



Office of the Town Clerk

Town of Brookfield | 645 N. Janacek Road, Brookfield, WI 53045

Office: 262-796-3788 | Clerk@TownofBrookfield.com

MEETING AGENDA

<p>Tuesday, June 4, 2024 7:00pm</p>	<p>Town Board Utility District No. 1 Sanitary District No. 4</p>	<p>Eric Gnant Room TOB Municipal Building 645 N. Janacek Rd., Brookfield, WI</p>
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<u>Item #</u>	<u>Topic</u>	<u>Documents</u>
1.	Call to Order. Membership (5): Chairman Keith Henderson, Supervisors Steve Kohlmann, Ryan Stanelle, John Charlier, and John Schatzman.	
2.	Meeting Notices. Publicly noticed on May 31, 2024.	
3.	Adoption of the Agenda.	
4.	Meeting Minutes: May 21, 2024 Meeting of the TB, UD1, SD4.	X
5.	Citizen Comments. <i>Three minute limit.</i>	
Old Business: None.		
New Business, Including Departments, Boards, Committee / Commission Reports and Recommendations:		
6.	Administrator: Fire Chief Contract & Appointment	X Confidential
	Closed Session Notice: The body may convene into closed session pursuant to Wis. Stat. § 19.85(1)(c) regarding the consideration of employment, promotion, compensation or performance evaluation data of any public employee over which the governmental body has jurisdiction or exercises responsibility regarding: Fire Chief Contract & Appointment.	
7.	Sanitary: Amendment No. 1 to the Agreement for Technical Services for the Poplar Creek Lining Project.	X
8.	Plan Commission: Recommendation for Final Approval for a new warehouse building for Master Spa Warehouse located at 21675 Doral Rd.	X
9.	Clerk: AB-102 Alcohol Beverage License and Permit Transfer Application Acme Group, Inc. d/b/a Prime Cigar Co. Transfer from: 18900 W Bluemound Road, Suite 104 Transfer to: 18900 W Bluemound Road, Suite 148	X

PLEASE NOTE: It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above meetings to gather information. No action will be taken by any governmental body other than that specifically noticed. Also, upon reasonable notice, efforts will be made to accommodate the needs of individuals with disabilities through appropriate aids and services. For additional information or to request such services contact the clerk's office at the above.

<u>Item #</u>	<u>Topic</u>	<u>Documents</u>
10.	Administrator: The Corners – TIF Update Closed Session Notice: The body may convene into closed session pursuant to Wis. Stat. § 19.85(1)(e), deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session, regarding: The Corners – TIF Update.	X Confidential
11.	Treasury: Review of Vouchers and Checks <i>To include poll worker compensation.</i>	X
12.	Communications & Announcements.	
13.	Adjourn.	

Posted May 31, 2024



Deanna Alexander, MPA
Town Clerk, Town of Brookfield



Office of the Town Clerk

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Office: 262-796-3788 | Clerk@TownofBrookfield.com

MEETING MINUTES

Tuesday, May 21, 2024 7pm	Town Board Utility District No. 1 Sanitary District No. 4	Eric Gnant Room TOB Municipal Building 645 N. Janacek Rd., Brookfield, WI
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Item # Topic

1. Call to Order: The meeting was called to order at 7:00pm.
Membership Present: Chairman Keith Henderson, Supervisors Steve Kohlmann, Ryan Stanelle, John Charlier, and John Schatzman. A quorum was met 5-0.
2. Meeting Notices. The meeting was publicly noticed on May 16, 2024 and as updated on May 20, 2024.
3. Adoption of the Agenda.
Motion by Schatzman to approve the agenda; seconded by Stanelle.
Motion prevailed by a voice vote of 5-0.
4. Meeting Minutes:
May 7, 2024 Meeting of the TB, UD1, SD4.
Motion by Stanelle to approve the May 7, 2024 meeting minutes as submitted; seconded by Charlier.
Motion prevailed by a voice vote of 5-0.
5. Citizen Comments. *No members of the public requested to speak.*

Old Business:

6. Operator's License Review:
Consideration of an appeal by Jamie Vretenar on March 12, 2024 license denial.
This item was laid on the table at the May 7, 2024 meeting.
Motion by Kohlmann to deny the appeal by Jamie Vretenar on Operator's License denial; seconded by Charlier. Motion prevailed by a voice vote (5-0).
7. Appointments: Town Committees, Commissions, and Boards.
Motion by Henderson to approve committee appointments as presented; seconded by Charlier.
Motion prevailed by a voice vote (5-0).

New Business: None.

Departments, Boards, Committee / Commission Reports and Recommendations:

8. Treasury: **Review of Vouchers and Checks.**
Motion by Kohlmann to approve vouchers and checks as presented; seconded by Charlier.
Motion prevailed by a voice vote (5-0).
9. Communications and Announcements.
 - Brief discussion of broadband internet services.
 - On May 22nd at 430pm the DOT will be presenting on the Hwy 59 repaving in 2028.
10. Adjourn

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Motion by Stanelle to adjourn; seconded by Kohlmann.
Motion prevailed by a voice vote (5-0) and concluded at 7:19pm.

Draft Minutes Submitted May 31, 2024

Deanna Alexander

Deanna Alexander, MPA
Town Clerk, Town of Brookfield

DRAFT



Memo

To: All Fire Department Employees
From: Tom Hagie, Town Administrator
Date: May 15, 2024
Re: Fire Chief Appointment

To All Fire Department Employees,

As you are all aware, Chief Andy Smerz intends to retire at the end of June. Over the last few months, the Town Police and Fire Commission (PFC) has been diligently searching for a successor to Chief Smerz. Through these efforts, the PFC has selected John-Paul Schilling as the new Fire Chief for the Town of Brookfield. Chief Schilling has 35 years of experience in the fire field, with 15 years of those years in the Fire Chief capacity. Chief Schilling is to be sworn in at the June 4, 2024 Town Board meeting. You may also meet him in the weeks leading up to the June 4 meeting as he intends to meet with Chief Smerz and tour the Fire Department prior to his appointment. Please join me in welcoming Chief Schilling to the Town of Brookfield Team!

Thank you,

Tom Hagie
Town Administrator

Clerk's Note for June 4, 2024 meeting: The Town Board members will be provided the proposed Fire Chief Contract under separate cover as a confidential document until a final version is approved.



NFS TO OWNER

Strand Associates, Inc.®
910 West Wingra Drive
Madison, WI 53715
(P) 608.251.4843
www.strand.com

Amendment No. 1 to Task Order No. 23-02
Town of Brookfield, Wisconsin, Sanitary District No. 4 (OWNER)
and Strand Associates, Inc.® (ENGINEER)
Pursuant to Agreement for Technical Services dated May 22, 2023

This is Amendment No. 1 to the referenced Task Order.

Services Name: Poplar Creek Interceptor Lining Construction-Related Services

Under Scope of Services, Construction-Related Services,

Item No. 1.e., CHANGE two to "nine."

Item No. 3, CHANGE 150 to "225" and 15 to "22."

ADD the following:

"4. Provide two of ENGINEER's personnel for one day to stake up to ten easements and private property lines. Additional iterations of staking will be considered additional services."

Under Compensation, CHANGE \$68,000 to "\$98,700."

Under Schedule, CHANGE May 31, 2024, to "August 30, 2024."

TASK ORDER AMENDMENT AUTHORIZATION AND ACCEPTANCE:

ENGINEER:

OWNER:

STRAND ASSOCIATES, INC.®

TOWN OF BROOKFIELD
SANITARY DISTRICT NO. 4

NOT FOR SIGNATURE

Joseph M. Bunker
Corporate Secretary

Date

Tom Hagie, P.E.
Town Administrator

Date

**TOWN OF BROOKFIELD
PLANNING COMMISSION RECOMMENDATIONS
MAY 28, 2024**

Town Chairman Keith Henderson called the meeting to order at 7:00pm on Tuesday, May 28, 2024, at the Town of Brookfield Town Hall, 645 North Janacek Road, Brookfield, Wisconsin. Also present at the meeting was Supervisor Ryan Stanelle and Commissioners Len Smeltzer, William Neville, and Jeremy Watson; and Town Planner Bryce Hembrook. Commissioners Gordon Gaeth and Kevin Riordan were absent and excused.

KEITH HUEFFNER, REPRESENTING MASTER SPA WAREHOUSE, FOR REVIEW AND RECOMMENDATION OF FINAL APPROVAL FOR A NEW WAREHOUSE BUILDING FOR THE PROPERTY LOCATED AT 21675 DORAL RD

Supervisor Stanelle moved to **recommend final approval** for a new warehouse building for the property located at 21675 Doral Road as presented contingent on the applicant submitting an updated lighting plan to the Architectural Review Committee to ensure lighting is downward, update plans to show dumpster location/enclosure, and landscaping as required by the Architectural Review Committee (which is included in current plans).

The motion was seconded by Commissioner Watson. The motion carried.



Building a Better World
for All of Us®

TOWN OF BROOKFIELD PLAN COMMISSION ZONING REPORT

TO: Plan Commission

FROM: Bryce Hembrook, AICP
Town Planner

REPORT DATE: May 23, 2024
PC MEETING DATE: May 28, 2024

RE: **Master Spa Warehouse – Final Approval**
21675 Doral Road BKFT1126004

SEH No. 171421, TASK 52

Applicant: Keith Hueffner, representing Master Spa Warehouse

Application Type: Final Approval

Request

Applicant is requesting final approval of the construction of a warehouse building for the property located at 21675 Doral Road.

Summary of Request

- The subject property experienced a fire a few years ago that resulted in the western building being razed. The applicant is proposing to construct a new warehouse building in the same location and this building is intended to be used for Master Spa Warehouse. There is an existing building on the east side of the property.
- Proposed Size = 53,173 square feet including mezzanine.
- Zoning District = M-1 Limited Manufacturing District
- Lot size = 3.6 acres.
- Proposed Use = Warehousing.
- Proposed setbacks:
 - Street (Doral Rd) = 130'
 - Street (I-94) = 52'
 - Side (west) = 10'
 - Side (east) = 240'
 - Building separation from east building = 69'
 - All building setbacks will meet code requirements.
- Sum total of floor area
 - Proposed = 46.4% of lot area for both buildings.
 - Required = Sum total of the floor area of the principal building and all accessory buildings shall be not less than 8,000 square feet or 20% of the lot area, whichever is less. Also, sum total of

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 501 Maple Avenue, Delafield, WI 53018-9351
SEH is 100% employee-owned | sehinc.com | 262.646.6855 | 888.908.8166 fax

- the floor area of the principal building and all accessory buildings shall not exceed 50% of the lot area.
- Requirement is met.
 - Parking
 - Code requirement: 1 space per employee for the work shift with the largest number of employees, plus 1 space per 5,000 square feet of gross floor area.
 - Proposed: 29 new parking spaces, including 2 ADA stalls.
 - Sheet C 2.0 mentions that there will be approximately 15 employees.
 - Architectural requirements for manufacturing districts
 - The facade of a manufacturing building which faces upon a street right-of-way shall be finished with an aesthetically pleasing material. Fifty percent of a facade facing a street shall be finished with brick, decorative masonry, glass panel, or other appropriate finished facade as may be approved by the Plan Commission. Such brick, masonry, glass, or other decorative facing shall extend for a distance of at least 20 feet along the sides of the structure. Manufacturing buildings on corner lots shall have the required masonry facade facing each street. Metal buildings may be constructed in any business, manufacturing, institutional, or park district, but only by a 3/4 affirmative vote of the Plan Commission.
 - Number of Structures
 - The Plan Commission may permit more than one structure per lot in other districts where more than one structure is needed for the orderly development of the parcel. Where additional structures are permitted, the Plan Commission may impose additional yard requirements, landscaping requirements, or parking requirements, or require a minimum separation distance between principal structures.
 - Garbage
 - One thing that was not identified in the plans is whether or not there will be exterior garbage or refuse containers. If an exterior garbage enclosure is proposed, that should be included on the final plans and should include a detail in the civil plans.
 - Lighting
 - A detailed photometric plan was provided and the Town Engineer determined that the photometric plan met code requirements.
 - Landscaping
 - Included in packet. The applicant has made changes from the previously submitted plan to the Architectural Review Committee based on their recommendation to increase the amount of landscaping to the south of the building. The Town Engineer has reviewed the landscaping plans and believes there is adequate landscaping proposed. The Plan Commission should determine if adequate landscaping is provided to the south of the building.

The development review team has reviewed the plans and any comments are mentioned in the Town Engineer's review letter.

Final Approval

The purpose of final project review shall be to determine that this chapter and other Town ordinances have been fully complied with, and to authorize the issuance of a building permit, subject to the developer receiving approval of the Wisconsin Department of Safety and Professional Services (SPS) of the building plans, if required, including architectural details and lighting plan. The Plan Commission may require appropriate sureties to guarantee the completion of grading, landscaping, and construction and paving of parking and loading areas within an approved time schedule. Final approval granted by the Town Board shall expire within 12 months unless necessary building permits have been applied for and issued.

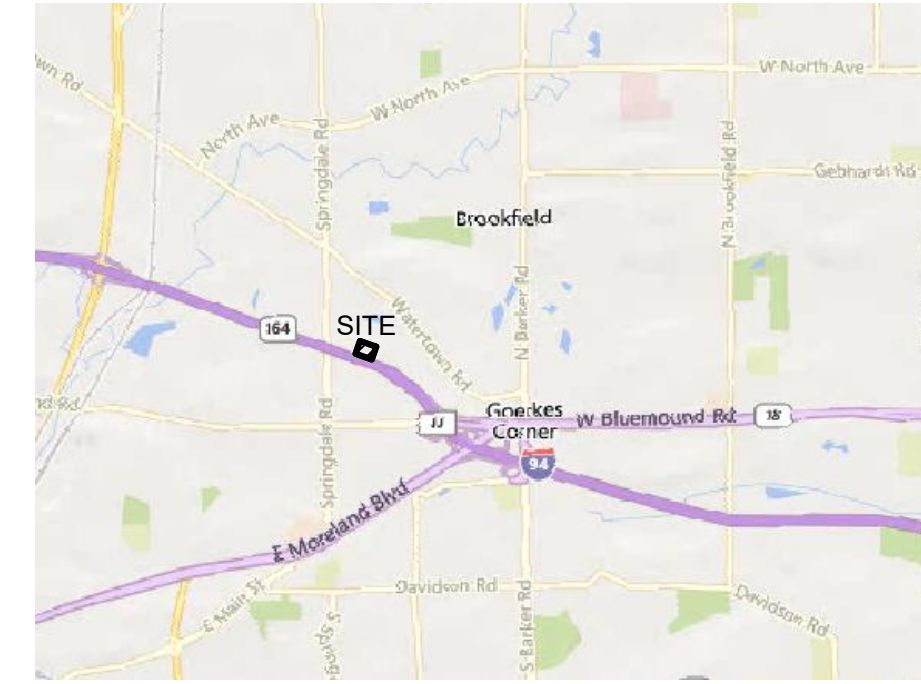
Architectural Review Committee

The Committee reviewed the request and recommended approval. The Committee also added the condition that the applicant add landscaping to the south of building. The applicant updated the landscaping plans accordingly.

COVER SHEET

LEGAL DESCRIPTION

LOT 4 & ELY 1/2 LOT 3 BLK A LILLIE INDUSTRIAL PARK PT NW 1/4 SEC 30 T7N R20E;
COM NE CORNR OF SAID LOT 3 BLK A AT A PNT ON S LINE DORAL ROAD; N69°47'W
ALN S LINE OF DORAL ROAD 150.00 FT; S20°13'W 350.00 FT; S69°47'E 150.00 FT;
N20°13'E ALNG E LINE OF SAID LOT 350.00 FT TO BGN.



LOCATION MAP

21675 DORAL ROAD
BROOKFIELD, WI 53186

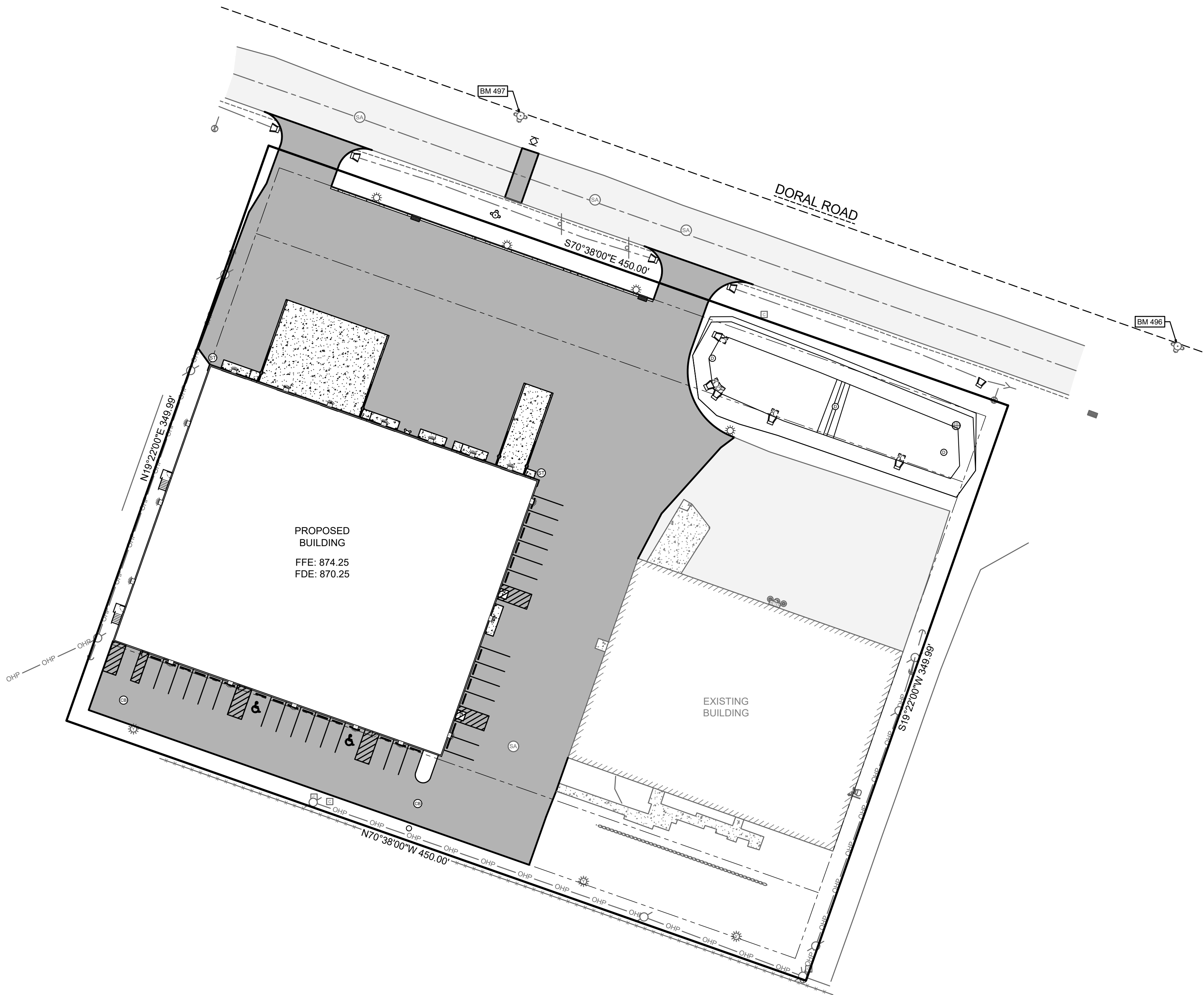
NOT TO SCALE

CIVIL SHEETS INDEX

- C0.1 COVER SHEET
- C1.0 DEMOLITION PLAN
- C2.0 SITE PLAN
- C3.0 UTILITY PLAN
- C4.0 GRADING PLAN
- C5.0 EROSION CONTROL PLAN
- C5.1 EROSION CONTROL DETAILS
- C6.0 SITE DETAILS
- C6.1 UTILITY & GRADING DETAILS
- L1.0 LANDSCAPE PLAN

CIVIL GENERAL NOTES:

1. SURVEY WAS PERFORMED BY MACH IV ENGINEERING & SURVEYING LLC JANUARY 11, 2024.
2. SURVEY VERTICAL DATUM IS NAVD88.
3. THIS SURVEY DOES NOT GUARANTEE THE EXISTENCE/ NON-EXISTENCE, SIZE, TYPE OR LOCATION OF UNDERGROUND UTILITIES. UTILITIES SHOWN ARE BASED ON ABOVEGROUND UTILITY STRUCTURES (I.E. VALVES, MANHOLES ETC.), AND AVAILABLE UTILITY MAPS AND PLANS.
4. UNLESS OTHERWISE INDICATED, ALL EXISTING STRUCTURES AND FACILITIES SHALL REMAIN.
5. PROVIDE TURF, AS SPECIFIED TO ALL DISTURBED AREAS NOT RECEIVING PAVEMENTS, CURBS, SIDEWALKS, BUILDINGS, OR LANDSCAPING, WITHIN THE LIMITS OF CONSTRUCTION.
6. NO LAND DISTURBING ACTIVITIES SHALL TAKE PLACE UNTIL ALL TEMPORARY SOIL EROSION DEVICES ARE INSTALLED.
7. ALL GRADE TRANSITIONS BETWEEN NEW AND EXISTING SHALL BE SMOOTH AND GRADUAL WITH NO SHARP OR ABRUPT CHANGES.
8. COORDINATE THE WORK OF ALL TRADES - VERIFY ALL FIELD CONDITIONS, QUANTITIES AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES SHALL BE PROMPTLY BROUGHT TO THE ATTENTION OF THE ARCHITECT.
9. EXECUTE ALL WORK WITH CARE AS TO PROTECT FROM DAMAGE ADJACENT EXISTING FEATURES TO REMAIN. ANY SUCH DAMAGE SHALL BE REPAIRED OR REPLACED TO MATCH THE ORIGINAL CONDITION AS APPROVED BY THE ARCHITECT.
10. UNLESS REFERRED TO, OR INDICATED AS "EXISTING", ALL WORK SHOWN ON THESE DRAWINGS SHALL BE CONSIDERED AS NEW AND PROVIDED UNDER THIS CONTRACT.
11. FINISHED GRADE OF TOPSOIL (AFTER COMPACTION) SHALL BE 1/2" TO 1" BELOW TOP OF ABUTTING PAVEMENTS, SIDEWALKS, AND CURBING.
12. NO DISTURBANCE SHALL OCCUR OUTSIDE OF SITE LIMITS.
13. GENERAL CONTRACTOR SHALL OBTAIN APPROVAL FROM OWNER AND MUNICIPALITY PRIOR TO ANY LAND DISTURBANCE OUTSIDE THE CONSTRUCTION LIMITS.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WORK IN RIGHT OF WAY PERMITS.
15. NO HAZARDOUS MATERIALS WILL BE STORED ON-SITE.
16. FOR LEGEND AND ABBREVIATIONS SEE SHEET C0.1.
17. FOR EROSION CONTROL PLAN AND NOTES SEE SHEET C5.0 AND C5.1.
18. FOR NOTES SHOWN THUS, "C", SEE SHEET KEY NOTES, ON SHEET THEY APPEAR.



CIVIL LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED
CABLE PEDESTAL	[Symbol]	EVERGREEN SHRUB	[Symbol]	STANDARD DUTY ASPHALT	[Symbol]
ELECTRIC METER	[Symbol]	EVERGREEN TREE	[Symbol]	HEAVY DUTY ASPHALT	[Symbol]
ELECTRIC PEDESTAL	[Symbol]	TREE	[Symbol]	BUILDING	[Symbol]
GUY WIRE	[Symbol]	TREE SHRUB	[Symbol]	ASPHALT	[Symbol]
LIGHT POLE	[Symbol]	BUILDING OVERHANG	[Symbol]	CONCRETE	[Symbol]
POWER POLE	[Symbol]	UNDERGROUND CABLE	[Symbol]	GRAVEL	[Symbol]
GAS METER	[Symbol]	OVERHEAD WIRE	[Symbol]	LANDSCAPE WOOD MULCH	[Symbol]
GAS VALVE	[Symbol]	UNDERGROUND ELECTRIC	[Symbol]	LANDSCAPE STONE MULCH	[Symbol]
BOLLARD	[Symbol]	GAS	[Symbol]		
HANDICAP PARKING	[Symbol]	LANDSCAPE	[Symbol]		
SANITARY CLEANOUT	[Symbol]	FENCE	[Symbol]		
SANITARY MANHOLE	[Symbol]	GUARDRAIL	[Symbol]		
CATCH BASIN	[Symbol]	CENTERLINE	[Symbol]		
CULVERT	[Symbol]	CURB	[Symbol]		
DOWNSPOUT	[Symbol]	PARKING STRIPE	[Symbol]		
INLET	[Symbol]	SANITARY SEWER	[Symbol]		
INLET 2' X 2'	[Symbol]	CULVERT	[Symbol]		
STORM CLEANOUT	[Symbol]	STORM SEWER	[Symbol]		
STORM MANHOLE	[Symbol]	FIBER OPTIC	[Symbol]		
FIBER OPTIC PEDESTAL	[Symbol]	WOOD LINE	[Symbol]		
SIGN	[Symbol]	RETAINING WALL	[Symbol]		
FIRE HYDRANT	[Symbol]	WATERMAIN	[Symbol]		
WATER SHUT OFF	[Symbol]	CONTOUR MAJOR	[Symbol]		
WATER VALVE	[Symbol]	CONTOUR MINOR	[Symbol]		

ABBREVIATIONS

Ø	DIAMETER	MIN	MINIMUM
AC	ACRE	mm	MILLIMETER
AEW	APRON END WALL	N	NORTH
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	NE	NORTHEAST
BM	BENCHMARK	OC	ON CENTER
C	CABLE	OD	OUTSIDE DIAMETER
CB	CATCH BASIN	OHP	OVER HEAD POWER
CI	CURB INLET	OL	OUTLOT
CMP	CORRUGATED METAL PIPE	PSI	POUNDS PER SQUARE INCH
CO	CLEAN OUT	PVC	POLYVINYL CHLORIDE
CSM	CERTIFIED SURVEY MAP	R	RADIUS
C.T.H	COUNTY TRUNK HIGHWAY	RAD	RADIUS
DIA	DIAMETER	REQ	REQUIRED
DOT	DEPARTMENT OF TRANSPORTATION	S	SOUTH
E	EAST	SA	SANITARY
E	ELECTRIC (BURIED)	SAN	SANITARY
EL	ELEVATION	SCHD	SCHEDULE
FDM	FACILITIES DEVELOPMENT MANUAL	S.D.	SUMP DEPTH
FFE	FIRST FLOOR ELEVATION	SQ	SQUARE
FL	FLOW LINE	ST	STORM
FO	FIBER OPTIC	S.T.H.	STATE TRUNK HIGHWAY
FT	FEET	STM	STORM
G	GAS	T	TELEPHONE
G.F.E.	GROUND FLOOR ELEVATION	T/C	TOP OF CURB
GR	GRADE	U.S.H.	UNITED STATES HIGHWAY
HDPE	HIGH DENSITY POLYETHYLENE	V	VARIES
INL	INLET	W	WEST
INV	INVERT	WAT	WATER
M	METER	WI	WISCONSIN
MAX	MAXIMUM	WisDOT	WISCONSIN DEPARTMENT OF TRANSPORTATION
MH	MANHOLE		

SURVEY NOTE

AT TIME OF FIELD WORK THERE WAS APPROXIMATELY 10" - 12" OF SNOW ON THE GROUND

DIGGERS HOTLINE

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WISCONSIN STATUTE 182.0175 (1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

THE LOCATIONS OF THE EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.



MACH IV
ENGINEERING • SURVEYING • ENVIRONMENTAL

2260 Salscheider Court Green Bay, WI 54313
PH: 920-569-5765; Fax: 920-569-5767
www.mach-iv.com
Project Number: 2148-01-23

DATE: MAY 08, 2024

ARCH. _____

D. BY: RPH

JOB: 23-003

REV. _____

C
0.1

ADDITION AND ALTERATIONS FOR,
21675 DORAL ROAD
 TOWN OF BROOKFIELD, WISCONSIN



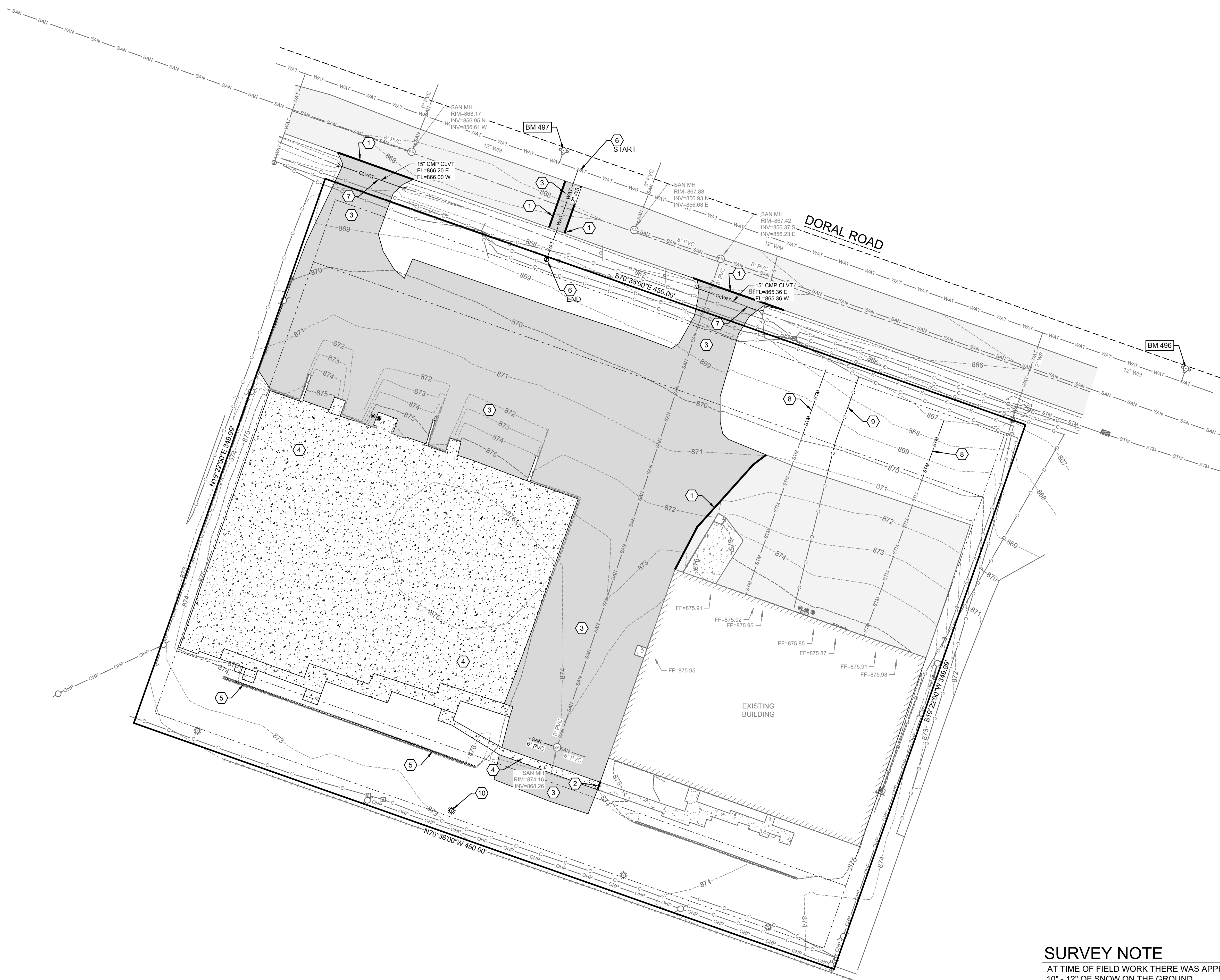
327 RANDOLPH DR. STE 101
APPLETON, WI 54913
TELE: 920-707-4236 FAX: 920-240-8072

DEMOLITION PLAN

Benchmarks		
Label	Elevation	Description
BM 496	866.74	HYDRANT FLAG BOLT
BM 497	870.25	HYDRANT FLAG BOLT

SHEET KEY NOTES:

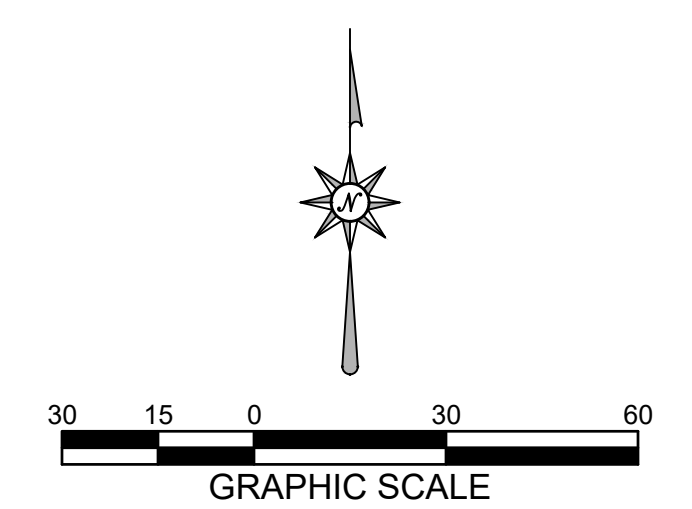
- ① SAW CUT ASPHALT
- ② SAW CUT CONCRETE
- ③ REMOVE ASPHALT
- ④ REMOVE CONCRETE
- ⑤ REMOVE CONCRETE WALL AND FOUNDATION
- ⑥ REMOVE EX. 2" WATER SERVICE LINE AND SHUT OFF VALVE
- ⑦ REMOVE CULVERT
- ⑧ REMOVE STORM SEWER WITHIN THE BIOFILTER; REFER TO SHEET C4.0 FOR BIOFILTER
- ⑨ COORDINATE THE RELOCATION OF PRIVATE UTILITIES WITHIN BIOFILTER WITH UTILITY OWNER; REFER TO SHEET C4.0 FOR BIOFILTER
- ⑩ REMOVE AND RELOCATE EXISTING LIGHT; COORDINATE WITH ELECTRICAL DRAWINGS



ACS
Construction & Services, Inc.

