



November 22, 2023

Town of Clayton
8348 Hickory Ave
Larsen, WI 54947

Attn: Kelley Wisnefke

Re: Valley Truck Leasing

Kelley,

Valley Truck Leasing is submitting our revised plans/documents consisting of two (2) 24x36 drawings, two (2) 11x17 color drawings. Note: per your email dated November 9, 2023, the following numbered items 1, 2, 5, and 6 have been addressed on the revised submitted plans.

We are asking the Town of Clayton's planning commission to consider granting a waiver on the (3) items below that did not meet town ordinances.

#3 – Exterior wall materials do not comply with the requirements of attachment C, Architectural Design Standards, of the Town Zoning Ordinance:

North elevation is Valley Truck Leasing's future expansion wall which will be ordered with an expandable end wall frame. The projection for the future expansion is 5 years or less. At the time of expansion, we would be agreeable to have the same amount of masonry that matches the shop east and west elevations. The south elevation, if the ACM panel would be acceptable, our wall surface would be at 74.5%. The east and west office only elevations without ACM panel are 75.5%, including ACM panel 81%. Shop east and west elevations have a total of 13% acceptable building materials. It is the intent of the owner to develop Phase II per the preliminary site plan C2.0. Once the buildings have been built, driving east on West American Drive it will be hard to see the shop. Traveling west on American Drive, based on the narrow width from the building's east elevation to the east parking lot along with the additional evergreen landscape and the angle of West American Drive, it would be difficult to see the shop's east elevation. Valley Truck Leasing's design is compatible and consistent with adjacent properties, and we would ask the planning commission to waive to 75% exterior wall surface requirements on the shop portion only.

#4 – Documentation on the Solar Reflective Index (SRI) for the proposed roof material shall be provided; SRI shall be 78 or higher on roof slopes less than or equal to 2:12:

Our proposed roof slope is ½:12 using Acrylic Coated Galvalume. Using the Varco Pruden low slope color information chart (attached) our panel would have a SRI rating of 65 which is 20% less than the target 78. The only color that would qualify would be Cool Cotton White-93. The estimated upcharge for Cool Cotton White would be \$22,000.00 including custom painting the roof ridge caps that do not come in Cool Cotton White from the factory.

Note: No other building currently in the park has anything other than what we are proposing thus we would be fitting in with surrounding facilities.

#7 – Outside storage of equipment, products, and material:

Along West American Drive, if you take into consideration Valley Truck Leasing's future addition and extend a line east from its north building line, we are talking about a total of four (4) stalls along the east parking lot. We have added additional evergreen trees to create a natural vision screen for these (4) stalls. Along US Highway 10 we have added additional evergreen trees at both the west and east straight-line parking lots to create a natural vision screen. We centered the south parking lot landscape island on the buildings south elevation which will allow vehicles traveling on US10 a better view of Valley Truck Leasing's south elevation. The parking stalls both to the west and east of the buildings SW and SE corner extensions are for tractor and straight truck display. There will be no material or semi-trailers stored in this area and if business is good, very minor tractor/straight trucks will be parking in those stalls.

Thank you for considering the attached items and I look forward to discussing in more detail with the Planning Commission at the December meeting.

Respectfully Submitted,

T.J. Utschig
President
Utschig, Inc.

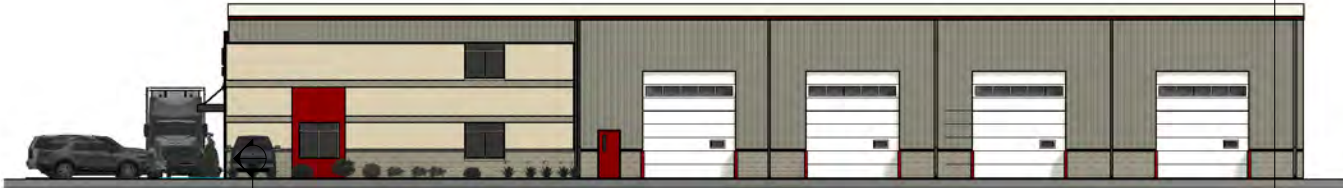




2 NORTH ELEVATION
A2.1 1/8" = 1'-0"



1 SOUTH ELEVATION
A2.1 1/8" = 1'-0"



3 EAST ELEVATION
A2.1 1/8" = 1'-0"

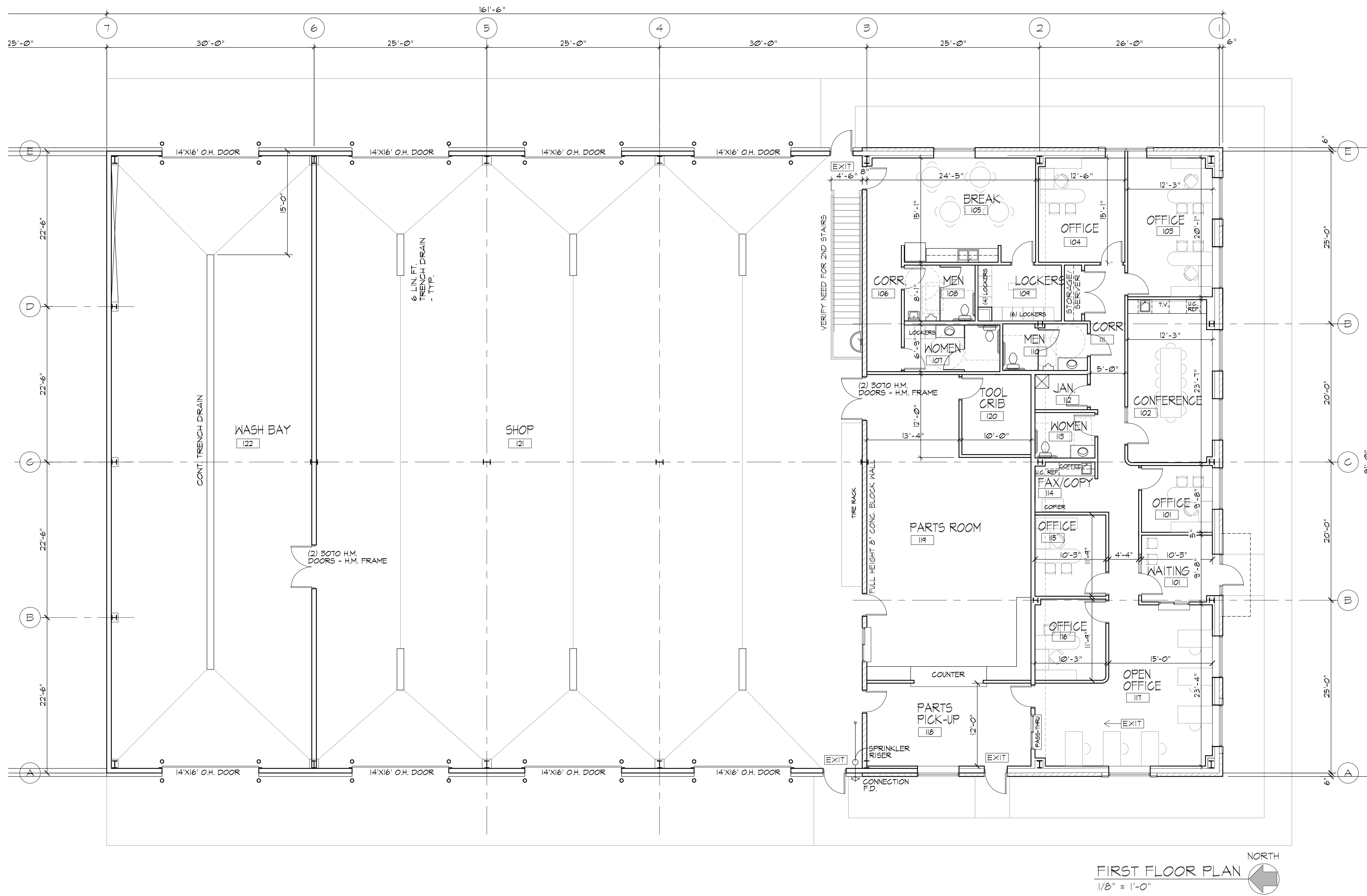


4 WEST ELEVATION
A2.1 1/8" = 1'-0"

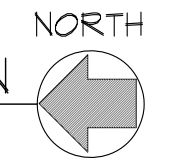
No.	Date	Description

Page Information

Drawn By JJW	Approved By Checker
Project No. 20-000	Date 00/00/15
Sheet No.	



FIRST FLOOR PLAN
1/8" = 1'-0"



PRELIMINARY - NOT FOR CONSTRUCTION

PROPOSED NEW BUILDING FOR:
VALLEY TRUCK LEASING
AMERICAN DRIVE, NEENAH WI 54956
FIRST FLOOR PLAN

No.	Date	Description

Page Information

Drawn By: EAF Approved By: JJW
 Project No.: 23-2491 Date: 10/31/23
 Sheet No.:

A101

10/31/23



PHONE: 920.757.0999 N1040 CRAFTSMEN DRIVE
 FAX: 920.757.1015 GREENVILLE, WI 54942

WE ARE REQUESTING THE VILLAGE TO APPROVE THE EXTERIOR ELEVATIONS WITH LESS THAN 75% ACCEPTABLE PRIMARY ELEVATION MATERIALS, SINCE THE VILLAGE HAS THE AUTHORITY TO ALLOW A DECREASE IN THOSE MATERIALS. WE FEEL WE MEET THE ARCHITECTURAL DESIGN INTENT OF THE ORDINANCE SINCE OUR SOUTH (FRONT) ELEVATION IS DIVERSE WITH (2) TYPES OF METAL WALL PANEL, & (2) TYPES OF MASONRY. THE EAST & WEST ELEVATIONS HAVE MASONRY AT THE BASE, AND OVERHEAD DOORS TAKE UP ABOUT HALF OF THE WALLS AS ALLOWED BY ZONING. THE PRIMARY FUNCTION OF THE BUILDING IS SERVICE RELATED WHICH REQUIRED THE OVERHEAD DOORS.
 THANK YOU FOR YOUR CONSIDERATION.

Attachment C

**TOWN OF CLAYTON
 ARCHITECTURAL DESIGN STANDARDS FOR
 COMMERCIAL, OFFICE, INDUSTRIAL, MULTI-FAMILY AND
 INSTITUTIONAL DEVELOPMENT**

A. Architectural Design Standards

(1) General Design Criteria.

(a) Architectural Design Zones. Architectural design zones have been applied to the Town of Clayton to encourage appropriate development standards for regional, and community uses. Each of these zones encourages compatibility with adjacent properties that result in a positive impact on the community. Refer to Architectural Zone map for Zone A and Zone B locations. Business Fringe Zone are those properties that are identified on the Town's comprehensive land-use map as commercial, office, industrial, multi-family and institutional use, but are not located in Zone A or Zone B.

(b) Architectural Design Intent. One dominant material and theme shall be selected based upon its own natural integrity.

- Additional materials shall maintain the building theme and accentuate the dominant material.
- Materials shall convey permanence, substance, durability, timelessness and restraint, with low maintenance.
- Sustainable design principles and conservation of natural raw materials by utilizing renewable and or recycled materials.
- Building size and massing will be compatible with other structures on adjoining properties.
- Proposed building materials and colors shall be compatible with materials and colors of adjoining properties.
- Mechanical equipment that will be readily visible when viewed at ground level from other properties or from major public ways shall be softened by screening or covered in a manner that forms an integral part of the building design.
- Architectural design features shall be a part of the design that may include distinctive main building entrance features as well as reduction of apparent size of long facades by introduction of offsets, roof lines, cornice lines, or change of materials.

(c) Acceptable Roofing Materials. For roof construction provide any of the following roofing systems or materials consistent with the design theme of the building:

- Asphalt, fiber-cement, slate or wood shingles on sloped roofs.
- Architectural metal roof panels on sloped roofs or fascia.
- Roof materials shall have a Solar Reflective Index (SRI) of 29 or higher on roof slopes of greater than 2:12, or an SRI index of 78 or higher on roof slopes less than or equal to 2:12.
- Vegetated roofs that meet all applicable codes are also permitted.

(d) Acceptable Exterior Building Materials. It is the intent to create a high level of aesthetic development and to promote a positive community and regional influence. A primary (dominant) material shall be used with up to two additional secondary (accent) materials to present a consistent design theme. Proposed building materials and colors shall be compatible with materials and colors of adjoining properties. All exterior walls may be constructed with any of the following materials in the minimum amounts stated under the architectural design zone for the building:

- Clay or masonry brick
- Natural or manufactured stone

- Decorative concrete masonry (sealed) with color consistent with design theme.
- Poured-in-place, tilt-up or precast architectural concrete (shall have stone, texture or coating appearance consistent with design theme)
- Glass curtain walls
- Other materials as approved

(e) Temporary Exterior Wall Exemption. For buildings where a future addition is planned, it is not the intention of this section to limit growth within the community by requiring temporary exterior walls to be constructed of higher (acceptable) quality materials. Temporary exemption shall not exceed 10 years after original occupancy. For other than the primary street facade(s), the following materials may be considered as exceptions for temporary exterior walls:

- Non-decorative exposed concrete block where block is painted and maintained in a color consistent with the building design theme and dominant material.
- Non-flat metal panels.
- Stucco system.
- Other material as approved.

Zone "A".

(a) Exterior Materials. Acceptable Exterior Building Materials shall cover 75 percent or more of all wall surfaces. In those areas deemed to be of limited exposure to the general public, percentages may be lowered so long as the intent of this provision is maintained.

For those uses that require the location of exposed overhead or ceiling doors, and not allow for the aggregate percentages to be achieved, acceptable building materials may be lowered to accommodate their necessity. The Town Board has the authority to approve additional landscaping, acceptable material in other areas, screening, environmental and energy efficiency provisions, a reduction in the number of doors and building location within the parcel to maintain the aesthetic value of the area.

(b) Roofing Materials. For roof slopes greater than 1/2 to 12, provide any of the listed acceptable roofing materials as defined in this section.

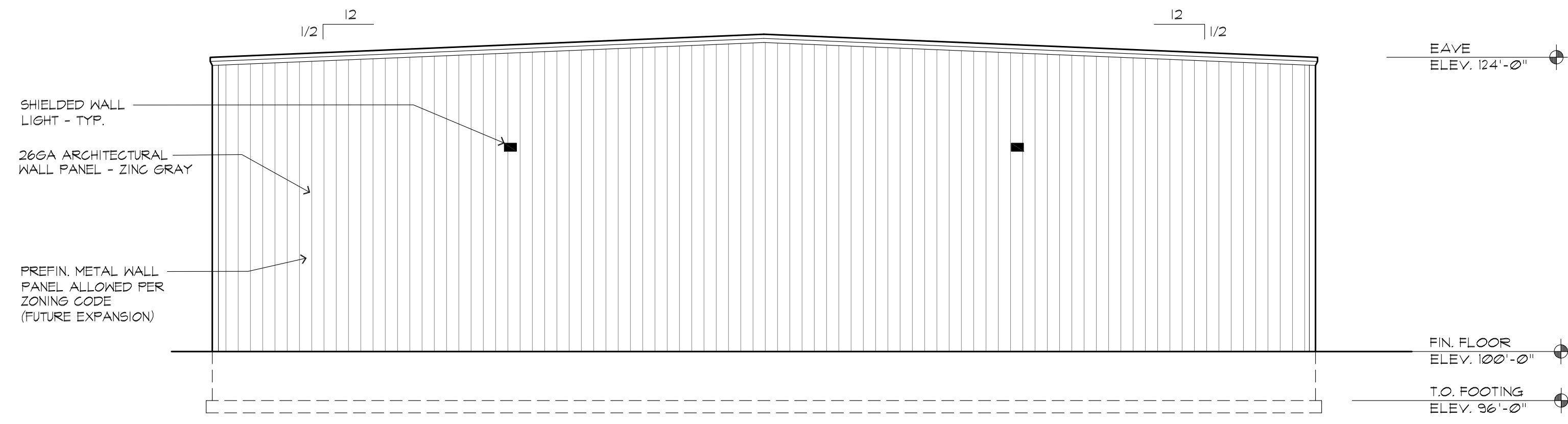
(c) Height. Heights of new structures may be no more than three (3) stories directly adjacent to residentially zoned property in addition to requirements of the zoning district and State of Wisconsin Department of Safety and Professional Services. *Exception: Public and semi-public hospitals, institutions, schools or public utilities.*

Zone "B".

