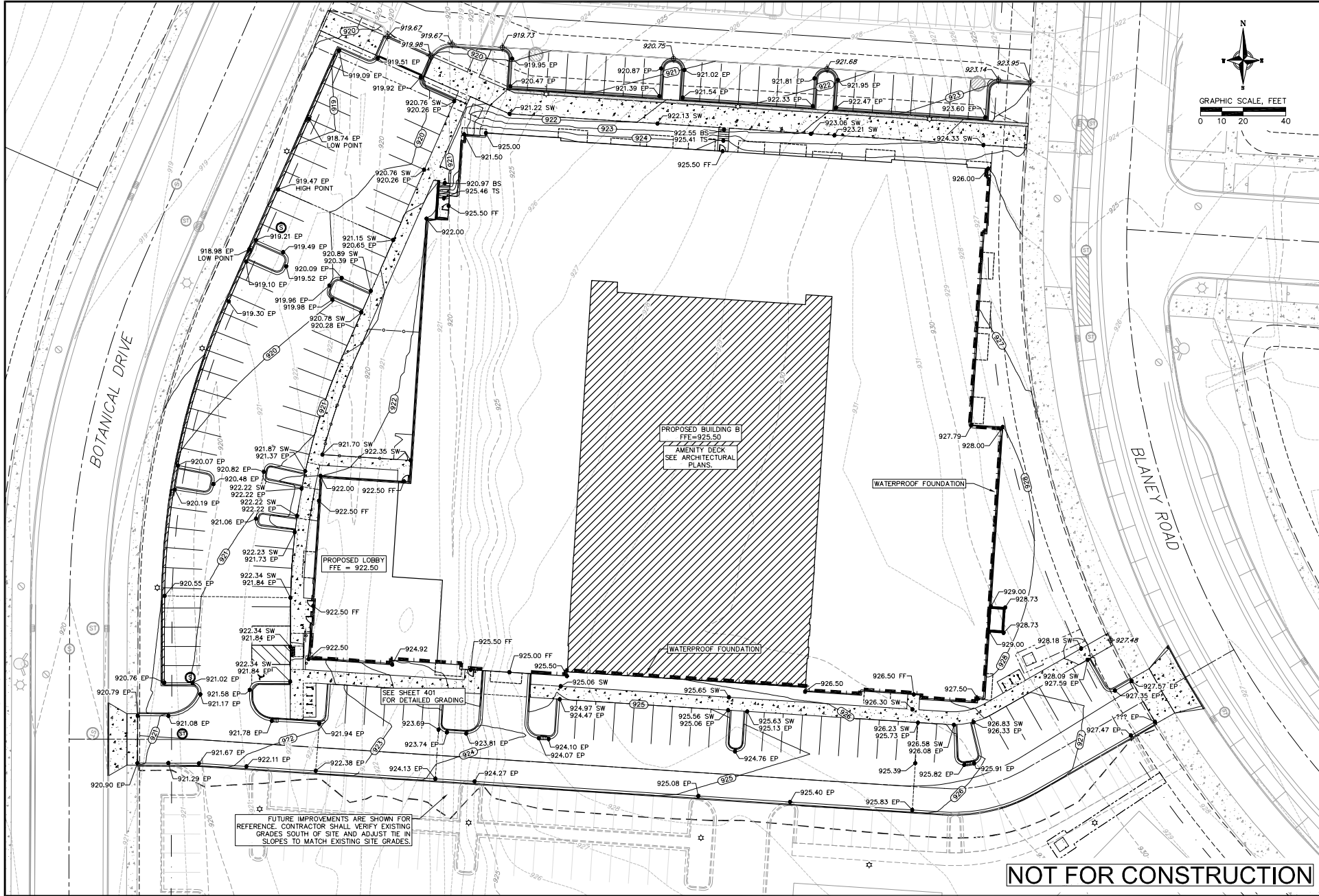
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EROSION CONTROL PLAN
 HARTUNG B - ADR SUBMITTAL
 CITY OF RITCHBURG
 DANE COUNTY, WISCONSIN

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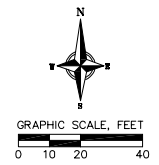
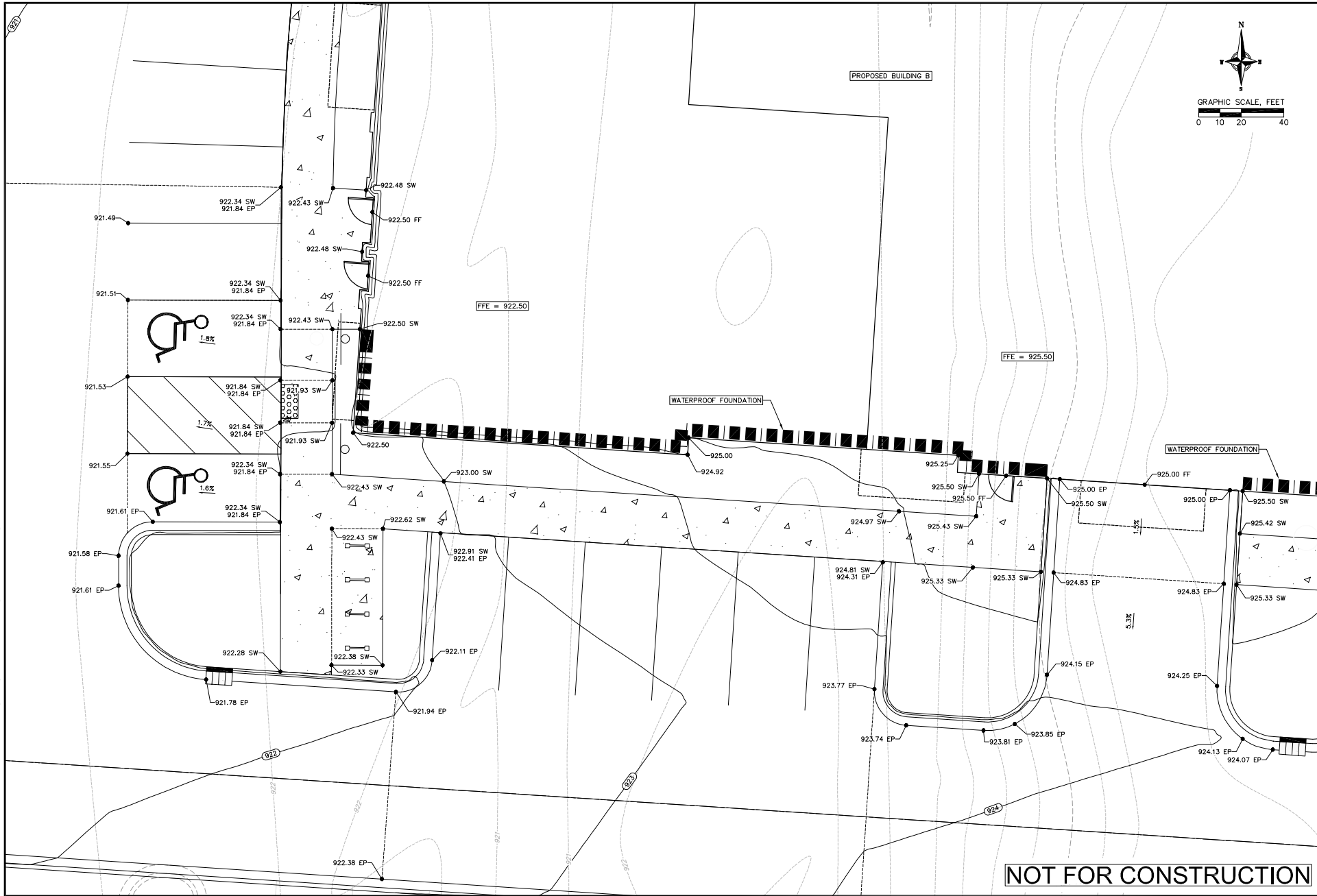


OVERALL GRADING PLAN
HARTING B - ADR SUBMITAL
CITY OF RITCHBURG
DANE COUNTY, WISCONSIN

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MAIN ENTRANCE GRADING PLAN
 HARTING B - ADR SUBMITAL
 CITY OF RITCHBURG
 DANE COUNTY, WISCONSIN

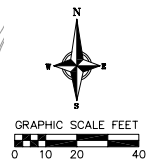
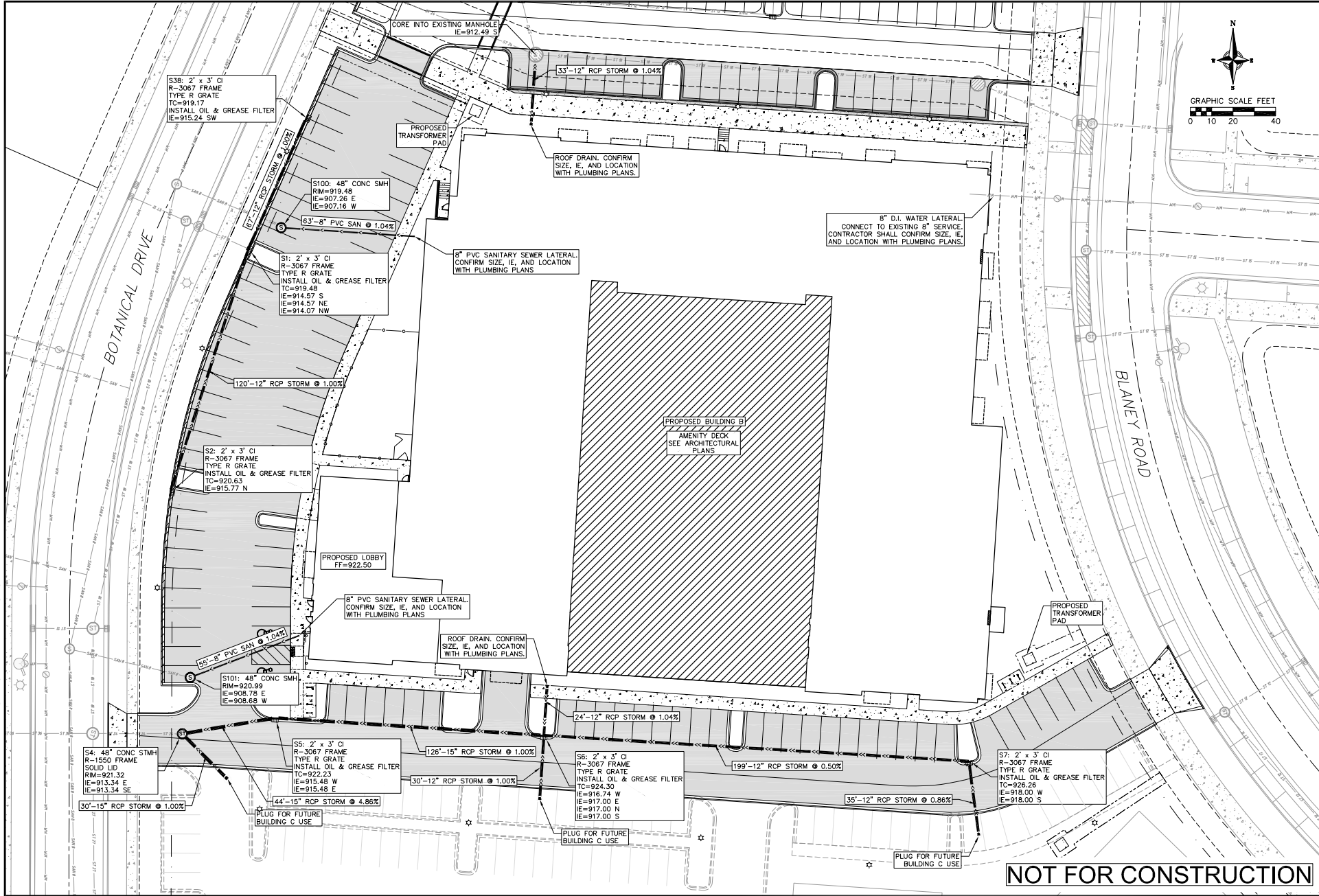
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DATE: 4/4/2025
 DESIGNED BY: BMM/BBAR
 CHECKED BY: J.L.

PROJECT NO: 240559

NOT FOR CONSTRUCTION

C401



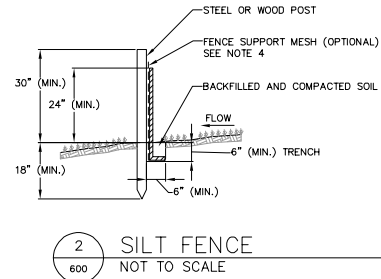
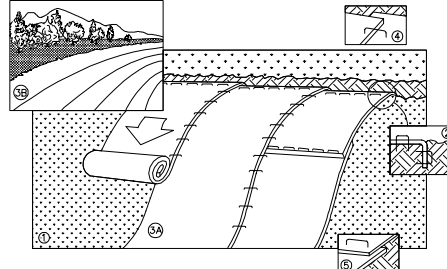
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DATE: 4/4/2025
 DRAFTER: BKM/SBAR
 CHECKED: J.L.
 PROJECT NO: 240559

NOT FOR CONSTRUCTION

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 (<http://dnr.wis.gov/runoff/stormwater/techstds.htm>) 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 SHALL FOLLOW AN INSPECTION WITHIN 24 HOURS.
- EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL 70% ESTABLISHMENT, AS DETERMINED BY THE CITY. 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 14-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).
- INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. THE FILTERS SHALL BE MAINTAINED UNTIL THE DISTURBED AREAS ARE BOTH 70% RESTORED AND PAVED.
- TERRACES SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND URBAN CLASS I TYPE A EROSION MAT. LOTS SHALL BE RESTORED WITH 6" TOPSOIL, TEMPORARY SEED, FERTILIZER AND MULCH.
- SEED, FERTILIZER AND MULCH/E-MAT 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.
- 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 AND AS DIRECTED BY ENGINEER/CITY/OWNER.
- ALL CONSTRUCTION ENTRANCES SHALL HAVE TWO TYPE II TEMPORARY ROAD CLOSED BARRICADES WITH 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 THE CITY AND DNR.
- THE CITY, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.
- THE CONTRACTOR SHALL REMOVE ANY SEDIMENT TRACKED ONTO ADJACENT ROADS BY MEANS OF STREET SWEEPING (NOT FLUSHING) AT A MINIMUM OF THE END OF EACH WORK DAY OR MORE AS NEEDED.

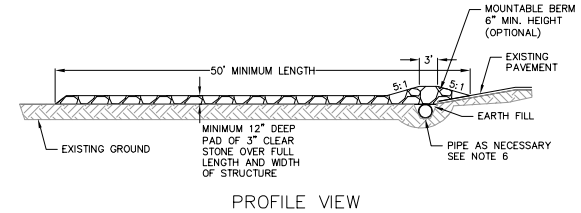


- NOTES:**
- INSTALL SILT FENCE TO FOLLOW THE GROUND CONTOURS AS CLOSELY AS POSSIBLE.
 - CURVE THE SILT FENCE UP THE SLOPE TO PREVENT WATER FROM RUNNING AROUND THE ENDS.
 - POST SPACING WITH FENCE SUPPORT MESH = 10 FT. (MAX.)
POST SPACING WITHOUT FENCE SUPPORT MESH = 6 FT. (MAX.)
 - SILT FENCE SUPPORT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

2 SILT FENCE
600 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.
- BEAM 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.



1 EROSION MAT
600 NOT TO SCALE

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:

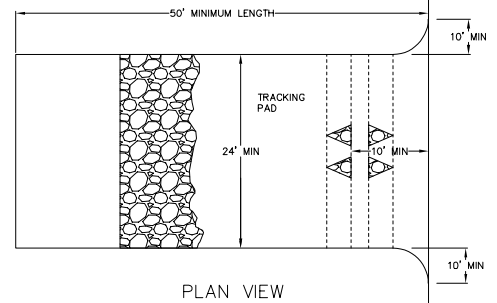
TEMPORARY AND PERMANENT:

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

MULCHING RATES:

TEMPORARY AND PERMANENT:

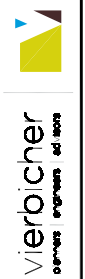
USE 1/2" TO 1-3/4" STRAW OR HAY MULCH, CRIMPED PER SECTION 627. WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION



- 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.

3 TRACKING PAD
600 NOT TO SCALE

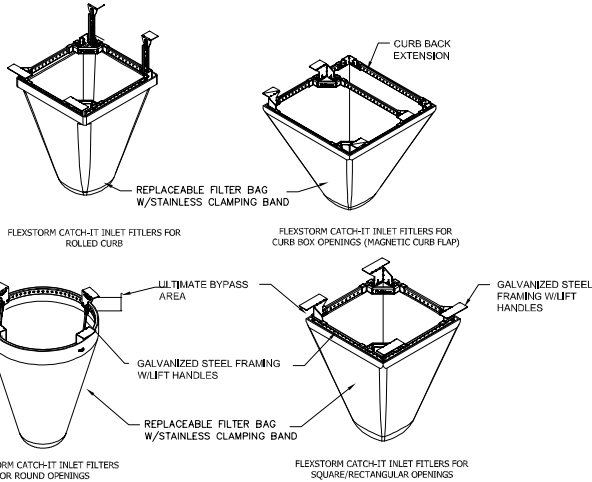
NOT FOR CONSTRUCTION



CONSTRUCTION DETAILS
HARTUNG B - ADR SUBMITTAL
CITY OF FITCHBURG
DANE COUNTY, WISCONSIN

| NO. | DATE | REVISIONS | REMARKS |
|-----|------|-----------|---------|
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DATE: 4/4/2025
DRAWN BY: JLL
CHECKED BY: JLL
PROJECT NO: 240559
C600



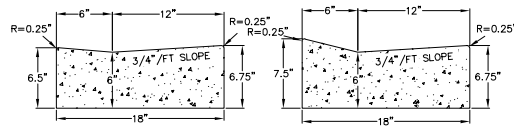
| NEENAH CASTING | INLET TYPE | GRATE SIZE | OPENING SIZE | ADS P/N |
|--------------------|-------------|----------------|--------------|------------|
| 1040/1642/1733 | ROUND | 26 | 24 | 62MRDFX |
| 3067 W/FLAP | CURB BOX | 35.25 X 17.75 | 33.0 X 15.0 | 62LCBEXTFX |
| 3067 EXTENDED BACK | CURB BOX | 35.25 X 17.75 | 33.0 X 15.0 | 62LCBEXTFX |
| 3248A | CURB BOX | 35.75 X 23.875 | 33.5 X 21.0 | 62LCBFX |
| 3030 | SQUARE/RECT | 23 X 16 | 20.5 X 13.5 | 62MCBFX |
| 3067-C | SQUARE/RECT | 35.25 X 17.75 | 33 X 15 | 62LSDFX |

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.

