



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

REZONING APPLICATION

The undersigned owner, or owner's authorized agent, of property herein described hereby petitions to amend the zoning district map of the Fitchburg zoning ordinance by reclassifying from the PDD-GIP district to the PDD-SIP district the following described property:

1. Location of Property/Street Address: 2693 Botanical Drive

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

060914120102, Plat: Hartung Fields

***Also submit in electronic format (MS WORD or plain text) by email to: planning@fitchburgwi.gov

2. Proposed Use of Property - Explanation of Request:

The property will be occupied by GiGi's Playhouse, a Down Syndrome Achievement Center. GiGi's offers tutoring, general skills training, as well as developing social and language skills, and many other services for participants between the ages of 0-17. The future addition will allow for adult assistance.

3. Proposed Development Schedule: 8/19/25 Plan Commission, 8/26/25 Common Council, 9/30/25 Construction Start

***Pursuant to Section 22-3(b) of the Fitchburg Zoning Ordinance, all Rezoning shall be consistent with the currently adopted City of Fitchburg Comprehensive Plan.

***Attach three (3) copies of a site plan which shows any proposed land divisions, plus vehicular access points and the location and size of all existing and proposed structures and parking areas. Two (2) of the three (3) copies shall be no larger than 11" x 17". Submit one (1) electronic pdf document of the entire submittal to planning@fitchburgwi.gov. Additional information may be requested.

Type of Residential Development (If Applicable): _____

Total Dwelling Units Proposed: _____ **No. Of Parking Stalls:** _____

Type of Non-residential Development (If Applicable): Business Occupancy

Proposed Hours of Operation: 8am-5 pm Monday-Friday **No. Of Employees:** 10-20 (varies on volunteers)

Floor Area: 8,082 SF **No. Of Parking Stalls:** 45

Sewer: Municipal Private **Water:** Municipal Private

Current Owner of Property: Hartung Brothers, Inc.

Address: _____ **Phone No:** _____

Contact Person: _____

Email: _____

Address: _____ **Phone No:** _____

Respectfully Submitted By:  **Phone No:** _____
 Owner's or Authorized Agent's Signature Ross Treichel
 Print Owner's or Authorized Agent's Name

PLEASE NOTE - Applicants shall be responsible for legal or outside consultant costs incurred by the City. Submissions shall be made at least four (4) weeks prior to desired plan commission meeting.

For City Use Only: **Date Received:** _____ **Publish:** _____ and _____

Ordinance Section No. _____ **Fee Paid:** _____

Permit Request No. _____

July 21, 2025

City of Fitchburg
Planning & Zoning
Attn: Deanna Schmidt
5520 Lacy Road
Fitchburg, WI 53711

RE: 2693 Botanical Drive
GiGi's Playhouse
Project Narrative

Dear Staff:

On behalf of Gigi's Playhouse, Sketchworks Architecture, LLC is submitting this project narrative for the proposed new building located at 2693 Botanical Drive.

Existing Conditions

The existing site is cleared of all vegetation and rough graded from the development of the Hartung Fields subdivision. Water, electricity and sanitary are stubbed to the site and are ready to be utilized.

Business Background

Gigi's Playhouse, a Down Syndrome Achievement Center has more than 60 locations around the county, 3 of which are in Wisconsin, and 2 in Mexico. Gigi's is a not-for-profit that was created to change the way the world views Down syndrome and to send a global message of acceptance for all. Across their network of locations, every day more than 30,000 individuals receive the assistance they need with therapeutic programs, educational and developmental programs, career development, and much more.

Goals for each program provided:

- Create opportunities for parent networking and provide educational tools
- Instill high expectations for each participant to follow program routines and to fully participate in planned activities
- Motivate the child, parent and volunteers to give their "*Best of All*" in each program session
- Deliver purposeful programming tailored for individuals with Down syndrome, to include structured routines, purposeful activity planning and an (engaging/fun/creative) environment to foster development and encourage growth in individuals with Down syndrome
- Provide specific, therapeutic or educational learning opportunities to support development of speech-language, social, and motor skills tailored to addressing the universal challenges of individuals with Down syndrome
- Remove the barrier of cost for our participants by offering free programs



Development Plan

We are proposing a single story, wood framed, non-sprinkled structure totaling 8,100 SF. The program consists of an entry vestibule with controlled access to the remainder of the building. Basic functions of the building include administrative offices, tutoring rooms, sensory/early learning room, kitchen and laundry spaces, half-court gymnasium, dedicated room for volunteers, two multi-purpose rooms, a main activities room, and a large flex room near the front that will allow for more creativity and opportunity with program offerings.

The two multi-purpose rooms are designed to not only be used daily by GiGi's but also allow for the public to rent these spaces during nights or weekends. It was important to the team to not only provide a building and space to allow them to grow, but also the community. Whether it might be a birthday party, community meeting, or even a local business that needs an extra room for a meeting, GiGi's wants to welcome the community to their new building.

Exterior environments are also very important to the program offerings at Gigi's. We are going to provide a gardening space near the northwest corner of the building (north of the gymnasium) and utilizing the remainder of the open site as an outdoor play area.

The parking lot is planned to provide parking for staff and volunteers, as well as providing a convenient pick-up loop near the front door. We have 4 short-term bike parking stalls near the front door as well for easy access, and 4 long-term bike stalls near the southwest corner of the parking lot.

As we look to the future at this site, we are conceptually planning for a building addition. The addition is shown on the site plan as a dashed outline on the western side of the lot. It would be connected to the building via breezeway from the main building to allow for easy access between the buildings during any weather. This future expansion would help GiGi's expand into assisting and older population (young adults and older) in the Down syndrome community.

Operating hours of the business are typically between 8 am and 5 pm Monday-Friday. Weekend activities and hours are dependent on special events and the use of the flex rooms.

Building Signage

We are proposing 2 building signs for review. The main building identifying sign is on the north side facing Lacey Road, and the second is located above the main building entrance on the south side of the building. They are 113 SF and 25 SF, respectively. Each sign will be internally lit metal channel letters with acrylic faces.



Project Schedule

We are seeking approval of this building at the August Plan Commission and Common Council meetings to align with our construction timeline. Our team will be prepared to submit for a building permit and early start permit following these approvals. GiGi's hopes to be occupying this new building in June 2026, just in time for their 10-year anniversary here in the Madison area.

The development, design and construction teams are elated to be part of this exciting project so GiGi's Playhouse can serve Fitchburg and the surrounding communities for the future.

Respectfully,

Ross Treichel, Project Manager
Sketchworks Architecture, LLC





Conditional Use - Owner or Authorized Agent Acknowledgement

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

PLEASE NOTE - Applicants shall be responsible for legal or outside consultant costs incurred by the City. Submissions shall be made at least four (4) weeks prior to desired plan commission meeting.

By signing below, I certify that the information included with this Conditional Use application is true and correct, to the best of my knowledge. Any agent signing below verifies that he/she has the consent of the owner to file the application.

Owner's or Authorized Agent's Signature

07/21/2025

Date (DD/MM/YYYY)

GIGI'S FITCHBURG

2693 BOTANICAL DRIVE
FITCHBURG, WI 53711

GIGI'S FITCHBURG
NEW CONSTRUCTION
2693 BOTANICAL DRIVE
FITCHBURG, WI 53711

Project Status

2025.07.21 | PLAN COMMISSION

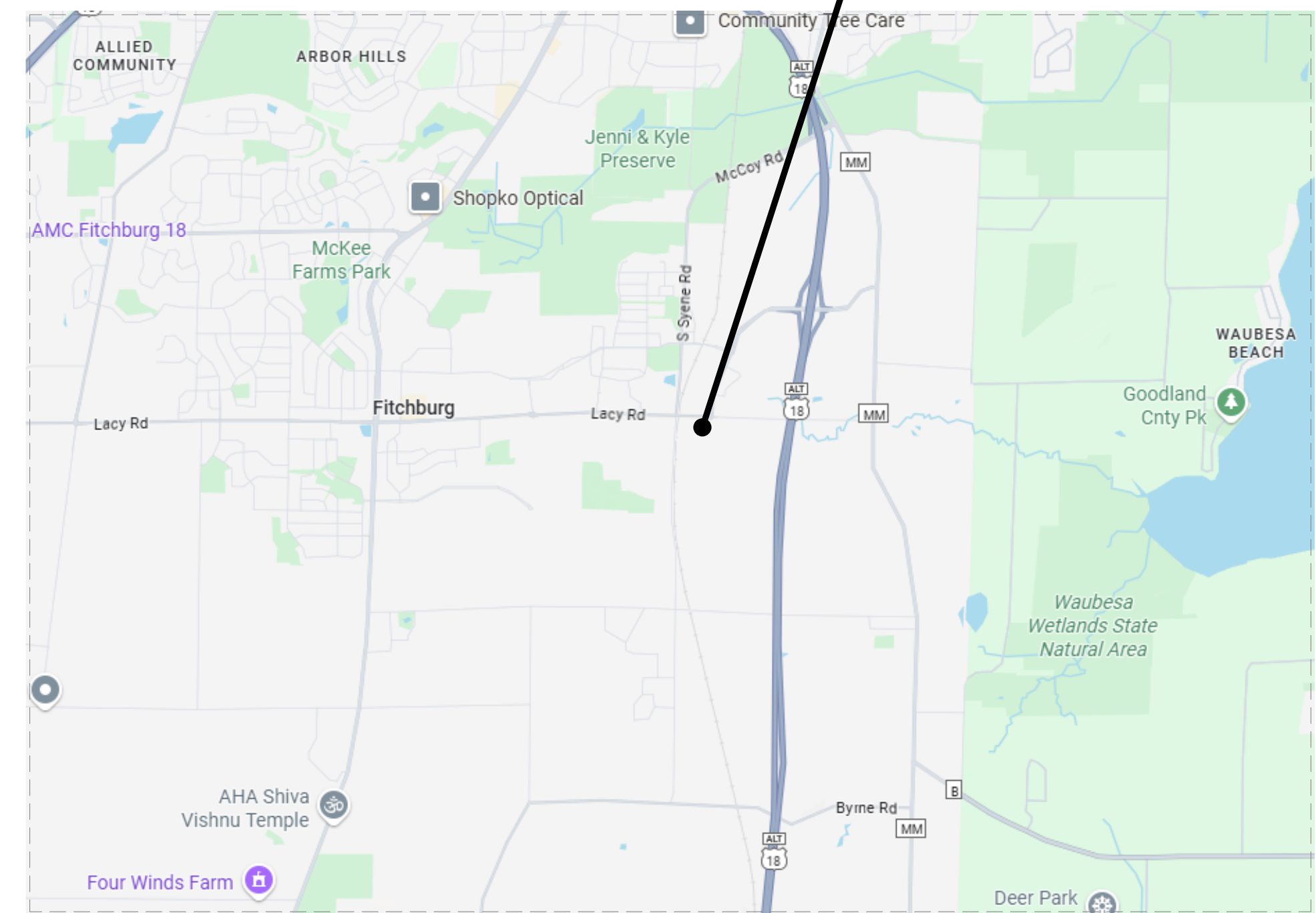
PROJ. #: 24134-01

© SKETCHWORKS
ARCHITECTURE 2025

COVER SHEET

G001

PROJECT LOCATION



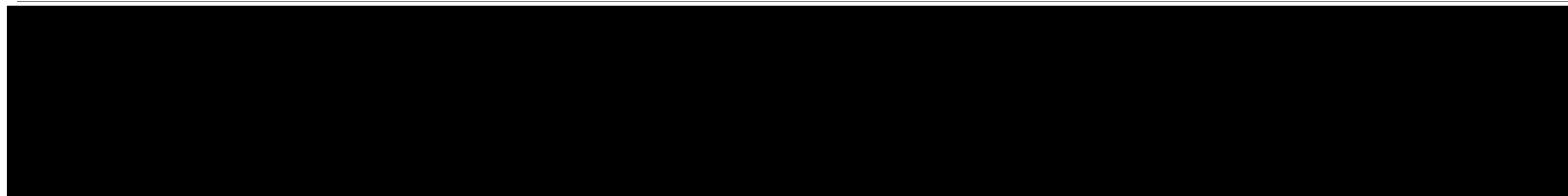
BUILDING LOCATION

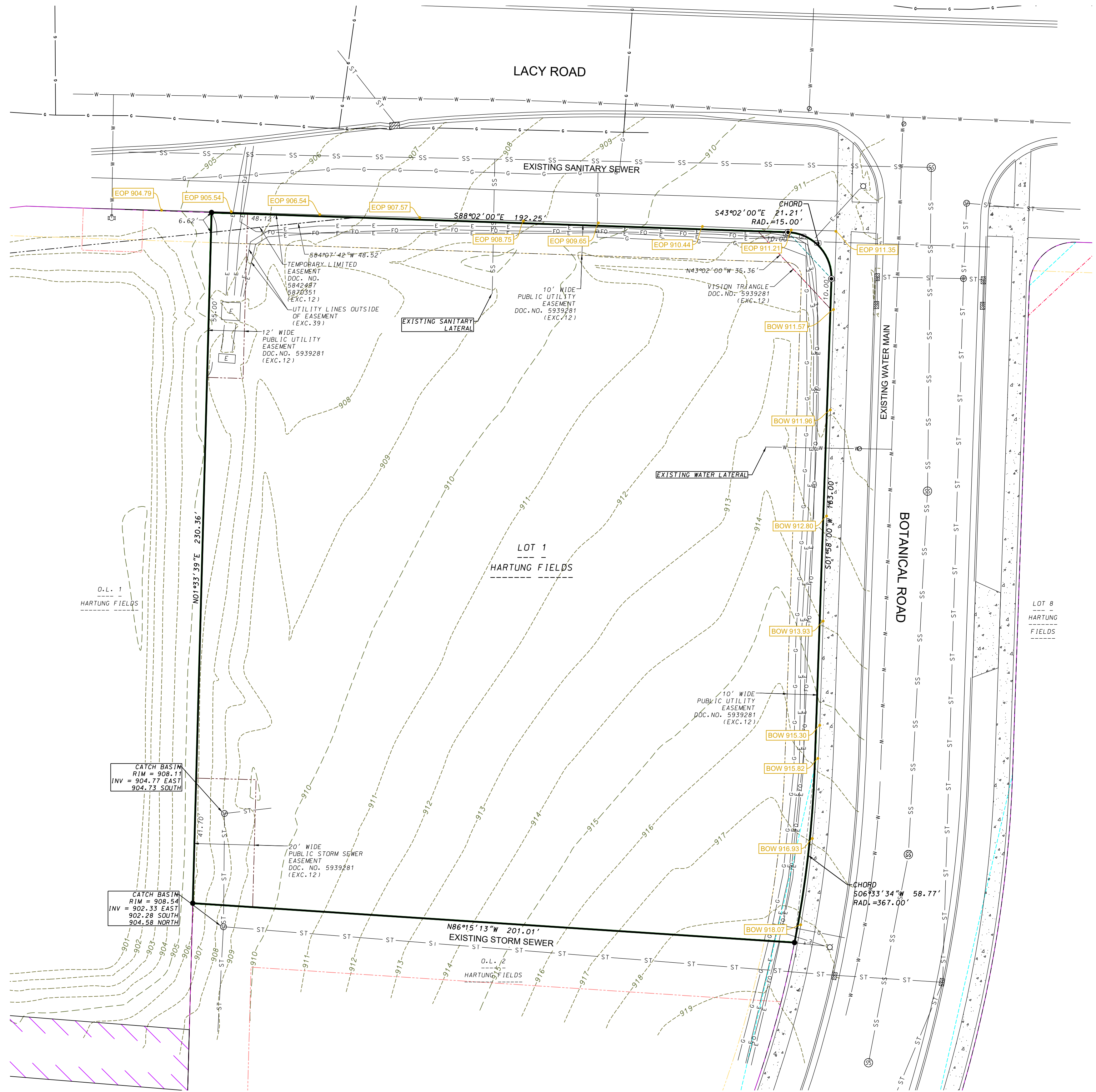


SHEET INDEX

SHEET NUMBER	SHEET NAME	REVISIONS	
		MARK	DATE
GENERAL			
G001	COVER SHEET		
CIVIL			
C001	EXISTING CONDITIONS		
C100	SITE PLAN		
C200	GRADING PLAN		
C300	UTILITY PLAN		
C400	DETAILS		
LANDSCAPE			
L100	LANDSCAPE PLAN		
ARCHITECTURAL			
A101	FLOOR PLAN		
A103	ROOF PLAN		
A201	EXTERIOR ELEVATIONS		
A202	EXTERIOR ELEVATIONS & SIGNS		
A203	EXTERIOR MATERIAL BOARD		
A701	EXTERIOR RENDERING		
A702	EXTERIOR RENDERING		
A703	EXTERIOR RENDERING		
A704	EXTERIOR RENDERING		
A705	EXTERIOR RENDERING		
EXTERIOR ELECTRICAL			
ES101	PHOTOMETRIC SITE PLAN		

PROJECT CONTACTS:



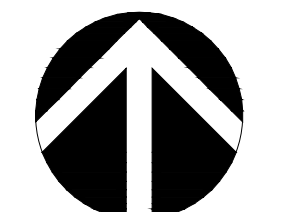


- LEGEND**
- FOUND 3/4" REBAR
 - FOUND 1-1/4" REBAR
 - UTILITY VAULT
 - ELECTRIC BOX
 - ⊗ STORM SEWER INLET
 - ⊗ STORM SEWER CATCH BASIN
 - ⊗ SANITARY SEWER MANHOLE
 - ⊗ VALVE
 - ⊗ HYDRANT
 - ⊗ LIGHT POLE
 - SS — SANITARY SEWER
 - W — WATER MAIN
 - ST — STORM SEWER
 - G — GAS MAIN
 - E — ELECTRIC LINE
 - FO — FIBER OPTIC LINE
 - C — CURB AND GUTTER
 - CON — CONCRETE
 - BOW 918.07 — EXISTING BACK OF WALK GRADE
 - EOP 911.77 — EXISTING EDGE OF PAVEMENT GRADE

EXISTING CONDITIONS

GiGi's PLAYHOUSE

CITY OF FITCHBURG, DADE COUNTY, WISCONSIN



SCALE: 1" = 40'
(PAGE SIZE: 11x17)