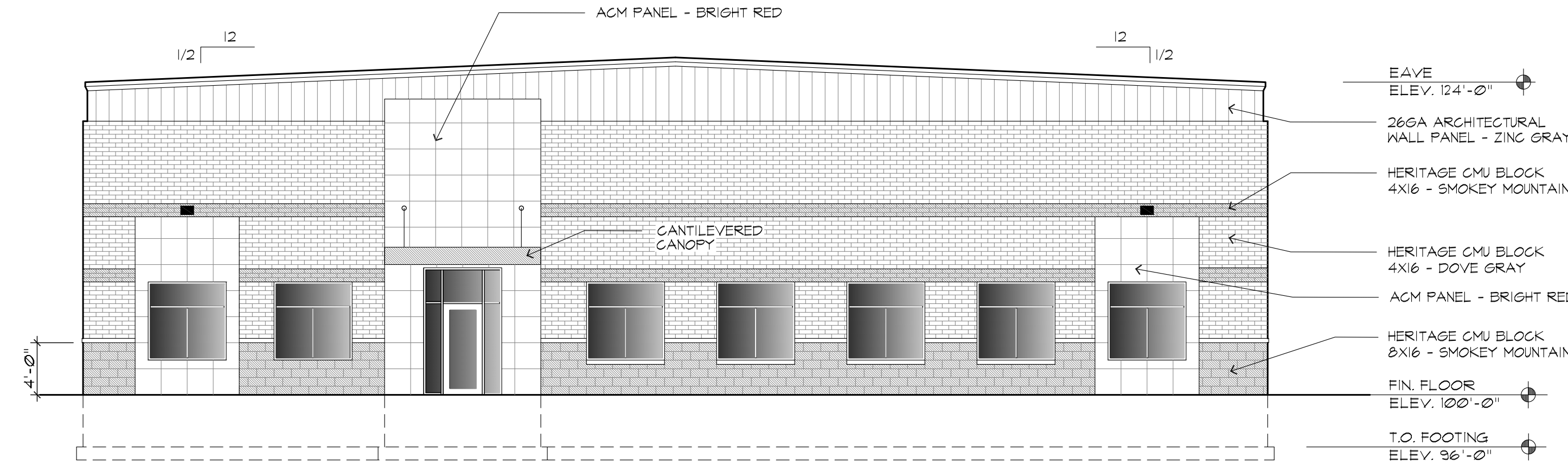
(a) Exterior Materials. Acceptable Exterior Building Materials shall cover 50 percent or more of wall surfaces facing a front yard setback, public street or highway; 33 percent or more of wall surfaces facing a side-yard setback; and 20 percent of more of wall surfaces facing a rear-yard setback. Those areas deemed to be of limited exposure to the general public percentages may be lowered so long as the intent of this provision is maintained.

For those uses that require the location of exposed overhead or ceiling doors, and not allow for the aggregate percentages to be achieved, acceptable building materials may be lowered to accommodate their necessity. The Town Board has the authority to approve additional landscaping, acceptable material in other areas, screening, environmental and energy efficiency provisions, a reduction in the number of doors and building location within the parcel to maintain the aesthetic value of the area.

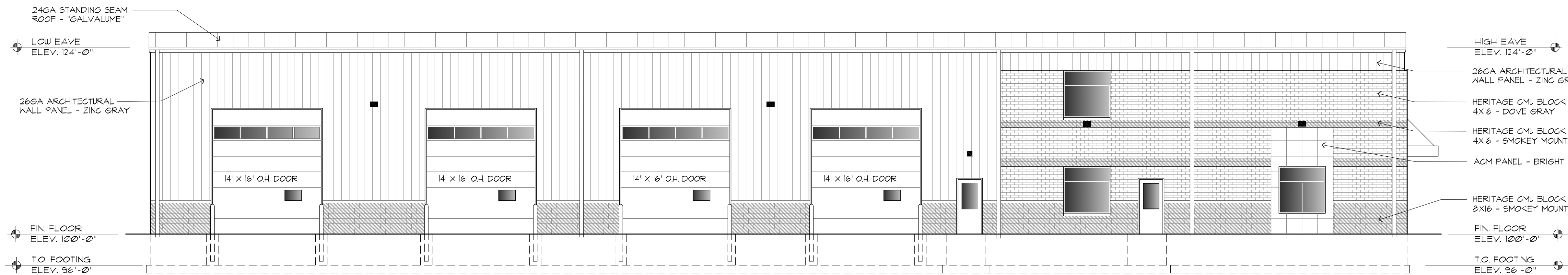
(b) Roofing Materials. For roof slopes greater than 1/2 to 12, provide any of the listed acceptable roofing materials as defined in this section.



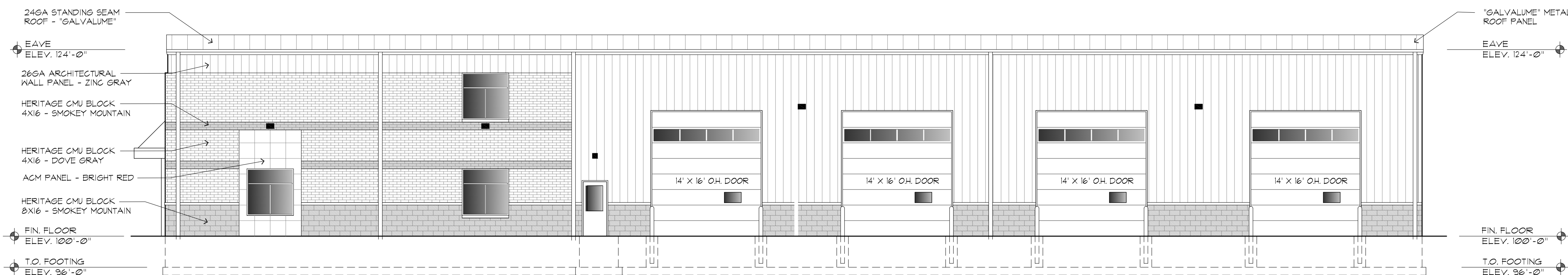
NORTH ELEVATION
 1/8" = 1'-0"



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



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



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

PRELIMINARY - NOT FOR CONSTRUCTION

PROPOSED NEW BUILDING FOR:
 VALLEY TRUCK LEASING

AMERICAN DRIVE, NEENAH WI 54956

BUILDING ELEVATIONS

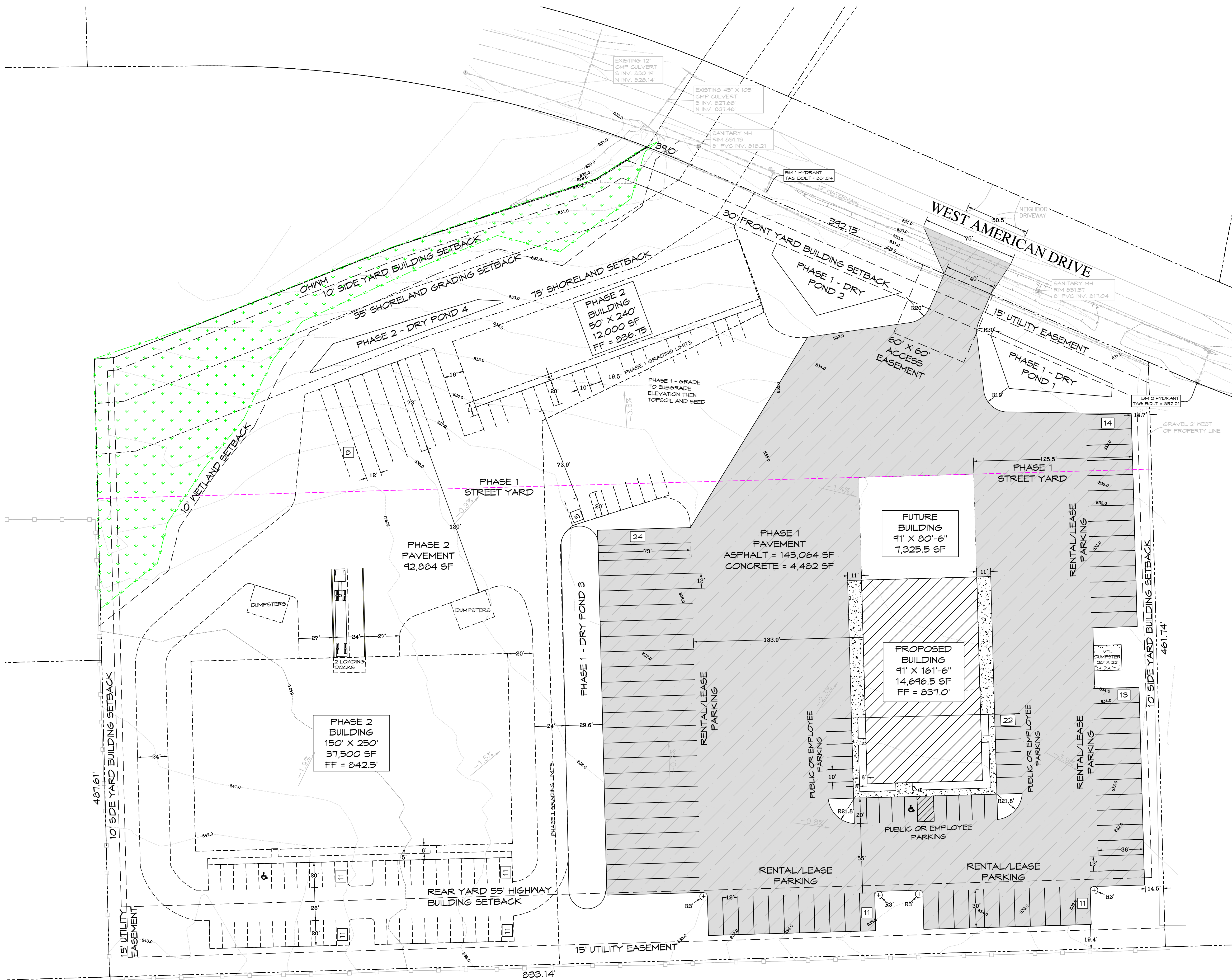
No.	Date	Description

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Project No. 23-2491	Date 10/31/23
Sheet No.	

A201

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SITE DATA PHASE 1

TOTAL AREA =	463,490 SQ FT
BUILDING AREA* =	22,022 SQ FT (04.75%)
PAVED AREAS =	147,546 SQ FT (31.83%)
TOTAL BUILDING & PAVED =	169,568 SQ FT (36.59%)
GREEN SPACE =	293,922 SQ FT (63.41%)
*FUTURE BUILDING AREA INCLUDED IN PHASE 1 FOR LANDSCAPE CALCULATIONS	

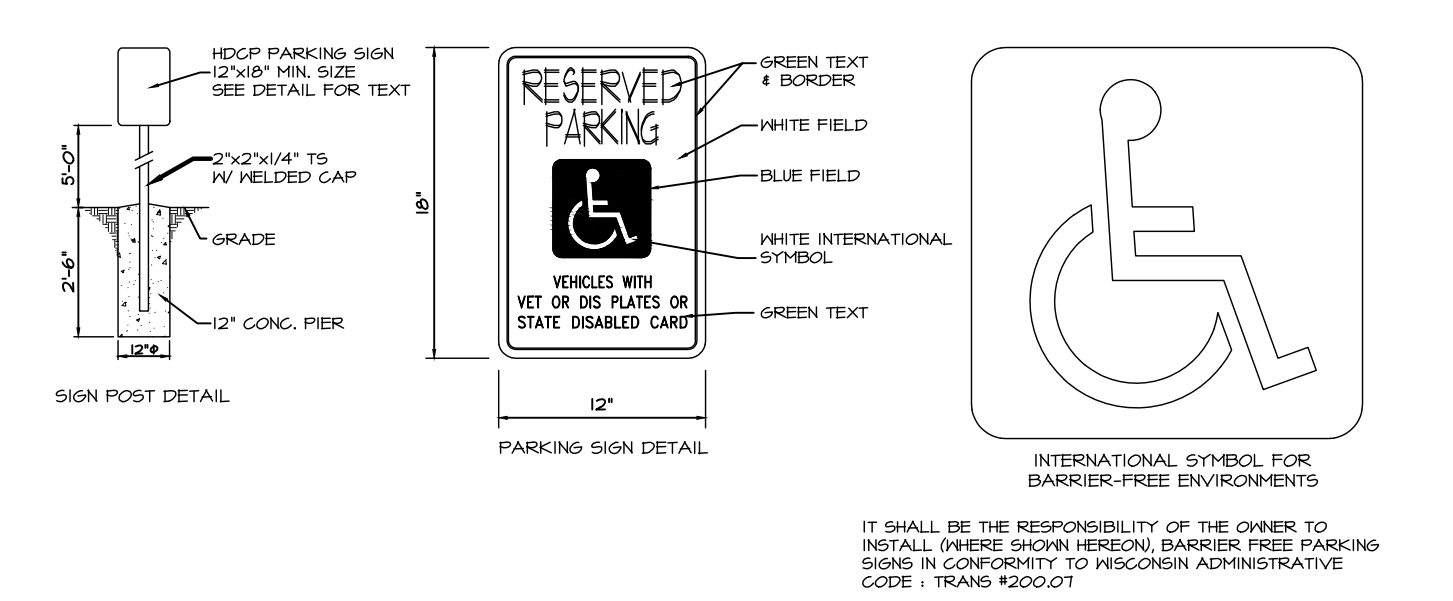
PHASE 1 & PHASE 2 AREAS

BUILDING AREA =	71,522 SQ FT (15.43%)
PAVED AREAS =	240,430 SQ FT (51.87%)
TOTAL BUILDING & PAVED =	311,952 SQ FT (67.31%)
GREEN SPACE =	151,538 SQ FT (32.69%)

NOTE:
ALL AREAS DESIGNATED AS "GREEN SPACE" SHALL BE TOPSOILED TO A DEPTH OF 6 INCHES, SEEDED AND MULCHED. AREA TO BE RAKED FREE OF STONES AND CLUMPS

BENCHMARKS

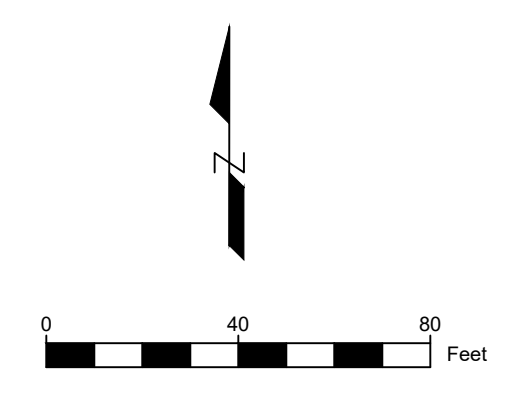
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BM 2	832.21	NE HYDRANT TAG BOLT



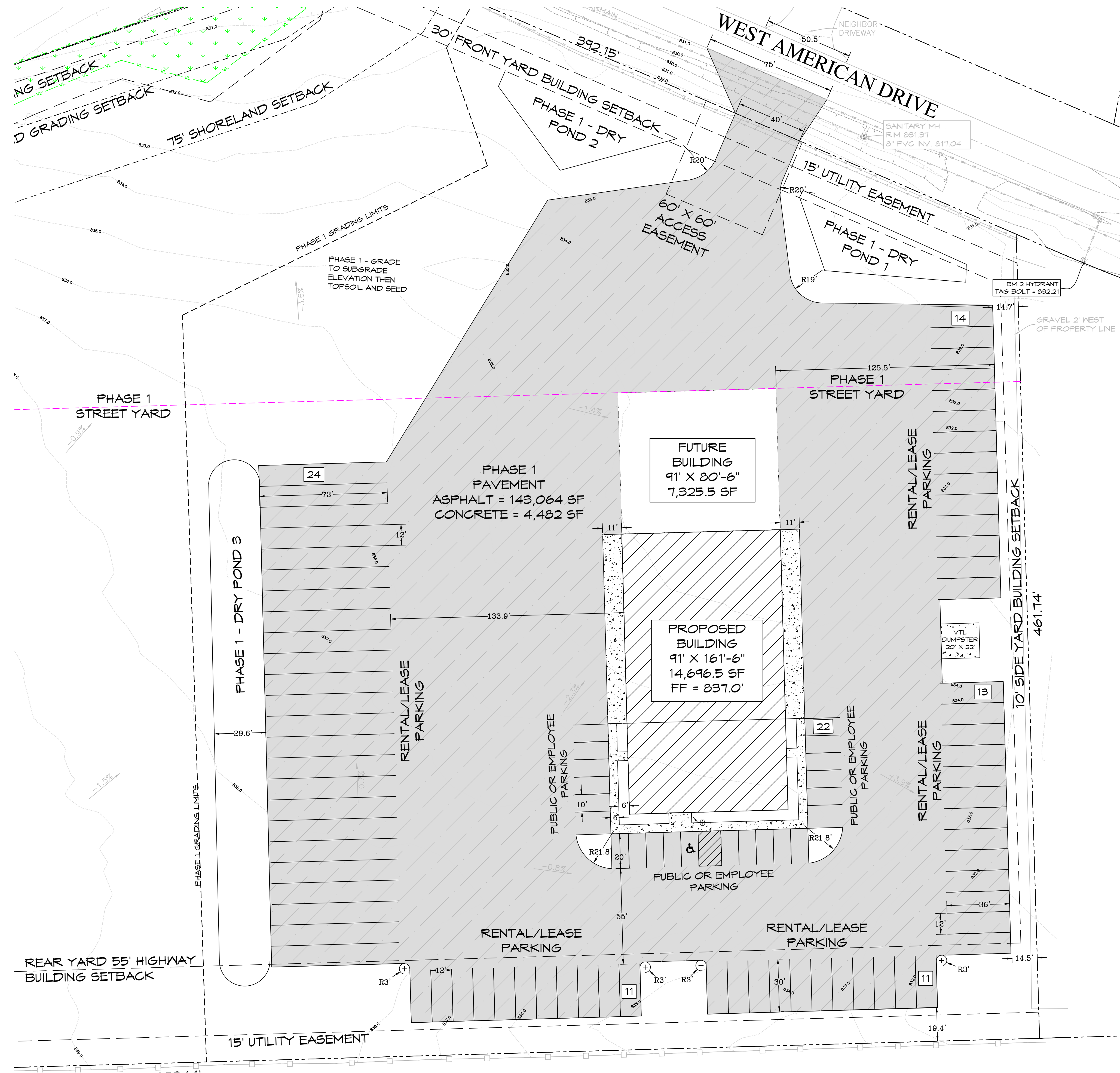
LEGEND

DESCRIPTION	EXISTING	PROPOSED
CONTOUR MAJOR	500	500
CONTOUR MINOR	499	499
SANITARY SEWER	SS	SS
STORM SEWER	STH	STH
WATER MAIN	W	W
PROPERTY LINE	S	S
SILT FENCE		
GRADING LIMIT		
SPOT ELEVATION		EL: 100.00
HEAVY DUTY ASPHALT		
LIGHT DUTY ASPHALT		
CONCRETE		
DELINEATED WETLAND		