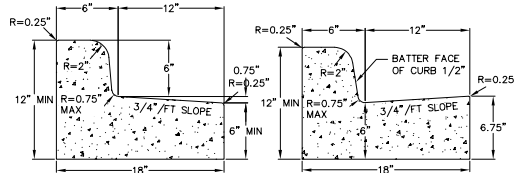
1 FRAMED INLET PROTECTION
601 NOT TO SCALE

2 CURBED SIDEWALK SITE DETAIL
601 NOT TO SCALE



HANDICAP RAMP GUTTER CROSS SECTION

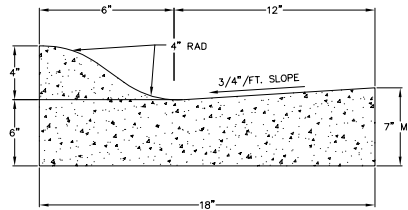
DRIVEWAY GUTTER CROSS SECTION



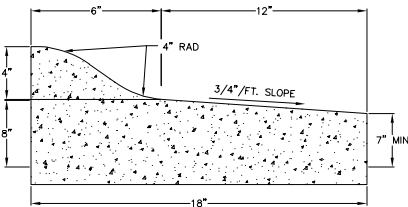
CURB AND GUTTER REJECT SECTION

CURB AND GUTTER CROSS SECTION

3 18" CONCRETE CURB AND GUTTER
601 NOT TO SCALE

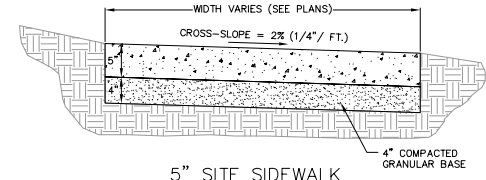


CURB AND GUTTER CROSS SECTION

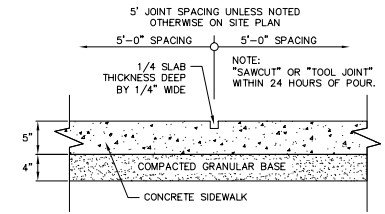


CURB AND GUTTER REJECT SECTION

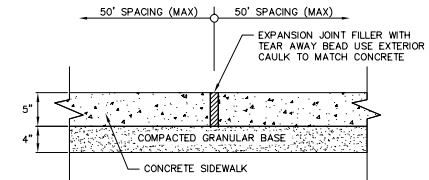
4 MOUNTABLE 18" CURB SECTION
601 NOT TO SCALE



5" SITE SIDEWALK

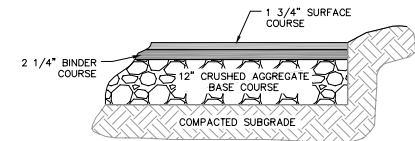


SIDEWALK CONTROL JOINT



SIDEWALK EXPANSION JOINT

5 5" SIDEWALK
601 NOT TO SCALE

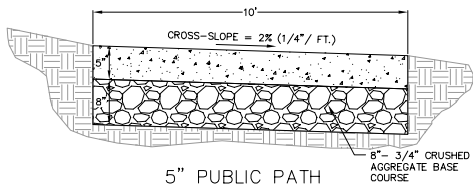


BITUMINOUS PAVEMENT DRIVES

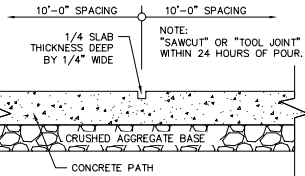
6 ASPHALT PAVEMENT
601 NOT TO SCALE

NOT FOR CONSTRUCTION

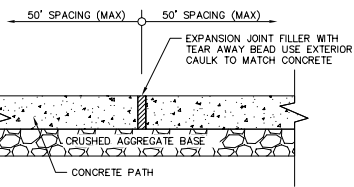
| NO. | DATE | REVISIONS | NO. | DATE | REVISIONS |
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5" PUBLIC PATH



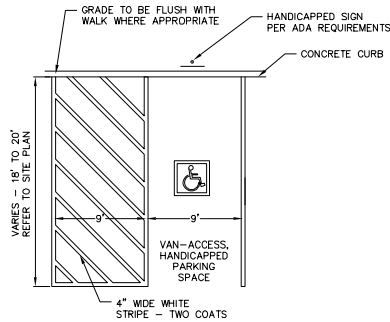
PATH CONTROL JOINT



PATH EXPANSION JOINT

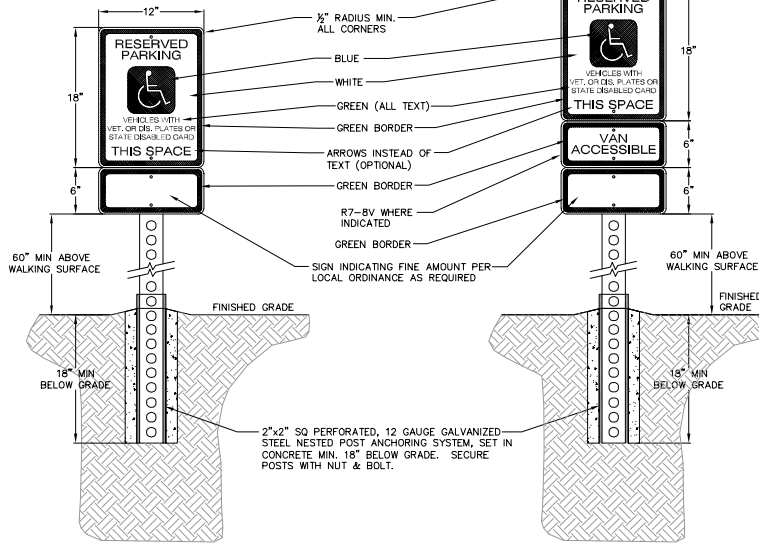
1 5" PUBLIC PATH
602 NOT TO SCALE

2 HANDICAP STRIPING
602 NOT TO SCALE

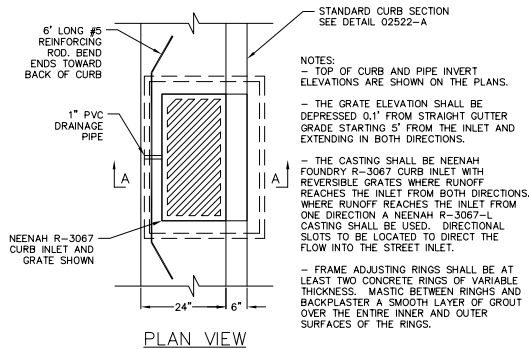


NOTE:
SIGN TO BE CENTERED AT THE
INTERIOR END OF PARKING SPACE

MUTCD R7-8A W (OR R7-BMAD CITY OF MADISON)
ALUMINUM SIGN WITH ENGINEER GRADE (EG) OR
EQUIVALENT REFLECTIVE SHEETING



3 HANDICAP SIGN DETAIL
602 NOT TO SCALE



4 RECTANGULAR STREET INLET
602 NOT TO SCALE

| SPECIFIER CHART | | | |
|------------------|-----------|-----------|-------------------|
| MODEL | INLET ID | GRATE OD | COMMENTS |
| FF-100 | 12" X 12" | 12" X 12" | GRATED INLET |
| FF-180 | 16" X 16" | 16" X 16" | GRATED INLET |
| FF-180 | 18" X 18" | 20" X 20" | GRATED INLET |
| FF-1836SD | 18" X 36" | 18" X 40" | GRATED INLET |
| FF-1836GD | 18" X 36" | 18" X 40" | COMBINATION INLET |
| FF-240 | 24" X 24" | 26" X 26" | GRATED INLET |
| FF-2436SD | 24" X 36" | 24" X 40" | GRATED INLET |
| FF-2436GD | 24" X 36" | 24" X 40" | COMBINATION INLET |
| FF-360 (2 PCE) | 36" X 36" | 38" X 40" | GRATED INLET |
| FF-3648D (2 PCE) | 36" X 48" | 40" X 48" | GRATED INLET |

NOTES:

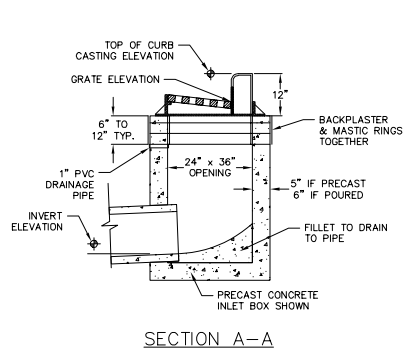
- Filter insert shall have a high flow bypass feature.
- Filter support frame shall be constructed from stainless steel Type 304.
- Filter medium shall be Fossil Rock™ (Installed and maintained in accordance with manufacturer specifications).
- Storage capacity reflects 80% of maximum solids collection prior to impeding filtering bypass.

602 OIL & GREASE INLET FILTER
NOT TO SCALE

FloGard®
Catch Basin Insert Filter
Grated Inlet Style

Oldcastle
Stormwater Solutions

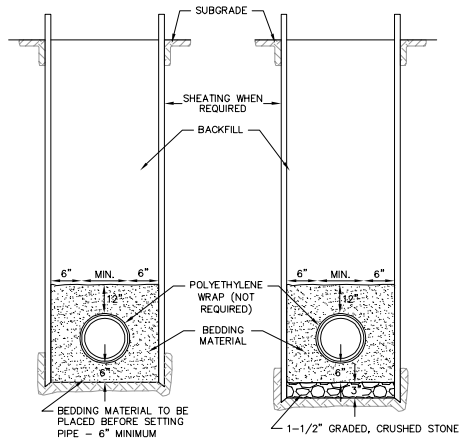
5 OIL & GREASE INLET FILTER
602 NOT TO SCALE



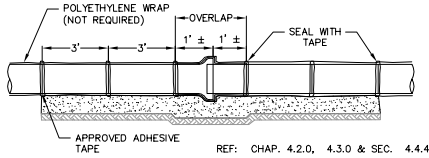
NOT FOR CONSTRUCTION

| NO. | DATE | REVISIONS | REMARKS |
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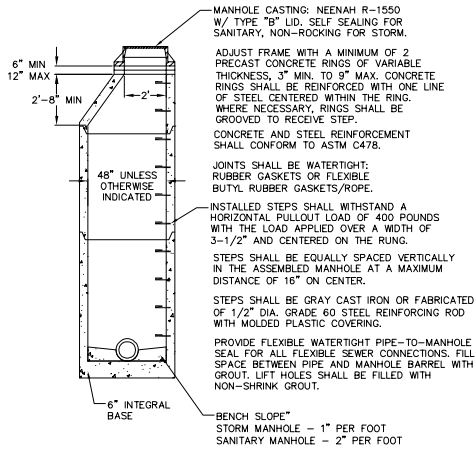
DATE: 4/4/2025
DRAWN BY: BMM
CHECKED BY: JLL
PROJECT NO: 240559



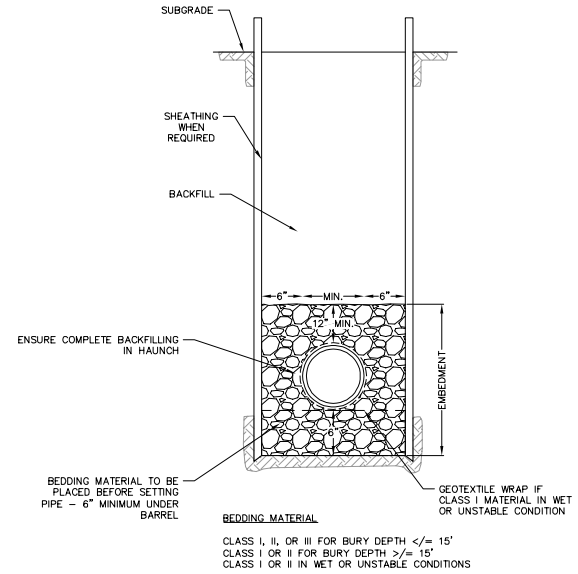
DRY TRENCH CONDITION WET OR UNSTABLE CONDITION



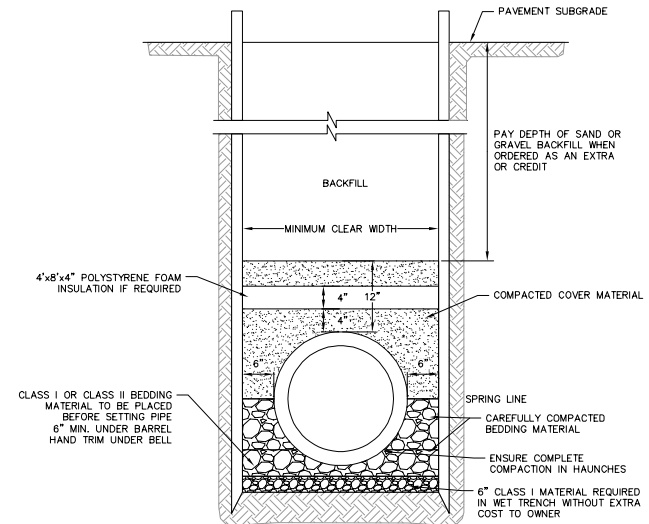
1 STANDARD WATER MAIN TRENCH SECTION
603 NOT TO SCALE



2 PRECAST CONCRETE MANHOLE
603 NOT TO SCALE



3 STANDARD SANITARY TRENCH SECTION
603 NOT TO SCALE



4 STORM PIPE TRENCH SECTION
603 NOT TO SCALE

NOT FOR CONSTRUCTION

| NO. | DATE | REVISIONS | REMARKS |
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| | | | |
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DATE: 4/4/2025
DRAWN BY: BMM
CHECKED BY: J.L.
PROJECT NO: 240559

PLANT MATERIAL NOTES:

- 1. ALL PLANTINGS SHALL CONFORM TO QUALITY REQUIREMENTS AS PER ANSI Z601.
2. ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY AND SIZE SPECIFIED...
3. CONTACT LANDSCAPE ARCHITECT, IN WRITING, TO REQUEST ANY PLANT MATERIAL SUBSTITUTIONS DUE TO AVAILABILITY ISSUES.
4. ALL PLANTS SHALL BE GUARANTEED TO BE IN HEALTHY AND FLOURISHING CONDITION DURING THE GROWING SEASON FOLLOWING INSTALLATION...

LANDSCAPE MATERIAL NOTES:

- 1. CONTRACTOR SHALL PROVIDE A SUITABLE AMENDED TOPSOIL BLEND FOR ALL PLANTING AREAS WHERE SOIL CONDITIONS ARE UNSUITABLE FOR PLANT GROWTH...
2. SUBSOIL UNDER TURF AND PLANTING BEDS MUST BE FREE DRAINING AND LOOSE TO ALLOW ROOT PENETRATION AND DRAINAGE...
3. LANDSCAPE BEDS TO BE MULCHED WITH WHITE CEDAR MULCH TO 2" DEPTH MIN.
4. WASHED STONE AREAS ARE TO BE INSTALLED USING 1"-2" WASHED STONE TO A DEPTH OF 3" MINIMUM...

SEEDING AND PLUG PLANTING NOTES:

- 1. ALL AREAS LABELED "TURF" AND UNLABELED DISTURBED AREAS, TO BE SEEDDED WITH "MADISON PARKS" SEED MIX BY LA GROSSE SEED OR EQUIVALENT...
4. INSTALL GROUNDCOVERS (GC) AS 2.5" PLUGS OR EQUAL... PLUGS TO BE INSTALLED 12" ON CENTER IN A TRIANGULAR GRID PATTERN...
5. ALL AREAS LABELED "DOG RUN TURF" TO BE SEEDDED WITH "WEAR-N-TEAR" SEED MIX BY LA GROSSE SEED OR EQUIVALENT...

GENERAL LANDSCAPE NOTES:

- 1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ANY RIGHT OF WAY WORK.
2. CONTRACTOR SHALL VERIFY ALL UTILITIES WITHIN SCOPE OF CONTRACT.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS AT SITE AND COMPLETE WORK PER SCHEDULE.
4. CONTRACTOR SHALL CLEAN ALL PAVEMENT AREAS WITHIN SITE AFTER COMPLETION...

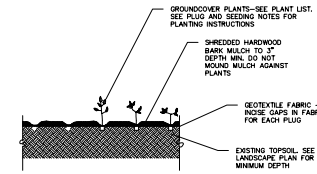
CONCEPT PLANT SCHEDULE

Table with columns: GROUNDCOVER #1, GROUNDCOVER #2, GROUNDCOVER #4, GROUNDCOVER #3, TURE, DOG RUN TURF. Lists plant species and quantities.

PLANT SCHEDULE

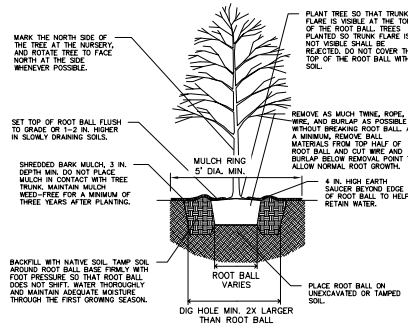
Table with columns: CODE, BOTANICAL / COMMON NAME, ROOT COND., SIZE, NOTES, QTY. Lists various trees and shrubs with their specifications.

- NOTES:
1. PLANT SPECIES RANDOMLY THROUGHOUT SPECIFIED AREA, MAINTAINING A REPRESENTATIVE RATIO OF SPECIES AS SHOWN IN THE CONCEPT PLANT SCHEDULE THROUGHOUT PLANTING.
2. WHERE PLANTINGS ABOUT WALKWAYS AND STRUCTURES, MAINTAIN A 12" BORDER OF MULCH CONTAINING NO PLUGS.
3. WATER PLANTS THOROUGHLY AFTER PLANTING TO SETTLE SOIL.

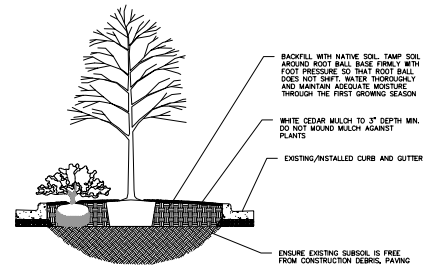


1 GROUNDCOVER PLANTING DETAIL
1 NOT TO SCALE

- NOTES:
1. DO NOT HEAVILY PRUNE TREE AT PLANTING. PRUNE ONLY CROSSING LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES...
2. STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.
3. WRAP TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.



1 B&B TREE PLANTING DETAIL
1 NOT TO SCALE



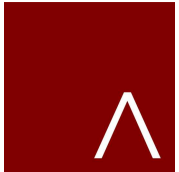
1 PARKING ISLAND PLANTING AREA
1 NOT TO SCALE

NOT FOR CONSTRUCTION

Table with columns: REVISIONS, NO., DATE, REMARKS. Contains revision tracking information.