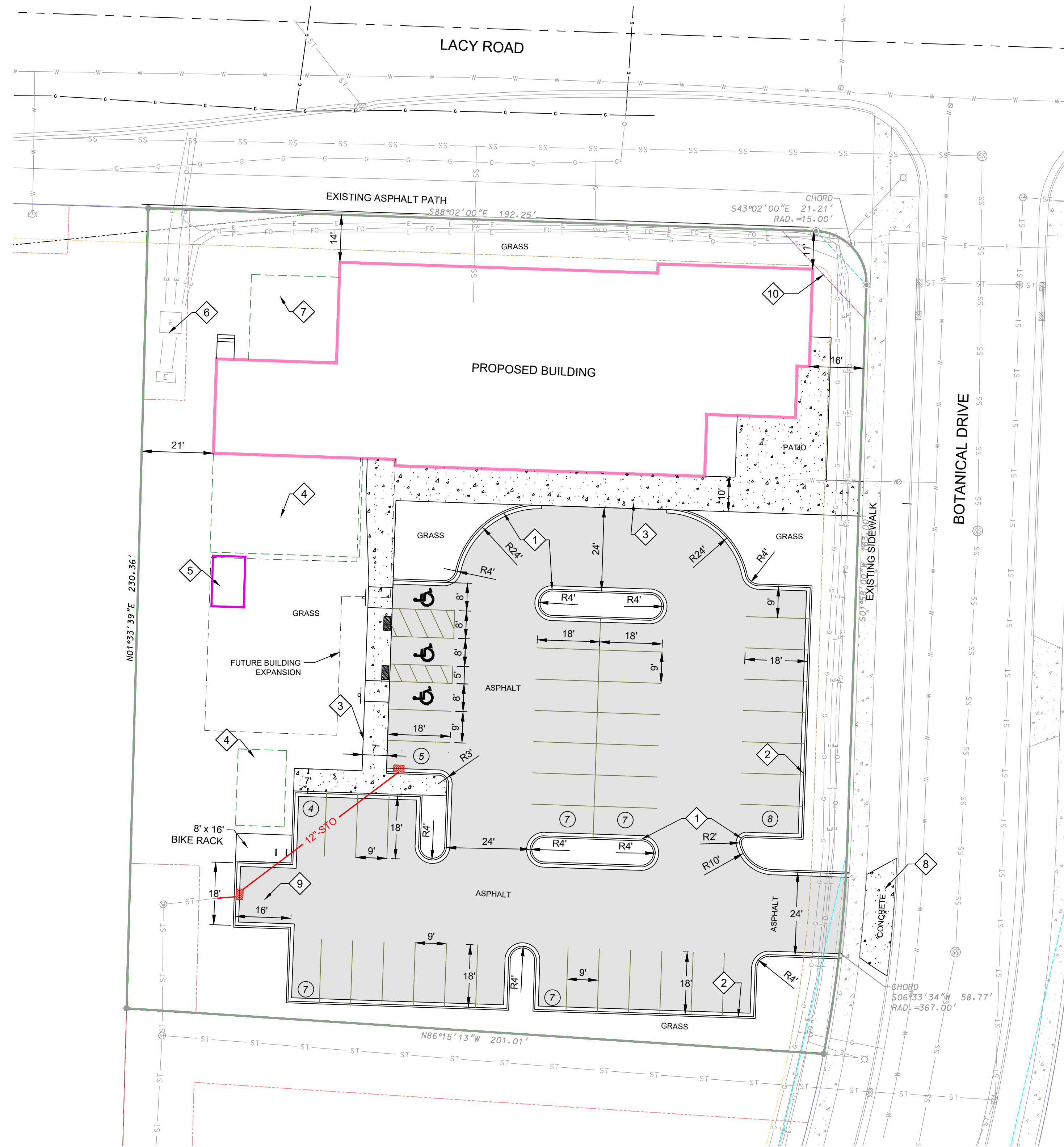
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DRAWN BY: BJH

FN: 24-05-153

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D'ONOFRIO KOTTKE AND ASSOCIATES, INC.
7530 Westward Way, Madison, WI 53717
Phone: 608-833-7530 • Fax: 608-833-1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT



PAVEMENT IMPROVEMENTS LEGEND

	LIGHT DUTY PAVEMENT 3.5" ASPHALT (2.00" BINDER, 1.50" SURFACE) 4" UPPER BASE COURSE, 1-1/4" STONE 6" LOWER BASE COURSE, 3" STONE
	CONCRETE SIDEWALK 4" CONCRETE OVER 3" GRANULAR BASE. PUBLIC SIDEWALK TO CONFORM TO CITY OF MIDDLETON STANDARDS
	PROPOSED PARKING SPACE COUNT

KEYNOTES

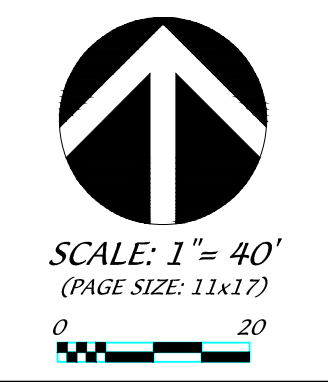
	18-INCH CURB & GUTTER (TYPE D - ACCEPTING PAN)		GARDEN
	18-INCH CURB & GUTTER (TYPE D - REJECTING PAN)		NEW CITY OF FITCHBURG COMMERCIAL DRIVEWAY
	CONCRETE SIDEWALK		CONCRETE DUMPSTER PAD
	PLAY AREA		VISION TRIANGLE
	SHED		
	TRANSFORMER PAD		

SITE PLAN INFORMATION BLOCK

PROPERTY AREA	48,066 SF
EXISTING IMPERVIOUS AREA	0 SF
PROPOSED IMPERVIOUS AREA	28,292 SF
IMPERVIOUS SURFACE RATIO	0.59
TOTAL BUILDING AREA	8,334 SF
FLOOR AREA RATIO	0.17
ACCESSIBLE STALLS	3
STANDARD OFF-STREET STALLS	42
TOTAL PARKING STALLS	45
TOTAL BICYCLE STALLS	2

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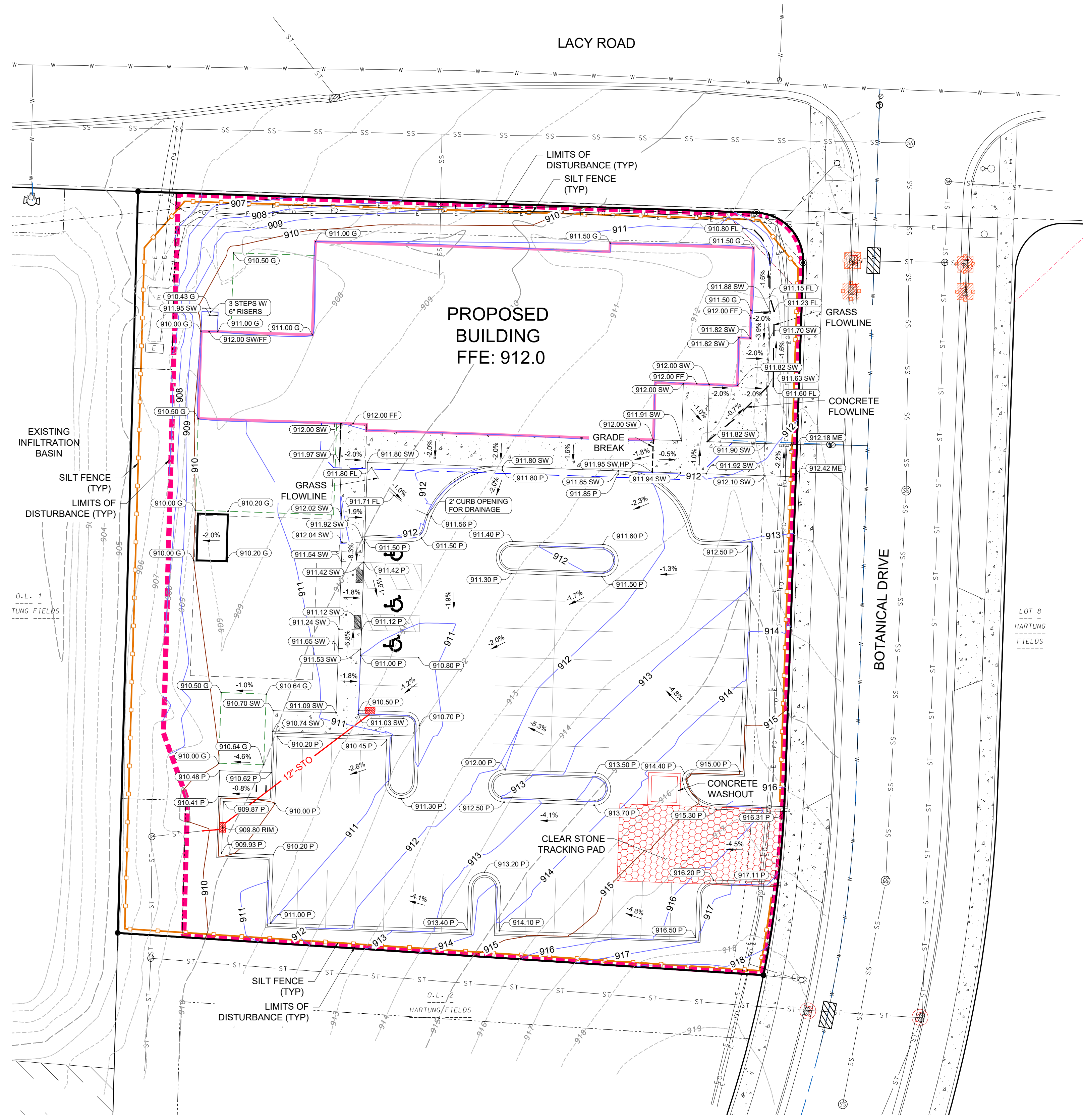
SITE PLAN
Gigi's PLAYHOUSE
 CITY OF FITCHBURG, DANE COUNTY, WISCONSIN



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SEQUENCE OF CONSTRUCTION

1. INSTALL EROSION CONTROL	09/15/25
2. ROUGH SITE GRADING	09/16/25 - 10/01/25
3. UTILITIES, FINE GRADING, CONCRETE CURB AND GUTTER, ASPHALT	10/01/25 - 11/15/25
4. RE-SPREAD TOPSOIL AND FINAL RESTORATION	05/11/26 - 06/01/26
5. REMOVE EROSION CONTROL WHEN SITE HAS BECOME STABILIZED	08/01/26

GRADING PLAN LEGEND

- PROPOSED CONTOURS
- EXISTING CONTOURS
- PAVEMENT GRADE
- SIDEWALK
- DISTURBED AREA
- SILT SOCK OR SILT FENCE
- CLEAR STONE TRACKING PAD
- INLET PROTECTION

LIMITS OF DISTURBANCE = 44,461 SQ FT
= 1.02AC

GENERAL NOTES

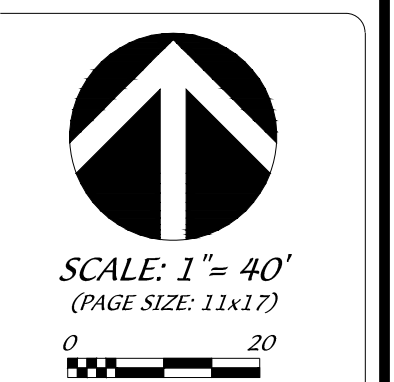
- ALL WORK SHALL BE PER THE CITY OF FITCHBURG STANDARD SPECIFICATIONS
- CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED.
- BUILDING CORNERS ARE APPROXIMATE AND FOR GENERAL BUILDING FOOTPRINT ONLY
- IF ANY ERRORS, DISCREPANCIES, OR DIMENSIONS WITH PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION
- CONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS AWAY FROM BUILDING FOUNDATIONS DURING FINAL RESTORATION
- ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED
- CONTRACTOR SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER WHICH ABUTS THE PROPERTY AND IS DAMAGED BY CONSTRUCTION OR ANY SIDEWALK AND CURB AND GUTTER WHICH THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE.

GRADING AND EROSION CONTROL NOTES:

- ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE WISCONSIN DNR TECHNICAL STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE STANDARDS.
- INSTALL EROSION CONTROL MEASURES PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIALS AS SHOWN ON PLAN. MODIFICATIONS TO SEDIMENT CONTROL DESIGN MAY BE CONDUCTED TO MEET UNFORESEEN FIELD CONDITIONS IF MODIFICATIONS CONFORM TO WDNR TECHNICAL STANDARDS.
- EROSION CONTROL MEASURES INDICATED ON THE PLANS SHALL BE CONSIDERED MINIMUMS. IF DETERMINED NECESSARY DURING CONSTRUCTION ADDITIONAL MEASURES SHALL BE INSTALLED TO PREVENT SEDIMENT FROM LEAVING THE SITE.
- INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
- INSPECT EROSION CONTROL MEASURES AFTER EACH 1/2" OR GREATER RAINFALL. REPAIR ANY DAMAGE OBSERVED DURING THE INSPECTION.
- NO SITE GRADING OUTSIDE OF THE LIMITS OF DISTURBANCE
- EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER
- CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1 WITH THE EXCEPTION OF SLOPES SURROUNDING THE UPSTREAM INLET OF THE CULVERT. AREAS OF 2:1 SLOPES AND NO LONGER THAN 30 FEET CAN BE STABILIZED USING CLASS-I, TYPE -B EROSION MAT OTHERWISE FOLLOW WISDOT FDM 10-5 EROSION CONTROL MATRIX.
- SLOPES EXCEEDING 4:1 SHALL BE STABILIZED WITH CLASS I, TYPE B EROSION MATTING.
- ALL INCIDENTAL MUD TRACKING FROM CONSTRUCTION AND MATERIAL HAULING WILL OCCUR ON INTERNAL ROADS. TRACKING WILL BE KEPT ON-SITE AND CLEANED UP AND REMOVED BY THE END OF EACH WORKING DAY USING PROPER DISPOSAL METHODS.
- ANY DISTURBED AREA EXPECTED TO BE DORMANT FOR GREATER THAN 5 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING AND MULCH.
- PREVENT EXCESSIVE DUST FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
- INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES.
- AT A MINIMUM ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 4" OF TOPSOIL FERTILIZER, SEED AND MULCH. SEED MIXTURE SHALL BE WISCONSIN DOT SEED MIX #40 OR EQUIVALENT APPLIED AT A RATE OF 5 POUNDS PER 1000 SQFT ON ALL DISTURBED AREAS. ANNUAL RYEGRASS AT A RATE OF 1 1/2 POUNDS PER 1000 SQFT SHALL BE ADDED TO THE MIXTURE. FERTILIZER SHALL BE PLACED PER A SOIL TEST.
- CONTRACTOR SHALL VERIFY DEPTH OF ALL UTILITIES TO ENSURE PROPOSED GRADES HAVE ENOUGH COVER.

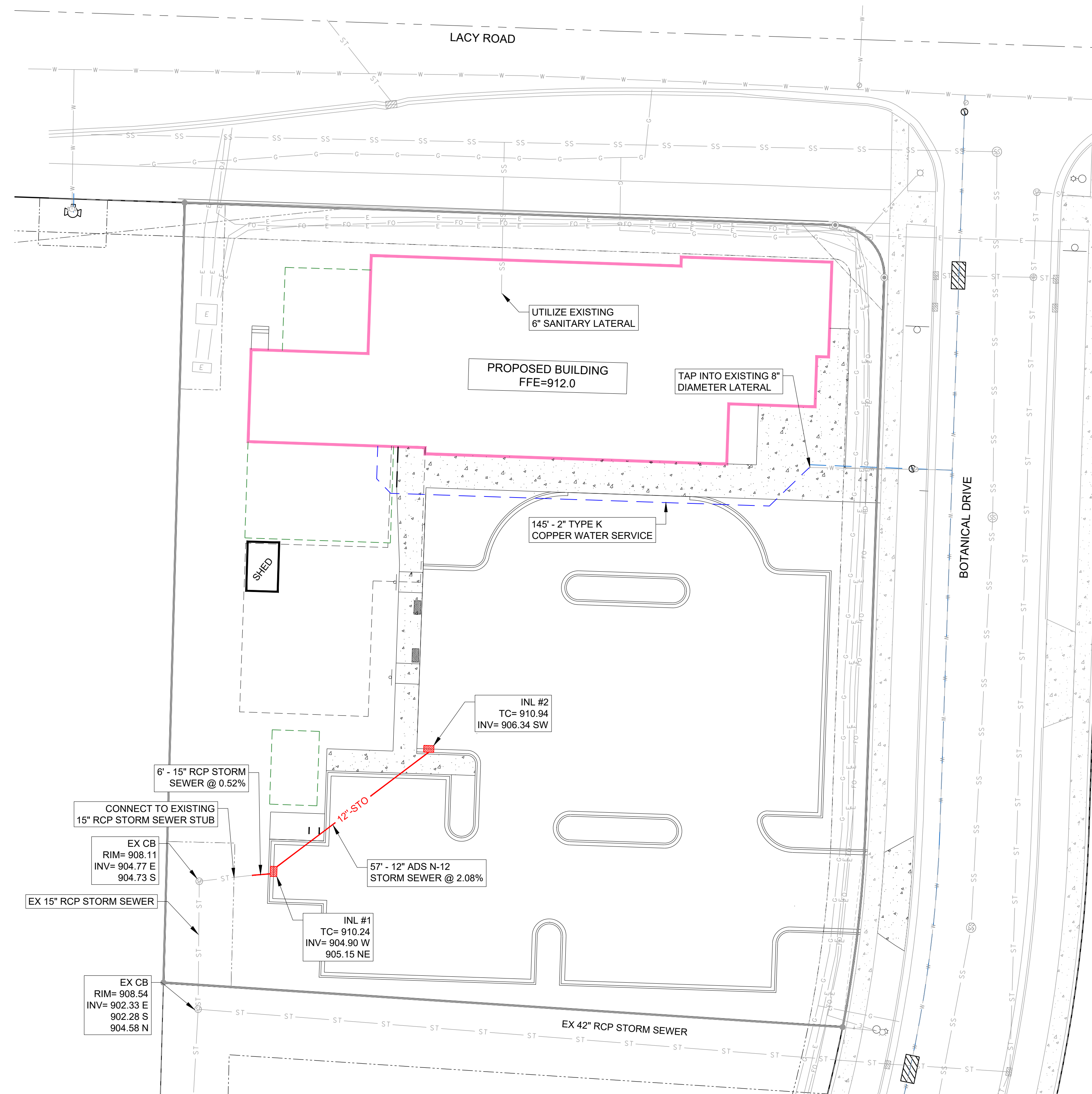
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YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

GRADING PLAN
GiGi's PLAYHOUSE
CITY OF FITCHBURG, DANE COUNTY, WISCONSIN



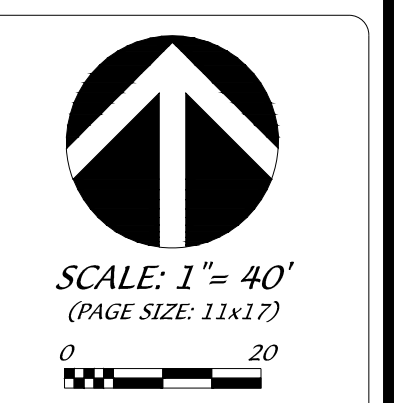
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UTILITY NOTES:

1. SANITARY AND WATER LATERAL SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF FITCHBURG STANDARDS.
2. THE LOCATION OF EXISTING UTILITIES ON THE PLANS ARE APPROXIMATE. PROTECTION OF EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY.
3. CONTRACTOR TO VERIFY LOCATION, SIZE AND DEPTH OF EXISTING STORM, WATER AND SANITARY PRIOR TO CONSTRUCTION.
4. WATER LATERAL SHALL HAVE A MINIMUM 6.5' OF BURY TO TOP OF PIPE.
3. CONTRACTOR TO COORDINATE SANITARY LATERAL AND WATER SERVICE ROUTING AND BUILDING CONNECTION WITH PLUMBING PLAN PRIOR TO CONSTRUCTION.
4. PER CITY ORDINANCE, CONTRACTORS ARE NOT ALLOWED TO OPERATE CITY OWNED VALVES. CONTRACTOR SHALL CALL THE FITCHBURG UTILITY AT 270-4270 FOR OPERATION OF THESE VALVES.
5. CONTRACTOR TO COORDINATE ELECTRIC, PHONE, GAS AND CABLE INSTALLATION WITH THE RESPECTIVE UTILITY COMPANIES.
6. STORM INLETS TO BE 2'x3' PRECAST STRUCTURES WITH NEENAH R-2067 CASTING, FRAME AND GRATE.
7. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SANITARY AND STORM SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORD WITH THE PROVISIONS OF THESE CODE SECTIONS SPS 382.30 (11)(h), SPS 382.36(7)(d)10.a, AND SPS 382.40(8)(k) AS PER 182.0715(2r) OF THE STATUTES.