327 RANDOLPH DR. STE #C1
APPLETON, WI 54913
TELE: 920-707-4226 FAX: 920-240-8072

ADDITION AND ALTERATIONS FOR,
21675 DORAL ROAD
TOWN OF BROOKFIELD, WISCONSIN



SURVEY NOTE
 AT TIME OF FIELD WORK THERE WAS APPROXIMATELY
 10" - 12" OF SNOW ON THE GROUND

MACH IV
 ENGINEERING • SURVEYING • ENVIRONMENTAL

2260 Salscheider Court Green Bay, WI 54313
 PH: 920-569-5765; Fax: 920-569-5767
 www.mach-iv.com
 Project Number: 2148-01-23

DATE:	MAY 08, 2024
ARCH:	
D. BY:	RPH
JOB:	23-003
REV:	

C
1.0

SITE PLAN

OWNER

KH HOLDINGS DORAL, LLC
 C/O KEITH HUEFFNER
 2138 W. WISCONSIN AVENUE
 APPLETON, WI 54914-3115

SHEET KEY NOTES:

- ① STANDARD DUTY ASPHALT; SEE DETAIL A SHEET C6.0
- ② HEAVY DUTY ASPHALT; SEE DETAIL B SHEET C6.0
- ③ CONCRETE PAVEMENT; SEE DETAIL C SHEET C6.0
- ④ CONCRETE CURB & GUTTER; SEE DETAIL D SHEET C6.0
- ⑤ STOOP LOCATION; REFER TO ARCHITECTURAL DRAWINGS
- ⑥ LOADING DOCK RETAINING WALL; REFER TO ARCHITECTURAL DRAWINGS
- ⑦ ADA HANDICAP STALL, SYMBOL; SEE DETAIL E SHEET C6.0
- ⑧ ADA HANDICAP SIGN; SEE DETAIL F SHEET C6.0
- ⑨ BOLLARD; SEE DETAIL G SHEET C6.0
- ⑩ 4" WIDE PAINT STRIPE; COLOR BY OWNER
- ⑪ BIOFILTER CELL; SEE SHEET C4.0
- ⑫ REPLACE ASPHALT IN-KIND
- ⑬ PARKING BLOCK
- ⑭ WALL LIGHT; REFER TO ARCHITECTURAL PLANS
- ⑮ FREESTANDING EMC SIGN
- ⑯ LOADING DOCK RAILING; REFER TO ARCHITECTURAL PLANS

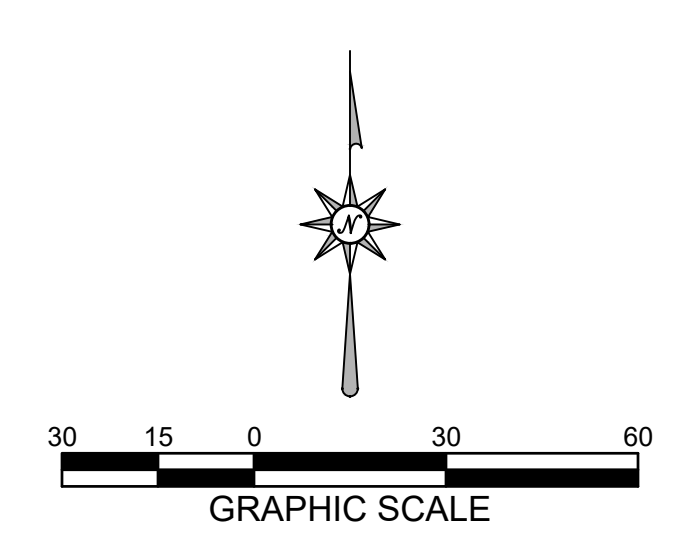
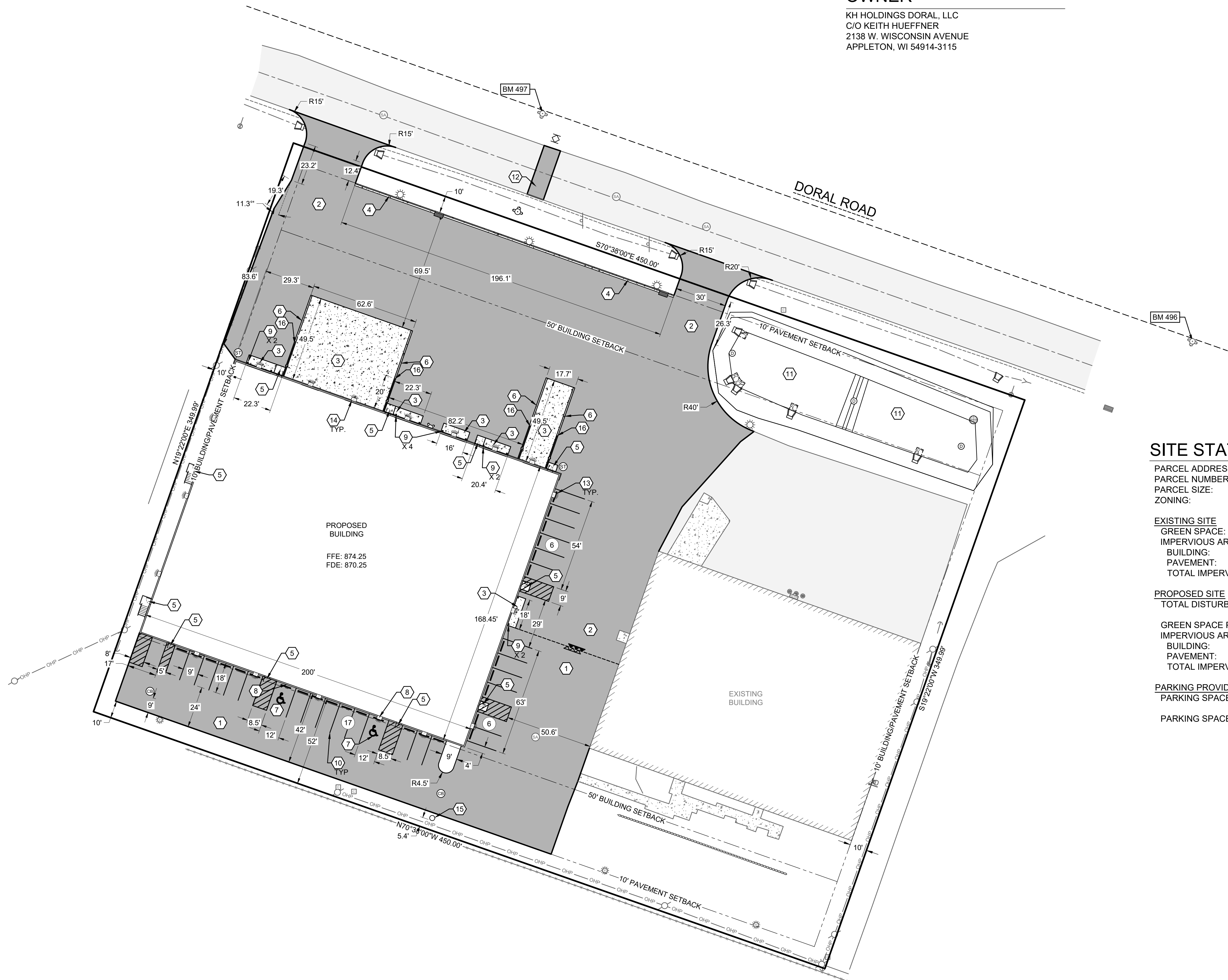
SITE STATISTICS

PARCEL ADDRESS: 21675 DORAL ROAD SUITE B
 PARCEL NUMBER: BKFT1126004
 PARCEL SIZE: 157,494 SF (3.62 AC)
 ZONING: M-1: LIMITED MANUFACTURING DISTRICT

EXISTING SITE
 GREEN SPACE: 49,813 SF (31.63%)
 IMPERVIOUS AREA
 BUILDING: 19,573 SF (12.43%)
 PAVEMENT: 88,108 SF (55.94%)
 TOTAL IMPERVIOUS: 107,681 SF (68.37%)

PROPOSED SITE
 TOTAL DISTURBED AREA: 108,836 SF (2.499 AC)
 GREEN SPACE PROVIDED: 34,045 SF (21.66%)
 IMPERVIOUS AREA
 BUILDING: 53,268 SF (33.82%)
 PAVEMENT: 70,181 SF (44.56%)
 TOTAL IMPERVIOUS: 123,449 SF (78.38%)

PARKING PROVIDED
 PARKING SPACES REQ'D/CALCS: 1 PER EMPLOYEE + 1 PER 5,000 SF
 15 EMPLOYEE + 53,268 SF / 5,000 SF = 15 + 11 STALLS = 26 STALLS
 PARKING SPACES PROVIDED: 29 STALLS, INCLUDES 2 ADA HANDICAP STALLS



MACH IV
 ENGINEERING • SURVEYING • ENVIRONMENTAL

2260 Salscheider Court Green Bay, WI 54313
 PH: 920-569-5765; Fax: 920-569-5767
 www.mach-iv.com
 Project Number: 2148-01-23

ACS
 Construction & Services, Inc.
 327 RANDOLPH DR. STE 101
 APPLETON, WI 54913
 TELE: 920-707-4226 FAX: 920-240-8072

ADDITION AND ALTERATIONS FOR,
21675 DORAL ROAD
 TOWN OF BROOKFIELD,
WISCONSIN

DATE:	MAY 08, 2024
ARCH:	
D. BY:	RPH
JOB:	23-003
REV:	

C
2.0

UTILITY PLAN

Benchmarks		
Label	Elevation	Description
BM 496	866.74	HYDRANT FLAG BOLT
BM 497	870.25	HYDRANT FLAG BOLT

SHEET KEY NOTES:

- ① CONNECT TO EXISTING WATER MAIN WITH TAPPING SLEEVE AND VALVE; SEE DETAIL A SHEET C6.1
- ② COORDINATE CONNECTION TO BUILDING WITH PLUMBING AND ARCHITECTURAL PLANS
- ③ CONNECT SANITARY SEWER TO EXISTING MANHOLE
- ④ STORM INLET - 2'X3'; SEE DETAIL B SHEET C6.1
- ⑤ STORM INLET - 3' DIAMETER; SEE DETAIL C SHEET C6.1
- ⑥ STORM MANHOLE - 3' DIAMETER; SEE DETAIL D SHEET C6.1
- ⑦ STORM CLEANOUT; SEE DETAIL E SHEET C6.1. CLEANOUTS TO BE LOCATED NO MORE THAN 100 FEET APART
- ⑧ APRON END WALL
- ⑨ BIOFILTER OUTLET STRUCTURE; SEE DETAIL F SHEET C6.1
- ⑩ BIOFILTER CELL; SEE SHEET C4.0
- ⑪ ROOF DRAIN COLLECTOR LINE; COORDINATE WITH PLUMBING AND ARCHITECTURAL PLANS
- ⑫ WALL LIGHT; REFER TO ARCHITECTURAL PLANS
- ⑬ FIRE DEPARTMENT CONNECTION; COORDINATE WITH PLUMBING AND ARCHITECTURAL PLANS.
- ⑭ 8" x 6" ANCHORING TEE
- ⑮ FIRE HYDRANT ASSEMBLY; SEE DETAIL I SHEET C6.1
- ⑯ LIGHT POLE; REFER TO ARCHITECTURAL PLANS

UTILITY NOTES:

1. SANITARY LATERAL SHALL BE PVC SDR 35 (ASTM D-3034) OR SCH 40.
2. WATER SERVICE SHALL BE C900 PVC. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE ENCASED IN POLYETHYLENE WRAP.
3. ALL SERVICE LATERALS SHALL HAVE TRACER WIRE.
4. ALL WORK SHALL CONFORM TO THE MOST RECENT EDITION OF "STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN" AND THE MUNICIPALITY'S STANDARD SPECIFICATIONS.
5. WATER LINE THRUST RESTRAINTS (NOT SHOWN FOR CLARITY) SHALL BE PROVIDED AS SPECIFIED FOR CONCRETE THRUST BLOCKS.
6. STORM SEWER SHALL BE PVC SDR 35 (ASTMD-3034) OR SCH 40.
7. NOTIFY THE MUNICIPALITY THREE WORKING DAYS PRIOR TO WORK IN THE RIGHT OF WAY.
8. CONNECTIONS TO MUNICIPAL SYSTEMS SHALL BE IN ACCORDANCE WITH THE MUNICIPALITY'S RESPECTIVE STANDARD SPECIFICATIONS.



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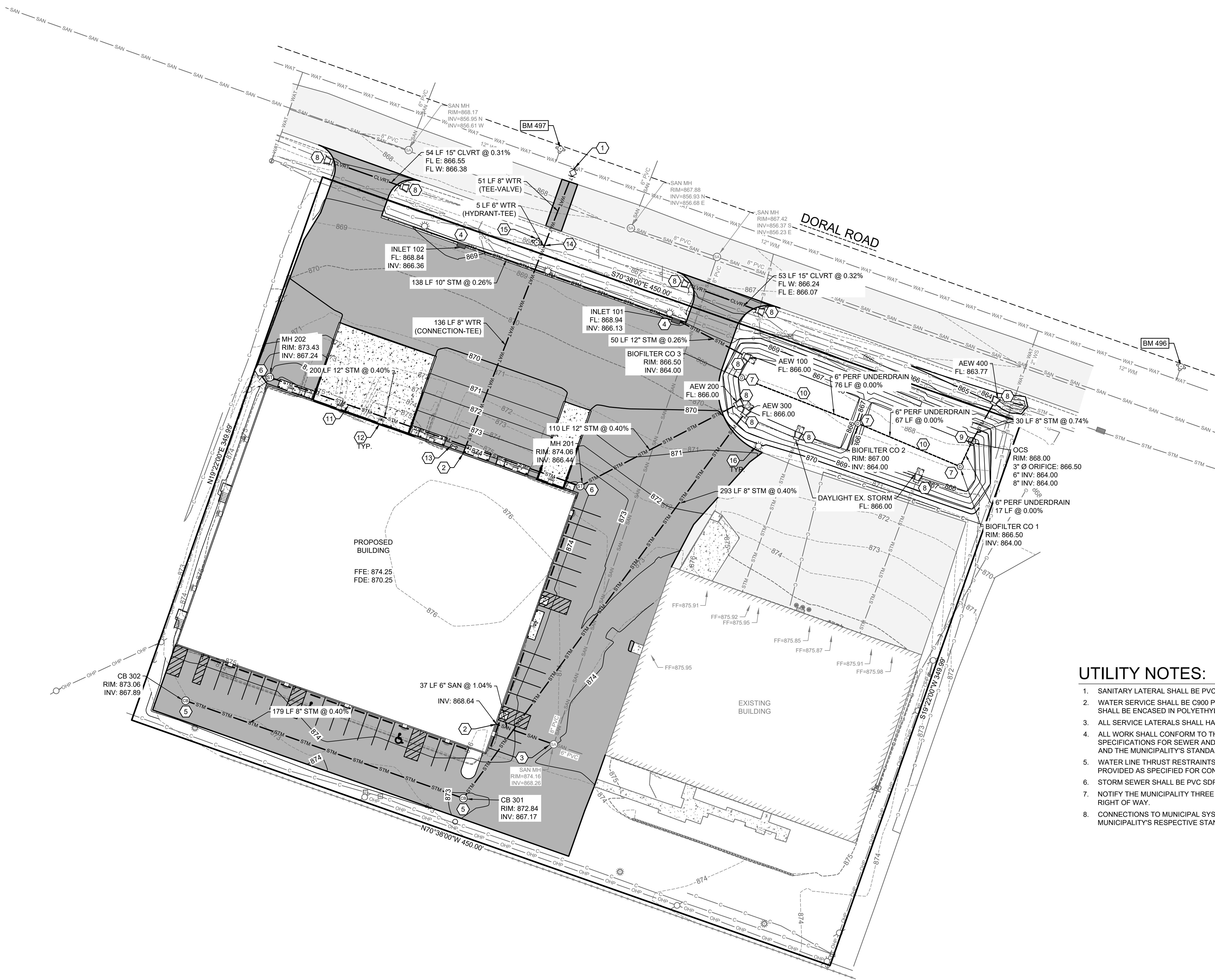
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ADDITION AND ALTERATIONS FOR,
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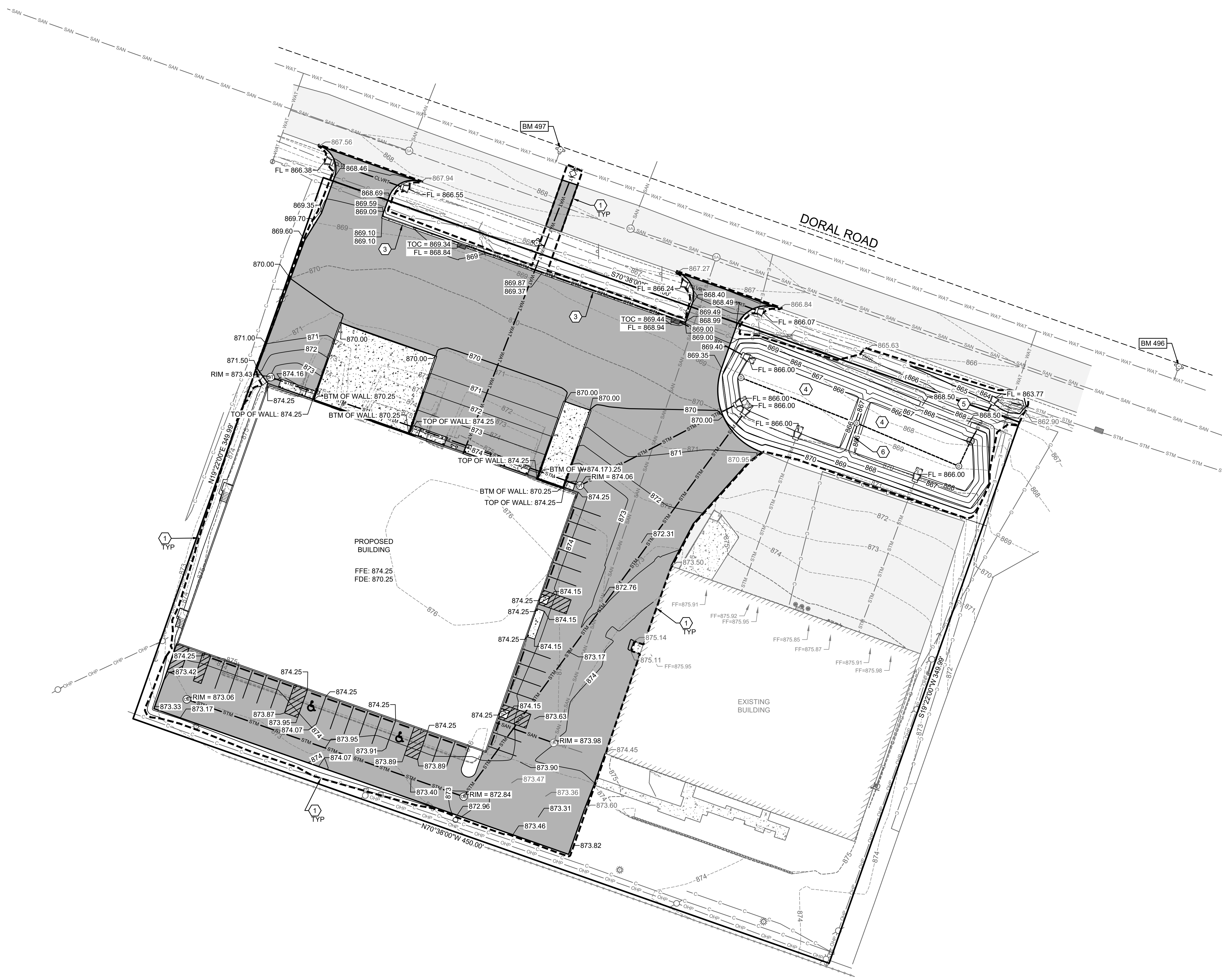


GRADING PLAN

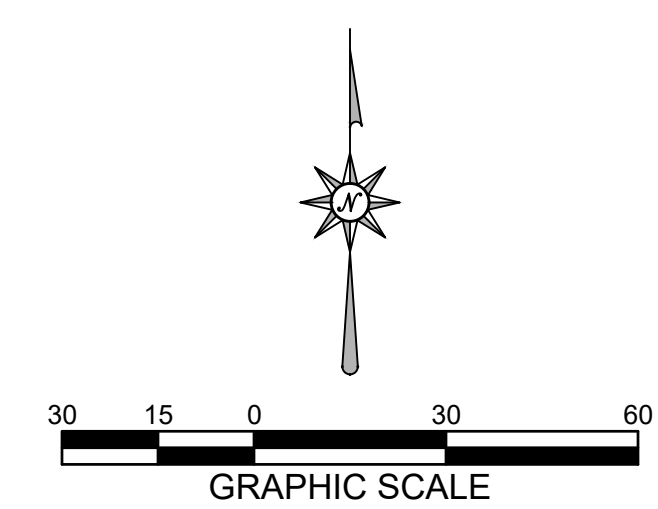
Benchmarks		
Label	Elevation	Description
BM 496	866.74	HYDRANT FLAG BOLT
BM 497	870.25	HYDRANT FLAG BOLT

SHEET KEY NOTES:

- 1 CONSTRUCTION / GRADING LIMITS
- 2 SPOT GRADE; SEE DETAIL A THIS SHEET
- 3 STANDARD PAN CURB AND GUTTER; SEE DETAIL D SHEET C6.0
- 4 BIOFILTER CELL; SEE DETAIL G SHEET C6.1
- 5 BIOFILTER EMERGENCY OVERFLOW WEIR; SEE DETAIL H SHEET C6.1
- 6 BIOFILTER CELL SEPARATION WEIR BERM:
TOP ELEVATION: 897.00
TOP WIDTH: 2'
SLOPES: 3:1



Spot Grade Key	Description
596.87	TOP OF CURB/WALL
569.37	GUTTER/PAVEMENT
870.00	FINISHED GRADE
866.84	EXISTING GRADE



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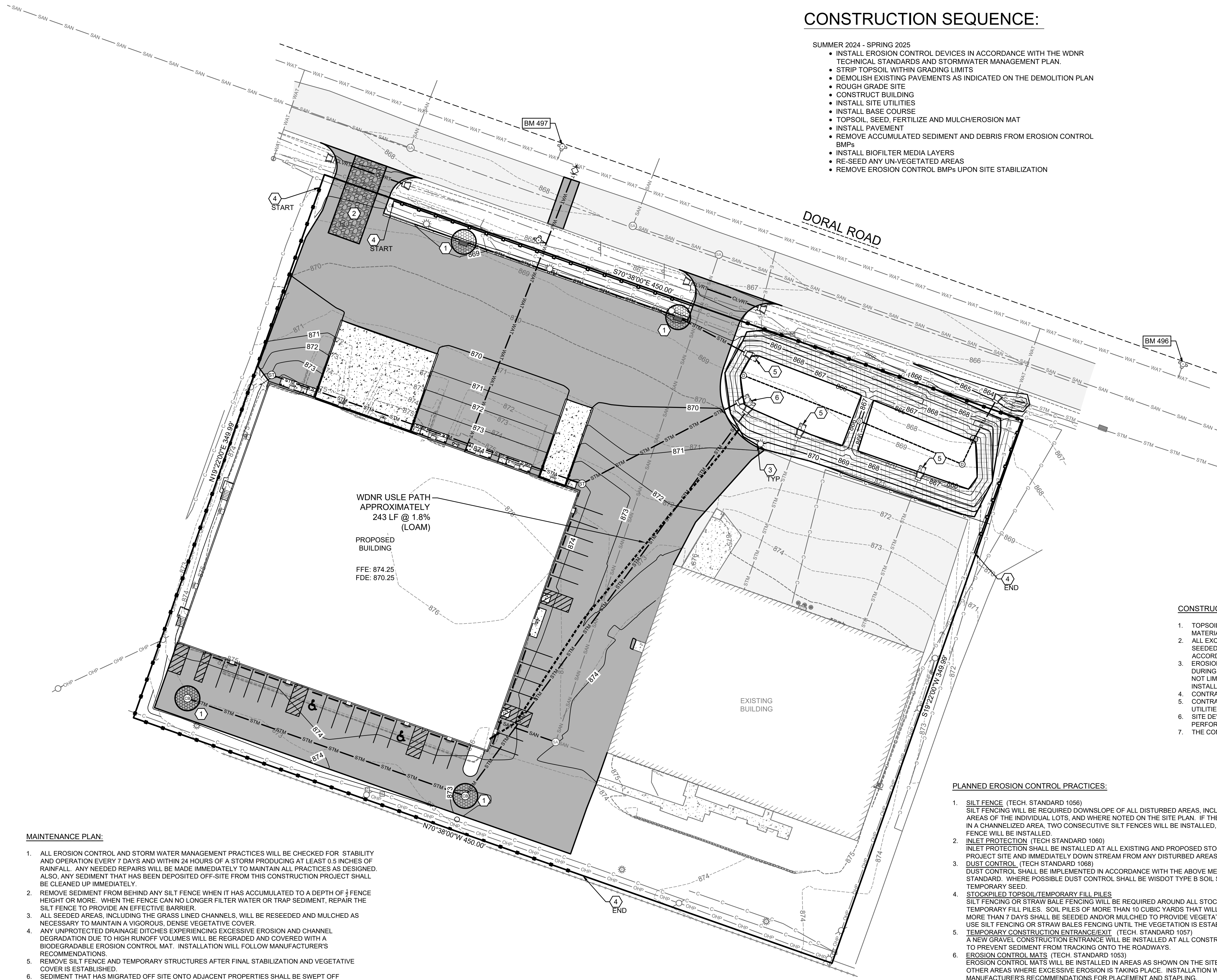
EROSION CONTROL PLAN

CONSTRUCTION SEQUENCE:

- SUMMER 2024 - SPRING 2025
- INSTALL EROSION CONTROL DEVICES IN ACCORDANCE WITH THE WDNR TECHNICAL STANDARDS AND STORMWATER MANAGEMENT PLAN.
 - STRIP TOPSOIL WITHIN GRADING LIMITS
 - DEMOLISH EXISTING PAVEMENTS AS INDICATED ON THE DEMOLITION PLAN
 - ROUGH GRADE SITE
 - CONSTRUCT BUILDING
 - INSTALL SITE UTILITIES
 - INSTALL BASE COURSE
 - TOPSOIL, SEED, FERTILIZE AND MULCH/EROSION MAT
 - INSTALL PAVEMENT
 - REMOVE ACCUMULATED SEDIMENT AND DEBRIS FROM EROSION CONTROL BMPs
 - INSTALL BIOFILTER MEDIA LAYERS
 - RE-SEED ANY UN-VEGETATED AREAS
 - REMOVE EROSION CONTROL BMPs UPON SITE STABILIZATION

SHEET KEY NOTES:

- ① INLET PROTECTION; SEE DETAIL A SHEET C5.1
- ② STONE TRACKING PAD; SEE DETAIL B SHEET C5.1
- ③ CLASS I URBAN, TYPE B WOOD EROSION CONTROL MAT WITH E-STAPLES; SEE DETAIL C SHEET C5.1
- ④ SILT FENCE; SEE DETAIL D SHEET C5.1
- ⑤ ENERGY DISSIPATOR; SEE DETAIL E SHEET C5.1
- ⑥ ENERGY DISSIPATOR, 41 SF; REFER TO DETAIL E SHEET C5.1
- ⑦ TEMPORARILY CONSTRUCT BIOFILTER AS SEDIMENT TRAP; REFER TO DETAIL F SHEET C5.1



CONSTRUCTION NOTES:

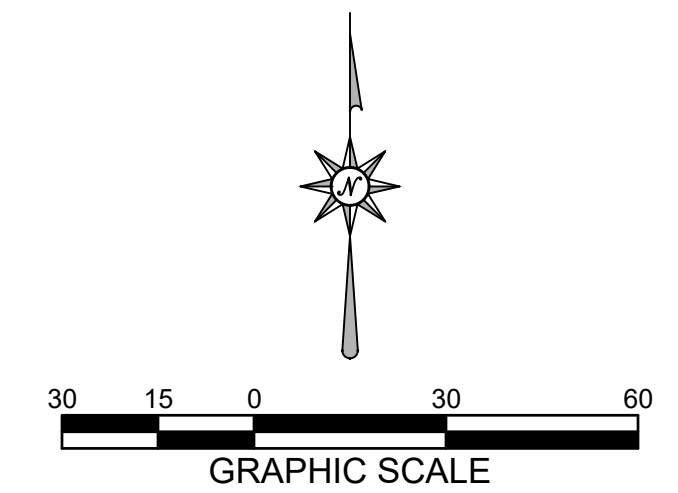
1. TOPSOIL TO BE REMOVED FROM THE PROJECT SITE PRIOR TO PLACEMENT OF FILL OR SUBGRADE MATERIAL. EXCESS TOPSOIL TO BE STOCKPILED ON THE SITE AS INDICATED.
2. ALL EXCAVATED AREAS NOT RECEIVING PAVEMENT TO BE COVERED WITH A MINIMUM OF 6" OF TOPSOIL, SEEDED AND MULCHED AS SOON AS FINAL GRADE HAS BEEN ACHIEVED. SEEDING SHALL BE IN ACCORDANCE WITH WDNR TECH. STANDARD (1059).
3. EROSION CONTROL METHODS SHALL BE IMPLEMENTED, AS DIRECTED BY THE ENGINEER, PRIOR TO AND DURING CONSTRUCTION, TO CONTROL WATER POLLUTION, EROSION AND SILTATION, INCLUDING, BUT NOT LIMITED TO HAY BALE DIKES AND SILT FENCES. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE WDNR TECHNICAL STANDARDS.
4. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
5. CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIGGERS HOTLINE FOR THE LOCATION OF THE UTILITIES.
6. SITE DEWATERING IS NOT ANTICIPATED, HOWEVER SHOULD DEWATERING BE NECESSARY, IT SHALL BE PERFORMED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD (1061).
7. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE AND EXCESS MATERIAL AT AN APPROVED LOCATION.

PLANNED EROSION CONTROL PRACTICES:

1. **SILT FENCE** (TECH. STANDARD 1056)
SILT FENCING WILL BE REQUIRED DOWNSLOPE OF ALL DISTURBED AREAS, INCLUDING ANY DISTURBED AREAS OF THE INDIVIDUAL LOTS, AND WHERE NOTED ON THE SITE PLAN. IF THE SILT FENCE IS LOCATED IN A CHANNELIZED AREA, TWO CONSECUTIVE SILT FENCES WILL BE INSTALLED, OR ONE STRAW BALE FENCE WILL BE INSTALLED.
2. **INLET PROTECTION** (TECH STANDARD 1060)
INLET PROTECTION SHALL BE INSTALLED AT ALL EXISTING AND PROPOSED STORM DRAIN INLETS ON THE PROJECT SITE AND IMMEDIATELY DOWN STREAM FROM ANY DISTURBED AREAS.
3. **DUST CONTROL** (TECH STANDARD 1068)
DUST CONTROL SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE ABOVE MENTIONED TECHNICAL STANDARD. WHERE POSSIBLE DUST CONTROL SHALL BE WISDOT TYPE B SOIL STABILIZER OR TEMPORARY SEED.
4. **STOCKPILED TOPSOIL/TEMPORARY FILL PILES**
SILT FENCING OR STRAW BALE FENCING WILL BE REQUIRED AROUND ALL STOCKPILED TOPSOIL OR TEMPORARY FILL PILES. SOIL PILES OF MORE THAN 10 CUBIC YARDS THAT WILL BE IN EXISTENCE FOR MORE THAN 7 DAYS SHALL BE SEEDED AND/OR MULCHED TO PROVIDE VEGETATIVE COVER AND SHALL USE SILT FENCING OR STRAW BALES FENCING UNTIL THE VEGETATION IS ESTABLISHED.
5. **TEMPORARY CONSTRUCTION ENTRANCE/EXIT** (TECH. STANDARD 1057)
A NEW GRAVEL CONSTRUCTION ENTRANCE WILL BE INSTALLED AT ALL CONSTRUCTION ACCESS POINTS TO PREVENT SEDIMENT FROM TRACKING ONTO THE ROADWAYS.
6. **EROSION CONTROL MATS** (TECH. STANDARD 1053)
EROSION CONTROL MATS WILL BE INSTALLED IN AREAS AS SHOWN ON THE SITE PLAN, AND IN ALL OTHER AREAS WHERE EXCESSIVE EROSION IS TAKING PLACE. INSTALLATION WILL FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PLACEMENT AND STAPLING.
7. **DEWATERING** (TECH STANDARD 1061)
SHOULD DEWATERING BE REQUIRED FOR INSTALLATION OF PLANNED IMPROVEMENTS, SEDIMENT SHALL BE REMOVED FROM WATER GENERATED DURING DEWATERING ACTIVITIES PRIOR TO DISCHARGING OFF-SITE OR TO WATERS OF THE STATE.

MAINTENANCE PLAN:

1. ALL EROSION CONTROL AND STORM WATER MANAGEMENT PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION EVERY 7 DAYS AND WITHIN 24 HOURS OF A STORM PRODUCING AT LEAST 0.5 INCHES OF RAINFALL. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED. ALSO, ANY SEDIMENT THAT HAS BEEN DEPOSITED OFF-SITE FROM THIS CONSTRUCTION PROJECT SHALL BE CLEANED UP IMMEDIATELY.
2. REMOVE SEDIMENT FROM BEHIND ANY SILT FENCE WHEN IT HAS ACCUMULATED TO A DEPTH OF 1/2 FENCE HEIGHT OR MORE. WHEN THE FENCE CAN NO LONGER FILTER WATER OR TRAP SEDIMENT, REPAIR THE SILT FENCE TO PROVIDE AN EFFECTIVE BARRIER.
3. ALL SEEDED AREAS, INCLUDING THE GRASS LINED CHANNELS, WILL BE RESEEDED AND MULCHED AS NECESSARY TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
4. ANY UNPROTECTED DRAINAGE DITCHES EXPERIENCING EXCESSIVE EROSION AND CHANNEL DEGRADATION DUE TO HIGH RUNOFF VOLUMES WILL BE REGRADED AND COVERED WITH A BIODEGRADABLE EROSION CONTROL MAT. INSTALLATION WILL FOLLOW MANUFACTURER'S RECOMMENDATIONS.
5. REMOVE SILT FENCE AND TEMPORARY STRUCTURES AFTER FINAL STABILIZATION AND VEGETATIVE COVER IS ESTABLISHED.
6. SEDIMENT THAT HAS MIGRATED OFF SITE ONTO ADJACENT PROPERTIES SHALL BE SWEEP OFF PAVEMENTS AND REMOVED FROM VEGETATED AREAS DAILY.
7. COPIES OF THE EROSION & SEDIMENT CONTROL PLAN SHALL BE KEPT ON SITE.
8. MAINTAIN EROSION AND SEDIMENT CONTROL PER THE PLAN AND AS NECESSARY TO MEET THE REQUIREMENTS OF THE ORDINANCE, UNTIL THE SITE HAS UNDERGONE FINAL STABILIZATION AND RECEIVED FINAL ACCEPTANCE FROM THE MUNICIPALITY.
9. AN EROSION AND SEDIMENT CONTROL PRACTICE INSPECTION LOG SHALL BE MAINTAINED. LOG SHALL NOTE THE TIME, DATE AND LOCATION OF INSPECTION, THE PHASE OF CONSTRUCTION AT THE SITE, PERSON DOING THE INSPECTION, ASSESSMENT OF CONTROL PRACTICES, AND DESCRIPTION OF EROSION AND SEDIMENT CONTROL MEASURES OR MAINTENANCE DONE IN RESPONSE TO INSPECTION.