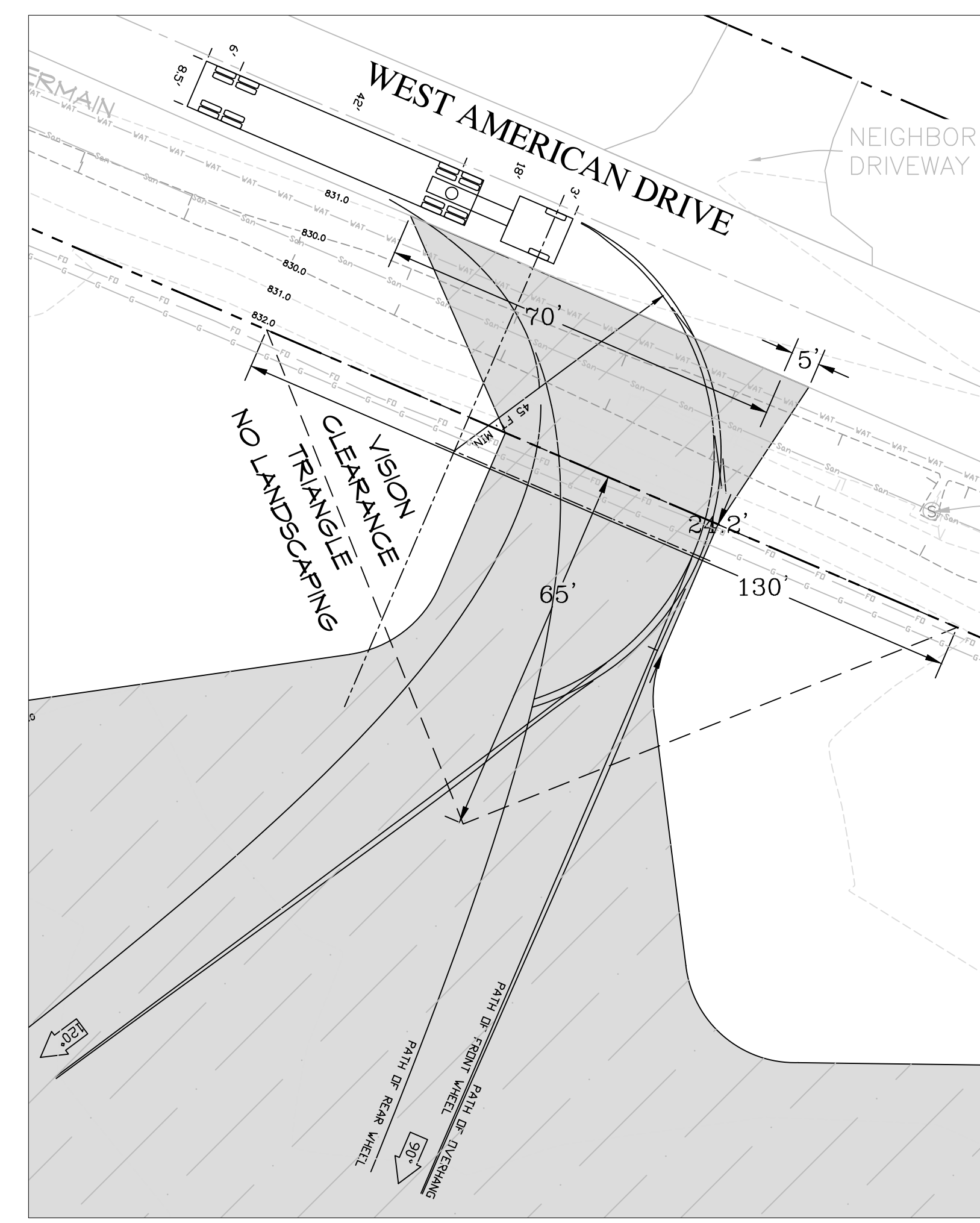
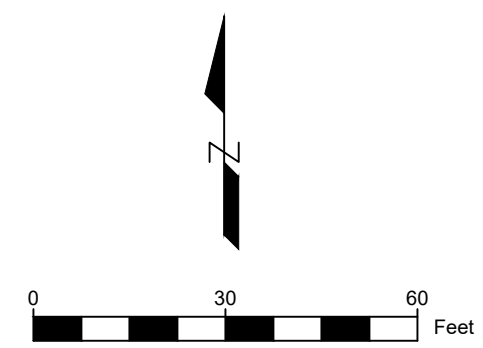
1 OVERALL SITE PLAN
C2.0 1" = 40'-0"



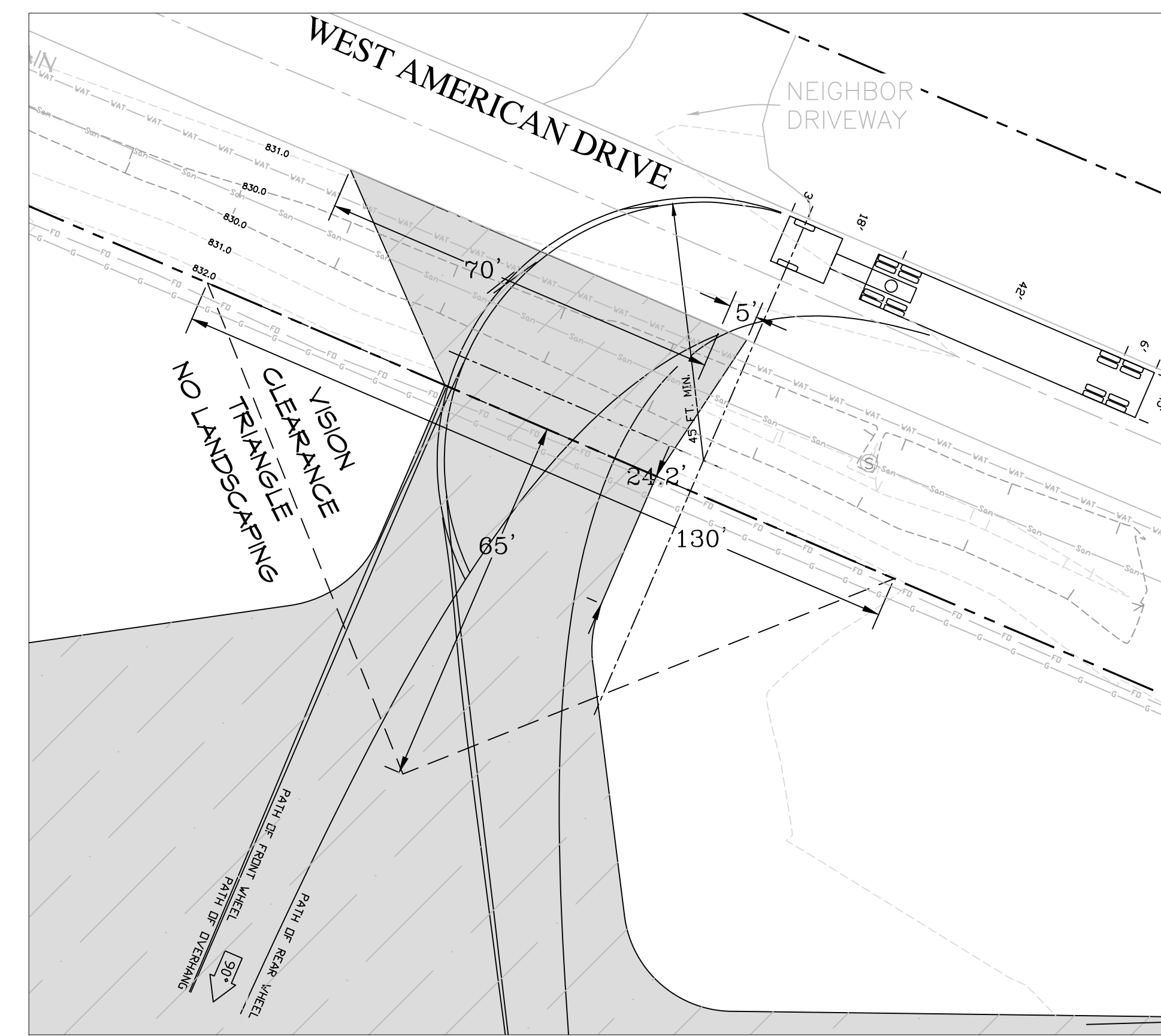
No.	Date	Description



1 PHAE 1 SITE PLAN
C2.1 1" = 30'-0"



2 PROPOSED ACCESS FROM WEST
C2.0 1" = 20'-0"



3 PROPOSED ACCESS FROM EAST
C2.0 1" = 20'-0"



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PROPOSED NEW BUILDING FOR:
VALLEY TRUCK LEASING INC.

CLAYTON, WISCONSIN

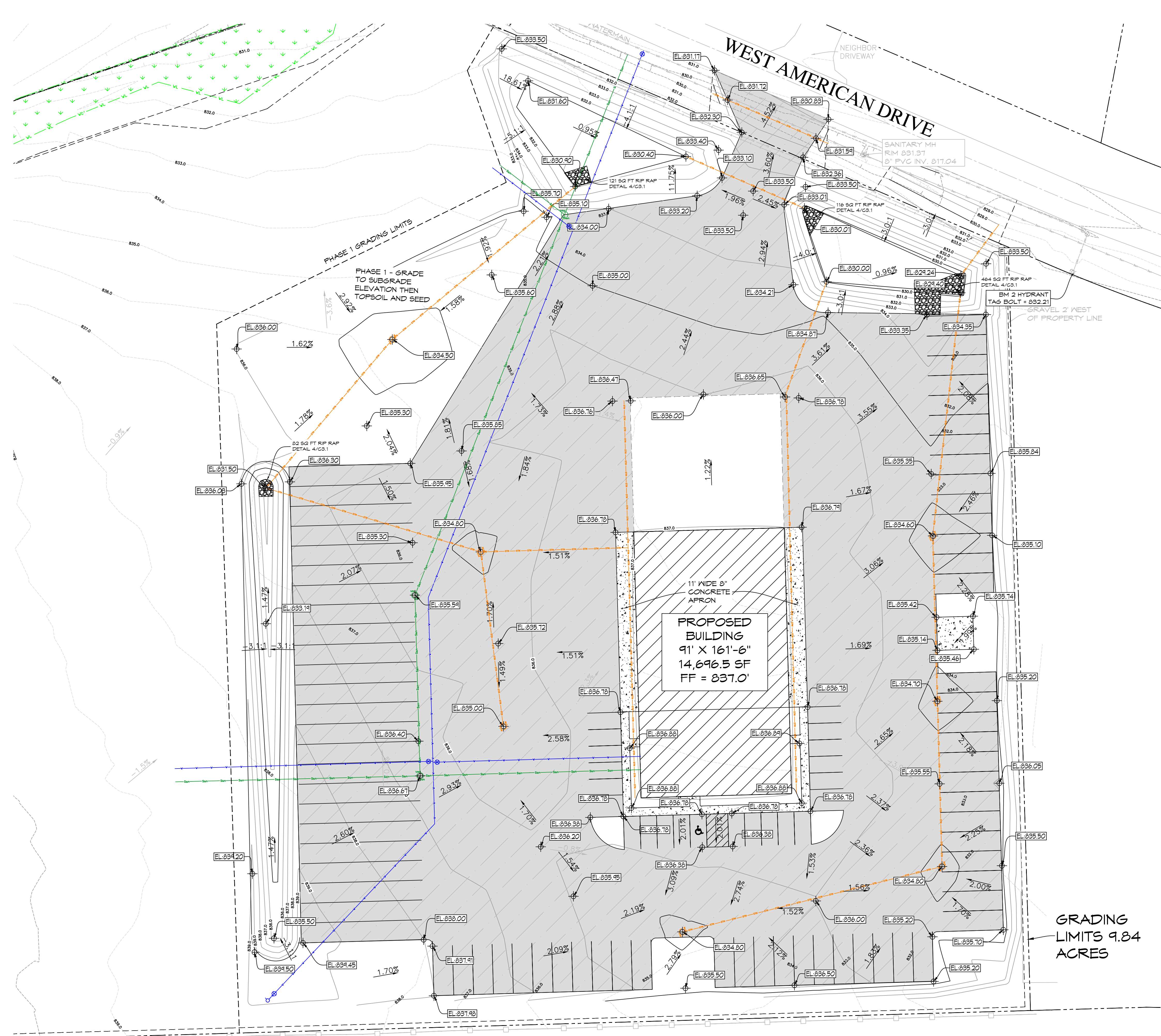
PHASE 1 SITE PLAN

No.	Date	Description

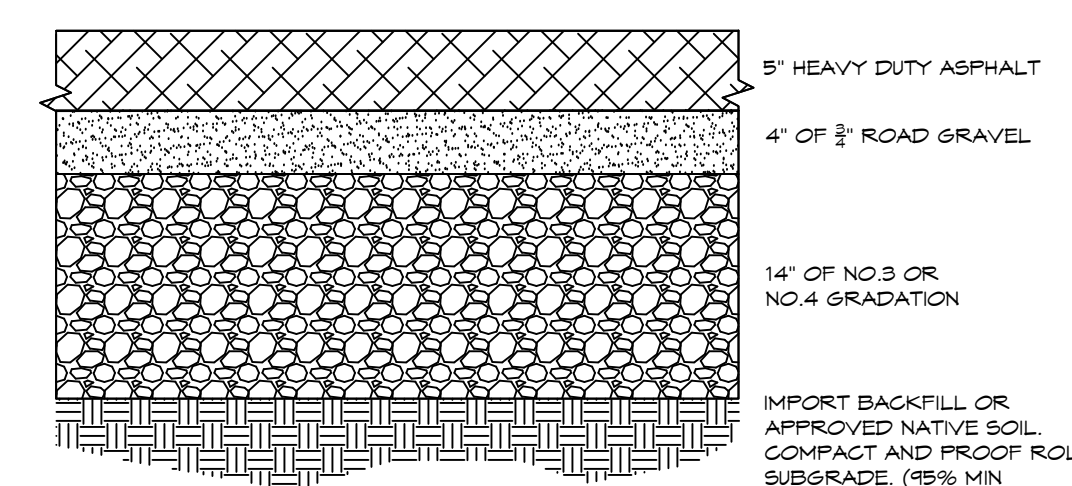
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Drawn By: C.J.F. Approved By: C.J.F.
Project No.: 23-2491 Date: 10/30/2023
Sheet No.:

C2.1

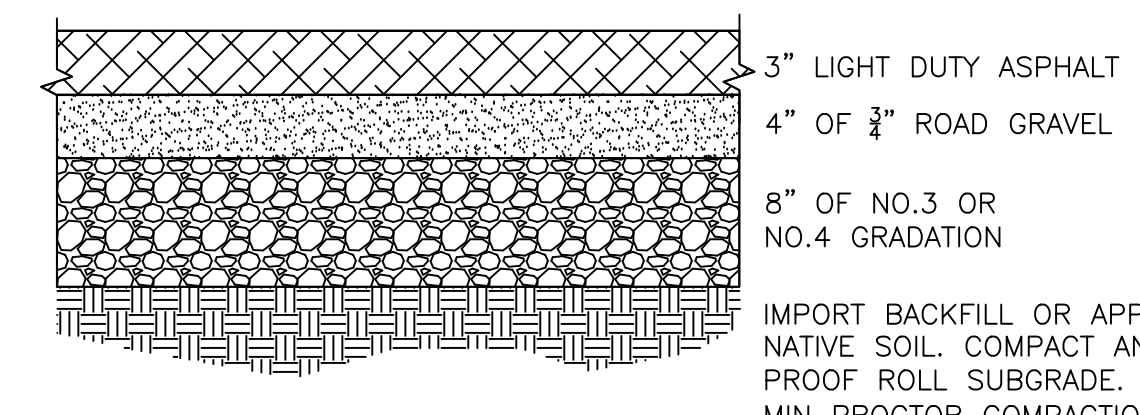


1 GRADING PLAN
C4.0 1" = 30'-0"



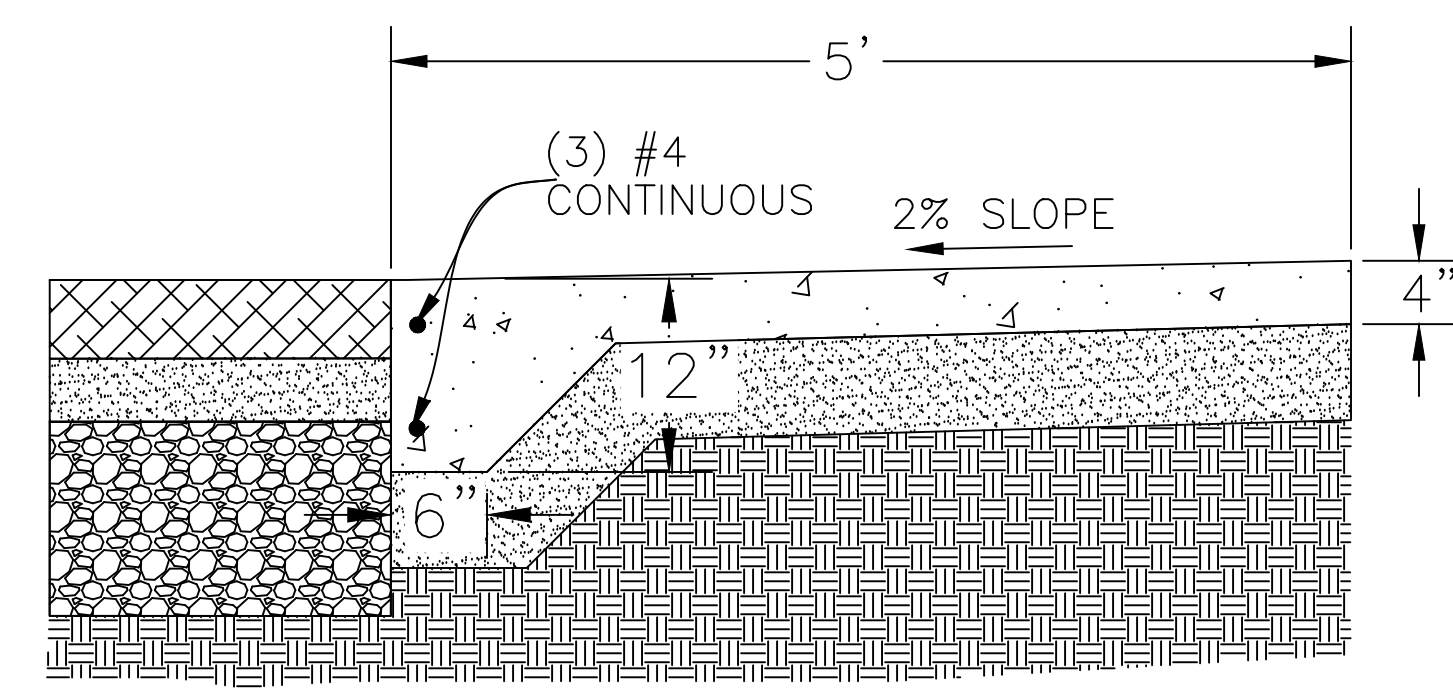
GENERAL CONSTRUCTION NOTES:
1. SITE PREPARATION: REMOVE ALL ORGANIC AND UN-COMPACTED MATERIAL BEFORE PLACING SUBGRADE.
2. HEAVY DUTY ASPHALT TO CONSIST OF 2" ASPHALT SURFACE AND 3" BINDER