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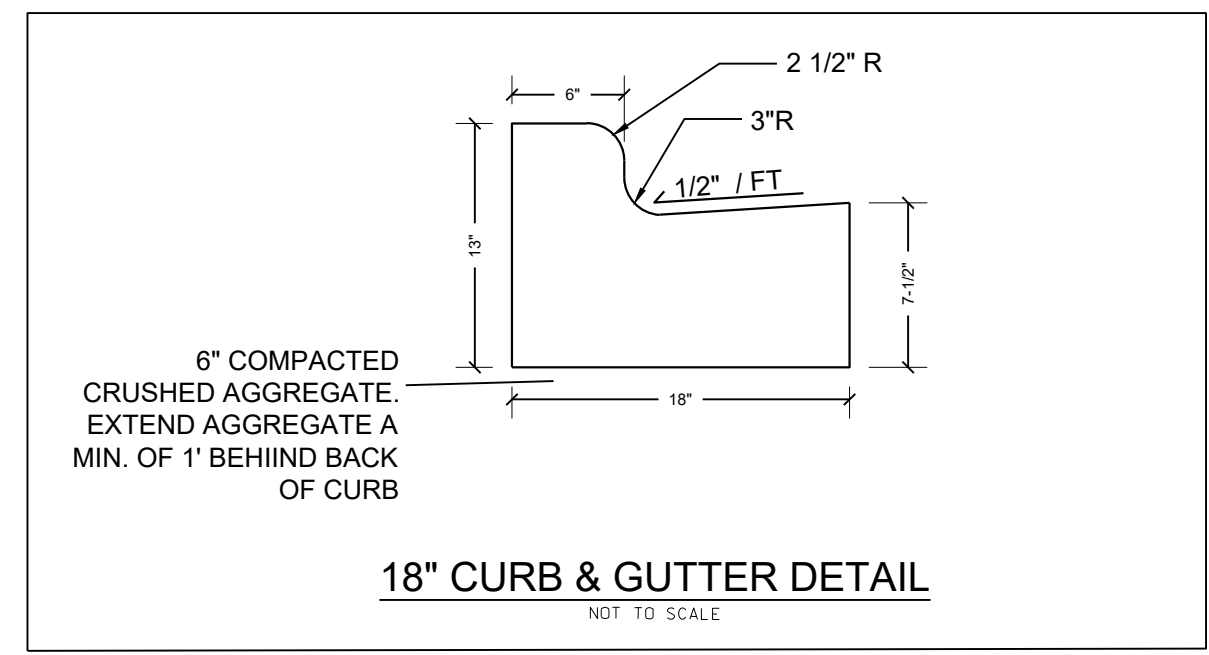
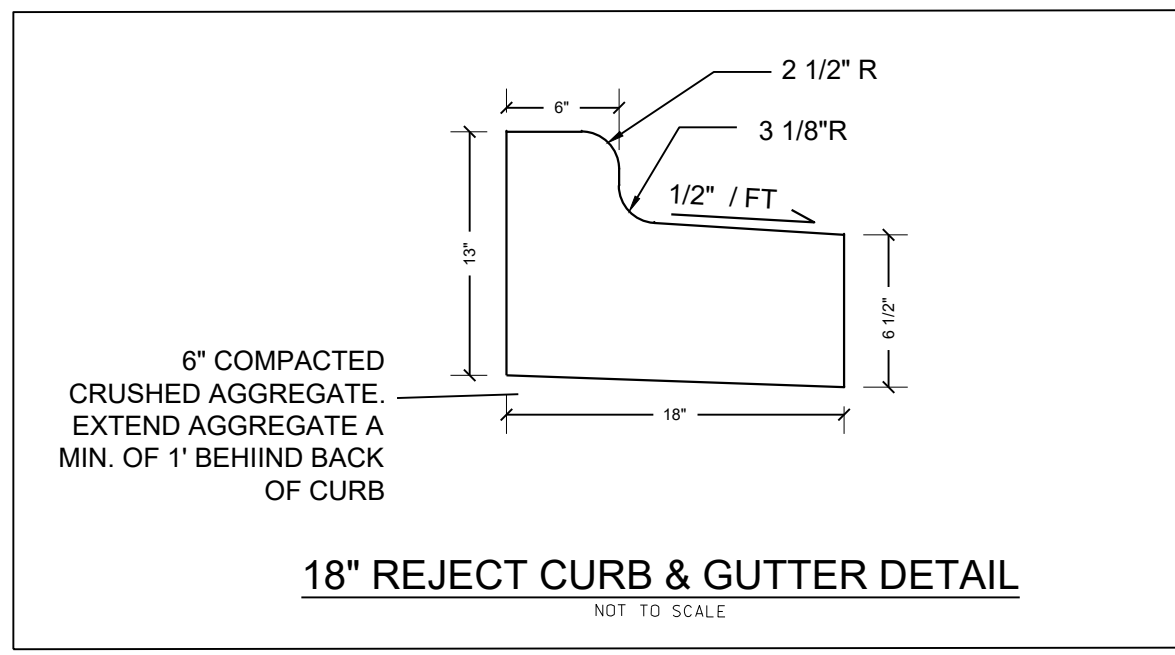
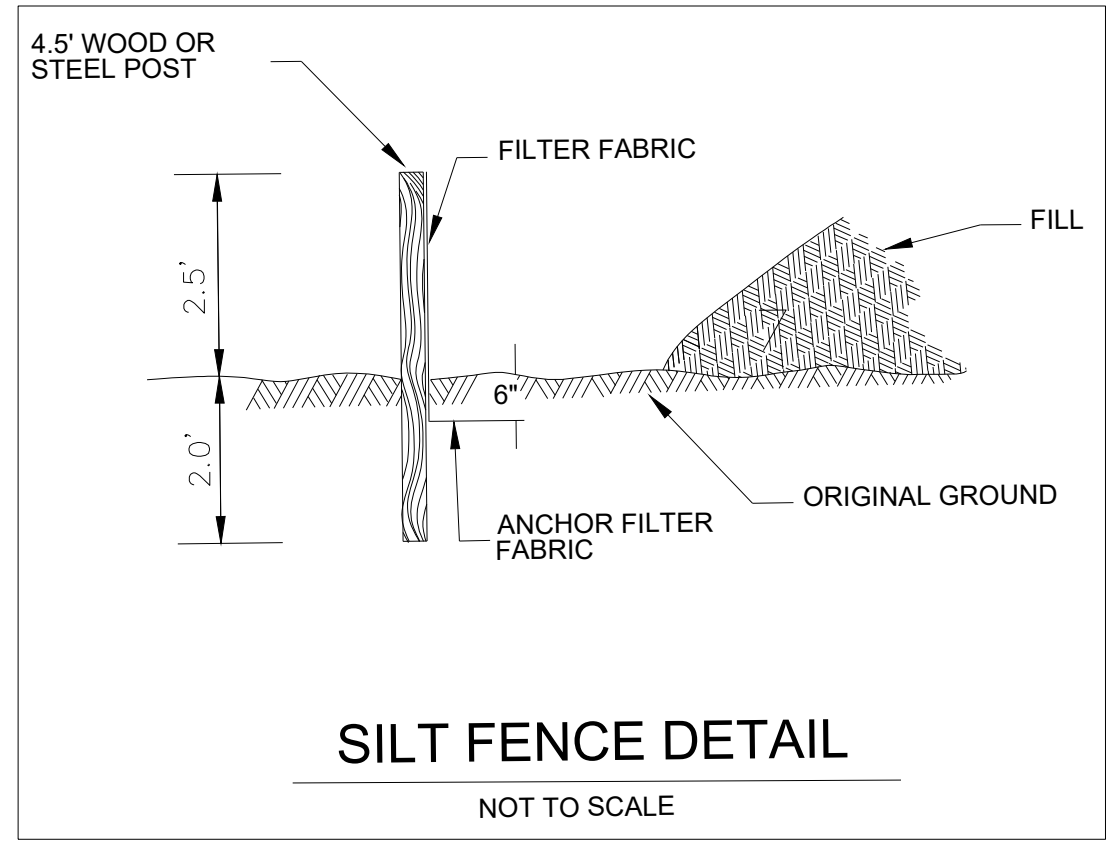
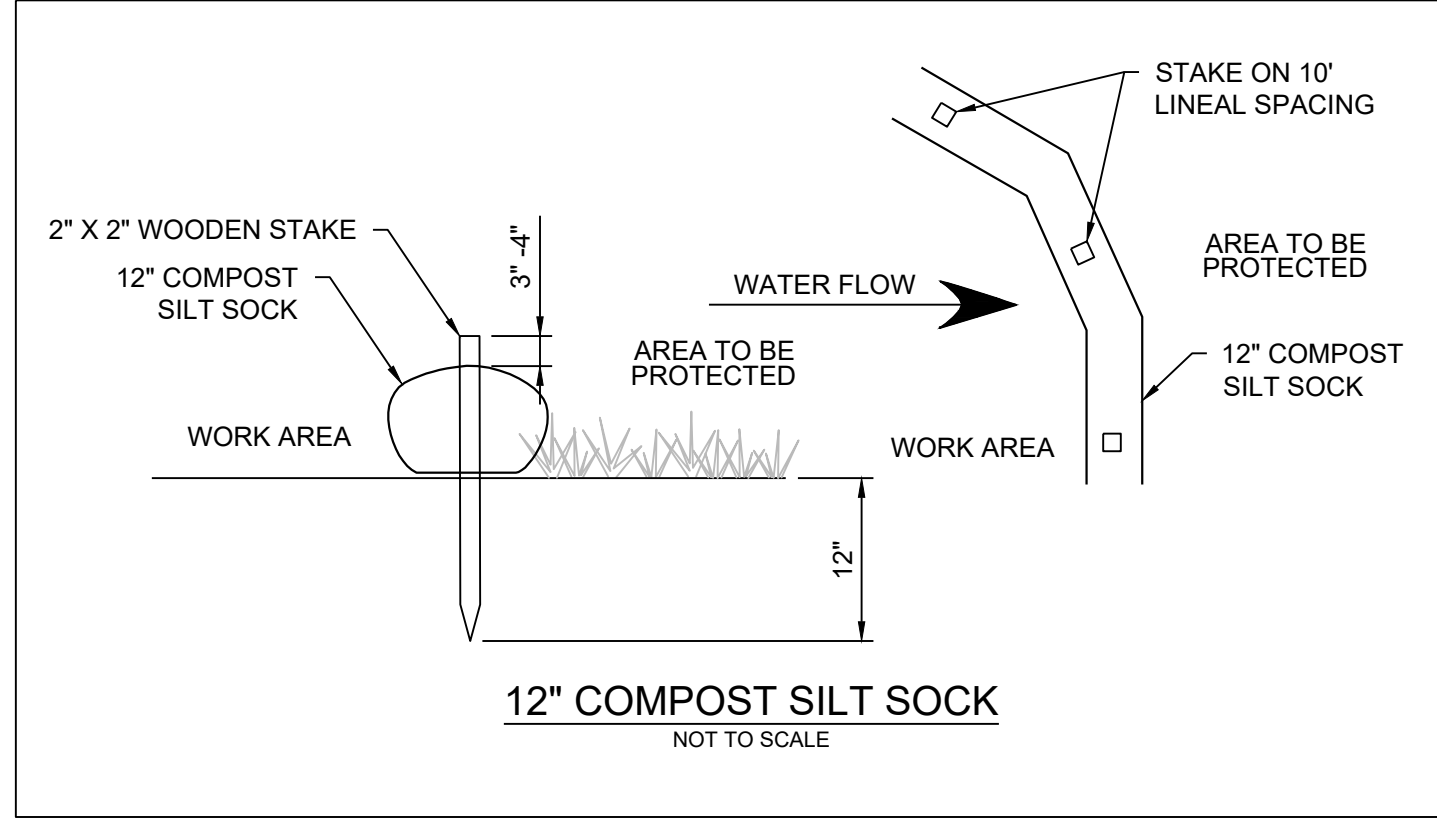
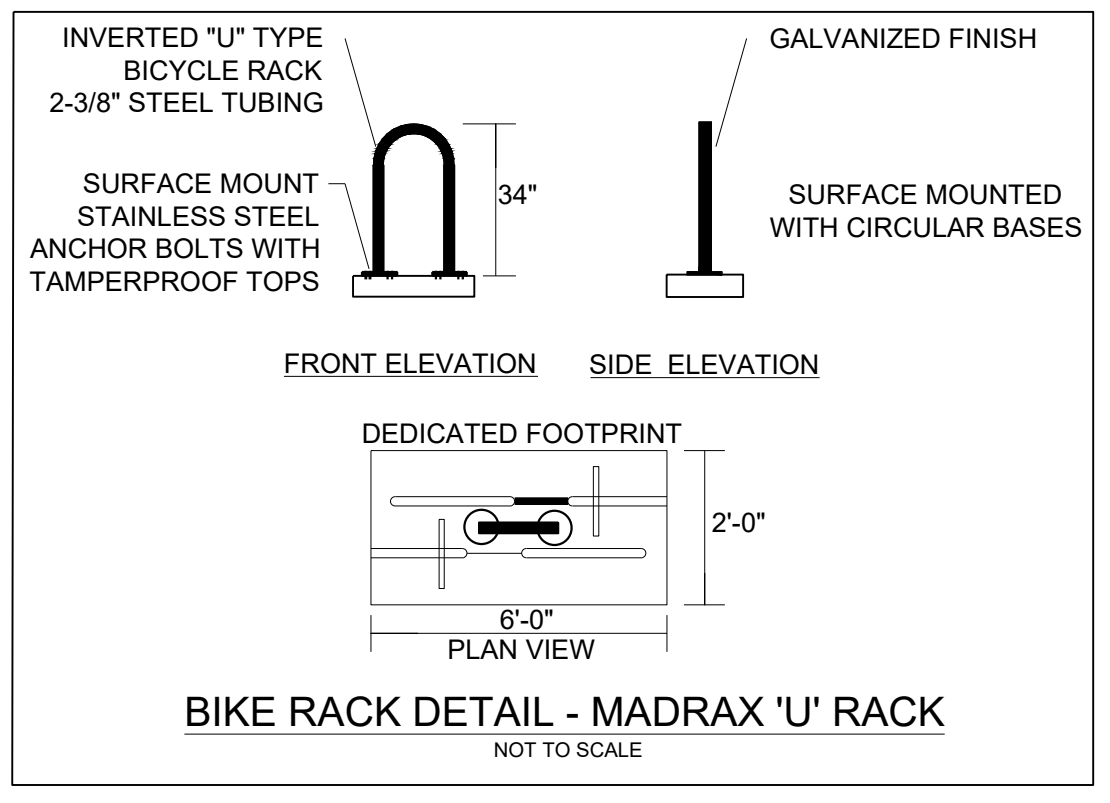
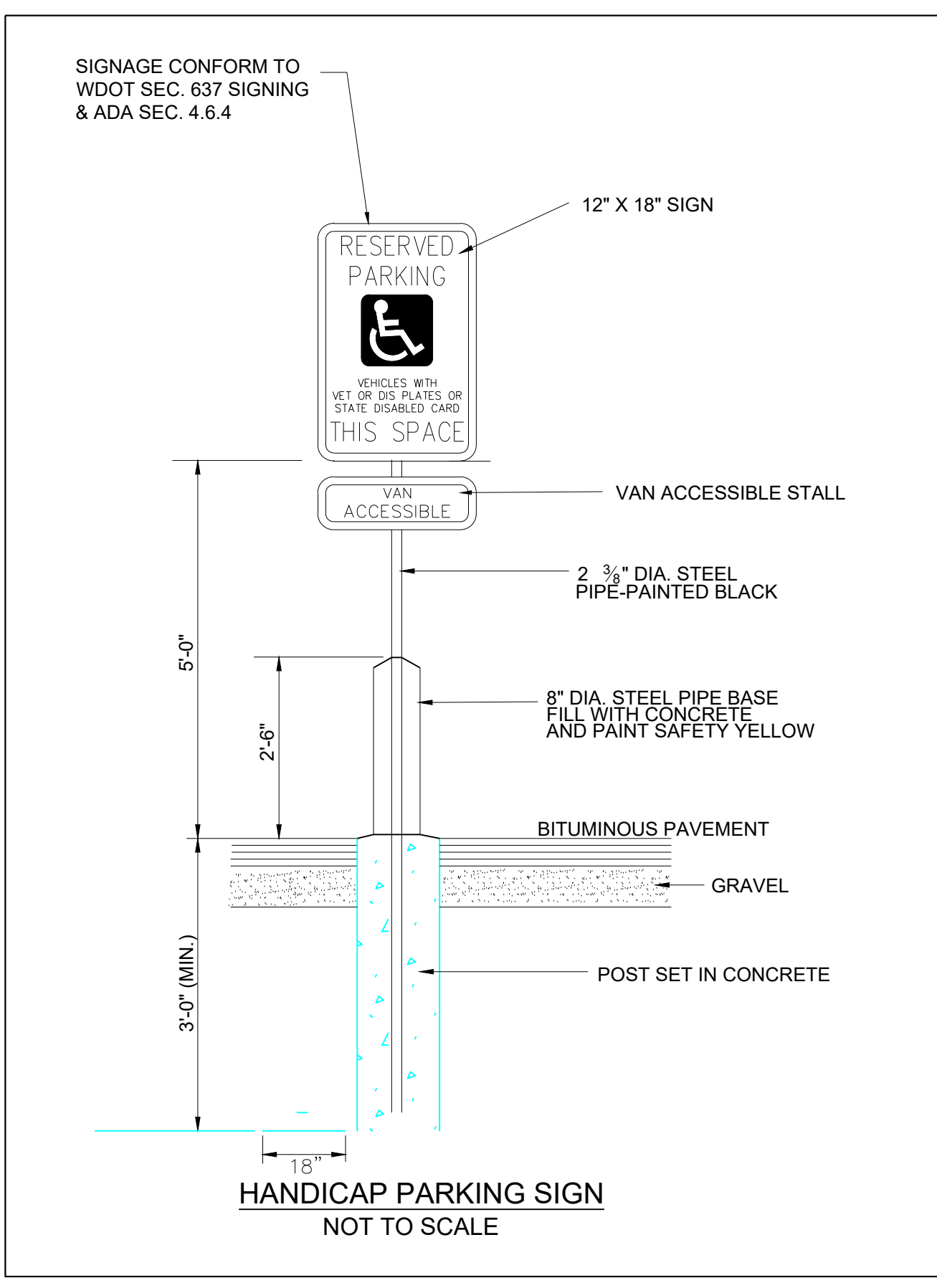
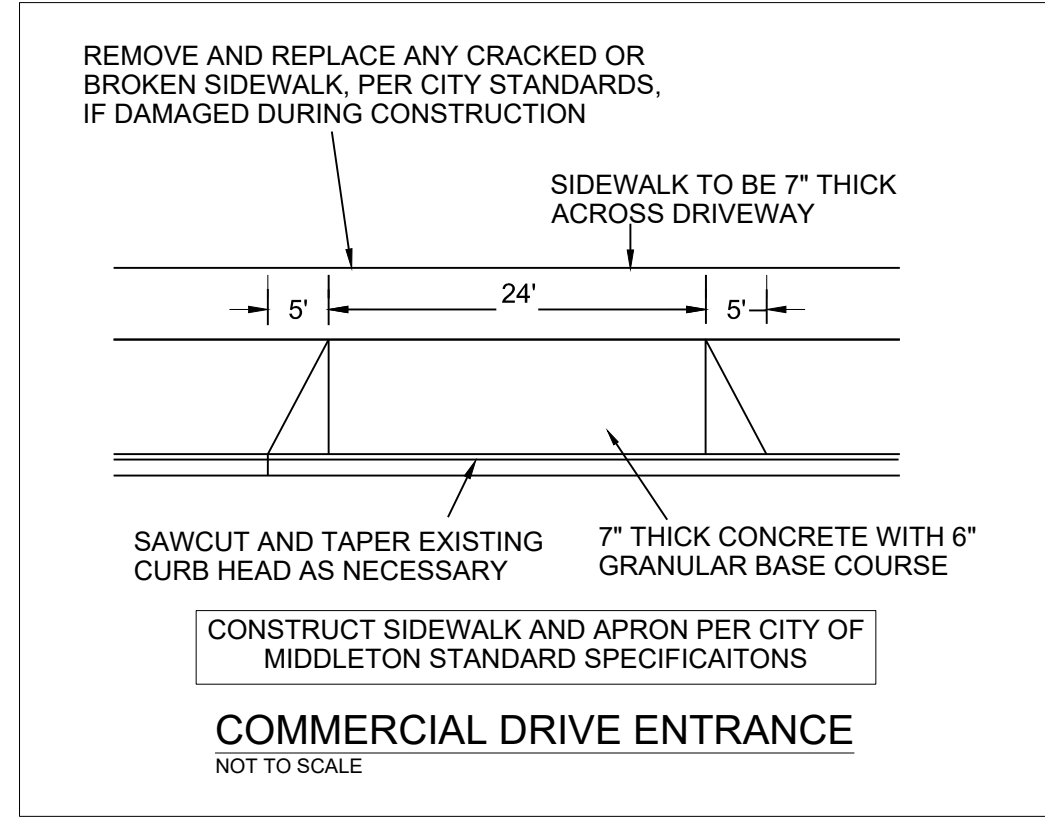
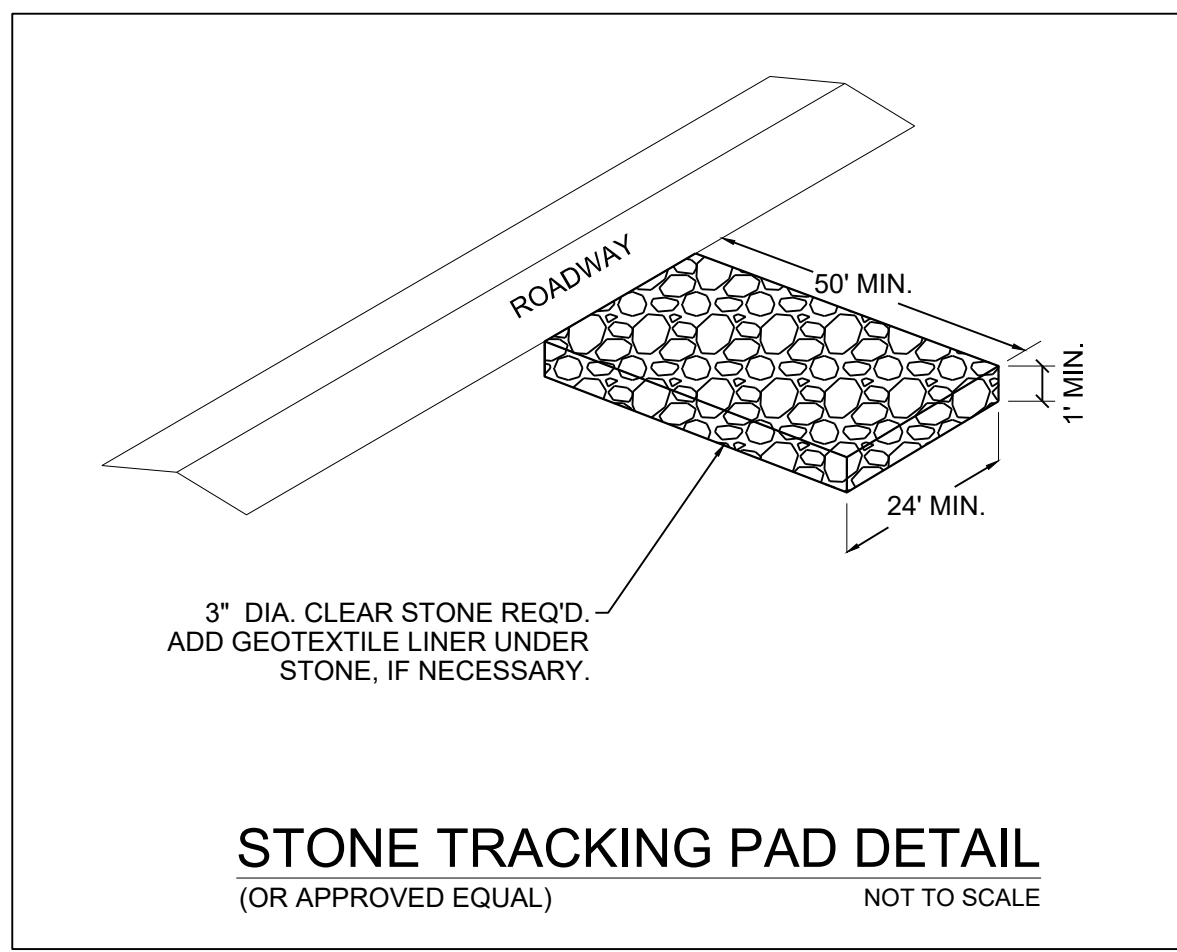
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FLEXSTORM PURE FILTERS FOR PERMANENT INLET PROTECTION PRODUCT SELECTION AND SPECIFICATION DRAWING