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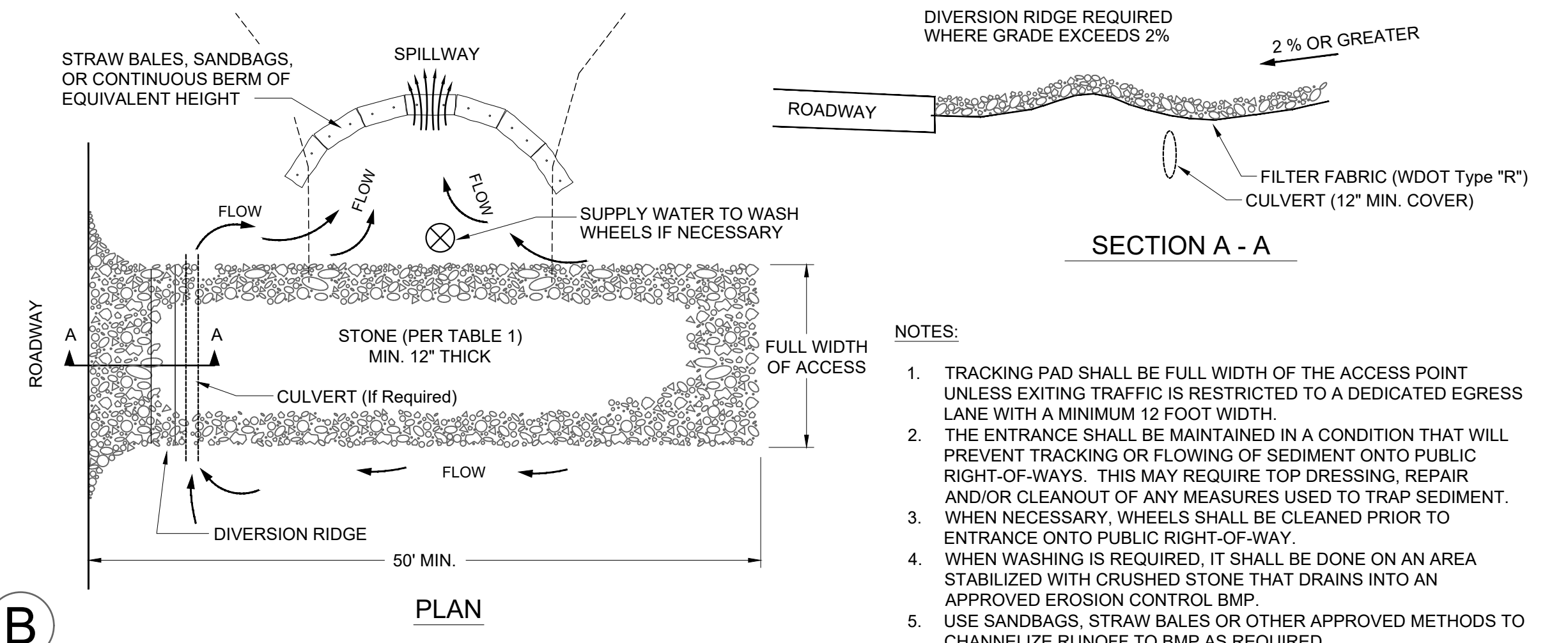
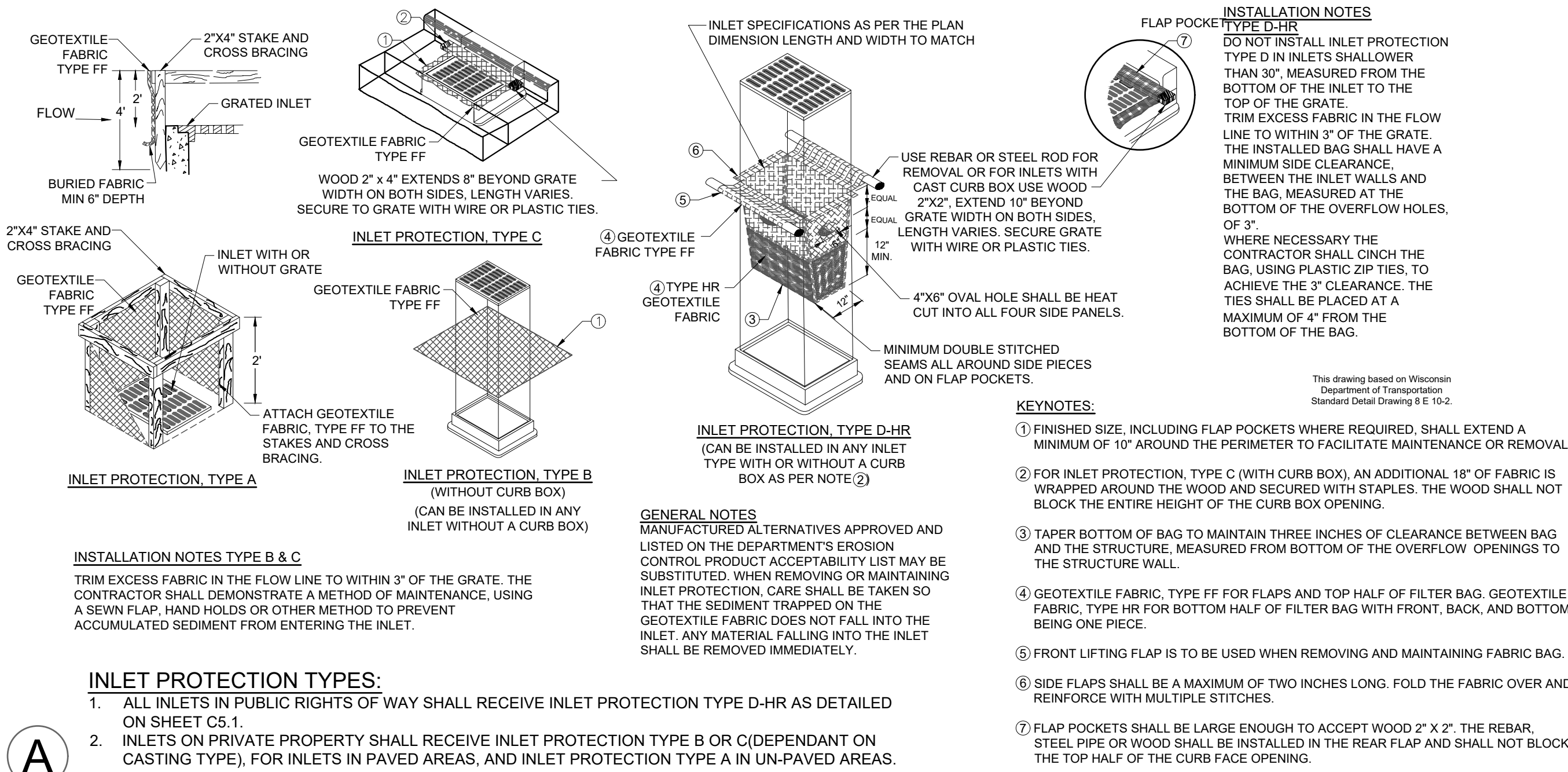
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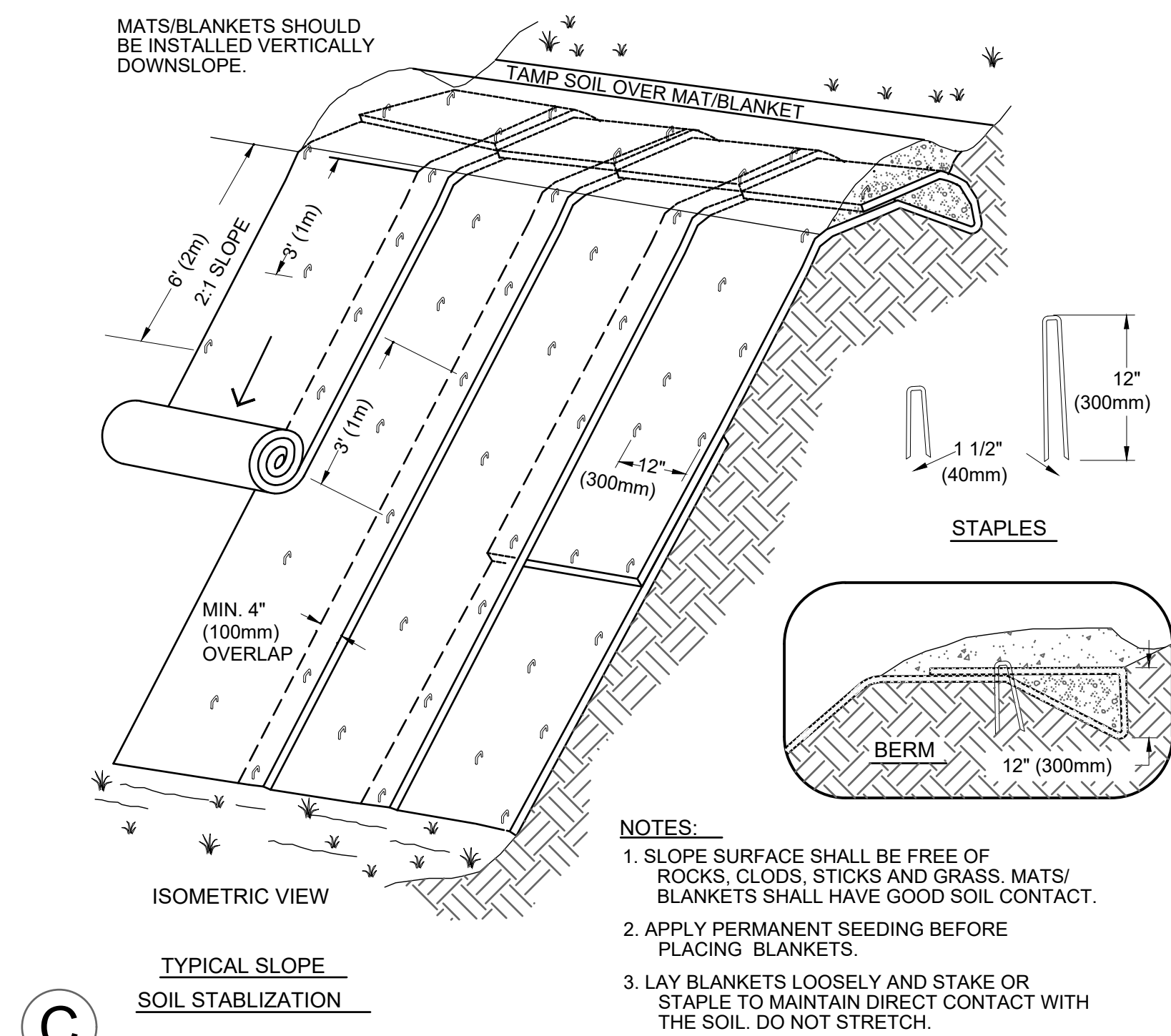
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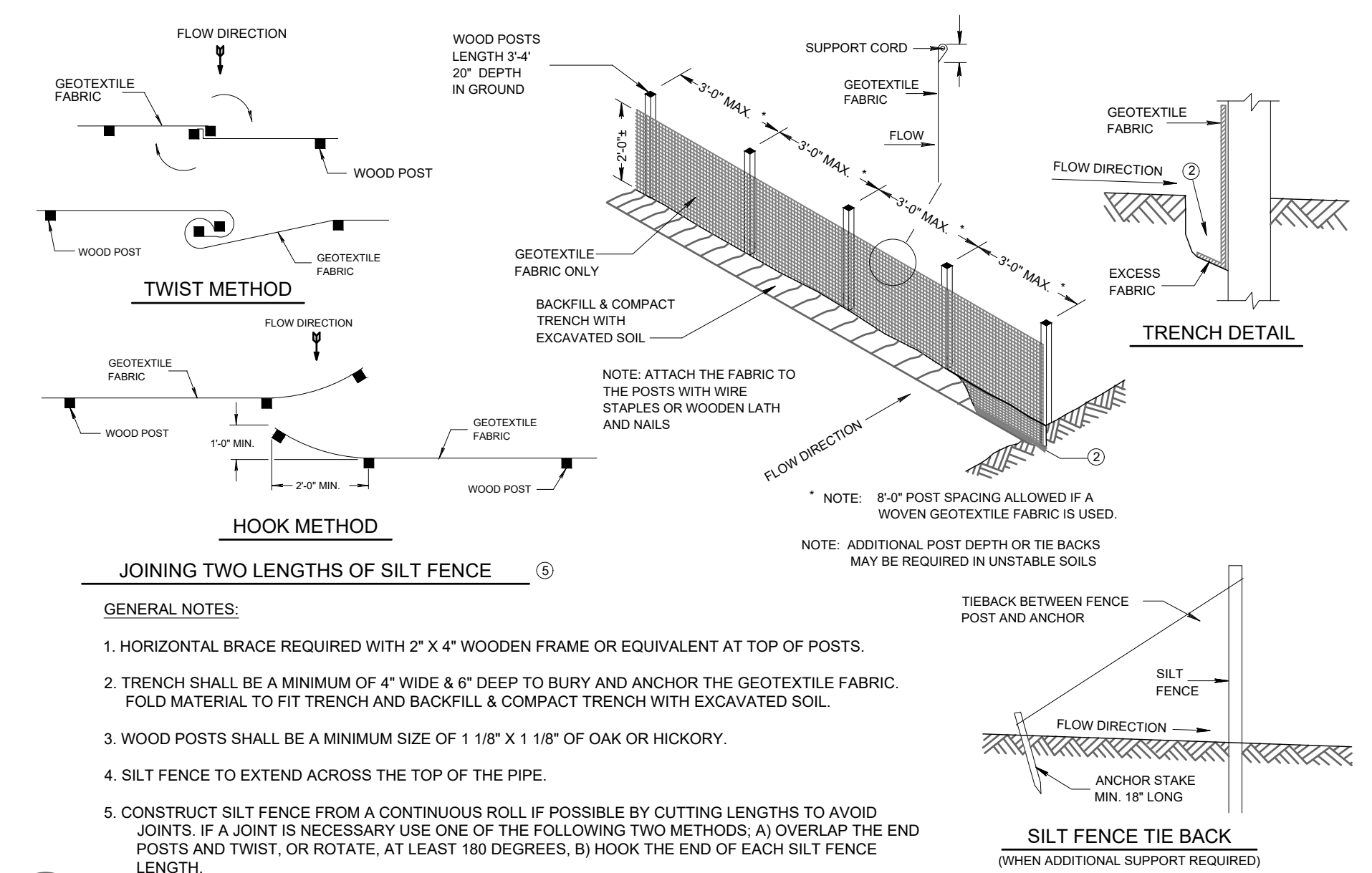
EROSION CONTROL DETAILS



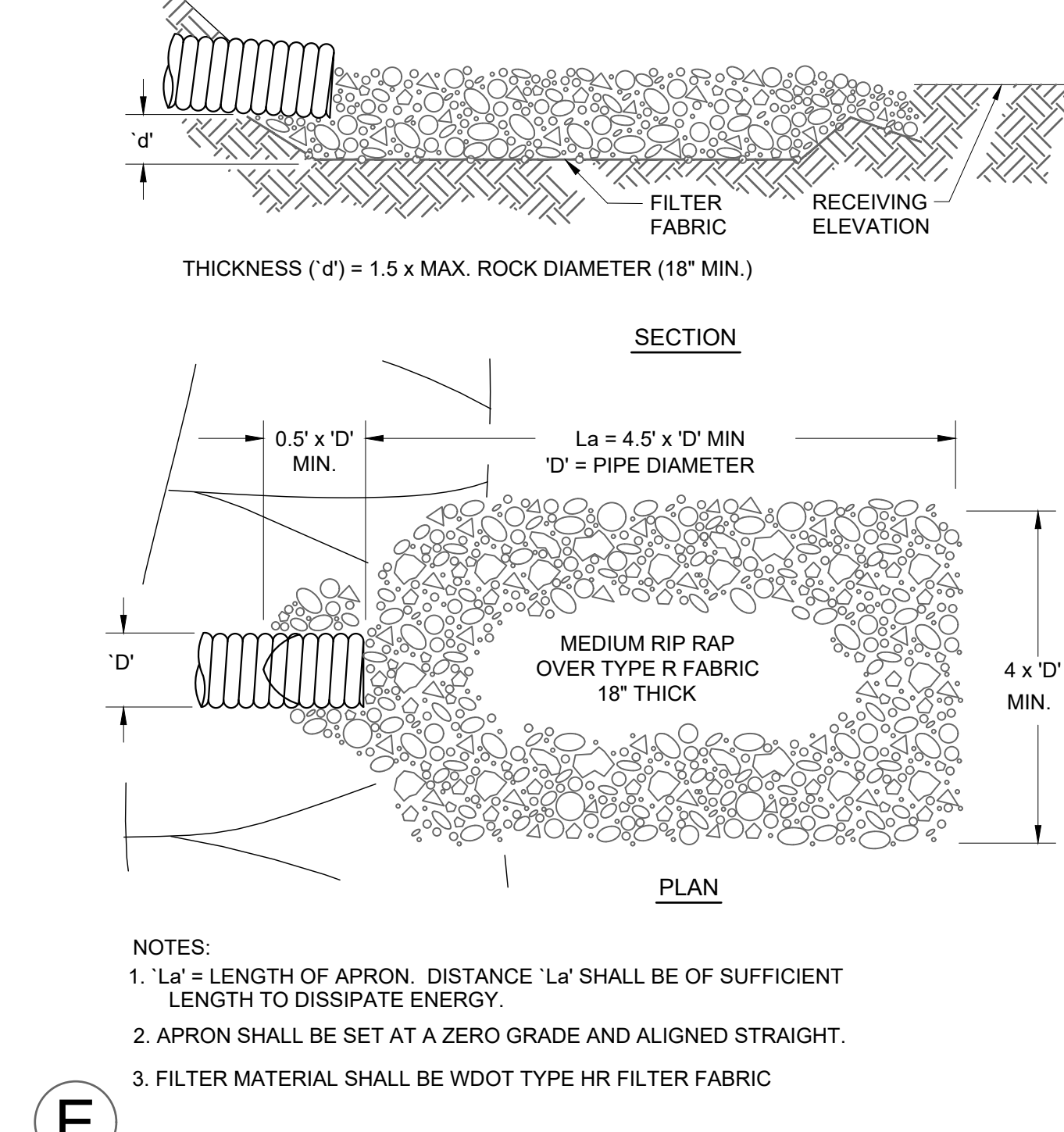
INLET PROTECTION



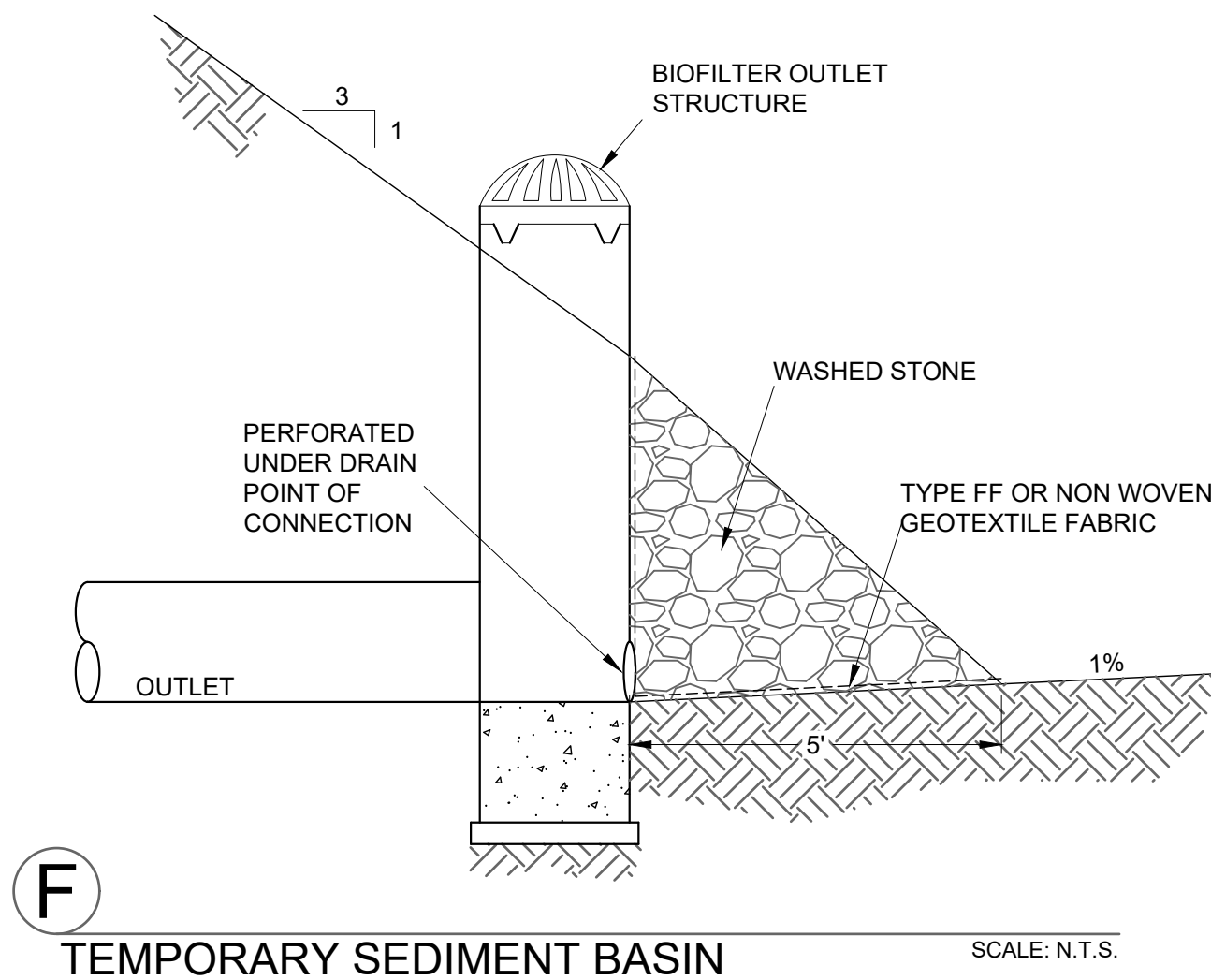
EROSION CONTROL MAT FOR SLOPE INSTALLATION



SILT FENCE



ENERGY DISSIPATOR



TEMPORARY SEDIMENT BASIN

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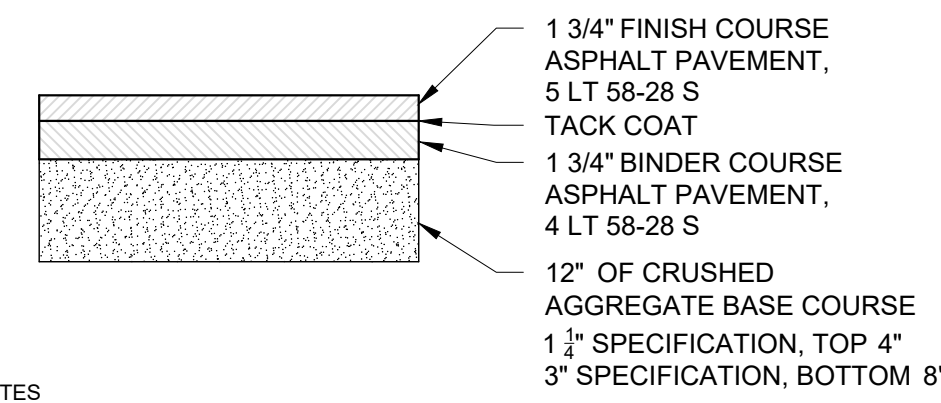
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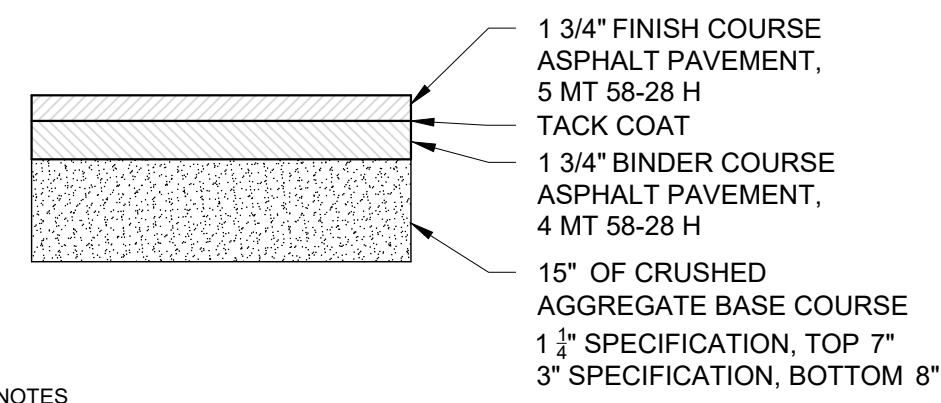
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SITE DETAILS



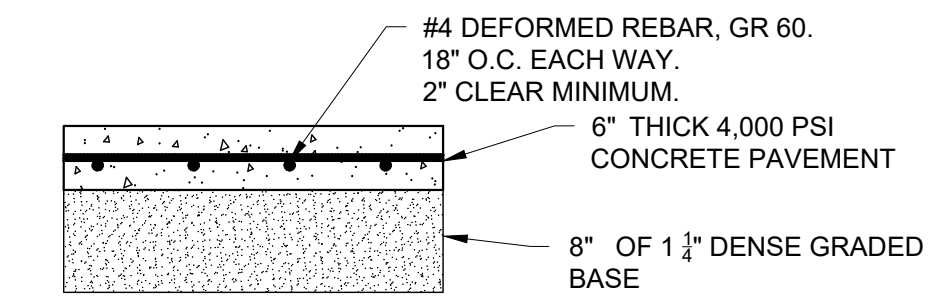
NOTES
1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH WISCONSIN DOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.

A STANDARD DUTY ASPHALT PAVEMENT



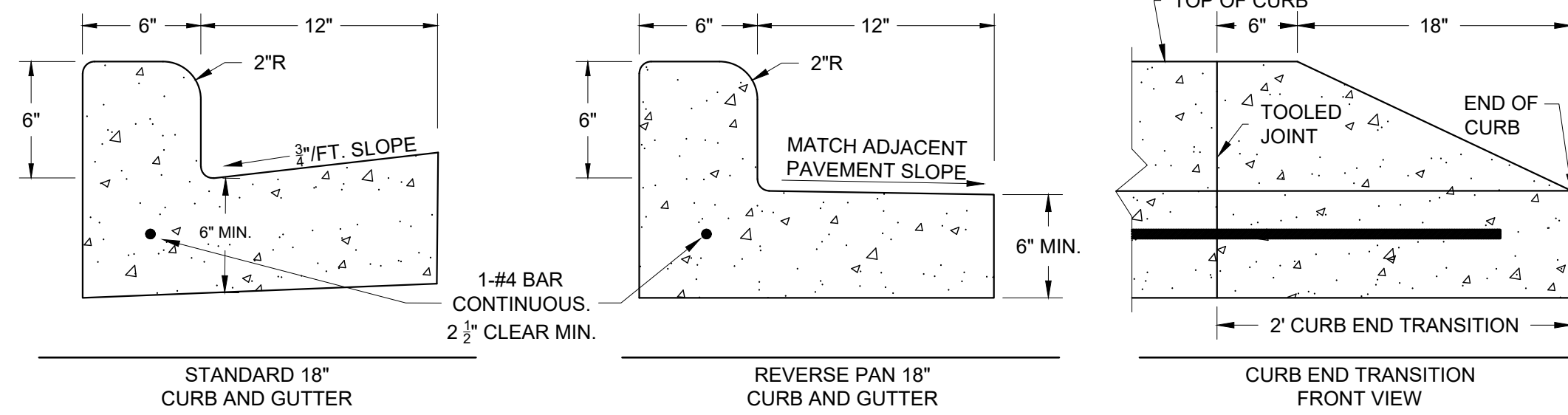
NOTES
1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH WISCONSIN DOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.

B HEAVY DUTY ASPHALT PAVEMENT



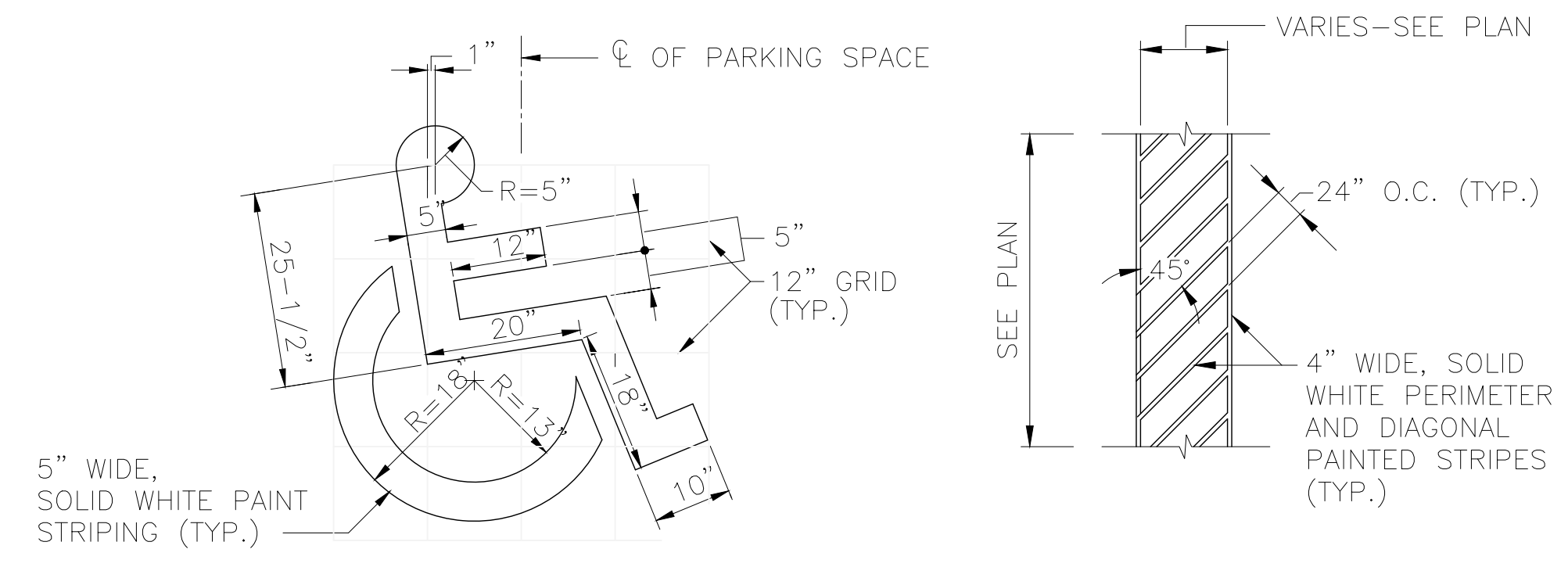
NOTES
1. CONCRETE PAVEMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH WISCONSIN DOT FDM.
2. CONCRETE SHALL RECEIVE A BROOMED FINISH.

C CONCRETE PAVEMENT/SLAB

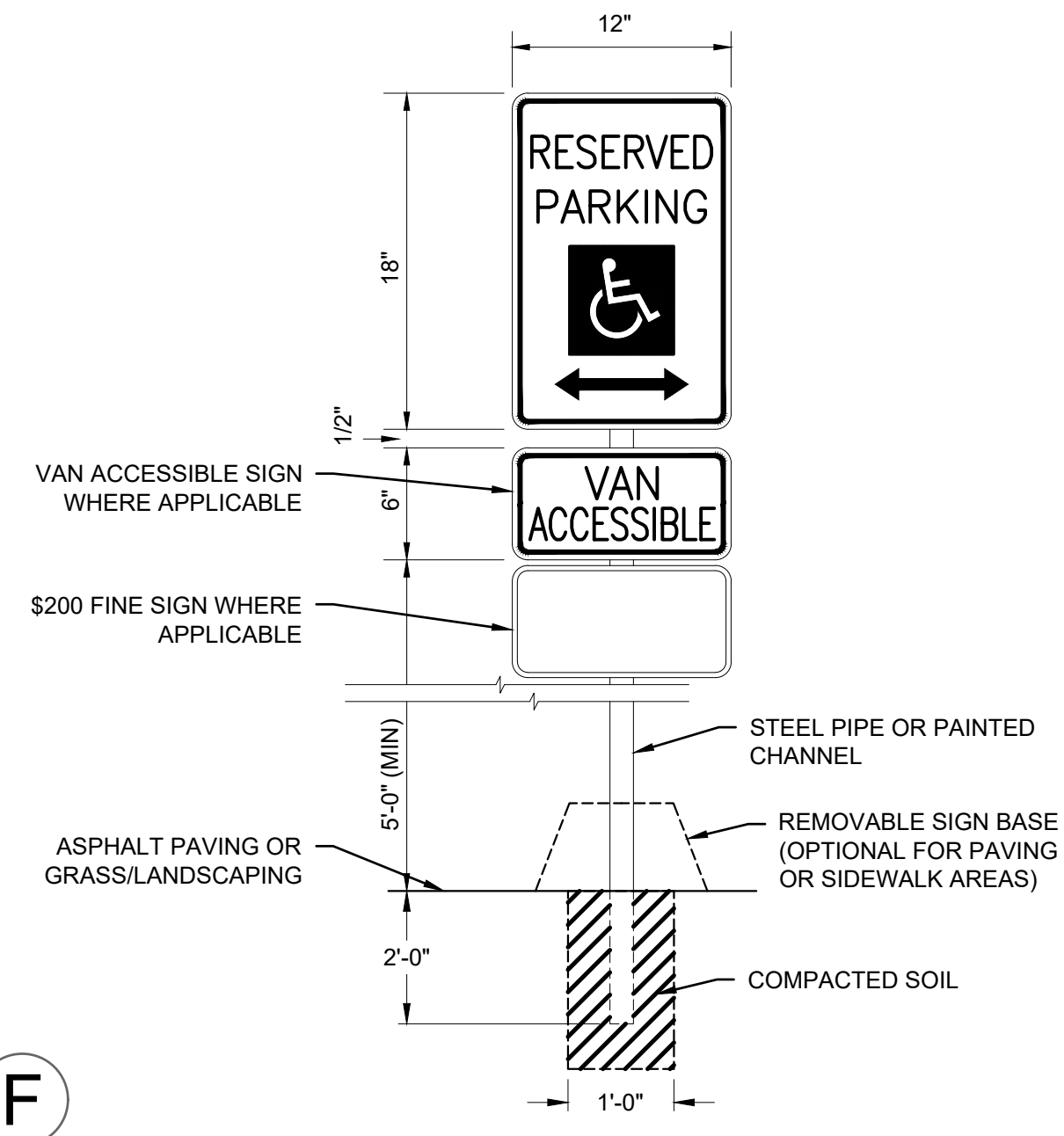


NOTES:
1. THE BOTTOM OF THE CURB AND GUTTER MAY EITHER BE LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE.
2. LOCATION OF STANDARD AND REVERSE PAN CURB AND GUTTER IS INDICATED ON THE DRAWINGS.
3. CURB SHALL BE PLACED ON A MINIMUM OF 6" OF COMPACTED DENSE GRADED BASE.

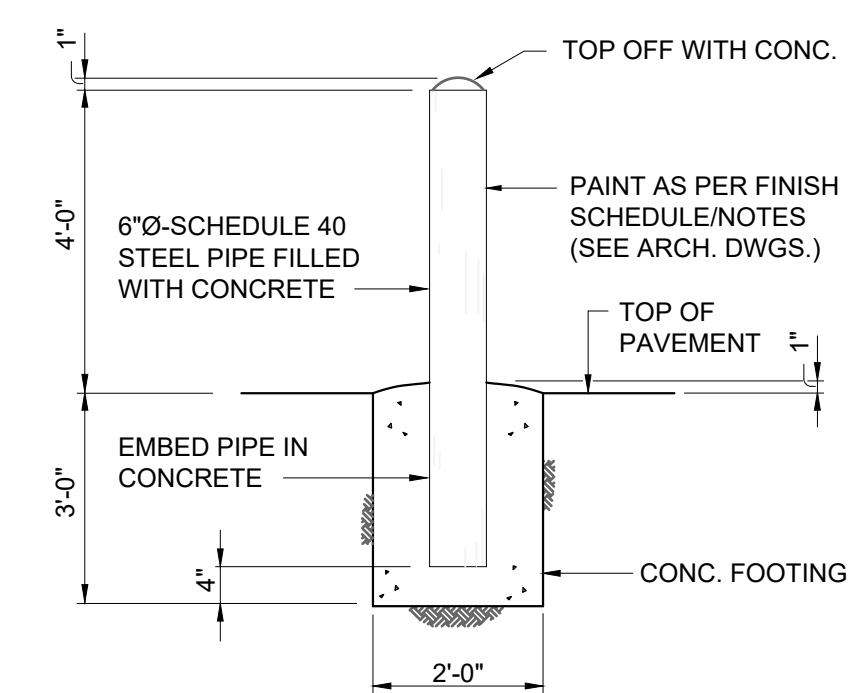
D 18" CONCRETE CURB AND GUTTER



E HANDICAP PAVEMENT MARKING DETAILS



F ADA HANDICAP SIGN



G PIPE BOLLARD - 6"

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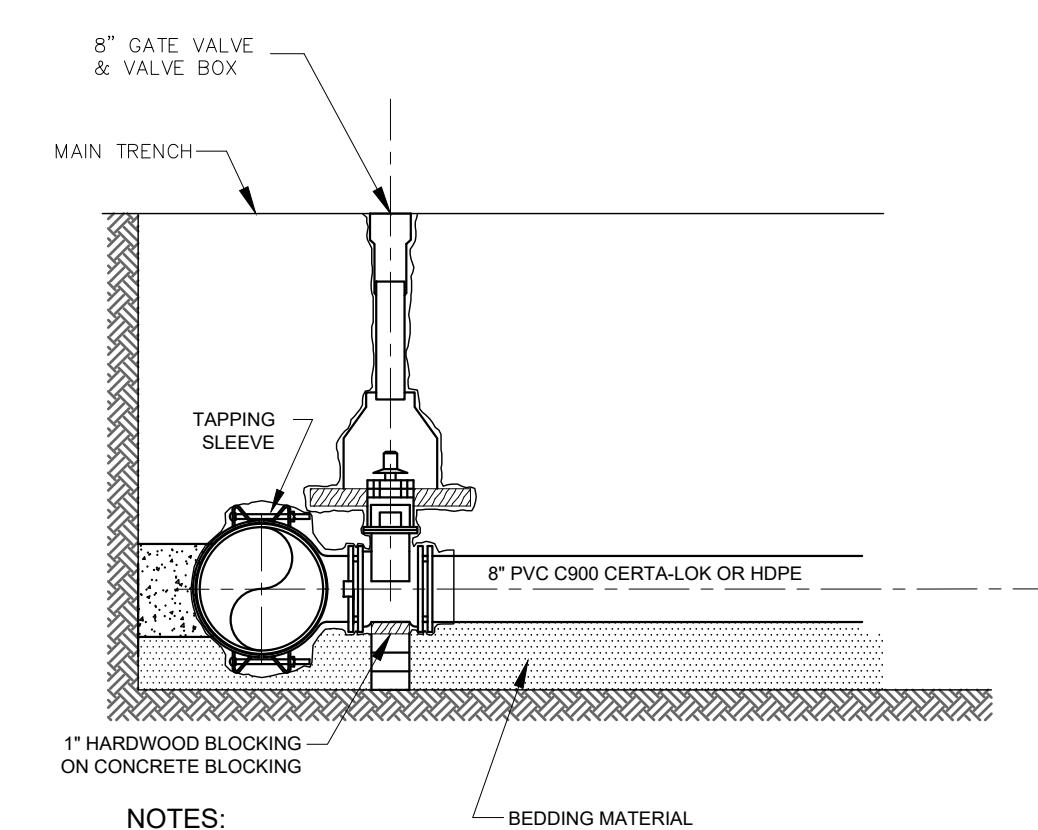
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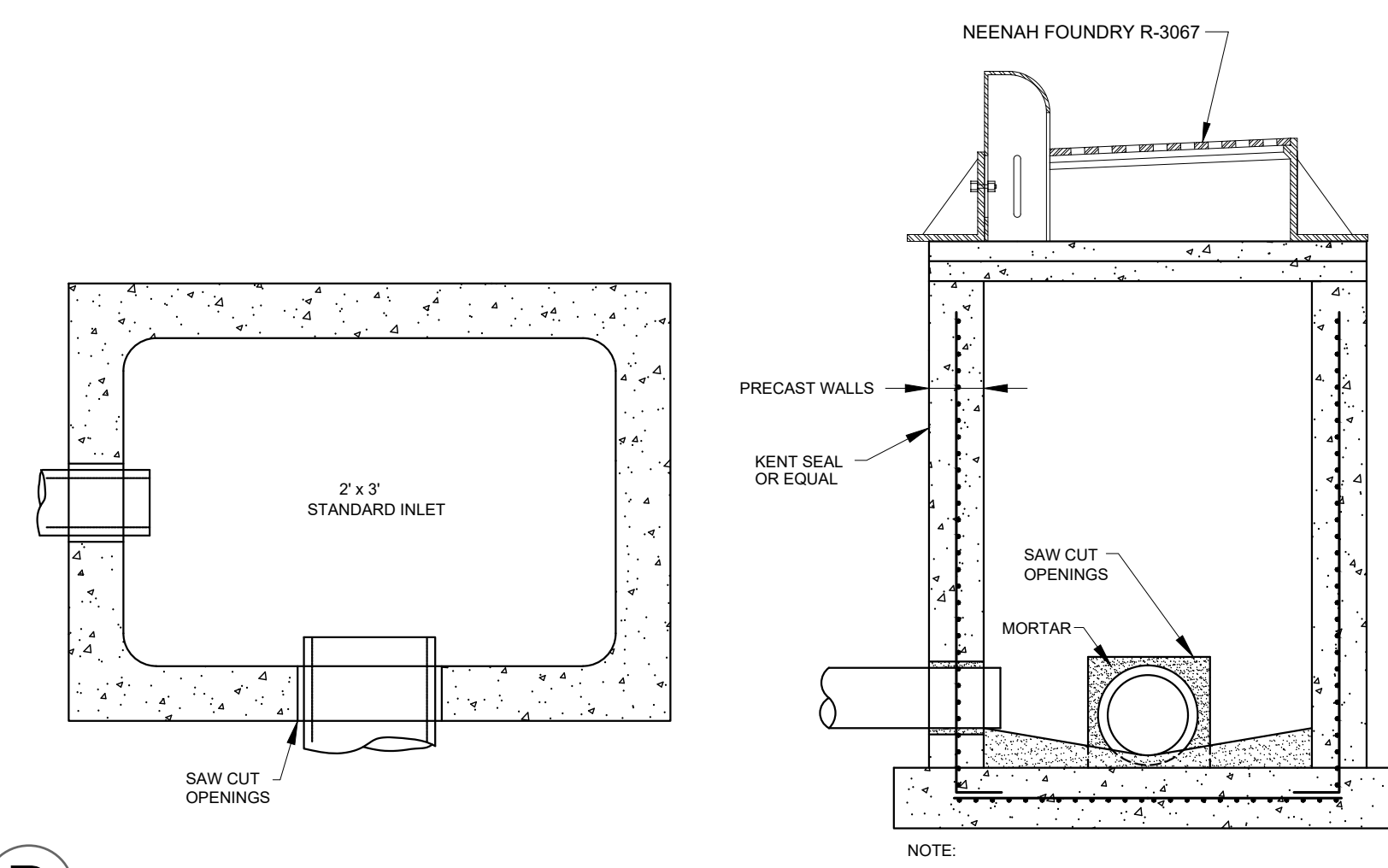
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UTILITY & GRADING DETAILS



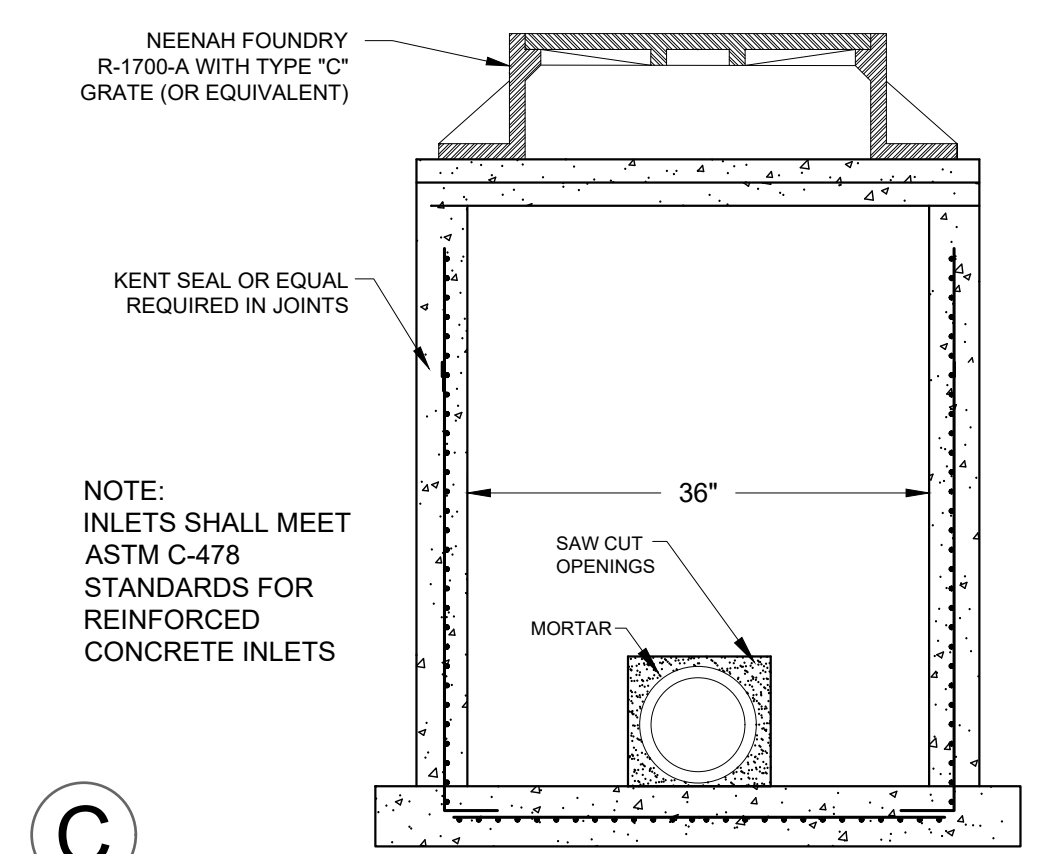
- NOTES:**
1. WATER SERVICE CONNECTION SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION FOR SEWER & WATER CONSTRUCTION IN WISCONSIN.
 2. DISTANCE FROM CURB STOP TO RIGHT OF WAY LINE VARIES BY MUNICIPALITY. CONTRACTOR SHALL CONTACT LOCAL PUBLIC WORKS/WATER DEPARTMENT TO COORDINATE CURB STOP PROXIMITY TO RIGHT OF WAY LINE.
 3. PROVIDE FROST PROTECTION ON SERVICE BOX IN ACCORDANCE WITH STATE STANDARDS.
 4. PIPE MATERIAL SHALL BE IN ACCORDANCE WITH LOCAL MUNICIPAL STANDARD.