2 HEAVY DUTY ASPHALT
C4.0 NTS



GENERAL CONSTRUCTION NOTES:
1. SITE PREPARATION: REMOVE ALL ORGANIC AND UN-COMPACTED MATERIAL BEFORE PLACING SUBGRADE.
2. LIGHT DUTY ASPHALT TO CONSIST OF 1.5" ASPHALT SURFACE AND 1.5" BINDER

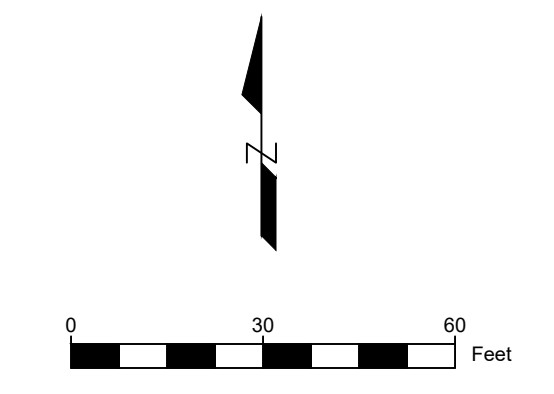
3 LIGHT DUTY ASPHALT
C4.0 NTS



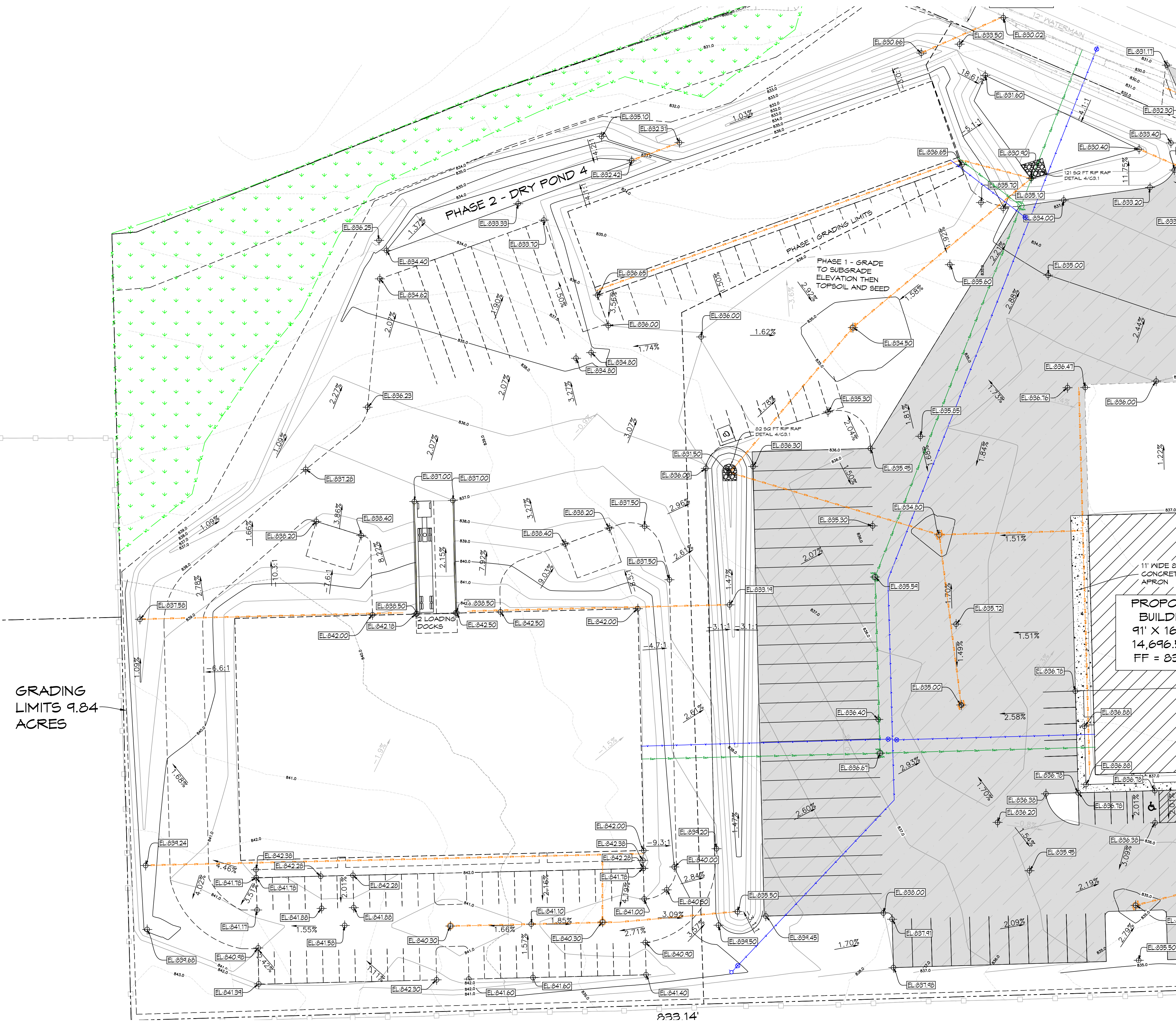
4 TYP. THICKENED EDGE SIDEWALK
C4.0 NTS

LEGEND

DESCRIPTION	EXISTING	PROPOSED
CONTOUR MAJOR	500	500
CONTOUR MINOR	499	499
SANITARY SEWER	SS	SS
STORM SEWER	STH	STH
WATER MAIN	W	W
PROPERTY LINE	S	S
SILT FENCE	S	S
GRADING LIMIT	S	S
SPOT ELEVATION	EL. 100.00	EL. 100.00
HEAVY DUTY ASPHALT		
LIGHT DUTY ASPHALT		
CONCRETE		
DELINEATED WETLAND		

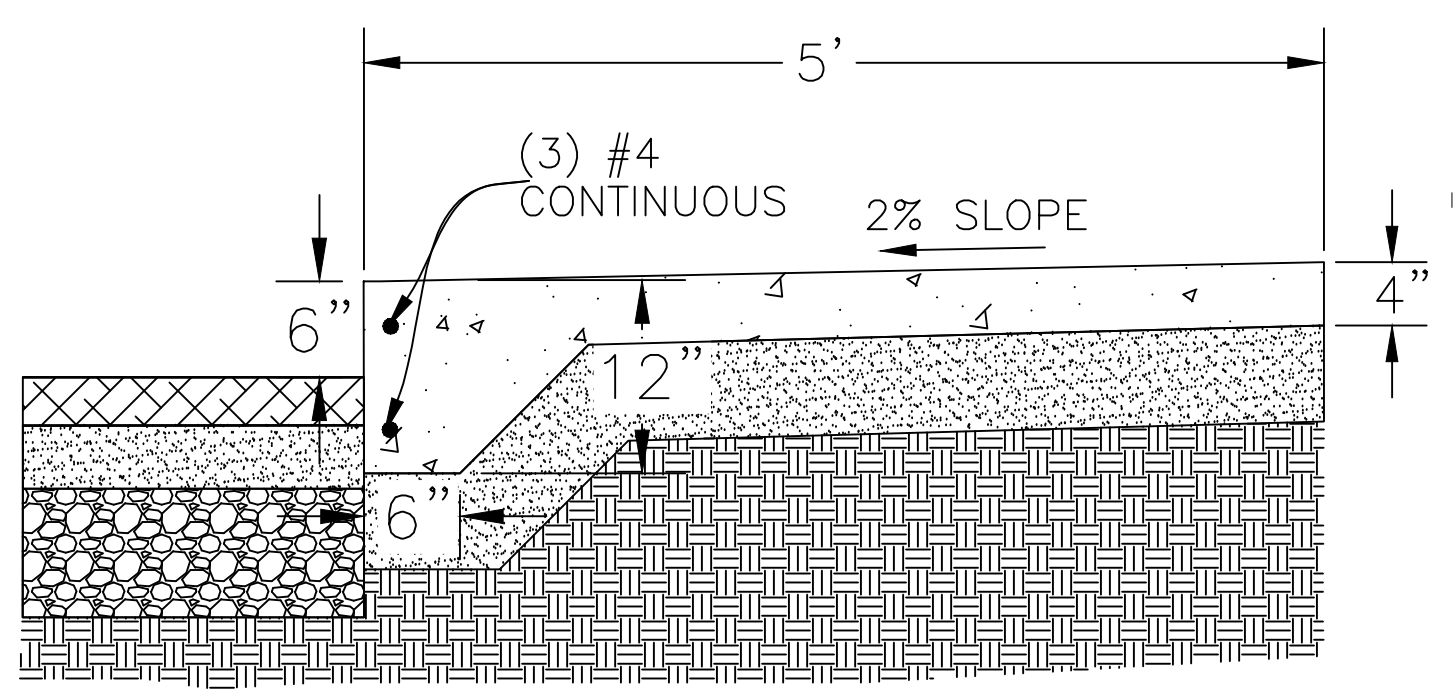


No.	Date	Description



GRADING LIMITS 9.84 ACRES

1 FUTURE GRADING PLAN
C4.1 1" = 30'-0"



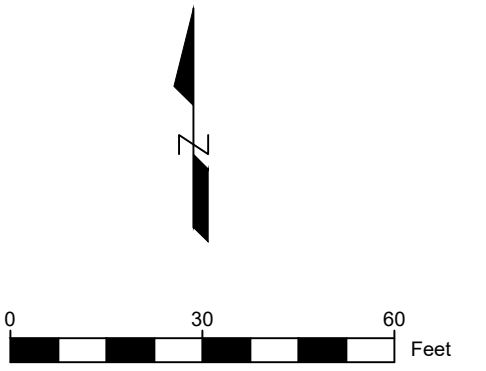
2 TYP. THICKENED EDGE SIDEWALK
C4.1 NTS

LEGEND

DESCRIPTION	EXISTING	PROPOSED
CONTOUR MAJOR	500	500
CONTOUR MINOR	499	499
SANITARY SEWER	— S—S—	— S—S—
STORM SEWER	— STH—STH—	— STH—STH—
WATER MAIN	— W—W—	— W—W—
PROPERTY LINE	— P—P—	— P—P—
SILT FENCE	— S—S—	— S—S—
GRADING LIMIT	— G—G—	— G—G—
SPOT ELEVATION	EL. 100.00	EL. 100.00
HEAVY DUTY ASPHALT	— H—H—	— H—H—
LIGHT DUTY ASPHALT	— L—L—	— L—L—
CONCRETE	— C—C—	— C—C—
DELINEATED WETLAND	— W—W—	— W—W—



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PROPOSED NEW BUILDING FOR:
VALLEY TRUCK LEASING INC.

CLAYTON, WISCONSIN
FUTURE GRADING PLAN

No.	Date	Description

Page Information

Drawn By CJF	Approved By CJF
Project No. 23-2411	Date 10/30/2023
Sheet No.	

C4.1

Site Plan, Landscape Plan, & Lighting Plan

2024 Valley Truck Leasing Building

Town of Clayton

Winnebago County

November 2023

Revised November 21, 2023

Prepared for:

Utschig Inc.

N1040 Craftsman Drive

Greenville, WI 54942

Contact: TJ Utschig

Phone: (920) 757-0999

Email: TJ@UtschigInc.com

Prepared by:

Clark Fox, P.E.

Civil Fox Engineering, LLC

1730 East. Sylvan Avenue

Appleton, WI 54915

Phone: (920) 419-5904



CIVIL FOX
ENGINEERING, LLC

Valley Truck Leasing

Site Plan

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5.1 Surrounding Driveway Widths at Road Edge	4
6.0 Street Yard Setback Variance Request.....	4

Appendix A – Site Plan Application

Appendix B – Landscape Plan

Appendix C – Lighting Plan

Appendix D – Owner Statement

Appendix E – Solar Reflective Index

Attachment – Proposed New Building for Valley Truck Leasing

Attachment – Valley Truck Leasing Stormwater Management Plan & Erosion Control Plan



1730 East Sylvan Avenue
Appleton, WI 54915
www.civil-fox.com
Phone: (920)419-5904

Site Plan Narrative

1.0 Introduction

Valley Truck Leasing, Inc. (VTL) is owned by JJ Toppins. VTL desires to construct a building for their truck leasing business. A total of one new building is being proposed currently, with a future building addition, two future buildings and a future parking area. The proposed construction is located on West American Drive in the Town of Clayton, Winnebago County, Wisconsin (Parcel # 006034102; NE-SW & NW-SE, Section 12, T20N R16E).

VTL proposes to operate a business at the proposed site. The hours of operation would be from 7AM to 9PM Monday through Friday and closed on Saturday and Sunday. Additional hours may be required as needed. VTL currently has approximately 15 employees on staff. Outside storage will consist of rental or lease trucks and trailers. All work-related vehicles will be parked in the proposed shop.

1.1 Project Contacts

Owner: Valley Truck Leasing, Inc. – JJ Toppins
Phone: (920) 757-9453, Email: JJ@valleytruckleasingnl.com
Civil Engineer: Civil Fox Engineering, LLC - Clark Fox, P.E.
Phone: (920) 419-5904, Email: Clark@civil-fox.com
Architect: Utschig Inc. – Jeremy Wesener
Phone (920) 757-0999, Email: Jeremy.Wesener@utschiginc.com
General Contractor: Utschig Inc. – Jason Techlin
Phone (920) 757-0999, Email: JTechlin@utschiginc.com

2.0 Construction Phases

Proposed

- Construct a 14,697 square foot building with a pitched roof that is sloped to the west and east and will connect to the existing stormwater pipe system. The structure will not have basements.
- Construct an asphalt driveway and parking that will cover 143,905 square feet.
- Construct a 4,482 square foot concrete area for sidewalks, aprons, and dumpster pad.
- Construct a Stormwater Management System (SMS) that consists of surface inlets within the driveway area that discharge stormwater to the existing road ditch that discharges to an existing regional pond. The SMS is designed to collect runoff from both phases of construction.
- Dimensional Requirements:

- Lot area – 463,490 ft²
- Building area – 22,022 ft² (Includes future addition)
- Parking/driveway area – 143,905 ft²
- Concrete for sidewalks – 4,482 ft²
- Total impervious area – 170,409 ft²
- 22 Parking spaces provided.
- Front lot width – 392 feet
- Front yard setback from structure – 30 feet
- West side yard setback from structure – 10 feet
- East side yard setback from structure – 10 feet
- Rear yard setback from structure – 55 feet
- Lot coverage 36.77%
- Building maximum height –24 feet at eave height

Future

- Construct a 12,000 square foot building with a pitched roof that is sloped to the north and south and will connect to the existing stormwater system, via underground stormwater pipes. The structure will not have a basement.
- Construct a 37,500 square foot building with a pitched roof that is sloped to the north and south and will connect to the existing stormwater system, via underground stormwater pipes. The structure will not have a basement.
- Add additional parking and driveways will be 92,884 square feet of impervious included in the SMS.
- Future lot coverage will be 67.49%

3.0 Landscape Plan

Currently there are no trees on site. The following additional tree plantings are proposed:

- Tree Schedule
 - Thirty-Four (34) Colorado Blue Spruce as required by zoning ordinance.
- Shrub Schedule
 - Twenty-Three (23) Goldflame Spirea, Seventy (70) Red Prince Weigela, and Twenty (20) Pyramidal Thuja Arboritae.
- Lawn Seeding: Areas to be seeded into lawn will be seeded with a shade tolerant Kentucky bluegrass.
- Installation and Certification: Within 30 days of the installation of the planting and lawn seeding Valley Truck Leasing will submit written certification to the Village of Little Chute administrator that healthy plant materials were properly installed in accordance with the Approved landscape plan.
- Maintenance: The owner of Valley Truck Leasing shall be responsible for protecting, maintaining, and repairing all components of the landscaping plan.