PERSPECTIVE 1



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

JLA PROJECT NUMBER: W22-0913-2

HARTUNG - B

ARCHITECTURAL DESIGN REVIEW SET

PROGRESS DOCUMENTS

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

DATE OF ISSUANCE: 03/17/2023

REVISION SCHEDULE

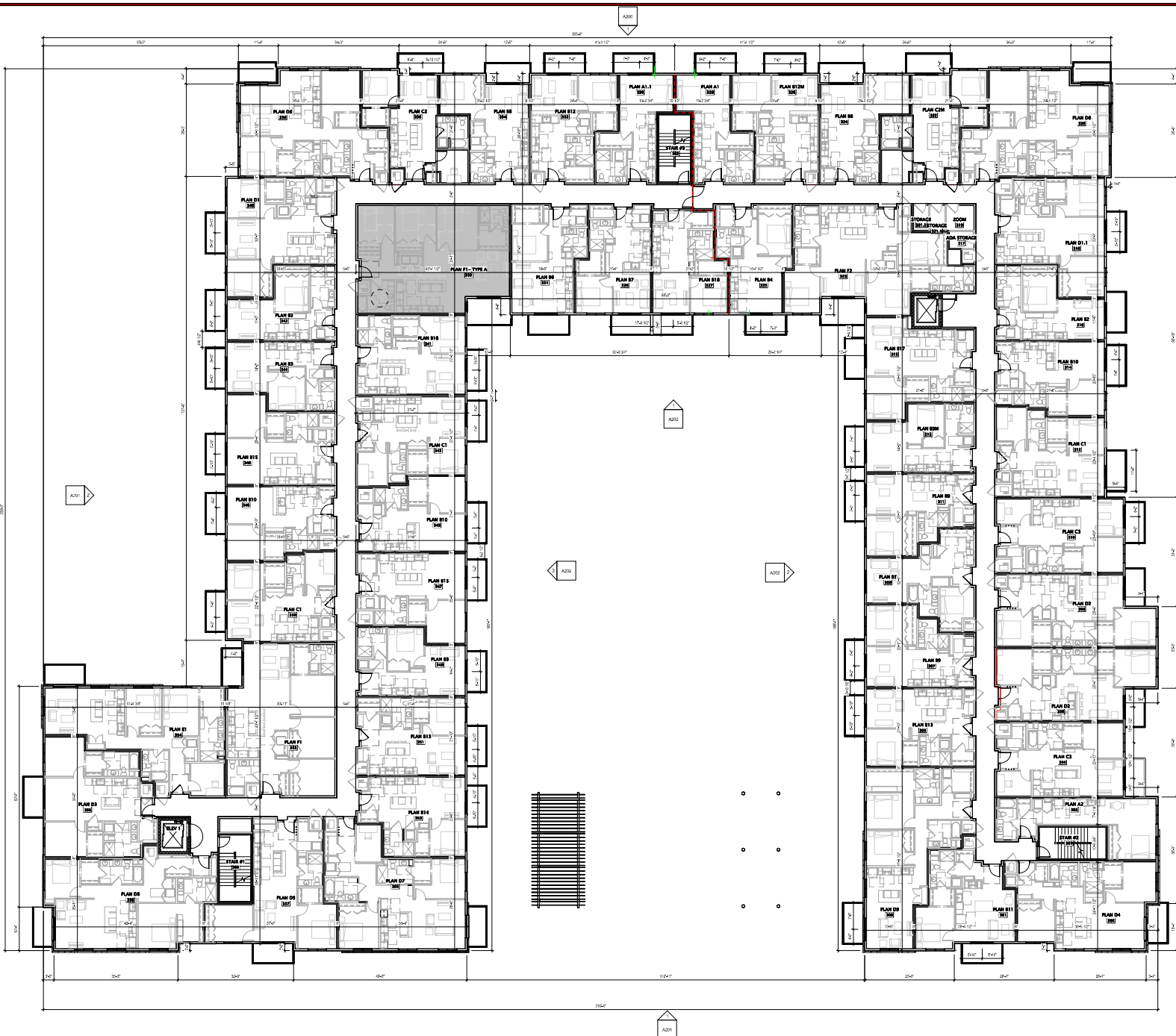
| Mark | Description | Date |
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| | | |

SHEET TITLE

PERSPECTIVE
RENDERINGS

SHEET NUMBER

A000



GENERAL PLAN NOTES

1. BUILDING REMAINS ARE TO OUTSIDE FACE OF STUD OR MASONRY WALLS UNLESS OTHERWISE NOTED.
2. WINDOW & DOOR LOCATION DIMENSIONS ARE TO CENTER OF WINDOW OR DOOR UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL ROUGH OPENINGS WITH MANUFACTURER.
3. VERIFY ALL STRUCTURAL MEMBER SIZE, BRACING, REINFORCING, AND BRACING WITH STRUCTURAL DRAWINGS.
4. ALL WOOD EXPOSED TO THE EXTERIOR OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESURE TREATED.
5. VERIFY ALL WINDOW, DOOR, TUB, SHOWER, REFRIGERATE, APPLIANCE, EQUIPMENT, ETC. ROUGH OPENINGS & CLEARANCES REQUIREMENT WITH MANUFACTURER.
6. PROVIDE SOUND BATT INSULATION AT ALL WALLS BRACING/STUDS, BATHROOMS, LAUNDRY ROOMS, CLOSETS, MECHANICAL ROOMS, CLOSETS, AND OTHER FINISHED WALLS.
7. PROVIDE BRACING AT ALL BEAM BAR LOCATIONS INCLUDING COA TENS OF FUTURE BEAMS & STAYS IN ALL FLOORS DESIGNATED AS ACCESSIBLE.
8. PROVIDE FLOOR JOIST BRACING (TYPICAL) THROUGHOUT ENTIRE BUILDING.
9. RE-DRAW ALL CABINETS LAYOUTS AND COORDINATE WITH THE MECHANICAL REQUIREMENTS OF ALL APPLIANCES & FIXTURES. PROVIDE FINISHED END PANELS AT ALL EXPOSED CABINET ENDS.
10. CALL OUT PERIMETERS OF ALL TUB & SHOWER END COVERS, CALL OUT PERIMETER OF ALL COUPLERS & BACKLASHES & BRASS ASSEMBLIES.
11. INSTALL FIXTURES, ACCESSORIES, ETC. ACCORDING TO THE MOUNTING HEIGHT SCHEDULES.
12. ALL WINDOWS & PATIO DOORS SHALL BE AS SPECIFIED IN THE SCOPE SPECIFICATION AND AS INDICATED IN THE EXTERIOR MATERIAL AND WINDOW SCHEDULES.

SHEET INDEX - ENLARGED UNIT TYPES

| PLAN TYPE | SHEET NO. |
|-------------------------|-----------|
| 1ST FLOOR W/BE FINISH | 101 |
| 1ST FLOOR ENLARGED PLAN | 102 |
| 1ST FLOOR ENLARGED PLAN | 103 |
| 1ST FLOOR ENLARGED PLAN | 104 |
| 1ST FLOOR ENLARGED PLAN | 105 |
| 1ST FLOOR ENLARGED PLAN | 106 |
| 1ST FLOOR ENLARGED PLAN | 107 |
| 1ST FLOOR ENLARGED PLAN | 108 |
| 1ST FLOOR ENLARGED PLAN | 109 |
| 1ST FLOOR ENLARGED PLAN | 110 |
| 1ST FLOOR ENLARGED PLAN | 111 |
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HARTUNG - B

ARCHITECTURAL DESIGN REVIEW SET

PROGRESS DOCUMENTS

These documents reflect progress on a permit and may be subject to change. The building department shall be notified. These are not final construction documents and they are not to be used for final building or contractor-related purposes.

DATE OF ISSUANCE: 03/17/2023

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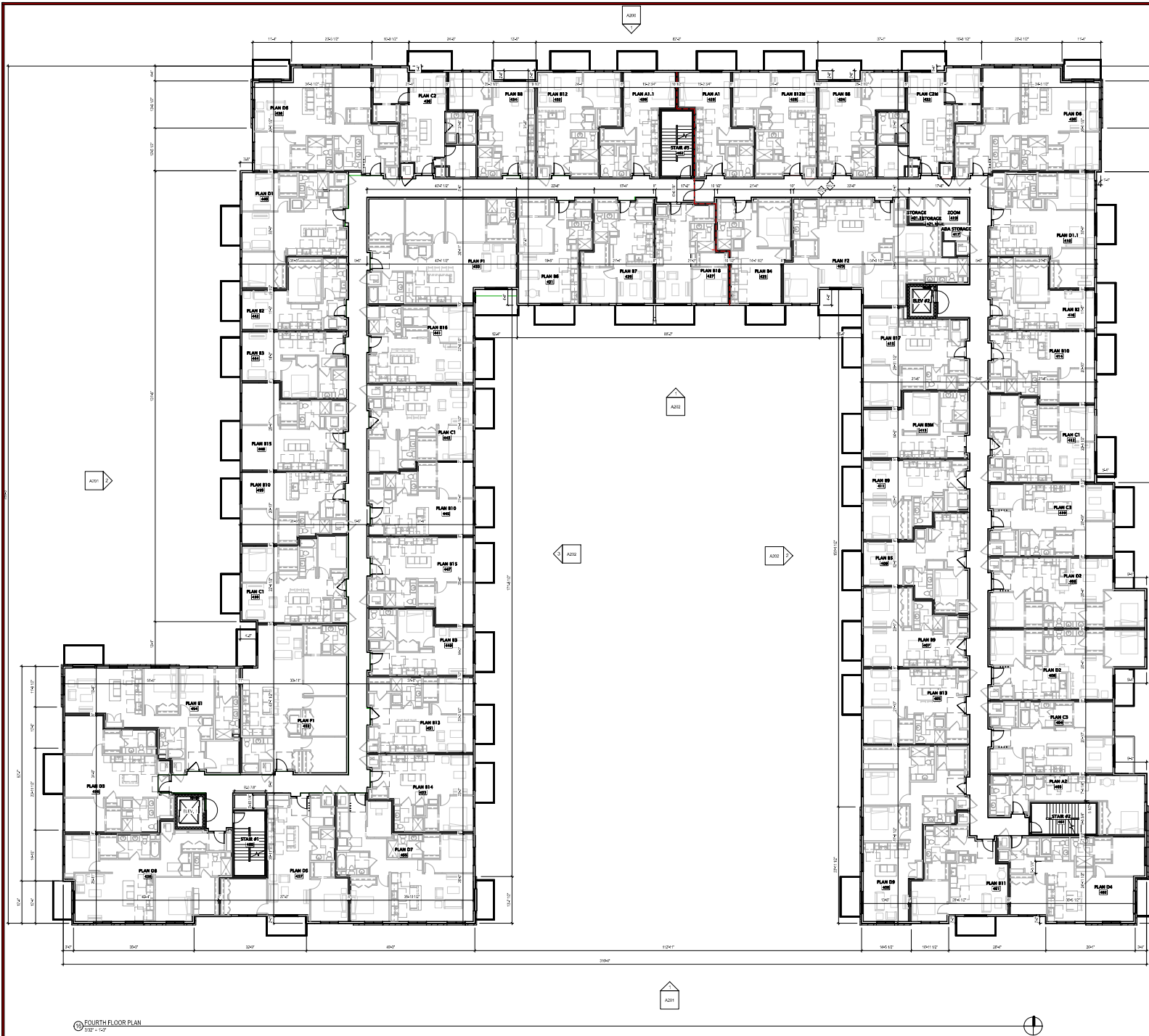
| Mark | Description | Date |
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SHEET TITLE
THIRD FLOOR PLAN

SHEET NUMBER
A103

10 THIRD FLOOR PLAN
1/2" = 1'-0"

10/2022 JLA ARCHITECTS



- ### GENERAL PLAN NOTES
1. BUILDING REMAINS ARE TO OUTSIDE FACE OF STUD OR MASONRY WALLS UNLESS OTHERWISE NOTED.
 2. WINDOW & DOOR LOCATION DIMENSIONS ARE TO CENTER OF WINDOW OR DOOR UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL ROUGH OPENINGS WITH MANUFACTURER.
 3. VERIFY ALL STRUCTURAL MEMBER SIZE, BRACING, REINFORCING, AND BRACKS WITH STRUCTURAL DRAWINGS.
 4. ALL WOOD EXPOSED TO THE EXTERIOR OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESURE TREATED.
 5. VERIFY ALL WINDOW, DOOR, TUB, SHOWER, REFRIGERATE, AIR-CONDITIONING EQUIPMENT, ETC. ROUGH OPENINGS & CLEARANCES REQUIREMENTS WITH MANUFACTURER.
 6. PROVIDE SOUND BATT INSULATION AT ALL WALLS SURROUNDING BATHROOMS, LAUNDRY ROOMS, CLOSETS, MECHANICAL ROOMS, CLOSETS, AND OTHER PLANED WALLS.
 7. PROVIDE FLOORING AT ALL GRAB BAR LOCATIONS, INCLUDING COACHENS OF FUTURE GRAB BARS & SEATS IN ALL AREAS DESIGNATED AS ACCESSIBLE.
 8. PROVIDE FLOORING FOR STAIRS/BISS/PLATS - TYPICAL THROUGHOUT ENTIRE BUILDING.
 9. RE-DRAW ALL CABINETS LAYOUTS AND COORDINATE WITH THE DIMENSIONAL REQUIREMENTS OF ALL APPLIANCES & FIXTURES. PROVIDE FINISHED END PANELS AT ALL EXPOSED CABINET ENDS.
 10. CALL OUT PERIMETERS OF ALL TUB & SHOWER END COVERS, CALL OUT PERIMETER OF ALL COULTERS/BACKPLATES & MOUNTING BARS.
 11. INSTALL FIXTURES, ACCESSORIES, ETC. ACCORDING TO THE MOUNTING HEIGHT SCHEDULES.
 12. ALL WINDOWS & PAID DOORS SHALL BE AS SPECIFIED IN THE SCOPE SPECIFICATION AND AS INDICATED IN THE EXTERIOR MATERIAL AND WINDOW SCHEDULES.

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ARCHITECTURAL DESIGN REVIEW SET

PROGRESS DOCUMENTS
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DATE OF ISSUANCE: 03/17/2023

| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |
| | | |

SHEET TITLE
FOURTH FLOOR PLAN

SHEET NUMBER
A104

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



- GENERAL PLAN NOTES**
1. BUILDING REMAINS ARE TO OUTSIDE FACE OF STUD OR MASONRY WALLS UNLESS OTHERWISE NOTED.
 2. WINDOW & DOOR LOCATION DIMENSIONS ARE TO CENTER LINE OF WINDOW OR DOOR UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL ROUGH OPENINGS WITH MANUFACTURER.
 3. VERIFY ALL STRUCTURAL MEMBER SIZE, SPACING, REINFORCING, AND BRACING WITH STRUCTURAL DRAWINGS.
 4. ALL WOOD EXPOSED TO THE EXTERIOR OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESURE TREATED.
 5. VERIFY ALL WINDOW, DOOR, TUB, SHOWER, REFRIGERATE, AIR-CONDITIONING, ETC., ROUGH OPENINGS & CLEARANCES REQUIREMENT WITH MANUFACTURER.
 6. PROVIDE SOUND BATT INSULATION AT ALL WALLS SURROUNDING BATHROOMS, LAUNDRY ROOMS, CLOSETS, MECHANICAL ROOMS, CLOSETS, AND OTHER FILLS WALLS.
 7. PROVIDE BELLWORK AT ALL GRAB BAR LOCATIONS INCLUDING COACHES OF FUTURE GRAB BARS & SEATS IN ALL AREAS DESIGNATED AS ACCESSIBLE.
 8. PROVIDE FRESH AIR EXHAUST FANS - TYPICAL THROUGHOUT ENTIRE BUILDING.
 9. RE-OPEN UP ALL CABINETS LAYOUTS AND COORDINATE WITH THE MECHANICAL REQUIREMENTS OF ALL APPLIANCES & FIXTURES. PROVIDE FINISHED END PANELS AT ALL EXPOSED CABINET ENDS.
 10. CALL OUT PERIMETERS OF ALL TUB & SHOWER ENCLOSURES, CALL OUT PERIMETER OF ALL COULTERS OF BACKLASHES & SUBSTRATES.
 11. INSTALL FIXTURES, ACCESSORIES, ETC., ACCORDING TO THE MOUNTING HEIGHT SCHEDULES.
 12. ALL WINDOWS & PATIO DOORS SHALL BE AS SPECIFIED IN THE SCOPE SPECIFICATION AND AS INDICATED IN THE EXTERIOR MATERIAL AND WINDOW SCHEDULES.

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JLA PROJECT NUMBER: W22-0913-2

HARTUNG - B

ARCHITECTURAL DESIGN REVIEW SET

PROGRESS DOCUMENTS
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DATE OF ISSUANCE: 03/17/2023

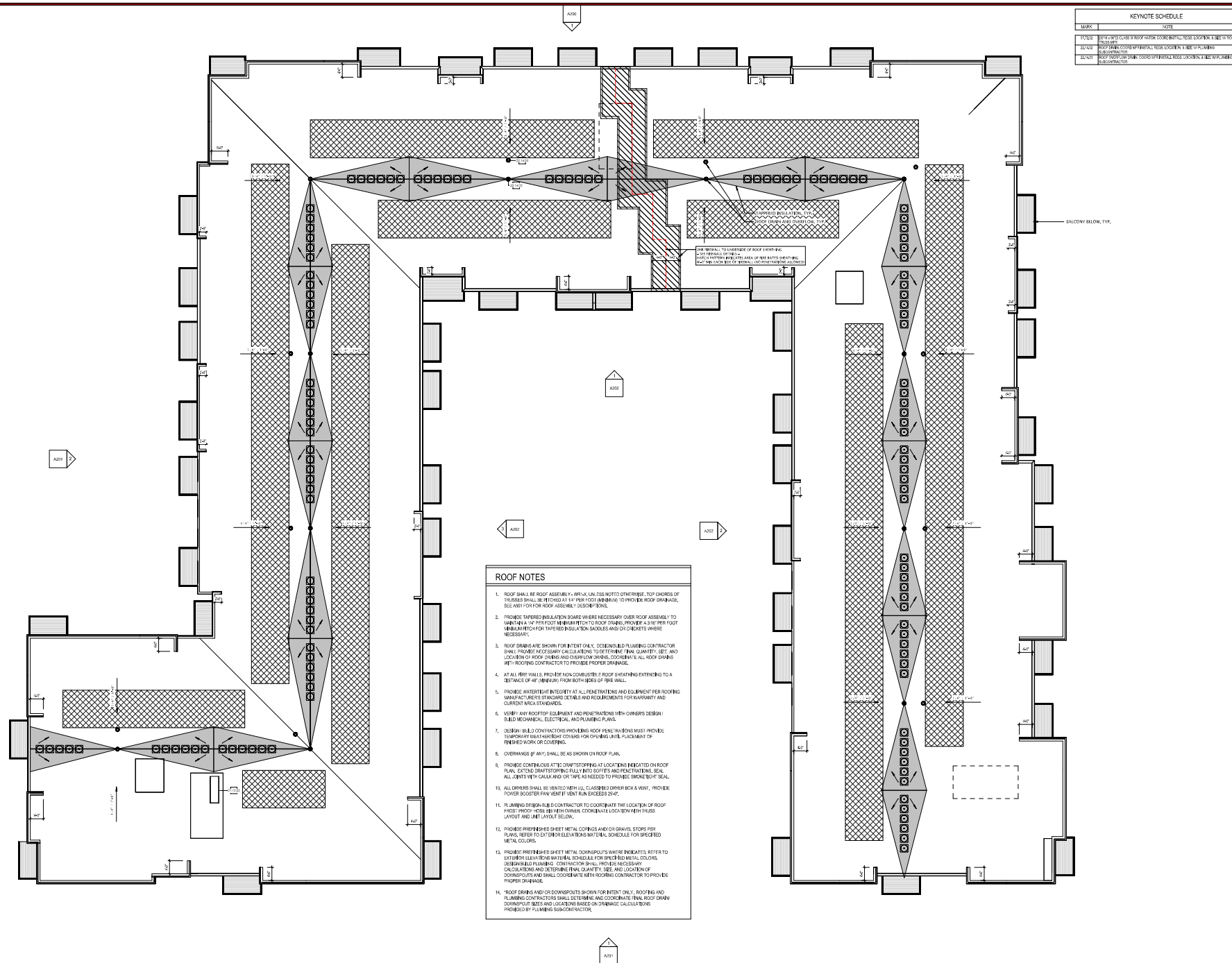
| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |
| | | |