A LARGE SERVICE CONNECTION WITH TAPPING SLEEVE



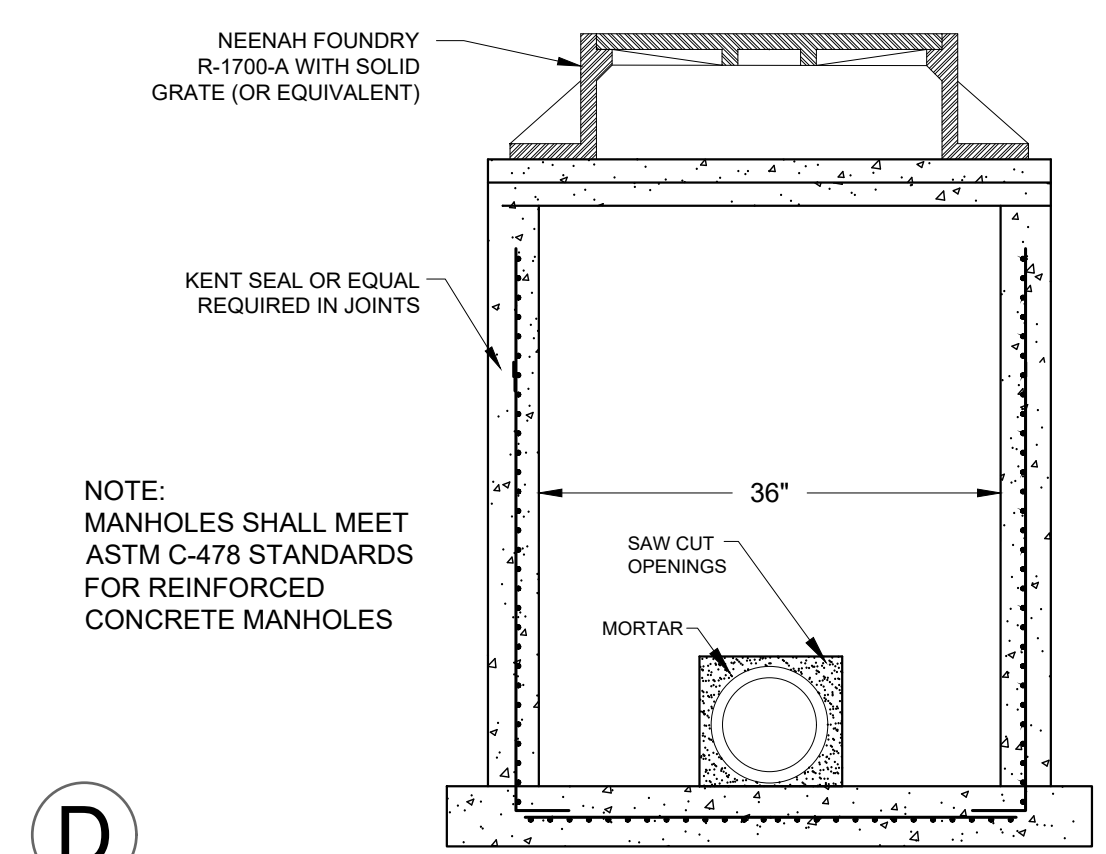
NOTE: ALL INLETS SHALL MEET ASTM C-478 STANDARDS FOR REINFORCED CONCRETE INLETS

B STORM SEWER INLET (24"x36")



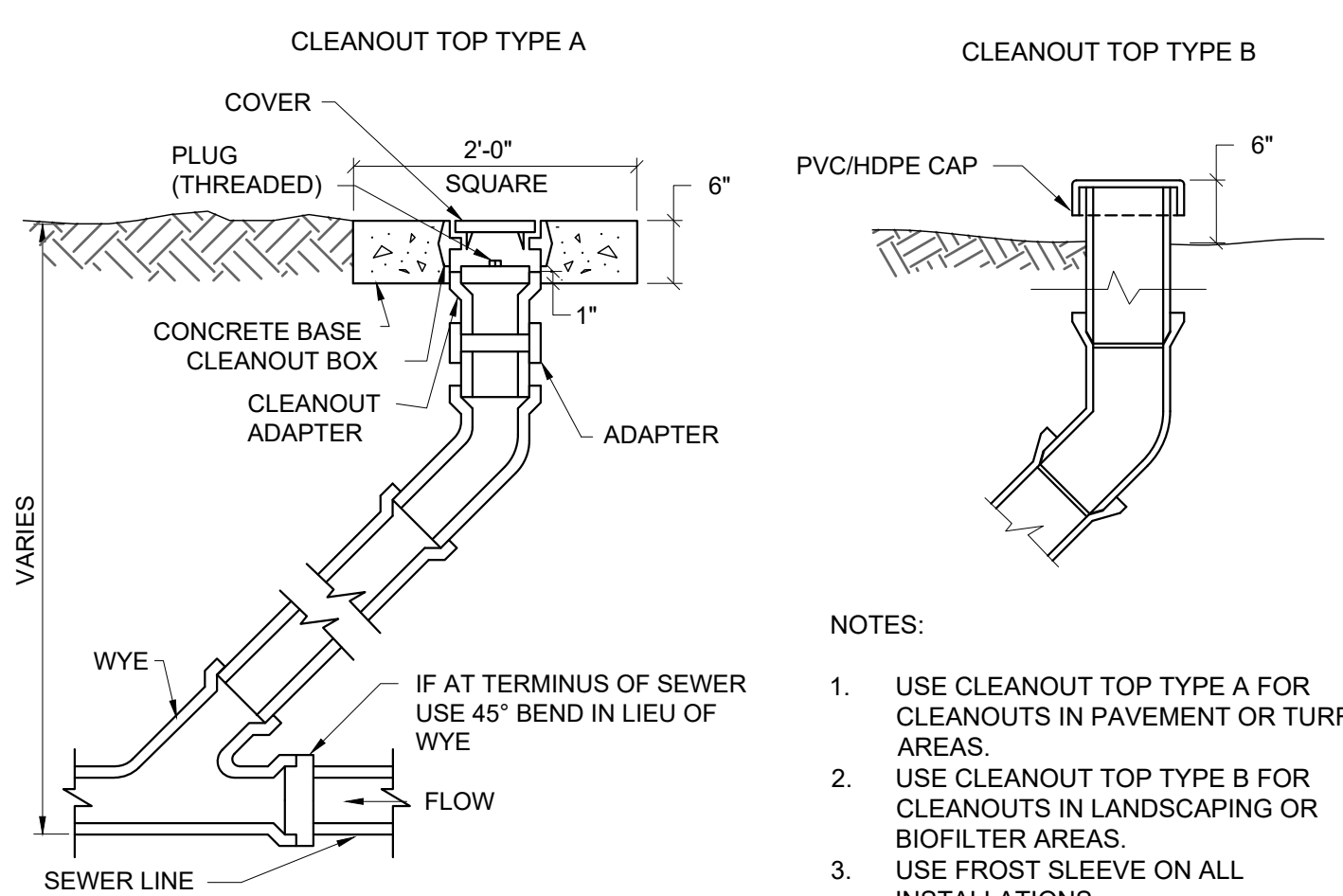
NOTE: INLETS SHALL MEET ASTM C-478 STANDARDS FOR REINFORCED CONCRETE INLETS

C STORM SEWER INLET (36" DIA.)



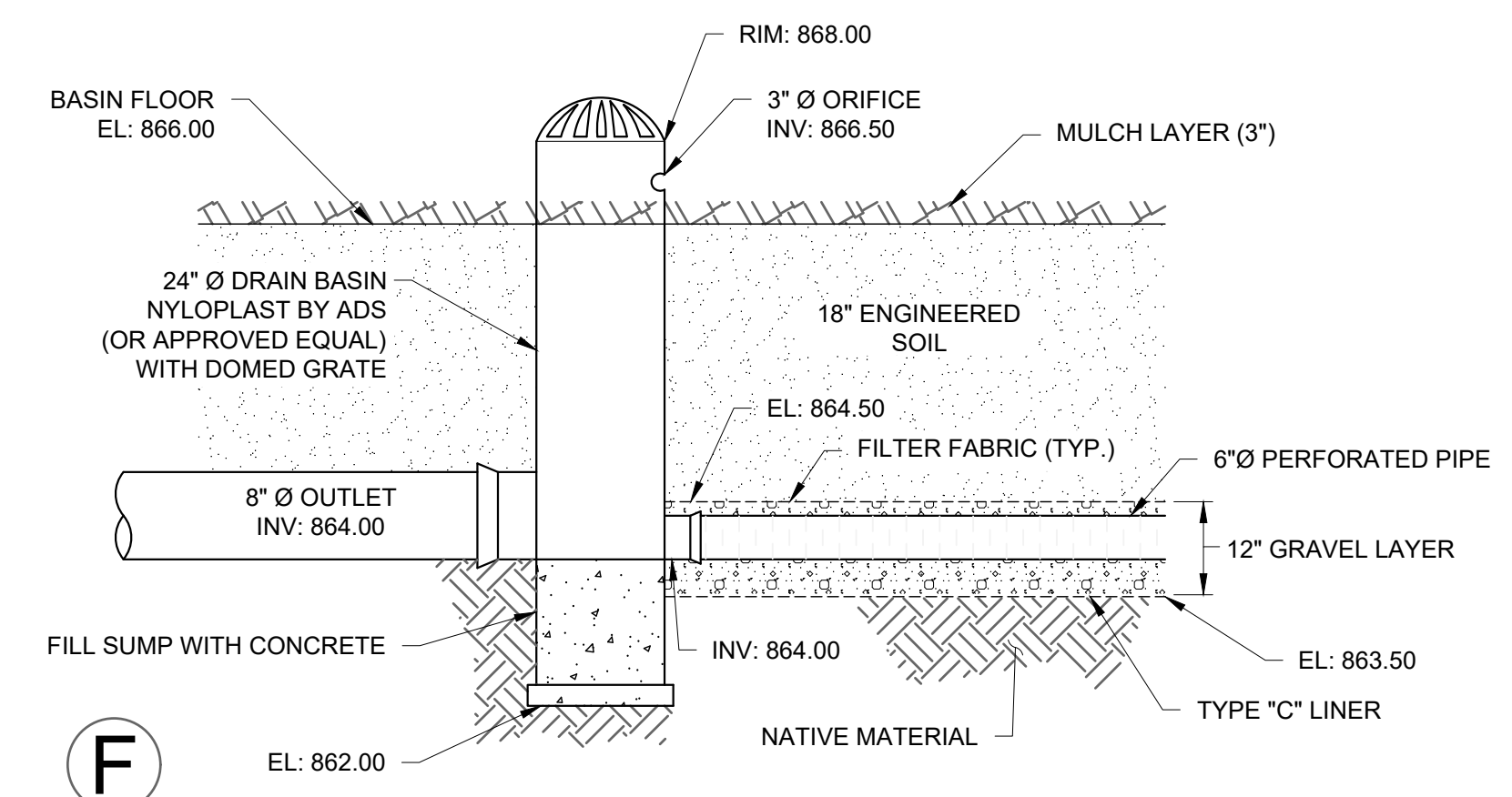
NOTE: MANHOLES SHALL MEET ASTM C-478 STANDARDS FOR REINFORCED CONCRETE MANHOLES

D STORM SEWER MANHOLE (36" DIA.)

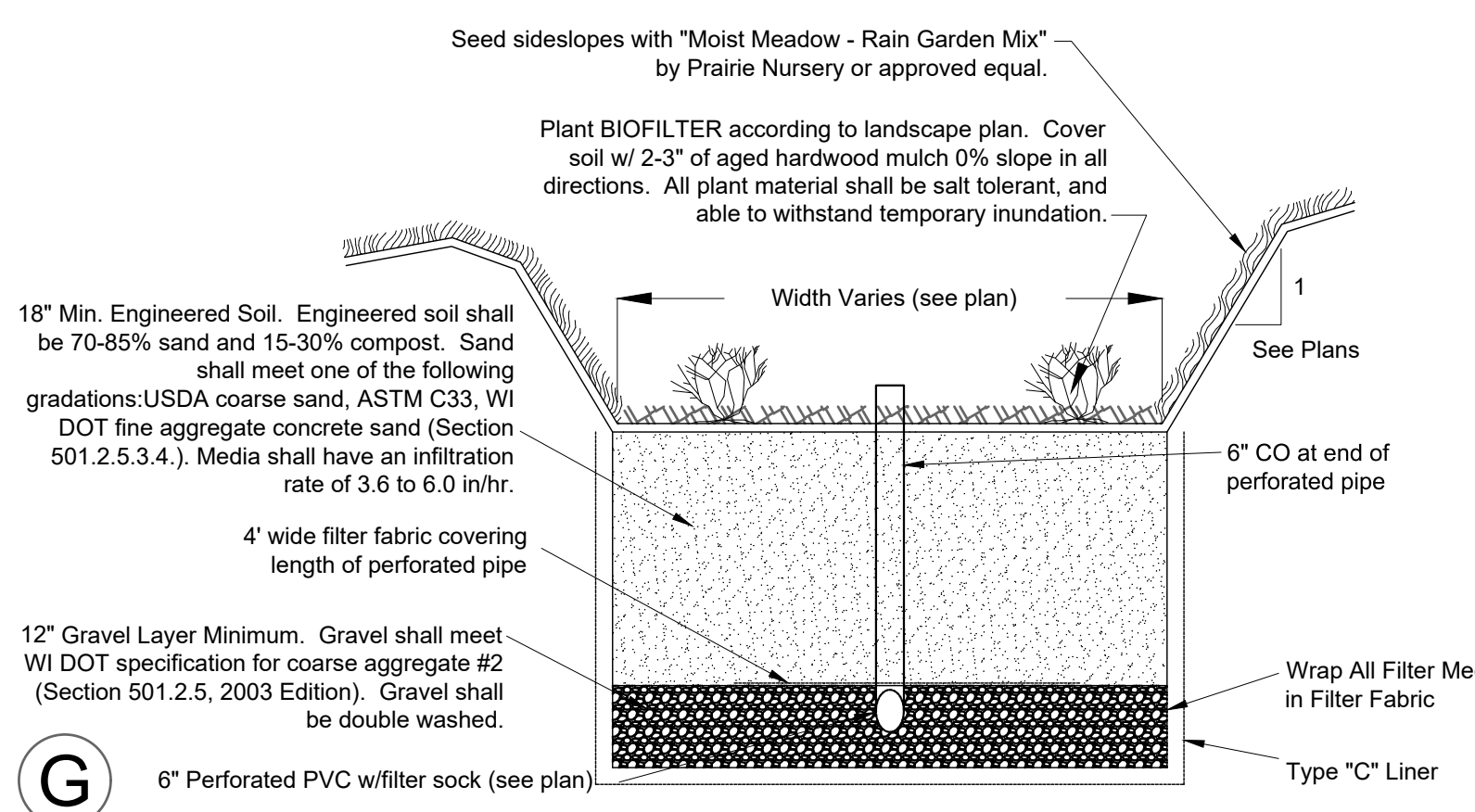


- NOTES:**
1. USE CLEANOUT TOP TYPE A FOR CLEANOUTS IN PAVEMENT OR TURF AREAS.
 2. USE CLEANOUT TOP TYPE B FOR CLEANOUTS IN LANDSCAPING OR BIOFILTER AREAS.
 3. USE FROST SLEEVE ON ALL INSTALLATIONS

E CLEANOUT

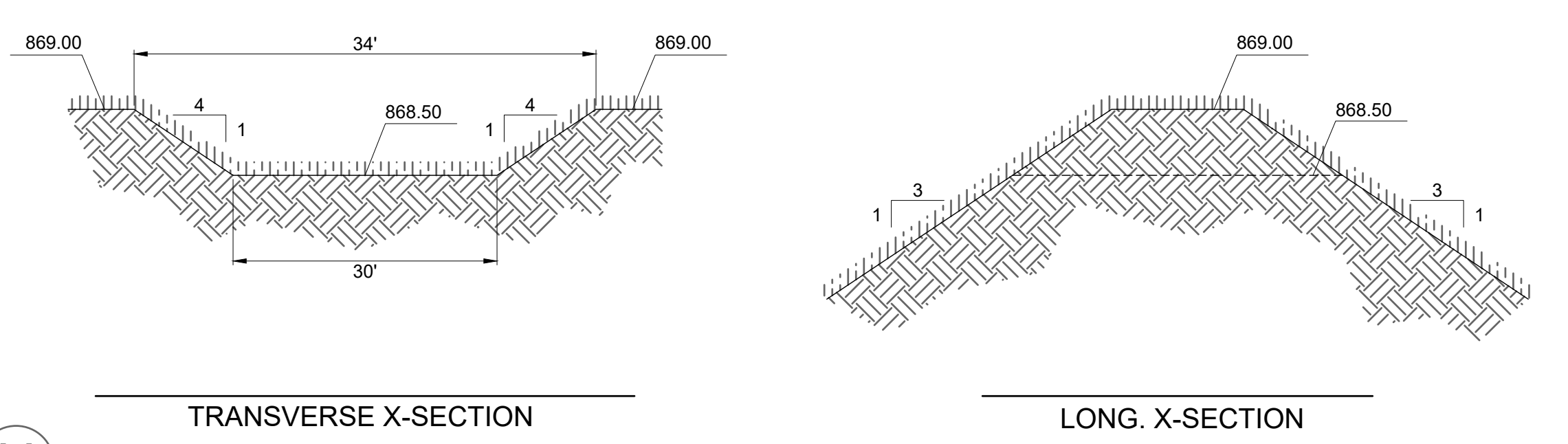


F BIOFILTER OUTLET STRUCTURE

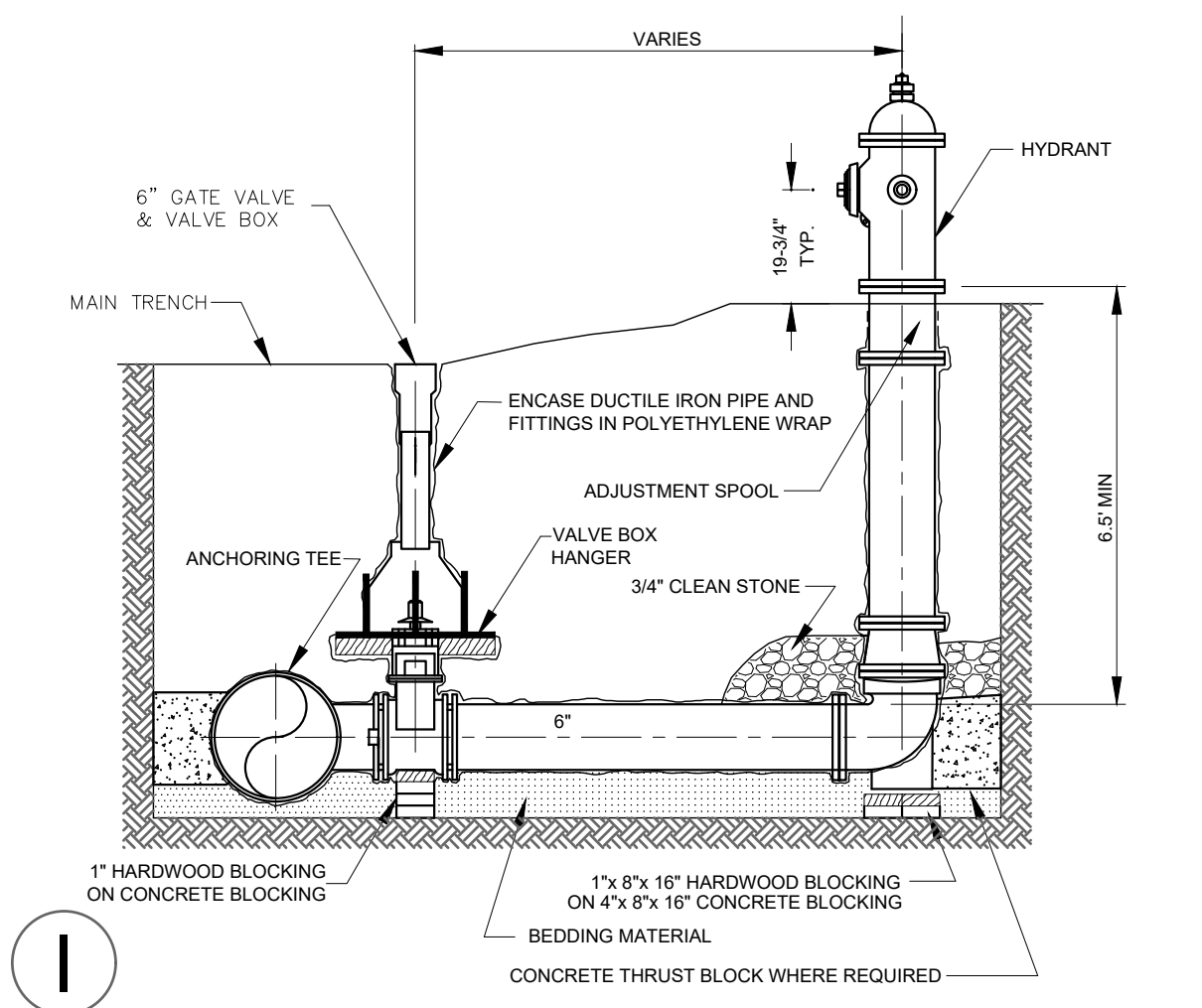


G TYPICAL BIOFILTER CROSS SECTION

- BIOFILTER CONSTRUCTION SEQUENCING AND OVERSIGHT**
- A person trained and experienced in the construction, operation and maintenance of infiltration devices shall be responsible for construction of the device. The following apply:
 1. Construction Site Stabilization - Construction site runoff from disturbed areas shall not be allowed to enter the biofiltration device. Runoff from pervious areas shall be diverted from the device until the pervious areas have undergone final stabilization.
 2. Suitable Weather - Construction shall be suspended during periods of rainfall or snowmelt. Construction shall remain suspended if ponded water is present or if residual soil moisture contributes significantly to the potential for soil smearing, clumping or other forms of compaction.
 3. Compaction Avoidance - Compaction and smearing of the soils beneath the floor and side slopes of the biofiltration area, and compaction of the soils used for backfill in the soil planting bed, shall be minimized. During site development, the area dedicated to the biofiltration device shall be cordoned off to prevent access by heavy equipment. Acceptable equipment for constructing the biofiltration device includes excavation hoses, light equipment with turf type tires, marsh equipment or wide-track loaders.
 4. Compaction Remediation - If compaction occurs at the base of the biofiltration device, the soil shall be refracted to a depth of at least 12 inches. If smearing occurs, the smeared areas of the interface shall be corrected by raking or roto-tilling.
 5. Placement and Setting of Engineered Soil - The following apply:
 - a. Prior to placement in the biofiltration device, the engineered soil shall be remixed and the moisture content shall be low enough to prevent clumping and compaction during placement.
 - b. The engineered soil shall be placed in multiple lifts, each approximately 12 inches in depth.
 - c. Steps may be taken to induce mild settling of the engineered soil bed as needed to prepare a stable planting medium and to stabilize the ponding depth. Vibrating plate-style compactors shall not be used to induce settling.
 6. Planting - The entire soil planting bed shall be mulched prior to planting vegetation to help prevent compaction of the planting soil during the planting process. Mulch shall be pushed aside for the placement of each plant.



H BIOFILTER EMERGENCY OVERFLOW WEIR



I HYDRANT ASSEMBLY

ACS
Construction & Services, Inc.

327 RANDOLPH DR. STE 101
APPLETON, WI 54913
TELE: 920-707-4226 FAX: 920-240-8072

ADDITION AND ALTERATIONS FOR,
21675 DORAL ROAD
TOWN OF BROOKFIELD, WISCONSIN

DATE: MAY 08, 2024
ARCH: _____
D. BY: RPH
JOB: 23-003
REV: _____

MACH IV
ENGINEERING • SURVEYING • ENVIRONMENTAL

2260 Salscheider Court Green Bay, WI 54313
PH: 920-569-5765; Fax: 920-569-5767
www.mach-iv.com
Project Number: 2148-01-23

C
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SHEET KEY NOTES:

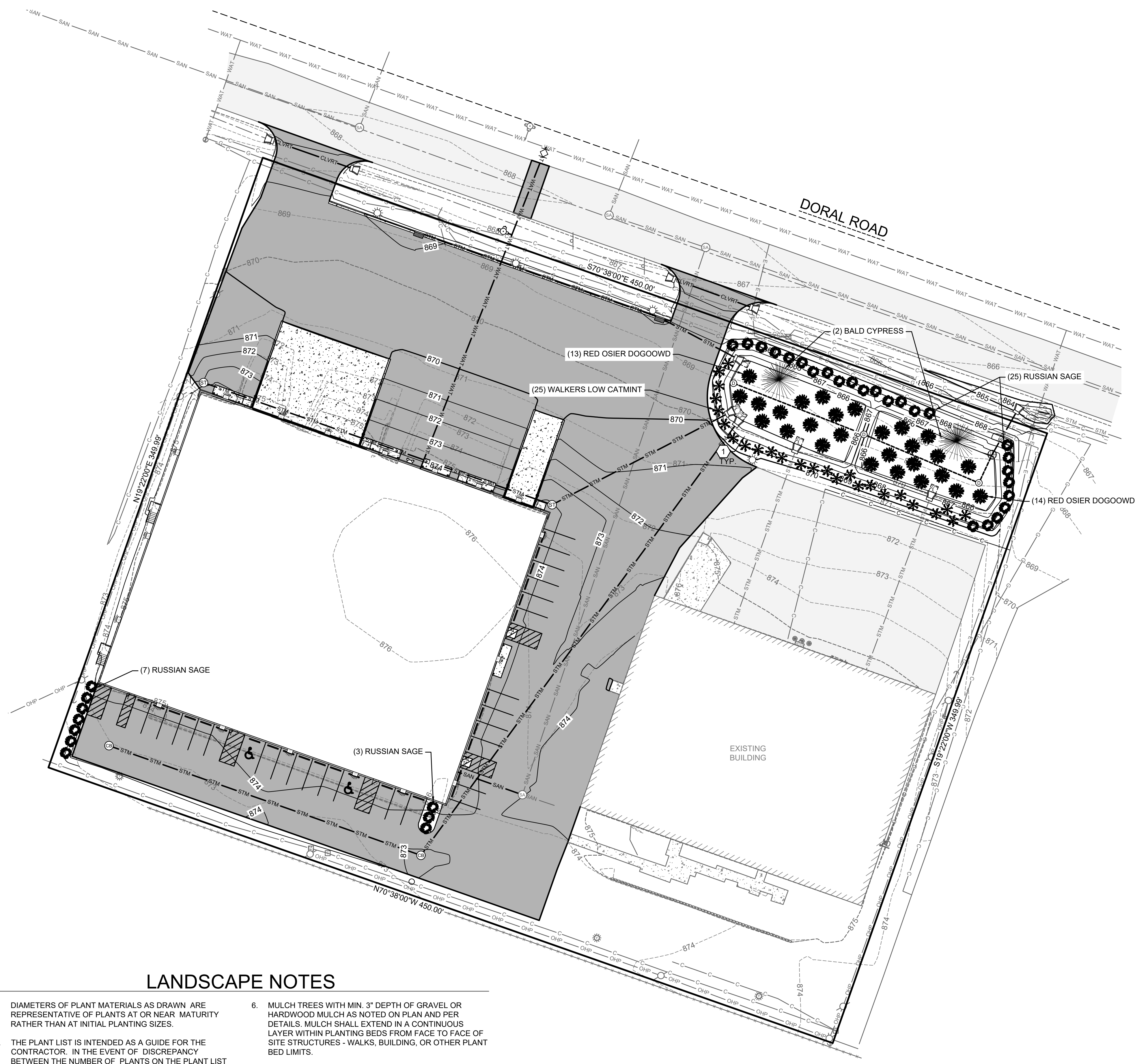
LANDSCAPE PLAN

PLANT TABLE

SYMBOL	COMMON NAME	SCIENTIFIC NAME	QUANTITY	SIZE
●	RED OSIER DOGWOOD	CORNUS SERICEA	27	18"
●	BALDCYPRESS	TAXODIUM DISTICHUM	2	6'
✱	WALKERS LOW CATMINT	NEPETA X FAASSENII 'WALKER'S LOW'	25	3 GAL.
⊙	RUSSIAN SAGE	PEROVSKIA ATRIPLICIFOLIA 'RUSSIAN SAGE'	35	3 GAL.