Drop Through Opening Size (in)	Flexstorm Frame P/N	Minimum Bag Size (in) (25% based on Nominal Frame Size with minimum 2" Baggage Flow Gap)
Small: 1/8"	IC2000	2.0
Medium: 1/4"	IC2000	2.0
Large: 3/8"	IC2000	3.0

Drop Through Opening Size (in)	Flexstorm Frame P/N	Minimum Bag Size (in) (25% based on Nominal Frame Size with minimum 2" Baggage Flow Gap)
Small: 1/8"	IC2000	2.0
Medium: 1/4"	IC2000	2.0
Large: 3/8"	IC2000	3.0

Nominal Bag Size	Storage	FX	PC	IL	Retention	PC On	PC On
Small	1.6	1.2	0.8	0.9	79	308	89
Medium	2.1	1.7	1.2	1.3	115	204	89
Large	3.6	2.7	1.8	1.9	173	262	89
XL	4.2	3.6	2.5	2.6	290	319	178

1. IDENTIFY YOUR FLEXSTORM FRAME PART NUMBER FROM TABLE ABOVE

2. SELECT YOUR BAG PART NUMBER BASED ON APPLICATION NEEDS

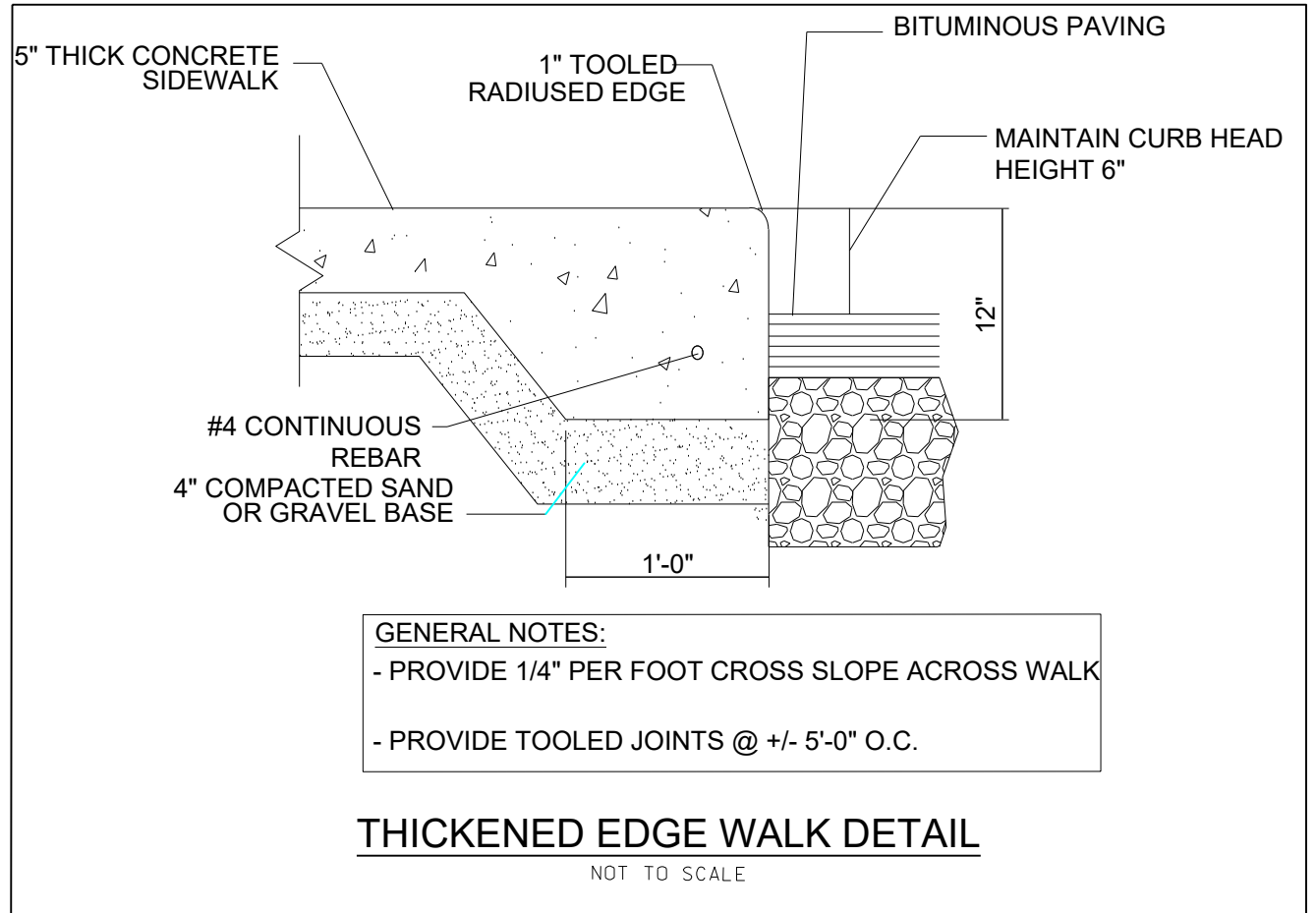
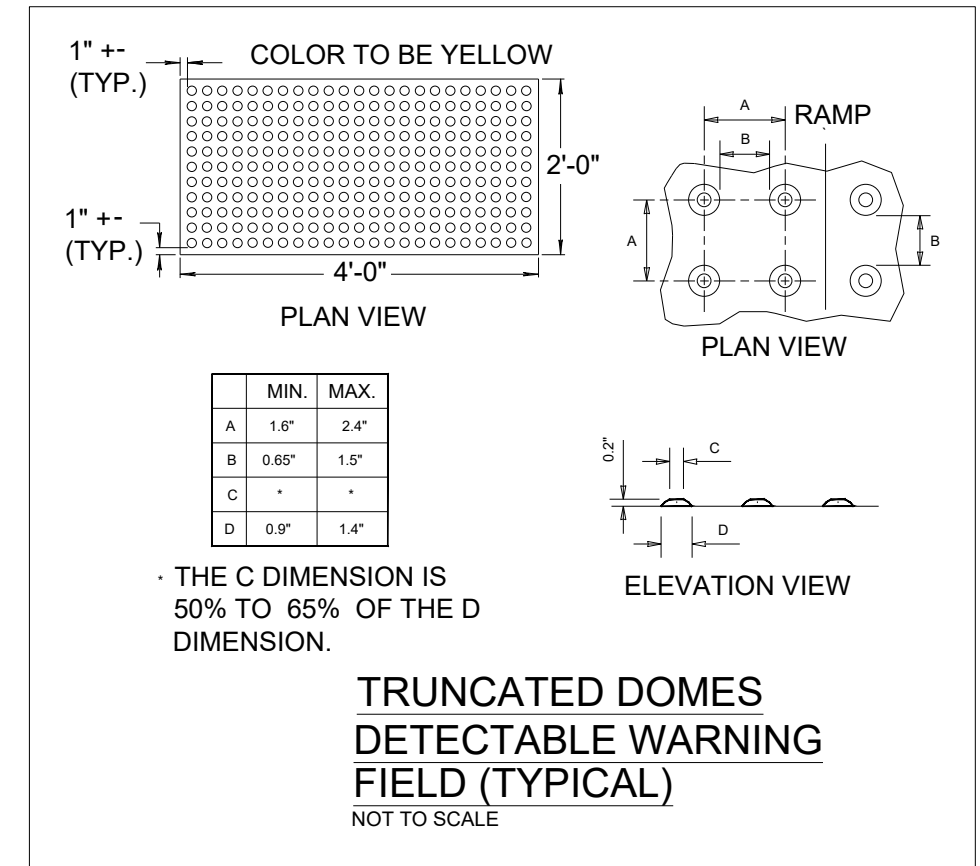
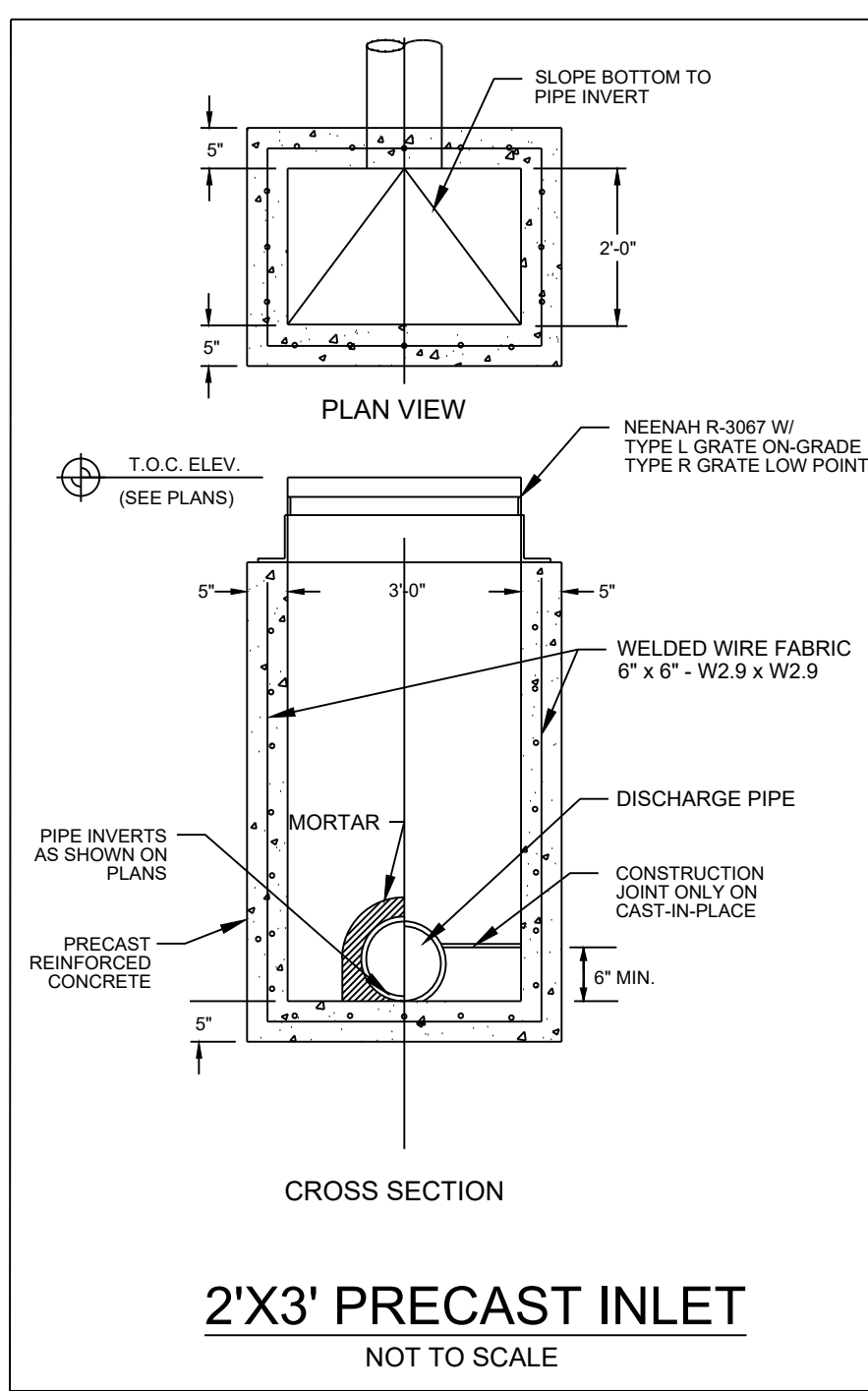
3. CREATE YOUR FLEXSTORM INLET FILTER PART NUMBER

Frame P/N from Step 1. Filter Bag P/N from Step 2.

INSTALLATION:

- REMOVE GRATE
- DROP FLEXSTORM INLET FILTER INTO LEAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
- REPLACE GRATE

ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC. A DIVISION OF A.I.S., INC. WWW.INLETFILTERS.COM (866) 287-8555 PH (608) 293-3477 FX INFO@INLETFILTERS.COM



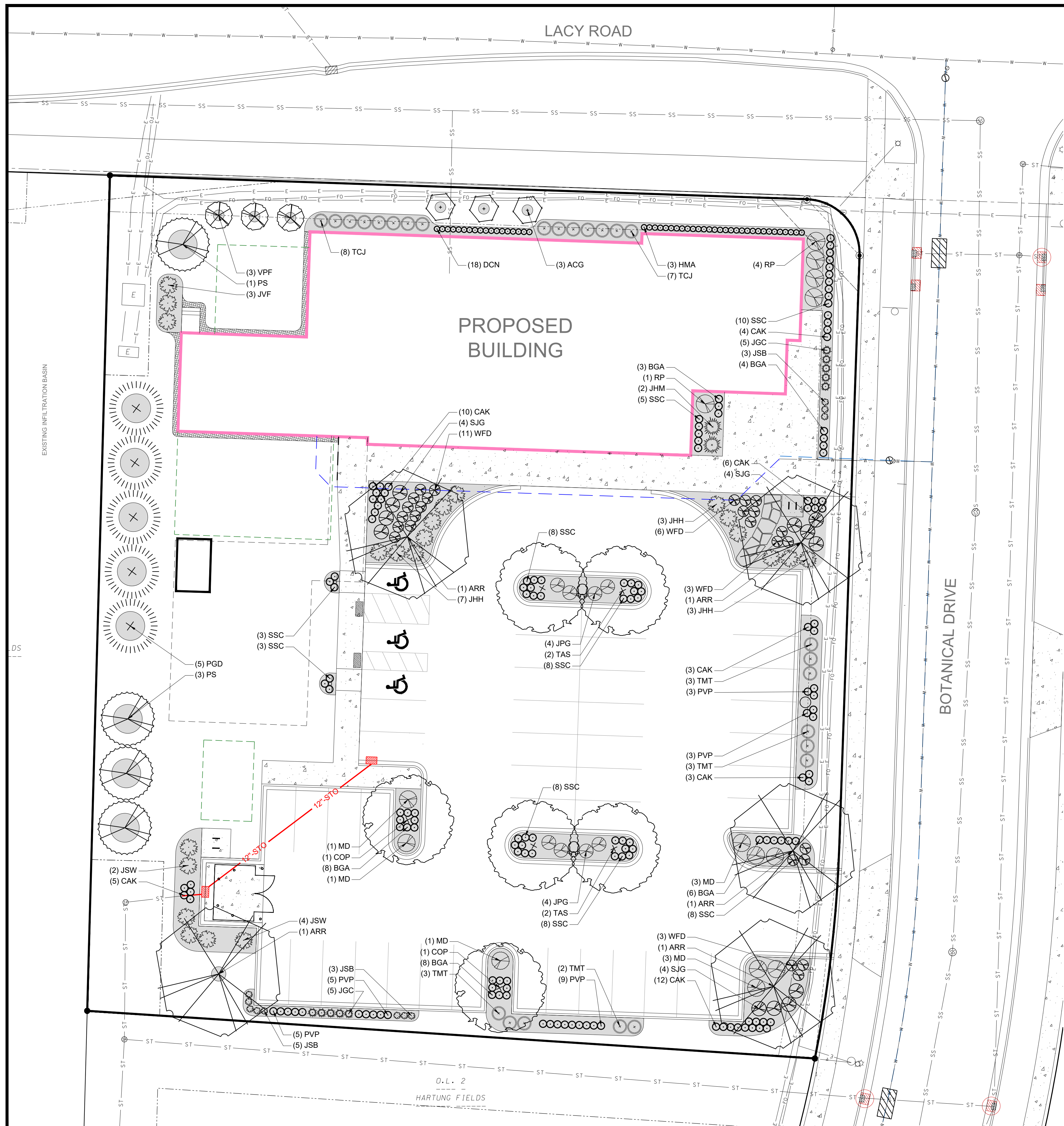
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YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

