 <p><b>VILLAGE OF HOBART</b> GREATNESS IS GROWING Village of Hobart Village Office 2990 S. Pine Tree Rd, Hobart, WI <a href="http://www.hobart-wi.org">www.hobart-wi.org</a> - <a href="http://www.buildinhobart.com">www.buildinhobart.com</a></p>	<p>Notice is hereby given according to State Statutes that the <b>SITE REVIEW COMMITTEE</b> of the Village of Hobart will meet on Wednesday March 15<sup>th</sup> 2023 at 5:30 P.M. at the Hobart Village Office. <b>NOTICE OF POSTING:</b> Posted this 9<sup>th</sup> day of March, 2023 at the Hobart Village Office, 2990 S. Pine Tree Rd and on the village's website.</p>
--	--

### MEETING NOTICE – SITE REVIEW COMMITTEE

**Date/Time:** Wednesday March 15<sup>th</sup> 2023 (5:30 P.M.)

**Location:** Village Office, 2990 South Pine Tree Road

#### ROUTINE ITEMS TO BE ACTED UPON:

1. Call to order/Roll Call.
2. Certification of the open meeting law agenda requirements and approval of the agenda.
3. Approve Minutes of the January 18<sup>th</sup> 2023 meeting (Page 2) and August 17<sup>th</sup> 2022 meeting (Page 3)
4. Public Comment on Non-Agenda Items

#### ACTION ITEMS

##### **5. DISCUSSION AND ACTION - New 26,000 square foot commercial building and associated site improvements (580 Centerline Dr., HB-525-7) (Page 4)**

This property located along Centerline Dr., near Founders Ter., is currently undeveloped, and the proposed project will consist of a new 26,000 square foot, single story, business/office/packaging facility. Access to the site will be through a new driveway from Centerline Dr. that provides access to both the loading/unloading area and the employee/visitor parking areas. (Developer: Martor USA)

##### **6. DISCUSSION AND ACTION - New 18,200 square foot fire station and associated site improvements (2703 S. Pine Tree Rd., HB-83-1) (Page 59)**

This property located at 2703 S. Pine Tree Rd. is currently developed with a fire station and Village Park. This proposed project would construct a new Village Fire Station of 18,200 square feet that will replace the outdated facility that currently exists on site. Access to the site will remain largely the same with individual access points from both S. Pine tree Rd. and Florist Dr. Additionally there will be a dedicated exit driveway for emergency vehicles that are leaving the site.

#### 7. ADJOURN

---

Aaron Kramer – Village Administrator

Members: Dave Dillenburg, Tammy Zittlow, Dave Baranczyk, Rick Nuetzel, Tom Tengowski, Peter Zobro, Steve Riley

**NOTE:** Page numbers refer to the meeting packet. All agenda and minutes of Village meetings are online: [www.hobart-wi.org](http://www.hobart-wi.org). Any person wishing to attend, who, because of disability requires special accommodations, should contact the Village Clerk-Treasurer at 920-869-1011 with as much advanced notice as possible. Notice is hereby given that action by the Committee may be considered and taken on any of the items described or listed in this agenda. There may be Committee members attending this meeting by telephone if necessary.



**Village of Hobart Site Review Committee Minutes  
Hobart Village Office; 2990 S. Pine Tree Rd, Hobart, WI  
Wednesday, January 18, 2023 – 5:30 pm**

---

**1. Call to Order, Roll Call:**

The meeting was called to order by Dave Dillenburg at 5:30 pm. Roll call: Dave Dillenburg, aye; Tammy Zittlow, aye; Steve Riley, aye; Peter Zobro, aye; Rick Nuetzel, aye; Dave Baranczyk, aye; Tom Tengowski, aye.

**2. Verify/Modify/Approve Agenda:**

Motion by Tom Tengowski, seconded by Rick Nuetzel, to approve the agenda as presented. All in favor. Motion carried.

**3. Approval of Site Review Minutes:**

Motion by Dave Baranczyk, seconded by Steve Riley, to approve the September 21, 2022 minutes as presented. Tammy Zittlow abstained from the vote. All in favor. Motion carried.

**4. Public Comment on Non-Agenda Items:**

None

**5. Request for a 58,090 sf., warehouse addition and associated site improvements (Integrity Warehousing, 3794 Packerland Dr., HB-950 & HB-950-4):**

Director of Planning and Code Compliance, Todd Gerbers, presented the committee with the request for the warehouse addition and associated site improvements.

The committee discussed.

Motion Rick Nuetzel, seconded by Dave Baranczyk, to approve the recommendation to the Village Board as presented with conditions. All in favor. Motion carried.

**6. Request for new wall signage (3828 Packerland Dr., HB-950-7; Wall Sign, Bayland Concrete Shop):**

Director of Planning and Code Compliance, Todd Gerbers, presented the committee with the request for the new wall signage.

The committee discussed.

Motion by Tammy Zittlow, seconded by Steve Riley, to approve the recommendation to the Village Board as presented. All in favor. Motion carried.

**7. Adjourn:**

Motion by Tom Tengowski, seconded by Rick Nutzel to adjourn. All in favor. Motion carried. Adjourned at 5:48 pm.



**Village of Hobart Site Review Committee Minutes  
Hobart Village Office; 2990 S. Pine Tree Rd, Hobart, WI  
Wednesday, August 17, 2022 – 5:30 pm**

---

**1. Call to Order, Roll Call:**

The meeting was called to order by Dave Dillenburg at 5:33 pm. Roll call: Dave Dillenburg, aye; Tammy Zittlow, excused; Steve Riley, aye; Peter Zobro, aye; Rick Nuetzel, aye; Dave Baranczyk, aye; Tom Tengowski, absent.

**2. Verify/Modify/Approve Agenda:**

Motion by Dave Dillenburg, seconded by Dave Baranczyk, to approve the agenda as presented. All in favor. Motion carried.

**3. Approval of Site Review Minutes:**

Motion by Rick Nuetzel seconded by Dave Baranczyk to approve the July 20, 2022 minutes as presented. All in favor. Motion carried.

**4. Public Comment on Non-Agenda Items:**

None

**5. Discussion and action on a request for new wall signage (560 Larsen Orchard Parkway, HB-3206; Hobart Family Dentistry):**

Plans for the new wall signage were presented by Todd Gerbers, Director of Planning and Zoning. Motion by Rick Nuetzel, seconded by Steve Riley, to approve with the following recommendations:

1. Signage area of 18.13 sq. ft. on the north elevation (facing Larsen Orchard Pkwy).
2. A total of 79.13 sq. ft. on both the west elevation (facing round-about) and east elevation (facing the parking lot).

All in favor. Motion carried.

**6. Meeting Adjournment:**

Motion made by Dave Baranczyk, seconded by Rick Nuetzel, to adjourn at 5:41pm. All in favor. Motion carried.



**TO:** Site Review Committee

**RE:** 580 Centerline Dr., HB-525-7; New 26,000 Square Foot Commercial Building

**FROM:** Todd Gerbers, Director of Planning and Code Compliance

**DATE:** March 15, 2023

**ISSUE:** Discussion and action on a new 26,000 square foot commercial building and associated site improvements

**RECOMMENDATION:** Staff recommends conditional approval of this new development along with any conditions the Committee may identify.

### GENERAL INFORMATION

1. Developer: Martor USA
2. Applicant: Robert E. Lee & Associates / Bayland Buildings, Inc.
3. Address/Parcel: 580 Centerline Dr. / HB-525-7
4. Zoning: PDD #1: Centennial Centre at Hobart District
5. Use: Industrial Distributing and Packaging

### BACKGROUND

This property located along Centerline Dr., near Founders Ter., is currently undeveloped, and the proposed project will consist of a new 26,000 square foot, single story, business/office/packaging facility. Access to the site will be through a new driveway from Centerline Dr. that provides access to both the loading/unloading area and the employee/visitor parking areas.

### SITE REVIEW DEVELOPMENT AND DESIGN STANDARDS CHECKLIST

#### Section 1, Site Plan Approval

- A. **Zoning:** PDD #1: Centennial Centre at Hobart District
- B. **Green Space:** 58.5% green space proposed.
- C. **Setbacks:** Per the PDD #1 zoning district, “minimum setbacks will be established per the design of the structure”. Front setback along Centerline Dr. – 96.1’ (front of building), 160’ to east property line (side of building with area for future addition), 165’ to west property line (side of building), and 40’ to north property line (rear of building). All comply with zoning requirements.
- D. **Parking:** 37 spaces proposed, 26 spaces are required per code of 1 stall per 1,000 square feet of building area.
- E. **Fire Dept. (and Police Dept.):** The plans presented have been reviewed and accepted by the Police Department and Fire Department as presented.
- F. **Storm Water:** Storm water running off the proposed building and parking areas will be collected by the proposed on-site storm sewer and will be discharged to two dry detention ponds on the west and southeast sides of the development. This dry pond will discharge to the Village storm sewer which ultimately

discharges to the Centennial Centre regional storm water system that will treat the storm water for TSS removal and peak discharge.

- G. Refuse Collection:** The Refuse/recycling enclosure is proposed to the west side of the building with access from the driveway serving the loading area.

## **Section 2, Architectural Plan Approval**

### **A. Exterior Construction Information:**

- 1. Materials:** Metal framed building.
- 2. Exterior Materials:** Proposed building materials consist of custom cast stone on the south (front) and east elevations of the building along with insulated concealed metal wall panels and a “overhang” over the front of the office area. The remainder of the building will consist of 26-gauge semi-concealed fastener metal wall panels.
- 3. Height:** 26’ to top of ridge
- 4. Overhead doors:** Located on west elevation of building along the interior of their parcel.
- 5. Mechanical equipment:** Mechanical equipment mounted on the roof is planned to be screened from view by materials that are compatible with the materials of the primary building.

**Section 3, Landscaping Plan:** Required tree planting along the public roadway is noted on plan and foundation plantings along the office area are shown on the plan.

**Section 4, Lighting:** Wall pack lighting is proposed around the perimeter of the building with one pole mounted lighting in the east parking lot area.

**Section 5, Signage:** Wall signage is noted on three elevations (west, south, and east) of the building along the office area. Additionally, a freestanding monument sign is planned for along Centerline Dr. in line with the front of the building (see site plan). However, no sign details are attached so any proposed signage shall be submitted for approval prior to installation.

**Section 6, Driveway-Curb Cut:** There is one curb cut of 31’ with a driveway of 25’ proposed along Centerline Dr. as the only access point to this site at part of this submittal.

## **RECOMMENDATION/CONDITIONS**

Staff recommends conditional approval of this site plan in concept only, subject to the following in addition to any condition(s) the Site Review may identify:

1. Signage details shall be submitted for approval prior to installation.

February 28, 2023

Mr. Gerbers  
VILLAGE OF HOBART  
2990 South Pine Tree Road  
Hobart, WI 54155

RE: Martor USA Site Plan Application

Dear Mr. Gerbers:

On behalf of Martor USA, Robert E. Lee & Associates, Inc. is submitting the attached Site Plan Permit application and associated documentation for the proposed Martor USA development at Northwest lot at the intersection of Centerline Drive and Founders Terrace. The proposed project includes the construction of a 26,000 square-foot industrial building and the associated paved parking lot and driveways.

Please do not hesitate to contact me regarding any questions.

Sincerely,

ROBERT E. LEE & ASSOCIATES, INC.



Michael R. Leidig, E.I.T.  
Project Engineer

MRL/NJM

ENC.

# VILLAGE OF HOBART

## SITE REVIEW / DEVELOPMENT AND DESIGN STANDARDS PROCESS & APPROVAL

### PLAN SUBMITTAL REQUIREMENTS:

- Fifteen (15) copies 11 x 17 or size that is legible with all information required by this process.
- Fifteen (15) copies of the Completed Checklist
- This checklist with complete information no later than ten 10 business days prior to the Third Tuesday of the month to the Village Clerk; NO LATER THAN 1200 HOURS. (Noon)
- One (1) full size set of site plans.
- One (1) full size set of building plans, Ready for State Approval
- All site plans shall be drawn to an engineering scale no greater than one-(1) inch equals one hundred (100) feet.
- Signs not part of this application would be a considered a separate application
- Application fee of \$150.

**ALL INFORMATION MUST BE COMPLETE PRIOR TO SCHEDULING A MEETING OF THE SITE REVIEW COMMITTEE. NO BUILDING PERMIT WILL BE ISSUED WITHOUT APPROVED PLANS FROM THE SITE REVIEW COMMITTEE.**

### 1. LOCATION

Project / Development / Site Location / intersection (section town & range)

**MARTOR USA SITE DEVELOPMENT , NORTHWEST OF CENTERLINE DRIVE AND  
FOUNDERS TERRACE**

### 2. TYPE OF DEVELOPMENT

Size of Parcel (acreage or square footage): 4.02 Acres, 175,110 S.F.

Size of facility(square footage): 26,000 S.F.

Type of facility: INDUSTRIAL DISTRIBUTING AND PACKAGING

Developer: MARTOR USA

Address: 1235 Kimps Court Green Bay, WI 54313 Phone: 920-662-9646

Engineer: Robert E Lee and Associates, Inc. – MICHAEL LEIDIG

Address: 1250 Centennial Centre Blvd, Hobart, WI 54155 Phone: 920-662-9641

Contractor: Bayland Buildings, Inc.

Construction Firm: General Contractor

Address: 3323 Bay Ridge Court, Green Bay, WI 54155 Phone: 920-371-6200

Revised 1-23-08

3. **SITE PLAN APPROVAL**

A. Industrial  Business Park \_\_\_\_\_ Commercial \_\_\_\_\_  
 Multi-Family \_\_\_\_\_

Current Zoning: PUD #1 – CENTENNIAL CENTRE AT HOBART DISTRICT

Other – Identify: \_\_\_\_\_

Erosion Control Plan on file: \_\_\_\_\_ YES  NO

% of Green Space: 59%

B. Orientation – Provide scale map of parcel and facility, (show north indicating arrow, and a graphic scale)

C. Setback Information: Sheet 1 Complies with Ordinance: Yes

D. # of parking stalls ( Include Handicapped parking): 37 Stalls  
2 Handicap

E. Show the following Utilities and all easements including but not limited to the following facilities types:

1) Electric underground  overhead

2) Natural Gas

3) Telephone

4) Water / Fire Hydrants

5) Fiber Optic Lines

6) Other transmission lines \_\_\_\_\_

7) Ingress – egress easements \_\_\_\_\_

F. Total Site Build-out including future structures and setbacks:

Complies with ordinance  YES \_\_\_\_\_ NO

G. Identify on the Site Plan Key: Spot Elevations: such as Center of Street, Driveway apron, 4 - corners of lot, building elevations, building floor, key drainage points & ditches on local USGS Datum:

Data Complete: \_\_\_\_\_ YES  NO



- H. Adjacent streets and street rights-of-ways and fire lanes:
  - 1) Fire Chief has reviewed and approved: \_\_\_\_ YES \_\_\_X\_\_\_ NO
  - 2) Not applicable\_\_\_\_\_

- I. Water bodies and wetlands. Over 1-acre disturbed requires storm water plan.
  - 1) Surface water holding ponds, drainage ditches, and drainage patterns, location and size of culverts
  - 2) Name and address and phone# of engineer of project plan:

MICHAEL LEIDIG – Robert E Lee and Associates, Inc.  
1250 Centennial Centre Blvd, Hobart, WI 54155

---

- J. Sidewalks, walkways, and driveways: X
- K. Off street loading areas and docks: X
- L. Fences and retaining walls or berms: X

- M. Location & Size of exterior refuse collection areas (must be enclosed a minimum of three (3) sides):

See Detail Sheet 6

---

- N. Location and dimensions of proposed outdoor display areas:\_\_\_\_\_
- 
- 

**4. ARCHITECTURAL PLAN APPROVAL**

- A. Exterior construction information:

- 1) Type of Construction Materials:     Metal Frame
- 2) Exterior Materials:     Insulated metal panels, glass, aluminum composite metal panels, stone
- 3) Height of Facility:     26'
- 4) Compatibility with existing adjacent structure: \_\_\_\_\_ (Attach Photos)
- 5) Other unique characteristics: \_\_\_\_\_

5. **LANDSCAPING PLAN**

If planting new trees in Village right-of-way, a requirement of a 1.5” caliper or greater of the tree at 12” above ground is needed, according to planting ordinance specifications. A tree-planting plan must be filed with the application. Tree placement is 1-tree every 50 feet of frontage.

Provide scaled landscaping of plan for parcel

Identify tree and location specifics – Quantity / Diameter, etc: SEE LANDSCAPE PLAN

---

---

Identify Shrubs & Location Specifics - Quantity: \_\_\_\_\_

---

Identify Buffering -Type – Quantity:

---

---

6. **LIGHTING PLAN**

Provide scaled lighting plan for parcel

Identify Exterior Building Lighting – Quantity, Wattage, Location :

Full cutoff light poles and light packs, see cut sheets

---

---

---

Identify Parking Lighting – Quantity – Wattage – Location :

See cut sheets, see REL Sheet 2

---

Identify other Lighting – Quantity – Wattage – Location:

---

---

**7. SIGNAGE**

Provide scaled drawings.

Provide Site Plan for signage

Provide building elevations with signage.