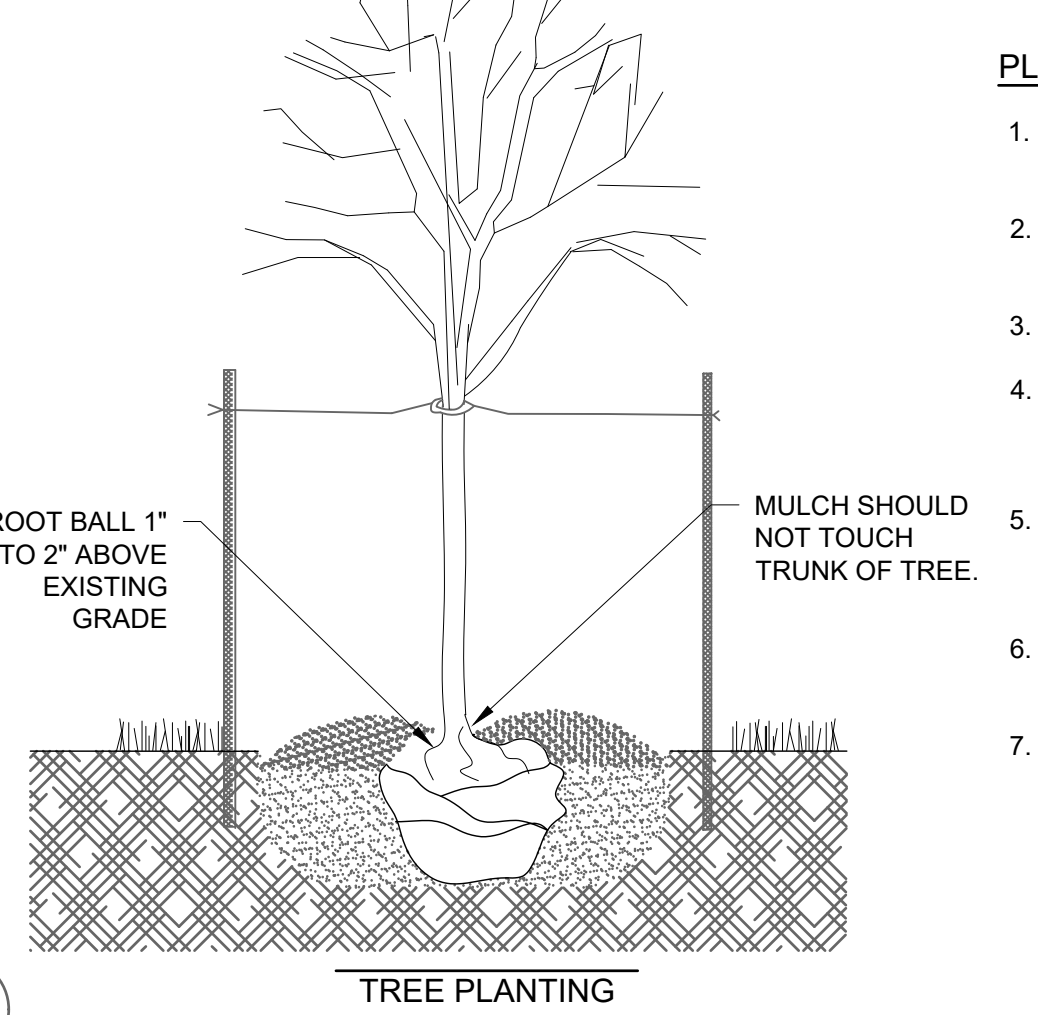
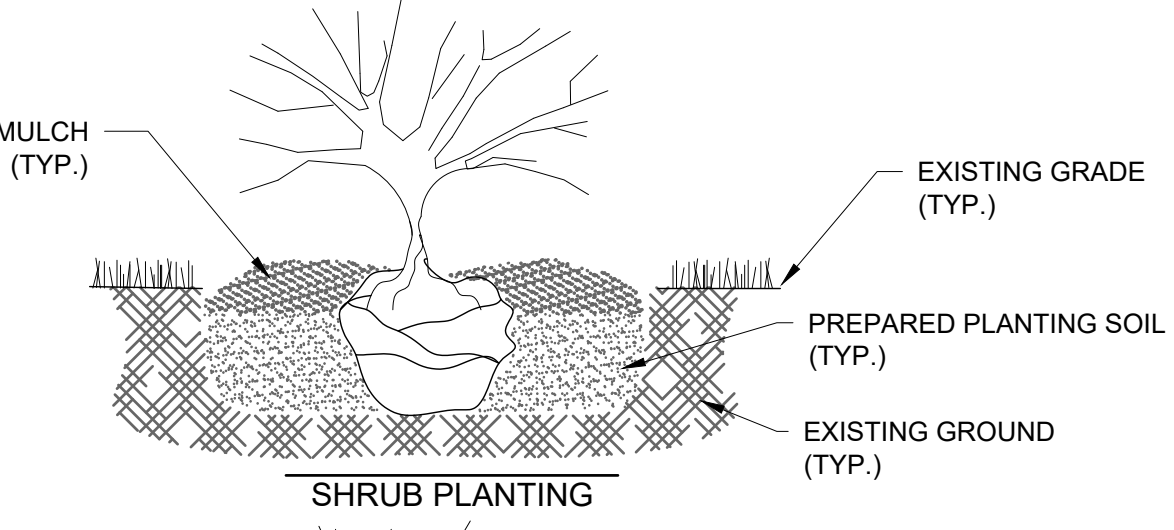
SHEET KEY NOTES:

① VEGETATE REMAINING BIOFILTER BASIN FLOOR AND SIDE SLOPE AREAS ACCORDING TO THE SPACING DESCRIBED IN WDNR TECHNICAL STANDARD 1004 "BIORETENTION FOR INFILTRATION" WITH THE SPECIES LISTED IN THE BIOFILTER PLANT SCHEDULE; SEE DETAIL A THIS SHEET



Common Name
FOX SEDGE
WHITE TURTLEHEAD
SWEET BLACK EYED SUSAN
IRONWEED
GOLDEN ALEXANDERS
BIG BLUESTEM
NEW ENGLAND ASTER
BOTTLE GENTIAN
BLUE FLAG IRIS
MARSH BLAZINGSTAR
GREAT BLUE LOBELIA

A BIOFILTER PLANT SCHEDULE



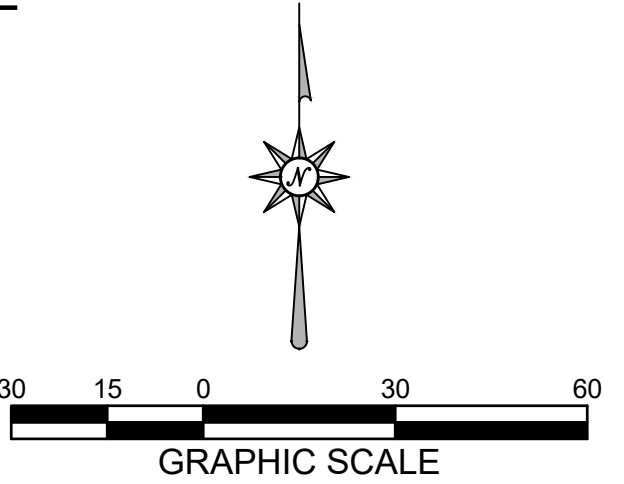
B PLANTING DETAIL

PLANTING NOTES:

1. PLANTING HOLE SHALL BE A MINIMUM OF TWO TIMES THE DIAMETER OF THE ROOT BALL, AND EQUAL TO THE DEPTH OF THE ROOT BALL.
2. EXCAVATED SOIL FROM PLANTING HOLE SHALL BE MIXED WITH 1 PART POTTING SOIL TO 2 PARTS EXCAVATED SOIL.
3. PLANT SO THAT THE ROOT COLLAR WILL BE 1" TO 2" ABOVE EXISTING GRADE.
4. IF BALLED AND BURLAPED, PLACE PLANT IN HOLE, CUT THE BURLAP TWINE, AND PEEL BACK THE TOP TWO THIRDS OF BURLAP. IF POTTED REMOVE POT, AND PLACE PLANT INTO HOLE.
5. BACKFILL HOLE WITH PREPARED SOIL, AND MOUND SOIL 2" TO 3" HIGH IN A RING AT THE PERIMETER OF THE EXCAVATED HOLE. WATER AND SMOOTH RING PRIOR TO MULCHING.
6. MULCH WITH 3" OF SHREDDED HARDWOOD MULCH OR LANDSCAPE STONE (RIVER ROCK, NOT CRUSHED STONE)
7. IF STAKING IS REQUIRED FOR TREES TWO STAKES SHALL BE USED ONE ON THE PREVAILING WIND SIDE OF THE TREE, AND THE OTHER STAKE ON THE OPPOSITE SIDE. STAKES SHALL BE FASTENED TO THE TREE USING RUBBER TUBING, OR NYLON STRAPPING.

LANDSCAPE NOTES

1. DIAMETERS OF PLANT MATERIALS AS DRAWN ARE REPRESENTATIVE OF PLANTS AT OR NEAR MATURITY RATHER THAN AT INITIAL PLANTING SIZES.
2. THE PLANT LIST IS INTENDED AS A GUIDE FOR THE CONTRACTOR. IN THE EVENT OF DISCREPANCY BETWEEN THE NUMBER OF PLANTS ON THE PLANT LIST AND ON THE DRAWING, THE GREATER NUMBER SHALL APPLY.
3. ADJUSTMENTS IN LOCATIONS OF PLANT MATERIALS MAY BE NECESSARY DUE TO NEW OR EXISTING UTILITIES OR SITE OBSTRUCTIONS. REVIEW WITH ARCHITECT BEFORE ADJUSTMENTS ARE MADE.
4. ALL SHRUBS OCCURRING IN CONTINUOUS ROW OR FORMAL ARRANGEMENT SHALL HAVE UNIFORM HEIGHT, SPREAD AND HABIT OF GROWTH. FOR GROUND COVER LOCATIONS, FILL AREA WITH QUANTITY OF PLANTS DESIGNATED; EVENLY SPACED.
5. A MINIMUM OF 12" DEPTH OF 50% TOPSOIL AND 50% COMPOST SHALL BE PLACED IN ALL BED AREAS BY THE CONTRACTOR PRIOR TO PLANT INSTALLATION.
6. MULCH TREES WITH MIN. 3" DEPTH OF GRAVEL OR HARDWOOD MULCH AS NOTED ON PLAN AND PER DETAILS. MULCH SHALL EXTEND IN A CONTINUOUS LAYER WITHIN PLANTING BEDS FROM FACE OF SITE STRUCTURES - WALKS, BUILDING, OR OTHER PLANT BED LIMITS.
7. PROTECT EXISTING LAWN AREAS; REPAIR ANY CONTRACT RELATED DAMAGE TO LAWN AREAS.
8. THE CONTRACTOR SHALL MAINTAIN ALL PLANTS AND BEDS FOR A 90 DAY PERIOD AFTER ACCEPTANCE OF THE WORK BY THE ARCHITECT. THIS INCLUDES REGULAR WATERING, WEEDING AND MOWING.
9. THE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE-YEAR FROM DATE OF ACCEPTANCE. BEFORE END OF WARRANTY PERIOD CONTRACTOR SHALL REPLACE ALL TREES, SHRUBS OR PLANTINGS NOT ALIVE OR IN A HEALTHY GROWING CONDITION.
10. SEED ALL DISTURBED AREAS WITH Wdot No. 40 GRASS MIX.



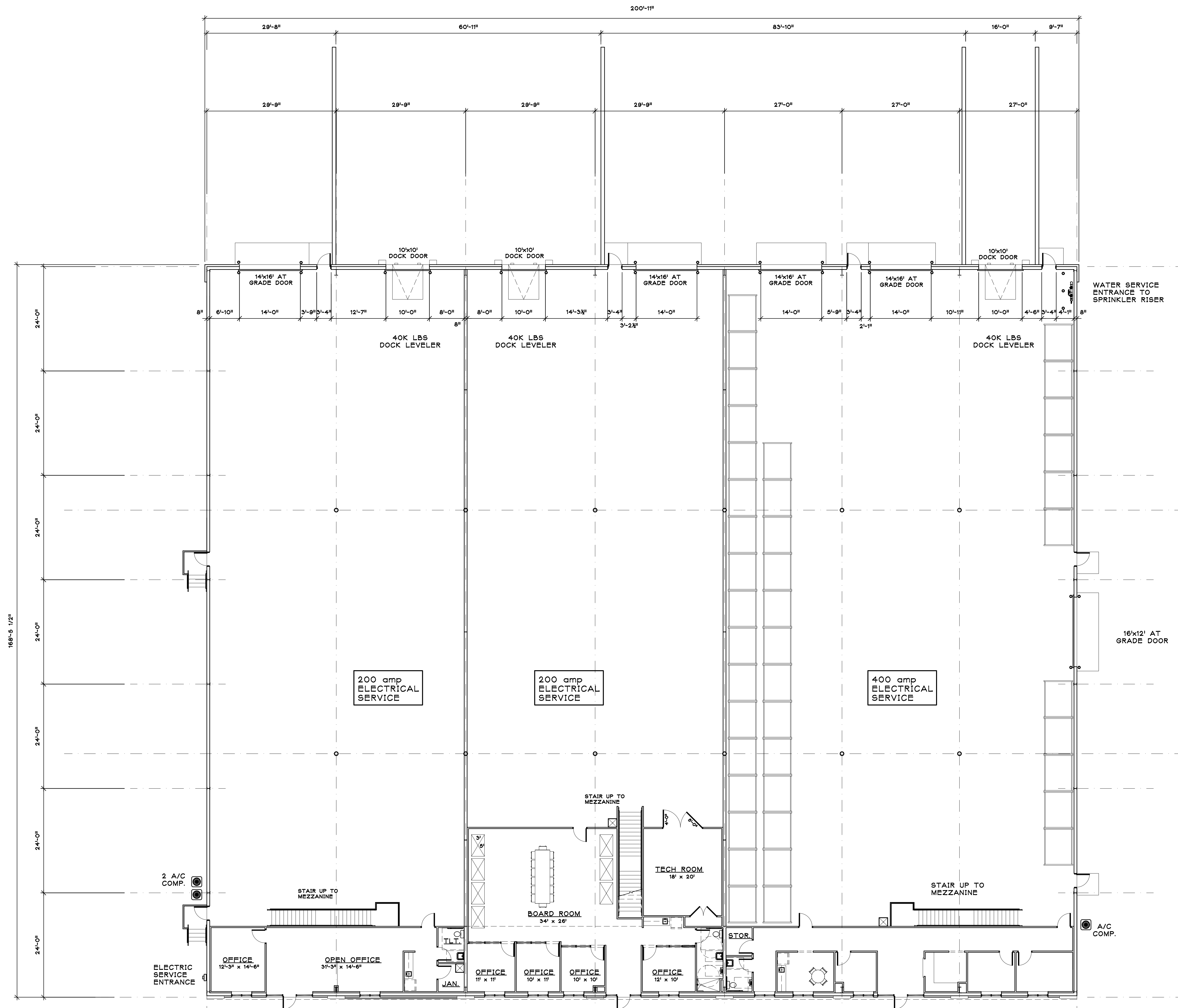
2260 Salscheider Court Green Bay, WI 54313
 PH: 920-569-5765; Fax: 920-569-5767
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ADDITION AND ALTERATIONS FOR,
21675 DORAL ROAD
 TOWN OF BROOKFIELD, WISCONSIN

DATE: MAY 08, 2024
 ARCH: _____
 D. BY: RPH
 JOB: 23-003
 REV: _____

L
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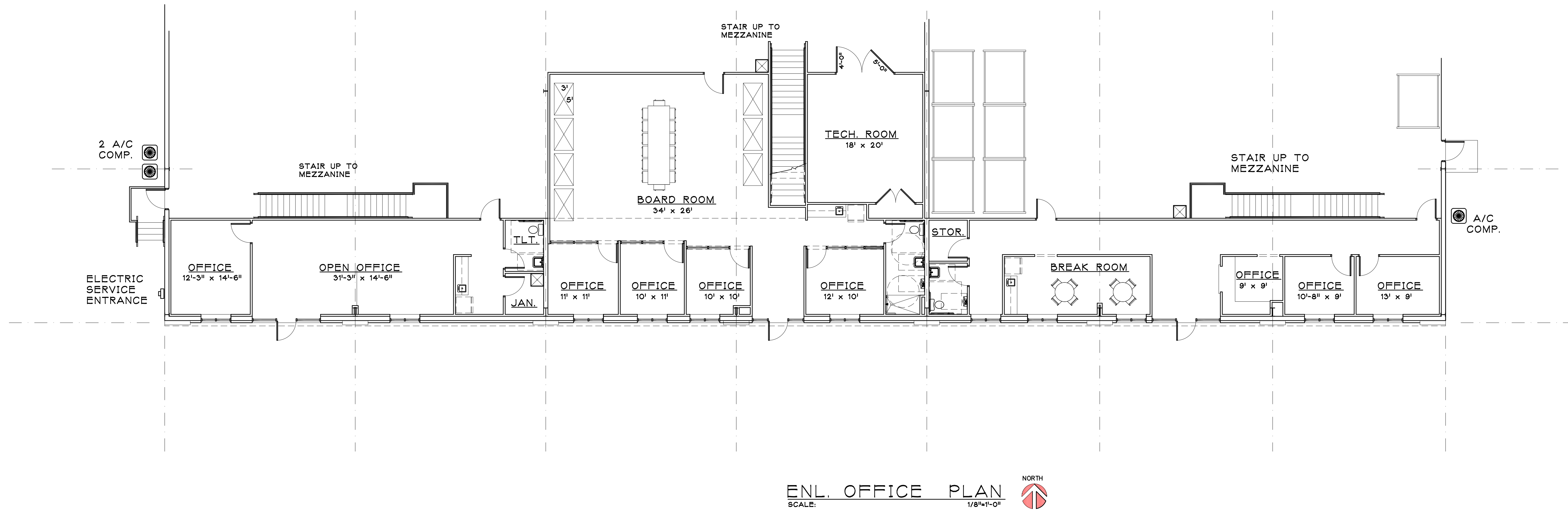
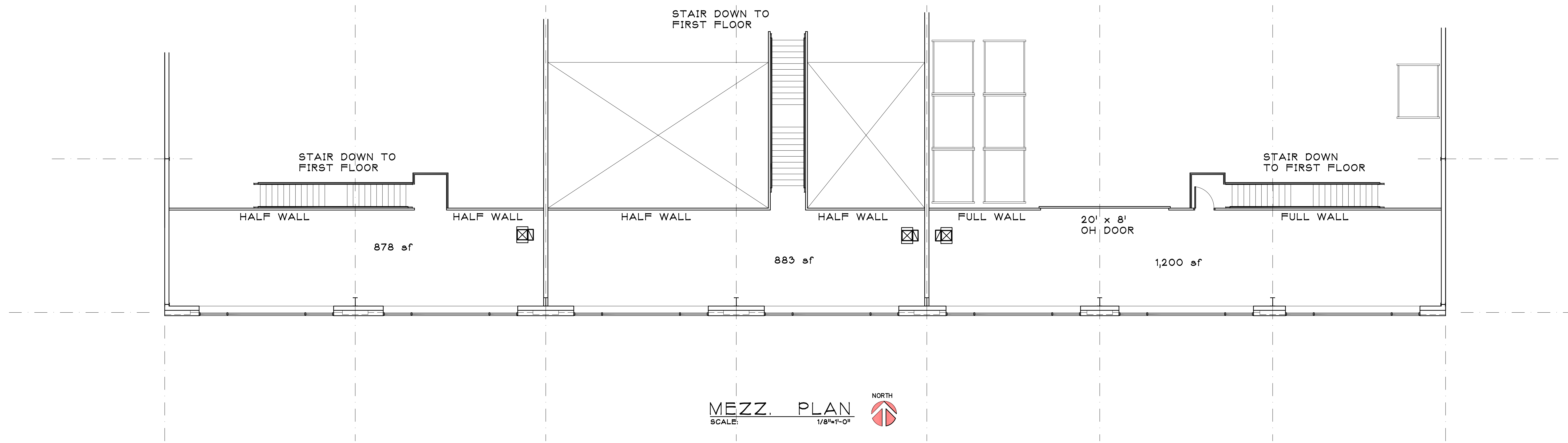


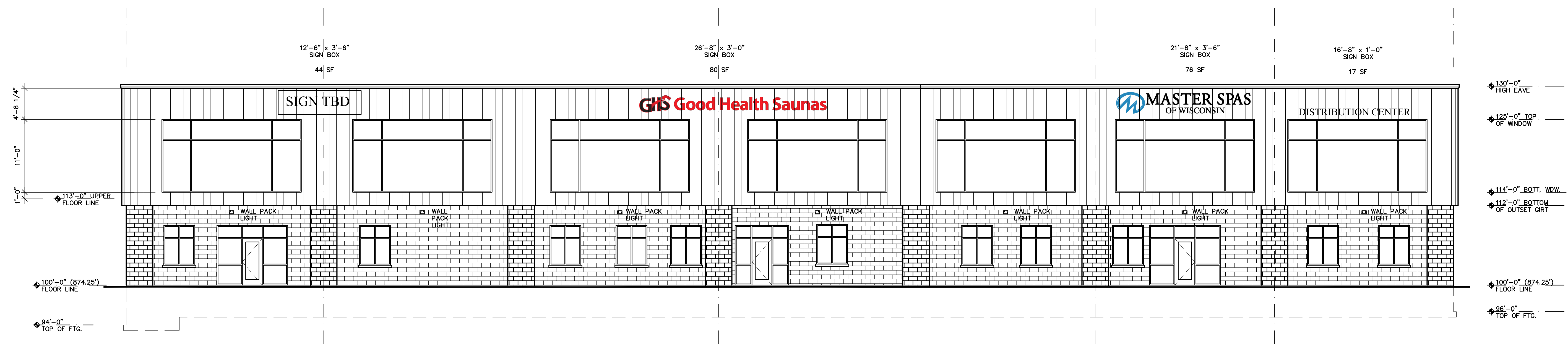
A PROPOSED NEW WAREHOUSE FACILITY FOR
MASTER SPAS
 TOWN OF BROOKFIELD, WISCONSIN

DATE: APRIL 24, 2024
 ARCH. K. SPERL
 D. BY: _____
 JOB: 23-087
 REV. _____

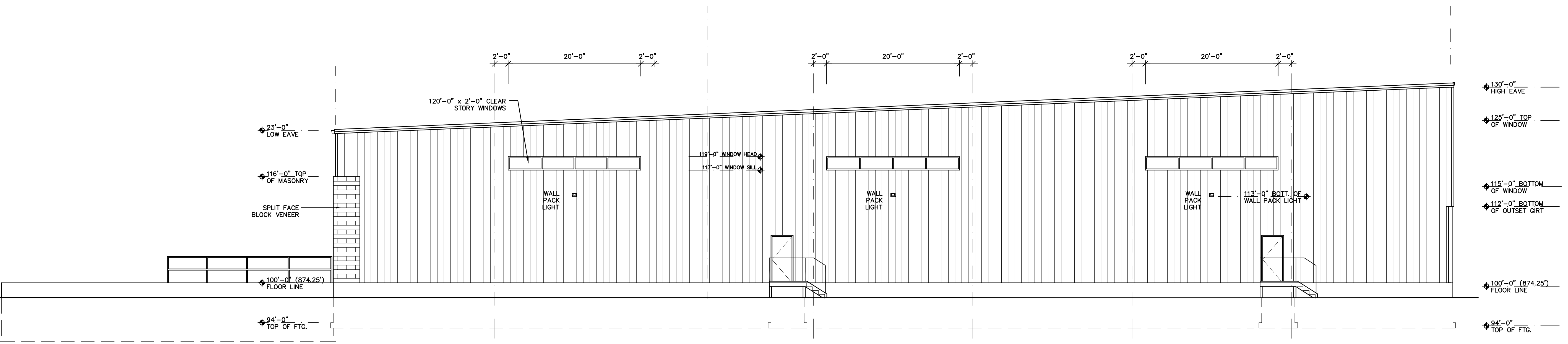
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FLOOR PLAN NORTH
 SCALE: 3/32"=1'-0"

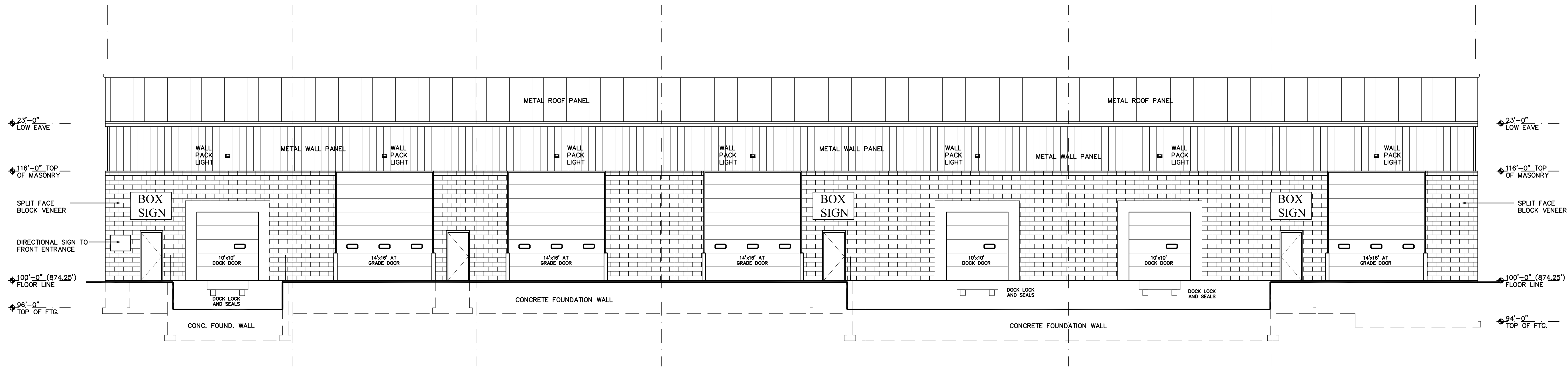




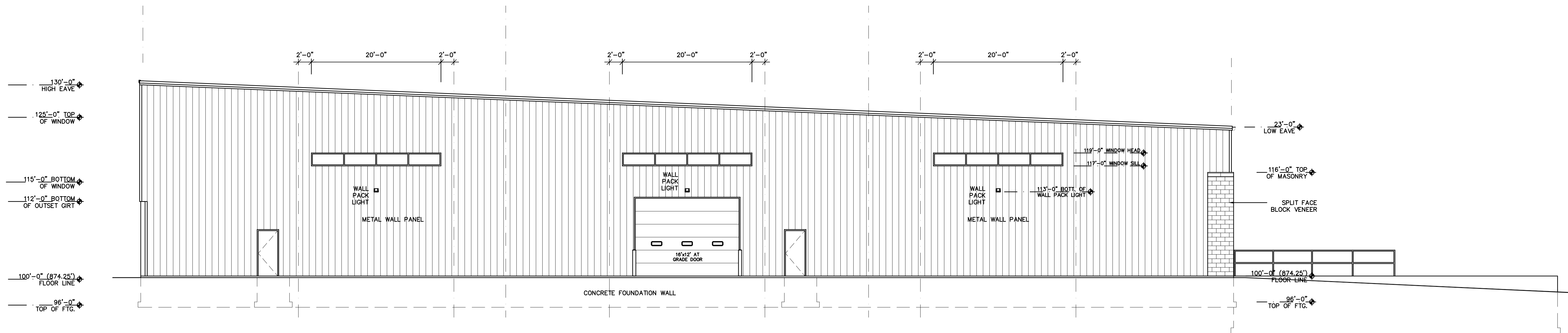
SOUTH ELEVATION
 SCALE: 1/8"=1'-0"



WEST ELEVATION
 SCALE: 1/8"=1'-0"



NORTH ELEVATION
SCALE: 1/8"=1'-0"



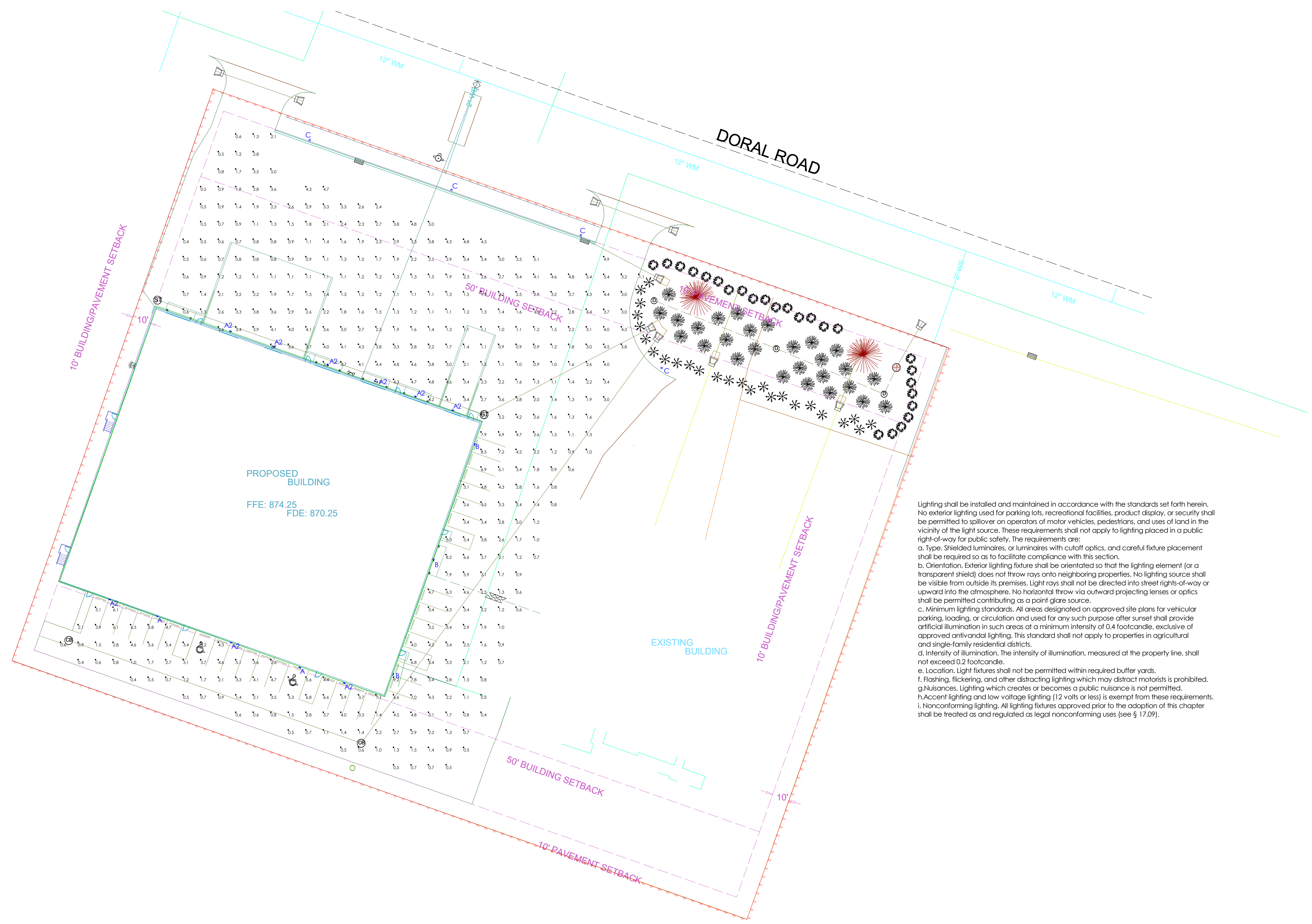
EAST ELEVATION
SCALE: 1/8"=1'-0"



Proposed Building For:
Master Spas Waukesha Warehouse Building
Waukesha, Wisconsin

DATE: 03/06/24
 ARCH: K. SPERL
 D. BY: J. MILLER
 JOB: 22-025
 REV.

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3.0



Lighting shall be installed and maintained in accordance with the standards set forth herein. No exterior lighting used for parking lots, recreational facilities, product display, or security shall be permitted to spillover on operators of motor vehicles, pedestrians, and uses of land in the vicinity of the light source. These requirements shall not apply to lighting placed in a public right-of-way for public safety. The requirements are:

- Type. Shielded luminaires, or luminaires with cutoff optics, and careful fixture placement shall be required so as to facilitate compliance with this section.
- Orientation. Exterior lighting fixture shall be orientated so that the lighting element (or a transparent shield) does not throw rays onto neighboring properties. No lighting source shall be visible from outside its premises. Light rays shall not be directed into street rights-of-way or upward into the atmosphere. No horizontal throw via outward projecting lenses or optics shall be permitted contributing as a point glare source.
- Minimum lighting standards. All areas designated on approved site plans for vehicular parking, loading, or circulation and used for any such purpose after sunset shall provide artificial illumination in such areas at a minimum intensity of 0.4 footcandle, exclusive of approved anti-vandal lighting. This standard shall not apply to properties in agricultural and single-family residential districts.
- Intensity of illumination. The intensity of illumination, measured at the property line, shall not exceed 0.2 footcandle.
- Location. Light fixtures shall not be permitted within required buffer yards.
- Flashing, flickering, and other distracting lighting which may distract motorists is prohibited.
- Nuisances. Lighting which creates or becomes a public nuisance is not permitted.
- Accent lighting and low voltage lighting (12 volts or less) is exempt from these requirements.
- Nonconforming lighting. All lighting fixtures approved prior to the adoption of this chapter shall be treated as and regulated as legal nonconforming uses (see § 17.09).

Scale: 1 inch= 26 Ft.

Luminaire Schedule				
Symbol	Qty	Label	Description	
	2	A	LED FULL CUTOFF WALL PACK	Luminaire Watts: 47, Total Watts: 94
	9	A2	LED FULL CUTOFF WALL PACK	Luminaire Watts: 47, Total Watts: 423
	3	B	LED FULL CUTOFF WALL PACK	Luminaire Watts: 122, Total Watts: 366
	4	C	LED AREA LIGHT ON 20' SSS POLE	Luminaire Watts: 196, Total Watts: 784

Calculation Summary					
Label	Units	Avg	Max/Min	Min	Max
LOT CALCS	Fc	2.6	23.0	0.4	9.2
PROPERTY LINE	Fc	0.1	N.A.	0.0	0.2

To request the Project Quotation for these materials or to place the order, please contact:
Sales@LightingDesignSolutions.com or call us at 1-888-357-7070

These plans, schedules, calculations, and lighting concepts are the property of Lighting Design Solutions (LDS) and are not to be shared, reproduced, viewed, or used in any manner without the explicit written permission of LDS. All luminaires and accessories purchased for this project are to be supplied by LDS unless other arrangements that include additional reimbursement for design costs are codified in a pre-approved written agreement with LDS.

These plans are not approved for construction unless specifically noted. They have not been reviewed or approved by any local or state agency, nor has the building owner confirmed final acceptance of the design or materials. Once approved, the final product details, voltages, accessories and quantities are the responsibility of the installing contractor and are to be fully verified by the contractor prior to release or order. Lead time for luminaires will vary but should be assumed to be 4-6 weeks after release unless specifically noted as "in-stock" or "quick ship" on the LDS Project Quotation.

Lighting performance and energy calculations are based on photometric data provided by the specified manufacturers, expected site finishes, anticipated energy costs, current rebate programs, and the projected operational use of the facility. Lighting Design Solutions, Inc. accepts no responsibility for variances resulting from inaccurate or changed data files, drawings, reflectance values, or rebate programs, and guarantees no alternate funding or rebate payment.

PROJECT INFORMATION:	DRAWN BY:	REVIEWED BY:	DATE
NEW CONSTRUCTION WAREHOUSE BUILDING TOWN OF BROOKFIELD, WI	A. THOMER	A. THOMER	
	CONTRACTOR:	APPROVED BY:	
	MEYERS ELECTRIC		
			DATE: 05/07/2024



Mirada Medium Wall Sconce (XWM)

Outdoor Wall Sconce



OVERVIEW	
Lumen Package	3,000 - 21,000
Wattage Range	23 - 175
Efficacy Range (LPW)	125 - 158
Weight lbs(kg)	27 (12.2)
Control Options	IMSBT, ALB, ALS, PCI

QUICK LINKS

[Ordering Guide](#)
[Performance](#)
[Photometrics](#)
[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Hinged die-cast aluminum wiring access door located underneath.
- Galvanized-steel universal wall mount bracket comes standard with hinging mechanism to easily access the junction box wire connections without removing the luminaire.
- Optional pole-mounting bracket (XPMA) permits mounting to standard poles.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Max shipping weight: 30lbs in carton

Optical System

- State-of-the-Art one piece silicone optic provides industry leading optical control while also acting as an integrated gasket reducing system complexity and improving fixture reliability.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in Types 2, 3, 4, and FT distributions.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93-95%.
- Zero uplight.
- Available in 5000K, 4000K and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak intensity at 610nm.
- Minimum CRI of 70.

Electrical

- High-performance programmable driver features over-voltage, under-voltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.

- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100k Hours
- Total harmonic distortion (THD): <20%
- 3L to 12L operating temperature: -40°C to +50°C (-40°F to +122°F)
- 15L operating temperature: -40°C to +45°C (-40°F to +113°F).
- 18L operating temperature: -40°C to +40°C (-40°F to +104°F).
- 21L operating temperature: -40°C to +35°C (-40°F to + 95°F).
- Power factor (PF): >.90
- Input power stays constant over life.
- Optional 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver and key electronic components can easily be accessed via hinged door.
- Optional integral emergency battery pack provides 90-minutes of constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance. The fixture delivers 1500 lumens during emergency mode.

Controls

- Integral passive infrared Bluetooth™ motion sensor options. Fixtures operate independently and can be commissioned via an iOS or Android configuration app. Updates and modifications to the control strategy are easily implemented via an intuitive app.

- LSI's AirLink™ Blue lighting control system is a simple feature rich wireless Bluetooth mesh network. The integrated fixture sensor module provides wireless control of grouped fixtures based on motion sensors, daylight or a fully customizable schedule.

Installation

- Universal wall mounting plate easily mounts directly to 4" octagonal or square junction box.
- 2 fasteners secure the hinged door underneath the housing and provide quick & easy access to the electrical compartment for installing/servicing.
- Optional terminal block accepts up to 12 ga wire.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.
- 1 Year warranty on Battery Back-up option.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K or lower color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet Locations.
- IP65 rated luminaire per IEC 60598.
- 3G rated for ANSI C136.31 high vibration applications when pole mounted (using optional XPMA bracket) or wall mounted.
- IK08 rated luminaire per IEC 66262 mechanical impact code
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce

Type : _____

 **Have questions?** Call us at (800) 436-7800

ORDERING GUIDE

[Back to Quick Links](#)

TYPICAL ORDER EXAMPLE: XWM 2 LED 03L 30 UE BRZ ALSC				
Family	Distribution	Light Source	Lumen Package	Color Temperature
XWM - Mirada Medium Wall Sconce	2 - Type 2 3 - Type 3 4 - Type 4 FT - Type 4 Forward Throw	LED	3L - 3,000 4L - 4,000 6L - 6,000 8L - 8,000 12L - 12,000 15L - 15,000 18L - 18,000 21L - 21,000 Custom Lumen Packages ¹	30 - 3000K 40 - 4000K 50 - 5000K AMB - Phosphor Converted Amber ²
Voltage	Finish	Controls		Options
UE - Universal Voltage (120-277V) HV - High Voltage (347-480V)	BLK - Black BRZ - Dark Bronze GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	Blank - None Wireless Controls ALSC - AirLink Synapse Control System ALSCS01 - AirLink Synapse Control System with 8-12' Motion Sensor ALSCS02 - AirLink Synapse Control System with 12-20' Motion Sensor ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' MH) ³ ALBCS2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' MH) ³ Standalone Controls DIM - 0-10v Dimming leads extended to housing exterior IMSBT1 - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH) ^{3,4} IMSBT2 - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH) ^{3,4} Button Type Photocells PCI120 - 120V PCI208-277 - 208 -277V PCI347 - 347V		Blank - None BB - Battery Back-up (0°C) ⁵ CWBB - Cold Weather Battery Backup (-20°C) ⁵ XPMA - Pole Mounting Bracket SP1 - 10kV Surge Protection TB - Terminal Block



Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800



FUSING ACCESSORY ORDERING INFORMATION⁶

Part Number	Description
FK120 ⁷	FK120 - Single Fusing
FK277 ⁷	FK277 - Single Fusing
FK347 ⁷	FK347 - Single Fusing
DFK208 ⁷	DFK - Double Fusing
DFK240 ⁷	DFK - Double Fusing (240V)
DFK480 ⁷	DFK - Double Fusing (480V)

MOUNTING ACCESSORY ORDERING INFORMATION⁶

Part Number ⁸	Description
809374CLR	XWM Wet Location Surface Conduit/Wiring Box
751632	10' Linear Bird Spike Kit (2' Recommended per Luminaire)

¹ Custom lumen and wattage packages available consult factory. Values are within industry standard tolerances but not DLC listed.
² Only available in 6L Lumen Package. Consult factory for lead time and availability.
³ IMSBT and ALBCS control options are not available in 3L or 4L lumen packages when high voltage (HV) is specified.
⁴ IMSBTxL is field configurable via the Leviton app that can be downloaded from your smartphone's app store.