SHEET TITLE
FIFTH FLOOR PLAN

SHEET NUMBER
A105

FIFTH FLOOR PLAN
 1/12 x 1/2"

| KEYNOTE SCHEDULE | |
|------------------|--|
| MARK | NOTE |
| A100 | SEE KEYNOTE SCHEDULE FOR ROOF FINISH, ROOF DRAINAGE, AND ROOF PENETRATIONS |
| A101 | SEE KEYNOTE SCHEDULE FOR ROOF FINISH, ROOF DRAINAGE, AND ROOF PENETRATIONS |
| A102 | SEE KEYNOTE SCHEDULE FOR ROOF FINISH, ROOF DRAINAGE, AND ROOF PENETRATIONS |
| A103 | SEE KEYNOTE SCHEDULE FOR ROOF FINISH, ROOF DRAINAGE, AND ROOF PENETRATIONS |



- ROOF NOTES**
1. ROOF SHALL BE ROOF ASSEMBLY - WR-ALU. SEE NOTED OTHERWISE. TOP CHORDS OF TRUSSES SHALL BE FINISHED AT 1/4" FROM ROOF ANCHORAGE TO PROVIDE ROOF DRAINAGE. SEE A101 FOR ROOF ASSEMBLY DESCRIPTION.
 2. PROVIDE TAPERED INSULATION BOARD WHERE NECESSARY OVER ROOF ASSEMBLY TO MAINTAIN A 1/4" PER FOOT MINIMUM SLOPE TO ROOF DRAINS. PROVIDE A 3/8" PER FOOT MINIMUM SLOPE FOR TAPERED INSULATION BOARD AND OVERLAP WHERE NECESSARY.
 3. ROOF DRAINS ARE SHOWN FOR INTENT ONLY. DESIGN BUILD PLUMBING CONTRACTOR SHALL PROVIDE NECESSARY CALCULATIONS TO DETERMINE FINAL QUANTITY, SIZE, AND LOCATION OF ROOF DRAINS AND OVERFLOW DRAINS. COORDINATE ALL ROOF DRAINS WITH ROOFING CONTRACTOR TO PROVIDE PROPER DRAINAGE.
 4. AT ALL FIRE WALLS, PROVIDE NON-COMBUSTIBLE ROOF SHEATHING EXTENDING TO A DISTANCE OF AT LEAST 18" FROM BOTH SIDES OF FIRE WALL.
 5. PROVIDE WATER-TIGHT INTEGRITY AT ALL PENETRATIONS AND EQUIPMENT PER ROOFING MANUFACTURER'S STANDARD DETAILS AND REQUIREMENTS FOR WARRANTY AND CURRENT MPCA STANDARDS.
 6. VERIFY ANY ROOFTOP EQUIPMENT AND PENETRATIONS WITH OWNER'S DESIGN / SUB-MECHANICAL, ELECTRICAL, AND PLUMBING PLANS.
 7. DESIGN BUILD CONTRACTORS PROVIDING ROOF PENETRATIONS MUST PROVIDE TEMPORARY WEATHER-TIGHT COVER FOR OPENING UNTIL PLACEMENT OF FINISHED ROOF COVERING.
 8. OVERHANGS IF ANY, SHALL BE AS SHOWN ON ROOF PLAN.
 9. PROVIDE CONTINGENT DETAIL DRIFTSTOPPING AT LOCATIONS INDICATED ON ROOF PLAN. EXTEND DRIFTSTOPPING FULLY INTO SOFFITS AND PENETRATIONS. SEAL ALL JOINTS WITH GULF AND/OR TAP AS NECESSARY TO PROVIDE WEATHER-TIGHT SEAL.
 10. ALL OWNERS SHALL BE VENTED WITH A CALIBERED OVERSIZING VENT. PROVIDE POWER BOOSTER FAN VENT IF VENT RUN EXCEEDS 25'-0".
 11. PLUMBING DESIGN BUILD CONTRACTOR TO COORDINATE THE LOCATION OF ROOF DRAINS. PROVIDE NOTES WITH OWNER. COORDINATE LOCATION WITH TRUSS LAYOUT AND LIFT LAYOUT BELOW.
 12. PROVIDE PREFINISHED SHEET METAL COINGS AND/OR GRAVEL STORES PER PLAN. REFER TO EXTERIOR ELEVATIONS MATERIAL SCHEDULE FOR SPECIFIED METAL COLORS.
 13. PROVIDE PREFINISHED SHEET METAL DOWNSPOUTS WHERE INDICATED. REFER TO EXTERIOR ELEVATIONS MATERIAL SCHEDULE FOR SPECIFIED METAL COLORS. SUBMIT BUILDING CONTRACTOR PLAN. PROVIDE NECESSARY CALCULATIONS AND DETERMINE FINAL QUANTITY, SIZE, AND LOCATION OF DOWNSPOUTS AND SHALL COORDINATE WITH ROOFING CONTRACTOR TO PROVIDE PROPER DRAINAGE.
 14. ROOF DRAINS AND/OR DOWNSPOUTS SHOWN FOR INTENT ONLY. ROOFING AND PLUMBING CONTRACTORS SHALL DETERMINE AND COORDINATE FINAL ROOF DRAIN DOWNSPOUT SIZES AND LOCATIONS BASED ON DRAINAGE CALCULATIONS PROVIDED BY PLUMBING SUB-CONTRACTOR.



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HARTUNG - B

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SHEET TITLE
ROOF PLAN

SHEET NUMBER
A110

ROOF PLAN
 001 - 100

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EXTERIOR MATERIAL LEGEND



| MARK | DESCRIPTION | MANUFACTURER | TYPE / STYLE | DIMENSIONS | COLOR |
|------|-------------------------------------|----------------------|--------------------------|----------------------------------|---------------------|
| 1 | WINDOW CASK | MAVIA ESSENTIAL | SEE SCHEDULE | SEE WINDOW SCHEDULE | BROWN |
| 2 | MASONRY - STONE | PARACRAFT BUILDING | RENAISSANCE ROCK FACE | 17" x 24" | BARNBARD |
| 3 | MASONRY - 2 BRICK | CLOUD CEMENTS-KANSAS | UTILITY BRICK | UTILITY SIZE | WINTER BLEND |
| 4 | PANEL - 1 (MASON) | MECCA | CONCRETE CONCRETE SERIES | 16" | SHOWO |
| 5 | PANEL - 2 (MASON) | CONCRETE | CONCRETE CONCRETE SERIES | 16" | REINFORCED CONCRETE |
| 6 | SEAL - 1 | JAMES HARVEY | CEMENTAL HORIZONTAL | 1/2" NOMINAL 48" (AS SHOWN) | COBBLESTONE |
| 7 | BALCONY RAILING | JAM SYSTEMS | ADVANTAGE | 2" x 2" SQUARE SEE PLANS FOR SEE | TEXTURED BLACK |
| 8 | BALCONY FLOOR | TRIK | COMPOSITE | SEE PLANS | CLAM SHELL |
| 9 | BALCONY FLOOR & TRIM | TRIK | TRIM | SEE PLANS | TRIM |
| 10 | WATER DOORS | MAVIA ESSENTIAL | SEE SCHEDULE | SEE PLANS | BROWN |
| 11 | DOOR - WINDOW TRIM | MAVIA ESSENTIAL | SEE SCHEDULE | SEE PLANS | BROWN |
| 12 | PRECAST CONCRETE LINTEL - PROFILE A | TRIK | PRECAST CONCRETE | SEE PROFILE - SHEET A201 | COFFEE |
| 13 | PRECAST CONCRETE BAND - PROFILE B | TRIK | PRECAST CONCRETE | SEE PROFILE - SHEET A201 | COFFEE |
| 14 | ALUMINUM WINDOW DOORS | AWANER - OR EQUAL | PREFINISHED ALUMINUM | SEE WINDOW DOOR SCHEDULE | BLACK |
| 15 | PREFINISHED METAL COPING | TRIK | PREFINISHED METAL | SEE DETAIL | MATCH WINDOW COLOR |



1 NORTH ELEVATION 5/27 - 1/2"



2 EAST ELEVATION 5/27 - 1/2"



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HARTUNG - B

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| Mark | Description | Date |
|------|-------------|------|
| | | |

SHEET TITLE

EXTERIOR ELEVATIONS

SHEET NUMBER

A200

EXTERIOR MATERIAL LEGEND



| MARK | DESCRIPTION | MANUFACTURER | TYPE / STYLE | DIMENSIONS | COLOR |
|------|--------------------------------------|-----------------------|--------------------------|------------------------------|--------------------|
| 11 | WINDOW CASK | MAVIL ESSENTIAL | SEE SCHEDULE | SEE WINDOW SCHEDULE | BROWN |
| 12 | MASONRY - STONE | PARADIGM BUILDING | RENAISSANCE ROCK FACE | 17" X 24" | BARNBARD |
| 13 | MASONRY - 2 BRICK | CLOUD DESIGN - KANSAS | UTILITY BRICK | UTILITY SIZE | WINTER BLEND |
| 14 | STONE - 1 (MASON) | MAVIL ESSENTIAL | CONCRETE CONCRETE SERIES | 18" | SHOW |
| 15 | STONE - 2 (MASON) | MAVIL ESSENTIAL | CONCRETE CONCRETE SERIES | 18" | SHOW |
| 16 | STONE - 3 (MASON) | MAVIL ESSENTIAL | CONCRETE CONCRETE SERIES | 18" | SHOW |
| 17 | STONE - 4 (MASON) | MAVIL ESSENTIAL | CONCRETE CONCRETE SERIES | 18" | SHOW |
| 18 | BALCONY RAILING | JAM SYSTEMS | ADVANTAGE | 2" TYP. SEE PLANS FOR DETAIL | TEXTURED BLACK |
| 19 | BALCONY FLOOR | TRIK | COMPOSITE | SEE PLANS | CLAM SHELL |
| 20 | BALCONY WOODEN S. TRIM | TRIK | COMPOSITE | SEE PLANS | CLAM SHELL |
| 21 | WATER DOORS | MAVIL ESSENTIAL | SEE SCHEDULE | SEE PLANS | BROWN |
| 22 | WOOD WINDOW CAB | MAVIL ESSENTIAL | SEE SCHEDULE | SEE PLANS | BROWN |
| 23 | PRECAST CONCRETE LINTEL - PROFILE 45 | TRIK | PRECAST CONCRETE | SEE PROFILES - SHEET A201 | COFFEE |
| 24 | PRECAST CONCRETE LINTEL - PROFILE 45 | TRIK | PRECAST CONCRETE | SEE PROFILES - SHEET A201 | COFFEE |
| 25 | PRECAST CONCRETE LINTEL - PROFILE 45 | TRIK | PRECAST CONCRETE | SEE PROFILES - SHEET A201 | COFFEE |
| 26 | PRECAST CONCRETE LINTEL - PROFILE 45 | TRIK | PRECAST CONCRETE | SEE PROFILES - SHEET A201 | COFFEE |
| 27 | PRECAST CONCRETE LINTEL - PROFILE 45 | TRIK | PRECAST CONCRETE | SEE PROFILES - SHEET A201 | COFFEE |
| 28 | PRECAST CONCRETE LINTEL - PROFILE 45 | TRIK | PRECAST CONCRETE | SEE PROFILES - SHEET A201 | COFFEE |
| 29 | ALUMINUM WINDOW DOORS | ANAWNER - OR EQUAL | PRE-FINISHED ALUMINUM | SEE WINDOW SCHEDULE | BLACK |
| 30 | PRE-FINISHED METAL COPING | TRIK | PRE-FINISHED METAL | SEE DETAIL | MATCH WINDOW COLOR |



1 SOUTH ELEVATION
302' x 142'



2 WEST ELEVATION
302' x 142'



JLA PROJECT NUMBER: W22-0913-2

HARTUNG - B
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These documents reflect progress on a client and may be subject to change, including additional details. These are not final construction documents and should not be used for final bidding or construction-related purposes.

DATE OF ISSUANCE: 03/17/2023

| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |
| | | |

SHEET TITLE
EXTERIOR ELEVATIONS

SHEET NUMBER
A201

EXTERIOR MATERIAL LEGEND



| MARK | DESCRIPTION | MANUFACTURER | TYPE / STYLE | DIMENSIONS | COLOR |
|------|-------------------------------------|---------------------------------|-----------------------|------------------------|--------------------|
| 11 | WINDOW DARK | MAVIA ESSENTIAL WINDOWS | SEE SCHEDULE | SEE WINDOW SCHEDULE | BLACK |
| 12 | MASONRY - STONE | PARACRAFT BUILDING PRODUCTS | RENAISSANCE ROCK FACE | 1" x 2" | BARNBOARD |
| 13 | MASONRY - 2 (BRICK) | CLOUD DESIGN-CAMAS BRICK & TILE | UTILITY BRICK | UTILITY SIZE | WATER BLEND |
| 14 | PAVE - 1 (DARK) | CONCRETE | CONCRETE | 8" | SHADOW |
| 15 | PAVE - 2 (LIGHT) | CONCRETE | CONCRETE | 8" | REARVIEW CONCRETE |
| 16 | SEAL - 1 | DAVIS-HARVEY | FLORAL - HORIZONTAL | 1" NOMINAL W/ EXPOSURE | COBBLESTONE |
| 17 | BALCONY RAILING | JAY SYSTEMS | ADVANTAGE | 2" x 2" SQUARE | TEXTURED BLACK |
| 18 | BALCONY FLOOR | TRIK | COMPOSITE | SEE PLANS | CLAM SHELL |
| 19 | BALCONY FLOOR - TRIM | TRIK | COMPOSITE | SEE PLANS | TRIM |
| 20 | ROOF DOORS | MAVIA ESSENTIAL WINDOWS | SEE SCHEDULE | SEE PLANS | BLACK |
| 21 | ROOF WINDOW - TRIM | MAVIA ESSENTIAL WINDOWS | SEE SCHEDULE | SEE PLANS | BLACK |
| 22 | ROOFER COURSE - MASONRY - 1 (BRICK) | CLOUD DESIGN-CAMAS BRICK & TILE | UTILITY BRICK | SEE PLANS | COFFEE |
| 23 | ROOFER COURSE - MASONRY - 2 (BRICK) | CLOUD DESIGN-CAMAS BRICK & TILE | UTILITY BRICK | SEE PLANS | COFFEE |
| 24 | ALUMINUM WINDOW DOORS | AWANER - OR EQUAL | PRE-FINISHED ALUMINUM | SEE WINDOW SCHEDULE | BLACK |
| 25 | PRE-FINISHED METAL COILING | TRIK | PRE-FINISHED METAL | SEE DETAIL | MATCH WINDOW COLOR |



1 NORTH ELEVATION - COURTYARD
100'-0" to 155'-9 3/4"



2 EAST ELEVATION - COURTYARD
100'-0" to 155'-9 3/4"



3 WEST ELEVATION - COURTYARD
100'-0" to 155'-9 3/4"



JLA PROJECT NUMBER: W22-0913-2

HARTUNG - B

ARCHITECTURAL DESIGN REVIEW SET

| REVISION SCHEDULE | |
|-------------------|------|
| Mark | Date |
| | |

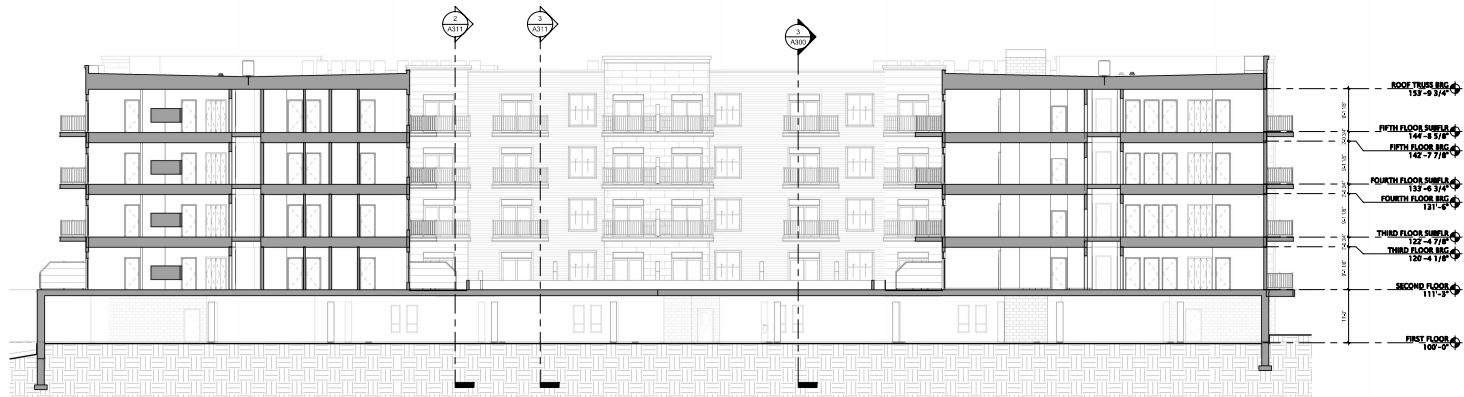
DATE OF ISSUANCE: 03/17/2023

EXTERIOR ELEVATIONS

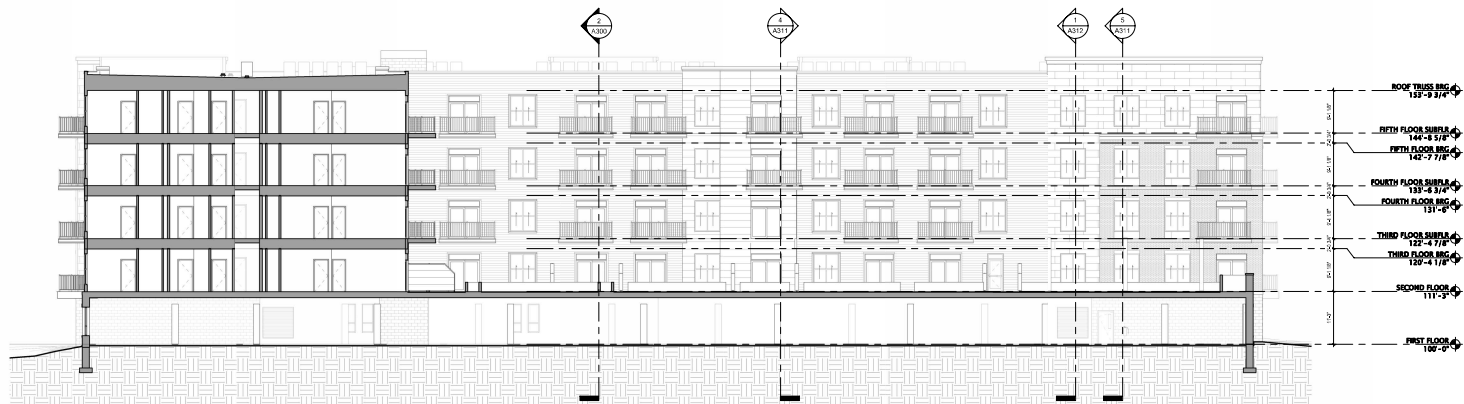
SHEET NUMBER: A202



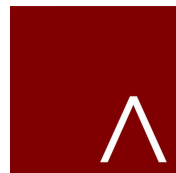
1 BUILDING SECTION 3
3/02' x 14'



2 BUILDING SECTION 2
3/02' x 14'



3 BUILDING SECTION 1
3/02' x 14'



JLA
ARCHITECTS

MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0913-2

HARTUNG - B

ARCHITECTURAL DESIGN REVIEW SET

PROGRESS DOCUMENTS

These documents reflect decisions or a client and may be subject to change. For building construction, please refer to the final construction documents and do not use for final building or contractor-related purposes.