Discussion:       SIGN TBD      

---

---

Complies with Ordinance: \_\_\_\_\_ YES \_\_\_\_\_ NO

Date: \_\_\_\_\_

**8. DRIVEWAY – CURB CUT**

Width of Curb Cut:   31.0'  

Radius / Flare:   3' FLAIR  

Apron Dimensions:   31' at road, 25' at property line  

Culvert Size (End-walls Required)   TBD



# Storm Water Utility Service Application

Dept. of Neighborhood Services  
2990 S. Pine Tree Rd.  
Hobart WI 54155  
920-869-3809

**A. Applicant**

Applicant Name: Chrissy Gottfried Owner Name: \_\_\_\_\_

Address: 1235 Kimps Court Address: \_\_\_\_\_

City: Green Bay State: WI Zip: 54313 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: (920) 662-9646 Phone: (\_\_\_\_) \_\_\_\_\_

Email: Chrissy.gottfried@martorusa.com Email: \_\_\_\_\_

**B. Parcel – Site Information**

Site Address: NW Corner of Founders Terrace and Centerline Drive Parcel ID: HB-525-7

Project Description: MARTOR USA BUILDING

**Residential ERU Calculations**

Use	<input type="checkbox"/> Single Family	<input type="checkbox"/> Duplex	<input type="checkbox"/> Multi-family
Number of Dwellings			
ERU's / Dwelling	1 ERU	0.75 ERU	0.6 ERU
<b>Total ERU's</b>			

**Nonresidential Uses - Impervious Surface Calculation**

	Existing		Change (+/-)		= New Total Area	
		sq. ft.		sq. ft.		sq. ft.
<b>Building/Structure Foot Prints</b>	0		26,000		26,000	
<b>Paved/Gravel Areas</b>	0		46,693		46,693	
<b>Totals</b>	<b>0</b>		<b>72,693</b>		<b>72,693</b>	

ERU Calculation:  $\frac{72,693}{4000 \text{ sf / ERU}} = \mathbf{18.17}$  ERU's  
 New Total Area sq. ft.

Preparer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Preparer's Printed Name: \_\_\_\_\_

## Centennial Centre at Hobart

### Site Plan Review Checklist

#### Project: MARTOR USA

PDD ORDINANCE, SITE PLAN REQUIREMENT	LOCATION, PLAN SHEET(P.S) or MAP	PRESENT AND SATISFIES REQUIREMENT?	COMMENTS
a. Name of project/development;	REL Sheet 1	Y	
b. Location of project/development by street address, or CSM	REL Sheets 1-4	Y	
c. Name and mailing address of developer/owner;	REL Sheet 1	Y	
d. Name and mailing address of engineer/architect;	REL Sheets 1	Y	
e. A written statement describing how the development will be consistent with the land use and design guidelines as identified in the Centennial Centre Master Plan.			
<b>f. A written statement from the Owner acknowledging the Village's Restrictive Covenants for the District set forth on Appendix A and agreeing:</b>			
i. to subject the real estate that is subject to the Site to the Restrictive Covenants if said property has not been previously subjected to the Restricted Covenants; and			
ii. to be individually bound by the terms of the Restrictive Covenants, including the waiver of sovereign immunity set forth therein.		Y	
g. North point indicator;	REL Sheet 1-4	Y	
h. Scale;	REL Sheet 1-4	Y	

## Centennial Centre at Hobart

### Site Plan Review Checklist

#### Project: MARTOR USA

PDD ORDINANCE, SITE PLAN REQUIREMENT	LOCATION, PLAN SHEET(PS) or MAP	PRESENT AND SATISFIES REQUIREMENT?	COMMENTS
i. Boundary lines of property, with dimensions;	REL Sheet 1-4	Y	
<b>j. Location identification, and dimensions of existing and proposed:</b>			
i. Topographic contours at a minimum interval of two feet, and key spot elevations;	REL Sheets 1,4	Y	
ii. Adjacent streets and street right of ways, respective to the elevation of building first floor;	REL Sheet 2	Y	
iii. On site streets and street right of ways, and fire lanes;	REL Sheet 2	Y	
iv. Utilities and any easements including but not limited to the following types;	REL Sheets 1,3	Y	
v. All buildings and structures, existing & proposed to consider maximum development of the parcel if more than one structure could be located on the parcel;	REL Sheet 2-4	Y	
k. A statement of the total acreage of the property to be developed;	REL Sheet 2	Y	
l. Significant physical features within the tract, watercourses, ponds, lakes, rain gardens, and wetlands; and proposed major changes in those features;	REL Sheet 1-4	Y	
m. All contemplated land uses;	REL Sheets 1-4	Y	
n. An indicator of the contemplated intensity of use: i.e., gross density in residential development;	N/A	N/A	

## Centennial Centre at Hobart

### Site Plan Review Checklist

#### Project: MARTOR USA

PDD ORDINANCE, SITE PLAN REQUIREMENT	LOCATION, PLAN SHEET(PS) or MAP	PRESENT AND SATISFIES REQUIREMENT?	COMMENTS
o. Existing buildings that will be removed and the proposed location of all principal structures and associated parking areas;	N/A	N/A	
p. Proposed circulation systems (pedestrian, bicycle, auto) by type, their connection to the existing network outside the site;	N/A	N/A	
q. Existing rights-of-way and easements that may affect the project;	REL Sheets 1,2	Y	
r. The location of sanitary and storm sewer lines and water mains;	REL Sheets 1,3	Y	
s. The location of recreational and open space areas;	REL Sheet 2	Y	
<b>t. Description of proposed system for drainage and a storm water plan showing existing and final grades.</b>	REL Sheet 3	Y	Dry ponds will be utilized as shown on REL Sheet 3 to reduce flows. Full Storm Water Report will be provided to show that flows are reduced to existing conditons.
i. Parking facilities;	REL Sheet 2	Y	
ii. Water bodies and wetlands;	REL Sheet 1,2	Y	
iii. Surface water holding <b>ponds</b> , drainage ditches, and drainage patterns, location and size of culverts and any drainage sewers servicing the site	REL Sheets 3,4	Y	
u. Sidewalks, walkways, and driveways;	REL Sheet 2	Y	
v. Off street loading areas and docks;	REL Sheet 2	Y	

## Centennial Centre at Hobart

### Site Plan Review Checklist

#### Project: MARTOR USA

PDD ORDINANCE, SITE PLAN REQUIREMENT	LOCATION, PLAN SHEET(PS) or MAP	PRESENT AND SATISFIES REQUIREMENT?	COMMENTS
w. Fences and retaining walls;	REL SHEET 2	Y	
x. All signs;	REL SHEET 2	Y	
y. Exterior refuse collection areas and the required enclosure(s);	REL Sheets 2	Y	
z. Exterior lighting;	REL Sheets 3	Y	
aa. Traffic flow on and off site.	REL Sheet 2	Y	
bb. Location of open space/green space;	REL Sheet 2	Y	
<b>cc. Site statistics, including:</b>			
i. Sq. Footage	REL Sheet 2	Y	
ii. Percent site coverage;	REL Sheet 3	Y	
iii. Percent open space; and green space	REL Sheet 4	Y	
iv. Floor area ratio (FAR)	REL Sheet 2	Y	
dd. Location and dimensions of proposed outdoor display areas;	N/A	N/A	
<b>ee. Architectural rendering of the proposed structures and buildings, including:</b>	REL SHEET R		
i. All dimensions;	A1.0		
ii. Gross square footage of existing and proposed buildings and structures; and	REL Sheet 2	Y	
iii. Description of all exterior finish materials.	A2.0	Y	
ff. Erosion control plans;	REL Sheets 4	Y	
gg. Landscaping plan	REL Sheet L		



*Centennial Centre at Hobart***Site Plan Review Checklist****Project: MARTOR USA**

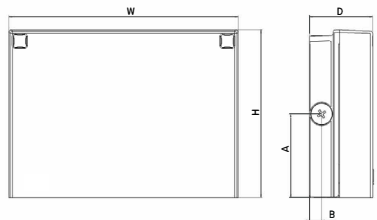
PDD ORDINANCE, SITE PLAN REQUIREMENT	LOCATION, PLAN SHEET(PS) or MAP	PRESENT AND SATISFIES REQUIREMENT?	COMMENTS
--------------------------------------	---------------------------------	------------------------------------	----------



# WPX LED Wall Packs



## Specifications



Front View

Side View

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

Catalog  
Number

Notes

Type

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

## Introduction

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

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

## Ordering Information

EXAMPLE: WPX2 LED 40K MVOLT DDBXD

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

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

### NOTES

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

## FEATURES & SPECIFICATIONS

### INTENDED USE

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

### CONSTRUCTION

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

### ELECTRICAL

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

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

### INSTALLATION

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

### LISTINGS

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

### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

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



## Performance Data

### Electrical Load

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

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a 25°C ambient, based on 6,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

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

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.94	>0.92	>0.90

### Lumen Output

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

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°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

### HID Replacement Guide

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

### Emergency Egress Battery Packs

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

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

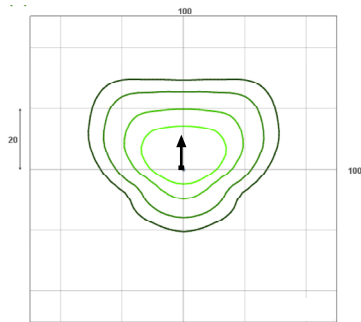
## Photometric Diagrams

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

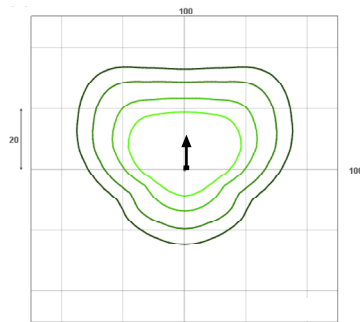
#### LEGEND

<span style="display:inline-block; width:10px; height:10px; background-color:#004a99;"></span>	0.1 fc
<span style="display:inline-block; width:10px; height:10px; background-color:#008000;"></span>	0.2 fc
<span style="display:inline-block; width:10px; height:10px; background-color:#90ee90;"></span>	0.5 fc
<span style="display:inline-block; width:10px; height:10px; background-color:#ffff00;"></span>	1.0 fc

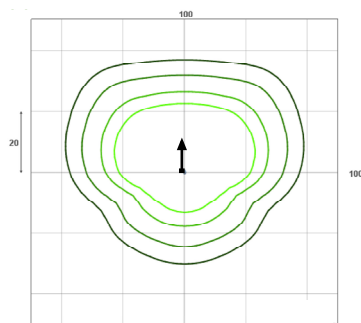
WPX1 LED P1



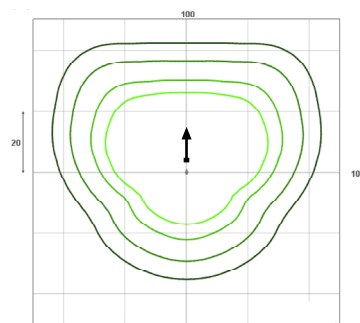
WPX1 LED P2



WPX2 LED



WPX3 LED



Mounting Height = 12 Feet.



# RSX1 LED

## Area Luminaire

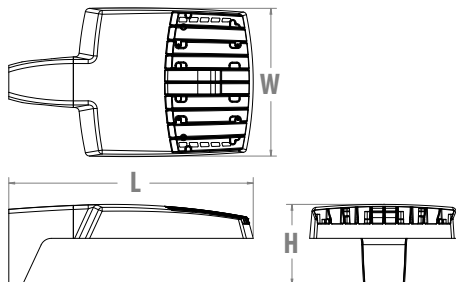


Catalog Number
Notes
Type

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

### Specifications

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



### Introduction

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

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

### Ordering Information

**EXAMPLE:** RSX1 LED P4 40K R3 MVOLT SPA DDBXD

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

### Options

### Finish

#### Shipped Installed

HS	House-side shield <sup>7</sup>
PE	Photocontrol, button style <sup>8,9</sup>
PER7	Seven-wire twist-lock receptacle only (no controls) <sup>9,10,11</sup>
SF	Single fuse (120, 277, 347) <sup>5</sup>
DF	Double fuse (208, 240, 480) <sup>5</sup>
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output <sup>9</sup>
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) <sup>9</sup>

#### Shipped Installed

<b>*Standalone and Networked Sensors/Controls (factory default settings, see table page 9)</b>	
NLTAIR2 PIRHN	nLight AIR generation 2, with Networked, Bi-Level motion/ambient sensor <sup>9,12,13,14</sup>
BAA	Buy America(n) Act Compliant
CCE	Coastal Construction <sup>15</sup>
<b>*Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.</b>	

#### Shipped Separately (requires some field assembly)

EGS	External glare shield <sup>7</sup>
EGFV	External glare full visor (360° around light aperture) <sup>7</sup>
BS	Bird spikes <sup>16</sup>

#### DDBXD Dark Bronze

DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLTXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White



## Ordering Information

### Accessories

Ordered and shipped separately.

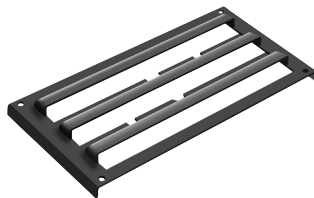
RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glare shield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) <sup>1</sup>
RSXSGB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) <sup>17</sup>
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) <sup>17</sup>
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) <sup>17</sup>
DSHORT SBK U	Shorting cap <sup>18</sup>

### NOTES

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

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

## External Shields



House Side Shield



External Glare Shield

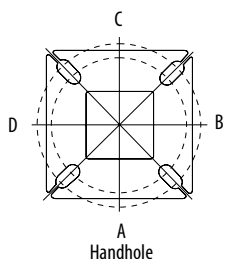


External 360 Full Visor

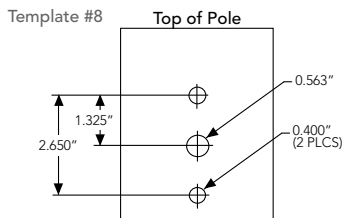
## Pole/Mounting Information

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

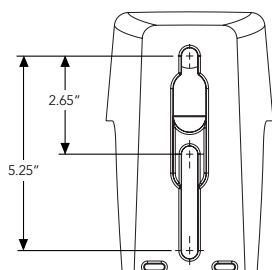
### HANDHOLE ORIENTATION



### RSX POLE DRILLING



### RSX STANDARD ARM & ADJUSTABLE ARM



### Round Tenon Mount - Pole Top Slipfitters

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

### Drill/Side Location by Configuration Type

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

### RSX1 - Luminaire EPA

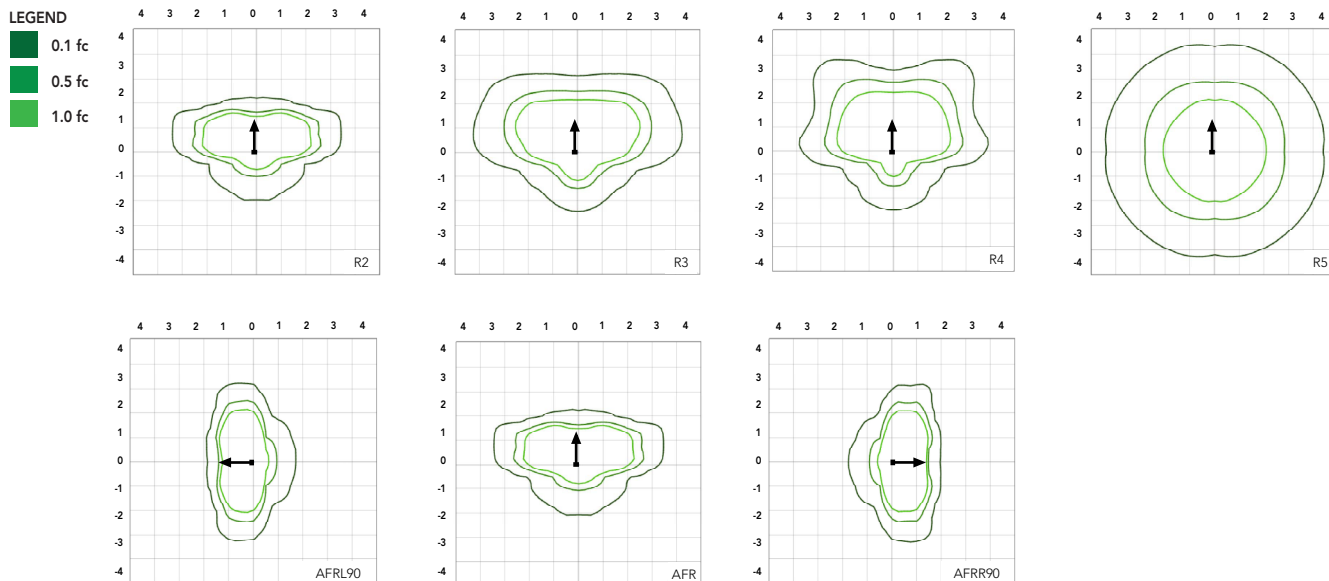
\*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side	
<b>SPA - Square Pole Adaptor</b>										
<b>RPA - Round Pole Adaptor</b>										
<b>MA - Mast Arm Adaptor</b>										
<b>IS - Integral Slipfitter</b>										
<b>AASP/AARP - Adjustable Arm Square/Round Pole</b>										
	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
	80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
	90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97

## 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 RSX1 LED P4 40K. Distances are in units of mounting height (20').



## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

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

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

### Electrical Load

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

### Projected LED Lumen Maintenance

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

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

## 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.

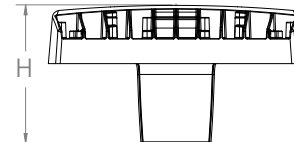
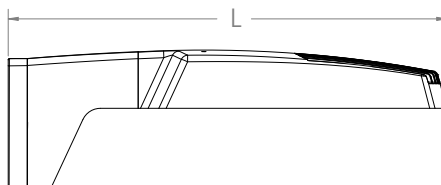
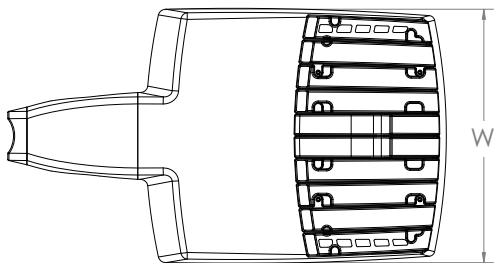
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

## Dimensions & Weights

### Luminaire Weight by Mounting Type

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

#### RSX1 with Round Pole Adapter (RPA)

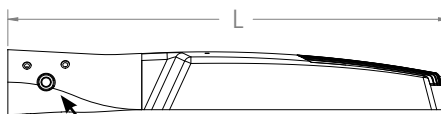
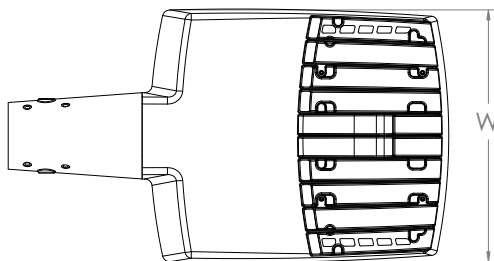


Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



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

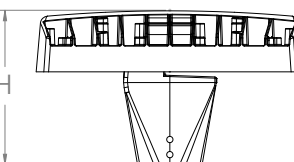
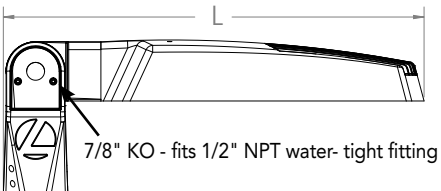
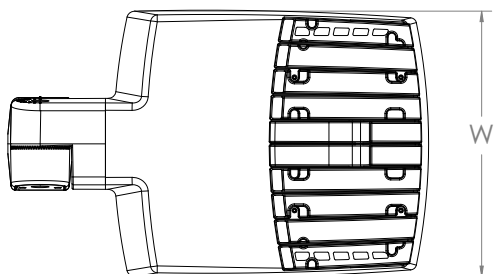
#### RSX1 with Mast Arm Adapter (MA)



7/16" locking thru bolt/nut provided

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

#### RSX1 with Adjustable Slipfitter (IS)



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

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



COMMERCIAL OUTDOOR

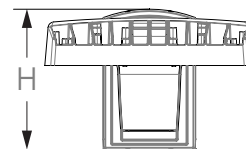
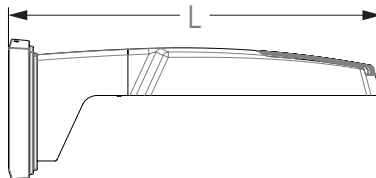
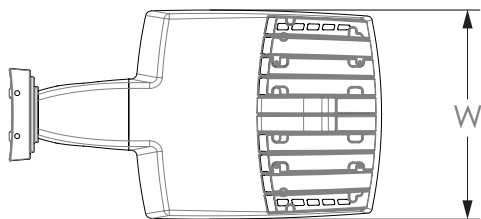
One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.acuitybrands.com](http://www.acuitybrands.com)  
 © 2018-2023 Acuity Brands Lighting, Inc. All rights reserved.

Lithonia RSX1 Area LED  
 Rev. 01/11/23  
 Page 5 of 9



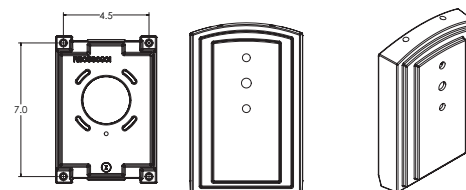
Dimensions

**RSX1 with Wall Bracket (WBA)**

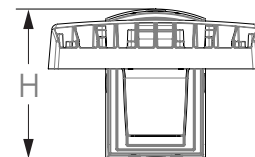
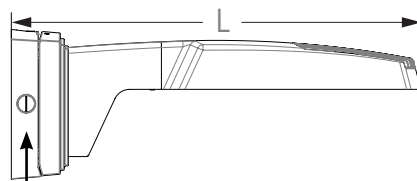
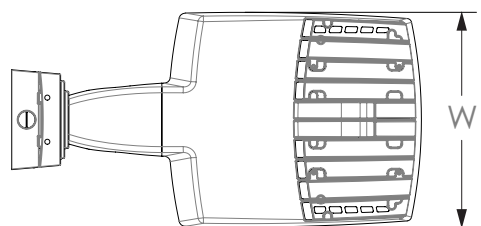


Length: 23.6" (59.9 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 8.9" (22.6 cm) Arm

**Wall Bracket (WBA) Mounting Detail**



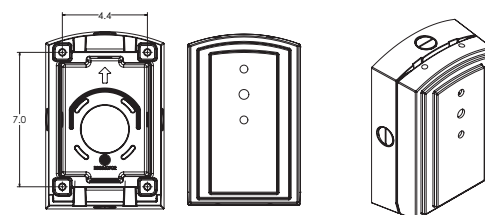
**RSX1 with Wall Bracket with Surface Conduit Box (WBASC)**



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

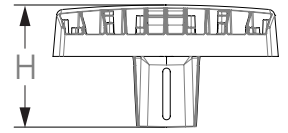
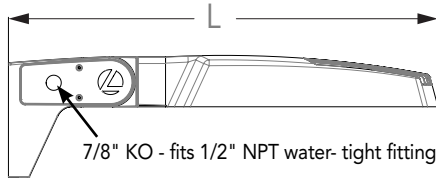
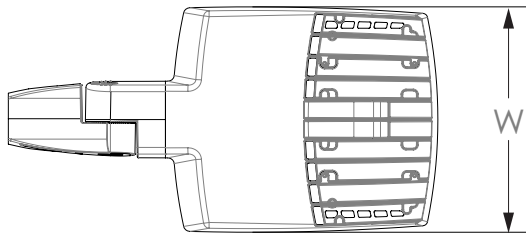
Length: 25.3" (64.3 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 9.2" (23.4 cm) Arm

**Surface Conduit Box (SCB) Mounting Detail**

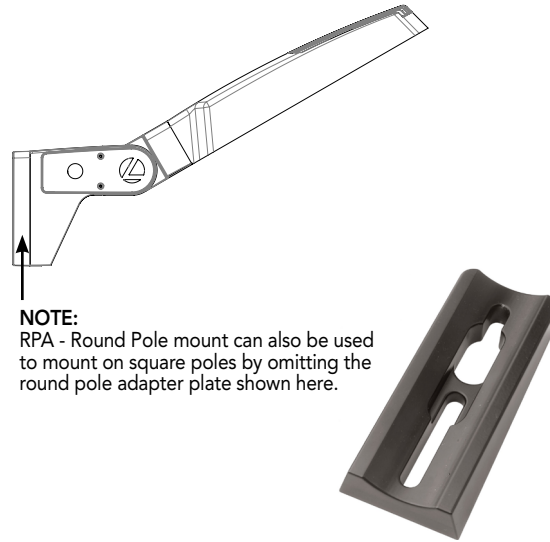


## Dimensions

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



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



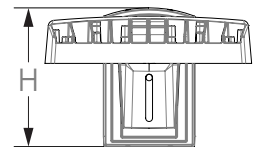
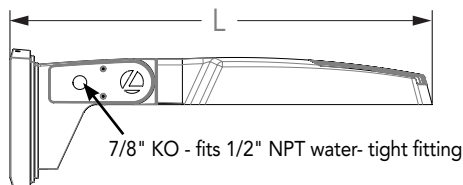
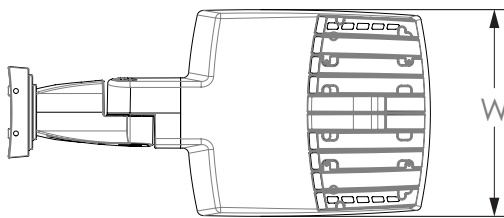
**NOTE:**  
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

#### Notes

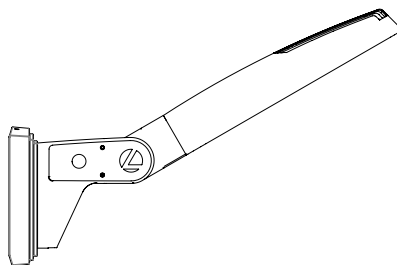
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

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

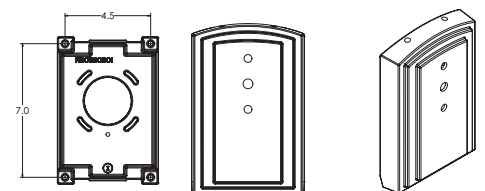
### RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



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

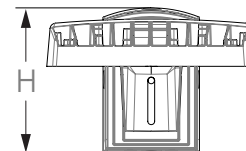
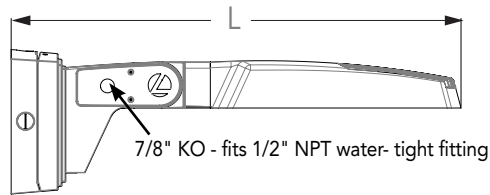
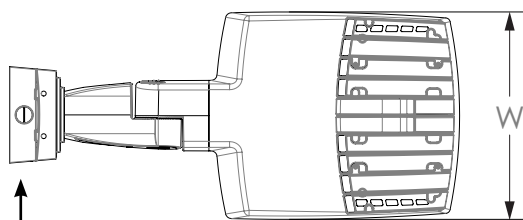


#### Wall Bracket (WBA) Mounting Detail

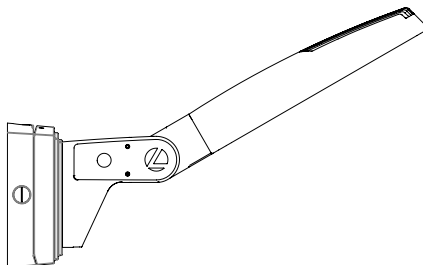


Dimensions

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

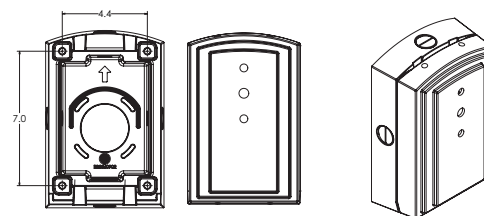


3/4" NPT taps with plugs - Qty (4) provided

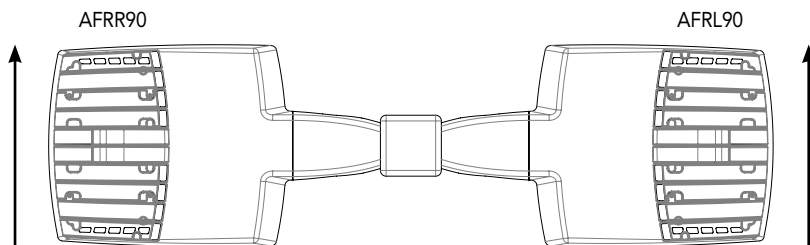


Length: 28.8" (73.2 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail



Automotive Front Row - Rotated Optics (AFRL90/R90)

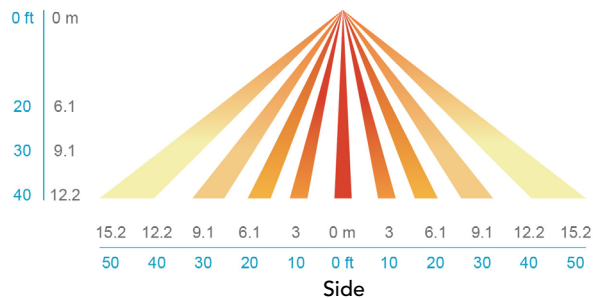
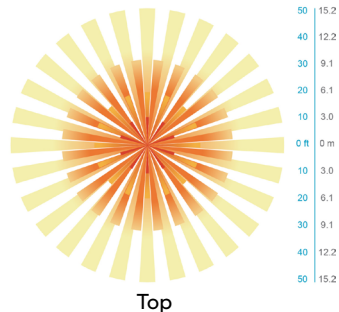
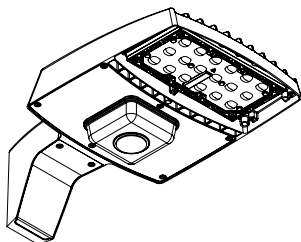


(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

## nLight Control - Sensor Coverage and Settings

### nLight Sensor Coverage Pattern

#### NLTAIR2 PIRHN



Motion Sensor Default Settings - Option PIRHN

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

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

## FEATURES & SPECIFICATIONS

### INTENDED USE

The RSX LED area 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 RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

### CONSTRUCTION

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

### FINISH

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

### COASTAL CONSTRUCTION (CCE)

ptional corrosion resistant construction is engineered with added corrosion rotection in materials and/or pre-treatment of base material under superYurable paint. Provides additional corrosion protection for applications nearUoastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with cribe 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 ARFR90 and ARFL90.

### ELECTRICAL

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

### STANDARD CONTROLS

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

### nLIGHT AIR CONTROLS

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

### INSTALLATION

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

### LISTINGS

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

### 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](http://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](http://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.





## FEATURES & SPECIFICATIONS

**INTENDED USE** — These specifications are for USA standards only. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

### CONSTRUCTION

**Pole Shaft:** The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, 0.120"), or 50 KSI (7-gauge, 0.179"). Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4", 5" and 6".

**Pole Top:** Options include 4" tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole) and open top. Side drilled and open top poles include a removable top cap.

**Handhole:** A reinforced handhole with grounding provision is provided at 18" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

**Base Cover:** A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

**Anchor Base/Bolts:** Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

**HARDWARE** — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

**FINISH** — Extra durable painted finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359. Powder-coat finishes include Dark Bronze, White, Black, and Natural Aluminum colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes.

**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](http://www.acuitybrands.com/buy-american) for additional information.

**INSTALLATION** — Do not erect poles without having fixtures installed. Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage. Lithonia Lighting is not responsible for the foundation design.

**WARRANTY** — 1-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](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**NOTE:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Catalog Number
Notes
Type



### Anchor Base Poles

# SSS

SQUARE STRAIGHT STEEL

**BAA**

## SSS Square Straight Steel Poles

## ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: SSS 20 5C DM19 DDBXD

SSS						
Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness <sup>2</sup>	Mounting <sup>3</sup>		Options	Finish <sup>14</sup>
SSS <sup>1</sup>	10'-39' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.)  See technical information table for complete ordering information.)	4C 4" 11g (0.120") 4G 4" 7g (0.179") 5C 5" 11g (0.120") 5G 5" 7g (0.179") 6G 6" 7g (0.179")  See technical information table for complete ordering information.)	<b>Tenon mounting</b> PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) <u>KAC/KAD/KSE/KSF/KVR/KVF Drill mounting<sup>4</sup></u> DM19 1 at 90° DM28 2 at 180° DM28 PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90° <u>CSX/DSX/RXS/AERIS™/OMERO™/HLA/KAX Drill mounting<sup>4</sup></u> DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90° <u>RAD drill mounting<sup>4,5</sup></u> DM19RAD 1 at 90° DM28RAD 2 at 180° DM29RAD 2 at 90° DM39RAD 3 at 90° DM49RAD 4 at 90° <u>ESX Drill mounting<sup>4</sup></u> DM19ESX 1 at 90° DM28ESX 2 at 180° DM29ESX 2 at 90° DM39ESX 3 at 90° DM49ESX 4 at 90°	<u>AERIS™ Suspend drill mounting<sup>4,6</sup></u> DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90° <u>OMERO™ Suspend drill mounting<sup>4,6</sup></u> DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90°	<b>Shipped installed</b> VD Vibration damper <sup>7</sup> HAxy Horizontal arm bracket (1 fixture) <sup>8,9</sup> FDLxy Festoon outlet less electrical <sup>8,10</sup> CPL12/xy 1/2" coupling <sup>8</sup> CPL34/xy 3/4" coupling <sup>8</sup> CPL1/xy 1" coupling <sup>8</sup> NPL12/xy 1/2" threaded nipple <sup>8</sup> NPL34/xy 3/4" threaded nipple <sup>8</sup> NPL1/xy 1" threaded nipple <sup>8</sup> EHHxy Extra handhole <sup>8,11</sup>  STLHHC Steel handhole cover (standard is plastic, finish is smooth) FBCSTL2PC 2 Piece steel base cover (standard is plastic) IC Interior coating <sup>12</sup> L/AB Less anchor bolts (Include when anchor bolts are not needed) TP Tamper resistant handhole cover fasteners NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled) UL UL listed with label (Includes NEC compliant cover) BAA Buy America(n) Act Compliant <sup>13</sup>	<b>Super durable paint colors</b> DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DGCXD Charcoal gray DTGXD Tennis green DBRXD Bright red DSBXD Steel blue DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white <b>Other finishes</b> GALV Galvanized finish <b>Architectural colors and special finishes</b> Paint over Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes available.

## NOTES:

- Handhole covers (HHC), full base covers (FBC) and top caps (TC) shipped separately. No need to call out in nomenclature. For additional parts please order as replacements.
- Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.120" | "G" - 0.179".
- PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
- Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
- All RAD drilling's require a minimum top O.D. of 4".
- Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
- On 4" and 5" poles, VD cannot be installed if provisions (EHH, FDL, NPL, CPL) are located higher than 2/3 of the pole's total height.  
Example: Pole height is 25ft, A provision cannot be placed above 16ft.
- Specify location and orientation when ordering option.  
**For "x":** Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".  
Example: 5ft = 5 and 20ft 3in = 20-3  
**For "y":** Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.  
Example: 1/2" coupling at 5' 8", orientation C = CPL12/5-8C
- Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAxy. Example: HA20BD.
- FDL does not come with GFCI outlet or handhole cover. These must be supplied by contractor or electrician.
- Combination of tenon-top and drill mount includes extra handhole. EHH includes cover.
- Provides enhanced corrosion resistance.
- Use when mill certifications are required.
- Finish must be specified. Additional colors available; see Architectural Colors brochure linked [here](#) (Form No. 794.3). Lead times may be extended up to 2 weeks due to paint procurement.