The schedule for installation of the Landscape Plan is shown on the Site Development Description and Schedule.

4.0 Lighting Plan

The proposed Lighting Plan contains the following elements:

- Cut sheets of the fixtures: See Appendix D.
 - Fixtures identified as A and B on the Lighting Plan, mounted on the building – twelve (12) LED Wallpacks, mounted at 18 feet on the proposed building. Includes cutoff glare shield.
 - Fixtures identified as C and C on the Lighting Plan, mounting on 25-foot poles. – five (5) LED lights. Includes cutoff glare shield.
- Scale plot plan Graphic representation of proposed luminaries showing lighting distribution at all angles. Distribution is shown in footcandles.

5.0 Driveway Access Variance Request

Sec. A. (1) (e) of Attachment B - Width. Minimum driveway widths of 24 feet are required. Driveways shall not exceed a maximum width of 36 feet at their juncture with the street pavement or 30 feet in width at the public right-of-way line.

The proposed driveway width of 75 feet at the juncture with the street pavement and 40 feet in width at the public right-of-way line. The proposed driveway will allow semi-trucks to safely turn into the site. The proposed driveway favors the west side to allow semi-trucks to turn into the site when coming from the west without having to swing into oncoming traffic to successfully make the turn into the driveway. Appendix E has the proposed driveway along with the code required driveway shown in red. The turning radius of the semi would go onto the road shoulder and outside the code required driveway width.

There are three main criteria that a variance applicant must satisfy: unnecessary hardship, a unique property limitation and no harm to the public interest.

Unnecessary hardship: An unnecessary hardship of being unable to safely have semi-trucks and trailers entering or exiting the facility would greatly impact Valley Truck Leasing as it is a primary source of business. Literal enforcement of the zoning code would be an unnecessary burdensome by creating an unsafe situation.

Unique property limitation: No property limitation is applicable other than the driveway width set forth in the Town of Clayton Code of Ordinances. The driveway width creates a circumstance that is beyond the control of the applicant.

No harm to the public interest: Approving the variance would be in the public's interest as it would increase the safety of the public. An average of 12-15 semi-trucks and trailers will enter an exit the site a day. Having the proposed driveway access will minimize any traffic conflicts with the public. As the area surrounding the proposed site develops it would be expected that traffic will increase. Therefore, it would be in the

public's interest to approve the variance request which would not harm the neighboring properties or the public interest at large.

5.1 Surrounding Driveway Widths at Road Edge

1. Quiet woods RV - 9042 Campers Way - Straight In 46 foot wide.
2. Corcoran Glass and Paint (west neighbor) – 2825 Campers Blvd. – Straight In 43 foot wide.
3. Envision Ink – 2730 West American Drive – 90-Degree 68 foot wide.
4. Complete Fire Solutions (north neighbor) – 2630 American Dr. – 50' with radii.
5. Kunes Fox Valley RV (east neighbor) – 2615 American Dr. – 60' measured as a straight line.

6.0 Street Yard Setback Variance Request

Street yard is defined as: “that area that extends across the front of a lot between the side lot lines from the front lot line to the front of the principal building.” We would like to propose the street yard setback only be for West American Drive as that would be our front yard. We would also like to request the line be from the future building. These requests are since rental and lease trucks and trailers are being considered outside storage. We would disagree with trucking and trailers being outside storage. Due to the fact the proposed building is for a truck leasing business it would be detrimental to limit the space they can park there rental and lease truck and trailers. Additional landscaping has been added to screen the parking areas. Additionally there is a fence along the highway 10 road that has large brush that would act as screening as well.

Appendix A
Site Plan Application





Site Plan Review Application
Town of Clayton

Mail: 8348 County Road T, Larsen, WI 54947
Phone: 920-836-2007 Fax: 920-836-2026
Email: administrator@townofclayton.net
Web Page: www.townofclayton.net

Contact Information

Arch. - Utschig - Jeremy Wesener
Civil - Civil Fox Engineering, LLC

Property Owner: Last Time Reality, LLC
Company: _____
Address: 11565 Meadow Park Drive
City/St/Zip: Greenville, WI 54942
Phone/Fax: 920-841-9710
Email: lj@valleytruckleasing.com

Engineer/Architect: _____
Company: Utschig Inc.
Address: 11040 Craftsmen Dr.
City/St/Zip: Greenville, WI 54942
Phone/Fax: 920-757-0999
Email: tj@Utschig Inc. com

Property Information

Project Name: Valley Truck Leasing Inc.
Site Address: _____ Tax/Parcel ID: 006-03410Z CSM 7607
Site Zoning: B-3
Surrounding Land Uses: North: B-3
South: State Highway
East: B-3
West: B-3

Proposed Use: Semi-Truck and Trailer Rental and Leasing Company
5-Locations w/ Appleton being VTL's Headquarters
Proposed Zoning: Commercial
Lot Size: 10.68 AC. Structure Size: 14,696.5 SF. Addition: 6,825 SF.
Project Schedule: Break Ground April 1st 2024 Occupancy Nov. 1st 2024

Submittal Fees and Requirements

See Application Checklist for Additional Information
Please make checks payable to the Town of Clayton

Fees

- Fees are based on Actual Review Costs (See Fee Schedule) and will be determined prior to approval.
- Storm Water & Erosion Control fees are based on Winnebago County Zoning Department fee schedule.

Plan of Operation

- Letter describing the business

Site Plan, Architectural Plan, Utility Plan (if applicable), Landscaping Plan

- Meets the requirements of the Town's Zoning Code of Ordinances Article 7, Division 13
- Meets the requirements of the Town's Subdivision Ordinance
- Submit 1 Hard Copy w/application and email an 11 x 17 copy

Signatures

By the execution of this application, applicant hereby authorizes the Town of Clayton or its agents to enter upon the property during the hours of 7:00 AM to 7:00 PM daily for the purpose of inspection. Applicant grants the Town of Clayton or its agents even if applicant has posted this land against trespassing pursuant to Sec. 943.13 Wis. Stats.

Signature: _____

Date: _____

Appendix B
Landscaping Plan



TREE & SHRUB REQUIREMENTS			
TYPE	MIN. SIZE	PTS.	REMARKS
TALL OR MEDIUM HEIGHT DECIDUOUS TREE	2 1/2" DIA.	30	(AS REQUIRED BY ZONING ORDINANCE)
LOW HEIGHT DECIDUOUS TREE	1 1/2" DIA.	10	
EVERGREEN TREE	6" TALL	30	
TALL OR MEDIUM HEIGHT SHRUB	24" HEIGHT	5	
LOW HEIGHT SHRUB	18" HEIGHT	3	

PARKING AREA LANDSCAPING
 1 TREE PER 5,000 SF PARKING AREA
 (PLACED 10' FROM ASPHALT)

LANDSCAPE REQUIREMENTS
 A MINIMUM OF 20 LANDSCAPE POINTS CONSISTING OF EVERGREEN & DECIDUOUS TREE FOR EVERY 4,500 SF. OF IMPERVIOUS SURFACE AREA.
 PHASE 1 IMPERVIOUS SURFACE = 16,956.5 SF
 16,956.5 / 4,500 = 3.77 X 20 = 76.0 POINTS REQUIRED

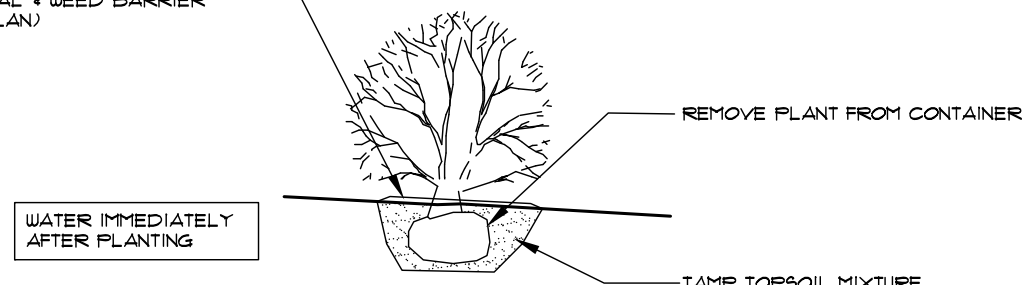
LANDSCAPE SHRUB SCHEDULE						
DESCRIPTION	TYPE	ABBREVIATION	QTY.	SIZE	PTS.	PTS. TOTAL
GOLDFLAME SPIREA		G.S.	23	18" MIN.	3	69
RED PRINCE LIEBIGELA		R.P.W.	70	24" MIN.	5	350
PYRAMIDAL THUJA ARBORVITAE		P.T.A.	20	5' MIN.	5	100
						519

LANDSCAPE TREE SCHEDULE						
DESCRIPTION	TYPE	ABBREVIATION	QTY.	SIZE	PTS.	PTS. TOTAL
COLORADO BLUE SPRUCE	TALL OR MEDIUM HEIGHT DECIDUOUS TREE	C.B.S.	34	MIN. 4" HIGH PLANTING HT.	30	1020
						(AS REQUIRED BY ZONING ORDINANCE)

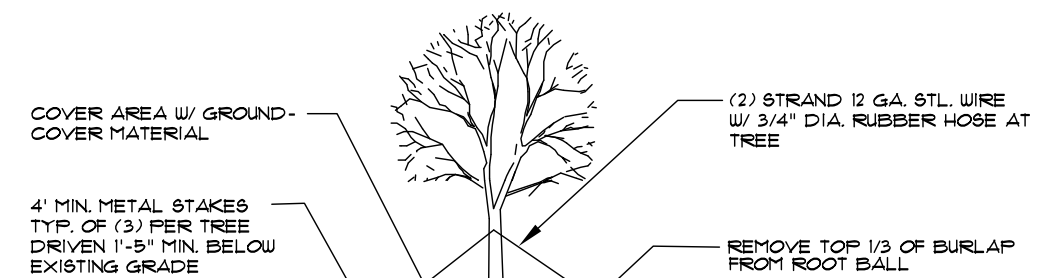
ALL PLANTING AREAS TO HAVE PLASTIC EDGING WHERE NEEDED AND COVERED WITH SHREDDED BARK (OR LANDSCAPE STONE) AS REQUIRED BY TOWN ZONING CODE

SEED MIX
 20% RUGBY II KENTUCKY BLUEGRASS
 20% NEW GLADE KENTUCKY BLUEGRASS
 20% ASPEN KENTUCKY BLUEGRASS
 20% BLUE MOON KENTUCKY BLUEGRASS
 15% BLUE CHIP KENTUCKY BLUEGRASS
 5% STATESMAN PERENNIAL RYE GRASS

COVER AREA W/ GROUND COVER MATERIAL & WEED BARRIER (SEE PLAN)



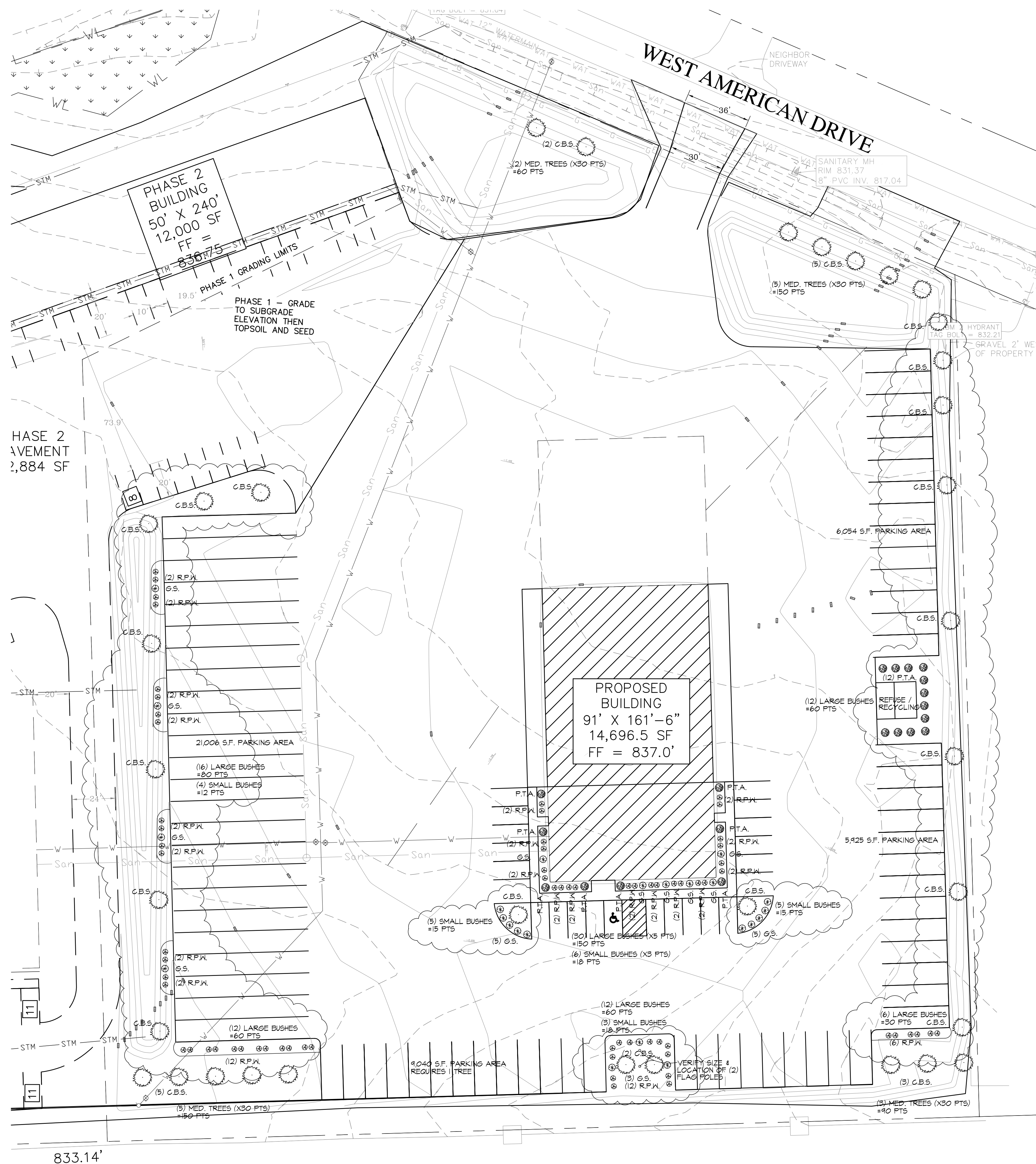
SHRUB/TREE PLANTING DETAIL



TREE PLANTING DETAIL

PLANTING REQUIREMENTS

ROW PLANTINGS
 (1) DECIDUOUS TREE MIN. 40' SPACING
 W/ (6) SHRUBS PER TREE
 PERIMETER PLANTINGS TO BE INSTALLED AT BUILDING FRONTAGE



LANDSCAPE PLAN
 1" = 30'-0"
 NORTH

PROPOSED NEW BUILDING FOR:
VALLEY TRUCK LEASING
 AMERICAN DRIVE, NEENAH WI 54956
LANDSCAPE PLAN

No.	Date	Description

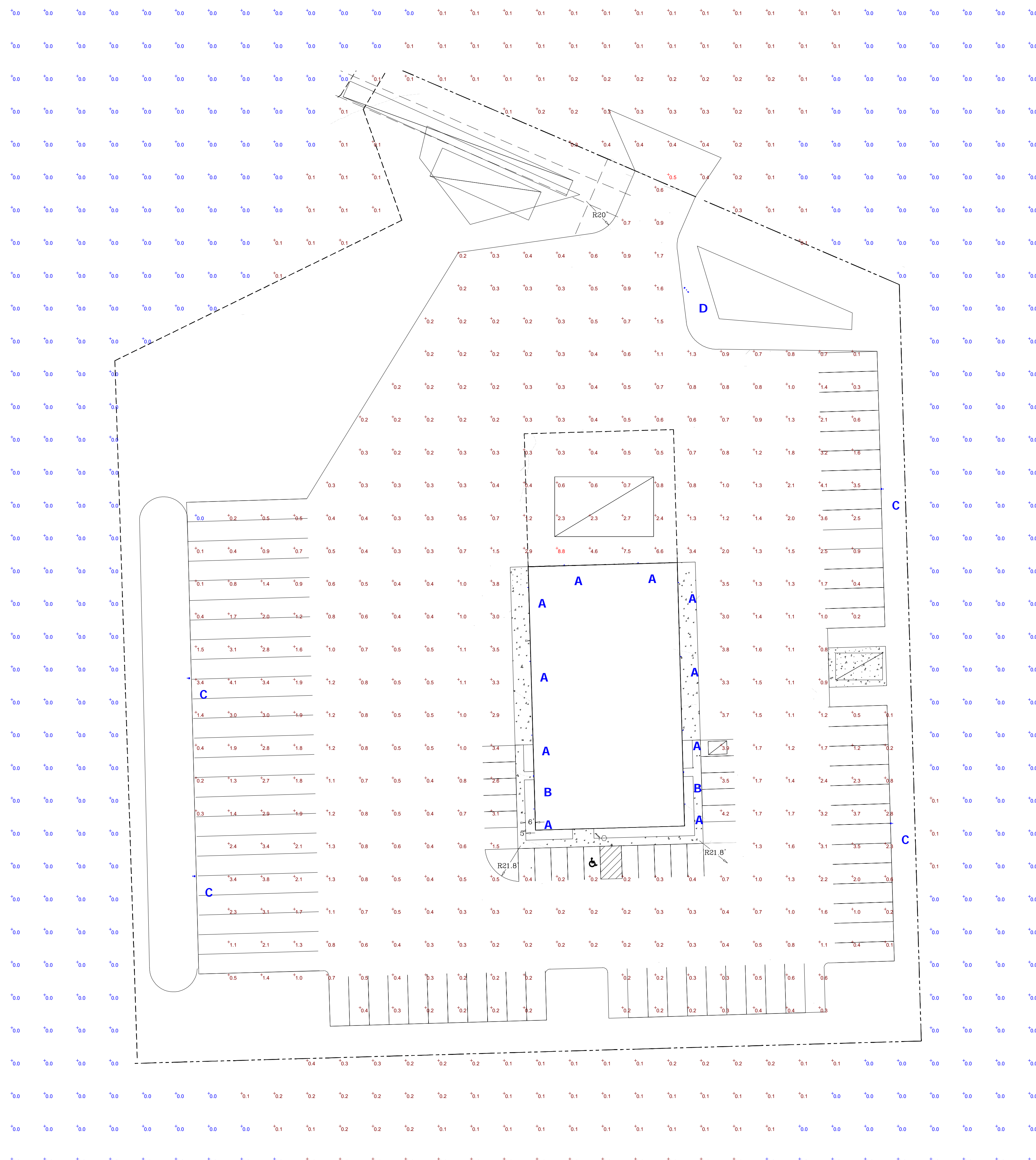
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 Project No.: 23-2491 Date: 11/17/23
 Sheet No.