DATE OF ISSUANCE: 03/17/2023

| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |
| | | |

SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A300

| | | | | | |
|--------------------|---------------------------|------------------|--------------------------------|-------------|----|
| Project | Hartung Fields Building A | Catalog # | PRV-C25-740-D-UNV-T4-SA-BK-HSS | Type | OA |
| Prepared by | | Notes | | Date | |



Lumark

Prevail LED

Area / Site Luminaire

Product Features



Product Certifications



Interactive Menu

- Ordering Information [page 2](#)
- Mounting Details [page 3, 4](#)
- Optical Configurations [page 5](#)
- Product Specifications [page 5](#)
- Energy and Performance Data [page 6, 7](#)
- Control Options [page 8](#)

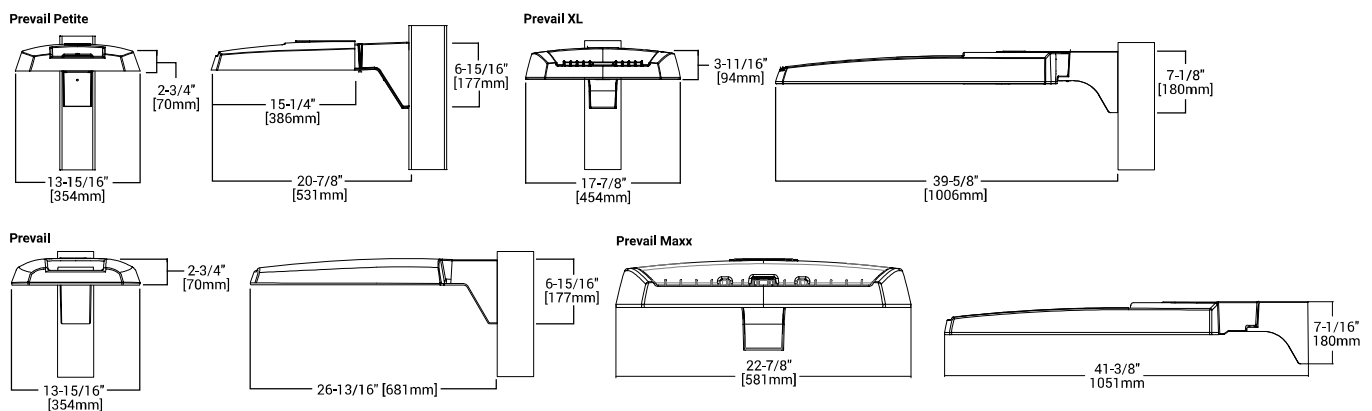
Quick Facts

- Lumen packages range from 4,800 - 84,000 lumens (35W - 588W)
- Replaces 70W up to 1,000W HID equivalents
- Efficacies up to 160 lumens per watt
- Energy and maintenance savings up to 85% versus HID solutions
- Standard universal quick mount arm with universal drill pattern

Connected Systems

- WaveLinx PRO Wireless
- WaveLinx LITE Wireless

Dimensional Details



NOTES:
 1. Visit <https://www.designlights.org/search/> to confirm qualification. Not all product variations are DLC qualified.
 2. IDA Certified for 3000K CCT and warmer only.

Ordering Information

SAMPLE NUMBER: PRV-XL-C75-D-UNV-T4-SA-BZ

| Product Family ^{1,2} | Light Engine ⁴ | Color Temperature | Driver | Voltage | Distribution | Mounting | Color |
|--|---|---|-------------------|--|--|---|--|
| PRV-P=Prevail Petite BAA-PRV-P=Prevail Petite BAA Compliant ³ TAA-PRV-P=Prevail Petite TAA Compliant ³ | C10=(1 LED) 4,900 Nominal Lumens C15=(1 LED) 6,900 Nominal Lumens C20=(1 LED) 9,800 Nominal Lumens C25=(1 LED) 11,800 Nominal Lumens | 740=70CRI, 4000K 727=70CRI, 2700K 730=70CRI, 3000K 750=70CRI, 5000K 8540=85CRI, 4000K | D=Dimming (0-10V) | UNV=Universal (120-277V) H=High Voltage, 347-480V 8=480V ⁵ 9=347V DV=DuraVolt (277-480V) ^{5,6} | T2=Type II T3=Type III T4=Type IV T5=Type V | SA=QM Standard Versatile Arm MA=QM Mast Arm FMA= Fixed Mast Arm ²⁷ WM=QM Wall Mount Arm ADJA-WM=Adjustable Arm-Wall Mount ²⁹ ADJA=Adjustable Arm-Pole Mount ²⁹ ADJS=Adjustable Arm-Slipfitter, 3" vertical tenon ²⁹ SP2=Adjustable Arm-Slipfitter, 2 3/8" vertical tenon ^{27, 29} | BZ=Bronze AP=Grey BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White |
| PRV=Prevail BAA-PRV=Prevail BAA Compliant ³ TAA-PRV=Prevail TAA Compliant ³ | C15=(1 LED) 7,100 Nominal Lumens C25=(2 LEDs) 13,100 Nominal Lumens C40=(2 LEDs) 17,100 Nominal Lumens C60=(2 LEDs) 20,000 Nominal Lumens | | | | | | |
| PRV-XL=Prevail XL BAA-PRV-XL=Prevail XL BAA Compliant ³ TAA-PRV-XL=Prevail XL TAA Compliant ³ | C75=(4 LED) 26,100 Nominal Lumens C100=(4 LED) 31,000 Nominal Lumens C125=(4 LED) 36,000 Nominal Lumens C150=(6 LED) 41,100 Nominal Lumens C175=(6 LED) 48,600 Nominal Lumens | | | | | | |
| PRV-M=Prevail Maxx BAA-PRV-M=Prevail Maxx BAA Compliant ³ TAA-PRV-M=Prevail MaxxTAA Compliant ³ | C200=(9 LED) 48,000 Nominal Lumens C225=(9 LED) 56,000 Nominal Lumens C250=(9 LED) 65,000 Nominal Lumens C275=(9 LED) 73,000 Nominal Lumens | | | | | | |

| Options (Add as Suffix) | Accessories (Order Separately) ^{20,21} |
|--|---|
| <p>7030=70 CRI / 3000K CCT ⁷ 7050=70 CRI / 5000K CCT ⁷ CC=Coastal Construction finish ¹⁰ HSS=House Side Shield ⁸ L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right 10K=10kV/10kA UL 1449 Fused Surge Protective Device 20MSP=20kV MOV Surge Protective Device 20K=20kV UL 1449 Fused Surge Protective Device HA=50°C High Ambient Temperature ⁹ PR=NEMA 3-PIN Twistlock Photocontrol Receptacle ¹¹ PR7=NEMA 7-PIN Twistlock Photocontrol Receptacle ¹¹ FADC=Field Adjustable Dimming Controller ³⁰ MS/DIM-L08=Dimming Motion and Daylight Sensor, IR Remote Programmable, < 8' Mounting Height ^{12, 13} MS/DIM-L20=Dimming Motion and Daylight Sensor, IR Remote Programmable, 8' - 20' Mounting Height ^{12, 13} MS/DIM-L40=Dimming Motion and Daylight Sensor, IR Remote Programmable, 21' - 40' Mounting Height ^{12, 13}</p> | <p>SPB1=Dimming Motion and Daylight Sensor, Bluetooth Programmable, < 8' Mounting Height ^{12, 14} SPB2=Dimming Motion and Daylight Sensor, Bluetooth Programmable, 8' - 20' Mounting Height ^{12, 14} SPB4=Dimming Motion and Daylight Sensor, Bluetooth Programmable, 21' - 40' Mounting Height ^{12, 14, 27, 28} WPS2XX=WaveLinX Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting ^{12, 15, 16, 17} WPS4XX=WaveLinX Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting ^{12, 15, 16, 17} WLS2XX=WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting ^{12, 15, 16, 17} WLS4XX=WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting ^{12, 15, 16, 17} (See Table Below)=LumenSafe Integrated Network Security Camera ^{18, 19}</p> |
| <p>PRVSA-XX=Standard Arm Mounting Kit ²² PRVMA-XX=Mast Arm Mounting Kit ²² PRVWM-XX=Wall Mount Kit ²² PRV-ADJA-XX=Adjustable Arm - Pole Mount Kit ²² PRV-ADJS-XX=Adjustable Arm - Slipfitter Kit ²² PRV-ADJA-WM-XX=Adjustable Arm - Wall Mount Kit ²² PRVXLSA-XX=Standard Arm Mounting Kit ²⁸ PRVXLMA-XX=Mast Arm Mounting Kit ²⁸ PRVXLWM-XX=Wall Mount Kit ²⁸ PRV-XL-ADJA-XX=Adjustable Arm - Pole Mount Kit ²⁸ PRV-XL-ADJS-XX=Adjustable Arm - Slipfitter Kit ²⁸ PRV-XL-ADJA-WM-XX=Adjustable Arm - Wall Mount Kit ²⁸ PRV-M-ADJA-XX=Adjustable Arm - Pole Mount Kit ²⁷ PRV-M-ADJS-XX=Adjustable Arm - Slipfitter Kit ²⁷ PRV-M-ADJA-WM-XX=Adjustable Arm - Wall Mount Kit ²⁷ MA1010-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon MA1011-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon</p> | <p>MA1017-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon MA1018-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon SRA238=Tenon Adapter from 3" to 2-3/8" PRV/COB-FDV=Full Drop Visor ²³ PRVXL/COB-FDV=Full Drop Visor ¹⁸ HS/VERD=House Side Shield Kit ^{8, 24} VGS-F/B= Vertical Glare Shield Kit, Front/Back ²⁴ VGS-SIDE=Vertical Glare Shield Kit, Side ²⁴ OA/RA1013=Photocontrol Shorting Cap OA/RA1014=NEMA Photocontrol - 120V OA/RA1016=NEMA Photocontrol - Multi-Tap 105-285V OA/RA1201=NEMA Photocontrol - 347V OA/RA1027=NEMA Photocontrol - 480V FSIR-100=Wireless Configuration Tool for Occupancy Sensor ²⁵ WOLC-7P-10A=WaveLinX Outdoor Control Module (7-PIN) ²⁶</p> |

- NOTES:**
- DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
 - Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to installation instructions IB500002EN and pole white paper WP513001EN for additional support information.
 - Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to [DOMESTIC PREFERENCES](http://www.domesticpreferences.com) website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
 - Standard 4000K CCT and 70CRI.
 - 480V not to be used with ungrounded or impedance grounded systems.
 - DuraVolt drivers feature added protection from power quality issues such as loss of neutral, transients and voltage fluctuations. Visit www.signify.com/duravolt for more information.
 - Use dedicated IES files on product website for non-standard CCTs.
 - House Side Shield not suitable with T5 distribution. Not available with PRV-C60 lumen package.
 - Not available with PRV-C60 lumen package. Not available with PRV-P-C25 lumen package.
 - Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654.
 - If DuraVolt (DV) is specified, use a photocontrol that matches the input voltage used.
 - Controls system is not available in combination with a photocontrol receptacle (PR & PER7) or another controls system (MS or SPB). Option not available with DuraVolt (DV) voltage option.
 - Utilizes the Wattstopper sensor FSP-211. Sensor color white unless specified otherwise via PDR. To field-configure, order FSIR-100 accessory separately.
 - Utilizes the Wattstopper sensor FSP-3XX series. Sensor color determined by product finish. See Sensor Color Reference Table. Field-configures via mobile application. See Controls section for details.
 - Sensor passive infrared (PIR) may be overly sensitive when operating below -20°C (-4°F).
 - For the device to be field-configurable, requires WAC Gateway components WAC-PoE and WPOE-120 in appropriate quantities. Only compatible with WaveLinX system and software and requires system components to be installed for operation. See website for more WaveLinX application information.
 - Replace XX with sensor color (WH, BZ, or BK).
 - Only available in PRV-XL configurations C75, C100, C125, C150, or C175.
 - Not available with 347V, 480V, DV, or HA options. Consult LumenSafe system product pages for additional details and compatibility information.
 - Replace XX with paint color.
 - For BAA or TAA requirements, Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
 - Not for use with PRV-XL or PRV-M configurations.
 - Only for use with PRV. Not applicable to PRV-M, PRV-XL, or PRV-P.
 - Must order one per optic/LED when ordering as a field-installable accessory (1, 2, 4, 6 or 9).
 - This tool enables adjustment to Motion Sensor (MS) parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative for more information.
 - Requires 7-PIN NEMA twistlock photocontrol receptacle (PR & PER7) option. The WOLC-7 cannot be used in conjunction with other controls systems (MS or LWR). Operates on 120-347V input voltages.
 - Only for use with PRV-M configurations.
 - Only for use with PRV-XL configurations.
 - Fixed for PRV-M.
 - Cannot be used with PR7 or other motion response control options

LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

| Product Family | Camera Type | Data Backhaul | | |
|------------------------|--|--|---|-----------------------|
| L=LumenSafe Technology | H=Dome Camera, High Res Z=Dome Camera, Remote PTZ | C=Cellular, Customer Installed SIM Card A=Cellular, Factory Installed AT&T SIM Card | V=Cellular, Factory Installed Verizon SIM Card S=Cellular, Factory Installed Sprint SIM Card | E=Ethernet Networking |

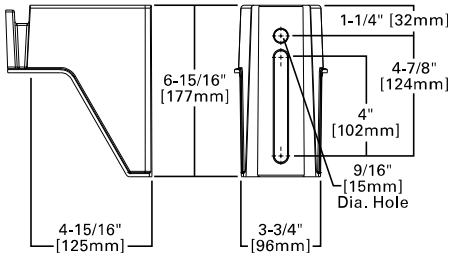
Stock Ordering Information

| Product Family ¹ | Light Engine | Voltage | Distribution |
|-----------------------------|---|---|---------------------------|
| PRVS=Prevail | C15=(1 LED) 7,100 Nominal Lumens C25=(2 LEDs) 13,100 Nominal Lumens C40=(2 LEDs) 17,100 Nominal Lumens C60=(2 LEDs) 20,000 Nominal Lumens | UNV=Universal (120-277V) 347-347V ² | T3=Type III T4=Type IV |
| PRVS-XL=Prevail XL | C75=(4 LED) 26,100 Nominal Lumens C100=(4 LED) 31,000 Nominal Lumens C125=(4 LED) 36,000 Nominal Lumens C150=(6 LED) 41,100 Nominal Lumens C175=(6 LED) 48,600 Nominal Lumens | | |

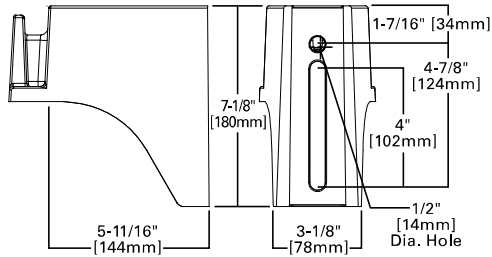
- NOTES:**
- All stock configurations are standard 4000K/70CRI, bronze finish, and include the standard versatile mounting arm.
 - Only available in PRVS configurations C15, C25, C40 or C60.

Mounting Details

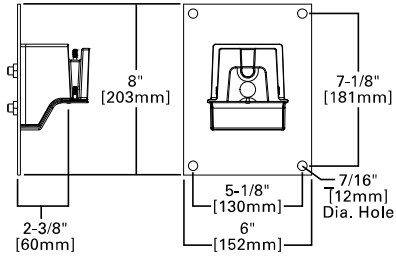
SA=QM Pole Mount Arm (PRV & PRV-P)



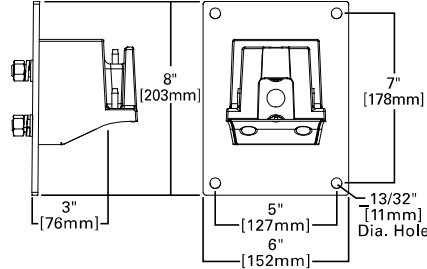
SA=QM Pole Mount Arm (PRV-XL)



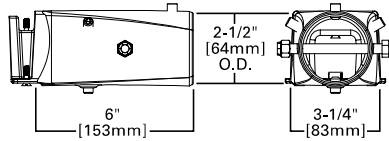
WM=QM Wall Mount Arm (PRV & PRV-P)



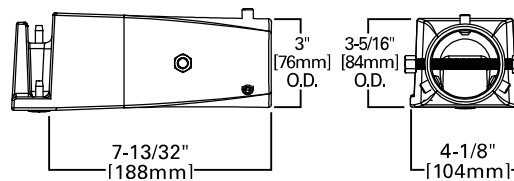
WM=QM Wall Mount Arm (PRV-XL)



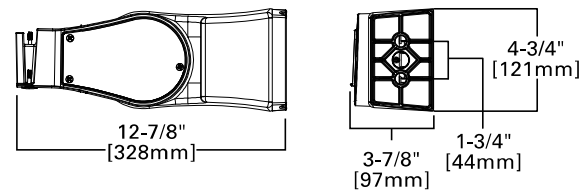
MA=QM Mast Arm (PRV & PRV-P)



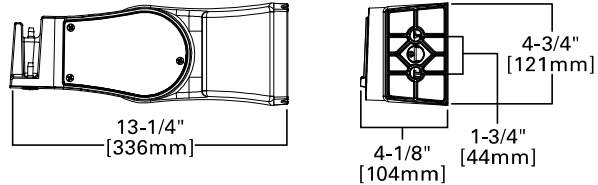
MA=QM Mast Arm (PRV-XL)



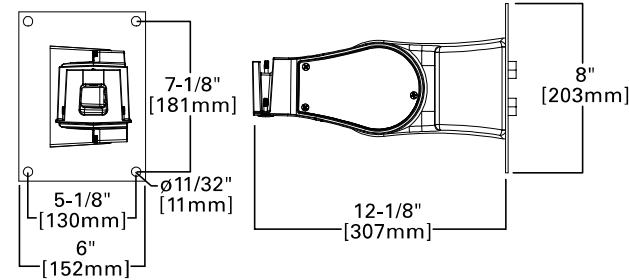
ADJA=Adjustable Arm Pole Mount (PRV & PRV-P)



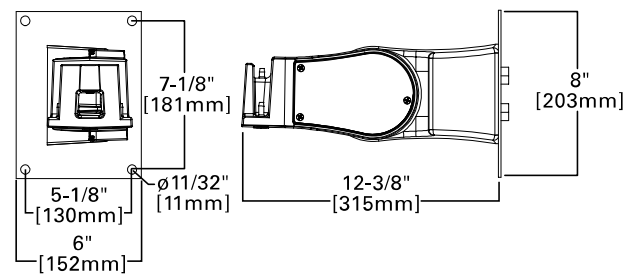
ADJA=Adjustable Arm Pole Mount (PRV-XL)



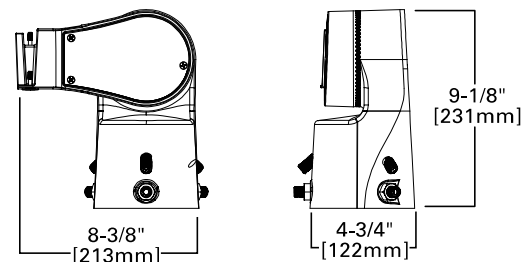
ADJA-WM=Adjustable Arm Wall Mount (PRV & PRV-P)