DETAILS
GiGi's PLAYHOUSE
CITY OF FITCHBURG, DANE COUNTY, WISCONSIN

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LANDSCAPE NOTES

- CONTACT DIGGER'S HOTLINE 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL THE PRIVATE UTILITIES PRIOR TO THE START OF WORK
- ALL LANDSCAPE AREAS SHALL HAVE A MINIMUM 6" DEPTH OF COMPACTED TOPSOIL
- MAINTENANCE STRIPS SHALL BE INSTALLED ADJACENT TO THE BUILDING FOUNDATION WHERE LANDSCAPE BEDS ARE NOT PRESENT - SEE DETAIL
- ALL LANDSCAPE BEDS SHALL CONTAIN A 3-INCH DEPTH SHREDDED HARDWOOD BARK MULCH AND SHALL BE CONTAINED BY LANDSCAPE EDGING UNLESS OTHERWISE NOTED
- LANDSCAPE EDGING SHALL BE 3/16" x 4" ALUMINUM EDGING MILL FINISH UNLESS OTHERWISE NOTED
- LANDSCAPE EDGING FOR TREE RINGS SHALL BE A 4" DEEP TRENCH CUT EDGE
- ALL DECIDUOUS TREES IN LAWN AREAS SHALL HAVE A 3-FOOT DIAMETER CIRCLE OF 3-INCH DEPTH SHREDDED HARDWOOD BARK MULCH CONTAINED BY A 4" DEEP TRENCH CUT EDGE UNLESS INDICATED DIFFERENTLY ON THE PLANS
- ALL EVERGREEN TREES IN TURF AREAS SHALL HAVE A 8' DIAMETER CIRCLE OF 3-INCH DEPTH SHREDDED HARDWOOD BARK MULCH CONTAINED BY A 4" DEEP TRENCH CUT EDGE UNLESS INDICATED DIFFERENTLY ON THE PLANS
- GENERAL LANDSCAPE AREAS SHALL BE SEEDED WITH **MADISON PARKS SEED MIX** AS MANUFACTURED BY LA CROSSE SEED, LLC. PER MANUFACTURER'S SPECIFICATIONS
- ALL LANDSCAPING SHALL BE IN ACCORDANCE WITH THE CITY OF FITCHBURG STANDARDS & REQUIREMENTS
- INSTALLATION OF LANDSCAPING SHALL INCLUDE A 1 YEAR LANDSCAPE MAINTENANCE & WARRANTY PERIOD. LANDSCAPE MAINTENANCE SHALL INCLUDE ANY CARE NECESSARY TO ESTABLISH THE PLANTS CALLED OUT ON THE LANDSCAPE PLAN. LANDSCAPE WARRANTY SHALL INCLUDE THE REPLACEMENT OF ANY DAMAGED, DYING, OR DEAD PLANTS THAT HAVE BEEN INSTALLED AS PART OF THIS PROJECT AS CALLED OUT ON THE LANDSCAPE PLAN

LEGEND

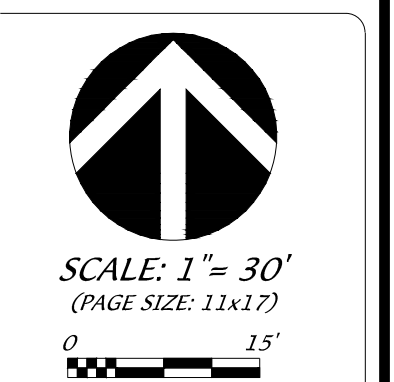
- HARDWOOD BARK MULCH
- LOCAL WASHED STONE

PLANT SCHEDULE

CODE	SCIENTIFIC NAME	COMMON NAME	QTY	SIZE	ROOT COND
DECIDUOUS TREES					
ACG	Amelanchier canadensis 'Glenn Form'	Rainbow Pillar Serviceberry	3	1"	B&B
ARR	Acer rubrum 'Redpointe'	Redpointe Maple	5	2"	B&B
COP	Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry	2	2"	B&B
TAR	Tilia americana 'Sweet Street'	Sweet Street Linden	4	2"	B&B
VPF	Viburnum prunifolium 'Forest Rouge'	Forest Rouge Blackhaw Viburnum	3	1"	B&B
EVERGREEN TREES					
PGD	Picea glauca 'Densata'	Black Hills Spruce	5	8' TALL	B&B
PS	Pinus strobus	Eastern White Pine	4	8' TALL	B&B
LOW ORNAMENTAL TREE					
DECIDUOUS SHRUB					
SJG	Spiraea 'Gold Flame'	Gold Flame Spirea	12	12" TALL	CONT
WXD	Weigela 'Dark Horse'	Dark Horse Weigela	26	12" TALL	CONT
EVERGREEN SHRUB					
JGC	Juniperus communis 'Gold Cone'	Gold Cone Juniper	10	#5	CONT
JHH	Juniperus horizontalis 'Bar Harbor'	Bar Harbor Juniper	13	#5	CONT
JHM	Juniperus horizontalis 'Motherlode'	Motherlode Juniper	2	#5	CONT
JPG	Juniperus x pfitzeriana 'Gold Coast'	Gold Coast Juniper	8	#5	CONT
JSB	Juniperus scopulorum 'Blue Arrow'	Blue Arrow Juniper	11	#5	CONT
JSW	Juniperus scopulorum 'Wichita'	Wichita Juniper	6	#5	CONT
JVF	Juniperus virginiana 'Emerald Feather'	Emerald Feather Juniper	3	#5	CONT
MD	Microbiota dicussata	Russian Arborvitae	9	#5	CONT
RP	Rhododendron 'PJM'	PJM Rhododendron	5	#5	CONT
TCJ	Tsuga canadensis 'Jeddeloh'	Jeddeloh Hemlock	15	#5	CONT
TMT	Taxus x media 'Tauntoni'	Taunton Yew	11	#5	CONT
ORNAMENTAL GRASSES					
BGA	Bouteloua gracilis 'Blonde Ambition'	Blonde Ambition Grama	29	#1	CONT
CAK	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	43	#1	CONT
DC	Deschampsia cespitosa 'Northern Lights'	Northern Lights Tufted Hair Grass	30	#1	CONT
PVP	Panicum virgatum 'Prairie Fire'	Prairie Fire Switch Grass	25	#1	CONT
SSC	Schizachyrium scoparium 'Chameleon'	Chameleon Little Bluestem	53	#1	CONT

D'ONOFRIO KOTTKE AND ASSOCIATES, INC.
 7530 Westward Way, Madison, WI 53717
 Phone: 608-833-7530 • Fax: 608-833-1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

LANDSCAPE PLAN
Gigi's PLAYHOUSE
 CITY OF FITCHBURG, DADE COUNTY, WISCONSIN



SCALE: 1" = 30'
 (PAGE SIZE: 11x17)

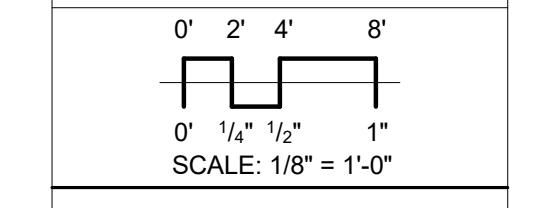
DATE: 07-21-2025
 REVISED:
 DRAWN BY: MS
 FN: 24-05-153
 Sheet Number:
L100

GIGI'S FITCHBURG
NEW CONSTRUCTION
2693 BOTANICAL DRIVE
FITCHBURG, WI 53711

Project Status

2025.07.21	PLAN COMMISSION

PROJ. #: 24134-01
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ARCHITECTURE 2025



**EXTERIOR
MATERIAL
BOARD**

A203



MASONRY - AMBASSADOR SIZE
"ASH BLEND"



MASONRY - MODULAR SIZE
"WINTER BLEND"



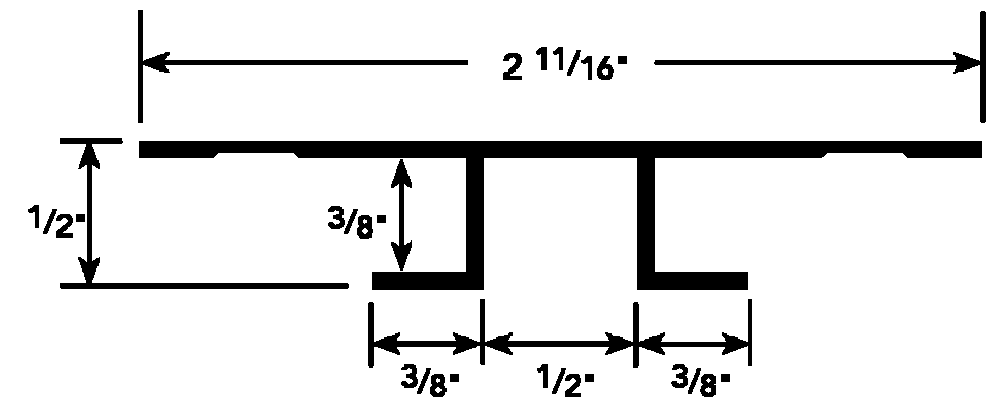
PRECAST CONCRETE SILL
"LIGHT BUFF"



6" LAP SIDING
"COBBLESTONE"



FIBER CEMENT PANEL
"EVENING BLUE"



FIBER CEMENT PANEL ALUMINUM CHANNEL REVEAL

D

C

B

A

GIGI'S FITCHBURG
NEW CONSTRUCTION
2693 BOTANICAL DRIVE
FITCHBURG, WI 53711

Project Status

2025.07.21 | PLAN COMMISSION

PROJ. #: 24134-01

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ARCHITECTURE 2025

**EXTERIOR
RENDERING**

A702



D

C

B

A

GIGI'S FITCHBURG
NEW CONSTRUCTION
2693 BOTANICAL DRIVE
FITCHBURG, WI 53711

Project Status

2025.07.21 | PLAN COMMISSION

PROJ. #: 24134-01

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ARCHITECTURE 2025

**EXTERIOR
RENDERING**

A703



D

C

B

A

GIGI'S FITCHBURG
NEW CONSTRUCTION
2693 BOTANICAL DRIVE
FITCHBURG, WI 53711

Project Status

2025.07.21 | PLAN COMMISSION

PROJ. #: 24134-01

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ARCHITECTURE 2025

**EXTERIOR
RENDERING**

A704



D

C

B

A



GIGI'S FITCHBURG
NEW CONSTRUCTION
2693 BOTANICAL DRIVE
FITCHBURG, WI 53711

Project Status

2025.07.21	PLAN COMMISSION

PROJ. #: 24134-01
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EXTERIOR RENDERING

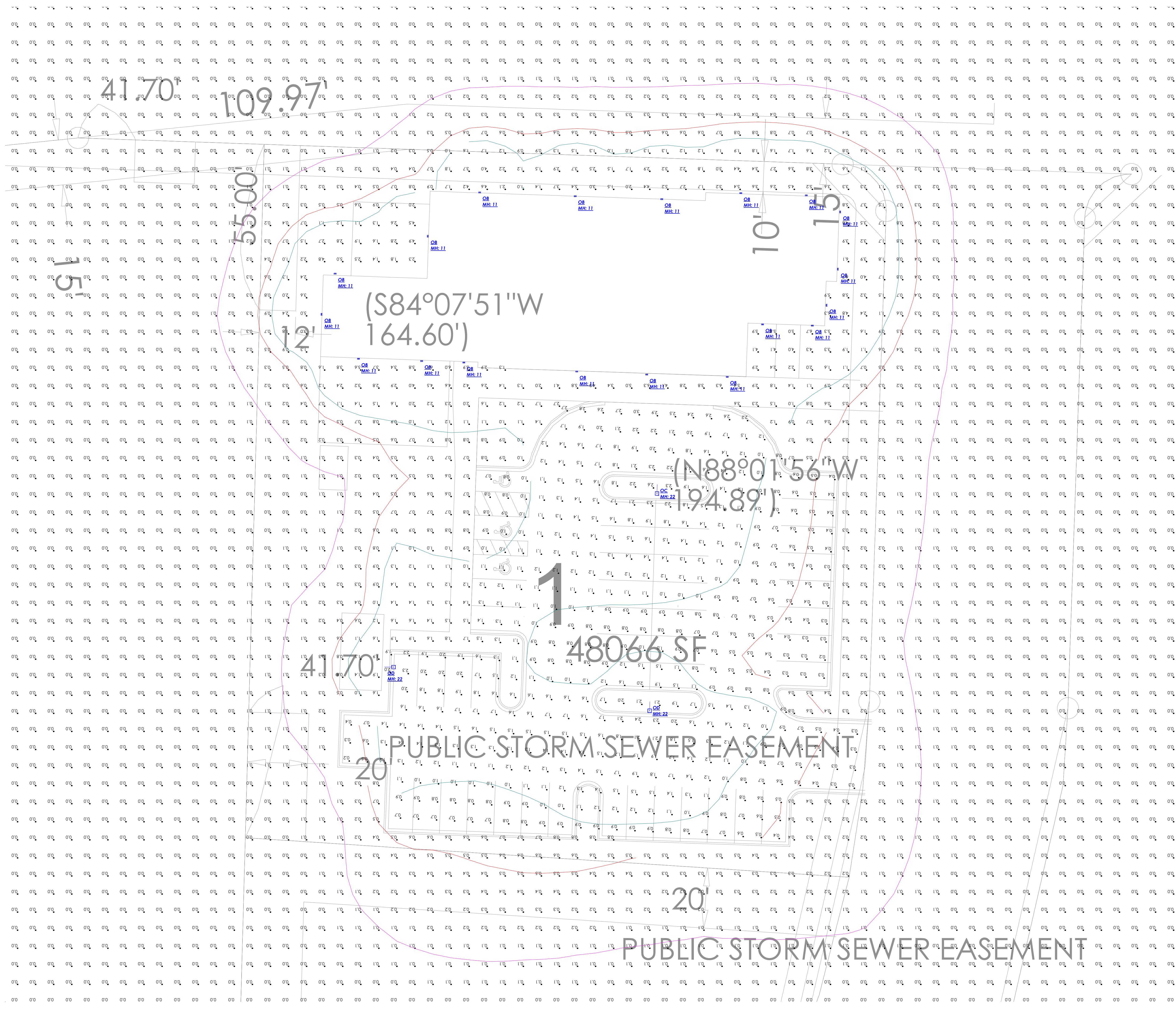
A705

D

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Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PARKING	illuminance	Fc	1.19	3.0	0.2	5.95	15.00
SITE	illuminance	Fc	0.15	6.7	0.0	N.A.	N.A.

Luminaire Schedule									
Symbol	Qty	Label	Manufacturer	Description	Arrangement	Lum. Lumens	Lum. Watts	LLF	
□	19	OB	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	AXCS1A-AP	Single	1806	13.5	0.900	
—□	1	OC	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	PRV-PA2A-740-U-5WQ	Single	16281	112	0.900	
—□	2	OD	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	PRV-PA1B-740-U-T4W	Single	9738	74	0.900	

- Standard Reflectance of 80/50/20 unless noted otherwise
- Not a Construction Document, for Design purposes only
- Standard indoor calc points @ 30" A.F.F. unless noted otherwise
- Standard outdoor calc points @ Grade unless noted otherwise
- Egress calc points @ 0" A.F.F.
- Mlazgar Associates assumes no responsibility for installed light levels due to field conditions, etc.

#	Date	Comments
Revisions		

RLMA Project #: 163891
 Drawn By: EP
 Date: 7/18/2025
 Scale: 1" = 15' 0"

Project		Catalog #		Type	
Prepared by		Notes		Date	



Lumark

Axcent

Wall Mount Luminaire

Product Features



Product Certifications



Interactive Menu

- Ordering Information [page 2](#)
- Mounting Details [page 3](#)
- Product Specifications [page 4](#)
- Energy and Performance Data [page 4](#)
- Control Options [page 6](#)

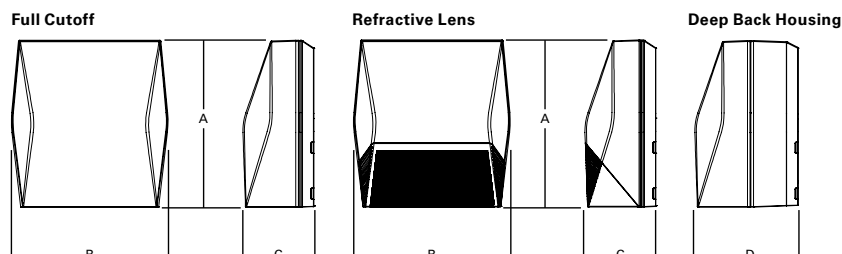
Quick Facts

- Available in 14W - 116W (1,800 - 16,000 lumens) models
- Full cutoff and refractive lens models available
- Energy and maintenance savings up to 95% compared to HID
- Energy efficient illumination results in up to 144 LPW
- Replaces 70W up to 450W HID equivalents

Connected Systems

- WaveLinx PRO Wireless
- WaveLinx LITE Wireless
- Enlighted

Dimensional Details



Dimensional Data

	AXCS Small	AXCL Large
A	8" [202mm]	11-1/2" [292mm]
B	7-1/2" [190mm]	10-3/4" [273mm]
C	3-5/8" [94mm]	4-7/8" [124mm]
D	6-1/8" [155mm]	7-1/8" [181mm]

Ordering Information

SAMPLE NUMBER: AXCS1A-AP-347V

Domestic Preferences ²⁷	Model Series ¹	LED Color Temperature	Color	Options (Add as Suffix)
[Blank] =Standard BAA =Buy American Act TAA =Trade Agreements Act	Full Cutoff AXCS1A=14W AXCS2A=21W AXCS3A=27W AXCS4A=44W AXCS5A=52W AXCL6A=50W AXCL8A=66W AXCL10A=89W AXCL12A=116W Refractive Lens AXCS1ARL=14W AXCS2ARL=21W AXCS3ARL=27W AXCS4ARL=44W AXCS5ARL=52W AXCL6ARL=50W AXCL8ARL=66W AXCL10ARL=89W AXCL12ARL=116W	[Blank] =4000K, Neutral C=5000K, Cool W=3000K, Warm	[Blank] =Carbon Bronze (Standard) WT=Summit White BK=Black AP=Grey GM=Graphite Metallic DP=Dark Platinum	347V=347V ² 480V=480V ² PC1=Photocontrol 120V ^{3,4,5} PC2=Photocontrol 208-277V, 347V, 480V ^{4,5,6} PC=Photocontrol 120-277V, 347V, 480V ^{4,7,8} KKIT=Knuckle Floodlight Mount ⁷ TRNKIT=Trunnion Floodlight Mount SFKIT=Slipfitter Floodlight Mount PMAKIT=Pole Mount Arm WPS2XX=Wavelinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting Height ^{4,9,10,11} WPS4XX=Wavelinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting Height ^{4,9,10,11} WLS2XX=WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting ^{4,9,10,11} WLS4XX=WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting ^{4,9,10,11} LWR-LW=Enlighted Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ^{4,9,12} LWR-LN=Enlighted Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height ^{4,9,12} MSP/DIM-L12=Integrated Sensor for Dimming Operation, 8' - 12' Mounting Height ^{4,9,13} MSP/DIM-L30=Integrated Sensor for Dimming Operation, 12' - 30' Mounting Height ^{4,9,13} MSP-L12=Integrated Sensor for ON/OFF Operation, 8' - 12' Mounting Height ^{4,9,13} MSP-L30=Integrated Sensor for ON/OFF Operation, 12' - 30' Mounting Height ^{4,9,13} CBP=Cold Weather Battery Pack ^{3,14,15,16,17,18} CBP-CEC=Cold Weather Battery Pack, CEC compliant ^{3,14,15,16,17,18} 10K=10kV/10kA Surge Protection HA=50°C High Ambient ^{15,19} GRF=Glare Reducing Lens ²⁰ AHD145=After Hours Dim, 5 Hours ^{5,21} AHD245=After Hours Dim, 6 Hours ^{5,21} AHD255=After Hours Dim, 7 Hours ^{5,21} AHD355=After Hours Dim, 8 Hours ^{5,21}