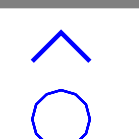

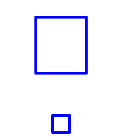
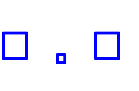
UTSCHIG
 DESIGN · CONSTRUCTION · DEVELOPMENT
Your Construction Solution!
 PHONE: 920.757.0999 N1040 CRAFTSMEN DRIVE
 FAX: 920.757.1015 GREENVILLE, WI 54942

Appendix C
Lighting Site Plan





Plan View
Scale - 1" = 35ft

Schedule				
Symbol	Label	Quantity	Catalog Number	Wattage
	A	10	SLIM17FAFC100_4K at 0% CCT Setting	102.77
	B	2	SLIM17FA15ADJ_4K	13.98
	C	4	RSX4 LED P6 40K R4 MVOLT IS HS - 25' SQ STEEL POLE WITH TENON, BASE 2' ABOVE GRADE	545.66
	D	1	TWIN RSX4 LED P6 40K R4 MVOLT IS HS - 25' SQ STEEL POLE WITH BULL HORN, BASE 2' ABOVE GRADE	1091.32

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
AREA OUTSIDE OF PARKING LOT	+	0.0 fc	0.5 fc	0.0 fc	N/A	N/A
PARKING LOT	+	1.1 fc	8.8 fc	0.0 fc	N/A	N/A



Color: Bronze

Weight: 3.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.13A
208V	0.07A
240V	0.06A
277V	0.05A
Input Watts	14.2/14/14.2W

LED Info

Watts	15W
Color Temp	3000K/4000K/5000K
Color Accuracy	70 CRI
L70 Lifespan	100,000 Hours
Lumens	1761/1904/1852 lm
Efficacy	124/136.2/130.3 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Color temperature selectable by 3000K, 4000K and 5000K

Compliance

UL Listed:

Suitable for wet locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

IP Rating:

Ingress protection rating of IP65 for dust and water

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: PL0MVJOV62Q3

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 70W Metal Halide

LED Characteristics

LEDs:

Long-life, high-efficiency, surface-mount LEDs

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.13A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

Photocell:

120-277V Integrated button photocell included.

Construction

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Ambient Temperature :

Max Power Temp Rating: 50°C (122°F)
Middle Power Temp Rating: 50°C (122°F)
Low Power Temp Rating: 50°C (122°F)

Housing:

Precision die-cast aluminum housing and door frame

Lens:

Polycarbonate lens

Mounting:

Hinged wiring access and conduit entries on the back, sides, top and bottom make installation a snap

Cut Off:

Adjustable from 0° (full cutoff) to 90°. 7 settings at 15° each.

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

Note:

All values are typical (tolerance +/- 10%)

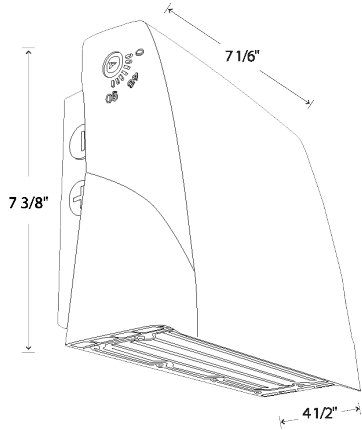
5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- Selectable CCT
- Adjustable cutoff
- Integrated photocell
- 0-10V dimming, standard

Ordering Matrix

Family	Wattage	Style
SLIM17FA	15	ADJ

15 = 15W
30 = 30W

ADJ = Angle Adjustable



Color: Bronze

Weight: 10.6 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	1.00A
208V	0.60A
240V	0.50A
277V	0.40A
Input Watts	102/102.8/101W

LED Info

Watts	100W
Color Temp	3000K/4000K/5000K
Color Accuracy	80 CRI
L70 Lifespan	100,000 Hours
Lumens	12833/14984/13166 lm
Efficacy	125.8/145.8/130.4 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Color temperature selectable by 3000K, 4000K and 5000K

Compliance

UL Listed:

Suitable for wet locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

IP Rating:

Ingress protection rating of IP65 for dust and water

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: PLUXLTH10KVV

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 400W Metal Halide

LED Characteristics

LEDs:

Long-life, high-efficiency, surface-mount LEDs

Electrical

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 1.00A, 208V: 0.60A, 240V: 0.50A, 277V: 0.40A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

Photocell:

120-277V selectable photocell that can be turned on and off.

Construction

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Ambient Temperature :

Max Power Temp Rating: 50°C (122°F)
Middle Power Temp Rating: 50°C (122°F)
Low Power Temp Rating: 50°C (122°F)

Housing:

Precision die-cast aluminum housing and door frame

Lens:

Polycarbonate lens

Mounting:

Hinged wiring access and conduit entries on the back, sides, top and bottom make installation a snap

Cut Off:

Full cutoff (0°)

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

Note:

All values are typical (tolerance +/- 10%)

5 Yr Limited Warranty:

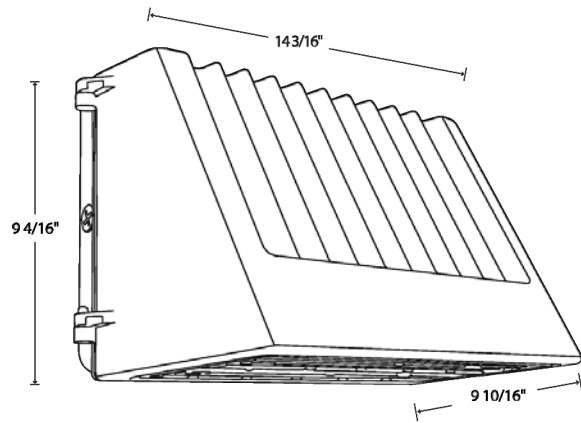
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Technical Specifications (continued)

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- Selectable CCT
- Full cutoff
- Selectable on/off photocell
- 0-10V dimming, standard

Ordering Matrix

Family	Style	Wattage
SLIM17FA	FC	100

FC = Full cutoff
100 = 100W
120 = 120W
150 = 150W



RSX4 LED Area Luminaire

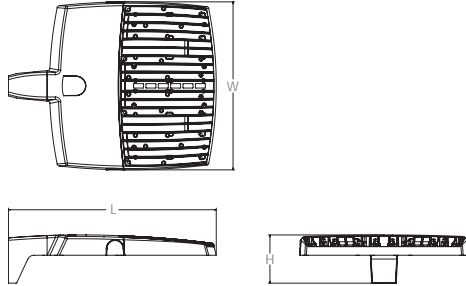


Catalog Number
Notes
Type

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

Specifications

EPA (ft²@0°):	0.69 ft ² (0.07 m ²)
Length:	30.9" (78.5 cm) (SPA mount)
Width:	25.0" (63.5 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight (max):	65 lbs (29.5 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX4 delivers 40,000 to 70,000 lumens allowing it to replace up to (2) 1000W HID luminaires.

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



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

ds Design Select options indicated by this color background.

Ordering Information

EXAMPLE: RSX4 LED P6 40K R3 MVOLT SPA DDBXD

RSX4 LED					
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX4 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) ²	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90° and 2 at 180°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) ³	RPA Round pole mounting (3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) ⁴	ESPA Required for mounting RSX4 in 2,3,4 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°. Requires 3.0" min. square pole for 1 at 90°. ⁵
	P4		R4 Type 4 Wide	(use specific voltage for options as noted) 120 ³ 277 ⁵ 208 ³ 347 ⁵ 240 ³ 480 ⁵	ERPA Required for mounting RSX4 in 2,3,4 at 90°. Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°. ⁵
	P5		R4S Type 4 Short		MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P6		R5 Type 5 Wide ¹		IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁷
			R5S Type 5 Short ¹		WBA Wall bracket ¹
			AFR Automotive Front Row		WBASC Wall bracket with surface conduit box
			AFRR90 Automotive Front Row Right Rotated	AASP Adjustable tilt arm square pole mounting ⁷	
			AFRL90 Automotive Front Row Left Rotated	AARP Adjustable tilt arm round pole mounting ⁷	
				AAWB Adjustable tilt arm with wall bracket ⁷	
				AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁷	

Options	Finish
Shipped Installed	DDBXD Dark Bronze
HS House-side shield ⁸	DBLXD Black
PE Photocontrol, button style ^{9,10}	DNAXD Natural Aluminum
PER7 Seven-wire twist-lock receptacle only (no controls) ^{10, 11, 12}	DWHXD White
SF Single fuse (120, 277, 347) ⁵	DBBTXD Textured Dark Bronze
DF Double fuse (208, 240, 480) ⁵	DBLTXD Textured Black
SPD20KV 20KV Surge pack (10KV standard)	DNATXD Textured Natural Aluminum
FAO Field adjustable output ¹⁰	DWHGXD Textured White
DMG 0-10V dimming extend out back of housing for external control (control ordered separate) ¹⁰	
DS Dual switching ^{10,13}	
Shipped Installed	
*Standalone and Networked Sensors/Controls (factory default settings, see table page 9)	
NLTAIR2 PIRHN nLight AIR generation 2, with Networked Bi-Level motion/ambient sensor ^{10, 14, 15, 16}	
BAA Buy America(n) Act Compliant	
CCE Coastal Construction ¹⁷	
*Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone dimming sensor with out-of-box settings or as a wireless networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted.	
Shipped Separately (requires some field assembly)	
EGS External glare shield ⁸	
EGFV External glare full visor (360° around light aperture) ⁸	
BS Bird spikes ¹⁸	



Ordering Information

Accessories

Ordered and shipped separately.

RSX4HS U	RSX4 House side shield (includes 4 shields)
RSX4HSAFRR U	RSX4 House side shields for AFR rotated optics (includes 4 shields)
RSX4EGS (FINISH) U	External glare shield (specify finish)
RSX4EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) ¹
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) ¹⁹
DLL347F 1.5 CULJU	Photocell -SSL twist-lock (347V) ¹⁹
DLL480F 1.5 CULJU	Photocell -SSL twist-lock (480V) ¹⁹
DSHORT SBK U	Shorting cap ¹⁹

NOTES

- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE or PEX.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Required for mounting RSX4 in configurations of 2, 3 and 4 at 90°
- Maximum tilt is 90° above horizontal.
- It can be ordered as an accessory.
- Requires MVOLT or 347V.
- Two or more of the following options cannot be combined including PE, DMG, PER7, FAO, DS and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
- Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming

- Wire 4/Wire 5 wired to dimming leads on driver. Wire 6/Wire 7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers/sets. DS only available with packages P4, P5, P6, P7 and P8.
- Must be ordered with PIRHN.
- Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
- Requires MVOLT or HVOLT.
- CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBC, EGS, EGFV and BS.
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield (HS)



External Glare Shield (EGS)

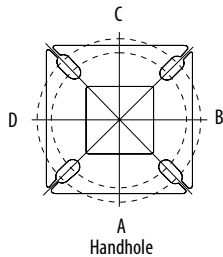


External 360 Full Visor (EGFV)

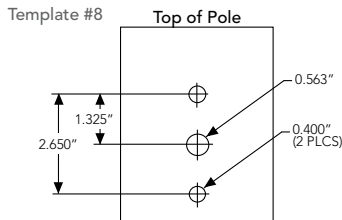
Pole/Mounting Information

Accessories including bullhorns, cross arms and other adapters are available on pages 5-8. For the complete line of accessories available, visit the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

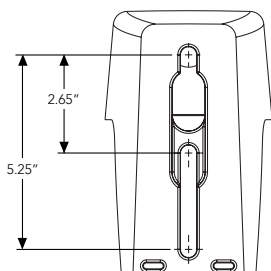
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM, EXTENDED ARM AND ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

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

Drill Side Location by Configuration Type

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

RSX4 - Luminaire EPA

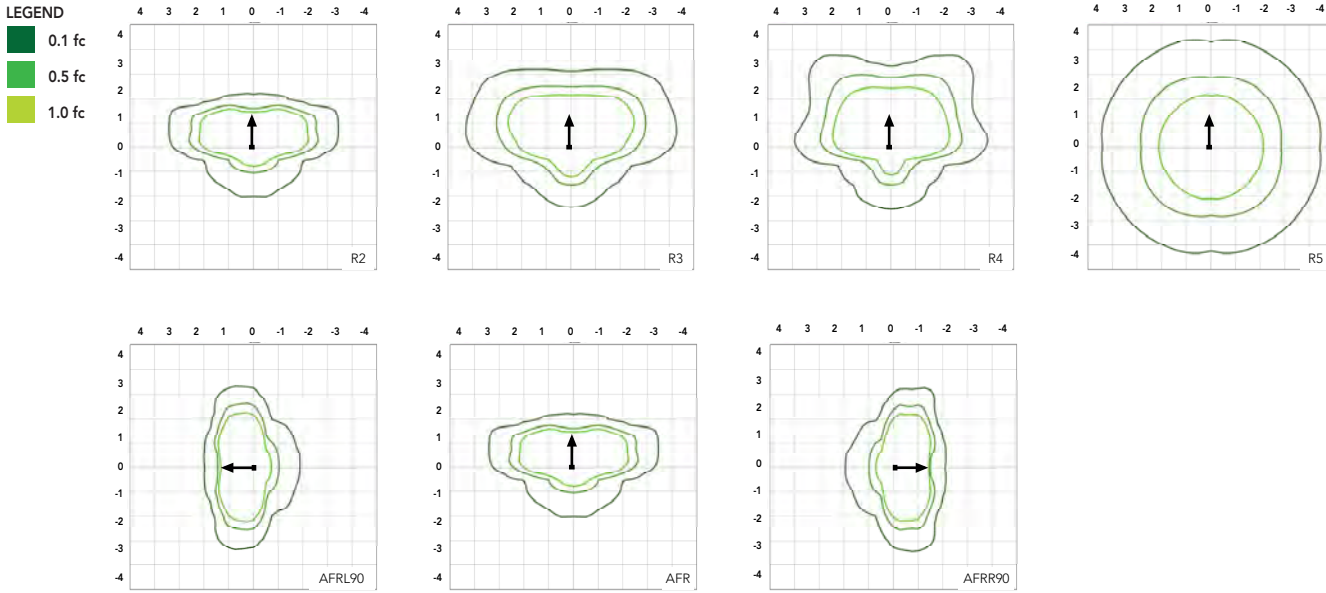
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
SPA - Square Pole Adaptor	0.69	1.34	1.36	1.80	2.00	2.66	1.39	2.08	2.78
RPA - Round Pole Adaptor	0.72	1.39	1.47	1.88	2.09	2.77	1.44	2.16	2.87
MA - Mast Arm Adaptor	0.66	1.28	1.20	1.69	1.87	2.51	1.32	1.98	2.64
ESPA/ERPA - Extended Arm Square/Round Pole	0.74	1.44	1.57	1.96	2.18	2.88	1.48	2.23	2.97
IS - Integral Slipfitter AARP/AASP - Adjustable Arm Square/Round Pole	0°	0.69	1.34	1.36	1.80	2.00	2.66	1.39	2.08
	10°	1.13	2.05	2.22	3.10	2.91	4.01	2.26	3.39
	20°	1.91	3.14	3.57	4.84	4.26	6.23	3.82	5.73
	30°	3.23	4.70	5.70	7.25	6.52	9.31	6.46	9.69
	40°	4.71	6.04	7.96	9.37	9.04	12.04	9.42	14.13
	45°	5.46	6.72	9.10	10.47	10.31	13.40	10.92	16.38
	50°	5.58	7.29	9.51	11.46	10.93	14.56	11.16	16.74
	60°	5.81	8.50	10.35	13.44	12.41	16.89	11.62	17.43
	70°	6.13	9.29	10.98	14.92	13.50	18.57	12.26	18.39
	80°	6.28	9.88	11.47	15.86	14.22	19.72	12.56	18.84
90°	6.43	10.17	11.78	16.26	14.56	20.33	12.86	19.29	

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [RSX Area homepage](#).