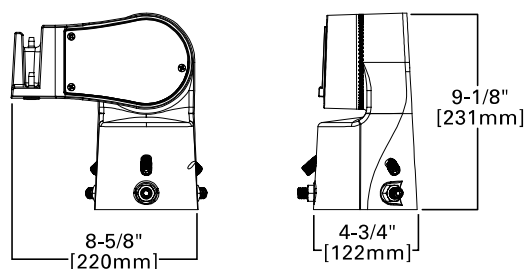
ADJA-WM=Adjustable Arm Wall Mount (PRV-XL)



ADJS=Adjustable Slipfitter 3 (PRV & PRV-P)

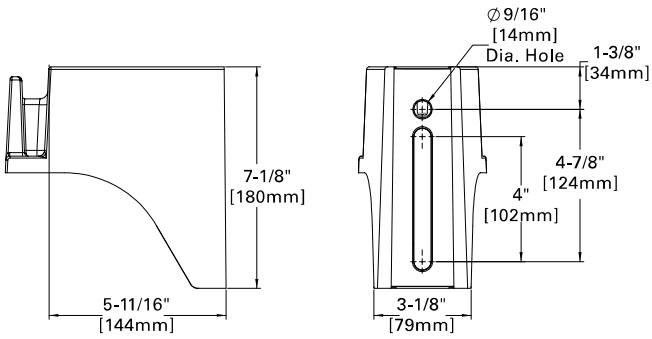


ADJS=Adjustable Slipfitter 3 (PRV-XL)

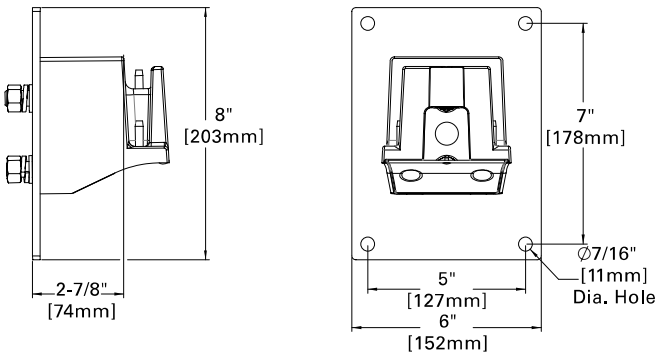


Mounting Details

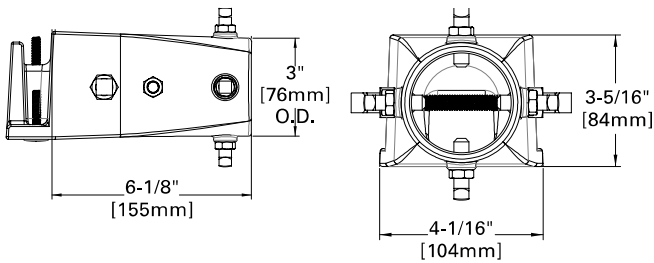
SA=QM Pole Mount Arm (PRV-M)



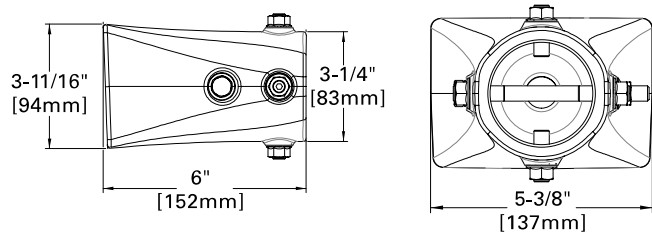
WM=QM Wall Mount Arm (PRV-M)



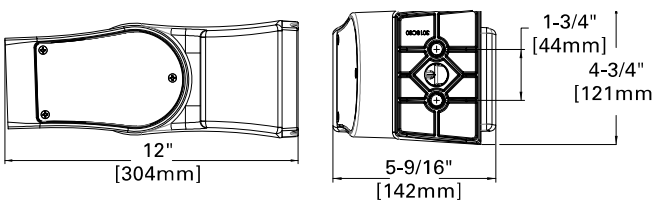
MA=QM Mast Arm (PRV-M)



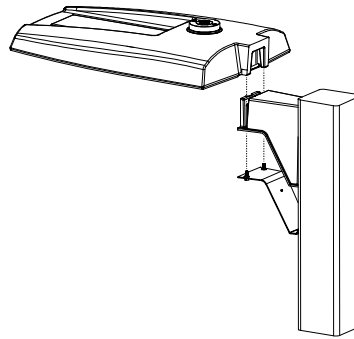
FMA=Fixed Mast Arm (PRV-M)



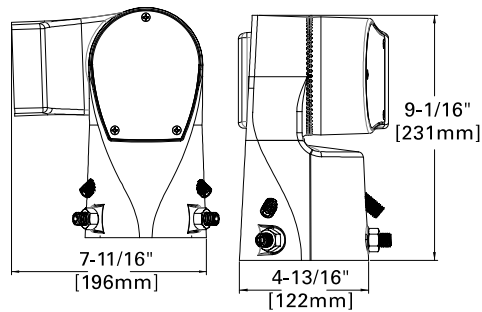
DM=Direct Pole Mount Arm (PRV-M)



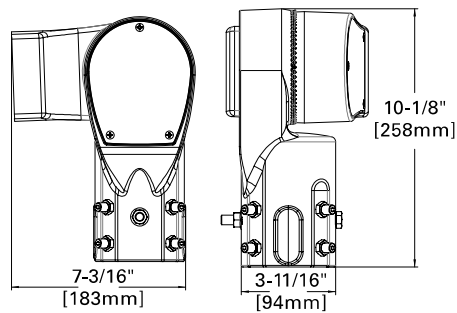
Versatile Mount System



ADJS=Adjustable Slipfitter (PRV-M)



SP2=Adjustable Slipfitter 2-3/8" (PRV-M)



Mounting Details

Mounting Configurations and EPAs

NOTE: For 2 PRV's mounted at 90°, requires minimum 3" square or 4" round pole for fixture clearance. For 2 PRV-XL's mounted at 90°, requires minimum 4" square or round pole for fixture clearance. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for applications.

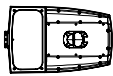
| Housing Size | Tilt Angle (Degrees) | Arm Mount Single | Arm Mount 2 @ 180° | Arm Mount 2 @ 90° | Arm Mount 3 @ 90° | Arm Mount 4 @ 90° |
|----------------|-----------------------|------------------|--------------------|-------------------|-------------------|-------------------|
| Prevail Petite | 0° | 0.54 | 1.08 | 0.84 | 1.38 | 1.38 |
| | 60° | 1.68 | 1.85 | 2.42 | 3.15 | 3.30 |
| Prevail | 0° | 0.92 | 1.35 | 1.42 | 1.63 | 1.63 |
| | 60° | 2.20 | 2.40 | 3.05 | 3.88 | 4.07 |
| | 60° + Full Drop Visor | 2.20 | 2.40 | 3.25 | 4.28 | 4.47 |
| Prevail XL | 0° | 1.12 | 2.25 | 2.13 | 2.52 | 2.52 |
| | 60° | 3.99 | 4.30 | 5.26 | 6.51 | 6.79 |
| | 60° + Full Drop Visor | 3.99 | 4.30 | 5.59 | 7.17 | 7.49 |
| Prevail Maxx | 0° | 1.28 | 2.56 | 1.7 | 2.69 | 2.69 |
| | 60° | 5.09 | 5.52 | 6.34 | 7.49 | 7.81 |

Optical Configurations

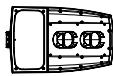
PRV-P-C10/C15/C20/C25
(4,900/6,900/9,800/11,800 Nominal Lumens)



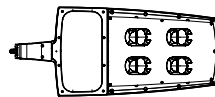
PRV-C15
(7,100 Nominal Lumens)



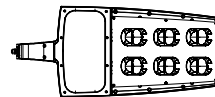
PRV-C25/C40/C60
(13,100/17,100/20,900 Nominal Lumens)



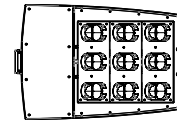
PRV-XL-C75/C100/C125
(26,100/31,000/36,300 Nominal Lumens)



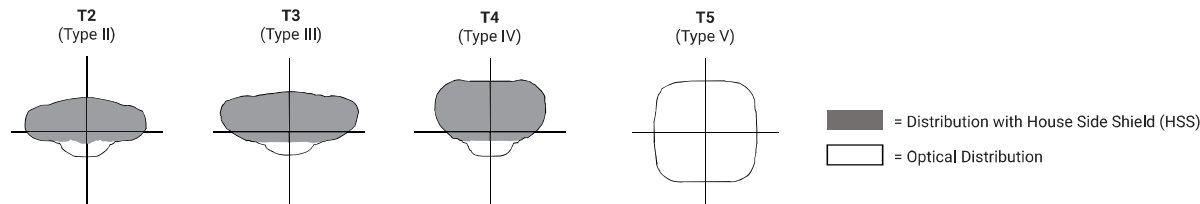
PRV-XL-C150/C175
(41,100/48,600 Nominal Lumens)



PRV-M-PA6X
(50,000/60,000/70,000/80,000 Nominal Lumens)



Optical Distributions



Product Specifications

Construction

- Single-piece die-cast aluminum housing
- Tethered die-cast aluminum door

Optics

- Dark Sky Approved (3000K CCT and warmer only)
- Precision molded polycarbonate optics

Electrical

- -40°C minimum operating temperature
- 40°C maximum operating temperature
- >.9 power factor
- <20% total harmonic distortion
- Class 1 electronic drivers have expected life of 100,000 hours with <1% failure rate
- 0-10V dimming driver is standard with leads external to the fixture
- Standard MOV surge protective device designed to withstand 10kV of transient line surge
- Luminaire available with the field adjustable dimming controller (FADC) to manually adjust wattage and reduce the total lumen output and light levels. Comes pre-set to the highest position at the lumen output selected.

Mounting

- Versatile, patented, standard mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8" (Type M drilling recommended for new installations)
- A knock-out on the standard mounting arm enables round pole mounting
- Adjustable pole and wall mount arms adjust in 5° increments from 0° to 60°; Downward facing orientation only (Type N drilling required for ADJA mount)
- Adjustable slipfitter arm adjusts in 5° increments from -5° to 85°; Downward facing orientation only
- Adjustable Arms: 1.5G vibration rated
- Prevail and Prevail Petite: 3G vibration rated
- Prevail XL Mast Arm: 3G vibration rated
- Prevail XL Standard Arm: 1.5G vibration rated

Typical Applications

- Parking lots, Walkways, Roadways and Building Areas

Finish

- Five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness
- Finish is compliant to 3,000 hour salt spray standard (per ASTM B117)

Shipping Data

- Prevail Petite: 18 lbs. (7.94 kgs.)
- Prevail: 20 lbs. (9.09 kgs.)
- Prevail XL: 45 lbs. (20.41 kgs.)
- Prevail Maxx: 49 lbs. (22.23 kgs.)

Warranty

- Five year limited warranty, consult website for details. www.cooperlighting.com/legal

Energy and Performance Data

[View PRV-P IES files](#)

[View PRV IES files](#)

[View PRV-XL IES files](#)

Power and Lumens

| Product Family | Prevail Petite | | | | Prevail | | | | Prevail XL | | | | Prevail Maxx | | | | |
|--------------------------|----------------|------|------|------|---------|------|------|------|------------|------|------|------|--------------|------|------|------|------|
| Light Engine | C10 | C15 | C20 | C25 | C15 | C25 | C40 | C60 | C75 | C100 | C125 | C150 | C175 | C200 | C225 | C250 | C275 |
| Power (Watts) | 35 | 49 | 73 | 94 | 52 | 96 | 131 | 153 | 176 | 217 | 264 | 285 | 346 | 346 | 418 | 487 | 588 |
| Input Current @ 120V (A) | 0.29 | 0.41 | 0.61 | 0.79 | 0.43 | 0.80 | 1.09 | 1.32 | 1.50 | 1.84 | 2.21 | 2.38 | 2.92 | 2.89 | 3.49 | 4.06 | 4.90 |
| Input Current @ 277V (A) | 0.13 | 0.18 | 0.27 | 0.35 | 0.19 | 0.35 | 0.48 | 0.57 | 0.66 | 0.82 | 0.97 | 1.04 | 1.25 | 1.26 | 1.51 | 1.72 | 2.06 |
| Input Current @ 347V (A) | 0.11 | 0.16 | 0.23 | 0.29 | 0.17 | 0.30 | 0.41 | 0.48 | 0.54 | 0.66 | 0.79 | 0.84 | 1.02 | 1.00 | 1.21 | 1.40 | 1.70 |
| Input Current @ 480V (A) | 0.08 | 0.12 | 0.17 | 0.22 | 0.12 | 0.22 | 0.30 | 0.35 | 0.40 | 0.48 | 0.57 | 0.62 | 0.74 | 0.73 | 0.88 | 1.00 | 1.21 |

Distribution ¹

| Type | Light Engine | C10 | C15 | C20 | C25 | C15 | C25 | C40 | C60 | C75 | C100 | C125 | C150 | C175 | C200 | C225 | C250 | C275 |
|----------|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Type II | 4000K Lumens | 4,775 | 6,717 | 9,542 | 11,521 | 7,123 | 13,205 | 17,172 | 20,083 | 26,263 | 31,231 | 36,503 | 41,349 | 48,876 | 50,349 | 59,444 | 68,447 | 79,322 |
| | BUG Rating | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 | B3-U0-G4 | B4-U0-G4 | B4-U0-G4 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 138 | 137 | 131 | 122 | 137 | 138 | 131 | 131 | 149 | 144 | 138 | 145 | 141 | 146 | 142 | 141 | 135 |
| | 3000K Lumens ¹ | 4,869 | 6,595 | 9,369 | 11,312 | 6,994 | 12,965 | 16,860 | 19,718 | 25,786 | 30,664 | 35,840 | 40,598 | 47,989 | 49,437 | 58,368 | 67,208 | 77,886 |
| Type III | 4000K Lumens | 4,782 | 6,727 | 9,556 | 11,538 | 7,111 | 13,183 | 17,144 | 20,050 | 26,120 | 31,061 | 36,304 | 41,124 | 48,610 | 50,162 | 59,223 | 68,193 | 79,027 |
| | BUG Rating | B1-U0-G2 | B1-U0-G2 | B2-U0-G3 | B2-U0-G3 | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B5-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 138 | 137 | 131 | 123 | 137 | 137 | 131 | 131 | 148 | 143 | 138 | 144 | 140 | 145 | 142 | 140 | 135 |
| | 3000K Lumens ¹ | 4,695 | 6,605 | 9,383 | 11,329 | 6,982 | 12,944 | 16,832 | 19,686 | 25,646 | 30,497 | 35,645 | 40,377 | 47,727 | 49,254 | 58,151 | 66,958 | 77,596 |
| Type IV | 4000K Lumens | 4,880 | 6,865 | 9,752 | 11,774 | 7,088 | 13,140 | 17,087 | 19,984 | 26,098 | 31,035 | 36,274 | 41,089 | 48,569 | 50,575 | 59,711 | 68,754 | 79,678 |
| | BUG Rating | B1-U0-G2 | B1-U0-G2 | B2-U0-G3 | B2-U0-G3 | B1-U0-G3 | B2-U0-G4 | B2-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 141 | 140 | 134 | 125 | 136 | 137 | 130 | 131 | 148 | 143 | 137 | 144 | 140 | 146 | 143 | 141 | 136 |
| | 3000K Lumens ¹ | 4,792 | 6,740 | 9,575 | 11,561 | 6,959 | 12,901 | 16,777 | 19,621 | 25,624 | 30,471 | 35,615 | 40,343 | 47,687 | 49,659 | 58,630 | 67,510 | 78,235 |
| Type V | 4000K Lumens | 5,067 | 7,128 | 10,126 | 12,226 | 7,576 | 14,045 | 18,264 | 21,360 | 28,129 | 33,450 | 39,097 | 44,287 | 52,349 | 53,531 | 63,201 | 72,773 | 84,335 |
| | BUG Rating | B3-U0-G2 | B3-U0-G2 | B4-U0-G3 | B4-U0-G3 | B3-U0-G3 | B4-U0-G3 | B4-U0-G4 | B5-U0-G4 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 146 | 145 | 139 | 130 | 146 | 146 | 139 | 140 | 160 | 154 | 148 | 155 | 151 | 155 | 151 | 150 | 144 |
| | 3000K Lumens ¹ | 4,975 | 6,999 | 9,942 | 12,004 | 7,438 | 13,790 | 17,932 | 20,972 | 27,618 | 32,843 | 38,387 | 43,483 | 51,398 | 52,562 | 62,057 | 71,455 | 82,808 |

NOTES:
1. For 3000K, 5000K or HSS data, refer to published IES files.

Lumen Maintenance

| Configuration | TM-21 Lumen Maintenance (50,000 Hours) | Theoretical L70 (Hours) |
|------------------------------------|--|-------------------------|
| Prevail and Prevail Petite at 25°C | 91.30% | > 194,000 |
| Prevail and Prevail Petite at 40°C | 87.59% | > 134,000 |
| Prevail XL at 25°C | 91.40% | > 204,000 |
| Prevail XL at 40°C | 89.41% | > 158,000 |
| Prevail Maxx at 25°C | 91.40% | > 204,000 |
| Prevail Maxx at 40°C | 89.41% | > 158,000 |

Lumen Multiplier

| Ambient Temperature | Lumen Multiplier |
|---------------------|------------------|
| 10°C | 1.02 |
| 15°C | 1.01 |
| 25°C | 1.00 |
| 40°C | 0.99 |

FADC Settings

| FADC Position | Lumen Multiplier |
|---------------|------------------|
| 1 | 25% |
| 2 | 46% |
| 3 | 55% |
| 4 | 62% |
| 5 | 72% |
| 6 | 77% |
| 7 | 82% |
| 8 | 85% |
| 9 | 90% |
| 10 | 100% |

Note: +/-5% typical value

Sensor Color Reference Table (SPBx)

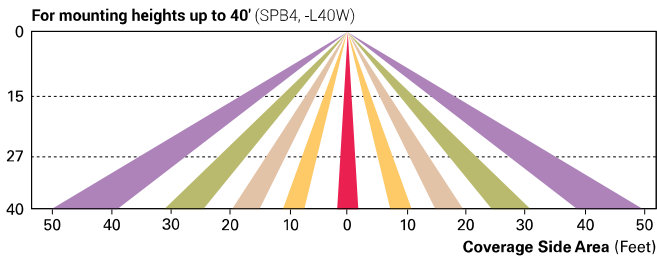
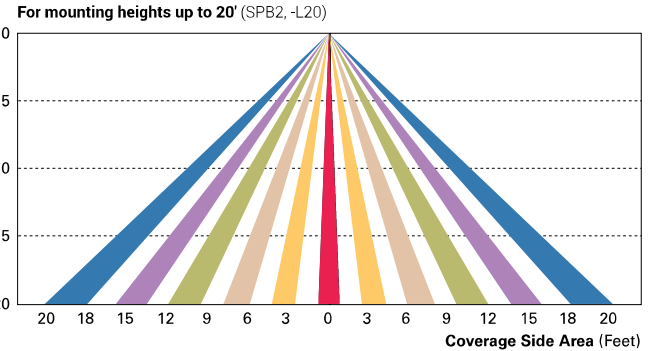
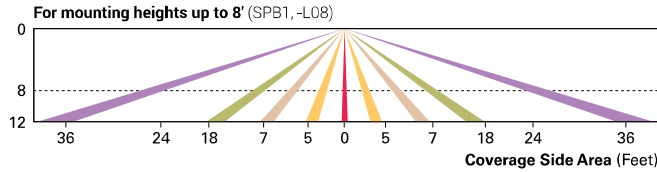
| Housing Finish | Sensor Color |
|----------------------|--------------|
| AP=Grey | Grey |
| BZ=Bronze | Bronze |
| BK=Black | Black |
| DP=Dark Platinum | Grey |
| GM=Graphite Metallic | Black |
| WH=White | White |

Control Options

0-10V This fixture provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

Photocontrol (PR and PR7) Photocontrol receptacles provide a flexible solution to enable “dusk-to-dawn” lighting by sensing light levels. Advanced control systems compatible with NEMA 7-PIN standards can be utilized with the PR7 receptacles.