## Accessories: Order as separate catalog number.

PL DT20	Plugs for ESX drillings
PL DT8	Plugs for DMxxAS drillings

## SSS Square Straight Steel Poles

TECHNICAL INFORMATION — EPA (ft <sup>2</sup> ) with 1.3 gust													
Catalog Number	Nominal Shaft Length (ft.)*	Pole Shaft Size (Base in. x Top in. x ft.)	Wall thick (in)	Gauge	EPA (ft <sup>2</sup> ) with 1.3 gust						Bolt circle (in)	Bolt size (in. x in. x in.)	Approximate ship weight (lbs.)
					80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight			
SSS 10 4C	10	4.0 x 10.0	0.120"	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.120"	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.120"	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.120"	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.120"	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.120"	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.179"	7	14	350	11	275	8	200	8--9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.120"	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.179"	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.120"	11	4.8	150	2.6	100	1	50	8--9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.179"	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.120"	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.179"	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.179"	7	6.7	168	4.4	110	2.6	65	8--9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.120"	11	4.7	150	2	50	--	--	10--12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.179"	7	10.7	267	6.7	167	3.9	100	10--12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.179"	7	19	475	13.2	330	9	225	11--13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.179"	7	5.9	150	2.5	100	--	--	10--12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.179"	7	12.4	310	7.6	190	4.2	105	11--13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.179"	7	7.2	180	3	75	--	--	11--13	1 x 36 x 4	605

NOTE: \* EPA values are based ASCE 7-93 wind map. For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

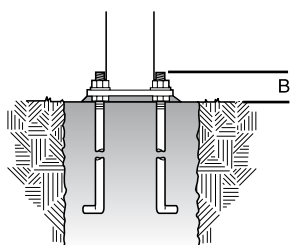
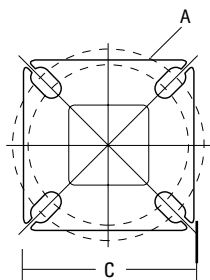
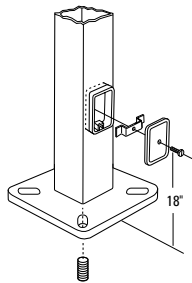
TECHNICAL INFORMATION — EPA (ft <sup>2</sup> ) WITH 3-SECOND GUST PER AASHTO 2013																	
Series	Mounting Height (ft)*	Shaft Base Size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approximate ship weight (lbs.)
SSS	10	4C	20	500	16	400	13	325	10.5	263	8.5	213	7	175	6	150	75
SSS	12	4C	16	400	13	325	10	250	8	200	6.5	163	5	125	4	100	90
SSS	14	4C	13.5	338	10	250	7.5	188	6	150	4.5	113	3.5	88	2.5	63	100
SSS	16	4C	10.5	263	7.5	188	5.5	138	4	100	3	75	1.5	38	1	25	115
SSS	18	4C	8	200	5.5	138	4	100	2.5	63	1.5	38	0.5	13	-	-	125
SSS	18	4G	13	325	9.5	238	7	175	5	125	3.5	88	2.5	63	1.5	38	185
SSS	18	5C	13	325	9.5	238	6.5	163	4.5	113	3	75	1.5	38	.5	13	170
SSS	20	4C	6	150	4	100	2.5	63	1	25	-	-	-	-	-	-	140
SSS	20	4G	10.5	263	7.5	188	5.5	138	3.5	88	2	50	1	25	-	-	205
SSS	20	5C	10	250	7	175	4.5	113	2.5	63	1	25	-	-	-	-	185
SSS	20	5G	20	500	15	375	11.5	288	8.5	213	6	150	4.5	113	3	75	265
SSS	25	4C	2	50	0.5	13	-	-	-	-	-	-	-	-	-	-	170
SSS	25	4G	5.5	138	3	75	1.5	38	-	-	-	-	-	-	-	-	245
SSS	25	5C	4.5	113	2	50	-	-	-	-	-	-	-	-	-	-	225
SSS	25	5G	12	300	8.5	213	5.5	138	3	75	1.5	38	-	-	-	-	360
SSS	25	6G	19	475	13.5	338	9	225	5.5	138	3	75	1	25	-	-	445
SSS	30	4G	1.5	38	-	-	-	-	-	-	-	-	-	-	-	-	291
SSS	30	5C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	265
SSS	30	5G	6.5	163	3.5	88	1	25	-	-	-	-	-	-	-	-	380
SSS	30	6G	11	275	6	150	2.5	63	-	-	-	-	-	-	-	-	520
SSS	35	5G	2	50	-	-	-	-	-	-	-	-	-	-	-	-	440
SSS	35	6G	4	100	-	-	-	-	-	-	-	-	-	-	-	-	540
SSS	39	6G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	605

NOTE: AASHTO 2013 criteria is the most conservative existing EPA calculation. For poles not showing EPA values under AASHTO 2013, EPA values may exist under commercial criteria (see table above).

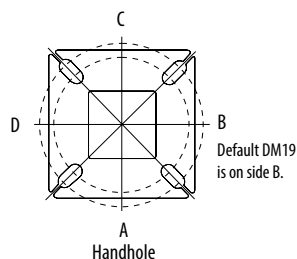
\*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

# SSS Square Straight Steel Poles

## BASE DETAIL



## HANDHOLE ORIENTATION



## IMPORTANT INSTALLATION NOTES:

- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.
- Bolt circles have +/- 1/2" tolerance.

POLE DATA							
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Base plate thickness	Template description	Anchor bolt description	Anchor bolt and template description
4"C	8" – 9"	3.25" - 3.75"	8" - 8.25"	0.75"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C
4"G	8" – 9"	3.38" - 3.75"	8" - 8.25"	0.875"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G
5"	10" – 12"	3.5" - 4"	11"	1"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5
6"	11" – 13"	4" - 4.50"	12.5"	1"	ABTEMPLATE PJ50011	AB36-0	N/A

**CAUTION:** These specifications are intended for general purposes only. Lithonia Lighting reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.





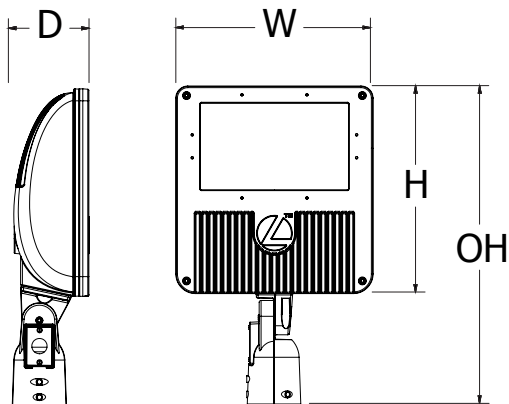
# D-Series DSXF3 LED Floodlight



d#series

## Specifications

<b>EPA @ 90°:</b>	1.4 ft <sup>2</sup> (0.13 m <sup>2</sup> )
<b>Depth:</b>	4.89" (12.4 cm)
<b>Width:</b>	12.90" (32.8 cm)
<b>Height:</b>	13.58" (34.5 cm)
<b>Overall Height:</b>	20.80" (52.8 cm)
<b>Weight:</b>	21 lbs (9.5 kg)

Catalog  
Number

Notes

Type

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

## Introduction

The D-Series floodlights feature a site-wide offering to meet specifier's every floodlighting need in application. The D-Series flood offers three sizes delivering 3,000 to 27,000 lumens. Available with seven precision optics, three mountings and three color temperatures, D-Series floodlights offer vast design capabilities while delivering significant energy savings and long life.

The DSXF3 delivers 12,000 to 27,000 lumens, meeting a large breadth of illumination requirements for design and renovation when replacing 400W HID floodlights. All configurations are made in North America allowing for quick delivery.

## Ordering Information

**EXAMPLE:** DSXF3 LED 6 P2 40K 70CRI FL MVOLT THK DDBXD

DSXF3 LED	Series	Light Engines	Performance Package	Color Temperature	CRI	Distribution	Voltage	Mounting
DSXF3 LED	6	Six COB engines	P1 P2 P3 <sup>1</sup> P4 <sup>1</sup>	30K 3000K 40K 4000K 50K 5000K	70CRI	WFL Wide flood (6x6) FL Flood (5x5) MFL Medium flood (4x4) WFR Wide flood rectangular (6x5) HMF Horizontal medium flood (6x4) MSP Medium Spot (4x4) NSP Narrow Spot (3x3)	MVOLT <sup>2</sup> 277 120 347 208 480 240	<b>Shipped included</b> IS Integral slipfitter (fits 2-3/8" O.D. tenon) YKC62 Yoke with 2ft, 16-3 SO cord THK Knuckle with 3/4" NPT threaded pipe

Options	Finish (required)
<b>Shipped installed</b> PE Photocontrol, button style <sup>3</sup> PEX Photocontrol external, swivel <sup>4</sup> PER7 Seven-wire receptacle only (controls ordered separate) <sup>5,6</sup> DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)	<b>Shipped separately<sup>7</sup></b> UBV Upper/bottom visor (universal) FV Full visor VG Vandal guard WG Wire guard
	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White

## Ordering Information

### Accessories

Ordered and shipped separately.

FTS CG6 DDBXD U	Slipfitter for 2-3/8" to 2-7/8" OD tenons; mates with yoke mount (specify finish)
FRWB DDBXD U	Radius wall bracket, 2-3/8" OD tenon (specify finish)
FSPB DDBXD U	Steel square pole bracket, 2-3/8" OD tenon (specify finish)
DSXF3UBV DDBXD U	Upper/bottom visor accessory (specify finish)
DSXF3FV DDBXD U	Full visor accessory (specify finish)
DSXF3VG U	Vandal guard accessory
DSXF3WG DBLXD U	Wire guard accessory
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) <sup>3</sup>
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) <sup>4</sup>
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) <sup>4</sup>
DSHORT SBK U	Shorting cap <sup>5</sup>

For more mounting options, visit our [Floodlighting Accessories](#) pages.

Stock configurations are offered for shorter lead times:

Standard Part Number	Stock Part Number	CI Code
DSXF3 LED 6 P1 40K 70CRI WFL MVOLT IS DDBXD	DSXF3 LED 6 P1 40K IS	*236CXJ
DSXF3 LED 6 P1 50K 70CRI WFL MVOLT IS DDBXD	DSXF3 LED 6 P1 50K IS	*236CXG
DSXF3 LED 6 P1 40K 70CRI WFL MVOLT YKC62 DDBXD	DSXF3 LED 6 P1 40K YKC62	*236CXH
DSXF3 LED 6 P1 50K 70CRI WFL MVOLT YKC62 DDBXD	DSXF3 LED 6 P1 50K YKC62	*236CX8
DSXF3 LED 6 P2 40K 70CRI WFL MVOLT IS DDBXD	DSXF3 LED 6 P2 40K IS	*236CX6
DSXF3 LED 6 P2 50K 70CRI WFL MVOLT IS DDBXD	DSXF3 LED 6 P2 50K IS	*236CX3
DSXF3 LED 6 P2 40K 70CRI WFL MVOLT YKC62 DDBXD	DSXF3 LED 6 P2 40K YKC62	*236CX5
DSXF3 LED 6 P2 50K 70CRI WFL MVOLT YKC62 DDBXD	DSXF3 LED 6 P2 50K YKC62	*236CX2

### NOTES

- Performance packages P3 and P4 are not available with HMF, MFL, MSP, NSP.
- MVOLT driver operates on any line voltage from 120-277V.
- Requires MVOLT or 347V.
- Requires 120V, 208V, 240V, 277V or 347V.
- For units with a photocontrol receptacle, the mounting must be restricted to  $\pm 45^\circ$  from horizontal aim per ANSI C136.10-2010.
- Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire 6/Wire 7 capped inside luminaire. (PER and PER5 are also available.)
- Also available as separate accessories; see Accessories information at left.
- Requires luminaire to be specified with PER option.

## Mountings/External Shields/Accessories

### Mountings



IS – Adjustable Slipfitter  
(fits 2-3/8" O.D. tenon)



YKC62 - Yoke with 16-3  
50 cord, 2ft



THK - Threaded Knuckle with  
3/4" NPT threaded pipe

### External Shields



UBV Visor  
Top Mounted



UBV Visor  
Bottom Mounted



FV - Full Visor

### Accessories



WG - Wire Guard



VG - Vandal Guard



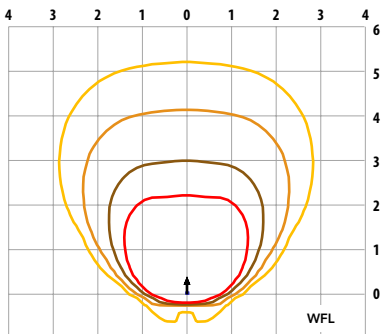
Yoke with FTS CG6  
(Yoke tenon adaptor accessory)

# Photometric Diagrams

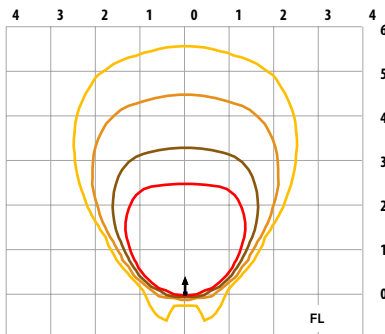
To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Flood Size 3 homepage](#).

Isofootcandle plots for DSXF3. Distances are in units of mounting height (30ft).

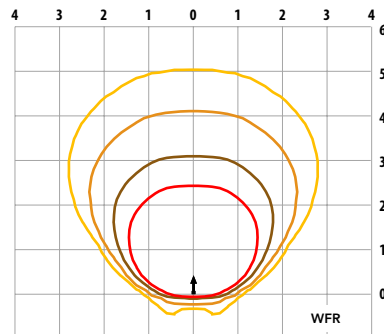
- LEGEND**
- 0.1 fc
  - 0.25 fc
  - 0.5 fc
  - 1.0 fc



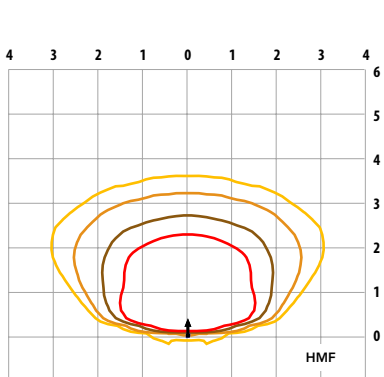
DSXF3 LED 6 P4 40K - Tilted at 50°



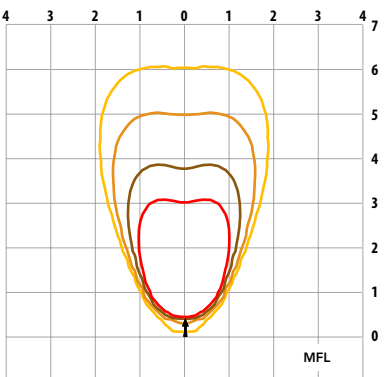
DSXF3 LED 6 P4 40K - Tilted at 50°



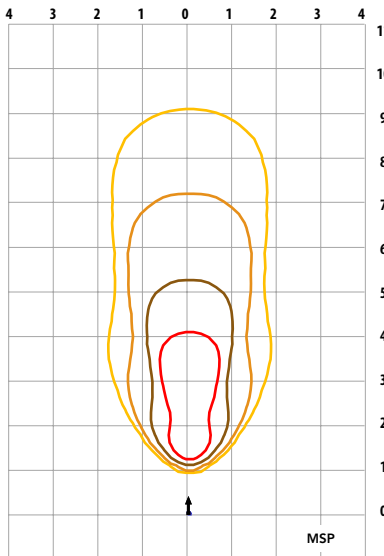
DSXF3 LED 6 P4 40K - Tilted at 45°



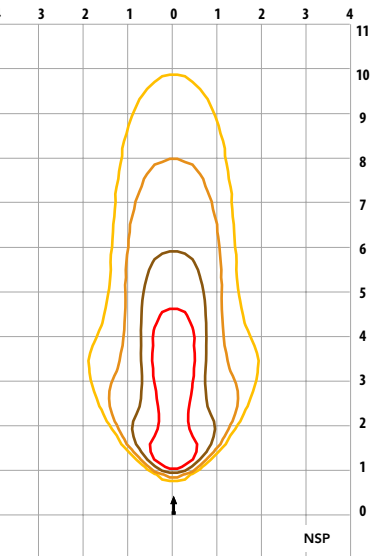
DSXF3 LED 6 P2 40K - Tilted at 45°



DSXF3 LED 6 P2 40K - Tilted at 60°



DSXF3 LED 6 P2 40K - Tilted at 80°



DSXF3 LED 6 P2 40K - Tilted at 80°

MH = 30ft  
Grid = 30ft x 30ft

## 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 applicable tolerances. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution Type	NEMA Type	Field Angle		Beam Angle		30K (3000K, 70 CRI)			40K (4000K, 70 CRI)			50K (5000K, 70 CRI)		
				°H	°V	°H	°V	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd
				P1	111	WFL	6 X 6	111	115	83	85	17,141	154	9,154	17,458	157
FL	5 X 5	90	92			70	72	16,060	145	11,369	16,358	147	11,579	16,655	150	11,790
WFR	6 X 5	107	96			81	72	16,296	147	10,253	16,598	149	10,443	16,900	152	10,633
107	HMF	6 X 4	124		67	95	55	13,584	127	10,994	13,956	130	11,295	13,956	130	11,295
	MFL	4 X 4	57		59	45	45	13,193	123	22,794	13,554	126	23,419	13,554	126	23,419
	MSP	4 X 4	52		52	27	28	13,084	122	48,321	13,442	125	49,645	13,442	125	49,645
	NSP	3 X 3	39		37	18	17	11,501	107	68,331	11,816	110	70,203	11,816	110	70,203
P2	138	WFL	6 X 6	111	115	83	85	20,622	149	11,013	21,005	152	11,217	21,387	155	11,421
		FL	5 X 5	90	92	70	72	19,322	140	13,678	19,680	142	13,931	20,038	145	14,185
		WFR	6 X 5	107	96	81	72	19,607	142	12,336	19,970	144	12,565	20,333	147	12,793
	169	HMF	6 X 4	124	67	95	55	18,800	111	15,215	19,315	114	15,632	19,315	114	15,632
		MFL	4 X 4	57	59	45	45	18,259	108	31,547	18,759	111	32,411	18,759	111	32,411
		MSP	4 X 4	52	52	27	28	18,107	107	66,875	18,603	110	68,707	18,603	110	68,707
		NSP	3 X 3	39	37	18	17	15,917	94	94,567	16,353	97	97,158	16,353	97	97,158
P3	165	WFL	6 X 6	111	115	83	85	23,900	145	12,764	24,343	148	13,000	24,786	150	13,237
		FL	5 X 5	90	92	70	72	22,393	136	15,852	22,808	138	16,146	23,223	141	16,439
		WFR	6 X 5	107	96	81	72	22,723	138	14,297	23,144	140	14,562	23,565	143	14,827
P4	189	WFL	6 X 6	111	115	83	85	26,738	141	14,279	27,233	144	14,544	27,729	147	14,808
		FL	5 X 5	90	92	70	72	25,052	133	17,734	25,516	135	18,063	25,981	137	18,391
		WFR	6 X 5	107	96	81	72	25,421	134	15,994	25,892	137	16,291	26,363	139	16,587

### Lumen Ambient Temperature (LAT) Multipliers

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

Ambient Temperature		Lumen Multiplier (Optics WFL, FL, WFR)	Lumen Multiplier (Optics HMF, MFL, MSP, NSP)
0°C	32°F	1.04	1.07
5°C	41°F	1.03	1.06
10°C	50°F	1.02	1.04
15°C	59°F	1.02	1.03
20°C	68°F	1.01	1.01
<b>25°C</b>	<b>77°F</b>	<b>1.00</b>	<b>1.00</b>
30°C	86°F	0.99	0.99
35°C	95°F	0.98	0.97
40°C	104°F	0.97	0.95

### Reported LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient and hours of LED testing (tested per IESNA LM-80-08 and reported per IESNA M-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the luminaire performance package below. For other lumen maintenance values, contact factory.