Accessories (Order Separately)^{22,28}

VS/AXCS-XX=Vandal Shield Axcent Small^{7,23}
VS/AXCS-MS=Vandal Shield Axcent Small (With Motion Sensor)^{7,23}
WG/AXCS=Wire Guard Axcent Small⁷
WG/AXCS-MS=Wire Guard Axcent Small (With Motion Sensor)⁷
VS/AXCL-XX=Vandal Shield Axcent Large^{5,23}
VS/AXCL-MS=Vandal Shield Axcent (With Motion Sensor)^{5,23}
WG/AXCL=Wire Guard Axcent Large⁵
WG/AXCL-MS=Wire Guard Axcent (With Motion Sensor)⁵
BB/AXC=Axcent Lumen Select Back Box, Carbon Bronze²⁴
BB/AXC-PC=Axcent Lumen Select Back Box with PC, Carbon Bronze^{24,25}
BB/AXC-WT=Axcent Lumen Select Back Box, Summit White²⁴
BB/AXC-WT-PC=Axcent Lumen Select Back Box with PC, Summit White^{24,25}

KKIT/AXCS-XX=Knuckle and Visor Floodlight Kit (For Axcent Small)⁷
SFKIT/AXCS-XX=Slipfitter Floodlight Kit (For Axcent Small)⁷
TRNKIT/AXCS-XX=Trunnion and Visor Floodlight Kit (For Axcent Small)⁷
TRNKIT-XX=Trunnion Floodlight Kit (For Axcent Large)⁵
SFKIT-XX=Slipfitter Floodlight Kit (For Axcent Large)⁵
PMAKIT-XX=Pole Mount Kit
ISHH-01=Integrated Sensor Programming Remote²⁶
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
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

- NOTES:**
- DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
 - Transformer used only when ordered with motion sensor or AXCS1 through AXCS5 or AXCL6 fixture wattages.
 - Not available in 347 or 480 VAC.
 - Button photocontrol and any motion sensor (MSP or LWR) not offered together.
 - Only available on AXCL6-AXCL12 models.
 - Used with 277, 347, and 480 VAC options.
 - Only available on AXCS1-AXCS5 models.
 - This configuration may contain materials that are not RoHS compliant. Contact your lighting representative for more information.
 - Uses deep back housing.
 - 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).
 - Enlighted wireless sensors are factory installed and require network components LWP-EM-1, LWP-GW-1, and LWP-PoE8 in appropriate quantities. See website for application information.
 - The ISHH-01 accessory is required to adjust parameters.
 - Ambient operating temperature -20°C to 25°C for AXCL6 through AXCL10. Ambient operating temperature -20°C to 30°C on AXCS4 models. Ambient operating temperature -20°C to 40°C on AXCS1 through AXCS3 models.
 - Not available with AXCS5 or AXCL12 models.
 - Uses deep back housing for AXCS1, AXCL2, AXCS3, and AXCS4 models.
 - Not to be mounted in upwards / inverted orientation. Downlight wall mount only for AXCS1 through AXCS4.
 - CBP cannot be used with PC and motion sensor (MSP or LWR). CBP can be used with PC or motion sensor (MSP or LWR).
 - Can not be ordered with CBP or PC options.
 - Use dedicated IES files on product website for lumen values and distributions.
 - Requires the use of PC1 or PC2 button photocontrol. See After Hours Dim supplemental guide for additional information.
 - Replace XX with color designation.
 - For use with full cutoff lens configurations only.
 - Lumen Select functionality not available in conjunction with any motion sensor option (MSP or LWR). Photocontrol back box not available with any photocontrol or motion sensor options (PC, MSP or LWR).
 - Photocell only operates at 120-277V input voltages. Not for use with 347 or 480V systems.
 - This tool enables adjustment to parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative for more 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](#) website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
 - Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

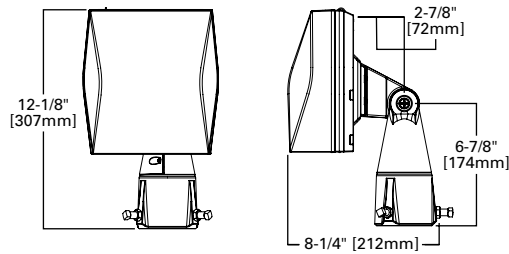
Stock Ordering Information

Model Series ¹			
Full Cutoff		Refractive Lens	
AXCS1A=14W	AXCL10A=102W	AXCS1ARL=14W	AXCL10ARL=89W
AXCS2A=21W	AXCL12A=123W	AXCS2ARL=21W	AXCL12ARL=116W
AXCS3A=27W	AXCL6A-347V=50W	AXCS3ARL=27W	AXCL6ARL-347V=50W
AXCS4A=44W	AXCL8A-347V=66W	AXCS4ARL=44W	AXCL8ARL-347V=66W
AXCS5A=52W	AXCL10A-347V=89W	AXCS5ARL=52W	AXCL10ARL-347V=89W
AXCL6A=56W	AXCL12A-347V=116W	AXCL6ARL=50W	AXCL12ARL-347V=116W
AXCL8A=72W		AXCL8ARL=66W	

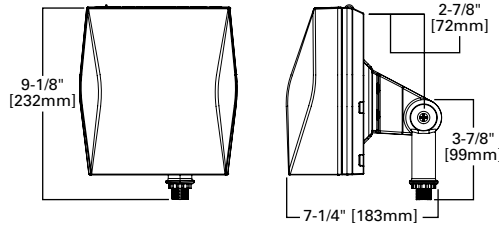
Note: All stock configurations are 4000K color temperatures, standard Carbon Bronze finish, and wall mount configuration.

Mounting Details

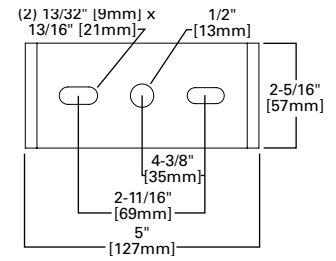
Slipfitter Mount (Small)
Tenon OD: 2-3/8" | EPA: 0.60



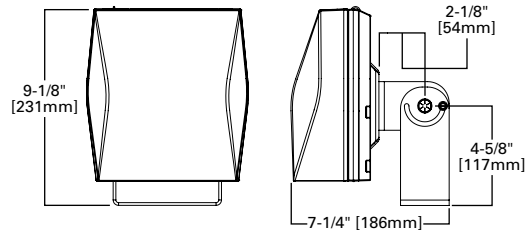
Knuckle Mount (Small)



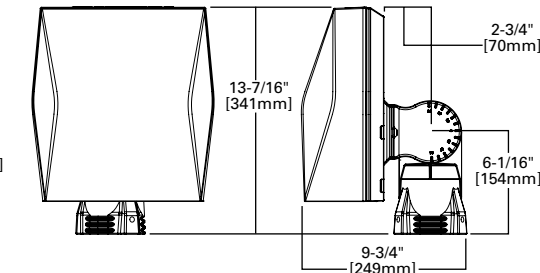
Trunnion Mount Detail



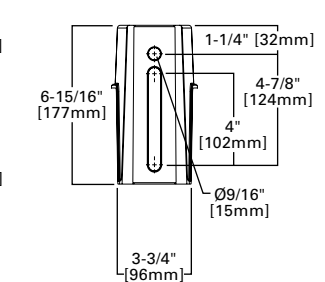
Trunnion Mount (Small)



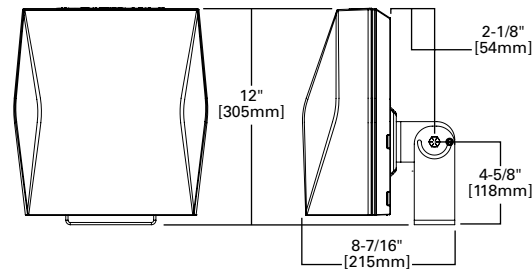
Slipfitter Mount (Large)
Tenon OD: 2-3/8" to 2-7/8" | EPA: 1.10



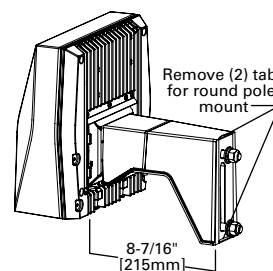
Pole Mount Arm Drill Pattern



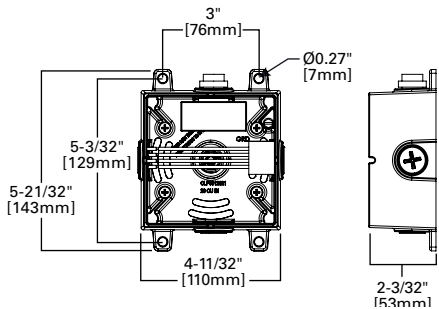
Trunnion Mount (Large)



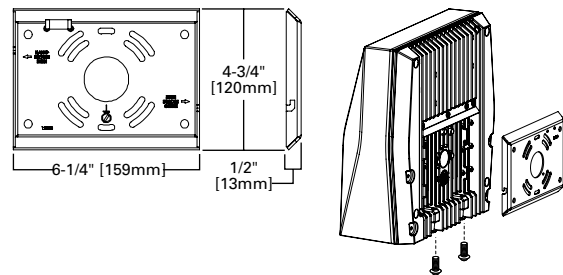
Pole Mount Arm (Large)
EPA: 1.10



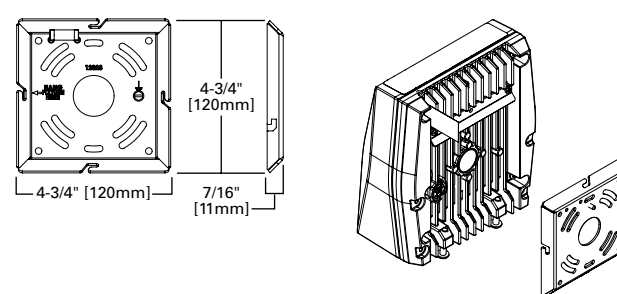
Lumen Select Back Box



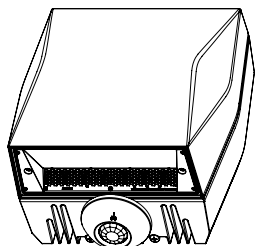
Wall Mount Plate Detail (Large)



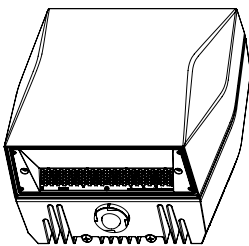
Wall Mount Plate Detail (Small)



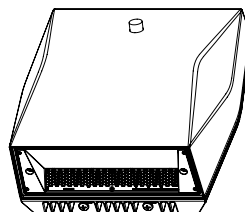
Enlighted Sensor



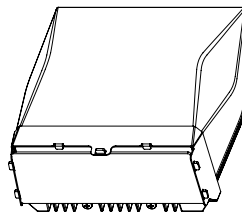
Occupancy Sensor



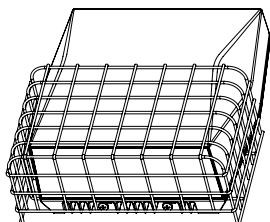
Button Photocontrol



Vandal Shield



Wire Guard



Product Specifications

Construction

- Die-cast aluminum housing
- External back fin design extracts heat from the surface to thermally optimize design for longer luminaire life

Optics

- Dark Sky Approved (Fixed mount, Full cutoff, and 3000K CCT only)
- Silicone-sealed optical LED chamber
- Acrylic refractive or full cutoff lens options for Type IV distributions

Electrical

- Standard universal voltage (120-277V, 50/60Hz)
- Driver incorporates 6kV surge protection
- -40°C minimum operating temperature
- 40°C maximum operating temperature
- <20% total harmonic distortion

- 0-10V dimming driver is standard with leads external to the fixture

Mounting

- Steel wedge mounting plate fits directly to 4" standard j-box or directly to wall with the "Hook-N-Lock" mechanism
- Stainless steel set screws
- Lumen Select Back Box accessory offers four 1/2" NPT conduit entry wire ways. Resistor Pack combinations allow field-dimming of 75% or 50% when connected to luminaire dimming leads
- Not suitable for indoor use when installed in inverted/uplight orientation

Emergency Egress

- Optional integral cold weather battery emergency egress includes emergency operation test switch, an AC-ON indicator light and a premium, maintenance-free battery pack

- The separate emergency lighting LEDs are wired to provide redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting

Finish

- Five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness

Shipping Data

- Small fixture=5 lbs. [2.36 kgs.]
- Small with sensor or CBP=10 lbs. [4.40 kgs.]
- Large fixture=12 lbs. [5.45 kgs.]
- Large with sensor or CBP=17 lbs. [7.73 kgs.]
- Large with sensor & CBP=21 lbs. [9.54 kgs.]

Warranty

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

Energy and Performance Data

Power and Lumens (Axcent Small)

Light Engine		AXCS1A	AXCS2A	AXCS3A	AXCS4A	AXCS5A
Power (Watts)		14	21	27	44	52
Input Current @ 120V (A)		0.12	0.18	0.23	0.37	0.43
Input Current @ 240V (A)		0.06	0.09	0.11	0.18	0.22
Input Current @ 277V (A)		0.05	0.08	0.10	0.16	0.19
Input Current @ 347V (A)		0.04	0.06	0.08	0.13	0.15
Input Current @ 480V (A)		0.03	0.04	0.06	0.09	0.11
Configuration						
Full Cutoff	4000K/5000K Lumens	1,806	2,561	3,537	5,520	6,300
	3000K Lumens	1,526	2,164	2,989	4,665	5,324
	BUG Rating	B1-U0-G0	B1-U0-G0	B1-U0-G0	B2-U0-G1	B2-U0-G1
Refractive Lens	4000K/5000K Lumens	1,915	2,716	3,704	5,858	6,699
	3000K Lumens	1,618	2,295	3,130	4,950	5,661
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U4-G3	B1-U4-G3

Power and Lumens (Axcent Large)

Light Engine		AXCL6A	AXCL8A	AXCL10A	AXCL12A
Power (Watts)		50	66	89	115
Input Current @ 120V (A)		0.41	0.54	0.74	0.96
Input Current @ 240V (A)		0.21	0.27	0.37	0.48
Input Current @ 277V (A)		0.18	0.24	0.32	0.42
Input Current @ 347V (A)		0.14	0.19	0.26	0.33
Input Current @ 480V (A)		0.10	0.14	0.19	0.24
Configuration					
Full Cutoff	4000K Lumens	7,594	9,716	12,719	16,302
	5000K Rating	7,501	9,598	12,564	16,103
	3000K Lumens	6,502	8,319	10,890	13,958
	BUG Rating	B2-U0-G1	B2-U0-G2	B3-U0-G2	B3-U0-G2
Refractive Lens	4000K Lumens	7,809	10,331	13,665	16,637
	5000K Rating	7,714	10,205	13,498	16,434
	3000K Lumens	6,686	8,845	11,700	14,244
	BUG Rating	B1-U4-G4	B2-U5-G5	B2-U5-G5	B2-U5-G5

Energy and Performance Data

Power and Lumens (Small + CBP)

Light Engine		AXCS1A	AXCS2A	AXCS3A	AXCS4A
Power (Watts)		18	25	31	48
Input Current @ 120V (A)		0.15	0.21	0.26	0.40
Input Current @ 240V (A)		0.08	0.11	0.13	0.20
Input Current @ 277V (A)		0.07	0.09	0.11	0.18
Configuration					
Full Cutoff	4000K/5000K Lumens	629	587	647	570
	3000K Lumens	531	496	547	482
Refractive Lens	4000K/5000K Lumens	667	623	686	605
	3000K Lumens	563	526	580	511

Note: Power and current based on full power consumption while CBP is charging. Lumen outputs are while operating in emergency mode only.

Power and Lumens (Large + CBP)

Light Engine		AXCL6A	AXCL8A	AXCL10A
Power (Watts)		54	70	93
Input Current @ 120V (A)		0.45	0.58	0.77
Input Current @ 240V (A)		0.22	0.29	0.38
Input Current @ 277V (A)		0.19	0.25	0.33
Configuration				
Full Cutoff	4000K/5000K Lumens	=141*10W=1410		
	3000K Lumens	122*10=1220		
Refractive Lens	4000K/5000K Lumens	151*10=1510		
	3000K Lumens	131*10=1310		

Note: Power and current based on full power consumption while CBP is charging. Lumen outputs are while operating in emergency mode only.

Power and Lumens Multipliers
(Lumen Select Back Box + Axcent Small)

Configuration		~75% Nominal Output	~50% Nominal Output
Catalog Number	Material Number	Connect per Installation Instructions	
AXCS1A*	13109741 or 13109939 or Other	74%	50%
AXCS2A*	13109698 or 13109938 or Other	74%	50%
AXCS3A*	13109697 or 13109937 or Other	74%	50%
AXCS4A*	13109695 or 13109936	75%	40%
AXCS4A*	13495299 or 13495470 or Other	72%	50%
AXCS5A*	13109652 or 13109935	75%	40%
AXCS5A*	13495471 or 13495472 or Other	72%	50%

Power and Lumens Multipliers
(Lumen Select Back Box + Axcent Large)

Configuration		~75% Nominal Output	~50% Nominal Output
Catalog Number	Material Number	Connect per Installation Instructions	
AXCL6A*	13645910 or 13645979	69%	47%
AXCL8A*	13645970 or 13645984	69%	47%
AXCL10A*	13645971 or 13645989	69%	47%
AXCL12A*	13645972 & 13645993	72%	49%

Lumen Maintenance (Axcent Small)

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	Theoretical L70 (Hours)
Up to 3A		
25°C	90%	246,000
40°C	90%	225,000
50°C	89%	195,000
Up to 5A		
25°C	89%	240,000
40°C	88%	223,000
50°C	87%	186,000

Lumen Maintenance (Axcent Large)

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	Theoretical L70 (Hours)
Up to 8A		
25°C	89%	216,000
40°C	87%	192,000
50°C	86%	179,000
Up to 10A		
25°C	88%	199,000
40°C	86%	179,000
50°C	85%	162,000
Up to 12A		
25°C	85%	162,000
40°C	82%	138,000

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.97

Control Options

0-10V This fixture is offered standard with 0-10V dimming driver(s) for use with a lighting control panel or other control method.