Isofootcandle plots for the RSX4 LED P6 40K. Distances are in units of mounting height (40').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

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

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

Electrical Load

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	275W	2.34	1.38	1.22	1.08	0.83	0.62
P2	320W	2.60	1.56	1.37	1.22	0.97	0.71
P3	369W	3.08	1.79	1.57	1.39	1.09	0.80
P4	431W	3.61	2.11	1.88	1.76	1.24	0.90
P5	483W	3.97	2.28	1.99	1.74	1.36	0.98
P6	546W	4.48	2.55	2.21	1.93	1.54	1.12

Projected LED Lumen Maintenance

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

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

Performance Data

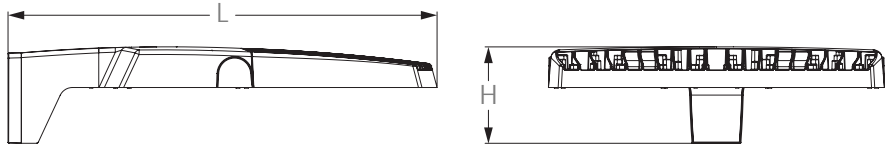
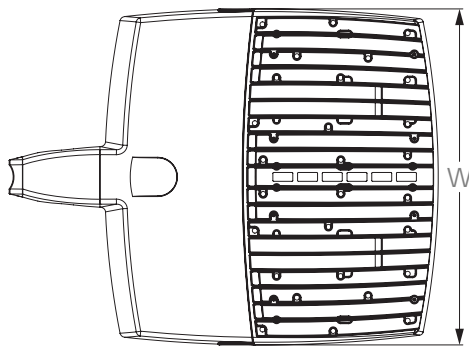
Lumen Output

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

Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	275W	R2	36,231	3	0	3	132	39,806	3	0	3	145	39,806	3	0	3	145
		R3	36,151	3	0	5	131	39,719	3	0	5	144	39,719	3	0	5	144
		R3S	37,066	3	0	4	135	40,724	3	0	4	148	40,724	3	0	4	148
		R4	36,656	3	0	5	133	40,274	3	0	5	146	40,274	3	0	5	146
		R4S	35,409	3	0	4	129	38,903	3	0	4	141	38,903	3	0	4	141
		R5	36,955	5	0	4	134	40,602	5	0	5	148	40,602	5	0	5	148
		R5S	37,144	5	0	3	135	40,809	5	0	3	148	40,809	5	0	3	148
		AFR	36,231	3	0	3	132	39,806	3	0	3	145	39,806	3	0	3	145
		AFRR90	36,818	3	0	3	134	40,451	3	0	3	147	40,451	3	0	3	147
		AFRL90	37,146	3	0	3	135	40,812	3	0	3	148	40,812	3	0	3	148
P2	320W	R2	41,215	3	0	3	129	45,282	4	0	3	141	45,282	4	0	3	141
		R3	41,125	3	0	5	128	45,183	4	0	5	141	45,183	4	0	5	141
		R3S	42,165	3	0	4	132	46,327	4	0	4	145	46,327	4	0	4	145
		R4	41,699	3	0	5	130	45,814	4	0	5	143	45,814	4	0	5	143
		R4S	40,280	3	0	4	126	44,255	4	0	4	138	44,255	4	0	4	138
		R5	42,039	5	0	5	131	46,188	5	0	5	144	46,188	5	0	5	144
		R5S	42,253	5	0	3	132	46,423	5	0	4	145	46,423	5	0	4	145
		AFR	41,215	3	0	3	129	45,282	4	0	3	141	45,282	4	0	3	141
		AFRR90	41,883	3	0	3	131	46,016	4	0	3	144	46,016	4	0	3	144
		AFRL90	42,256	3	0	3	132	46,426	4	0	3	145	46,426	4	0	3	145
P3	369W	R2	45,968	4	0	3	124	50,504	4	0	3	137	50,504	4	0	3	137
		R3	45,867	4	0	5	124	50,393	4	0	5	136	50,393	4	0	5	136
		R3S	47,028	4	0	5	127	51,669	4	0	5	140	51,669	4	0	5	140
		R4	46,508	4	0	5	126	51,097	4	0	5	138	51,097	4	0	5	138
		R4S	44,925	4	0	4	122	49,358	4	0	4	134	49,358	4	0	4	134
		R5	46,887	5	0	5	127	51,514	5	0	5	139	51,514	5	0	5	139
		R5S	47,126	5	0	4	128	51,777	5	0	4	140	51,777	5	0	4	140
		AFR	45,968	4	0	3	124	50,504	4	0	3	137	50,504	4	0	3	137
		AFRR90	46,713	4	0	3	126	51,323	4	0	3	139	51,323	4	0	3	139
		AFRL90	47,129	4	0	3	128	51,780	4	0	3	140	51,780	4	0	3	140
P4	431W	R2	50,558	4	0	3	117	55,547	4	0	4	129	55,547	4	0	4	129
		R3	50,447	4	0	5	117	55,426	4	0	5	129	55,426	4	0	5	129
		R3S	51,724	4	0	5	120	56,829	4	0	5	132	56,829	4	0	5	132
		R4	51,152	4	0	5	119	56,200	4	0	5	131	56,200	4	0	5	131
		R4S	49,411	4	0	4	115	54,287	4	0	5	126	54,287	4	0	5	126
		R5	51,569	5	0	5	120	56,658	5	0	5	132	56,658	5	0	5	132
		R5S	51,832	5	0	4	120	56,947	5	0	4	132	56,947	5	0	4	132
		AFR	50,558	4	0	3	117	55,547	4	0	4	129	55,547	4	0	4	129
		AFRR90	51,378	4	0	3	119	56,448	4	0	4	131	56,448	4	0	4	131
		AFRL90	51,836	4	0	3	120	56,951	4	0	4	132	56,951	4	0	4	132
P5	483W	R2	56,313	4	0	4	116	61,870	4	0	4	128	61,870	4	0	4	128
		R3	56,190	4	0	5	116	61,735	4	0	5	128	61,735	4	0	5	128
		R3S	57,612	4	0	5	119	63,297	4	0	5	131	63,297	4	0	5	131
		R4	56,974	4	0	5	118	62,597	4	0	5	129	62,597	4	0	5	129
		R4S	55,035	4	0	5	114	60,467	4	0	5	125	60,467	4	0	5	125
		R5	57,439	5	0	5	119	63,107	5	0	5	131	63,107	5	0	5	131
		R5S	57,732	5	0	4	119	63,429	5	0	4	131	63,429	5	0	4	131
		AFR	56,313	4	0	4	116	61,870	4	0	4	128	61,870	4	0	4	128
		AFRR90	57,226	4	0	4	118	62,873	4	0	4	130	62,873	4	0	4	130
		AFRL90	57,736	4	0	4	119	63,433	4	0	4	131	63,433	4	0	4	131
P6	546W	R2	62,633	4	0	4	115	68,814	4	0	4	126	68,814	4	0	4	126
		R3	62,496	4	0	5	115	68,664	4	0	5	126	68,664	4	0	5	126
		R3S	64,078	4	0	5	117	70,402	4	0	5	129	70,402	4	0	5	129
		R4	63,369	4	0	5	116	69,623	4	0	5	128	69,623	4	0	5	128
		R4S	61,213	4	0	5	112	67,254	4	0	5	123	67,254	4	0	5	123
		R5	63,886	5	0	5	117	70,191	5	0	5	129	70,191	5	0	5	129
		R5S	64,212	5	0	4	118	70,549	5	0	4	129	70,549	5	0	4	129
		AFR	62,633	4	0	4	115	68,814	4	0	4	126	68,814	4	0	4	126
		AFRR90	63,649	4	0	4	117	69,930	4	0	4	128	69,930	4	0	4	128
		AFRL90	64,216	4	0	4	118	70,553	4	0	4	129	70,553	4	0	4	129

Dimensions

RSX4 with Round Pole Adapter (RPA)

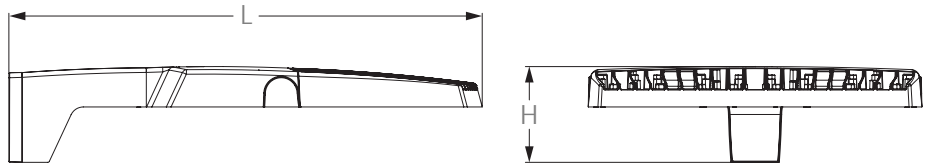
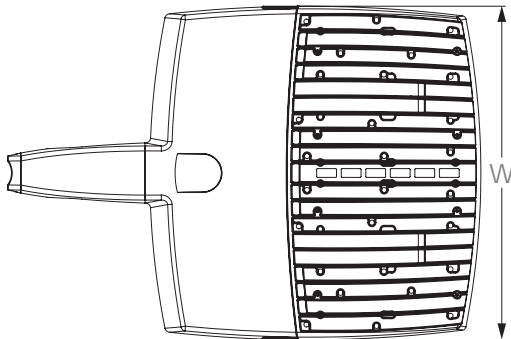


NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



Length: 31.9" (81.0 cm)
Width: 25.0" (63.5 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.3 cm) Arm

RSX4 with Extended Arm Square or Round Pole (ESPA or ERPA)



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



Length: 35.5" (90.2 cm) **ERPA**
34.5" (87.6 cm) **ESPA**
Width: 25.0" (63.5 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.3 cm) Arm

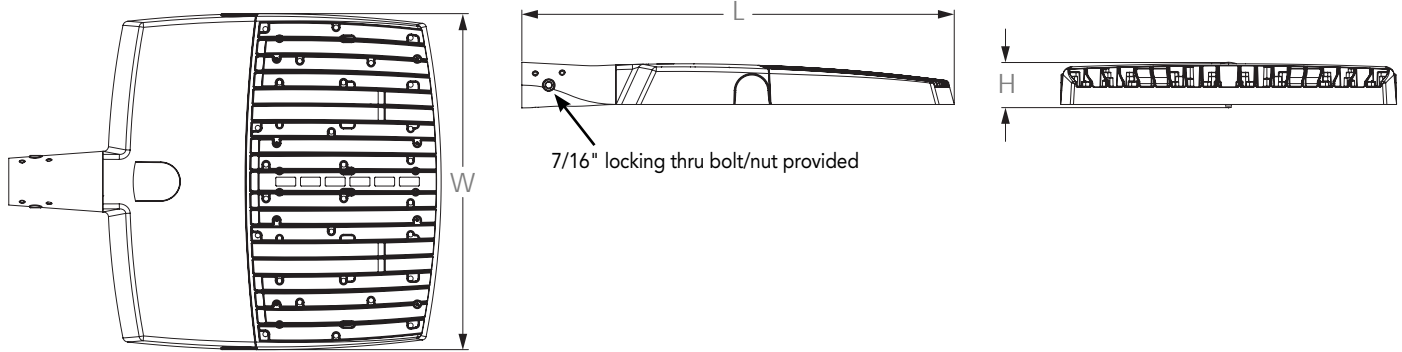
Notes

ESPA: Required for mounting RSX4 in 2,3,4 at 90°. Requires 3.0" min. square pole for 1 at 90°.

ERPA: Required for mounting RSX4 in 2,3,4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

Dimensions

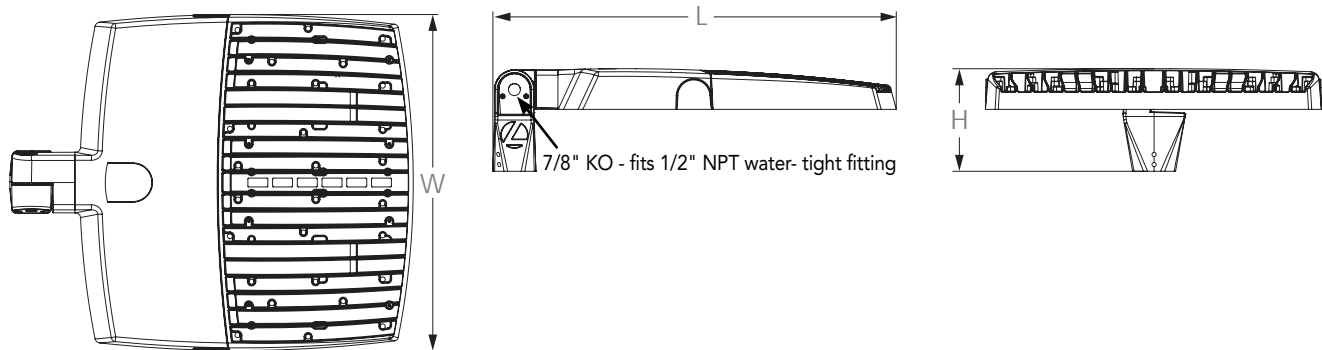
RSX4 with Mast Arm Adapter (MA)



Length: 32.2" (81.8 cm)
 Width: 25.0" (63.5 cm)
 Height: 3.0" (7.6 cm) Main Body
 3.4" (18.6 cm) Arm

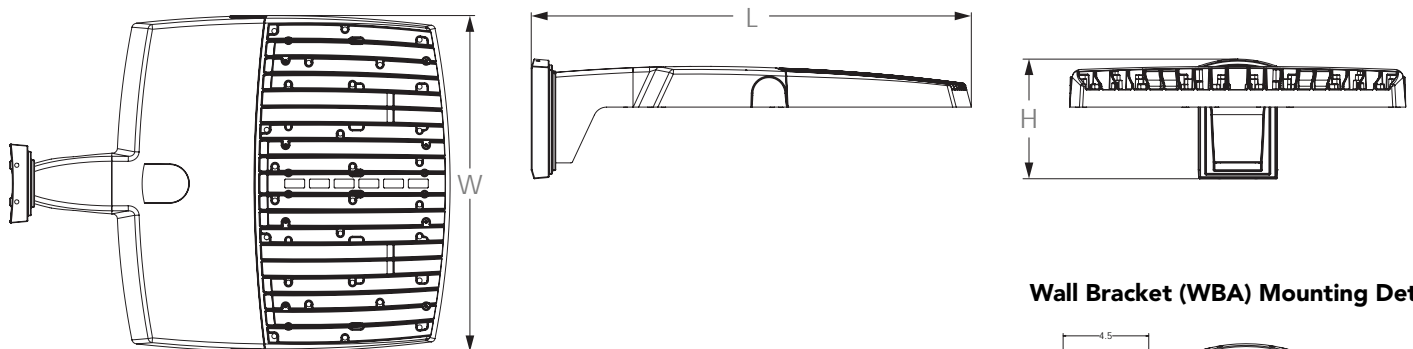
Notes: MA mount requires minimum horizontal tenon length of 6" when mounting RSX4 in configurations of 2, 3 and 4 at 90°.

RSX4 with Adjustable Slipfitter (IS)



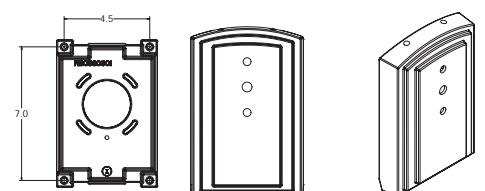
Length: 30.0" (76.2 cm)
 Width: 25.0" (63.5 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.6" (19.3 cm) Arm

RSX4 with Wall Bracket (WBA)



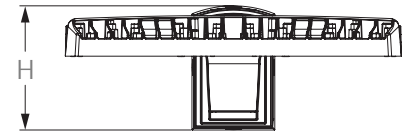
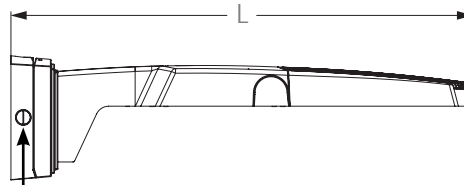
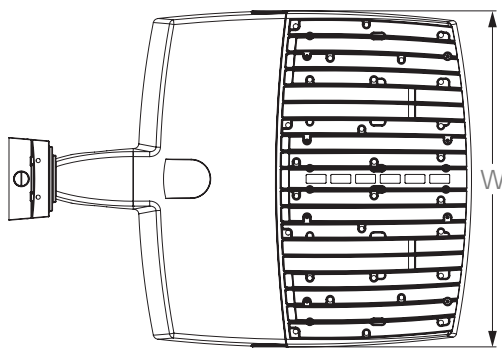
Length: 32.7" (83.1 cm)
 Width: 25.0" (63.5 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



Dimensions

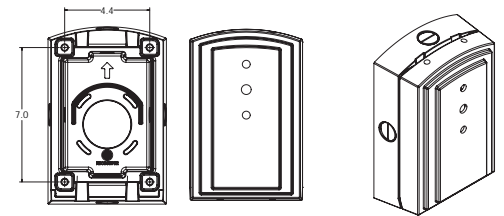
RSX4 with Wall Bracket with Surface Conduit Box (WBASC)



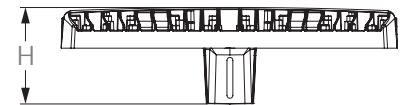
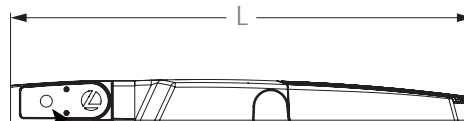
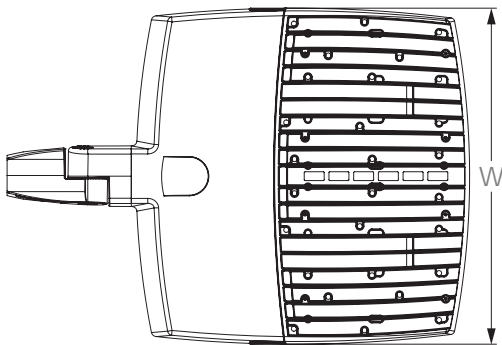
3/4" NPT taps with plugs - Qty (4) provided