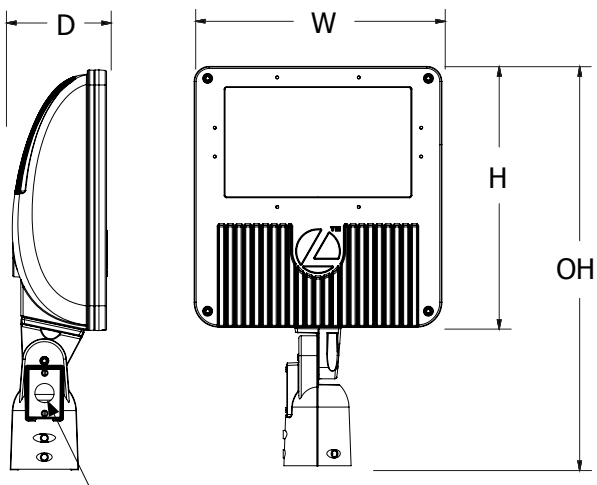
Optic Type	Performance Package	TM-21 Percent Lumen Maintenance at 60,000 hrs
WFL, FL, WFR	P1 / P2 / P3 / P4	90%
MFL, HMF, MSP, NSP	P1 / P2	89%

### Electrical Load

Performance Package	System Watts (W)	Current (A)						
		120V	208V	240V	277V	347V	480V	
Optic Types WFL, FL, WFR	P1	111	0.98	0.57	0.50	0.43	0.33	0.24
	P2	138	1.23	0.70	0.61	0.54	0.41	0.30
	P3	165	1.45	0.82	0.72	0.63	0.49	0.35
	P4	189	1.65	0.94	0.82	0.72	0.56	0.40
Optic Types HMF, MFL, MSP, NSP	P1	107	0.98	0.57	0.50	0.43	0.33	0.24
	P2	169	1.55	0.87	0.76	0.66	0.51	0.37

## Dimensions

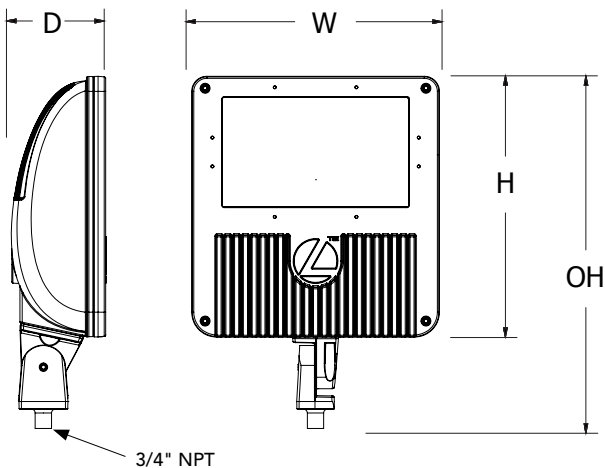
### Adjustable Slipfitter (IS)



Width: 12.90" (32.8 cm)  
 Depth: 4.89" (12.4 cm)  
 Height: 13.58" (34.5 cm) main body  
 Overall: 20.80" (52.8 cm) with arm  
 Weight: 21 lbs

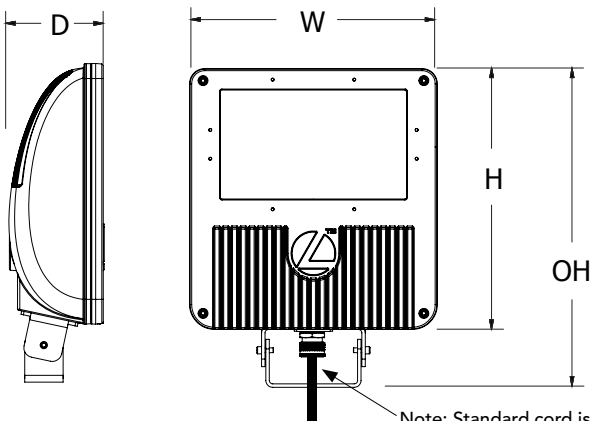
Qty (2) - splice covers included (includes one with 7/8" thru-hole allowing conduit from exterior)

### Threaded Knuckle (THK)



Width: 12.90" (32.8 cm)  
 Depth: 4.89" (12.4 cm)  
 Height: 13.58" (34.5 cm) main body  
 Overall: 18.34" (46.6 cm) with arm  
 Weight: 20 lbs

### Yoke (YKC62)



Width: 12.90" (32.8 cm)  
 Depth: 4.89" (12.4 cm)  
 Height: 13.58" (34.5 cm) main body  
 Overall: 16.60" (42.2 cm) with arm  
 Weight: 20 lbs

Note: Standard cord is 16-3 wire, 2 ft cord. Other lengths can be specified.

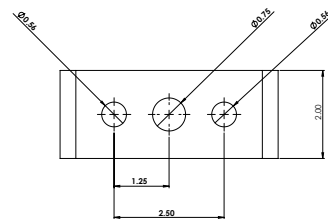
Ex: YKC62

YK = Yoke Mount

C6 = 16 gage, 3 wire cord

2 = 2 feet (5 = 5ft, 6 = 6ft, etc.)

### Yoke (YK) Mounting Detail



## Pole Mounting Information

Accessories including bullhorns, cross arms and other adapters are available. 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.](#)

### FEATURES & SPECIFICATIONS

#### INTENDED USE

The sleek and compact design of the D-Series floodlights reflects the embedded high performance LED technology while offering a clean aesthetic suitable for specification and general purpose floodlighting applications. Three sizes are available with seven precision optics allowing for maximum design versatility. DSXF3 delivers 12,000 to 27,000 lumens and is ideal for commercial lighting applications including new construction and replacing 400W HID floodlights. DSXF3 is ideal for general area, security, facade, flagpole and signage lighting applications.

#### CONSTRUCTION

The DSXF3 LED floodlight features rugged die-cast aluminum construction with integral heat sink fins that optimize thermal management through conductive and convective cooling. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. The housing and lens frame are completely sealed against moisture and environmental contaminants providing an IP66 rating. Low EPA (1.4 ft<sup>2</sup>) for optimized wind loading. DSXF3 is 1.5G vibration rated per ANSI C136.31.

#### FINISH

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

#### OPTICS

Seven unique precision-molded vacuum-metallized specular reflectors are engineered for superior field-to-beam ratios, uniformity and spacing. Light engines are available in 3000K, 4000K or 5000K (minimum 70 CRI) configurations. Optional visors offer additional versatility when shielding is required.

#### ELECTRICAL

Light engines consist of chip-on-board (COB) LEDs directly coupled to the housing to maximize heat dissipation and promote long life. LED lumen maintenance is L90/60,000 hours for WFL, FL and WFR optics and L89/60,000 hours for HMF, MFL, MSP and NSP optics. Class 1 electronic 0-10V continuous dimming drivers ensure system power factor. 90% and THD <20%. Serviceable 10kV surge protection device meets a minimum Category C low operation (per ANSI/IEEE C62.41.2).

#### CONTROLS

DSXF3 features an optional NEMA twist-lock 7-pin photocell receptacle that is compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming signals. Standard wiring will be per following: Wire 1/2/3 as normal (hot input, switch leg and neutral). Wire 4/Wire 5 wired to dimming leads on driver. Wire 6/Wire 7 capped inside luminaire. Also available with MVOLT button photocontrol or external mounted swivel type photocontrol.

#### INSTALLATION

The die-cast integral "IS" mount features an adjustable slipfitter that mounts on a 2 3/8" OD tenon. Includes integral splice compartment offering easy installation and wiring. An extra cover plate with 7/8" through hole is provided to accommodate 1/2" water-tight fitting for power run from outside of the tenon. The "THK" adjustable knuckle mount includes a 3/4-14 NPT pipe thread. A steel yoke "YK" mount is available and includes a water tight cord grip and cord. DSXF3 features a glass lens enclosure that is protected to IP66 and is rated for lighting aimed up above 90°. Suitable for mounting within 4 feet of ground.

#### 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](http://www.designlights.org/QPL) to confirm which versions are qualified.

#### BUY AMERICAN ACT

This product 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/resources/buy-american](http://www.acuitybrands.com/resources/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](http://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.

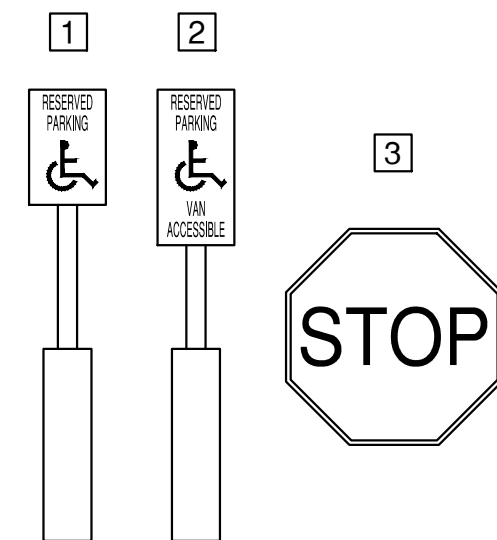






LEGEND

- CONCRETE PAVEMENT
- ASPHALT PAVEMENT (LIGHT) (17,520 S.F.)
- ASPHALT PAVEMENT (HEAVY) (23,947 S.F.)
- LANDSCAPE AREA
- GREEN SPACE
- PROPOSED 18" STANDARD CURB AND GUTTER
- PROPOSED 18" STANDARD SHEDDING CURB AND GUTTER
- PROPOSED 18" MOUNTABLE CURB AND GUTTER
- PROPOSED 18" MOUNTABLE SHEDDING CURB AND GUTTER
- TRAFFIC FLOW ARROW
- HANDICAPPED PARKING
- INDICATES NUMBER OF PARKING STALLS
- WALL PACK
- LIGHT POLE (1 LAMP)
- LIGHT POLE (2 LAMPS)
- LIGHT POLE (3 LAMPS)
- LIGHT POLE (4 LAMPS)



\*NOTE: ALL DIMENSIONS ARE TO THE FACE OF CURB, UNLESS NOTED OTHERWISE

NOTE

ALL DISTURBED AREAS SHALL BE TOPSOILED TO A DEPTH OF 6 INCHES, SEEDED AND MULCHED. AREA TO BE RAKED FREE OF STONES AND CLUMPS.

PARKING DATA

TOTAL PARKING STALLS PROVIDED = 37  
 HANDICAP ACCESSIBLE PARKING STALLS = 2  
 TOTAL PARKING STALLS REQUIRED = 26 (1 STALL FOR EVERY 1,000 SF OF BUILDING)

SITE DATA

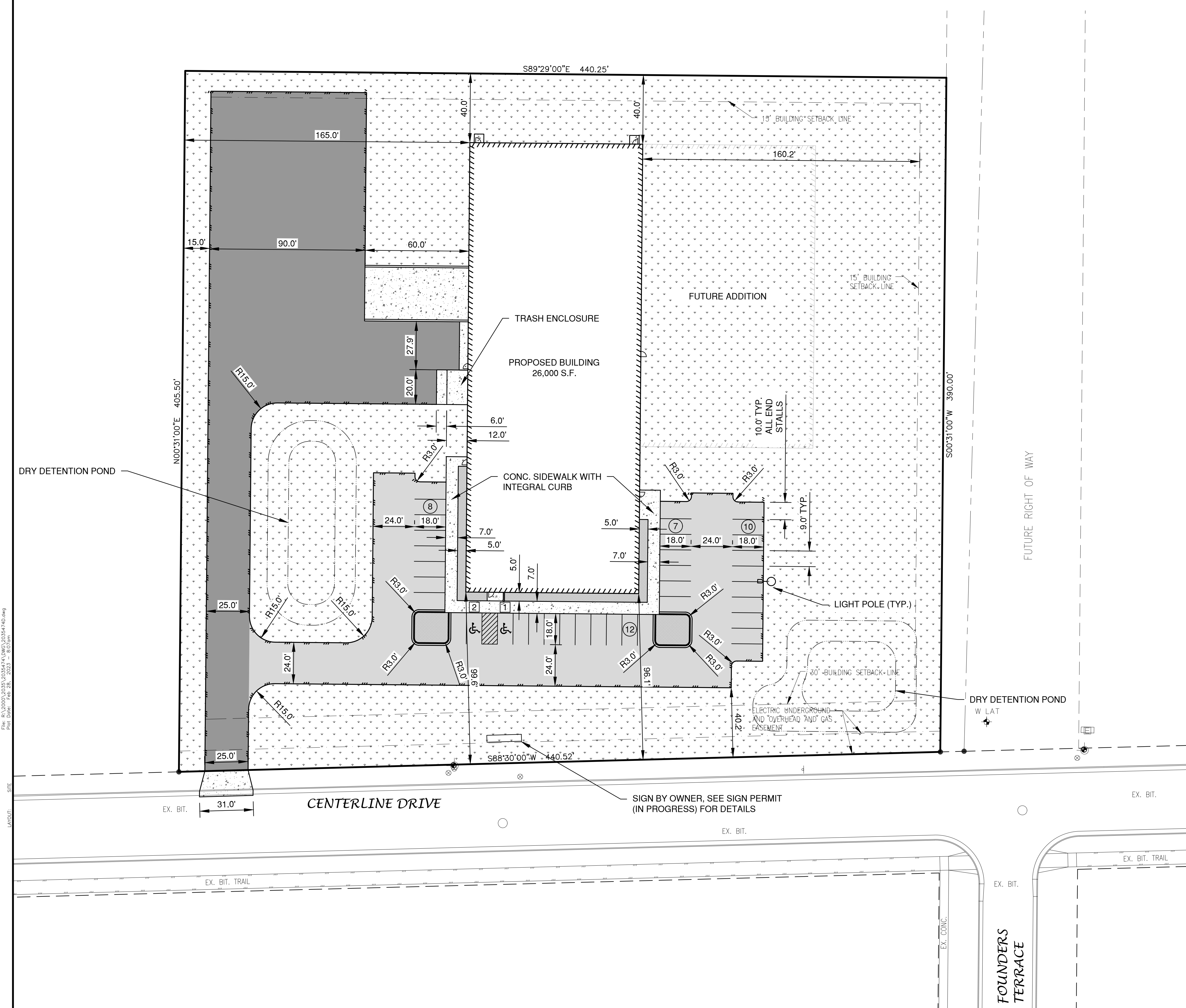
TOTAL AREA = 4.02 ACRES, 175,110 S.F.  
 BUILDING AREA = 0.6 ACRES, 26,000 S.F. (14.8%)  
 SIDEWALK/PARKING LOT AREA = 1.07 ACRES, 46,693 S.F. (26.7%)  
 GREEN SPACE = 2.35 ACRES, 105,417 S.F. (58.5%)

ZONING

PUD #1: CENTENNIAL CENTRE AT HOBART DISTRICT

PARCEL NO.