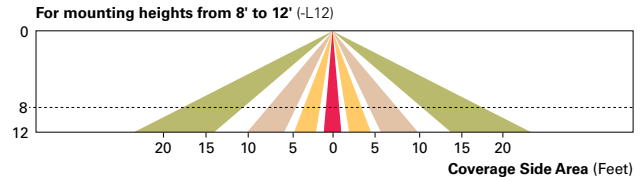
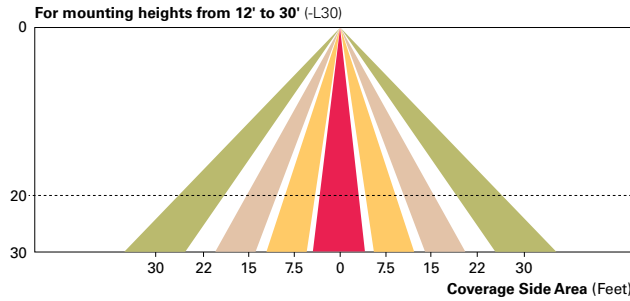
Photocontrol (PC1, PC2 and PC) Optional button-type photocontrol provides a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels.

After Hours Dim (AHD) This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Occupancy Sensor (MSP/DIM-LXX and MSP-LXX) These sensors are factory installed in the luminaire housing. When the MSP/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MSP/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of ten minutes. The MSP-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity.

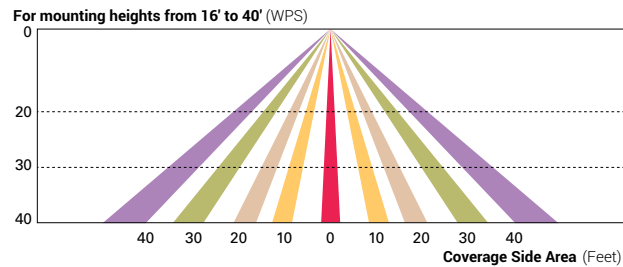
These occupancy sensors includes an integrated photocell that can be activated with the ISHH-01 accessory for "dusk-to-dawn" control or daylight harvesting - the factory preset is ON. The ISHH-01 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-30'.

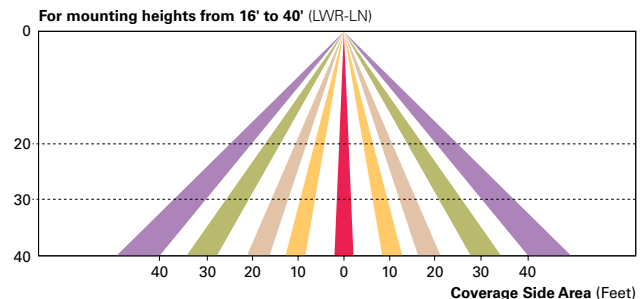
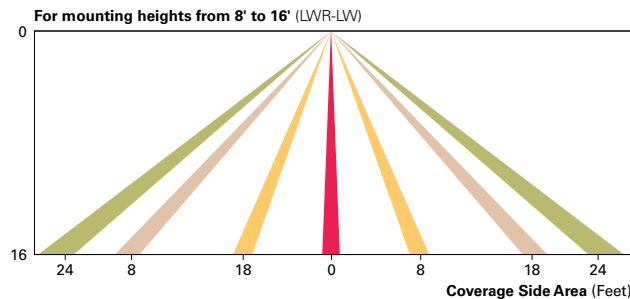


WaveLinx Wireless Control and Monitoring System The WaveLinx Outdoor control platform operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. Use the WaveLinx Mobile application for set-up and configuration. At least one Wireless Area Controller (WAC) is required for full functionality and remote communication (including adjustment of any factory pre-sets).

WaveLinx Wireless Sensor (WPS2 and WPS4) These outdoor sensors offer passive infrared (PIR) occupancy 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. These occupancy sensors include an integral photocell for "dusk-to-dawn" control or daylight harvesting that is factory-enabled. A variety of sensor lenses are available to optimize the coverage pattern for mounting heights from 7'-40'.



Enlighted Wireless Control and Monitoring System (LWR-LW and LWR-LN) The Enlighted System is a connected lighting solution that combines LED luminaires with an integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of other resources beyond lighting.



Project		Catalog #		Type	
Prepared by		Notes		Date	



Lumark

Prevail Discrete 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](#)
- Control Options [page 8](#)

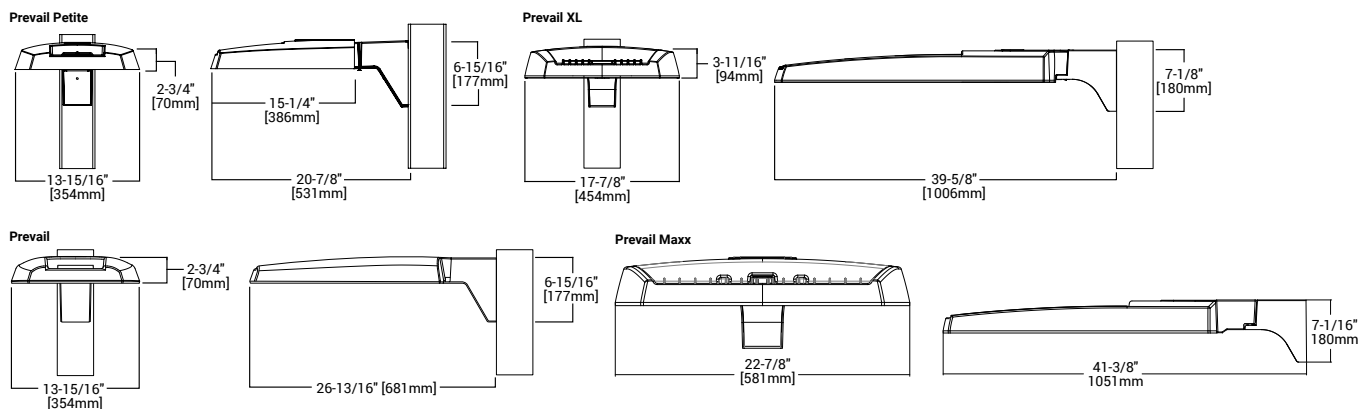
Quick Facts

- Direct-mounted discrete light engine for improved optical uniformity and visual comfort
- Lumen packages range from 4,300 - 68,000 nominal lumens (30W - 550W)
- Replaces 70W up to 1,000W HID equivalents
- Efficacies up to 157 lumens per watt
- 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-PA4B-740-U-T4W-BZ

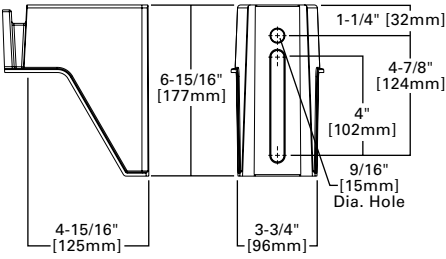
Product Family ^{1,2}	Light Engine		Color Temperature	Voltage	Distribution	Mounting (Included)	Finish					
	Configuration	Drive Current ⁴										
PRV-P =Prevail Petite BAA-PRV-P =Prevail Petite BAA Buy American Act Compliant ³ TAA-PRV-P =Prevail Petite TAA Trade Agreements Act Compliant ³	PA1 =1 Panel, 24 LED Rectangle	A =400mA Nominal B =700mA Nominal C =950mA Nominal D =1200mA Nominal	740 =70CRI, 4000K 730 =70CRI, 3000K 750 =70CRI, 5000K 8540 =85CRI, 4000K	U =Universal, 120-277V H =High Voltage, 347-480V 1=120V 2=208V 3=240V 4=277V 8=480V ⁵ 9=347V DV =DuraVolt, 277-480V ^{5,6}	T2R =Type II Roadway T2U =Type II Urban T3 =Type III T4W =Type IV Wide 5WQ =Type V Square Wide	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}	AP =Grey BZ =Bronze BK =Black DP =Dark Platinum GM =Graphite Metallic WH =White					
PRV =Prevail BAA-PRV =Prevail BAA Buy American Act Compliant ³ TAA-PRV =Prevail TAA Trade Agreements Act Compliant ³	PA1 =1 Panel, 24 LED Rectangle PA2 =2 Panels, 48 LED Rectangles	A =700mA Nominal B =950mA Nominal										
PRV-XL =PRV XL BAA-PRV-XL =Prevail XL BAA Buy American Act Compliant ³ TAA-PRV-XL =Prevail XL TAA Trade Agreements Act Compliant ³	PA3 =3 Panels, 72 LED Rectangles PA4 =4 Panels, 96 LED Rectangles	A =750mA Nominal B =950mA Nominal										
PRV-M =Prevail Maxx BAA-PRV-M =Prevail Maxx BAA Buy American Act Compliant ³ TAA-PRV-M =Prevail Maxx TAA Trade Agreements Act Compliant ³	PA6 = 6 Panels, 144 LED Rectangles	A =600mA Nominal B =800mA Nominal C =1000mA Nominal D =1200mA Nominal										
Options (Add as Suffix)			Accessories (Order Separately) ^{20, 21}									
10K =10kV UL 1449 Fused Surge Protective Device 20MSP =20kV MOV Surge Protective Device 20K =20kV UL 1449 Fused Surge Protective Device F =Single Fuse (Used with Voltages 120, 277 or 347V) FF =Double Fuse (Used with Voltages 208, 240 or 480V) FADC =Field Adjustable Dimming Controller ³⁰ L90 =Optics Rotated 90° Left R90 =Optics Rotated 90° Right CC =Coastal Construction finish ⁹ HSS =House Side Shield (Factory Installed) ⁷ HA =50°C High Ambient Temperature ⁸ PR =NEMA 3-PIN Twistlock Photocontrol Receptacle ¹⁰ PR7 =NEMA 7-PIN Twistlock Photocontrol Receptacle ¹⁰ MS/DIM-L08 =Motion Sensor for Dimming Operation, Up to 8' Mounting Height ^{11, 12, 13} MS/DIM-L20 =Motion Sensor for Dimming Operation, 9' - 20' Mounting Height ^{11, 12, 13} MS/DIM-L40 =Motion Sensor for Dimming Operation, 21' - 40' Mounting Height ^{11, 12, 13} SPB1 =Motion Sensor for Dimming Operation, BLE Interface, Up to 8' Mounting Height ^{11, 14} SPB2 =Motion Sensor for Dimming Operation, BLE Interface, 8' - 20' Mounting Height ^{11, 14, 27, 28} SPB4 =Motion Sensor for Dimming Operation, BLE Interface, 21' - 40' Mounting Height ^{11, 14, 28}			WPS2XX =Wavelinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting Height ^{11, 12, 15, 16, 17} WPS4XX =Wavelinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting Height ^{11, 12, 15, 16, 17} WLS2XX =WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting Height ^{11, 12, 15, 16, 17} WLS4XX =WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting Height ^{11, 12, 15, 16, 17} (See Table Below) =LumenSafe Integrated Network Security Camera ^{18, 19}					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 PRVXLSMA-XX =Mast Arm Mounting Kit ²⁸ PRVXLWM-XX =Wall Mount Kit ²⁸ PRV-XL-ADJA-XX =Adjustable Arm - Pole Mount Kit ²⁸ PRV-XL-ADJA-WM-XX = Adjustable Arm - Wall Mount Kit ²⁸ PRV-XL-ADJS-XX = Adjustable Arm - Slipfitter 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				
NOTES: 1. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 2. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for applications. Refer to installation instructions and pole white paper WPS13001EN for additional support information. 3. 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 www.designlights.org website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. 4. Nominal drive currents shown here. For actual drive current by configuration, refer to Power and Lumens tables. 5. 480V not to be used with ungrounded or impedance grounded systems. 6. 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. 7. House Side Shield not for use with 5WQ distribution. 8. Not available with PATD light engine in Petite housing (PRV-P). 9. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. 10. If High Voltage (H) or DuraVolt (DV) is specified, use a photocontrol that matches the input voltage used. 11. Controls system is not available in combination with a photocontrol receptacle (PR or PR7) or another controls system (MS SPB). 12. Option not available with High Voltage (H) or DuraVolt (DV). Must specify Universal (U), 347V (9), or 480V (8) voltage. 13. Utilizes the Wattstopper sensor FSP-211. Sensor color white unless specified otherwise via PDR. To field-configure, order FSIR-100 accessory separately. 14. 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. 15. Sensor passive infrared (PIR) may be overly sensitive when operating below -20°C (-4°F). 16. In order 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. 17. Replace XX with sensor color (WH, BZ or BK). 18. Only available in PRV-XL configurations. 19. Not available with High Voltage (H, DV, 8 or 9) or HA options. Consult LumenSafe system product pages for additional details and compatibility information. 20. Replace XX with paint color. 21. For BAA or TAA requirements, Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. 22. Not for use with PRV-XL or PRV-M configurations. 23. Only for use with PRV. Not applicable to PRV-M, PRV-XL, or PRV-P. 24. Must order one per optic/LED when ordering as a field-installable accessory (1, 2, 3, 4, or 6). Refer to House Side Shield reference table for details. 25. 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. 26. Requires 7-PIN NEMA twistlock photocontrol receptacle (PR7) option. The WOLC-7 cannot be used in conjunction with other controls systems (MS or LWR). Only for use at 120-347V. 27. Only available for PRV-M configurations. 28. Only for use with PRV-XL. 29. Fixed for PRV-M. 30. Cannot be used with PR7 or other motion response control options.												

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

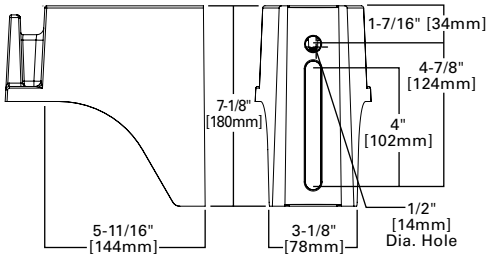
Product Family	Camera Type	Data Backhaul
L =LumenSafe Technology 	H =Dome Camera, High Res Z =Dome Camera, Remote PTZ	C =Cellular, Customer Installed SIM Card A =Cellular, Factory Installed AT&T SIM Card V =Cellular, Factory Installed Verizon SIM Card S =Cellular, Factory Installed Sprint SIM Card E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

Mounting Details

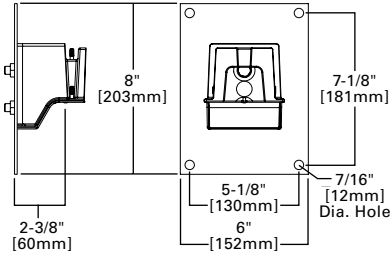
SA=QM Pole Mount Arm (PRV & PRV-P)



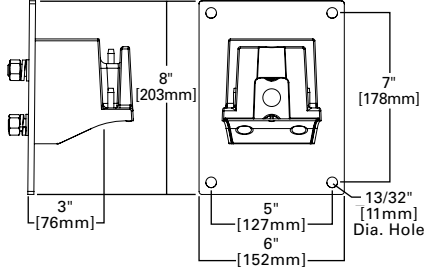
SA=QM Pole Mount Arm (PRV-XL)



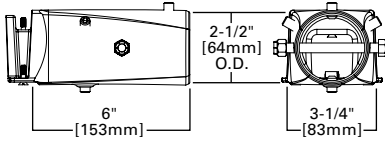
WM=QM Wall Mount Arm (PRV & PRV-P)



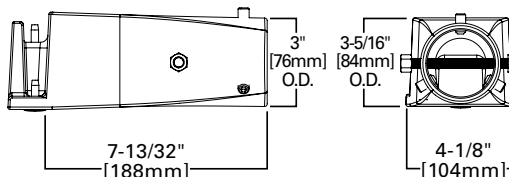
WM=QM Wall Mount Arm (PRV-XL)



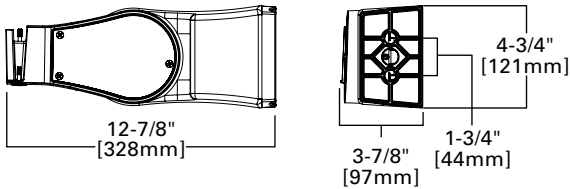
MA=QM Mast Arm (PRV & PRV-P)



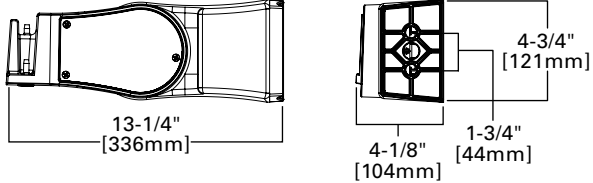
MA=QM Mast Arm (PRV-XL)



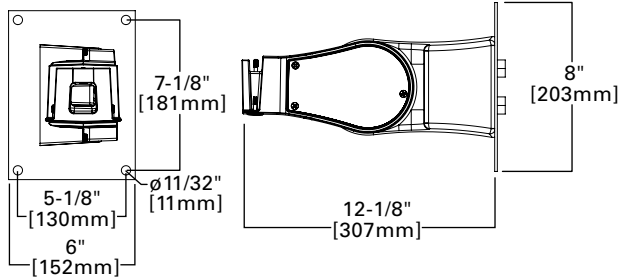
ADJA=Adjustable Arm Pole Mount (PRV & PRV-P)



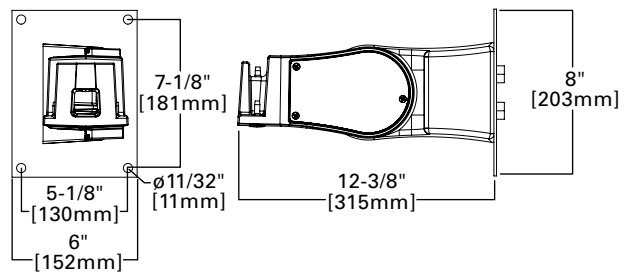
ADJA=Adjustable Arm Pole Mount (PRV-XL)



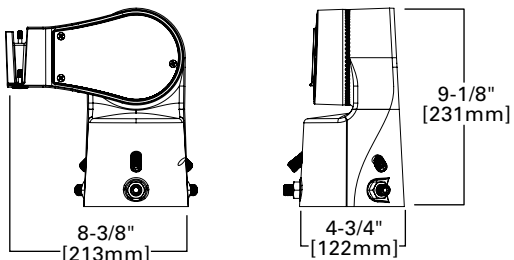
ADJA-WM=Adjustable Arm Wall Mount (PRV & PRV-P)



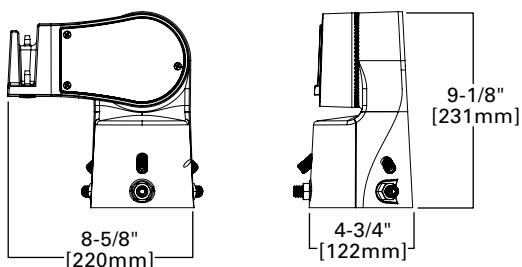
ADJA-WM=Adjustable Arm Wall Mount (PRV-XL)



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

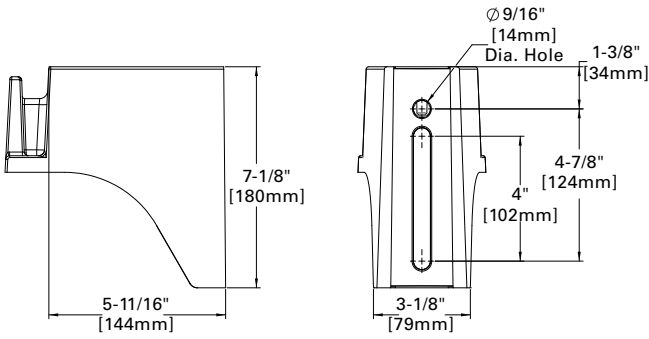


ADJS=Adjustable Slipfitter 3 (PRV-XL)