⁵ Not available in HV.
⁶ Accessories are shipped separately and field installed.
⁷ Fusing must be located in a hand hole for pole or in the junction box.
⁸ "CLR" to be replaced by paint finish selection. See Finish options for paint color selections.

Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce

Type : _____

 Have questions? Call us at (800) 436-7800

PERFORMANCE

[Back to Quick Links](#)

Delivered Lumens ¹												
Lumen Package	Distribution	CRI	3000K			4000K			5000K			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
3L	2	70	3,178	138	B1-U0-G1	3,368	146	B1-U0-G1	9,853	159	B1-U0-G1	23
	3		3,224	140	B1-U0-G1	3,416	148	B1-U0-G1	3,361	145	B1-U0-G1	
	4		3,210	140	B1-U0-G2	3,364	146	B1-U0-G2	3,294	143	B1-U0-G2	
	FT		3,160	137	B1-U0-G1	3,349	145	B1-U0-G1	3,294	143	B1-U0-G1	
4L	2	70	4,230	139	B1-U0-G1	4,483	147	B1-U0-G1	4,410	145	B1-U0-G1	30
	3		4,291	141	B1-U0-G1	4,547	150	B1-U0-G1	4,473	147	B1-U0-G1	
	4		4,234	141	B1-U0-G2	4,437	148	B1-U0-G2	4,344	145	B1-U0-G2	
	FT		4,206	138	B1-U0-G1	4,458	147	B1-U0-G1	4,385	144	B1-U0-G1	
6L	2	70	6,326	134	B2-U0-G1	6,704	142	B2-U0-G2	6,595	140	B2-U0-G2	47
	3		6,417	136	B1-U0-G2	6,800	144	B2-U0-G2	6,689	142	B2-U0-G2	
	4		6,336	135	B1-U0-G3	6,640	141	B1-U0-G3	6,500	138	B1-U0-G3	
	FT		6,290	134	B2-U0-G2	6,666	142	B2-U0-G2	6,557	139	B2-U0-G2	
8L	2	70	8,166	128	B2-U0-G2	8,654	135	B2-U0-G2	8,513	133	B2-U0-G2	64
	3		8,283	129	B2-U0-G2	8,778	137	B2-U0-G2	8,635	134	B2-U0-G2	
	4		8,362	131	B1-U0-G3	8,763	137	B2-U0-G3	8,579	134	B1-U0-G3	
	FT		8,120	126	B2-U0-G2	8,605	134	B2-U0-G2	8,465	132	B2-U0-G2	
12L	2	70	11,492	149	B2-U0-G2	12,033	156	B3-U0-G2	11,927	155	B3-U0-G2	77
	3		11,757	153	B2-U0-G2	12,311	160	B2-U0-G2	12,203	158	B2-U0-G2	
	4		11,486	149	B2-U0-G3	12,058	157	B2-U0-G3	11,716	152	B2-U0-G3	
	FT		11,721	152	B2-U0-G2	12,274	159	B2-U0-G3	12,166	158	B2-U0-G3	
15L	2	70	14,221	145	B3-U0-G2	14,891	152	B3-U0-G2	14,760	151	B3-U0-G2	98
	3		14,549	148	B2-U0-G2	15,235	155	B2-U0-G2	15,101	154	B2-U0-G2	
	4		14,099	144	B2-U0-G3	14,801	151	B2-U0-G3	14,382	147	B2-U0-G3	
	FT		14,505	148	B2-U0-G3	15,189	155	B2-U0-G3	15,055	154	B2-U0-G3	
18L	2	70	16,894	138	B3-U0-G3	17,690	145	B3-U0-G3	17,534	144	B3-U0-G3	122
	3		17,285	142	B3-U0-G3	18,099	148	B3-U0-G3	17,940	147	B3-U0-G3	
	4		16,951	139	B2-U0-G3	17,795	146	B3-U0-G3	17,291	142	B3-U0-G3	
	FT		17,231	141	B3-U0-G3	18,044	148	B3-U0-G3	17,885	147	B3-U0-G3	
21L	2	70	19,961	133	B3-U0-G3	20,902	139	B3-U0-G3	20,718	138	B3-U0-G3	150
	3		20,422	136	B3-U0-G3	21,385	143	B3-U0-G3	21,197	141	B3-U0-G3	
	4		19,768	132	B3-U0-G4	20,753	138	B3-U0-G5	20,165	134	B3-U0-G4	
	FT		20,360	136	B3-U0-G3	21,320	142	B3-U0-G3	21,132	141	B3-U0-G3	

Electrical Data (Amps) - 3000K/4000K/5000K ²						
Lumen Package	120V	208V	240V	277V	347V	480V
3L	0.19	0.11	0.10	0.08	0.07	0.05
4L	0.25	0.14	0.13	0.11	0.09	0.06
6L	0.39	0.23	0.20	0.17	0.14	0.10
9L	0.53	0.31	0.27	0.23	0.18	0.13
12L	0.64	0.37	0.32	0.28	0.22	0.16
15L	0.82	0.47	0.41	0.35	0.28	0.20
18L	1.02	0.59	0.51	0.44	0.35	0.25
21L	1.25	0.72	0.63	0.54	0.43	0.31

Delivered Lumens (Phosphor Converted Amber)					
Lumen Package	Distribution	Amber			Wattage
		Delivered Lumens	Efficacy	BUG Rating	
6L	2	3,325	76	B1-U0-G1	44
	3	3,385	78	B1-U0-G1	
	4	3,310	75	B1-U0-G1	
	FT	3,343	77	B1-U0-G1	

Recommended Lumen Maintenance - XWM ³					
Ambient Temperature C°	Initial ⁴	25K hrs. ⁴	50K hrs. ⁴	75K hrs. ⁵	100K hrs. ⁵
35	99%	97%	95%	93%	91%
50	100%	98%	95%	93%	90%

1 LEDs are frequently updated therefore values are nominal
 2 Electrical data at 25C (77F). Actual wattage may differ by +/-10%.
 3 Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
 4 In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip.
 5 In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip.

Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce

Type : _____

 Have questions? Call us at (800) 436-7800

PHOTOMETRICS

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Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

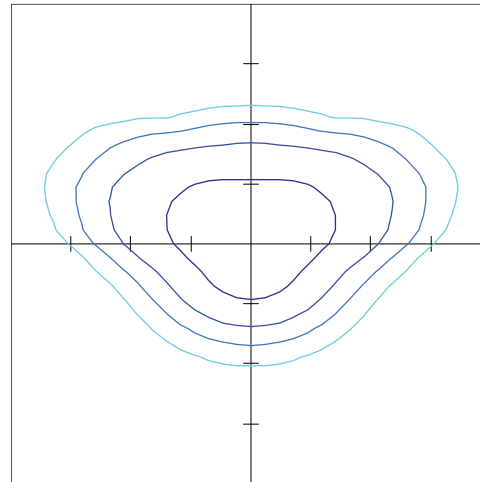
See the individual product page on <https://www.lsicorp.com/> for detailed photometric data.

XWM-2-LED-12L-40

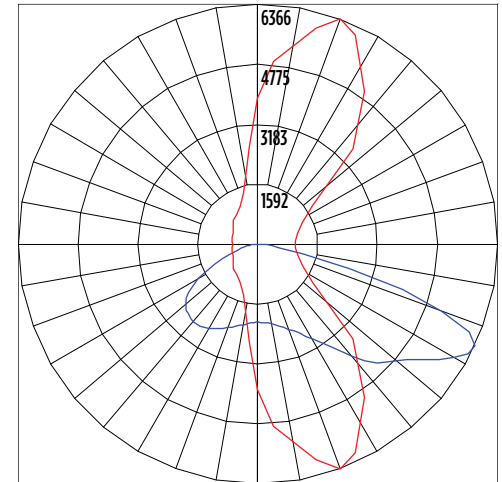
Luminaire Data	
Type 2 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	12,033
Watts	77
Efficacy	156
IES Type	Type II - Short
BUG Rating	B3-U0-G2

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	1,961	16%
Medium (30-60°)	6,874	57%
High (60-80°)	3,014	25%
Very High (80-90°)	184	2%
Uplight (90-180°)	0	0%
Total Flux	12,033	100%

ISO Footcandle



Polar Curve

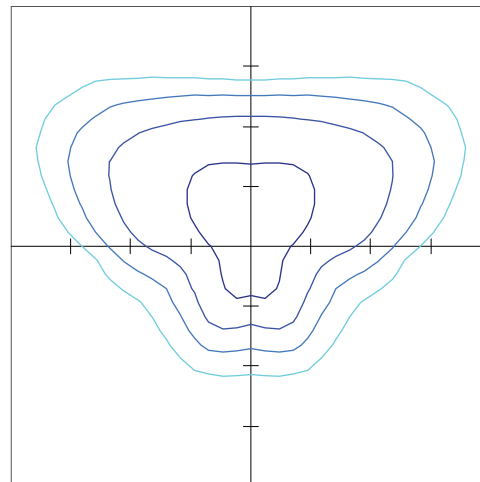


XWM-3-LED-12L-40

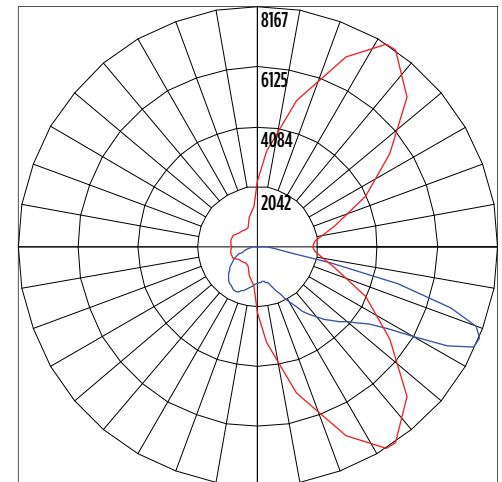
Luminaire Data	
Type 3 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	12,311
Watts	77
Efficacy	160
IES Type	Type III - Short
BUG Rating	B2-U0-G2

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	1,340	11%
Medium (30-60°)	6,164	50%
High (60-80°)	4,549	37%
Very High (80-90°)	258	2%
Uplight (90-180°)	0	0%
Total Flux	12,311	100%

ISO Footcandle



Polar Curve



Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce

Type : _____

 Have questions? Call us at (800) 436-7800

PHOTOMETRICS

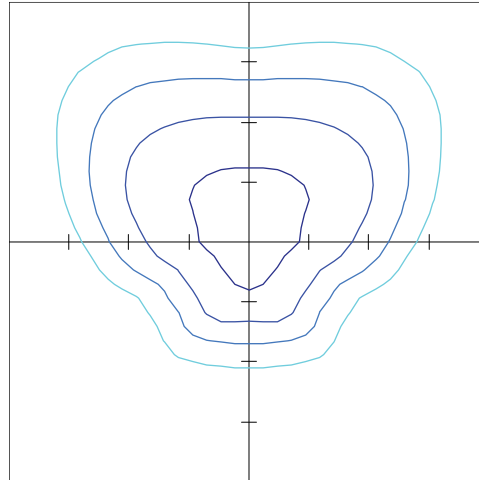
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XWM-FT-LED-12L-40

Luminaire Data	
Type FT Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	12,274
Watts	77
Efficacy	159
IES Type	Type IV - Short
BUG Rating	B2-U0-G3

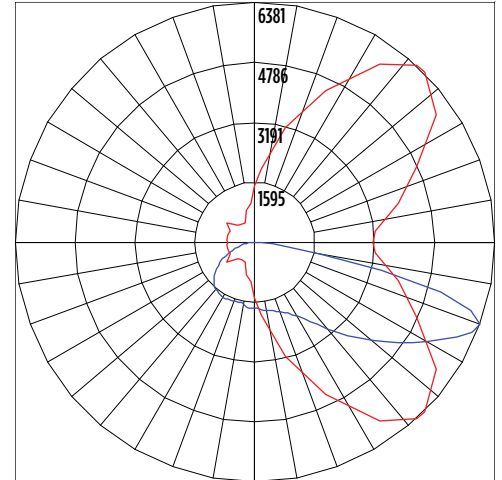
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	1,578	13%
Medium (30-60°)	5,798	47%
High (60-80°)	4,576	37%
Very High (80-90°)	322	3%
Uplight (90-180°)	0	0%
Total Flux	12,274	100%

ISO Footcandle



15' Mounting Height / 15' Grid Spacing
 5 FC 2 FC 1 FC 0.5 FC

Polar Curve



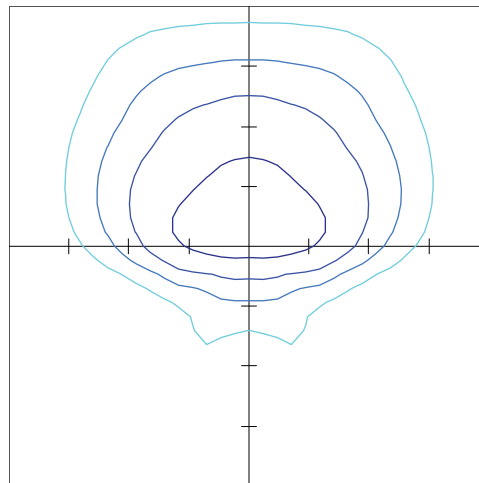
Vertical Plane Horizontal Cone

XWM-4-LED-12L-40

Luminaire Data	
Type 4 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	12,058
Watts	77
Efficacy	157
IES Type	Type IV - Very Short
BUG Rating	B2-U0-G3

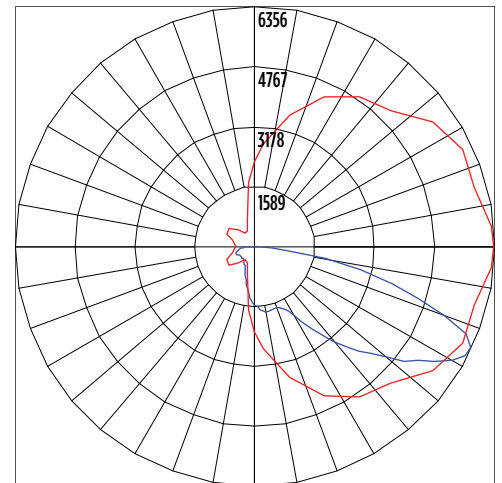
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	1,345	11%
Medium (30-60°)	5,394	45%
High (60-80°)	4,855	40%
Very High (80-90°)	464	4%
Uplight (90-180°)	0	0%
Total Flux	12,058	100%

ISO Footcandle



15' Mounting Height / 15' Grid Spacing
 5 FC 2 FC 1 FC 0.5 FC

Polar Curve



Vertical Plane Horizontal Cone

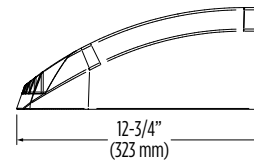
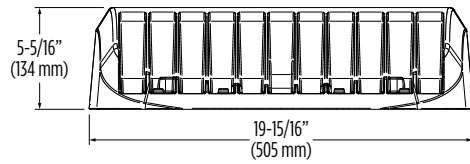
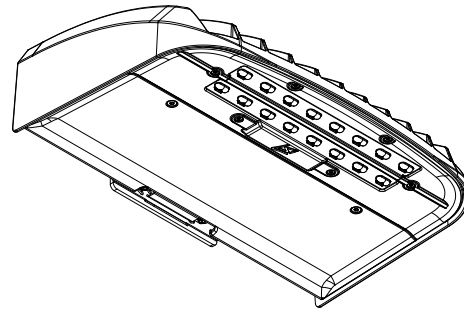
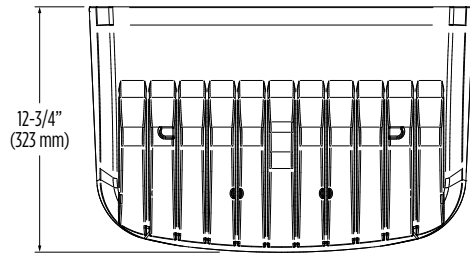
Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce

Type : _____

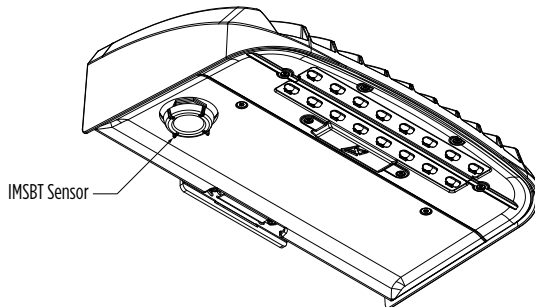
 **Have questions?** Call us at (800) 436-7800

PRODUCT DIMENSIONS

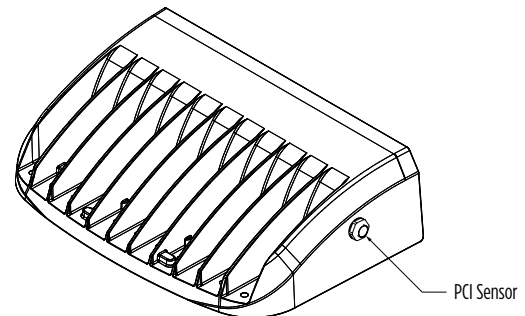
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**Mirada Medium Wall Sconce with
Integral Bluetooth™ Motion and Photocell Sensor**
(XWM IMSBTxL)

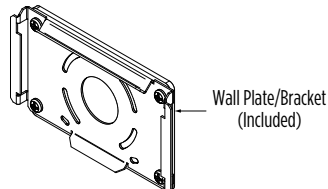
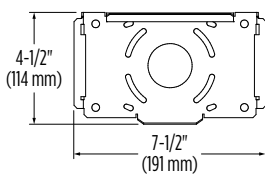


**Mirada Medium Wall Sconce with
Button Type Photocell**
(XWM PCI)

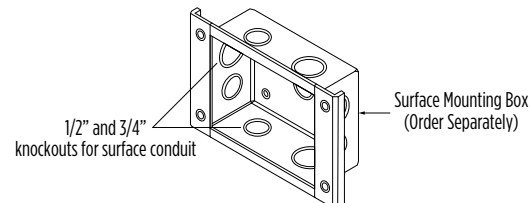


Mounting Options

Mounting Over Junction Box
(Standard/Included)



XWM Wet Location Surface Conduit/Wiring Box
(809374CLR)



Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce

Type : _____

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CONTROLS

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Integral Bluetooth™ Motion and Photocell Sensor (IMSBTxL)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is IP66 rated for cold and wet locations (-40°F to 167°F). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

[Click here to learn more details about IMSBT](#)



LEVITON App



Apple



Android

AirLink Wireless Lighting Controller (ALSC, ALSCS)

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect a sensor into the outdoor AirLink wireless lighting system. The wireless integrated controller is compatible with this fixture.

[Click here to learn more details about AirLink](#)

AirLink Blue (ALBCSx)

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/ Site, Wall Mounted, Parking Garage and Canopy luminaires.

[Click here to learn more details about AirLink Blue](#)



AirLink Blue App



Apple

Sensor Sequence of Operations

Standard Programming	On Event	Off Event	On Light Level	Dim Light Level	Daylight Harvesting	Delay To Off	Sensitivity
IMSBTxL	Motion	No Motion	100%	N/A	On; Auto Calibration	20 minutes	High

Operation	Description
On Event	Trigger that activates lights to turn on; either automatic via motion detected or manually activated via push of button.
Off Event	Trigger that activates lights to turn off; either automatic via no motion detected or manually activated via push of button.
On Light Level	The light level that the fixtures will turn on to when ON EVENT occurs.
Dim Light Level	The light level that the fixtures will dim down to when no motion is detected.
Delay to Dim	The amount of time after which no motion is detected that the fixtures will be triggered to dim down. This sequence is optional, and sensor can be programmed to only trigger the fixture to turn off by entering 100% in this field.
Delay to Off	The amount of time after which no motion is detected that the fixtures will be triggered to turn off. If delay to dim is part of the programmed functionality, this is the amount of time after which no motion is detected after the fixture have already dimmed down.
Sensitivity	The sensitivity can be set to high, medium, low, or auto where applicable. High will detect smaller, simple motions. Low will only detect larger more complex motions. Auto temperature calibration adjusts the PIR sensitivity as ambient temperature rises to increase detection of heat movement through the field of view.



Catalog #: _____

Project: _____

Prepared By: _____

Date: _____

Mirada Small Area (MRS)

Outdoor LED Area Light



OVERVIEW	
Lumen Package	6,000 - 30,000
Wattage Range	39 - 209
Efficacy Range (LPW)	112 - 163
Weight lbs(kg)	20 (9.1)
Control Options	IMSBT, ALB, ALS, 7-Pin, PCI

QUICK LINKS

[Ordering Guide](#)
[Performance](#)
[Photometrics](#)
[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 27 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution types 2, 3, 4, 5W, FT, and LC/RC.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93-95%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377
- Minimum CRI of 70.
- Integral louver (IL) and integral half louver (IH) options available for enhanced backlight control.

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.

- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 30L lumen packages rated to +40°C.
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7.

Installation

- Designed to mount to square or round poles.
- A single fastener secures the hinged door,

underneath the housing and provides quick & easy access to the electrical compartment.

- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional B3 drill pattern.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- RoHS compliant
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications are qualified.
- IK08 rated luminaire per IEC 66262 mechanical impact code
- 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/QPL to confirm which versions are qualified.

ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: MRS LED 18L SIL FT UNV DIM 40 70CRI ALBCS1 BLK IH

Prefix	Light Source	Lumen Package	Lens	Distribution	Orientation ²	Voltage	Driver
MRS - Mirada Small Area Light	LED	6L - 6,000 lms, 39W 9L - 9,000 lms, 63W 12L - 12,000 lms, 86W 15L - 15,000 lms, 111W 18L - 18,000 lms, 135W 21L - 21,000 lms, 165W 24L - 24,000 lms, 196W 30L - 30,000 lms, 209W ⁶ Custom Lumen Packages ¹	SIL - Silicone	2 - Type 2 3 - Type 3 4 - Type 4 5W - Type 5 Wide FT - Forward Throw LC - Left Corner RC - Right Corner	(blank) - standard L - Optics rotated left 90° R - Optics rotated right 90°	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DIM - 0-10V Dimming (0-10%)

Color Temp	Color Rendering	Controls (Choose One)	Finish	Options
50 - 5,000 CCT 40 - 4,000 CCT 30 - 3,000 CCT	70CRI - 70 CRI	(Blank) - None Wireless Controls System ALSC - AirLink Synapse Control System ALSCS2 - AirLink Synapse Control System with 12-20' MH Motion Sensor ALSCS4 - AirLink Synapse Control System with 20-40' MH Motion Sensor ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' MH) ⁴ ALBCS2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' MH) ⁴ Stand-Alone Controls EXT - 0-10V Dimming leads extended to housing exterior CR7P - 7 Pin Control Receptacle ANSI C136.41 ³ IMSBT1 - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH) ⁴ IMSBT2 - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH) ⁴	BLK - Black BRZ - Dark Bronze GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	(Blank) - None IH - Integral Half Louver (Moderate Spill Light Cutoff) ² IL - Integral Louver (Sharp Spill Light Cutoff) ²



Need more information?
[Click here for our glossary](#)

Have additional questions?
 Call us at (800) 436-7800



Accessory Ordering Information⁵

CONTROLS ACCESSORIES	
Description	Order Number
Twist Lock Photocell (120V) for use with CR7P	122514
Twist Lock Photocell (208-277) for use with CR7P	122515
Twist Lock Photocell (347V) for use with CR7P	122516
Twist Lock Photocell (480V) for use with CR7P	1225180
AirLink 5 Pin Twist Lock Controller	661409
AirLink 7 Pin Twist Lock Controller	661410
Shorting Cap for use with CR7P	149328

FUSING OPTIONS ⁷	
Description	Order Number
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	

SHIELDING OPTIONS	
Description	Order Number
Mirada Small	See Shielding Guide
Mirada Medium	
Mirada Large	
Zone Medium	
Zone Large	
Slice Medium	

- Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
- Not available on "Type 5W" distribution.
- Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
- Motion sensors are field configurable via the LSI app that can be downloaded from your smartphone's native app store.
- Accessories are shipped separately and field installed.
- "CLR" denotes finish. See Finish options.
- Fusing must be located in hand hole of pole. See [Fusing Accessory Guide](#) for compatibility.
- ALSC, ALB, and IMSBT not available with 30L HV.

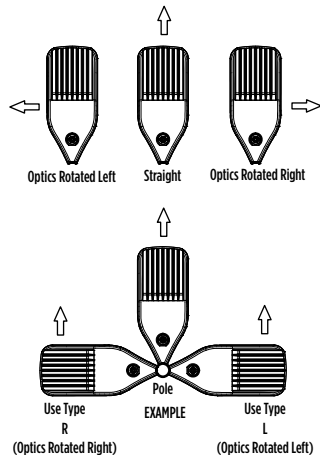
ACCESSORIES

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MOUNTING ACCESSORIES		SHIELDING, POLES & MISC. ACCESSORIES			
Side Arm	Universal Mounting Bracket Mounts to ≥ 3" square or round (tapered/straight) poles with (2) mounting hole spaces between 3.5" to 5" Part Number: BKA UMB CLR		Integral Louver Field Install Integral Louver provides maximum backlight control by shielding each individual row of LEDs Part Number: 763445		
	Quick Mount Plate True one person installation to existing/new construction poles with hole spaces between 2.4 to 4.6" Part Number: BKS PQM B3B5 XX CLR			Integral Half Louver Field Install Integral Half Louver provides great backlight control without impacting front side distribution. Part Number: 763446	
	15° Tilt Quick Mount Plate True one person installation to existing/new construction poles with hole spaces between 2.4 to 4.6" Part Number: BKS PQ15 B3B5 XX CLR			External Shield External shield blocks view of light source from any side of luminaire, additional shielding configurations available Part Number: 783607BLK (3") / 776538BLK (6")	
Tenon / Slipfitter	Adjustable Slipfitter Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and provides 180° of tilt (max 45° above horizontal) Part Number: BKA ASF CLR		Square Poles 14 - 39' steel and aluminum poles in 4", 5" and 6" sizes for retrofit and new construction Part Number: 4SQ/5SQ/6SQ		
	Square Tenon Top Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 luminaires Part Number: BKA XNM *			Round Poles 10 - 30' steel and aluminum poles in 4" and 5" sizes for retrofit and new construction Part Number: 4RP/SRP	
	Square Internal Slipfitter Mounts inside 4" or 5" square pole and allows for mounting up to 4 luminaires Part Number: BKA X_ISF * CLR			Tapered Poles 20' - 39' steel and aluminum poles for retrofit and new construction Part Number: RTP	
Wall Mount/ Wood Pole	Wall Mount Bracket Mounts onto vertical wall surface (hardware/anchors not included) Part Number: BKS XBO WM CLR		Bird Spikes 10' linear bird spike (X' recommended per luminaire), silicone adhesive (covers approximately 25' linear feet of bird spike) and application tool. Spike Part Number: 751631 Adhesive Part Number: 751632 Caulk Gun Part Number: 751636		
	Wood Pole Bracket Mounts onto wooden poles (6" minimum OD, hardware/anchors not included) Part Number: BKS XBO WP CLR			Replace CLR with paint finish description Replace X with: Z Replace XX with SQ for square pole or RD for round pole (≥3" OD) Replace * with S (Single), D180 (Double @180°), D90 (Double @90°), T90 (Triple), Q90 (Quad) Replace _ with 4 (4" square pole) or 5 (5" square pole)	

OPTICS ROTATION

Top View



ACCESSORIES/OPTIONS

Integral Louver (IL) and House-Side Shield (IH)

Integral Louver (IL) and half louver (IH) accessory shields available for improved backlight control without sacrificing street side performance. LSI's Integral Louver (IL) and Integral House-Side Shield (IH) options deliver backlight control that significantly reduces spill light behind the poles for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Both options rotate with the optical distribution.

Luminaire Shown with Integral Louver (IL)



Luminaire Shown with IMSBT Option



7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).



Mirada Small Area Light (MRS)

Type: _____

 Have questions? Call us at (800) 436-7800

PERFORMANCE

[Back to Quick Links](#)

DELIVERED LUMENS*												
Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
6L	2	70	5918	149	B2-U0-G1	6136	155	B2-U0-G1	6122	155	B2-U0-G1	39
	3		6016	152	B1-U0-G2	6238	158	B1-U0-G2	6224	157	B1-U0-G2	
	4		5967	153	B1-U0-G2	6333	162	B1-U0-G3	6136	157	B1-U0-G2	
	5W		5690	144	B3-U0-G1	5899	149	B3-U0-G1	5886	1479	B3-U0-G1	
	FT		5822	147	B1-U0-G1	6037	152	B1-U0-G1	6023	152	B1-U0-G1	
	LC		6003	154	B1-U0-G2	6371	163	B1-U0-G2	6173	158	B1-U0-G2	
	RC		5964	153	B1-U0-G2	6329	162	B1-U0-G2	6132	157	B1-U0-G2	
9L	2	70	9091	145	B2-U0-G2	9484	152	B2-U0-G2	9462	151	B2-U0-G2	63
	3		9241	148	B2-U0-G2	9641	154	B2-U0-G2	9619	154	B2-U0-G2	
	4		9214	146	B2-U0-G3	9778	155	B2-U0-G3	9474	150	B2-U0-G3	
	5W		8740	140	B3-U0-G2	9118	146	B3-U0-G2	9097	144	B3-U0-G2	
	FT		8943	143	B2-U0-G2	9330	149	B2-U0-G2	9308	149	B2-U0-G2	
	LC		9269	147	B2-U0-G3	9837	156	B2-U0-G3	9531	151	B2-U0-G3	
	RC		9208	146	B2-U0-G2	9772	155	B2-U0-G3	9468	150	B2-U0-G3	
12L	2	70	12132	141	B3-U0-G2	12685	148	B3-U0-G2	12514	146	B3-U0-G2	86
	3		12333	143	B2-U0-G2	12894	150	B2-U0-G2	12721	148	B2-U0-G2	
	4		12277	143	B2-U0-G3	13029	152	B2-U0-G3	12623	147	B2-U0-G3	
	5W		11664	136	B4-U0-G2	12195	142	B4-U0-G2	12031	140	B4-U0-G2	
	FT		11935	139	B2-U0-G2	12479	145	B2-U0-G2	12311	143	B2-U0-G2	
	LC		12351	144	B2-U0-G3	13108	152	B2-U0-G3	12700	148	B2-U0-G3	
	RC		12271	143	B2-U0-G3	13022	151	B2-U0-G3	12617	147	B2-U0-G3	
15L	2	70	14220	128	B3-U0-G2	15167	137	B3-U0-G2	14488	131	B3-U0-G2	111
	3		14938	135	B2-U0-G2	15933	144	B2-U0-G2	15219	137	B2-U0-G2	
	4		14792	133	B2-U0-G4	15698	141	B2-U0-G4	15209	137	B2-U0-G4	
	5W		14304	129	B4-U0-G2	15257	137	B4-U0-G2	14574	131	B4-U0-G2	
	FT		14342	129	B2-U0-G2	15297	138	B2-U0-G2	14612	132	B2-U0-G2	
	LC		14881	134	B2-U0-G3	15793	142	B2-U0-G3	15301	138	B2-U0-G3	
	RC		14784	133	B2-U0-G3	15689	141	B2-U0-G3	15201	137	B2-U0-G3	
18L	2	70	16438	122	B3-U0-G2	17532	130	B3-U0-G3	16747	124	B3-U0-G2	135
	3		17267	128	B3-U0-G3	18417	137	B3-U0-G3	17592	131	B3-U0-G3	
	4		17101	127	B3-U-G4	18149	134	B3-U-G4	17584	130	B3-U-G4	
	5W		16535	123	B4-U0-G2	17636	133	B5-U0-G2	16846	125	B4-U0-G2	
	FT		16578	123	B3-U0-G2	17682	131	B3-U0-G2	16890	125	B3-U0-G2	
	LC		17204	127	B3-U0-G3	18258	135	B3-U0-G3	17689	131	B3-U0-G3	
	RC		17091	127	B2-U0-G3	18138	134	B2-U0-G3	17574	130	B2-U0-G3	
21L	2	70	19488	118	B3-U0-G3	20786	126	B3-U0-G3	19885	120	B3-U0-G3	165
	3		20472	124	B3-U0-G3	21835	132	B3-U0-G3	20857	126	B3-U0-G3	
	4		20279	123	B3-U0-G4	21521	130	B3-U0-G5	20851	126	B3-U0-G5	
	5W		19604	119	B5-U0-G3	20909	126	B5-U0-G3	19973	121	B5-U0-G3	
	FT		19655	119	B3-U0-G3	20964	127	B3-U0-G3	20025	121	B3-U0-G3	
	LC		20401	124	B3-U0-G4	21651	131	B3-U0-G4	20977	127	B3-U0-G4	
	RC		20268	123	B3-U0-G3	21509	130	B3-U0-G4	20840	126	B3-U0-G3	

*LEDs are frequently updated therefore values are nominal.

Mirada Small Area Light (MRS)

Type: _____

 Have questions? Call us at (800) 436-7800

PERFORMANCE

[Back to Quick Links](#)

DELIVERED LUMENS*												
Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
24L	2	70	21976	112	B3-U0-G3	23439	120	B3-U0-G3	22390	114	B3-U0-G3	196
	3		23085	118	B3-U0-G3	24622	126	B3-U0-G3	23519	120	B3-U0-G3	
	4		23190	117	B3-U0-G5	24758	124	B3-U0-G5	23888	120	B3-U0-G5	
	5W		22105	113	B5-U0-G3	23578	120	B5-U0-G3	22522	115	B5-U0-G3	
	FT		22164	113	B3-U0-G3	23640	121	B3-U0-G3	22581	115	B3-U0-G3	
	LC		23330	117	B3-U0-G4	24907	125	B3-U0-G4	24032	121	B3-U0-G4	
	RC		23117	117	B3-U0-G4	24744	124	B3-U0-G4	23874	120	B3-U0-G4	
30L	2	70	30078	144	B4-U0-G3	29485	143	B4-U0-G4	30697	147	B4-U0-G3	209
	3		31711	154	B3-U0-G3	31086	151	B3-U0-G3	32364	157	B3-U0-G3	
	4		30459	148	B4-U0-G5	29858	145	B4-U0-G5	31085	151	B4-U0-G5	
	5W		30588	149	B5-U0-G3	29985	146	B5-U0-G3	31218	152	B5-U0-G3	
	FT		31585	153	B3-U0-G4	30962	150	B3-U0-G4	32235	156	B4-U0-G4	
	LC		32303	155	B3-U0-G5	31666	152	B3-U0-G5	32968	158	B3-U0-G5	
	RC		31943	153	B3-U0-G4	31313	150	B3-U0-G4	32600	156	B3-U0-G5	

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA (AMPS)*						
Lumens	120V	208V	240V	277V	347V	480V
6L	0.34	0.20	0.17	0.15	0.12	0.09
9L	0.52	0.30	0.26	0.23	0.18	0.13
12L	0.72	0.41	0.36	0.31	0.25	0.18
15L	0.93	0.53	0.46	0.40	0.32	0.23
18L	1.12	0.65	0.56	0.49	0.39	0.28
21L	1.38	0.80	0.69	0.60	0.48	0.34
24L	1.63	0.94	0.82	0.71	0.56	0.41
30L	1.74	1.00	0.87	0.75	0.60	0.43

*Electrical data at 25°C (77°F). Actual wattage may differ by +/-10%

RECOMMENDED LUMEN MAINTENANCE ¹					
Ambient Temp	Lumen Multiplier				
	0 hrs. ²	25K hrs. ²	50K hrs. ²	75K hrs. ³	100K hrs. ³
0 C - 25 C	100%	95%	89%	84%	79%
40 C	100%	94%	87%	80%	74%

- Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
- In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).
- In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).