HB-525-7



FILE: P:\2020\2035\2035474D\2035474D.dwg PLOT DATE: Feb 28, 2023 8:57:02am

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

DRAWN: LLP  
 CHECKED: [Signature]  
 DESIGNED: JGS

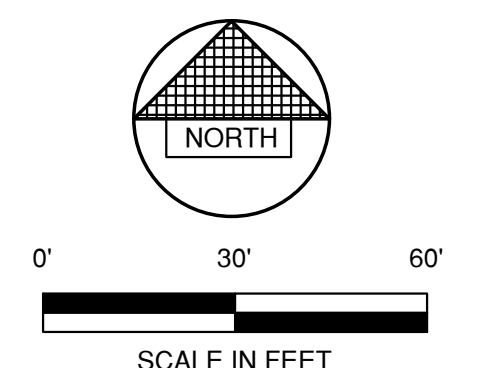
SITE DEVELOPMENT OF MARTOR USA FOR BAYLAND BUILDINGS, INC. VILLAGE OF HOBART BROWN COUNTY, WISCONSIN

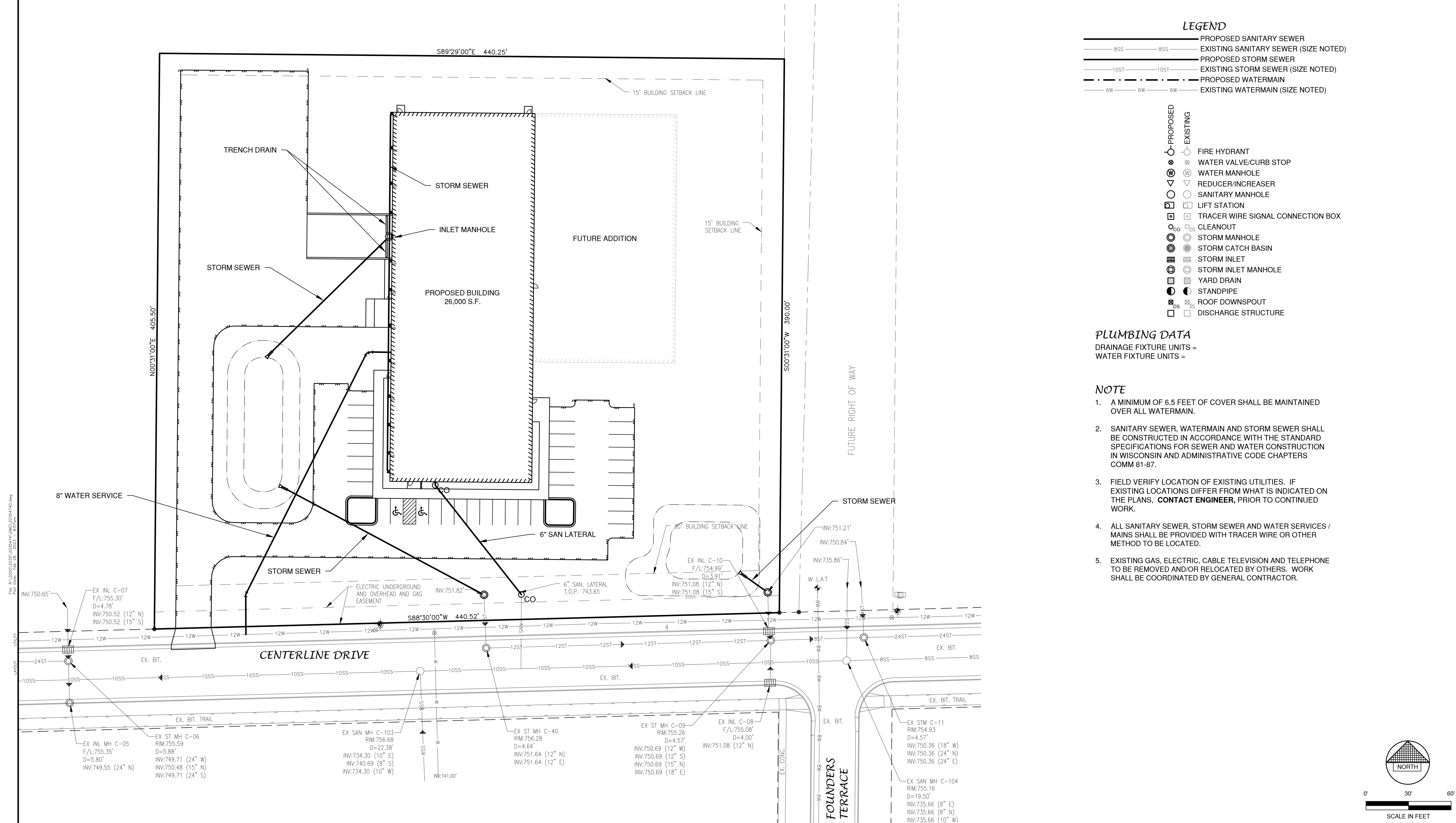
SITE PLAN

DATE: 02/20/23  
 FILE: 2035474D  
 JOB NO.: 2035474

**REL Robert E. Lee & Associates, Inc.**  
 1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO. **2**





**LEGEND**

- 8SS — 8SS — PROPOSED SANITARY SEWER
- 8SS — 8SS — EXISTING SANITARY SEWER (SIZE NOTED)
- 10ST — 10ST — PROPOSED STORM SEWER
- 10ST — 10ST — EXISTING STORM SEWER (SIZE NOTED)
- - - - - PROPOSED WATERMAIN
- 6W — 6W — 6W — EXISTING WATERMAIN (SIZE NOTED)

- PROPOSED
- EXISTING
- FIRE HYDRANT
- ⊗ WATER VALVE/CURB STOP
- ⊗ WATER MANHOLE
- ▽ REDUCER/INCREASER
- SANITARY MANHOLE
- LIFT STATION
- TRACER WIRE SIGNAL CONNECTION BOX
- CLEANOUT
- STORM MANHOLE
- STORM CATCH BASIN
- STORM INLET
- ⊗ STORM INLET MANHOLE
- YARD DRAIN
- STANDPIPE
- ⊗ ROOF DOWNSPOUT
- DISCHARGE STRUCTURE

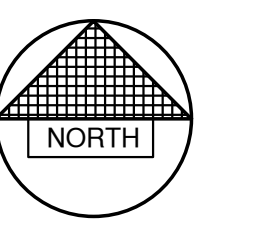
**PLUMBING DATA**

DRAINAGE FIXTURE UNITS =  
WATER FIXTURE UNITS =

**NOTE**

1. A MINIMUM OF 6.5 FEET OF COVER SHALL BE MAINTAINED OVER ALL WATERMAIN.
2. SANITARY SEWER, WATERMAIN AND STORM SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN AND ADMINISTRATIVE CODE CHAPTERS COMM 81-87.
3. FIELD VERIFY LOCATION OF EXISTING UTILITIES. IF EXISTING LOCATIONS DIFFER FROM WHAT IS INDICATED ON THE PLANS, **CONTACT ENGINEER**, PRIOR TO CONTINUED WORK.
4. ALL SANITARY SEWER, STORM SEWER AND WATER SERVICES / MAINS SHALL BE PROVIDED WITH TRACER WIRE OR OTHER METHOD TO BE LOCATED.
5. EXISTING GAS, ELECTRIC, CABLE TELEVISION AND TELEPHONE TO BE REMOVED AND/OR RELOCATED BY OTHERS. WORK SHALL BE COORDINATED BY GENERAL CONTRACTOR.

FILE: P:\2020\2020\30354\DWG\30354\_T42.dwg  
PLOT DATE: Feb 28, 2023 9:50:07am



NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

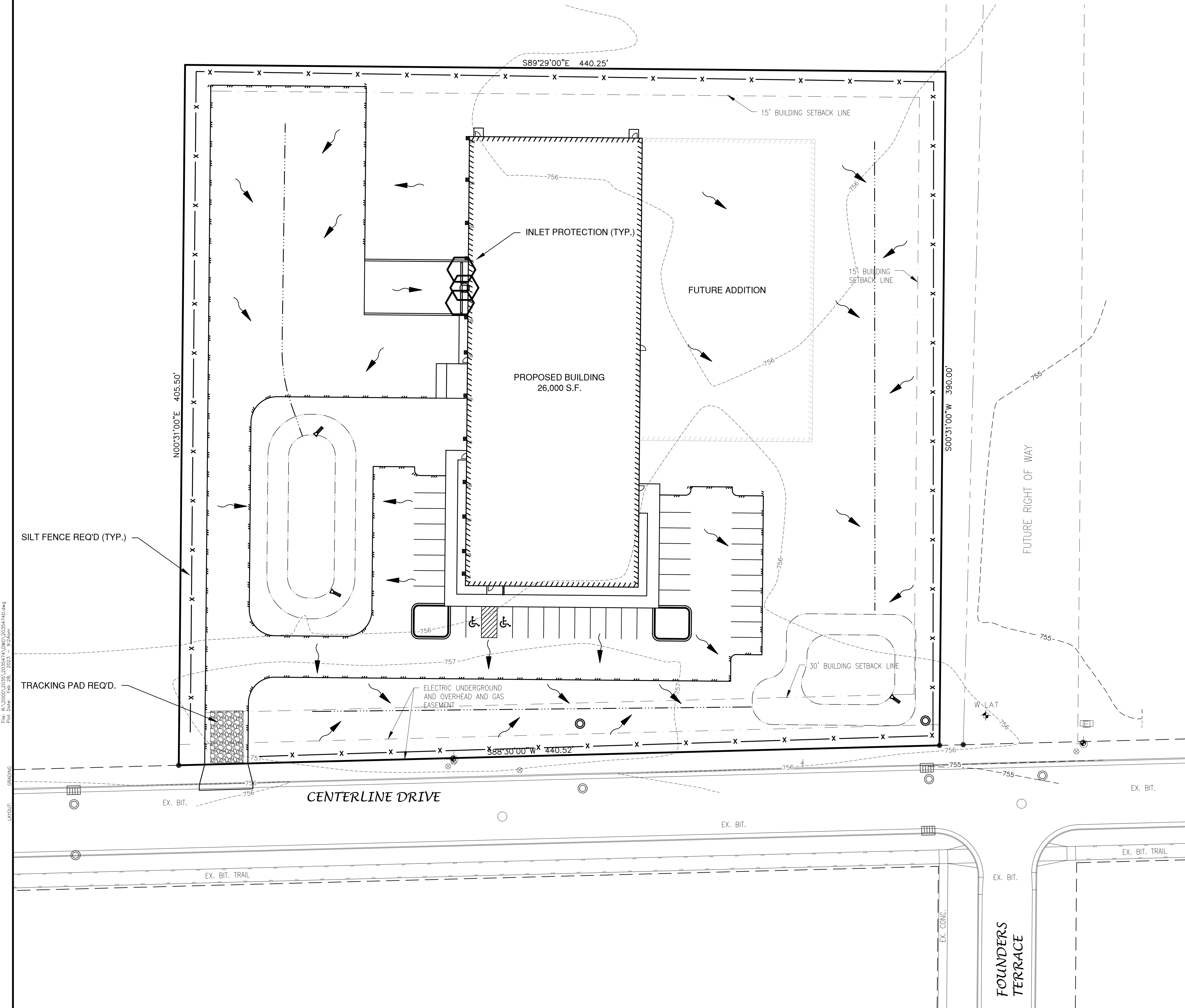
SITE DEVELOPMENT OF MARTOR USA  
FOR BAYLAND BUILDINGS, INC.  
VILLAGE OF HOBART  
BROWN COUNTY, WISCONSIN

UTILITY PLAN

DATE  
02/20/23  
FILE  
2035474D  
JOB NO.  
2035474

**REL** Robert E. Lee & Associates, Inc.  
1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO.  
**3**



**LEGEND**

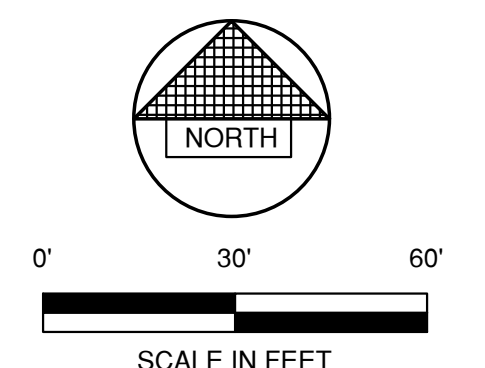
- T/C 999.99 TOP OF CURB ELEVATION
- F/L 888.88 FLOW LINE ELEVATION
- S/W 666.66 TOP OF SIDEWALK ELEVATION
- E/P 555.55 EDGE OF PAVEMENT ELEVATION
- R/W 444.44 TOP OF RETAINING WALL ELEVATION
- 333.33 GROUND ELEVATION
- DRAINAGE SWALE
- DRAINAGE DIVIDE
- FLOW ARROW
- SILT FENCE (PER WDNR TECHNICAL STANDARD 1056)
- DITCH CHECK (PER WDNR TECHNICAL STANDARD 1062)
- TRACKING PAD (PER WDNR TECHNICAL STANDARD 1057)
- EROSION MAT (PER WDNR TECHNICAL STANDARD 1053)
- INLET PROTECTION (PER WDNR TECHNICAL STANDARD 1060)

**EROSION CONTROL**

ALL EROSION CONTROL PRACTICES INDICATED ON THIS PLAN ARE APPROXIMATE LOCATIONS ONLY. THE ACTUAL SITE MAY REQUIRE MORE OR LESS EROSION CONTROL DEPENDING ON THE CURRENT CONDITION OF THE SITE.

1. SILT FENCE IS REQUIRED DOWNSLOPE OF ANY DISTURBED LAND THAT MAY CARRY SEDIMENTS OFF SITE.
2. A TRACKING PAD IS REQUIRED AT ANY INGRESS/EGRESS LOCATION, WHERE SEDIMENT MAY BE TRACKED OFF-SITE.
3. PROPER INLET PROTECTION SHALL BE USED DEPENDING ON THE INLET TYPE.
4. ALL NECESSARY SITE DEWATERING SHALL BE PERFORMED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1061.

File: R:\2023\2035474D\2035474D.dwg  
 Plot Date: Feb 28, 2023 9:24am  
 GRADING  
 LAYOUT



NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

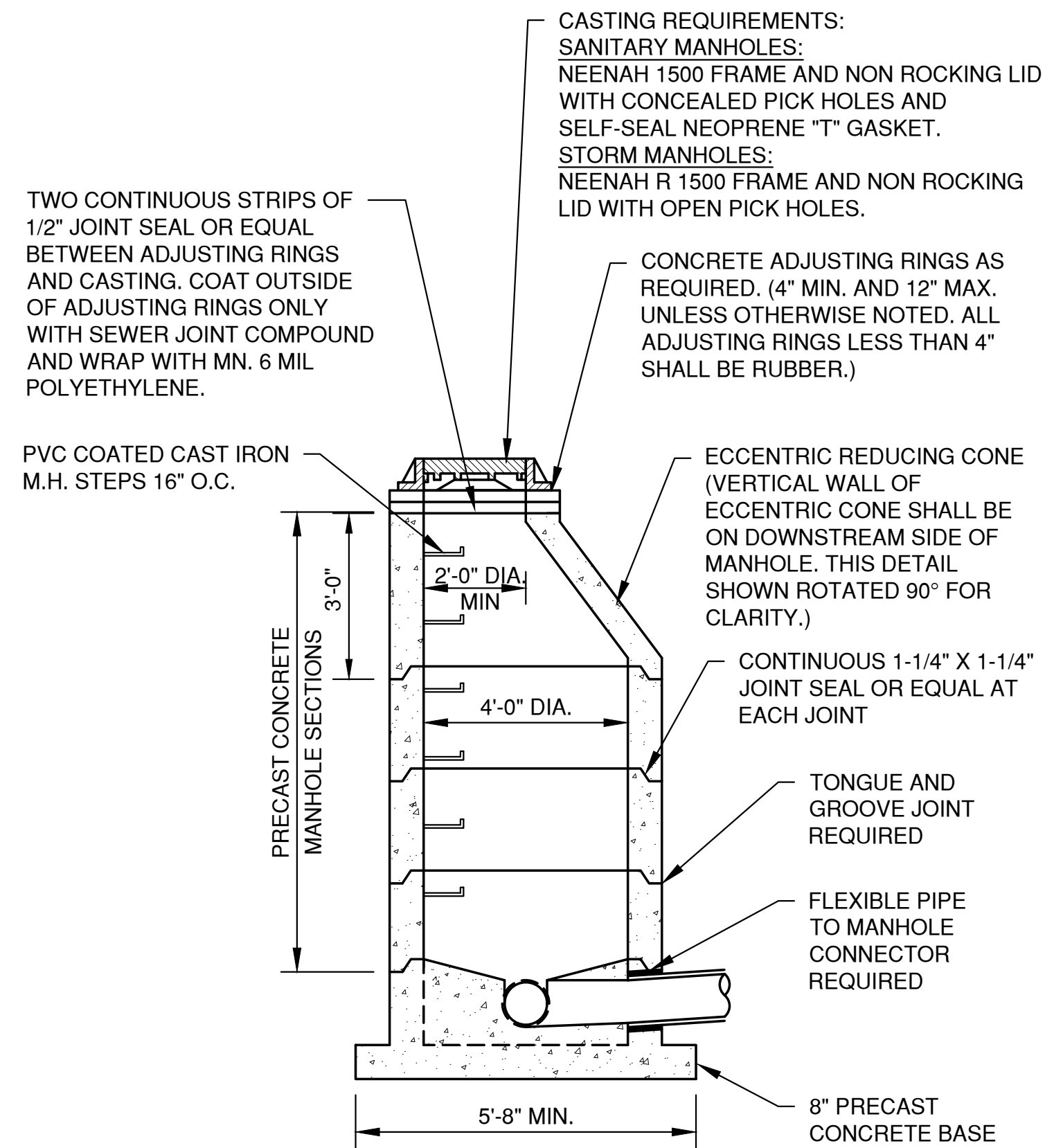
DRAWN LLP  
 CHECKED  
 DESIGNED JCS  
 SITE DEVELOPMENT OF MARTOR USA  
 FOR BAYLAND BUILDINGS, INC.  
 VILLAGE OF HOBART  
 BROWN COUNTY, WISCONSIN