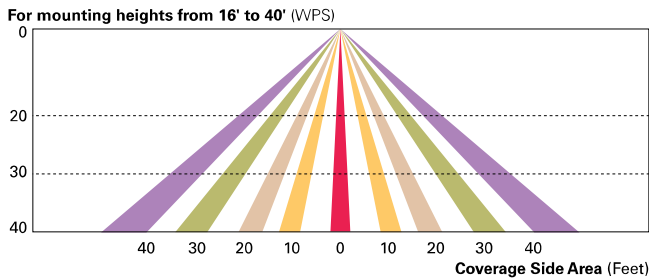
Dimming Occupancy Sensor (SPB, MS/DIM-LXX) These sensors are factory installed in the luminaire housing. When the SPB or MS/DIM sensor options are selected, the luminaire will dim down after five minutes of no activity detected. When activity is detected, the luminaire returns to full light output. These occupancy sensors include an integral photocell for “dusk-to-dawn” control or “daylight harvesting.” Factory default is enabled for the MS sensors and disabled for the SPB. SPB motion sensors require the Sensor Configuration mobile application by Wattstopper to change factory default dimming level, time delay, sensitivity and other parameters. Available for iOS and Android devices. The SPB sensor is factory preset to dim down to approximately 10% power with a time delay of five minutes.



WaveLinx Wireless Control and Monitoring System Available in 7-PIN or 4-PIN configurations, the WaveLinx Outdoor control platform operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. At least one Wireless Area Controller (WAC) is required for full functionality and remote communication (including adjustment of any factory pre-sets).

WaveLinx Outdoor Control Module (WOLC-7P-10A) A photocontrol that enables astronomic or time-based schedules to provide ON, OFF and dimming control of fixtures utilizing a 7-PIN receptacle. The out-of-box functionality is ON at dusk and OFF at dawn.

WaveLinx Wireless Sensor (WPS2 and WPS4) These outdoor sensors offer passive infrared (PIR) occupancy sensing and a photocell for closed-loop daylight sensing. These sensors are factory preset to dim down to approximately 50 percent power after 15 minutes of no activity detected, and the photocell for “dusk-to-dawn” control is default enabled. A variety of sensor lenses are available to optimize the coverage pattern for mounting heights from 7'-40'.



LumenSafe (LD) The LumenSafe integrated network camera is a streamlined, outdoor-ready camera that provides high definition video surveillance. This IP camera solution is optimally designed to integrate into virtually any video management system or security software platform of choice. No additional wiring is needed beyond providing line power to the luminaire. LumenSafe features factory-installed power and networking gear in a variety of networking options allowing security integrators to design the optimal solution for active surveillance.



WPX LED Wall Packs



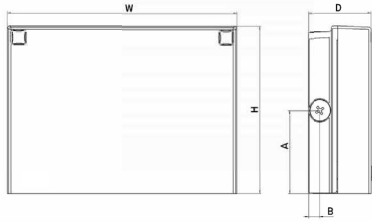
Catalog Number WPX1 LED P1 40K MVOLT DBLXD

Notes

Type OW1

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

Specifications



Front View

Side View

| Luminaire | Height (H) | Width (W) | Depth (D) | Side Conduit Location | | Weight |
|-----------|----------------|-----------------|----------------|-----------------------|---------------|------------------|
| | | | | A | B | |
| WPX1 | 8.1" (20.6 cm) | 11.1" (28.3 cm) | 3.2" (8.1 cm) | 4.0" (10.3 cm) | 0.6" (1.6 cm) | 6.1 lbs (2.8kg) |
| WPX2 | 9.1" (23.1 cm) | 12.3" (31.1 cm) | 4.1" (10.5 cm) | 4.5" (11.5 cm) | 0.7" (1.7 cm) | 8.2 lbs (3.7kg) |
| WPX3 | 9.5" (24.1 cm) | 13.0" (33.0 cm) | 5.5" (13.7 cm) | 4.7" (12.0 cm) | 0.7" (1.7 cm) | 11.0 lbs (5.0kg) |

Introduction

The WPX LED wall packs are energy-efficient, cost-effective, and aesthetically appealing solutions for both HID wall pack replacement and new construction opportunities. Available in three sizes, the WPX family delivers 1,550 to 9,200 lumens with a wide, uniform distribution.

The WPX full cut-off solutions fully cover the footprint of the HID glass wall packs that they replace, providing a neat installation and an upgraded appearance. Reliable IP66 construction and excellent LED lumen maintenance ensure a long service life. Photocell and emergency egress battery options make WPX ideal for every wall mounted lighting application.

Ordering Information

EXAMPLE: WPX2 LED 40K MVOLT DDBXD

| Series | Color Temperature | Voltage | Options | Finish |
|-------------|-------------------|-----------------------|---|--|
| WPX1 LED P1 | 30K 3000K | MVOLT 120V - 277V | (blank) None | DDBXD Dark bronze |
| WPX1 LED P2 | 40K 4000K | 347 347V ³ | E4WH Emergency battery backup, CEC compliant (4W, 0 C min) ² | DWHXD White |
| WPX2 LED | 50K 5000K | | E14WC Emergency battery backup, CEC compliant (14W, -20 C min) ² | DBLXD Black |
| WPX3 LED | | | PE Photocell ³ | Note : For other options, consult factory. |

Note: The lumen output and input power shown in the ordering tree are average representations of all configuration options. Specific values are available on request.

NOTES

- All WPX wall packs come with 6kV surge protection standard, except WPX1 LED P1 package which comes with 2.5kV surge protection standard. Add SPD6KV option to get WPX1 LED P1 with 6kV surge protection. Sample nomenclature: WPX1 LED P1 40K MVOLT SPD6KV DDBXD
- Battery pack options only available on WPX1 and WPX2.
- Battery pack options not available with 347V or PE options.

FEATURES & SPECIFICATIONS

INTENDED USE

The WPX LED wall packs are designed to provide a cost-effective, energy-efficient solution for the one-for-one replacement of existing HID wall packs. The WPX1, WPX2 and WPX3 are ideal for replacing up to 150W, 250W, and 400W HID luminaires respectively. WPX luminaires deliver a uniform, wide distribution. WPX is rated for -40 C to 40 C.

CONSTRUCTION

WPX feature a die-cast aluminum main body with optimal thermal management that both enhances LED efficacy and extends component life. The luminaires are IP66 rated, and sealed against moisture or environmental contaminants.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs and LED lumen maintenance of L90/100,000 hours. Color temperature (CCT) options of 3000K, 4000K and 5000K with minimum CRI of 70. Electronic drivers ensure system power factor >90% and THD <20%. All luminaires have 6kV surge protection (Note: WPX1 LED P1 package comes with a standard surge protection rating of 2.5kV. It can be ordered with an optional 6kV surge protection). All photocell (PE) operate on MVOLT (120V - 277V) input.

Note: The standard WPX LED wall pack luminaires come with field-adjustable drive current feature. This feature allows tuning the output current of the LED drivers to adjust the lumen output (to dim the luminaire).

INSTALLATION

WPX can be mounted directly over a standard electrical junction box. Three 1/2 inch conduit ports on three sides allow for surface conduit wiring. A port on the back surface allows poke-through conduit wiring on surfaces that don't have an electrical junction box. Wiring can be made in the integral wiring compartment in all cases. WPX is only recommended for installations with LEDs facing downwards.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. IP66 Rated. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/OPL 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.

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/CustomerResources/Terms_and_conditions.aspx.

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.



Performance Data

Electrical Load

| Luminaire | Input Power (W) | 120V | 208V | 240V | 277V | 347V |
|-------------|-----------------|------|------|------|------|------|
| WPX1 LED P1 | 11W | 0.09 | 0.05 | 0.05 | 0.04 | 0.03 |
| WPX1 LED P2 | 24W | 0.20 | 0.12 | 0.10 | 0.09 | 0.07 |
| WPX2 | 47W | 0.39 | 0.23 | 0.20 | 0.17 | 0.14 |
| WPX3 | 69W | 0.58 | 0.33 | 0.29 | 0.25 | 0.20 |

Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a 25°C ambient, based on 6,000 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 | 50,000 | 75,000 | 100,000 |
|--------------------------|--------|--------|---------|
| Lumen Maintenance Factor | >0.94 | >0.92 | >0.90 |

Lumen Output

| Luminaire | Color Temperature | Lumen Output |
|-------------|-------------------|--------------|
| WPX1 LED P1 | 3000K | 1,537 |
| | 4000K | 1,568 |
| | 5000K | 1,602 |
| WPX1 LED P2 | 3000K | 2,748 |
| | 4000K | 2,912 |
| | 5000K | 2,954 |
| WPX2 | 3000K | 5,719 |
| | 4000K | 5,896 |
| | 5000K | 6,201 |
| WPX3 | 3000K | 8,984 |
| | 4000K | 9,269 |
| | 5000K | 9,393 |

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 | 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 |

HID Replacement Guide

| Luminaire | Equivalent HID Lamp | WPX Input Power |
|-------------|---------------------|-----------------|
| WPX1 LED P1 | 100W | 11W |
| WPX1 LED P2 | 150W | 24W |
| WPX2 | 250W | 47W |
| WPX3 | 400W | 69W |

Emergency Egress Battery Packs

The emergency battery backup is integral to the luminaire — no external housing or back box is required. The emergency battery will power the luminaire for a minimum duration of 90 minutes and deliver minimum initial output of 550 lumens. Both battery pack options are CEC compliant.

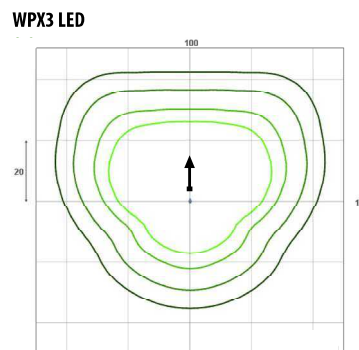
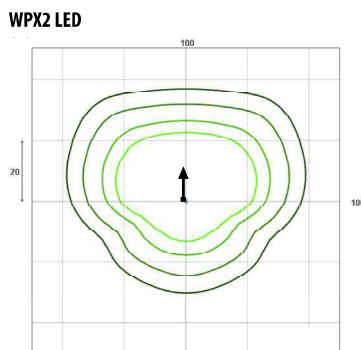
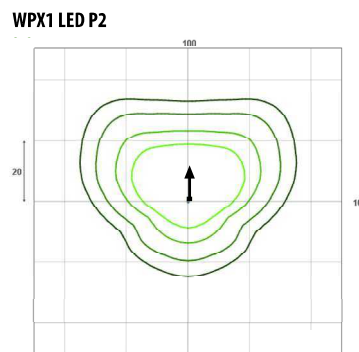
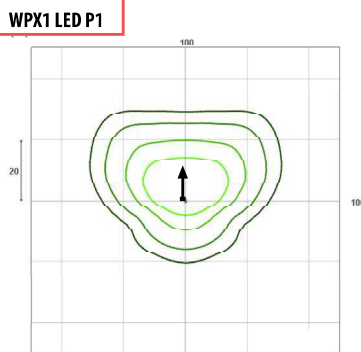
| Battery Type | Minimum Temperature Rating | Power (Watts) | Controls Option | Ordering Example |
|--------------|----------------------------|---------------|-----------------|---------------------------------------|
| Standard | 0°C | 4W | E4WH | WPX2 LED 40K MVOLT E4WH DDBXD |
| Cold Weather | -20°C | 14W | E14WC | WPX2 LED 40K MVOLT E14WC DDBXD |

Photometric Diagrams

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

LEGEND

| |
|---|
| 0.1 fc |
| 0.2 fc |
| 0.5 fc |
| 1.0 fc |



Mounting Height = 12 Feet.

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for applications requiring low-profile, attractive emergency lighting with Optional normally-off or normally-on with photocell control. Provides a minimum of 90 minutes of illumination both indoors and outdoors upon loss of AC power. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

CONSTRUCTION — Compact, low-profile, architectural design with die-cast aluminum housing. Finishes are texturized powder coat paint for dark bronze, white, black and non-texturized for natural aluminum. Test switch indicator light and remote enabled are located on the bottom of the housing and are easily accessible and visible from the floor.

OPTICS — LEDs with L70 of 55,000 hours. Delivers 635 lumens in Normal-On and Emergency operation. Optional field configurable for wide and forward throw distribution (**U.S. Patent No. - US10236712 B2**). Outdoor wide throw distribution: 70' (3' path of egress) at a 7.5' mounting height with 1 FC Average. 4,000K correlated color temperature (CCT).

70 CRI.

ELECTRICAL — UVOLT (120 thru 347V, 50/60hz). Current-limiting charger maximizes battery life and minimizes energy consumption to provide low operating costs. Small battery chargers Certified in the CA Title 20 Appliance Efficiency Database

Short-circuit protection — current-limiting charger circuitry protects printed circuit board from shorts. Regulated charge voltage maintains a stable charge voltage over a wide range of line voltages.

Prevents over/undercharging that shortens battery life and reduces capacity. Filtered charger input minimizes charge voltage ripple and extends battery life.

Photocell option (PEL) for normally on product in order to discontinue illumination during periods when ambient light is present. Photocell option (PEL) for normally on products allow the user to force lamp illumination by user control (external switch). When power is not connected to switched line, illumination will respond to internal daylight sensor. For switched line applications, no other types of products shall be connected on the switched leg.

Remote units (OELR) are normally off. Emergency only functionality with DC power from an external battery.

BATTERY: Sealed, maintenance-free Lithium Iron Phosphate battery.

SELF-DIAGNOSTICS AND REMOTE TEST (SDRT OPTION): Automatic 24-hour recharge after a 90-minute discharge. Advanced electrical design provides constant light output throughout the entire discharge period for non-CW batteries. (For cold weather and cold temperature applications, the light may diminish though the discharge cycle). Brownout protection is automatically switched to emergency mode when supply voltage drops below approximately 80 percent nominal of 120, 220, 277 or 347. Other input voltages may vary. AC/LVD re-set allows battery connection before AC power is applied and prevents battery damage from deep discharge.

Self-Diagnostics: Continuously monitors AC functionality. Standard derangement monitoring will indicate disconnected battery, charger failure and displays green flashing indicator light while in emergency mode. Single multi-chromatic LED indicator to display two-state charging, test activation and three-state self-diagnostics.

Self-diagnostic testing: Five minutes every 30 days and 90 minutes annually. Diagnostic evaluation of lamps, AC to DC transfer, battery charging and condition of microprocessor. Automatic test is easily postponed for eight hours by activating manual test switch or use of remote tester (RTKIT accessory).

Manual testing: Test switch and remote tester (RTKIT accessory) provides manual activation of 60-second diagnostic testing for on-demand visual inspection. 90 minute manual testing can be enabled by pressing the test switch again while in test mode.

INSTALLATION — Wall mount: typically meets 7.5' to 14' mounting height from ground or floor. Power supplied by either mounting directly to a 4" square or 4" octagon j-box (wall mount) and accepts rigid or flex conduit.

LISTINGS — UL wet location listed standard at 32-122°F (0-50°C). Unit with CW battery (cold weather) listed for -22°F to 122°F (-30° to 50°C). Remote listed for -40°F to 122°F (-40° to 50°C). Meets or exceeds all applicable requirements for UL 924, NFPA 101 (current Life Safety code), NFPA 70 (NEC), NOM (Norma Oficial Mexicana), California Energy Commission Title 20 section 1605.3 (W)(4), FCC Title 47, Part 15, Subpart B and OSHA. List and labeled to comply with Canadian Standards C22.2 No. 141-10. Meets City of Chicago Code.

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 a BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America.

Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty (Battery is prorated). 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.

† Small Battery Chargers Certified in the CA Title 20 Appliance Efficiency Database.

| | |
|----------------|--------------------------------------|
| Catalog Number | AFF PEL DBLBXD UVOLT LTP SDRT FCT CW |
| Notes | |
| Type | OW2 |

Premium Die-Cast Architectural Emergency Light

AFF



without photocell (white)



without photocell (natural aluminum)



with photocell (white)



with photocell (dark bronze)

MOUNTING

All dimensions are inches (centimeters).

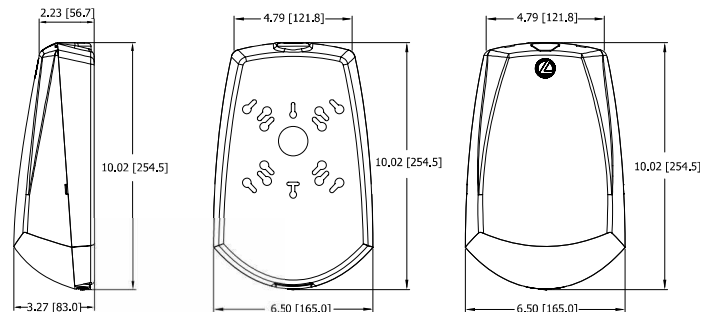
Shipping weight: 3.5 lbs. (1.59 kgs.)

Length: 6 1/2 (16.51)

Depth: 3 27/100 (8.30)

Height: 10 (25.45)

Weight : 3.5 lbs (1.59kg)



AFF Signature® Premium Die-Cast Architectural Emergency Light

SELF-POWERED MODELS

ORDERING INFORMATION

For the shortest lead times, configure product using **bolded options**.

Example: AFF PEL DWHGXD UVOLT LTP SDRT WT

| Series | Unit Type ¹ | Housing Color | Voltage | Battery Type | Automatic Testing | Optics | Options |
|------------------------|--|---|----------------------------------|-----------------------------------|--|--|---|
| AFF Signature® Premium | PEL Photocell: Normally-ON with internal battery OEL Normally-OFF with internal battery | DWHGXD White textured DBLBXD Black textured DNAXD Natural aluminum DDBTXD Dark bronze textured | UVOLT 120-347VAC, 50/60Hz | LTP Lithium Iron Phosphate | SDRT Self-diagnostics remote test | WT Wide Throw FCT Field configurable throw ² | CW Cold Weather (-30 - 50C) BAA Buy America(n) Act and/or Build America Buy America Qualified |

Notes

- 1 AFF with internal battery is not remote capable.
- 2 FCT optics ships standard in the WT (wide throw) mode. Upon installation, configuration can be changed to the FCT mode.

REMOTE MODELS listed for -40°F to 122°F (-40° to 50°C)

ORDERING INFORMATION

For the shortest lead times, configure product using **bolded options**.