Mirada Small Area Light (MRS)

Type: _____

Have questions? Call us at (800) 436-7800

PHOTOMETRICS

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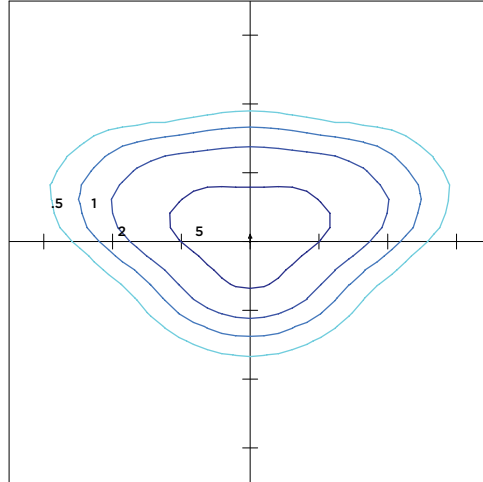
Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

MRS-LED-18L-SIL-2-40-70CRI

Luminaire Data	
Type 2 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,532
Watts	135
Efficacy	130
IES Type	Type II - Short
BUG Rating	B3-U0-G3

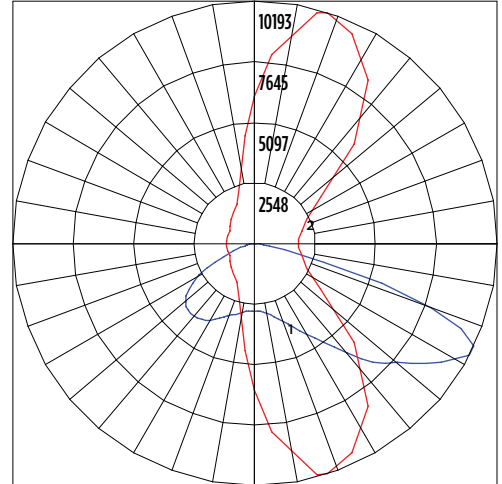
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	2831	16%
Medium (30-60)°	10310	59%
High (60-80)°	4208	24%
Very High (80-90)°	184	1%
Uplight (90-180)°	0	0%
Total Flux	17532	100%

ISO Footcandle



20' Mounting Height / 20' Grid Spacing
 ■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



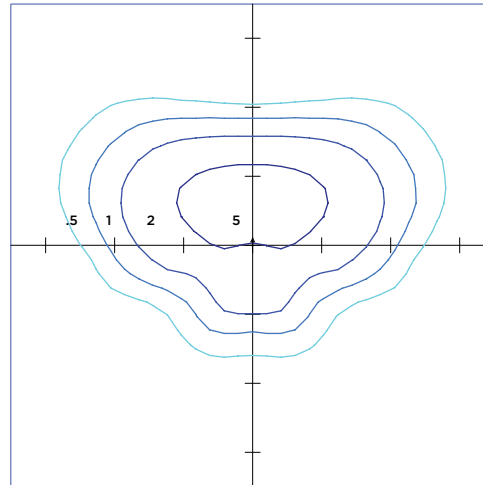
■ Vertical Plane ■ Horizontal Cone

MRS-LED-18L-SIL-3-40-70CRI

Luminaire Data	
Type 3 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	18,417
Watts	135
Efficacy	137
IES Type	Type III - Short
BUG Rating	B3-U0-G3

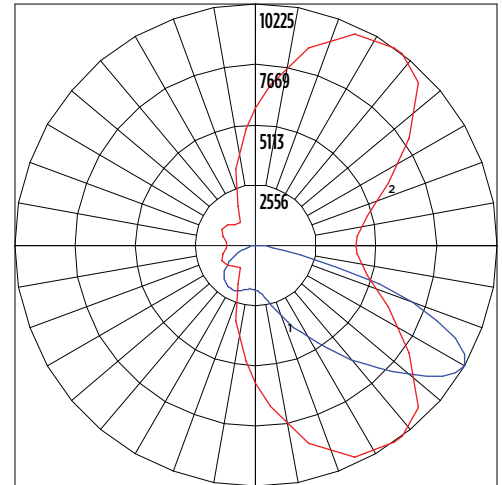
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	2329	13%
Medium (30-60)°	10634	61%
High (60-80)°	5246	30%
Very High (80-90)°	208	1%
Uplight (90-180)°	0	0%
Total Flux	18417	100%

ISO Footcandle



20' Mounting Height / 20' Grid Spacing
 ■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



■ Vertical Plane ■ Horizontal Cone

Mirada Small Area Light (MRS)

Type: _____

 Have questions? Call us at (800) 436-7800

PHOTOMETRICS (CONT)

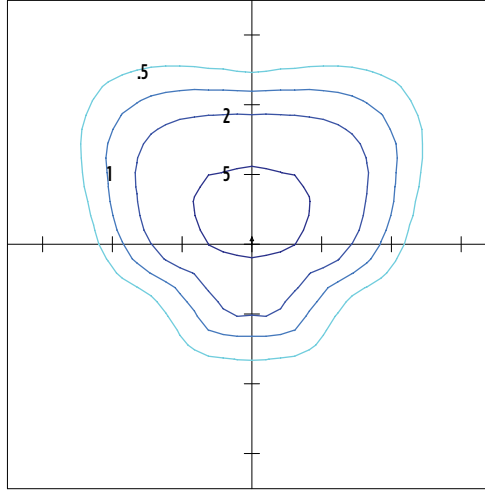
[Back to Quick Links](#)

MRS-LED-18L-SIL-FT-40-70CRI

Luminaire Data	
Type FT Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,682
Watts	135
Efficacy	131
IES Type	Type III - Short
BUG Rating	B3-U0-G2

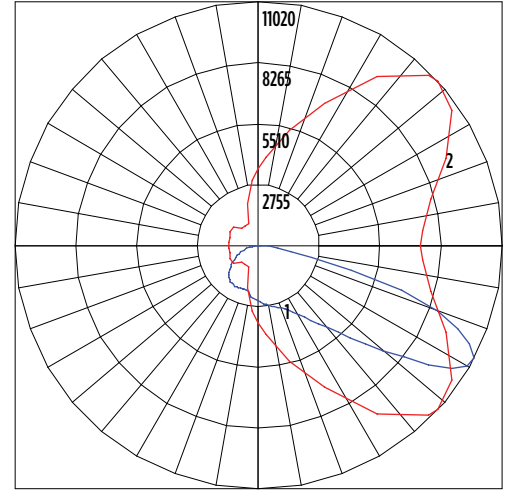
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	2255	13%
Medium (30-60)°	9463	54%
High (60-80)°	5696	32%
Very High (80-90)°	268	2%
Uplight (90-180)°	0	0%
Total Flux	17682	100%

ISO Footcandle



20' Mounting Height / 20' Grid Spacing
 ■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



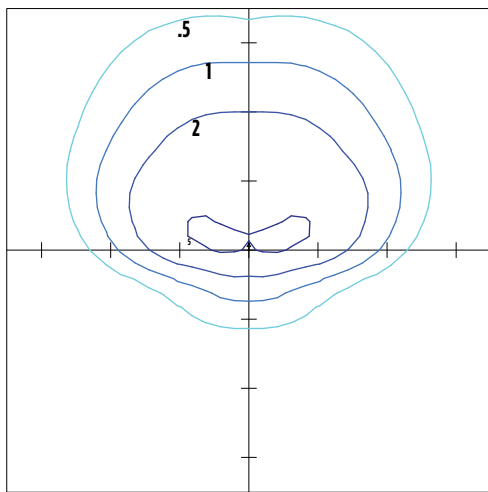
■ Vertical Plane ■ Horizontal Cone

MRS-LED-18L-SIL-4-40-70CRI

Luminaire Data	
Type 4 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	18,149
Watts	135
Efficacy	134
IES Type	Type IV - Very Short
BUG Rating	B3-U0-G4

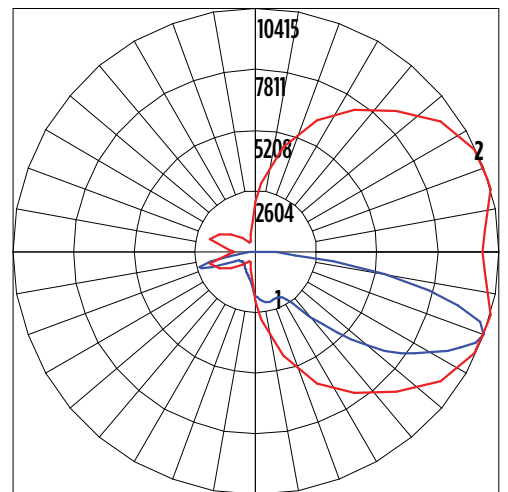
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	1671	9%
Medium (30-60)°	7615	42%
High (60-80)°	8074	44%
Very High (80-90)°	790	4%
Uplight (90-180)°	0	0%
Total Flux	18149	100%

ISO Footcandle



20' Mounting Height / 20' Grid Spacing
 ■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



■ Vertical Plane ■ Horizontal Cone

Mirada Small Area Light (MRS)

Type: _____

Have questions? Call us at (800) 436-7800

PHOTOMETRICS (CONT)

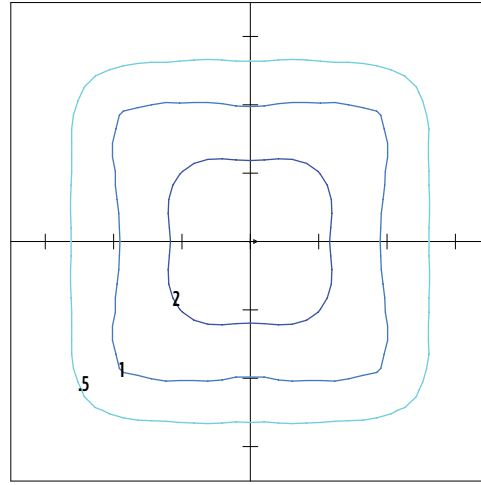
[Back to Quick Links](#)

MRM-LED-30L-SIL-5W-40-70CRI

Luminaire Data	
Type 5W Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,636
Watts	135
Efficacy	131
IES Type	Type VS - Short
BUG Rating	B4-U0-G2

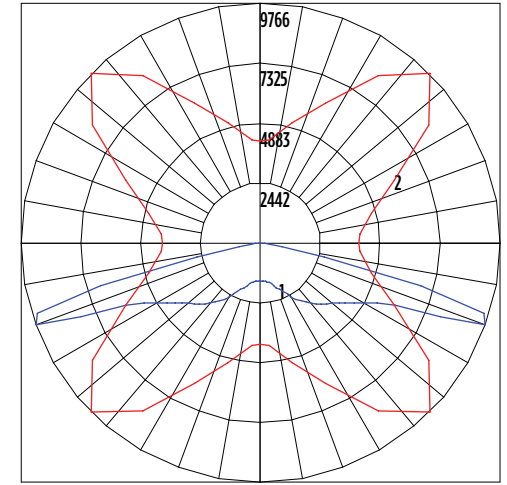
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	1646	9%
Medium (30-60)°	7453	43%
High (60-80)°	8405	48%
Very High (80-90)°	132	1%
Uplight (90-180)°	0	0%
Total Flux	17636	100%

ISO Footcandle



20' Mounting Height / 20' Grid Spacing
 ■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



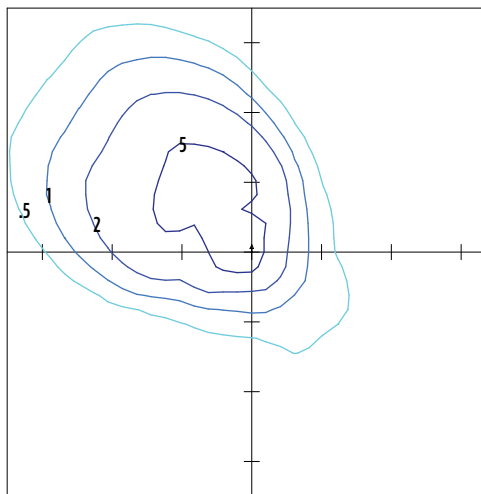
■ Vertical Plane ■ Horizontal Cone

MRS-LED-18L-SIL-LC-40-70CRI

Luminaire Data	
Left Corner Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	18,258
Watts	135
Efficacy	135
IES Type	N/A
BUG Rating	B3-U0-G3

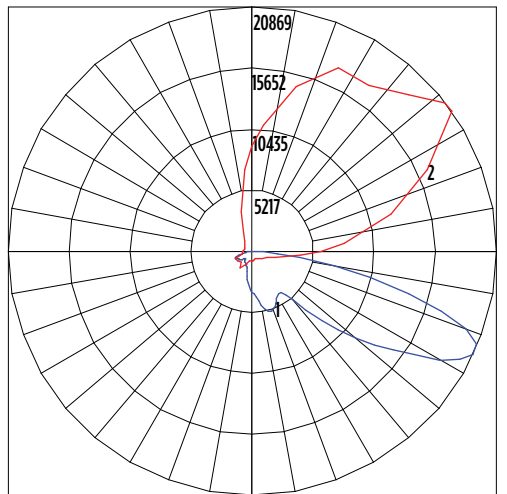
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	2412	13%
Medium (30-60)°	7504	41%
High (60-80)°	7698	42%
Very High (80-90)°	644	4%
Uplight (90-180)°	0	0%
Total Flux	18258	100%

ISO Footcandle



20' Mounting Height / 20' Grid Spacing
 ■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



■ Vertical Plane ■ Horizontal Cone

Mirada Small Area Light (MRS)

Type: _____

Have questions? Call us at (800) 436-7800

PHOTOMETRICS (CONT)

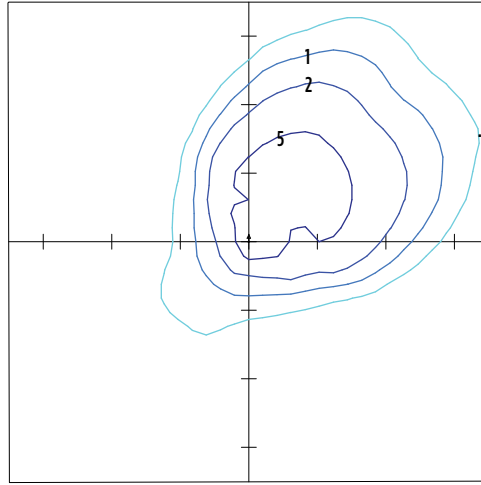
[Back to Quick Links](#)

MRM-LED-30L-SIL-5W-40-70CRI

Luminaire Data	
Right Corner Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	18,138
Watts	135
Efficacy	134
IES Type	N/A
BUG Rating	B3-U0-G3

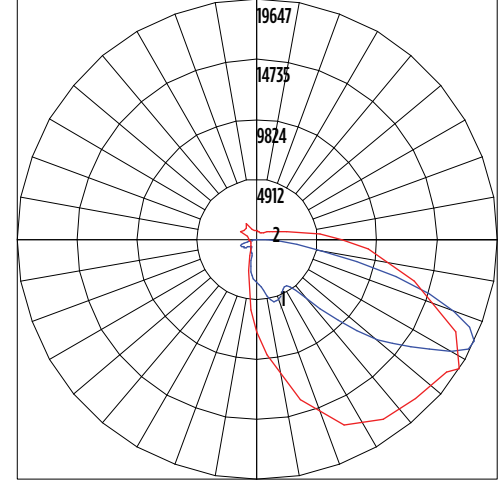
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	2317	13%
Medium (30-60)°	8066	44%
High (60-80)°	7214	40%
Very High (80-90)°	541	3%
Uplight (90-180)°	0	0%
Total Flux	18138	100%

ISO Footcandle



20' Mounting Height / 20' Grid Spacing
 ■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

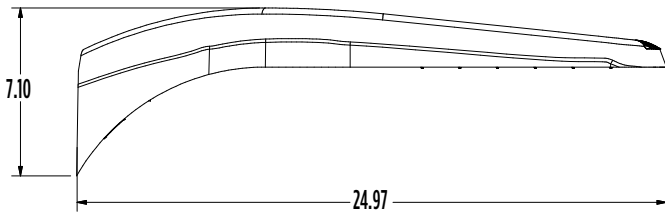
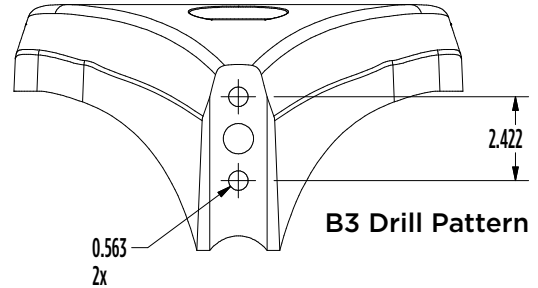
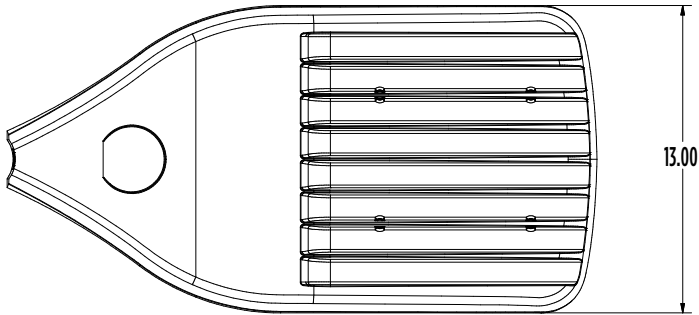
Polar Curve



■ Vertical Plane ■ Horizontal Cone

PRODUCT DIMENSIONS

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Luminaire EPA Chart					
Tilt Degree		0°	15°	30°	45°
	Single	0.5	0.8	1.3	1.8
	D180°	0.9	1.1	1.3	1.8
	D90°	0.9	1.3	1.8	2.2
	T90°	1.4	1.9	2.3	2.6
	TN120°	1.4	2.1	1.9	2.3
	O90°	1.4	1.9	2.3	2.6

CONTROLS

[Back to Quick Links](#)

Integral Bluetooth™ Motion and Photocell Sensor (IMSBTxL)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is IP66 rated for cold and wet locations (-40°F to 167°F). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

[Click here to learn more details about IMSBT](#)



LEVITON App



Apple



Android

AirLink Blue (ALBCSx)

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/ Site, Wall Mounted, Parking Garage and Canopy luminaires.

[Click here to learn more details about AirLink Blue](#)



AirLink Blue App



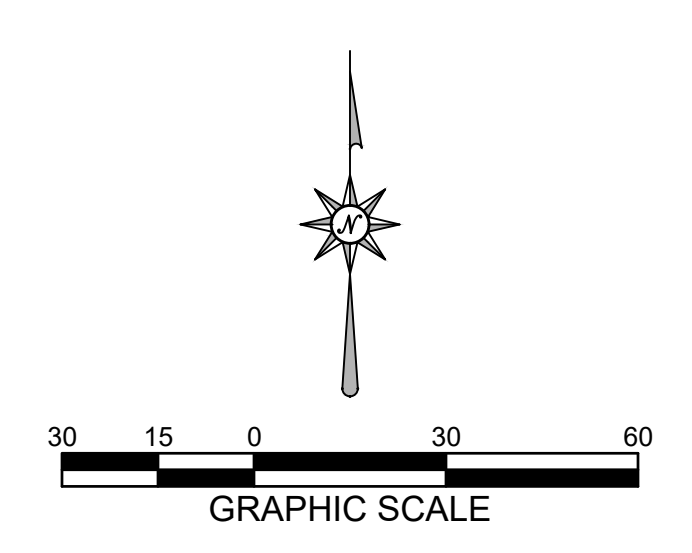
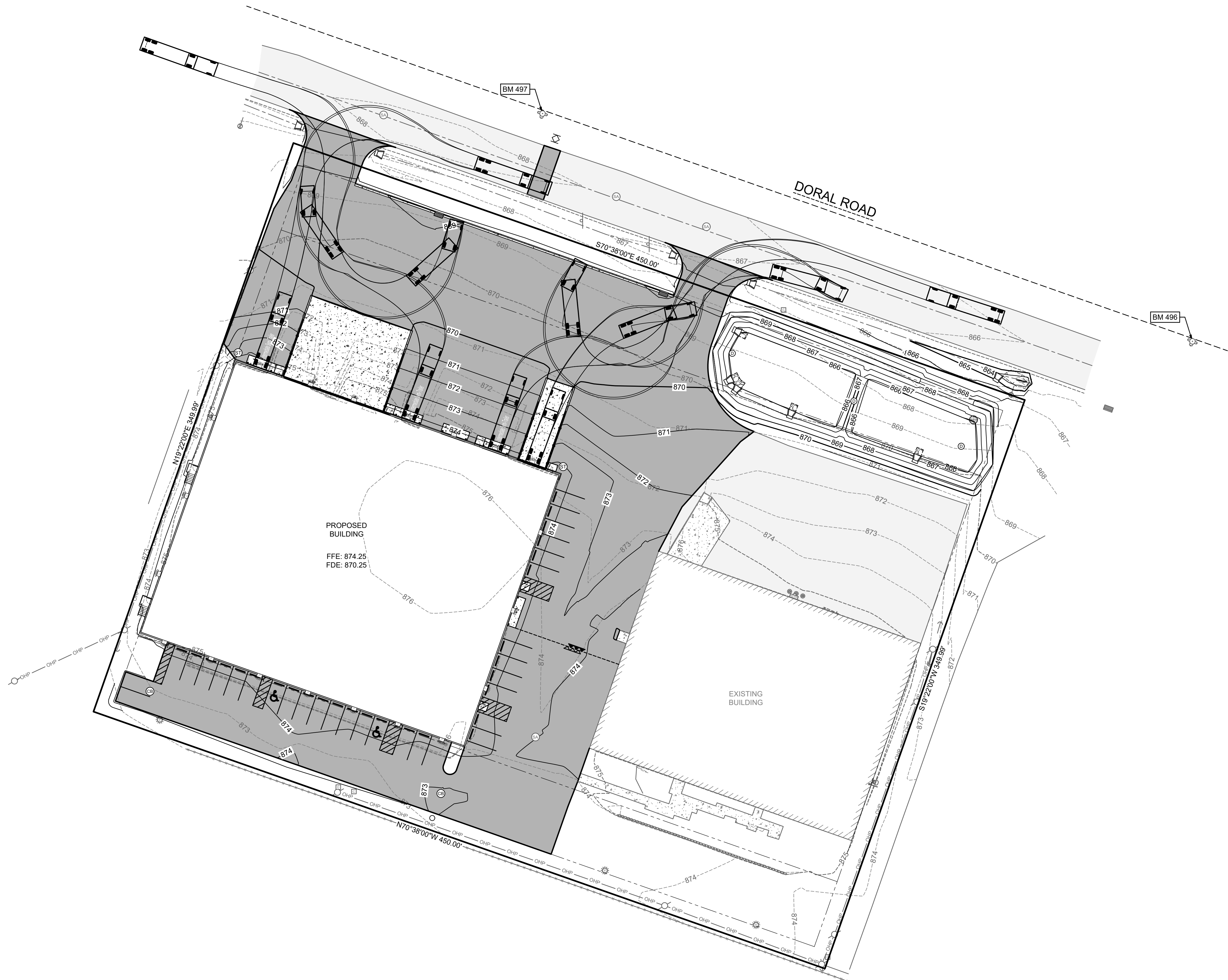
Apple

Sensor Sequence of Operations

Standard Programming	On Event	Off Event	On Light Level	Dim Light Level	Daylight Harvesting	Delay To Off	Sensitivity
IMSBTxL	Motion	No Motion	100%	N/A	On; Auto Calibration	20 minutes	High

Operation	Description
On Event	Trigger that activates lights to turn on; either automatic via motion detected or manually activated via push of button.
Off Event	Trigger that activates lights to turn off; either automatic via no motion detected or manually activated via push of button.
On Light Level	The light level that the fixtures will turn on to when ON EVENT occurs.
Dim Light Level	The light level that the fixtures will dim down to when no motion is detected.
Delay to Dim	The amount of time after which no motion is detected that the fixtures will be triggered to dim down. This sequence is optional, and sensor can be programmed to only trigger the fixture to turn off by entering 100% in this field.
Delay to Off	The amount of time after which no motion is detected that the fixtures will be triggered to turn off. If delay to dim is part of the programmed functionality, this is the amount of time after which no motion is detected after the fixture have already dimmed down.
Sensitivity	The sensitivity can be set to high, medium, low, or auto where applicable. High will detect smaller, simple motions. Low will only detect larger more complex motions. Auto temperature calibration adjusts the PIR sensitivity as ambient temperature rises to increase detection of heat movement through the field of view.

VEHICLE TURN EXHIBIT (WB-40 SEMI)



MACH IV
 ENGINEERING • SURVEYING • ENVIRONMENTAL
 2260 Salscheider Court Green Bay, WI 54313
 PH: 920-569-5765; Fax: 920-569-5767
 www.mach-iv.com
 Project Number: 2148-01-23

ACS
 Architectural &
 Construction
 Services, Inc.

327 RANDOLPH DR. STE "C"
 APPLETON, WI 54913
 TELE: 920-707-4226 FAX: 920-240-8072

ADDITION AND ALTERATIONS FOR,
21675 DORAL ROAD
 TOWN OF BROOKFIELD, WISCONSIN

DATE:	MAY 07, 2024
ARCH:	
D. BY:	RPH
JOB:	23-003
REV:	

R:\Jobs\2148-01-23 Brookfield Warehouse\DRAWINGS\2148-01-23 Eng.dwg 5/2/2024 10:18:28 PM



May 10, 2024

Mr. Bryce Hembrook
Town of Brookfield
645 North Janacek Road
Brookfield, WI 53045

Re: Master Spa Redevelopment Engineering Review Letter No. 3
Town of Brookfield, Wisconsin (Town)

Dear Bryce,

Strand Associates, Inc.® (Strand) has finished its review of the plan package for the Avery and Birch Development that was received from ACS, Inc. on May 7, 2024, for conformance with the Town specifications and general engineering practices. Before construction may begin, the contractor shall submit all required permits for the development to the state, Wisconsin Department of Natural Resources, Town, and any other relevant agencies. New drawings and a letter describing the revisions should be returned to Strand after the following concerns have been addressed.

Stormwater Management Report

1. The time of concentration calculation for the existing conditions flow path contains a sheet flow length of 211 feet. It is recommended to use a maximum sheet flow length of 100 feet because of the tendency for flow to channelize beyond this distance.
 - a. **Mach IV Engineering and Surveying LLC's (Mach IV) Response**–The time of concentration for the existing condition flow path has been revised to reflect the maximum sheet flow length of 100 feet, and the remainder has been treated as shallow concentrated flow.
 - b. *Strand's Current Comment*–It appears that the sheet flow length was modified to a maximum of 100 feet. Strand has no further comment.
2. Based on the Hydraflow input parameters for the bioretention basin outlet structure, it appears that the weir entered at elevation 868.00 is representing the 3-foot-diameter drain basin. It is not clear why a 6.28-foot weir was entered for the crest length.
 - a. **Mach IV Response**–A 24" drain basin is proposed for the outlet control structure. The circumference of the 24" drain basin rim is 6.28'.
 - b. *Strand's Current Comment*–Strand has no further comment.
3. The stormwater maintenance agreement will be reviewed by the Town attorney.
 - a. **Mach IV Response**–Comment Acknowledged.
 - b. *Strand's Current Comment*–Strand has no further comment.

Mr. Bryce Hembrook
Town of Brookfield
Page 2
May 10, 2024

Stormwater Conveyance

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 - a. **Mach IV Response–Storm sewer sizing and inlet capacity calculations have been included with the final plan commission submittal package.**
 - b. *Strand's Current Comment–Storm sewer sizing using the rational method should be provided.*

Site Plan–Sheet C 2.0

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Mr. Bryce Hembrook
Town of Brookfield
Page 3
May 10, 2024

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Mr. Bryce Hembrook
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Grading Plan–Sheet C4.0

1. It appears that the width of the berm for the biofilter (elevation equal to 869.00) is only 1 foot wide. It is recommended to make this wider for ease of construction and maintenance.
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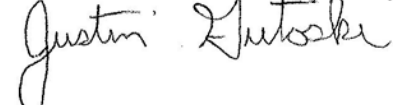
Lighting Plan

1. A photometric plan, including calculations for the average, minimum and maximum, and uniformity for the parking lot lighting, was reviewed. Photometrics must also be shown at the property lines on all sides. Light level shall not exceed 0.2 footcandles at the property line. A product data sheet for the proposed light fixture should also be submitted.
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Please call 608-251-4843 if you have any questions.

Sincerely,

STRAND ASSOCIATES, INC.®



Justin J. Gutoski, P.E.

- c: Tom Hagie, Town Administrator, Town of Brookfield
Tony Skof, Town of Brookfield Sanitary District No. 4
Scott Hartung, Department of Public Works Superintendent, Town of Brookfield



May 10, 2024

Mr. Bryce Hembrook
Town of Brookfield
645 North Janacek Road
Brookfield, WI 53045

Re: Master Spa Redevelopment Engineering Review Letter No. 3
Town of Brookfield, Wisconsin (Town)

Dear Bryce,

Strand Associates, Inc.® (Strand) has finished its review of the plan package for the Avery and Birch Development that was received from ACS, Inc. on May 7, 2024, for conformance with the Town specifications and general engineering practices. Before construction may begin, the contractor shall submit all required permits for the development to the state, Wisconsin Department of Natural Resources, Town, and any other relevant agencies. New drawings and a letter describing the revisions should be returned to Strand after the following concerns have been addressed.

Stormwater Management Report

1. The time of concentration calculation for the existing conditions flow path contains a sheet flow length of 211 feet. It is recommended to use a maximum sheet flow length of 100 feet because of the tendency for flow to channelize beyond this distance.
 - a. **Mach IV Engineering and Surveying LLC's (Mach IV) Response**–The time of concentration for the existing condition flow path has been revised to reflect the maximum sheet flow length of 100 feet, and the remainder has been treated as shallow concentrated flow.
 - b. *Strand's Current Comment*–It appears that the sheet flow length was modified to a maximum of 100 feet. Strand has no further comment.
2. Based on the Hydraflow input parameters for the bioretention basin outlet structure, it appears that the weir entered at elevation 868.00 is representing the 3-foot-diameter drain basin. It is not clear why a 6.28-foot weir was entered for the crest length.
 - a. **Mach IV Response**–A 24" drain basin is proposed for the outlet control structure. The circumference of the 24" drain basin rim is 6.28'.
 - b. *Strand's Current Comment*–Strand has no further comment.
3. The stormwater maintenance agreement will be reviewed by the Town attorney.
 - a. **Mach IV Response**–Comment Acknowledged.
 - b. *Strand's Current Comment*–Strand has no further comment.

Mr. Bryce Hembrook
Town of Brookfield
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May 10, 2024

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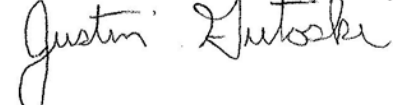
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Justin J. Gutoski, P.E.

- c: Tom Hagie, Town Administrator, Town of Brookfield
Tony Skof, Town of Brookfield Sanitary District No. 4
Scott Hartung, Department of Public Works Superintendent, Town of Brookfield



May 16, 2024

VIA EMAIL

clerk@townofbrookfield.com

Ms. Deanna Alexander, MPA

Municipal Clerk

Town of Brookfield

675 North Janacek Road

Brookfield, WI 53045

Re: Prime Cigar Company License Transfer

Dear Deanna:

We represent the licensee in connection with the transfer of its Class B Combo license for 18900 W. Bluemound Road Suite 104 to Suite 148 for the remainder of license year 2023-2024.

As you may be aware, Prime Cigar Company is the longest term tenant at Galleria West of Brookfield shops plaza. Earlier this month Prime Cigar relocated its business from its prior location at Suite 104 to its new location in Galleria West at Suite 148 (*see* Floor Plan accompanying this letter; *see also* Occupancy and Use Permit granted by the Town on May 9, 2024 accompanying this letter). In connection with the relocation of the business, the Class B Combo license first granted by the Town in June 2021 for Suite 104 – and renewed both years thereafter – needs to be transferred to the Suite 148 location.

Prime Cigar is not making any operational changes. It will continue to provide both a customer-focused, first-class retail experience as well as a comfortable, upscale and engaging destination lounge. Prime Cigar's customers are professionals seeking quality products in a comfortable environment. Approximately 80% of its customers are Town residents.

Accompanying this letter is a completed Alcohol Beverage License and Permit Transfer Application (Wisconsin Department of Revenue Form AB-102) for the place-to-place transfer of the Class B Combo license. The \$10 will be promptly paid via check delivered to Town Hall or electronically if you can notify us of those details. In the meantime, kindly proceed with the Town's approval of the transfer that meets the requirement that the two locations are in the same municipality (Suite 104 to Suite 148 at 18900 W. Bluemound Road) and no other changes are being made.

Should you have any questions, need anything further from us, or wish to discuss this transfer, please do not hesitate to contact me (at 414-225-1484 or BRandall@AmundsenDavisLaw.com).

Thank you for your attention to this matter.

Very truly yours,

Amundsen Davis, LLC



Brian C. Randall

Attachments

cc: Mr. Tom Hagie, Town Administrator – Via E-Mail w/ Attachments
Mr. Michael Van Kleunen, Town Attorney – Via E-Mail w/ Attachments
Mr. John H. Piette, Prime Cigar Company – Via E-Mail w/ Attachments
Mr. Bill Bode, Galleria West of Brookfield – Via E-Mail w/ Attachments
Katherine M. Hampel, Esq. – Via E-Mail

Form
AB-102**Alcohol Beverage License and
Permit Transfer Application**Date
05/15/24

Use this form to transfer a municipally-issued alcohol beverage retail license to a different person. Also use this form to transfer a retail license or a state-issued alcohol beverage permit to another physical location. Submit this form only to the issuing authority.

Transfer Type (<i>check one</i>) <input type="checkbox"/> Person-to-Person (no fee) <input checked="" type="checkbox"/> Place-to-Place (\$10 fee)		Fees	
Type of Authorization to transfer (<i>check one</i>) <input checked="" type="checkbox"/> Municipal Retail License <input type="checkbox"/> State Issued-Permit		Transfer Fees	\$ 10
Name of License/Permit (e.g. "Class A" Liquor or Brewery) Class B Combo		Publication Fee	\$
Current License/Permit Number		Background Check	\$
		Total Fees	\$ 10

Part A: Current Business Information			
1. Legal Business Name (individual name if sole proprietor) Acme Group, Inc.			
2. Business Trade Name or DBA Prime Cigar Co.			
3. FEIN 205741986		4. Wisconsin Seller's Permit Number 456-1020195130-03	
5. Entity Type (<i>check one</i>) <input type="checkbox"/> Sole Proprietor <input type="checkbox"/> Partnership <input type="checkbox"/> Limited Liability Company <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Nonprofit Organization			
6. Premises Address 18900 W. Bluemound Road Suite 104			
7. City Brookfield		8. State WI	9. Zip Code 53045
10. County Waukesha		11. Governing Municipality <input type="checkbox"/> City <input checked="" type="checkbox"/> Town <input type="checkbox"/> Village of: Brookfield	
12. Premises Phone (262) 754-5220		13. Premise Email primecigarco@yahoo.com	
14. Contact Person Name John H. Piette		15. Website primecigar.net	
16. Contact Person Phone (262) 754-5220		17. Contact Person Email primecigarco@yahoo.com	

Complete EITHER Part B OR Part C, based on the type of transfer you selected at the top of this form.

Part B: Transfer from Person-to-Person New Business Information	
1. Reason for license transfer (<i>check one</i>) <input type="checkbox"/> Death <input type="checkbox"/> Disability <input type="checkbox"/> Foreclosure <input type="checkbox"/> Assignment to Creditor <input type="checkbox"/> Bankruptcy	
2. Legal Business Name of New Licensee (individual name if sole proprietorship)	
3. New Licensee Phone	4. New Licensee Email
5. Has the new licensee completed AB-100? Submit a completed Form AB-100 with this form <input type="checkbox"/> Yes <input type="checkbox"/> No	
6. Has the new licensee completed AB-200? Submit a completed Form AB-200 with this form <input type="checkbox"/> Yes <input type="checkbox"/> No	

Continued →

Part C: Transfer from Place-to-Place New Premises Information

1. New Premises Address

18900 W. Bluemound Road Suite 148

2. City

Brookfield

3. State

WI

4. Zip Code

53045

5. New Premises Phone

(262) 754-5220

6. Premise Email

primecigarco@yahoo.com

7. New Premises Description - Describe the building or buildings and any outside areas where alcohol beverages are produced, sold, stored, or consumed, and where records are kept. Describe all rooms within the building, including living quarters. Authorized alcohol beverage activities may occur only on the premises described in this application. Attach a map or diagram and additional sheets if necessary.

Suite 148 (ground level, northwest corner) of the Galleria West of Brookfield shops plaza retail center approximately 2,635 square feet with bar, storage area, and office. Also outdoor area at rear door entrance area parking lot at northwest corner of property.

Part D: Attestation

One of the following must sign and attest to this application:

- sole proprietor
- one general partner of a partnership
- one corporate officer
- one member of an LLC

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I agree that I am acting solely on behalf of the applicant business and not on behalf of any other individual or entity seeking the license or permit. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than \$1,000 if convicted.

Last Name

Piette

First Name

John

M.I.

H

Title

Owner

Email

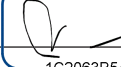
primecigarco@yahoo.com

Phone

(262) 754-5220

Signature

DocuSigned by:



1C2063B5A30742F...

Date

5/16/2024

Part E: For Clerk Use Only

Date Application Was Filed With Clerk

May 15, 2024

License Number

Date License Granted

Pending Review by TB on 6/4/2024

Date License Issued

Signature of Clerk/Deputy Clerk

Deanna Alexander, Clerk

Date

May 24, 2024

The Clerk verifies that the \$10 fee has been paid to the Town.

Form AB-102 Instructions

Alcohol Beverage License and Permit Transfer Application

When should I use Form AB-102?

Licenses

Under limited circumstances, a retail alcohol beverage license may be transferred from person-to-person or from place-to-place. If you meet either of the transfer criteria, use Form AB-102. If not, use form AB-200, *Alcohol Beverage License Application*.