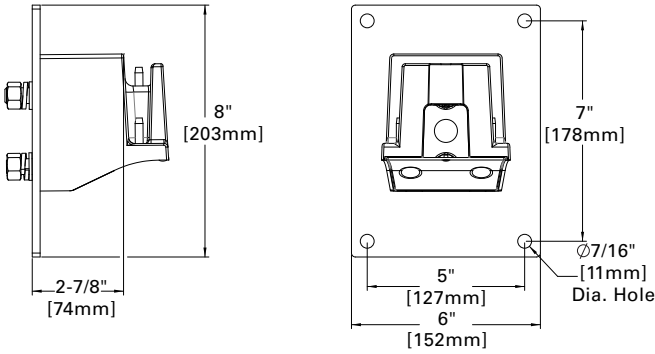


Mounting Details

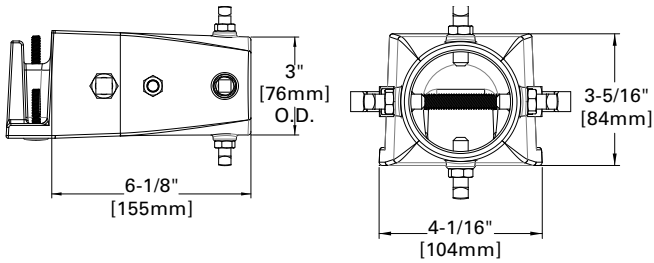
SA=QM Pole Mount Arm (PRV-M)



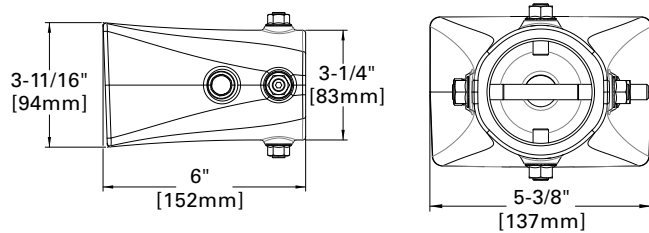
WM=QM Wall Mount Arm (PRV-M)



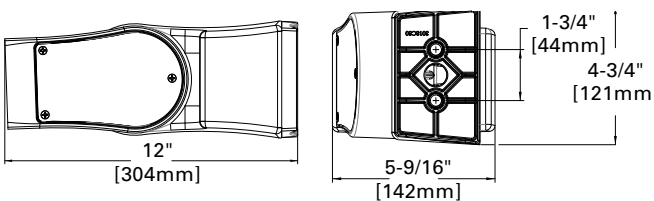
MA=QM Mast Arm (PRV-M)



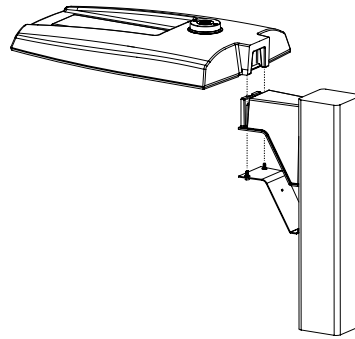
FMA=Fixed Mast Arm (PRV-M)



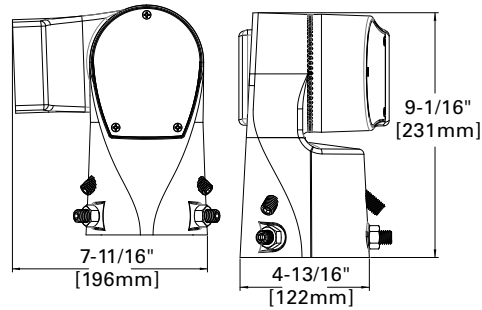
ADJA=Adjustable Pole Mount Arm (PRV-M)



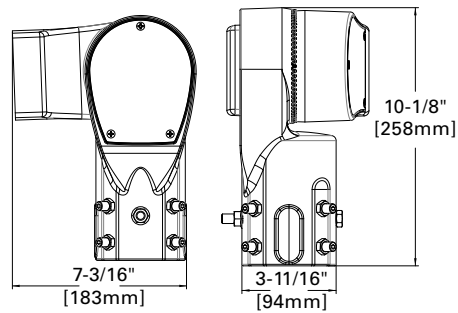
Versatile Mount System



ADJS=Adjustable Slipfitter (PRV-M)



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



Mounting Details

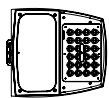
Mounting Configurations and EPAs

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

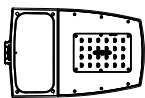
Housing Size	Tilt Angle (Degrees)	Arm Mount Single	Arm Mount 2 @ 180°	Arm Mount 2 @ 90°	Arm Mount 3 @ 90°	Arm Mount 4 @ 90°
Prevail Petite	0°	0.54	1.08	0.84	1.38	1.38
	60°	1.68	1.85	2.42	3.15	3.30
Prevail	0°	0.92	1.35	1.42	1.63	1.63
	60°	2.20	2.40	3.05	3.88	4.07
	60° + Full Drop Visor	2.20	2.40	3.25	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

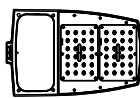
PRV-P-PA1X



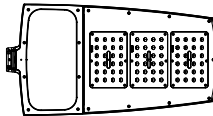
PRV-PA1X



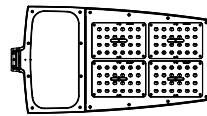
PRV-PA2X



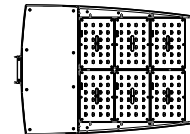
PRV-XL-PA3X



PRV-XL-PA4X

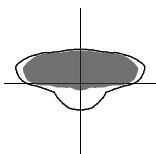


PRV-M-PA6X

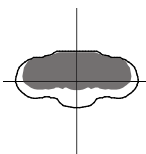


Optical Distributions

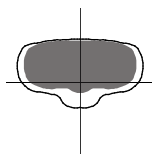
T2R
(Type II Roadway)



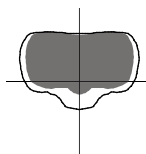
T2U
(Type II Urban)



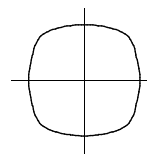
T3
(Type III)



T4W
(Type IV Wide)



5WQ
(Type V Square Wide)



■ = Distribution with House Side Shield (HSS)
□ = Optical Distribution

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
- Prevail and Prevail Petite: 3G vibration rated (all arms)
- Prevail XL Mast Arm: 3G vibration rated

- Prevail XL Standard Arm: 1.5G vibration rated
- Adjustable Arms: 1.5G vibration rated

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)

Typical Applications

- Parking lots, Walkways, Roadways and Building Areas

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

Power and Lumens

[View PRV-P IES files](#)

[View PRV IES files](#)

[View PRV-XL IES files](#)

Product Family	Prevail Petite				Prevail				Prevail XL				Prevail Maxx				
Light Engine	PA1A	PA1B	PA1C	PA1D	PA1A	PA1B	PA2A	PA2B	PA3A	PA3B	PA4A	PA4B	PA6A	PA6B	PA6C	PA6D	
Power (Watts)	31	53	72	93	54	74	113	151	172	234	245	303	274	366	457	544	
Drive Current (mA)	375	670	930	1200	670	930	720	970	750	980	785	970	600	800	1000	1200	
Input Current @ 120V (A)	0.26	0.44	0.60	0.78	0.45	0.62	0.93	1.26	1.44	1.95	2.04	2.53	2.30	3.05	3.83	4.54	
Input Current @ 277V (A)	0.12	0.20	0.28	0.35	0.21	0.28	0.41	0.55	0.62	0.85	0.93	1.12	0.99	1.30	1.62	1.94	
Input Current @ 347V (A)	0.10	0.17	0.23	0.29	0.17	0.23	0.33	0.45	0.52	0.70	0.74	0.90	0.78	1.05	1.32	1.60	
Input Current @ 480V (A)	0.07	0.13	0.17	0.22	0.12	0.17	0.24	0.33	0.39	0.52	0.53	0.65	0.58	0.76	0.95	1.14	
Distribution																	
Type II Roadway	4000K/5000K Lumens	4,505	7,362	9,495	11,300	7,605	9,896	15,811	19,745	24,718	30,648	34,067	39,689	41,611	52,596	61,921	67,899
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	147	139	132	121	141	134	141	131	144	131	139	131	152	144	135	125
	3000K Lumens ¹	4,103	6,705	8,647	10,291	6,926	9,012	14,399	17,982	22,511	27,912	31,025	36,145	37,896	47,900	56,392	61,837
Type II Roadway w/ HSS	4000K/5000K Lumens	3,727	6,091	7,855	9,349	6,006	7,815	12,487	15,594	19,521	24,204	26,094	31,334	32,874	41,553	48,919	53,642
	BUG Rating	B0-U0-G1	B0-U0-G2	B0-U0-G2	B1-U0-G2	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G4	B1-U0-G4	B2-U0-G4	B2-U0-G4	B2-U0-G5	B2-U0-G5
	Lumens per Watt	121	115	109	100	111	106	111	103	113	103	107	103	120	114	107	99
	3000K Lumens ¹	3,394	5,547	7,154	8,514	5,470	7,117	11,372	14,201	17,778	22,043	24,502	28,545	29,939	37,843	44,552	48,853
Type II Urban	4000K/5000K Lumens	4,496	7,347	9,476	11,277	7,597	9,886	15,795	19,724	24,692	30,616	34,031	39,647	41,372	52,294	61,565	67,509
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4	B4-U0-G4	B4-U0-G4	B4-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	146	139	131	121	141	134	141	131	144	131	139	131	151	143	135	124
	3000K Lumens ¹	4,095	6,691	8,630	10,271	6,919	9,003	14,384	17,963	22,488	27,882	30,992	36,107	37,678	47,625	56,068	61,481
Type II Urban w/ HSS	4000K/5000K Lumens	3,253	5,316	6,856	8,160	5,297	6,893	11,013	13,753	17,217	21,347	23,728	27,644	28,951	36,594	43,082	47,241
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
	Lumens per Watt	106	101	95	87	98	93	97	91	100	91	97	91	106	100	94	87
	3000K Lumens ¹	2,963	4,841	6,244	7,431	4,824	6,277	10,029	12,525	15,680	19,441	21,609	25,176	26,366	33,327	39,235	43,023
Type III	4000K/5000K Lumens	4,443	7,261	9,364	11,145	7,575	9,857	15,749	19,667	24,621	30,527	33,932	39,532	41,155	52,020	61,242	67,155
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	145	138	130	119	140	133	141	130	143	130	138	130	150	142	134	123
	3000K Lumens ¹	4,046	6,612	8,528	10,150	6,899	8,977	14,343	17,911	22,423	27,802	30,903	36,002	37,480	47,375	55,774	61,159
Type III w/ HSS	4000K/5000K Lumens	3,406	5,566	7,179	8,543	5,592	7,277	11,626	14,519	18,176	22,536	25,049	29,183	30,159	38,121	44,879	49,212
	BUG Rating	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G4	B2-U0-G5	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	111	105	100	91	104	98	103	96	106	96	102	96	110	104	98	90
	3000K Lumens ¹	3,102	5,069	6,538	7,781	5,093	6,627	10,588	13,222	16,553	20,524	22,813	26,578	27,466	34,717	40,872	44,818
Type IV Wide	4000K/5000K Lumens	4,348	7,106	9,164	10,906	7,484	9,738	15,560	19,431	24,325	30,161	33,525	39,057	41,207	52,086	61,320	67,240
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	142	135	127	117	139	132	139	129	141	129	137	129	151	142	134	124
	3000K Lumens ¹	3,960	6,471	8,346	9,932	6,816	8,869	14,170	17,696	22,153	27,468	30,531	35,570	37,528	47,435	55,845	61,236
Type IV Wide w/ HSS	4000K/5000K Lumens	3,318	5,422	6,993	8,323	5,420	7,053	11,268	14,072	17,617	24,843	24,279	28,286	30,005	37,926	44,650	48,961
	BUG Rating	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G4	B2-U0-G4	B2-U0-G4	B2-U0-G5	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	108	103	97	89	100	95	100	93	102	106	99	93	110	104	98	90
	3000K Lumens ¹	3,022	4,938	6,369	7,580	4,936	6,423	10,262	12,816	16,044	19,892	22,111	25,760	27,326	34,540	40,664	44,589
Type V Square Wide	4000K/5000K Lumens	4,497	7,349	9,478	11,280	7,831	10,190	16,281	20,332	25,453	31,559	35,079	40,868	42,947	54,285	63,909	70,079
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B3-U0-G2	B4-U0-G3	B4-U0-G3	B5-U0-G3	B5-U0-G4	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	139	131	121	145	138	145	135	148	135	143	135	157	143	136	129
	3000K Lumens ¹	4,095	6,693	8,632	10,273	7,132	9,280	14,827	18,517	23,180	28,741	31,947	37,219	39,112	49,438	58,203	63,822

NOTES:
1. For 3000K or HSS BUG Ratings, refer to published IES files

Energy and Performance Data

House Side Shield Reference Table

Product Family		Prevail	Prevail		Prevail XL		Prevail Maxx
Light Engine		PA1	PA1	PA2	PA3	PA4	PA6
Rotated Optics	Standard	HSS-HP (Qty 1)	HSS-VP (Qty 1)	HSS-HP (Qty 2)	HSS-HP (Qty 3)	HSS-VP (Qty 4)	HSS-HP (Qty 6)
	L90 or R90 option	HSS-VP (Qty 1)	HSS-HP (Qty 1)	HSS-VP (Qty 2)	HSS-VP (Qty 3)	HSS-HP (Qty 4)	HSS-VP (Qty 6)

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

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

FADC Settings

FADC Postion	Percent of Typical Lumen Output
1	25%
2	48%
3	55%
4	62%
5	72%
6	77%
7	82%
8	85%
9	90%
10	100%

Note: +/-5% typical value

Lumen Maintenance

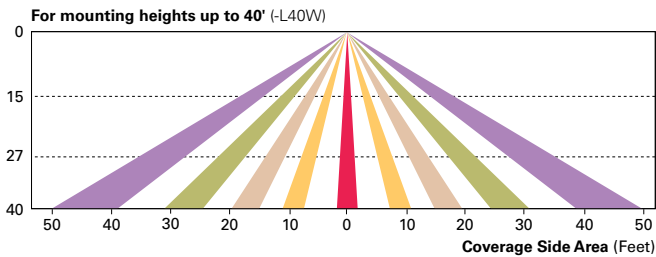
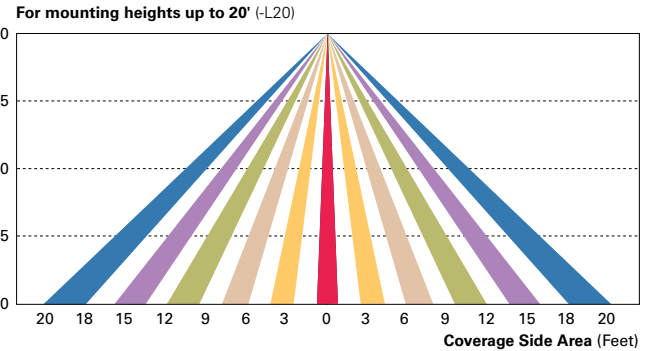
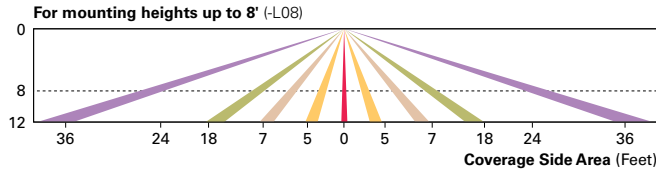
Ambient Temperature	TM-21 Lumen Maintenance (78,000 Hours)	Theoretical L70 (Hours)
Up to 50°C	96.76%	> 896,000

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 receptacle.

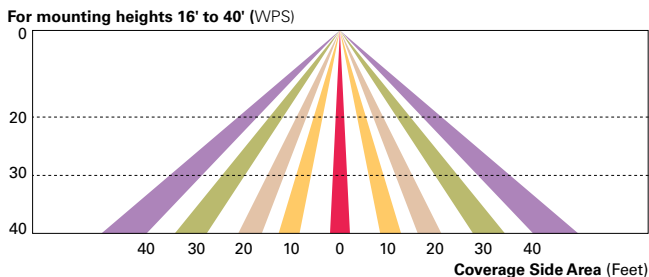
Dimming Occupancy Sensor (SPB, MS/DIM-LXX) These sensors are factory installed in the luminaire housing. When the SPB or MS/DIM sensor options are selected, the luminaire will dim down after five minutes of no activity detected. When activity is detected, the luminaire returns to full light output. These 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 astronomical 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 PRO 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.



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

SIGN PERMIT APPLICATION

Business/Applicant: Sketchworks Architecture / Ross Treichel

Address: 2501 Parmenter Street, Suite 300A Phone: 608-836-7570

Contractor: Supreme Structures, Inc.

Address: 455 S. Junction Road, Madison, WI 53719 Phone: 608-224-0777

Owner of Sign (If not Applicant): _____ Address: _____

No. & Street/Highway where sign will appear: 2693 Botanical Drive

Zoning District PDD-SIP Approx. Distance from Nearest Intersection: 45'

Distance of Sign from Designated Business/Service, Ect: 0'

Sign Information: On-Site OR Off-Site
 Attached OR Detached
 *Temporary OR Permanent
 New Sign OR Replacement
 **Special Permit Needed Yes OR No

***Temporary sign requests must be accompanied by a signed statement that the sign will be displayed for a period of time not exceeding forty-five (45) days.**

****Signs which need special permit approval from the City Council must be accompanied by City Council authorization.**

Size of Sign: 13'-6" Height of Sign: 8'-3" Total Sq. Footage of **Existing** Signs: 0

Height of Sign from Nearest Established Grade (feet): 11'-9"

For elevation where sign is proposed, what is the **area of the building façade** that the business will occupy?: 3,026 sf


Materials to be used in Construction: Metal channel letters with colored acrylic panels.

Will sign be Illuminated?***: Yes Description of Electric Equipment: Internally lit with LEDs.

*****Electric work may require an electrical permit and inspection**

Attachments: Attach a scale drawing of the proposed sign indicating dimensions, colors and wording. Also, please attach a site plan/map indicating where the sign is to be located, surrounding buildings and setbacks. Please also attach written approval from the property owners for the proposed sign.

Additional Applicant Comments: Sign is facing Lacey Road, and is the main identifying sign.

Signature:  Date: 7/21/2025

Zoning Dept. Comments/Conditions: _____

Permit Granted: _____ Permit Denied: _____ Date: _____ Permit No.: _____

Signature of Zoning Official: _____



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Sign Information: On-Site OR _____ Off-Site
 Attached OR _____ Detached
 *Temporary _____ OR Permanent
 New Sign OR _____ Replacement
 **Special Permit Needed ___ Yes OR No

***Temporary sign requests must be accompanied by a signed statement that the sign will be displayed for a period of time not exceeding forty-five (45) days.**

****Signs which need special permit approval from the City Council must be accompanied by City Council authorization.**

Size of Sign: 6'-1" Height of Sign: 4'-1" Total Sq. Footage of **Existing** Signs: 0

Height of Sign from Nearest Established Grade (feet): 10'-0"

For elevation where sign is proposed, what is the **area of the building façade** that the business will occupy?: 3,069 sf


Materials to be used in Construction: Metal channel letters with colored acrylic panels.

Will sign be Illuminated?***: Yes Description of Electric Equipment: Internally lit with LEDs.

*****Electric work may require an electrical permit and inspection**

Attachments: Attach a scale drawing of the proposed sign indicating dimensions, colors and wording. Also, please attach a site plan/map indicating where the sign is to be located, surrounding buildings and setbacks. Please also attach written approval from the property owners for the proposed sign.

Additional Applicant Comments: Sign is facing the parking lot over the main entrance to the building.

Signature:  Date: 7/21/2025

Zoning Dept. Comments/Conditions: _____

Permit Granted: _____ Permit Denied: _____ Date: _____ Permit No.: _____

Signature of Zoning Official: _____