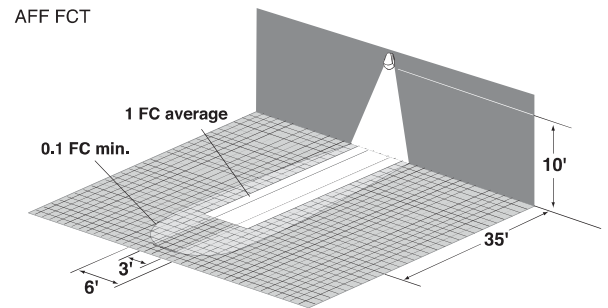
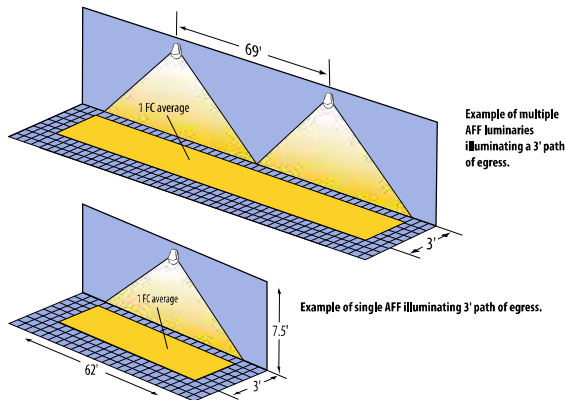
Example: AFF OELR DWHGXD WT

| Series | Unit Type | Housing Color | Voltage | Optics | Options |
|------------------------|---|---|---|----------------------|---|
| AFF Signature® Premium | OELR Remote fixture, Normally OFF (requires external battery source) | DWHGXD White textured DBLBXD Black textured DNAXD Natural aluminum DDBTXD Dark bronze textured | (blank) Universal DC voltage (8-30VDC) | WT Wide Throw | BAA Buy America(n) Act and/or Build America Buy America Qualified |

Accessories: Order as separate catalog number.

RTKIT Remote test kit, up to 40' away (includes goggles, laser and battery)

AFF SPACING GUIDELINES



Maximum Spacing Guidelines - AFF (WT)

| Mounting Height | Illumination Level | Single Luminaire | | Multiple Luminaire | | Application Notes * |
|-----------------|--------------------|-------------------|-------------------|--------------------|-------------------|---|
| | | 3' Path of Egress | 6' Path of Egress | 3' Path of Egress | 6' Path of Egress | |
| 7.5' | 1FC Avg | 62' | 46' | 69' | 53' | 200' Open Space 80/50/20 reflectances |
| 10' | | 48' | 34' | 55' | 46' | |
| 12' | | 28' | 22' | 46' | 41' | |
| 14' | | 6' | N/A | 38' | 36' | |

* Also meets the additional illumination requirements of NFPA 101: 1FC minimum and max/min ratio of 40:1.

Maximum Spacing Guidelines - AFF (FCT)

| Mounting Height | Illumination Level | Single Luminaire | | Application Notes * |
|-----------------|--------------------|-------------------|-------------------|---|
| | | 3' Path of Egress | 6' Path of Egress | |
| 7.5' | 1FC Avg | 24' | 23' | 200' Open Space 80/50/20 reflectances |
| 10' | | 35' | 35' | |
| 12' | | 37' | 31' | |
| 14' | | 31' | N/A | |

* Also meets the additional illumination requirements of NFPA 101: 1FC minimum and max/min ratio of 40:1.

AFF Signature® Premium Die-Cast Architectural Emergency Light

SPECIFICATIONS

Electrical: Primary Circuit

| Unit Type | Battery Type | Input Voltage(V) | Input Current(A) | Watts(W) |
|-----------|--------------|------------------|------------------|----------|
| PEL WT | LTP | 120-347 | 0.053-0.086 | 11.28 |
| | LTP CW | 120-347 | 0.089-0.167 | 20.39 |
| PEL FCT | LTP | 120-347 | 0.053-0.086 | 11.28 |
| | LTP CW | 120-347 | 0.089-0.167 | 20.39 |
| OEL WT | LTP | 120-347 | 0.025-0.032 | 2.50 |
| | LTP CW | 120-347 | 0.075-0.097 | 11.60 |
| OEL FCT | LTP | 120-347 | 0.025-0.032 | 2.50 |
| | LTP CW | 120-347 | 0.075-0.097 | 11.60 |
| OELR WT | N/A | 8-30 | 0.248 - 1.225 | 8.57* |

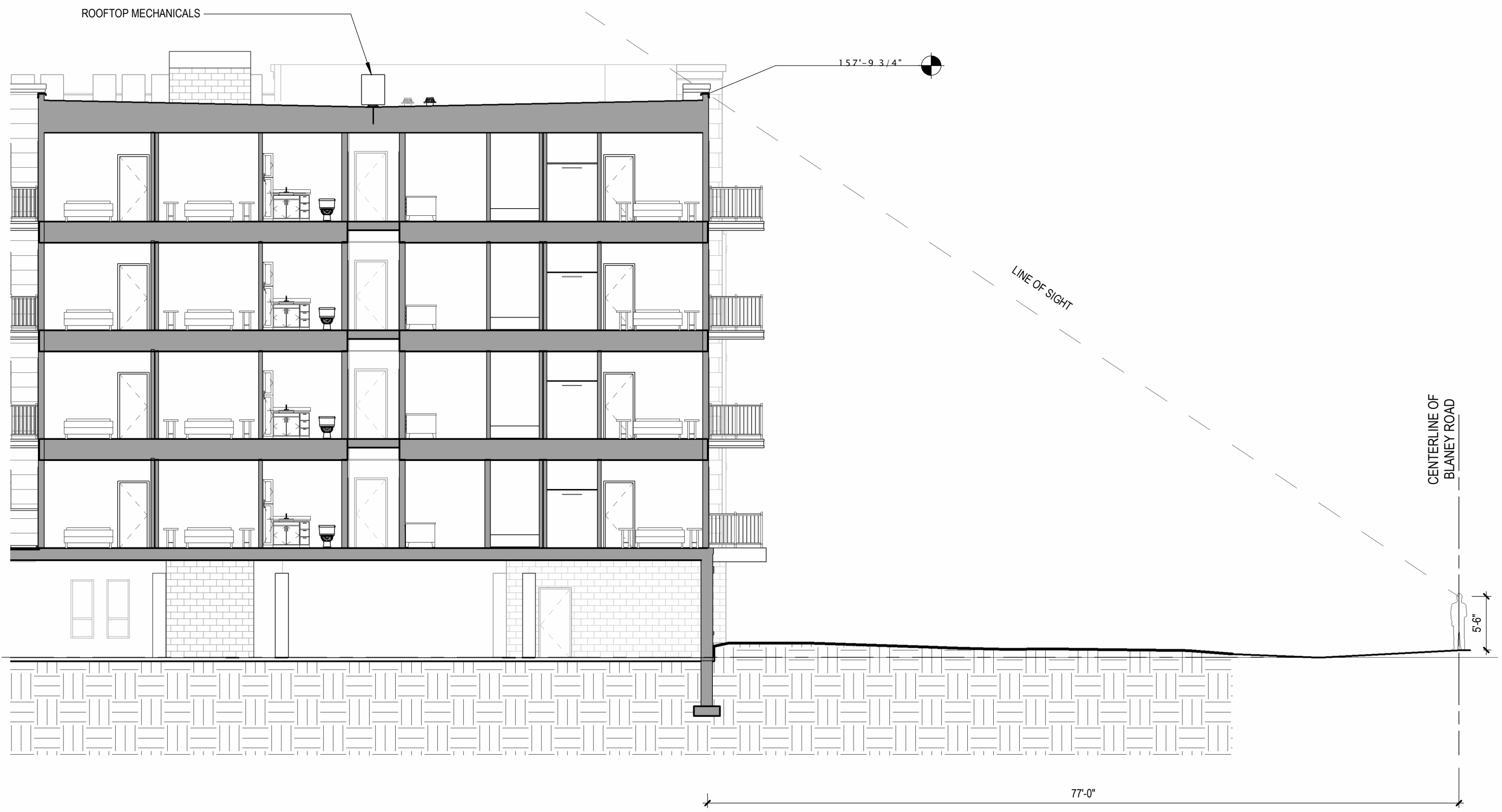
*OELR watts data is in addition to the lamp heads on the product

BATTERY

| Lithium Iron Phosphate | | | | | |
|------------------------|---------|---------------------------------|---------------------------|--------------------------|----------------------------------|
| Type | Voltage | Typical Shelf Life ¹ | Typical Life ¹ | Maintenance ² | Temperature range ^{3,4} |
| STD | 12.8V | 1 year | 6-8 years | none | 32 - 122°F (0 - 50°C) |
| CW | 12.8V | 1 year | 6-8 years | none | -22 - 122°F (-30 - 50°C) |

Notes

- 1 At 77°F (25°C).
- 2 Battery life is negatively impacted by many variables including temperature, charging rates, number of cycles and deep discharges due to long periods of time without AC power.
- 3 All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.
- 4 Temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity. See option packages for expanded temperature ranges.



LINE OF SIGHT SECTION 01
 3/32" = 1'-0"

4/1/2025 1:48:00 PM



HARTUNG - B

LINE OF SIGHT SECTION

| | |
|-------------------|------------|
| JLA PROJECT No: | W22-0913-2 |
| DATE OF ISSUANCE: | 03/17/2025 |
| REVISION DATE: | |

A301

PUBLIC PEDESTRIAN/BIKE PATH EASEMENT AND MAINTENANCE AGREEMENT

This Pedestrian/Bike Path Easement and Maintenance Agreement (the "Agreement") is granted this 3rd day of ^{December} ~~November~~, 2024, by HARTUNG BROTHERS, INC., a Wisconsin corporation (the "Grantor") to the CITY OF FITCHBURG, a municipal corporation (the "City").

RECITALS:

- A. Grantor is the fee holder of certain real property in the City of Fitchburg, County of Dane, State of Wisconsin, and more particularly described and depicted on Exhibit A attached hereto and made a part hereof (the "Property").
- B. The City has requested that Grantor grant a permanent easement over that portion of the Property owned by the Grantor and legally described on the attached Exhibit B and depicted on the attached Exhibit C (the "Easement Area").

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

1. Assignment. Grantor hereby grants a perpetual a public pedestrian and bicycle path easement upon, across and through the Easement Area, which Easement Area is depicted on Plat of Hartung Fields.
2. Construction. The path shall be constructed by the Grantor in the Easement Area prior to any occupancy certificate being issued for improvements on the Property. The path shall be constructed per the latest edition of the City of Fitchburg Standard Specifications for Public Works Construction existing on the date of this Agreement, except (i) said path shall be a ten-foot wide; (ii) be constructed with five-inch-thick concrete; (iii) control joints shall be saw cut; and (iv) there shall be a 1.4-foot-wide, five-inch-thick colored concrete transition installed between the path and adjacent curb and gutter. The Grantor shall construct the path in the Easement Area at Grantor's sole cost and expense
3. Maintenance. Grantor shall maintain the path installed within the Easement Area in good condition and repair for use by both pedestrians and/or bikers. Grantor shall repair defects in the path within six months of City notification to Grantor. Grantor shall remove snow and ice from this path no later than 6 p.m. the day after the snow has ceased to fall or accumulate.

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
6004579
01/02/2025 02:07 PM
Trans Fee:
Exempt #:
Rec. Fee: 30.00
Pages: 6

| |
|--|
| Recording Area |
| Return to: City Clerk City of Fitchburg 5520 Lacy Road Fitchburg, WI 53711 |
| Parcel Number: 225/0609-141-2076-2 |

6
R-207-24

3. Consistent Uses Allowed. The Grantor reserves the right to use the Property for purposes that will not interfere with the City's full enjoyment of the easement rights granted hereby.
4. Covenants Run with Land. All the terms, conditions, covenants and other provisions contained in this Agreement, including the benefits and burdens, shall run with the land and shall be binding upon and inure to the benefit of and be enforceable by the Grantor of the City and their respective successors and assigns. The party named as "Grantor" herein and any successor or assign to the Grantor as fee simple owner of the Property shall cease to have any liability under this Agreement with respect to facts or circumstances arising after such party has transferred its fee simple interest in the Property.
5. Governing Law. This Agreement shall be construed and enforced in accordance with the internal laws of the State of Wisconsin.
6. Invalidity. If any term, covenant, or condition of this Agreement or the application thereof to any person or circumstance shall be deemed invalid or unenforceable, the remainder of this Agreement, or the application of such term, covenant or condition to persons or circumstances other than those to which it is held invalid or unenforceable, shall not be affected thereby, and each term, covenant and condition shall be valid and enforceable to the fullest extent permitted by law.
7. Binding. This Agreement shall run with the land and shall be binding upon and inure to the benefit of the parties hereto, their heirs, successors, assigns and legal representatives.

Dated this 3rd day of ^{December} ~~November~~, 2024.

GRANTOR:

HARTUNG BROTHERS, INC.

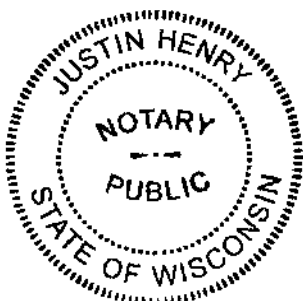
By

Dan Layton
Dan Layton - Chief Financial Officer

STATE OF WISCONSIN
COUNTY OF DANE

The foregoing instrument was acknowledged before me on this 3rd day of ^{December} ~~November~~, 2024, by the above-named ~~Daniel J. Hartung~~ to me known to be the person who executed and acknowledged the foregoing instrument, being duly authorized to do so.

Daniel Layton



Justin Henry
Signature of Notary Public, State of Wisconsin

Justin Henry
Printed Name of Notary Public

My Commission Expires: 10/31/2028.

This document is authorized by Resolution R-207-24 adopted on November 26, 2024.
This document was drafted by: Attorney John Van Note.

EXHIBIT A

LEGAL DESCRIPTION OF THE PROPERTY

Lot Seven (7), Hartung Fields recorded December 18, 2023 in Volume 61-100B of Plats on Pages 592-598 as Document No. 5939281, said plat being part of the Northeast 1/4 of the Northeast 1/4, the Southeast 1/4 of the Northeast 1/4, the Southwest 1/4 of the Northeast 1/4, the Northwest 1/4 of the Northeast 1/4, the Northeast 1/4 of the Northwest 1/4 and the Southeast 1/4 of the Northwest 1/4 of Section 14, Township 6 North, Range 9 East, City of Fitchburg, Dane County, Wisconsin.

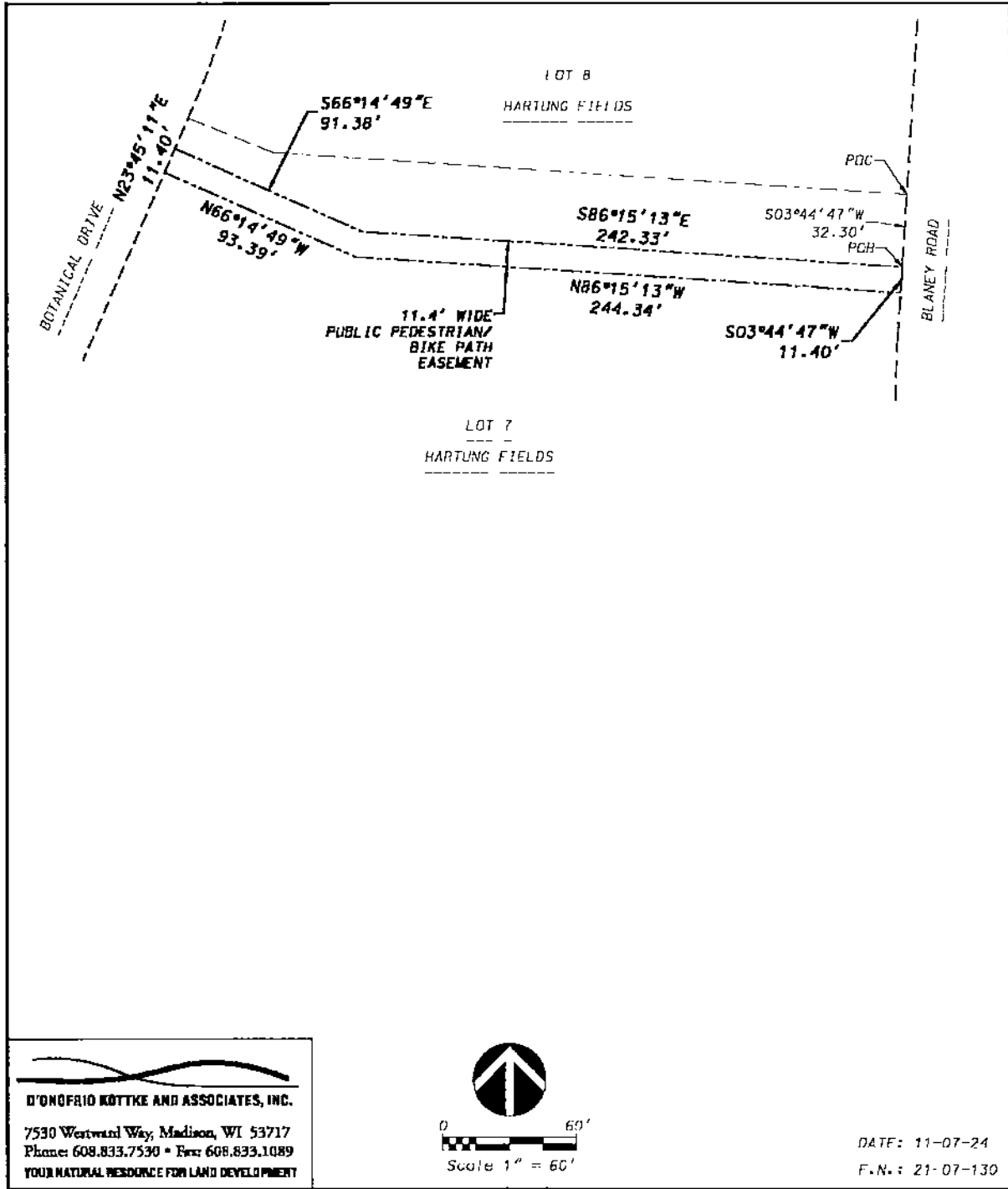
EXHIBIT B

LEGAL DESCRIPTION OF EASEMENT AREA

A Public Pedestrian/Bike Path Easement within Lot Seven (7), Hartung Fields recorded December 18, 2023 in Volume 61-100B of Plats on Pages 592-598 as Document No. 5939281, said plat being part of the Northeast 1/4 of the Northeast 1/4, the Southeast 1/4 of the Northeast 1/4, the Southwest 1/4 of the Northeast 1/4, the Northwest 1/4 of the Northeast 1/4, the Northeast 1/4 of the Northwest 1/4 and the Southeast 1/4 of the Northwest 1/4 of Section 14, Township 6 North, Range 9 East, City of Fitchburg, Dane County, Wisconsin to wit: Commencing at the Northeast corner of said Lot 7; thence S03°44'47"W, 32.30 feet to the point of beginning; thence S03°44'47"W, 11.40 feet; thence N86°15'13"W, 244.34 feet; thence N66°14'49"W, 93.39 feet; thence N23°45'11"E, 11.40 feet; thence S66°14'49"E, 91.38 feet; thence S86°15'13"E, 242.33 feet to the point of beginning

EXHIBIT C

SITE PLAN DEPICTING EASEMENT AREA



*Viewers are advised to ignore illegible text on this map. It is presented to show spatial relationships only.