GRADING PLAN  
 DATE 02/20/23  
 FILE 2035474D  
 JOB NO. 2035474

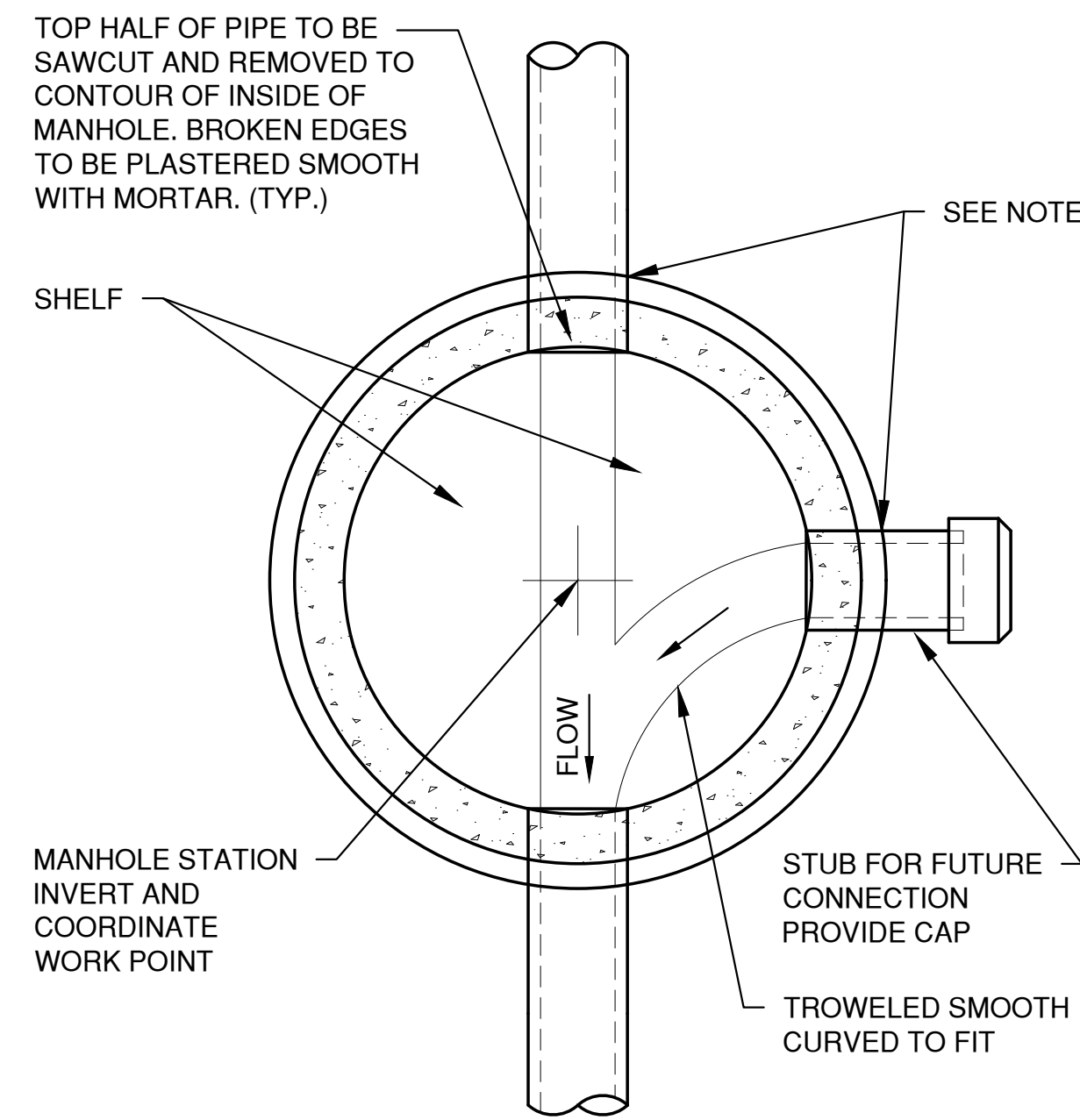
DATE 02/20/23  
 FILE 2035474D  
 JOB NO. 2035474

REL Robert E. Lee & Associates, Inc.  
 1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO.  
**4**

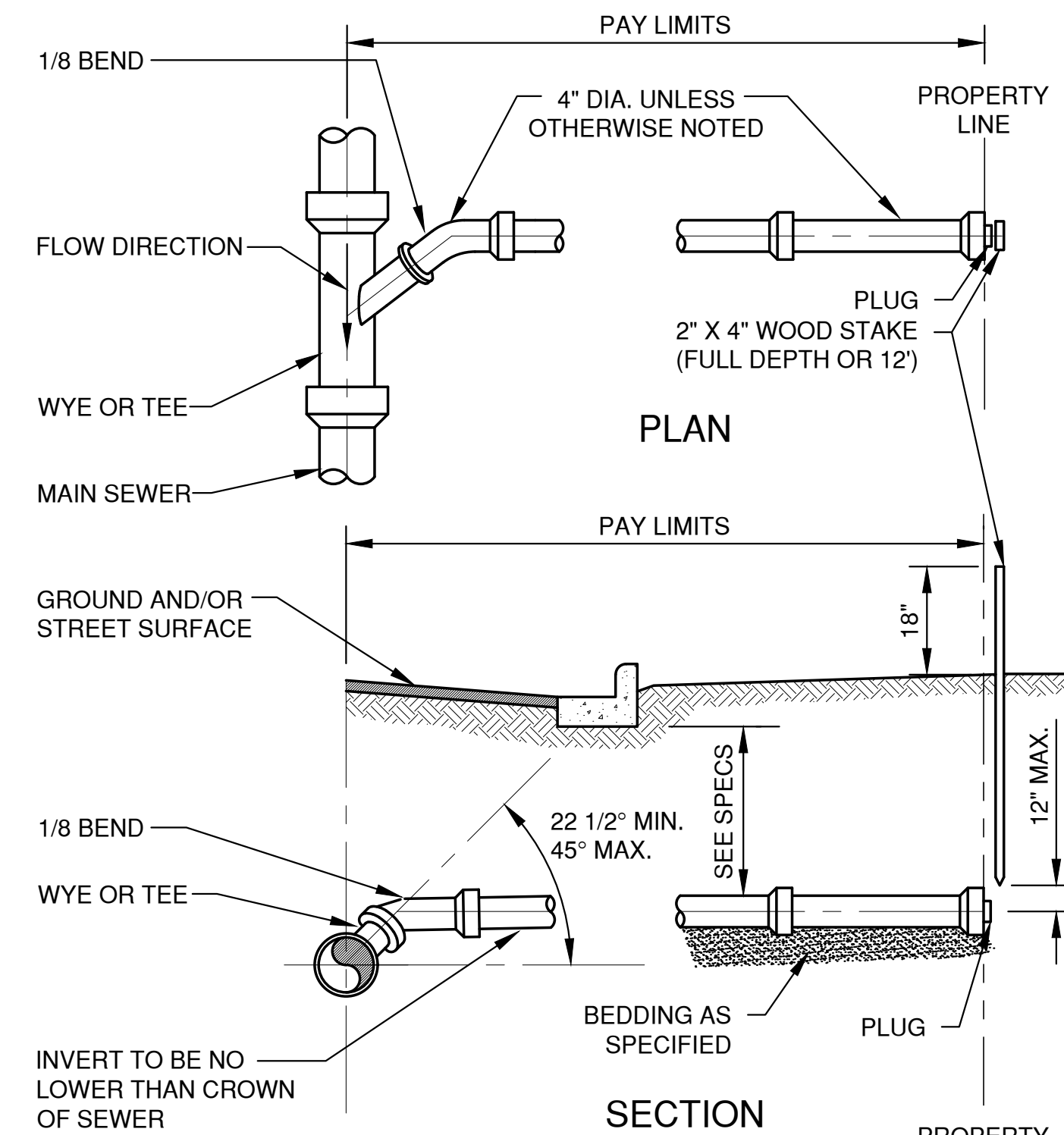


**SANITARY AND STORM STANDARD MANHOLE  
8"-24" (INCLUSIVE)**



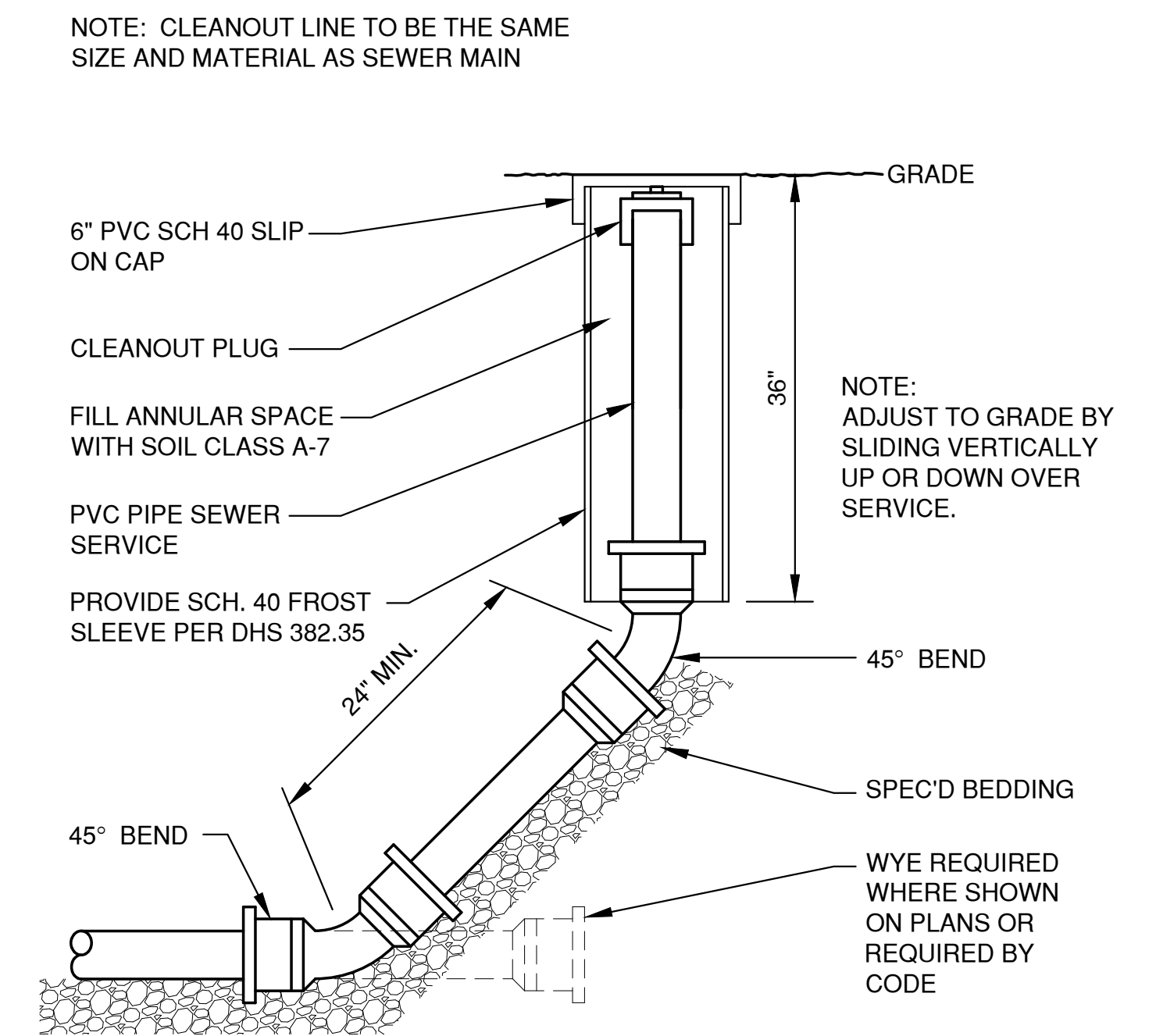
NOTE:  
FOR PVC PIPE PROVIDE AN APPROVED FLEXIBLE JOINT.

**MANHOLE BASE PLAN  
8" - 60" (INCLUSIVE)**

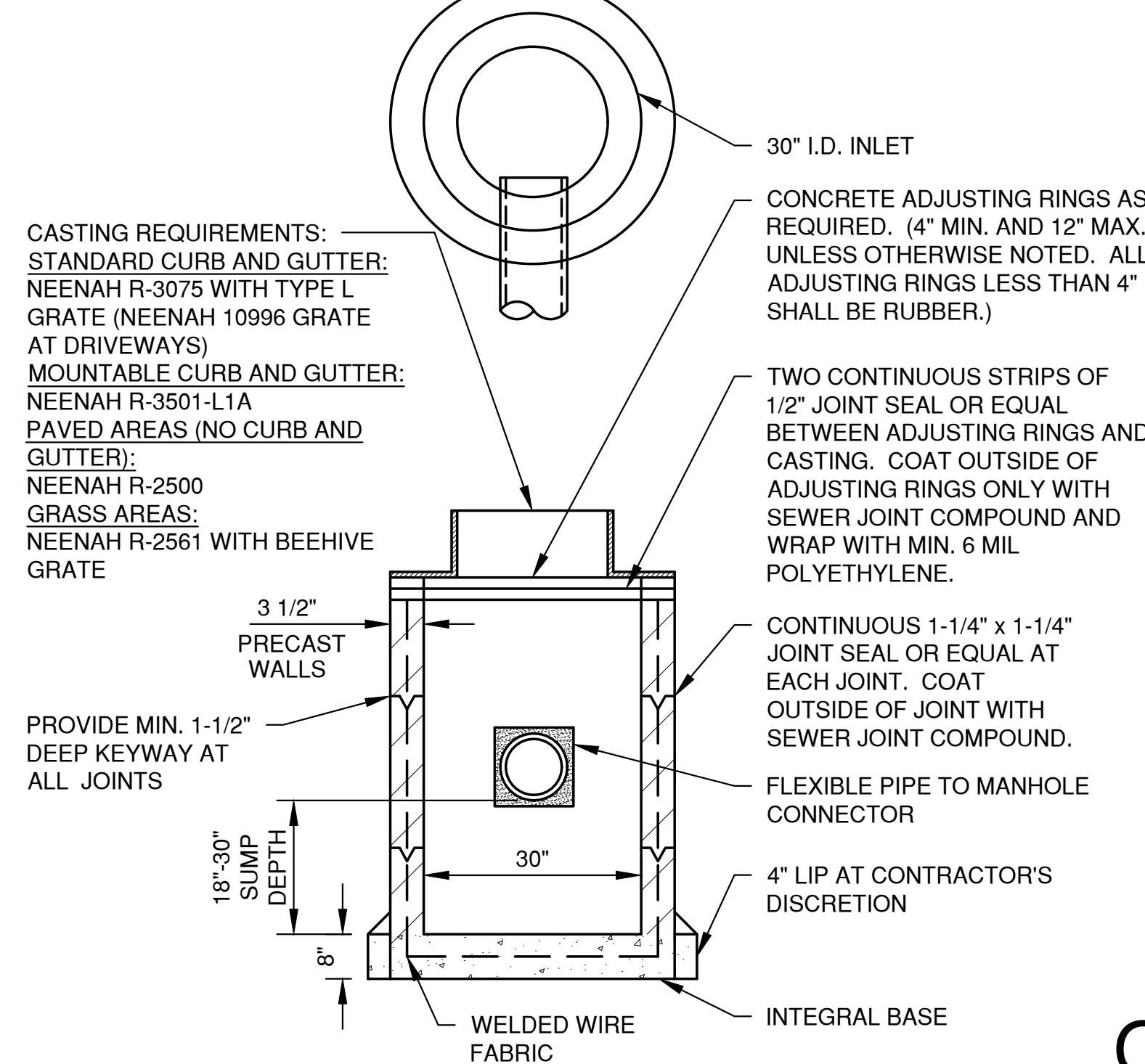


NOTES:  
1. SADDLE CONNECTIONS NOT PERMITTED.  
2. BACKFILL TO CONFORM TO MAIN SEWER.  
3. MINIMUM SLOPE: 1/8 INCH PER FOOT.  
4. MAXIMUM SLOPE: 1/2 INCH PER FOOT.