Length: 34.4" (87.4 cm)
 Width: 25.0" (63.5 cm)
 Height: 3.0" (7.6 cm) Main Body
 9.2" (23.4 cm) Arm

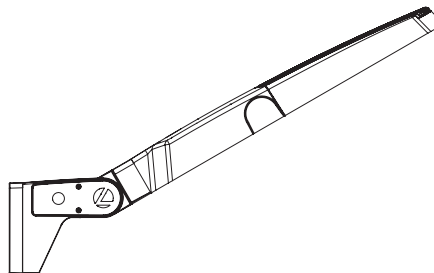
Surface Conduit Box (SCB) Mounting Detail



RSX4 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



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



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



Length: 34.4" (87.4 cm) **AASP**
 35.4" (89.9 cm) **AARP**
 Width: 25.0" (63.5 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.3 cm) Arm

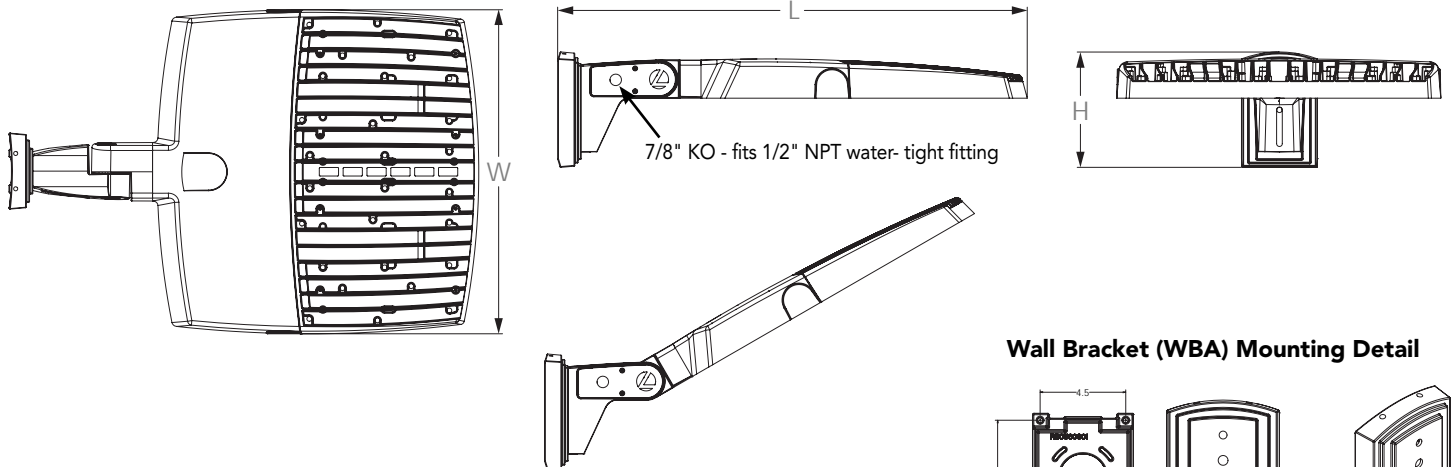
Notes

AASP: Requires 3.0" min. square pole for 1 at 90°. (Note: Limited to 30° maximum tilt angle for qty. 2, 3 and 4 at 90° pole top configurations)

AARP: Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°. (Note: Limited to 30° maximum tilt angle for qty. 2, 3 and 4 at 90° pole top configurations)

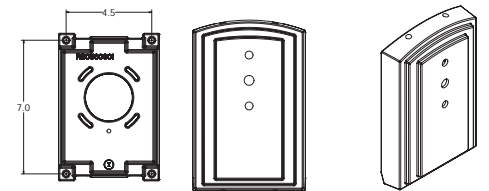
Dimensions

RSX4 with Adjustable Tilt Arm with Wall Bracket (AAWB)

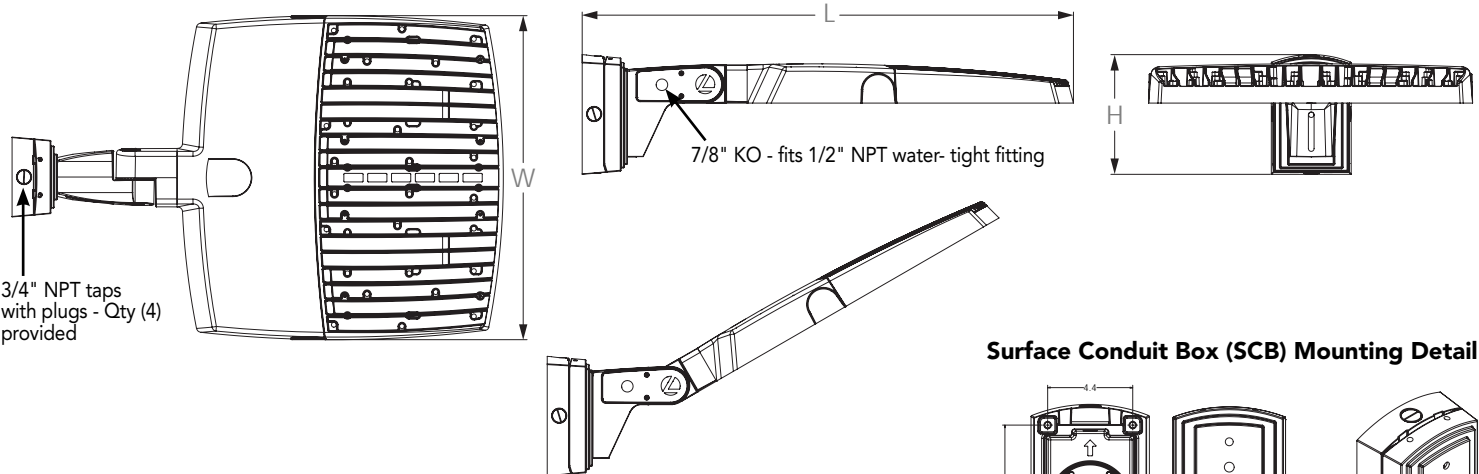


Length: 36.2" (91.9 cm)
 Width: 25.0" (63.5 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail

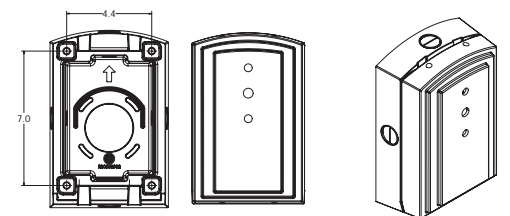


RSX4 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)

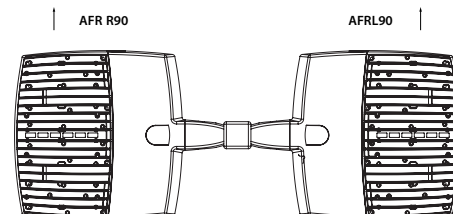


Length: 37.9" (96.3 cm)
 Width: 25.0" (63.5 cm)
 Height: 3.0" (7.6 cm) Main Body
 9.2" (23.4 cm) Arm

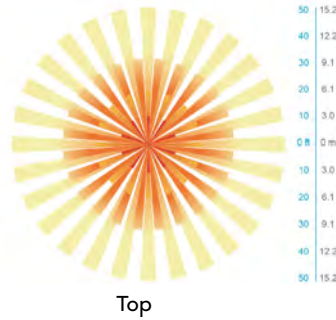
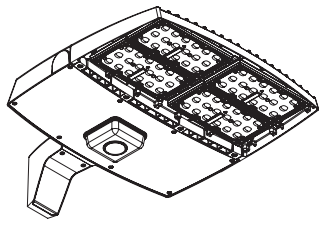
Surface Conduit Box (SCB) Mounting Detail



Automotive Front Row - Rotated Optics (AFR L90/R90)



PIRHN nLight Sensor Coverage Pattern



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

*Note: PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX4 delivers 40,000 to 70,000 lumens and is ideal for replacing 1000W and (2) 1000W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION

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

FINISH

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

COASTAL CONSTRUCTION (CCE)

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

OPTICS

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

ELECTRICAL

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

STANDARD CONTROLS

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

nLIGHT AIR CONTROLS

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

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note that the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2.3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box offering easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. U.S Patent No. D882,146S and U.S Patent No. 11,085,619 B2

BUY AMERICAN ACT

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

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

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

Appendix D
Owner Statement





October 24th, 2023

To whom it may concern;

My name is J.J. Toppins, 2nd generation owner of Valley Truck Leasing Inc. National Lease (VTL). VTL was started in 1955 by my parents, John & Betty Toppins. We are a truck & trailer rental & leasing company that does business with other businesses, primarily operate in Wisconsin, but our equipment runs all over the U.S. and into Canada. My son Jesse Toppins, who has 17 years with VTL & another long-term coworker Greg Christie, who has 22 years with VTL, are inline to be my successors within the next 5 years.

My father came home from the war, married my mother, and with the help of his father they opened Fox Valley Truck Service Inc. (FVT) in 1948. Both FVT & VTL started their humble beginnings at 2138 W. Wisconsin Ave, Appleton, now a pool & spa store. In 1974 both companies were relocated to 3103 W. Wisconsin Ave, Appleton. FVT was a GMC, Volvo, and Isuzu Truck dealer until 2002. At that time the GMC light duty vehicle franchise was sold to John Bergstrom and the Volvo franchise was sold to Rodger Kriete, the Mack dealer in Milwaukee. We retained the GMC medium duty franchise and Isuzu franchise. During the same time as we were downsizing FVT my parents were in the process of selling the land & buildings to the Mills brothers of Mills Fleet Farm, which is now the current location of the Appleton Fleet Farm.

In 2002 we relocated to 5668 Neubert Road, Appleton, and is our current location. In 2008 & 2009 when the government bailed out GM our GMC medium duty franchise was a casualty of the bailout like Pontiac, Oldsmobile and Saturn. FVT is still an ISUZU dealer.

In 2012 I bought out my two older brothers in both VTL & FVT. At that same time, I sold 50% of FVT to Mark Arft, a long-time coworker, and I maintained 100% sole proprietorship of VTL. In 2020 I sold my 50% of FVT to Mark and he is now the sole proprietor of FVT. Since the split of the two companies in 2020 they have grown in different directions, and where sharing the same location was once beneficial it is now a hindrance. And this is why I am looking to move VTL to its own location.



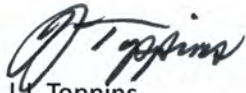
VALLEY TRUCK LEASING INC

APPLETON * BRILLION * STEVENS POINT
SHEBOYGAN * FOND DU LAC

VTL is not a dealer of any kind & we do not have any Wisconsin licenses to sell anything retail, therefore no showroom is necessary for VTL's business. As I mentioned before, we are a business-to-business truck & trailer provider for other businesses that either manufacture or transport goods. VTL has four other locations that are located in Brillion, Fond du Lac, Sheboygan and Stevens Point. Our Appleton location is our home office or headquarters. VTL provides mechanical service for the equipment we rent and lease. At our proposed location on American Drive, we would be doing the same repairs and maintenance on our equipment. We are projecting we will have 15 to 20 employees at this location with an average annual wage of \$68,000 with full benefit package.

Thank you for your time and consideration to approve VTL as a new tenant in your great community.

Sincerely,



J.J. Toppins
President and Owner
Valley Truck Leasing, Inc NL

Appendix E
Solar Reflective Index



COLORS AND FINISHES

STANDARD WALL, TRIM & ROOF COLORS

Varco Pruden uses high quality paint systems designed to provide long-term performance and protection. Each coating is formulated with thoroughly researched, tested and field proven pretreatments, primers, resins and pigments that can meet your design and performance requirements.

This paint system combines ceramic pigmentation with polyvinylidene fluoride for superior, long-lasting performance. PVDF finishes are respected for their durability, resistance and color retention. Our KXL finishes are warranted for up to 25 years.



Cool Artic White



Cool Egyptian White



Cool Sierra Tan



Cool Granite Gray



Cool Zinc Gray



Cool Straw Gold



Cool Dark Bronze



Cool Colonial Red



Cool Hemlock Green



Cool Leaf Green



Cool Bermuda Green



Cool Cobalt Blue



Cool Imperial Blue



Cool Ebony (trim only)



Acrylic Coated Galvalume *

Colors printed on this page may not exactly match actual panel colors. Please request panel swatches for true color match.

Wall panel colors for Panel Rib, RPR, Tech Four & Vee Rib. Roof panel colors for Panel Rib Roof, SSR and 26 & 24 ga. Deck-Liner. Deck-Liner panel colors are limited to 24 & 26 ga. 22 & 28 ga. Deck-Liner is available in Polyester Interior White only. Panel Rib Panel Liner is available in SMP Cool Cotton White only.

*Acrylic Coated Galvalume® is an option for SSR, Panel Rib Roof or Wall & Deck-Liner.

LONG-TERM BEAUTY, UNMATCHED PROTECTION, COOL COLOR PERFORMANCE AND SUPERIOR QUALITY.

70% PVDF finishes meet both Kynar 500® and Hylar 5000® specifications. All colors shown approximate actual paint colors as accurately as possible. Actual paint colors may vary. Colors in this guide are for reference only. Varco Pruden Buildings reserves the right to change color offerings shown here without notice. Painted metal samples are available.

Custom color matching is available through Varco Pruden. Orders with custom colors are subject to special pricing and delivery considerations. For SLR II colors, see selection card #6020.

PHYSICAL AND PERFORMANCE PROPERTIES ON COATED STEEL ¹		
Specular Gloss at 60°	ASTM D 523 ⁽²⁾	25-35
Pencil Hardness	ASTM D 3363	F-2H
T-Bend ⁽³⁾	ASTM D 4145	2T; No pick off
Adhesion	ASTM D 3359	Reverse impact 1/16" crosshatch; No adhesion loss
Humidity Resistance 100% humidity @ 95° F	ASTM D 2247 ASTM D 714	Passes 1500 hours No #8 blisters
Reverse Impact	ASTM D 2794	3.0 x metal thickness, no cracking or adhesion loss
Salt Spray Resistance 5% salt fog @ 95° F	ASTM B 117	Passes 1000 hours less than 1/8" avg. creepage from scribe. None or few #8 blisters
South Florida Exposure 10 yrs. @ 45°	ASTM D 2244 ASTM D 4214	Max 5 fade Max 8 chalk
Dry Film Thickness	ASTM D 1400	0.20 mil primer; 0.75 mil topcoat
Acid Resistance	ASTM D 1308	10% muratic acid 24 hours — no effect; 20% muratic acid 18 hours — no effect
Acid Rain Test	Kesternich SO ₂	15 cycles min. DIN 50018, no objectionable color change
Alkali Resistance	ASTM D 1308	10%, 25% NaOH, 1 hour; no effect

Includes G90 hot dip galvanized and Galvalume 2. American Society for Testing and Materials. 3. Fracturing or rupturing of substrate will rupture coatings. Heavy gauge and clad steel substrates impose limitations on formability. KXL coatings are generally flexible beyond the point of substrate rupture.

VP COOL COLOR INFORMATION							
Color Name & Code	Solar Reflectance ¹	Thermal Emittance ²	SRI ³	LEED 2.2 Low Slope Initial SRI>or=78	LEED 4.0 Low Slope Initial SRI>or=82	LEED 2.2 Steep Slope Initial SRI>or=29	LEED 4.0 Steep Slope Initial SRI>or=29
Acrylic Coated Galvalume (no code)	0.68	0.30	65	No	No	Yes	Yes
Cool Arctic White - BN5W183B	0.64	0.84	76	No	No	Yes	Yes
Cool Bermuda Green - BN5G176B	0.30	0.84	29	No	No	Yes	No
Cool Cobalt Blue - BN5L148B	0.33	0.84	33	No	No	Yes	No
Cool Colonial Red - BN5R143B	0.34	0.85	35	No	No	Yes	No
Cool Cotton White - BN5W184B	0.76	0.84	93	Yes	Yes	Yes	Yes
Cool Dark Bronze - BN5N239B	0.32	0.84	32	No	No	Yes	No
Cool Ebony - BN5B114B	0.30	0.84	29	No	No	Yes	No
Cool Egyptian White - BN5I137B	0.63	0.83	74	No	No	Yes	Yes
Cool Granite Gray - BN5A221B	0.55	0.84	63	No	No	Yes	Yes
Cool Hemlock Green - BN5G175B	0.34	0.85	35	No	No	Yes	No
Cool Imperial Blue - BN5L149B	0.30	0.84	29	No	No	Yes	No
Cool Leaf Green - BN5G174B	0.30	0.85	30	No	No	Yes	No
Cool Sierra Tan - BN5N235B	0.49	0.84	55	No	No	Yes	Yes
Cool Straw Gold - BN5I136B	0.61	0.84	72	No	No	Yes	Yes
Cool Zinc Gray - BN5A222B	0.37	0.85	39	No	No	Yes	Yes

Authorized Independent Testing Laboratory Results: 1 = AITL ASTM C1549 CRRR Tested Lab Results. 2 = AITL ASTM C1371 CRRR Tested Lab Results. 3 = AITL ASTM E1980 CRRR Tested Lab Results. (Low Slope < 2:12; Steep Slope >2:12)

Note: All panels formed from light gauge metal may exhibit waviness, also known as "Oil Canning," commonly occurring in, but not restricted to, flat portions of a panel. This inherent characteristic is not a defect of material and is not cause for rejection.
 • Kynar 500® is a registered trademark of Arkema.
 • Hylar 5000® is a registered trademark of Solvay Solexis.
 • Galvalume® is a registered trademark of BIEC International, Inc.