Permits

Alcohol beverage permits may be transferred from place-to-place anywhere in Wisconsin. If the business is being sold to a new owner, the new owner must apply for the permit with the appropriate application. Permits may not be transferred from person-to-person.

What is a person-to-person license transfer?

Licenses

Retail alcohol beverage licenses may be transferred from one person to another if the original licensee dies, becomes disabled, the business goes bankrupt, or the licensee makes an assignment for the benefit of creditors.

A personal representative, surviving spouse, trustee, or receiver may sell the business after the license is transferred. Transferred licenses are valid until the expiration date of the license (usually June 30 of any year).

Alcohol beverage licenses may also be transferred in a foreclosure action if ordered by a court. The receiver may not operate under the license unless the court allows it. The transferred license is valid until the expiration date of the license. There is no fee for a person-to-person alcohol beverage license transfer.

Permits

Alcohol beverage permits may not be transferred from person-to-person. To indicate a change in ownership of a state-issued permit, the new owner must apply for the permit using the appropriate permit application form.

What is a place-to-place transfer?

Licenses

All retail alcohol beverage licenses, except reserve "Class B" licenses, can be transferred from place-to-place if the following criteria are met:

- The current and proposed premises are in the same municipality.
- The municipal governing body approves of the transfer.

Licensees may transfer a premises no more than once during the license year. Transferred licenses are valid only until the expiration date of the license (usually June 30 of any year). Place-to-place license transfers cost \$10.

Permits

All state issued alcohol beverage permits may be transferred from place-to-place within Wisconsin, upon approval by the Division of Alcohol Beverages. Complete and submit this form to the Division for consideration. Place-to-place permit transfers do not have a fee.

Who issues alcohol beverage licenses and permits?

Licenses

Municipal clerks of cities, villages, and towns issue alcohol beverage licenses after the governing body (city council, town or village board) grants the license.

Permits

The Division of Alcohol Beverages at the Wisconsin Department of Revenue issues alcohol beverage permits for producers (brewery, winery, manufacturer), distributors, and some retail (vessel, public facility) businesses.

Specific Instructions

Date

- Date the form in the format MM/DD/YYYY in the top right corner.

Transfer Type

- Check which type of transfer you are applying for.
- Check municipal license or state-issued permit to indicate what type of premises you are transferring.
- List the type and number of license or permit you wish to transfer.

Part A: Current Business Information

- Box 1: Enter the legal business name. If sole proprietor, enter the individual's first and last name.
- Box 2: Enter the trade name or "doing business as", if different than the name in box 1.
- Box 5: Check one entity type to indicate how the business is legally organized.

Part B: Transfer from Person-to-Person New Business Information

- Complete this section if you selected person-to-person in the transfer type section at the top of the form.

Note: Only licensees are allowed to initiate this type of transfer. Permittees should apply for their new permit using the appropriate state-issued permit application form.

- Box 1: Indicate the reason for the person-to-person transfer.
- Box 2: Enter the legal business name of the new entity. If a sole proprietor, enter the individual's first and last name.
- Box 3 and 4: Provide a phone number and email address for the new licensee.
- Box 5: Form AB-100 Alcohol Beverage Individual Questionnaire must be completed by the new licensee and submitted with this application.
- Box 6: Form AB-200 must be completed by the new licensee and submitted with this application.

Part C: Transfer from Place-to-Place New Premises Information

- Complete this section if you selected place-to-place in the transfer type section at the top of the form.
- All requests for "premises" information are requests for the physical location of the business and contact information to reach the business during open hours.

Box 7: Describe the premises in detail. Attach a floor plan if possible.

Example: The premises is located at 1234 Main St., Realtown, WI 12345 and includes only the first-floor bar room, dining room, kitchen, north storage room, and south office of the 5,000 square foot building.

Part D: Attestation

- Read the attestation carefully, then sign and date.

Part E: For Clerk Use Only

- "Date licensed granted" means the date the municipal governing body approved the license to be issued.
- "Date licensed issued" means the date the municipal governing body issued the license certificate document.

Assistance

This form is designed by the Department of Revenue for use by municipal governments. Reach out to your municipal clerk for assistance with the following:

- Submission of the retail license application and supplemental forms
- Availability and cost of certain licenses

If you are a state permittee, or have questions about alcohol beverage laws and regulations, you may contact the Department of Revenue using the contact information below.

Website: [DOR Alcohol Beverage \(wi.gov\)](http://wi.gov)

Write: DORAlcohol@wisconsin.gov

Call: (608) 264-4573

BUILDING ALTERATION FOR PRIME CIGAR

GALLERIA WEST, TOWN OF BROOKFIELD



CITYSCAPE
ARCHITECTURE/
DEVELOPMENT, S.C.

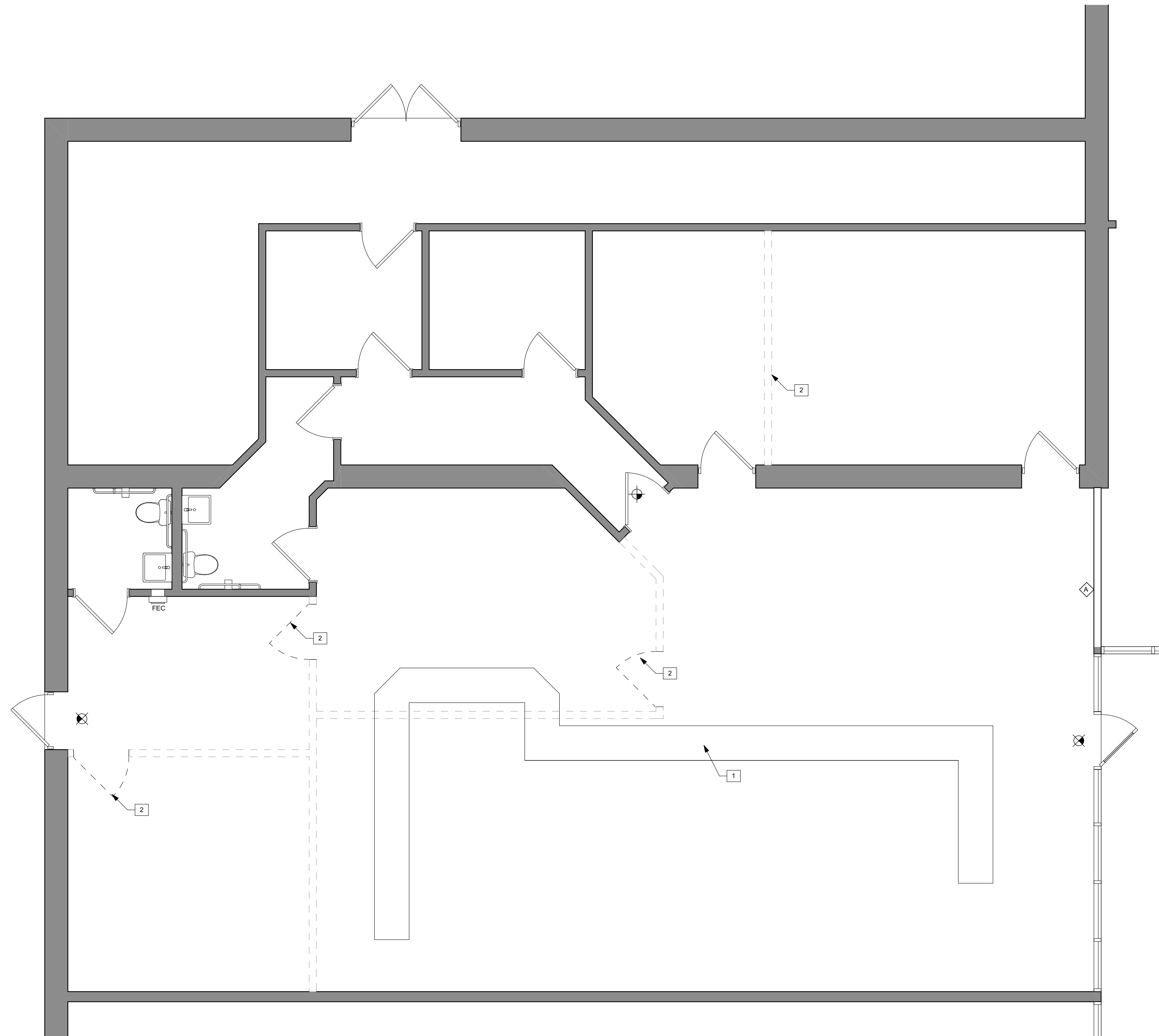
13700 W. GREENFIELD AVE
BROOKFIELD, WI 53005
262-370-5865

www.cityscapearchitecture.com



BUILDING CODE SUMMARY

BASED ON THE	2015 INTERNATIONAL BUILDING CODE WITH WISCONSIN AMENDMENTS SPS 362 2015 INTERNATIONAL EXISTING BUILDING CODE WITH WISCONSIN AMENDMENTS SPS 366 ACCESSIBILITY CODE: 2009 ICC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES ENERGY CODE: 2015 IECC INTERNATIONAL ENERGY CONSERVATION CODE WITH WISCONSIN AMENDMENTS SPS 363 MECHANICAL CODE: 2015 INTERNATIONAL MECHANICAL CODE WITH WISCONSIN AMENDMENTS SPS 364 PLUMBING CODE: 2014 WISCONSIN PLUMBING CODE SPS 381-387 ELECTRICAL CODE: 2011 NFPA 70 NATIONAL ELECTRICAL CODE WITH WISCONSIN AMENDMENTS SPS 316
ALTERATION TYPE	2
ALTERATION AREA	2,083 SF
OCCUPANCY/USE	M - MERCANTILE
SPRINKLER SYSTEM	COMPLETE
CONSTRUCTION TYPE	TYPE Vb
SEPERATION REQUIREMENT	NONE PER TABLE 508.4
CORRIDOR RATING	NONE PER TALBE 1020.1



1 FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"
NORTH

GENERAL FLOOR PLAN NOTES

- IF ANY PORTION OF THE CONSTRUCTION DOCUMENTS ARE UNCLEAR, INCOMPLETE IN THEIR DIRECTION, OR CONFLICTS WITH OTHER PORTIONS OF THE WORK, PLEASE NOTIFY THE ARCHITECT PRIOR TO EXECUTING THAT WORK.
- NOTIFY ARCHITECT PROMPTLY IF THE CONSTRUCTION DOCUMENTS ARE INCONSISTENT WITH ANY APPLICABLE CODES OR REGULATIONS.
- INSTALL BLOCKING IN WALLS, CEILING AND FLOORS AS REQUIRED FOR THE ATTACHMENT OF ANY ITEMS OR EQUIPMENT SHOWN IN THE CONSTRUCTION DOCUMENTS.
- REFER TO STRUCTURAL PLANS, FOR FRAMING SIZE & ORIENTATION.
- CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO EXECUTION OF WORK.
- TYPICAL FLOOR PLAN DIMENSIONS ARE SHOWN TO THE EXTERIOR FACE OF WALLS, UNLESS NOTED OTHERWISE.
- COORDINATE EXACT LOCATION OF LIGHT FIXTURES, ACCESS PANELS, SPEAKERS, HVAC DUCTS, GRILLS, DIFFUSERS AND OTHER SUCH CEILING ITEMS WITH MECHANICAL, ELECTRICAL, AND OTHER PERTINENT TRADES. NOTIFY ARCHITECT IF ANY LOCATIONS OR CONDITIONS CONFLICT WITH THE DESIGN INTENT SHOWN IN THESE CONSTRUCTION DOCUMENTS.

FLOOR PLAN NOTES

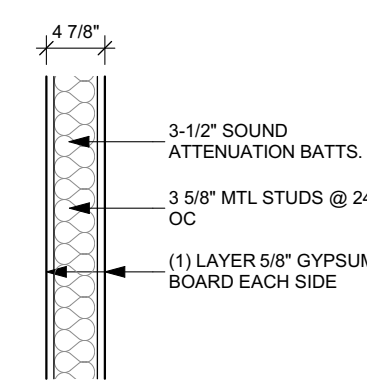
- EXIT SIGN
- FIRE EXTINGUISHER CABINET
FEC
- EXISTING TO BE REMOVED
- EXISTING TO REMAIN
- NEW PARTITION - SEE GRAPHIC WALL SCHEDULE
- CIGAR BAR - DESIGN AND LAYOUT BY OTHERS
- EXISTING WALLS AND DOORS TO BE REMOVED

GRAPHIC WALL TYPES

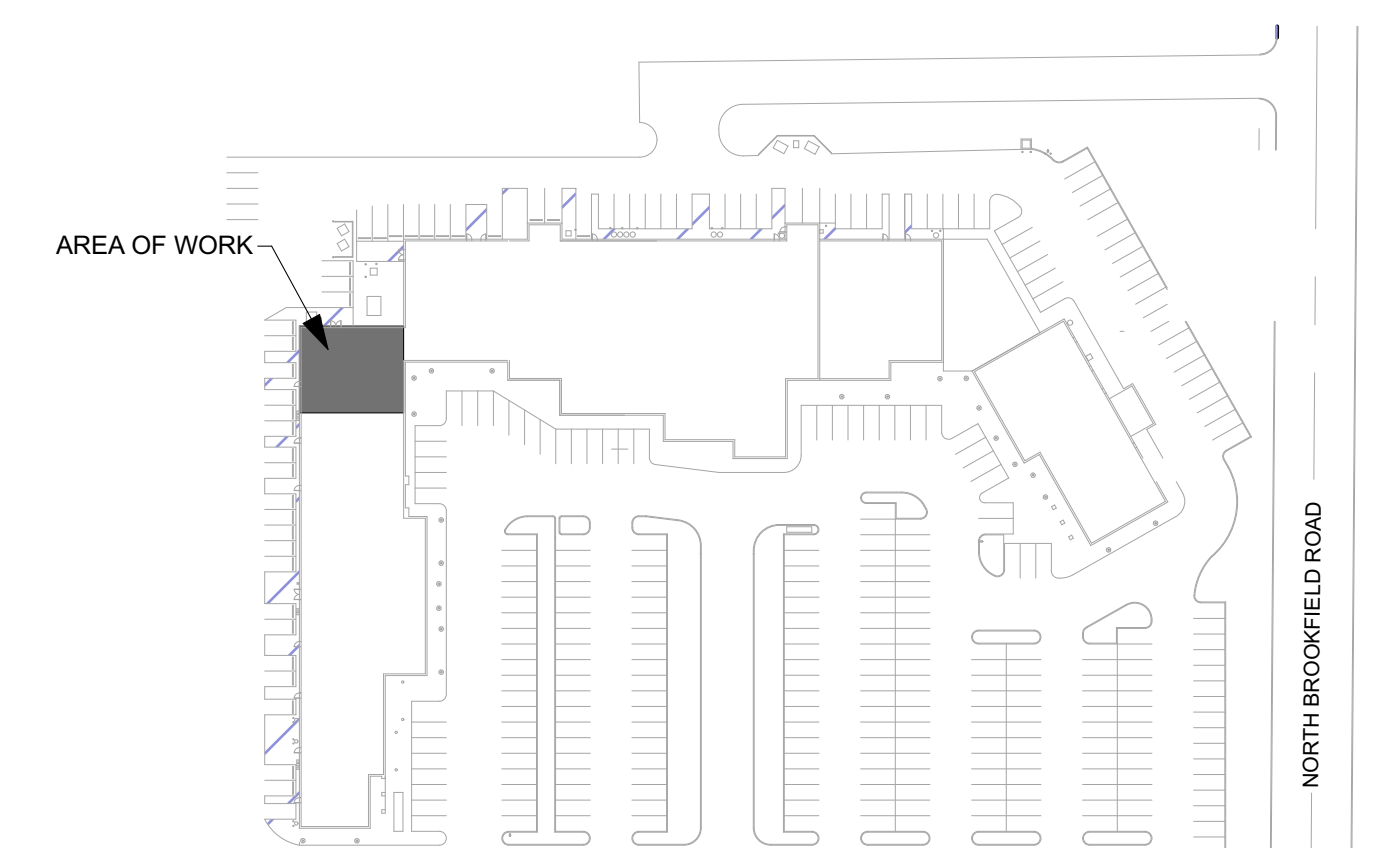
SCALE: 3/4" = 1'-0"

WALL TYPE - GENERAL NOTES

- ALL DIMENSIONS TO FINISH FACE OF PARTITION
- PROVIDE BLOCKING IN WALLS WHERE REQUIRED
- TAPE AND MUD GYPSUM WALL BOARD FULL HEIGHT ON ALL WALLS.
- GYPSUM BOARD WALLS RECEIVING PAINT ARE TO BE FINISHED TO A LEVEL 4 FINISH
- USE MOISTURE RESISTANT GYPSUM WALL BOARD AT ALL WATER WALLS.



TYPE A
EXTEND ENTIRE ASSEMBLY TO UNDERSIDE OF STRUCTURE ABOVE



1 BUILDING LOCATION PLAN
NORTH

PRIME CIGAR
GALLERIA WEST, BROOKFIELD WI

DRAWING ISSUE DATE
PERMIT SET 7-31-23

PROJECT # 20.33

FIRST FLOOR PLAN

A100

© 2023 CITYSCAPE
ARCHITECTURE /
DEVELOPMENT, S.C.

TOWN OF BROOKFIELD
DEPARTMENT OF DEVELOPMENT SERVICES
645 N. JANACEK ROAD BROOKFIELD, WI 53045

WAUKESHA COUNTY

WISCONSIN
Jason Chromy Building Inspector
(262) 364-6969

OCCUPANCY AND USE PERMIT

<u>PERMIT DATE</u>	<u>PERMIT NUMBER</u>	<u>TAX KEY NUMBER</u>
May 9, 2024	O-24-014	1124999002

PERMISSION IS HEREBY GRANTED TO: Prime Cigar

TO OCCUPY THE PROPERTY LOCATED AT: 18900 W Bluemound rd

DESIGNATED AS UNIT OR SUITE NUMBERED: #148

TO BE USED FOR: Lounge

THE PRESENT ZONING OF THIS PROPERTY IS: B-3

THE EFFECTIVE DATE OF THIS OCCUPANCY IS: May 9, 2024

THE GRANTING OF THIS PERMIT IS BASED ON THE INFORMATION AND DATA SUBMITTED

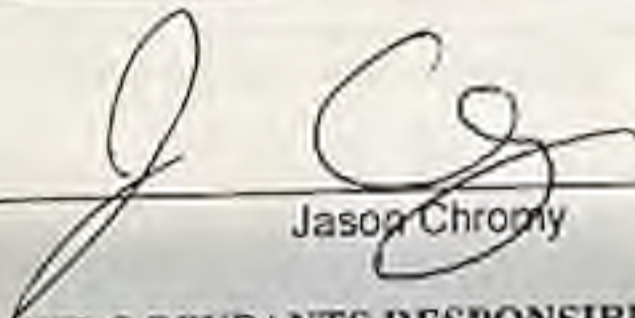
WITH THE APPLICATION BY: Craig Famularo DATED: May 7, 2024

Owner and occupant shall at all times remain in compliance with the plans/specifications submitted to, or

Approved by, The Town Of Brookfield, Waukesha County, or any other government entity.. Must obtain

proper liquor license to serve alcohol.

THIS PERMIT IS GRANTED IN ACCORDANCE WITH THE PROVISIONS OF
SECTION 17.0208 OF THE ZONING ORDINANCE OF THE TOWN OF BROOKFIELD.


Jason Chromy

NOTE: IT IS THE OCCUPANTS RESPONSIBILITY TO NOTIFY THE DEVELOPMENT SERVICES
DEPARTMENT OF ANY CHANGES IN THE TYPE OR USE OF THIS OCCUPANCY.

Report Criteria:
 Report type: GL detail

GL Period	Check Issue Date	Check Number	Invoice Number	Inv Seq	Description	Invoice GL Account	Check Amount
We Energies							
05/24	05/28/2024	123966	00025-524	1	#8099-072-016 / Fire Station gas	100-522700-224	53.94
05/24	05/28/2024	123966	00025-524	2	#8099-072-016 / Town Hall gas	100-516000-224	53.94
Total 123966:							107.88
We Energies							
05/24	05/28/2024	123967	00015-524	1	#0206-165-433 - DPW Garage gas	100-532700-224	47.59
05/24	05/28/2024	123967	00015-524	2	#0206-165-433 - SWU Garage gas	421-532700-224	47.58
Total 123967:							95.17
We Energies							
05/24	05/28/2024	123968	00012-524	1	#1805-414-369 - Police station gas	100-521700-224	10.67
Total 123968:							10.67
We Energies							
05/24	05/28/2024	123969	00028-524	1	#8065-065-883 / Fire Station electric bill	100-522700-221	646.23
05/24	05/28/2024	123969	00028-524	2	#8065-065-883 / Town Hall electric bill	100-516000-221	646.23
Total 123969:							1,292.46
We Energies							
05/24	05/28/2024	123970	00013-524	1	#1610-050-971 - Marx park electric	100-552000-221	76.95
Total 123970:							76.95
We Energies							
05/24	05/28/2024	123971	00009-524	1	#2214-050-274 - DPW Garage electric	100-532700-221	340.86
05/24	05/28/2024	123971	00009-524	2	#2214-050-274 - SW Garage electric	421-532700-221	340.86
Total 123971:							681.72
We Energies							
05/24	05/28/2024	123972	00022-524	1	Services Barker Road	620-821000-000	32.80
05/24	05/28/2024	123972	00007-524	1	Services Briar Ridge Swr	620-821000-000	19.61
05/24	05/28/2024	123972	00010-524	1	Services Bluemound Rd	610-622000-000	20.59
05/24	05/28/2024	123972	00004-524	1	Services Gray Fox	620-821000-000	24.99
05/24	05/28/2024	123972	00026-524	1	Services Mary Lynn Dr	610-622000-000	1,503.57
05/24	05/28/2024	123972	00021-524	1	Services Clarion Lane	610-622000-000	698.98
Total 123972:							2,300.54
We Energies							
05/24	05/28/2024	123973	00014-524	1	#0884-694-606 - Police station electric	100-521700-221	2,830.39
Total 123973:							2,830.39
We Energies							
05/24	05/28/2024	123974	00030-524	1	Bluemound Road Electric	100-534200-221	57.76

M = Manual Check, V = Void Check

GL Period	Check Issue Date	Check Number	Invoice Number	Inv Seq	Description	Invoice GL Account	Check Amount
Total 123974:							57.76
C&C Pumps LLC							
05/24	05/29/2024	123979	23692	1	FD	100-522700-350	1,500.00
Total 123979:							1,500.00
Amazon Capital Services							
05/24	05/31/2024	123980	1NWH-JV4V-KH6Q	1	Park & Rec Purchase	100-553100-343	58.96
05/24	05/31/2024	123980	1VHF-JYKY-4W14	1	Park & Rec Purchase	100-551000-340	190.43
05/24	05/31/2024	123980	1YVM-7PG1-FRJP	1	PD	100-521200-340	49.95
05/24	05/31/2024	123980	1J13-M943-74MC	1	Town Supplies	100-516000-340	75.99
Total 123980:							375.33
Automotive Parts & Equip. Corp							
05/24	05/31/2024	123981	634537	1	Police Dept	100-521200-380	82.57
05/24	05/31/2024	123981	051664	1	Fire Department	100-522100-380	107.76
Total 123981:							190.33
Bound Tree Medical LLC							
05/24	05/31/2024	123982	85342175	1	FD	100-523100-341	24.86
05/24	05/31/2024	123982	85340717	1	FD	100-523100-341	311.00
Total 123982:							335.86
CHARTER COMMUNICATIONS							
05/24	05/31/2024	123983	152316701052124	1	SD#4 Split Water	610-641000-000	195.96
05/24	05/31/2024	123983	152316701052124	2	SD#4 Split Sewer	620-827000-000	83.98
Total 123983:							279.94
City of Brookfield							
05/24	05/31/2024	123984	20240380	1	SD#4	620-822000-000	98,266.33
05/24	05/31/2024	123984	20240380	2	SD#4	620-831000-000	118,692.80
Total 123984:							216,959.13
Colonial Life							
05/24	05/31/2024	123985	58610420503709	1	Employee Paid Plan	100-215360	1,147.50
Total 123985:							1,147.50
Cramer Multhauf LLP							
05/24	05/31/2024	123986	601-0501M-424	1	TH	100-513400-210	80.00
Total 123986:							80.00
Dell Marketing L.P.							
05/24	05/31/2024	123987	10750598621	1	PD	100-521000-214	1,292.04
Total 123987:							1,292.04

M = Manual Check, V = Void Check

GL Period	Check Issue Date	Check Number	Invoice Number	Inv Seq	Description	Invoice GL Account	Check Amount
Delta Dental of Wisconsin							
05/24	05/31/2024	123988	2150402	1	Dental Insurance	100-215340	2,547.12
05/24	05/31/2024	123988	2150402	2	Vision Insurance	100-215330	416.56
Total 123988:							2,963.68
Federated Auto Parts							
05/24	05/31/2024	123989	S2-2621862	1	SD#4	610-933000-000	29.00
05/24	05/31/2024	123989	S2-2621862	2	SD#4	620-828000-000	29.00
Total 123989:							58.00
GALLS LLC							
05/24	05/31/2024	123990	027949798	1	Police Department	100-521200-139	968.00
05/24	05/31/2024	123990	027937448	1	Police Department	100-521200-139	79.20
05/24	05/31/2024	123990	027888042	1	Police Department	100-521200-139	83.60
05/24	05/31/2024	123990	027848505	1	Police Department	100-521200-139	83.60
Total 123990:							1,214.40
Geo-Synthetics, Inc.							
05/24	05/31/2024	123991	IV-72167	1	DPW	100-533100-340	66.94
Total 123991:							66.94
Home Depot Credit Services							
05/24	05/31/2024	123992	7520289	1	Misc Tools & Parts	620-856000-000	27.74
05/24	05/31/2024	123992	7520289	2	Misc Tools & Parts	610-930000-000	41.62
Total 123992:							69.36
Hopson Oil Co Inc.							
05/24	05/31/2024	123993	815659	1	No Lead/Diesel Fuel	100-524000-385	2.52
05/24	05/31/2024	123993	815659	2	No Lead/Diesel Fuel	100-521200-385	204.27
05/24	05/31/2024	123993	815659	3	No Lead/ Diesel Fuel	100-522100-385	40.35
05/24	05/31/2024	123993	815659	4	No Lead/Diesel Fuel	100-523100-385	40.35
05/24	05/31/2024	123993	815659	5	No Lead/Diesel Fuel	100-532400-385	100.87
05/24	05/31/2024	123993	815659	6	No Lead/Diesel Fuel	421-532400-385	75.66
05/24	05/31/2024	123993	815659	7	No Lead/Diesel Fuel	100-552000-385	10.09
05/24	05/31/2024	123993	815659	8	No Lead/Diesel Fuel	610-933000-000	15.13
05/24	05/31/2024	123993	815659	9	No Lead/Diesel Fuel	620-828000-000	15.13
05/24	05/31/2024	123993	815649	1	No Lead/Diesel Fuel	100-524000-385	4.94
05/24	05/31/2024	123993	815649	2	No Lead/Diesel Fuel	100-521200-385	400.53
05/24	05/31/2024	123993	815649	3	No Lead/ Diesel Fuel	100-522100-385	79.12
05/24	05/31/2024	123993	815649	4	No Lead/Diesel Fuel	100-523100-385	79.12
05/24	05/31/2024	123993	815649	5	No Lead/Diesel Fuel	100-532400-385	197.79
05/24	05/31/2024	123993	815649	6	No Lead/Diesel Fuel	421-532400-385	148.34
05/24	05/31/2024	123993	815649	7	No Lead/Diesel Fuel	100-552000-385	19.78
05/24	05/31/2024	123993	815649	8	No Lead/Diesel Fuel	610-933000-000	29.67
05/24	05/31/2024	123993	815649	9	No Lead/Diesel Fuel	620-828000-000	29.67
05/24	05/31/2024	123993	822864	1	No Lead/Diesel Fuel	100-524000-385	4.14
05/24	05/31/2024	123993	822864	2	No Lead/Diesel Fuel	100-521200-385	335.47
05/24	05/31/2024	123993	822864	3	No Lead/ Diesel Fuel	100-522100-385	66.27
05/24	05/31/2024	123993	822864	4	No Lead/Diesel Fuel	100-523100-385	66.27
05/24	05/31/2024	123993	822864	5	No Lead/Diesel Fuel	100-532400-385	165.66
05/24	05/31/2024	123993	822864	6	No Lead/Diesel Fuel	421-532400-385	124.25

M = Manual Check, V = Void Check

GL Period	Check Issue Date	Check Number	Invoice Number	Inv Seq	Description	Invoice GL Account	Check Amount
05/24	05/31/2024	123993	822864	7	No Lead/Diesel Fuel	100-552000-385	16.57
05/24	05/31/2024	123993	822864	8	No Lead/Diesel Fuel	610-933000-000	24.85
05/24	05/31/2024	123993	822864	9	No Lead/Diesel Fuel	620-828000-000	24.84
Total 123993:							2,321.65
JOHNS DISPOSAL SVC INC							
05/24	05/31/2024	123994	1352904	1	Garbage	421-573630-211	28,132.88
05/24	05/31/2024	123994	1352904	2	Recycling	421-573630-212	17,673.50
05/24	05/31/2024	123994	1352904	3	Yard Waste	421-573630-210	520.52
Total 123994:							46,326.90
Johnson's Nursery Inc.							
05/24	05/31/2024	123995	04245120	1	Parks	100-551010-344	918.00
Total 123995:							918.00
JX Enterprises, Inc.							
05/24	05/31/2024	123996	12272525P	1	FD	100-522100-380	143.16
Total 123996:							143.16
Kaestner Auto Electric Co							
05/24	05/31/2024	123997	433872	1	PD	100-521200-380	229.99
Total 123997:							229.99
Kobleski, Trevor							
05/24	05/31/2024	123998	5-2024	1	FD	100-522400-330	80.00
Total 123998:							80.00
Medpro Midwest Group							
05/24	05/31/2024	123999	00021514	1	FD maint service	100-523100-240	975.50
Total 123999:							975.50
Menards - Waukesha							
05/24	05/31/2024	124000	63244	1	FD supplies	100-522700-240	4.79
05/24	05/31/2024	124000	63241	1	FD supplies	100-522700-240	38.06
05/24	05/31/2024	124000	63757	1	Park & Rec	100-552000-341	64.18
Total 124000:							107.03
Organization Development							
05/24	05/31/2024	124001	14075	1	Police Department	100-521000-214	735.00
Total 124001:							735.00
Parts Distributing, Inc							
05/24	05/31/2024	124002	S2-2627058	1	DPW	100-532400-340	161.07
05/24	05/31/2024	124002	S2-2629308	1	DPW	100-532400-340	21.90
Total 124002:							182.97

M = Manual Check, V = Void Check

GL Period	Check Issue Date	Check Number	Invoice Number	Inv Seq	Description	Invoice GL Account	Check Amount
Pittz, Carl & Barb							
05/24	05/31/2024	124003	5-2024	1	Refund	100-467240	90.00
Total 124003:							90.00
Pomp's Tire Service, Inc.							
05/24	05/31/2024	124004	60337634	1	DPW	100-532400-340	38.86
Total 124004:							38.86
Reliant Fire Apparatus, Inc.							
05/24	05/31/2024	124005	CI007620	1	FD	100-522100-380	160.10
Total 124005:							160.10
Robert Half							
05/24	05/31/2024	124006	63632296	1	Wages/Stein	100-514200-120	936.00
05/24	05/31/2024	124006	63622995	1	Wages/Stein	100-514200-120	1,560.00
05/24	05/31/2024	124006	63627419	1	Wages/Stein	100-514200-120	312.00
Total 124006:							2,184.00
Roto-Rooter							
05/24	05/31/2024	124007	355058	1	Fire Department	100-522700-350	420.00
Total 124007:							420.00
Service Sanitation							
05/24	05/31/2024	124008	8856178	1	Park & Rec	100-552000-340	121.98
Total 124008:							121.98
SHI International Corp							
05/24	05/31/2024	124009	B16304966	1	Police Department	100-521000-214	367.42
Total 124009:							367.42
Siren Services							
05/24	05/31/2024	124010	2979	1	Fire department	100-522100-380	2,683.87
05/24	05/31/2024	124010	2975	1	Fire department	100-522100-380	1,318.70
Total 124010:							4,002.57
Soft Water Inc.							
05/24	05/31/2024	124011	02821TN	1	PD- Water Softener Salt	100-521700-240	45.50
Total 124011:							45.50
Staples Advantage							
05/24	05/31/2024	124012	6002453085	1	Police Department	100-521000-340	112.50
05/24	05/31/2024	124012	6003357787	1	Police Department	100-521000-310	59.86
05/24	05/31/2024	124012	6002207406	1	Fire Department	100-522000-310	4.41
Total 124012:							176.77

M = Manual Check, V = Void Check

GL Period	Check Issue Date	Check Number	Invoice Number	Inv Seq	Description	Invoice GL Account	Check Amount
Strand Associates, Inc.							
05/24	05/31/2024	124013	0210162	1	Roads	100-533100-212	562.88
05/24	05/31/2024	124013	0210162	2	Roads	100-533100-212	375.26
05/24	05/31/2024	124013	0210162	3	Roads	100-533100-212	232.28
05/24	05/31/2024	124013	0210162	4	Roads	100-533100-212	555.40
05/24	05/31/2024	124013	0210162	5	Accounts Receivable	100-563000-211	2,445.72
05/24	05/31/2024	124013	0210162	6	General Town Eng	100-563000-211	750.56
05/24	05/31/2024	124013	0207002	1	Stormwater	421-534400-213	5,178.54
05/24	05/31/2024	124013	0207947	1	Stormwater	421-534400-213	1,439.50
05/24	05/31/2024	124013	0209103	1	Stormwater	421-534400-213	1,439.45
05/24	05/31/2024	124013	0210223	1	Stormwater	421-534400-213	1,200.00
Total 124013:							14,179.59
Tkk Electronics							
05/24	05/31/2024	124014	9144	1	Fire Dept	100-522000-214	1,260.00
Total 124014:							1,260.00
Verizon Wireless							
05/24	05/31/2024	124015	9963903871	1	Fire Department	100-522700-225	2.53
05/24	05/31/2024	124015	9963837266	1	Fire Department	100-522700-225	457.32
05/24	05/31/2024	124015	9963837266	2	DPW	100-532700-225	75.34
05/24	05/31/2024	124015	9963837266	3	UD#1	421-532700-225	75.33
05/24	05/31/2024	124015	9963837266	4	Parks	100-552000-340	20.35
05/24	05/31/2024	124015	9963837266	5	Rec	100-553100-340	20.35
05/24	05/31/2024	124015	9963837266	6	TOWN HALL	100-516000-225	87.29
05/24	05/31/2024	124015	9963837266	7	Police Department	100-521700-225	586.03
Total 124015:							1,324.54
von Briesen & Roper, S.C.							
05/24	05/31/2024	124016	459644	1	PD- Professional Services	100-513400-200	207.00
05/24	05/31/2024	124016	459644	2	Town Hall	100-513400-210	276.00
Total 124016:							483.00
Waukesha County Tech College							
05/24	05/31/2024	124017	S0832029	1	PD training	100-521300-330	552.28
Total 124017:							552.28
Waukesha County Treasurer							
05/24	05/31/2024	124018	2024-24010041	1	Trunked Radio operating cost	100-529000-212	9,726.09
Total 124018:							9,726.09
Waukesha County Treasurer							
05/24	05/31/2024	124019	2024-24030004	1	PD	100-521000-214	8,672.19
Total 124019:							8,672.19
We Energies							
05/24	05/31/2024	124020	00001-524	1	Services Birdseye Lane Gas	610-622000-000	257.87
05/24	05/31/2024	124020	00005-524	1	Services Water Tower Blvd	610-622000-000	1,394.24
05/24	05/31/2024	124020	00011-524	1	Services Birdseye Lane	610-622000-000	2,941.80

M = Manual Check, V = Void Check

GL Period	Check Issue Date	Check Number	Invoice Number	Inv Seq	Description	Invoice GL Account	Check Amount
05/24	05/31/2024	124020	00023-524	1	Services Barker Road Gas	620-821000-000	193.25
05/24	05/31/2024	124020	00018-524	1	Services Barker Road	620-821000-000	138.29
05/24	05/31/2024	124020	00018-524	2	Services Barker Road	610-622000-000	1,244.64
Total 124020:							6,170.09
Wisconsin DNR -							
05/24	05/31/2024	124021	268337410-2024-1	1	Environmental Fee	421-534400-214	1,000.00
Total 124021:							1,000.00
Wisconsin Rural Water Assoc.							
05/24	05/31/2024	124022	4818	1	Consolidated Safety Training	610-930000-000	29.37
05/24	05/31/2024	124022	4818	2	Consolidated Safety Training	620-856000-000	29.37
Total 124022:							58.74
Wurth USA Inc.							
05/24	05/31/2024	124023	98114459	1	DPW	100-532400-340	309.99
Total 124023:							309.99
Grand Totals:							337,349.96

Clerk's Note - This report was complete prior to processing of the poll worker pay being complete. That check listing will be a supplemental report added to this roster prior to the meeting on June 4, 2024.

Keith Henderson

Steve Kohlmann

John Charlier

John R Schatzman

Ryan Stanelle