**STANDARD SERVICE LATERAL**

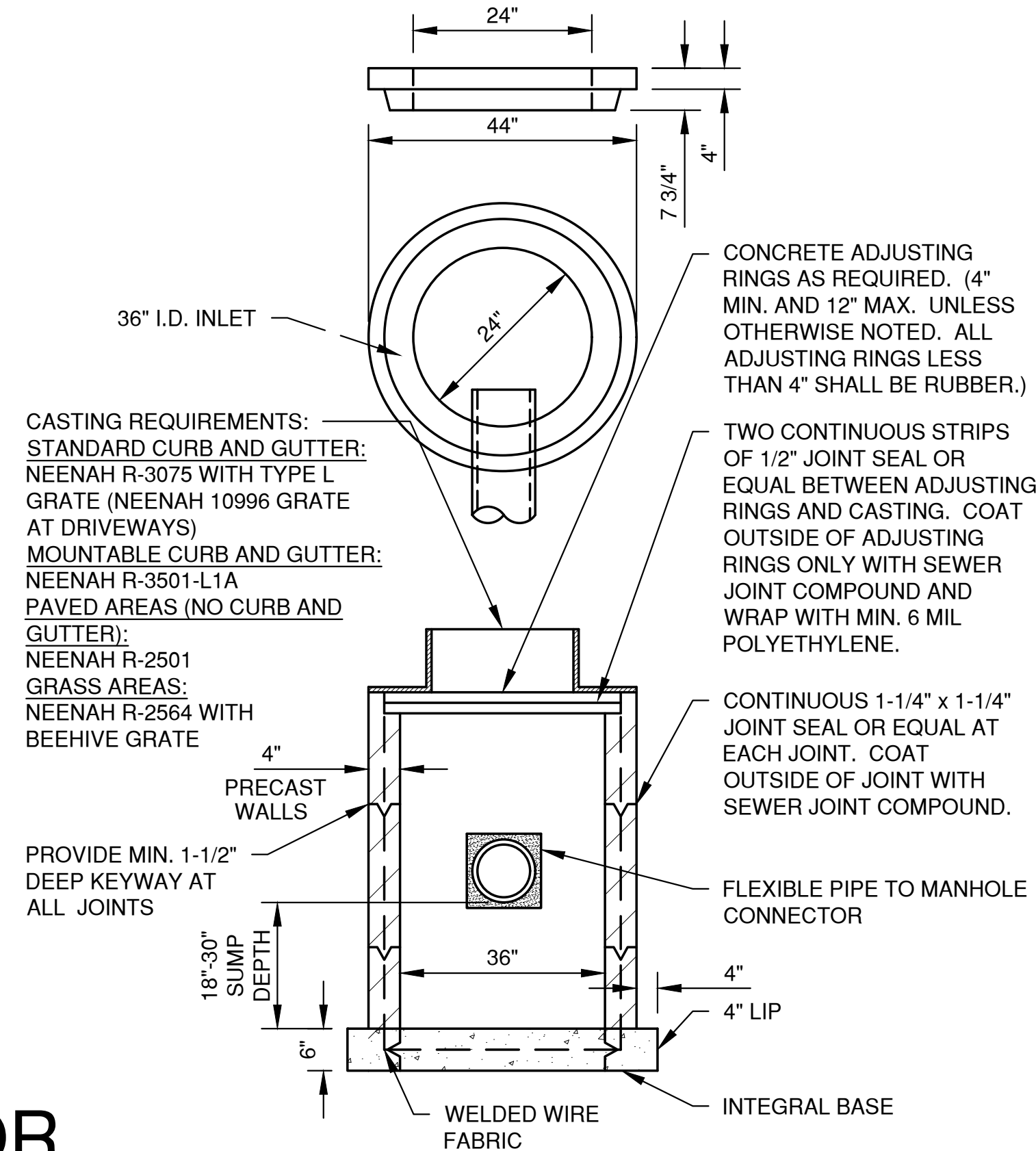


**CLEAN-OUT DETAIL  
(NON-TRAVELED AREAS)**



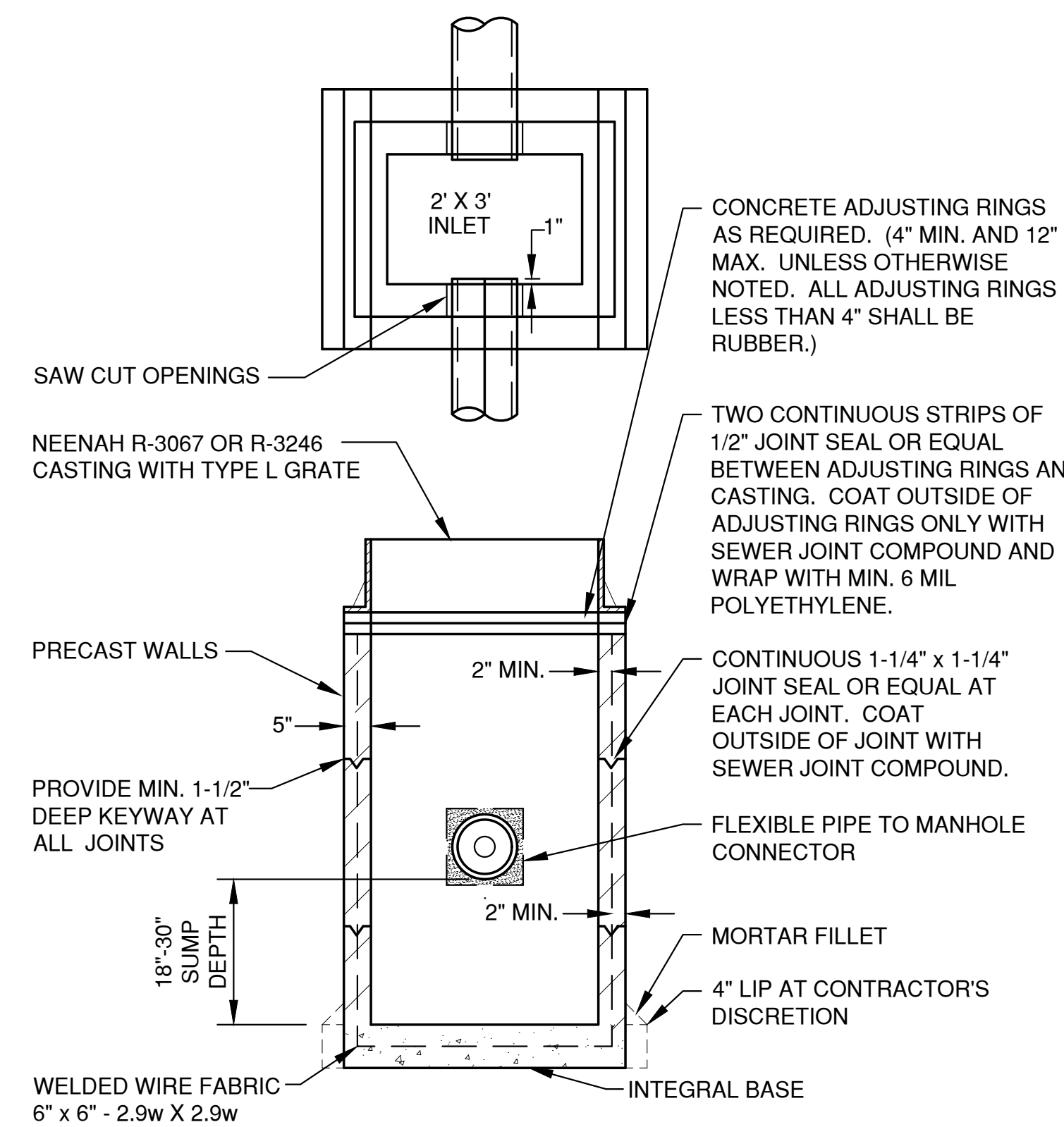
ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199

**TYPE 'A' STORM INLET**



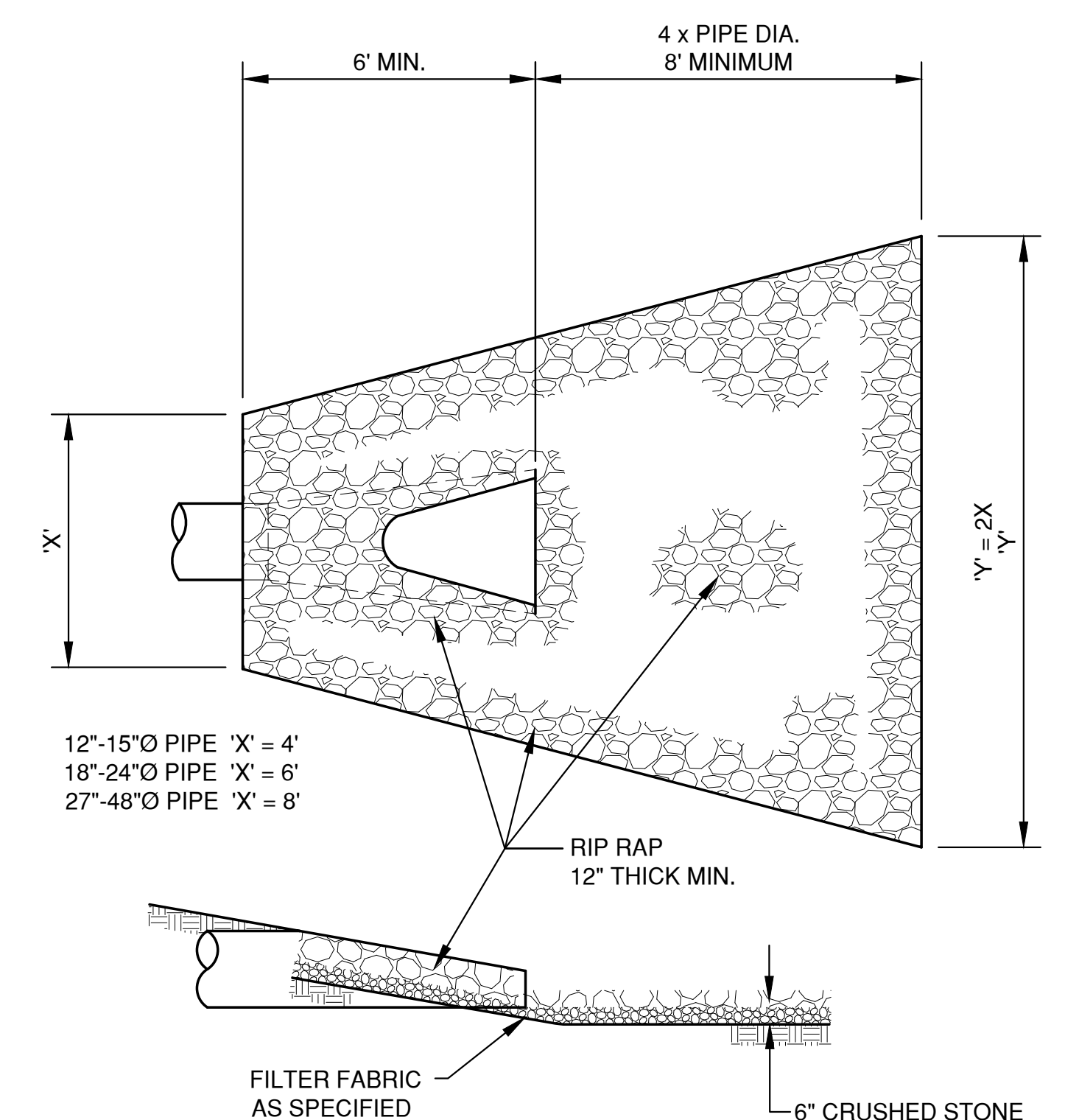
ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199

**TYPE 'A' STORM INLET**



ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199

**TYPE 'B' STORM INLET**



**ENDWALL RIP RAP DETAIL**

FILE: C:\Users\m564\OneDrive\Work\Projects\18330\2025\44\_DET.dwg DATE: 02/20/25 10:07 AM

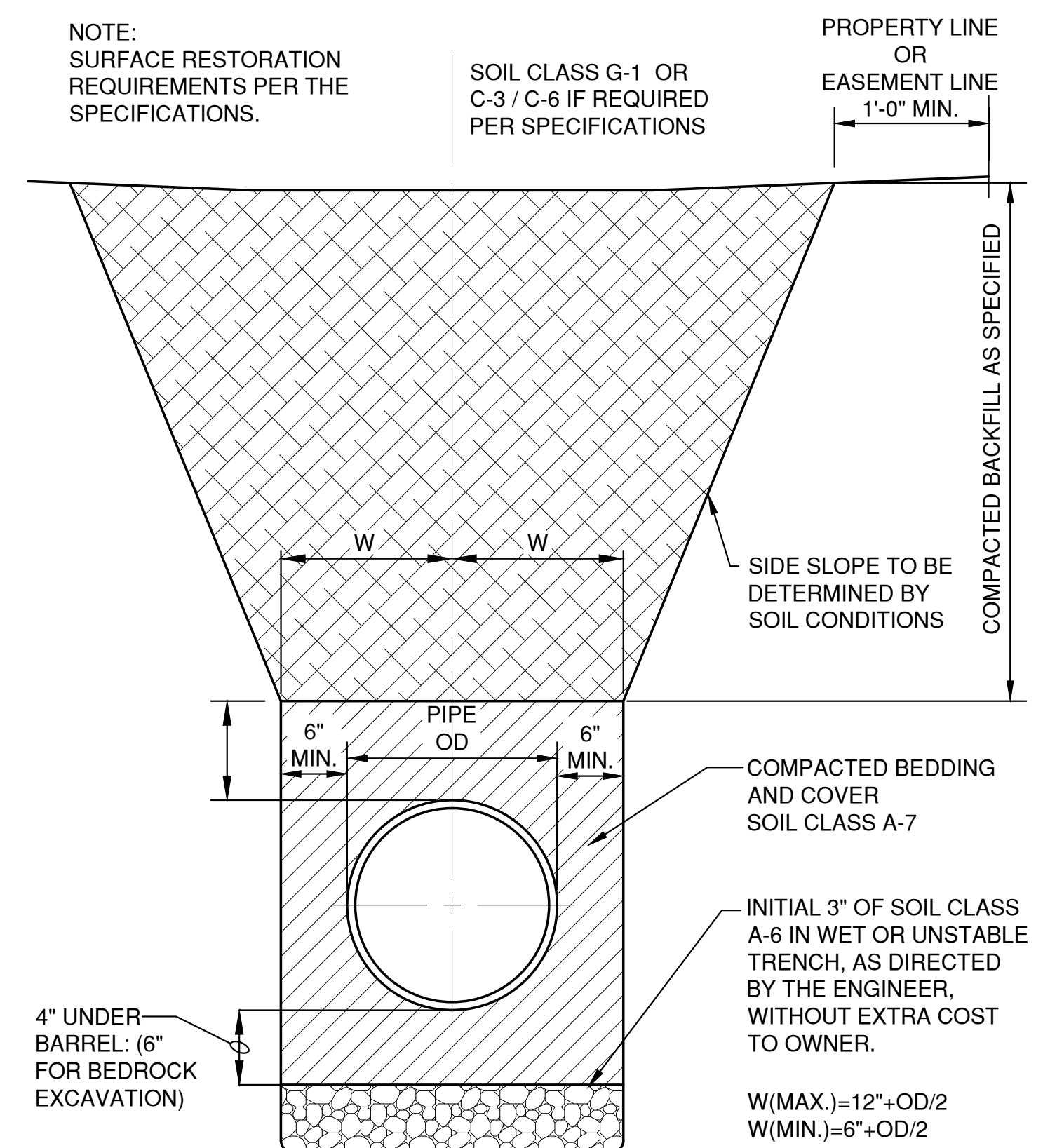
NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

SITE DEVELOPMENT OF MARTOR USA FOR BAYLAND BUILDINGS, INC. VILLAGE OF HOBART BROWN COUNTY, WISCONSIN

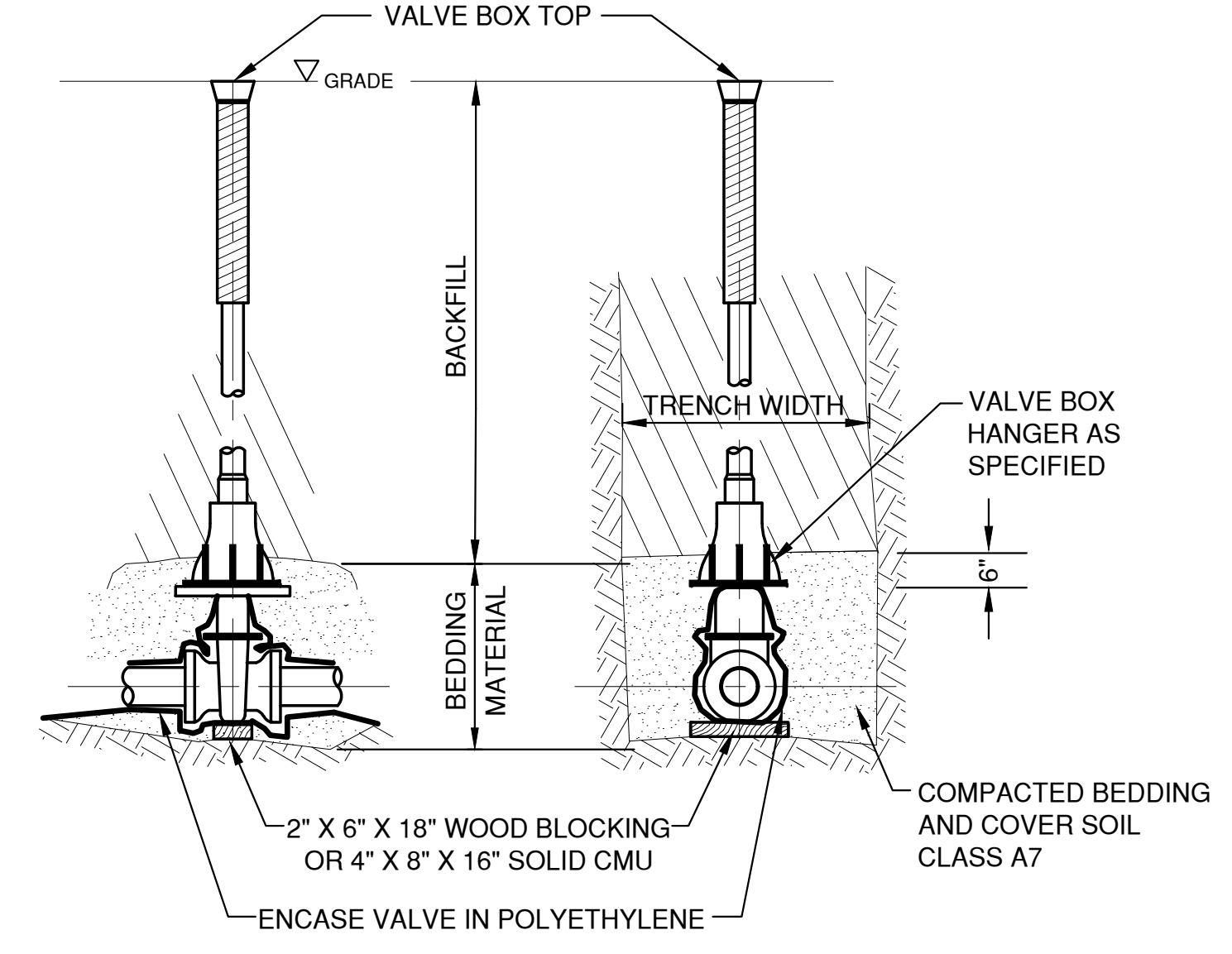
MISCELLANEOUS DETAILS

DATE	02/20/25
FILE	2025474.DET
JOB NO.	2025474

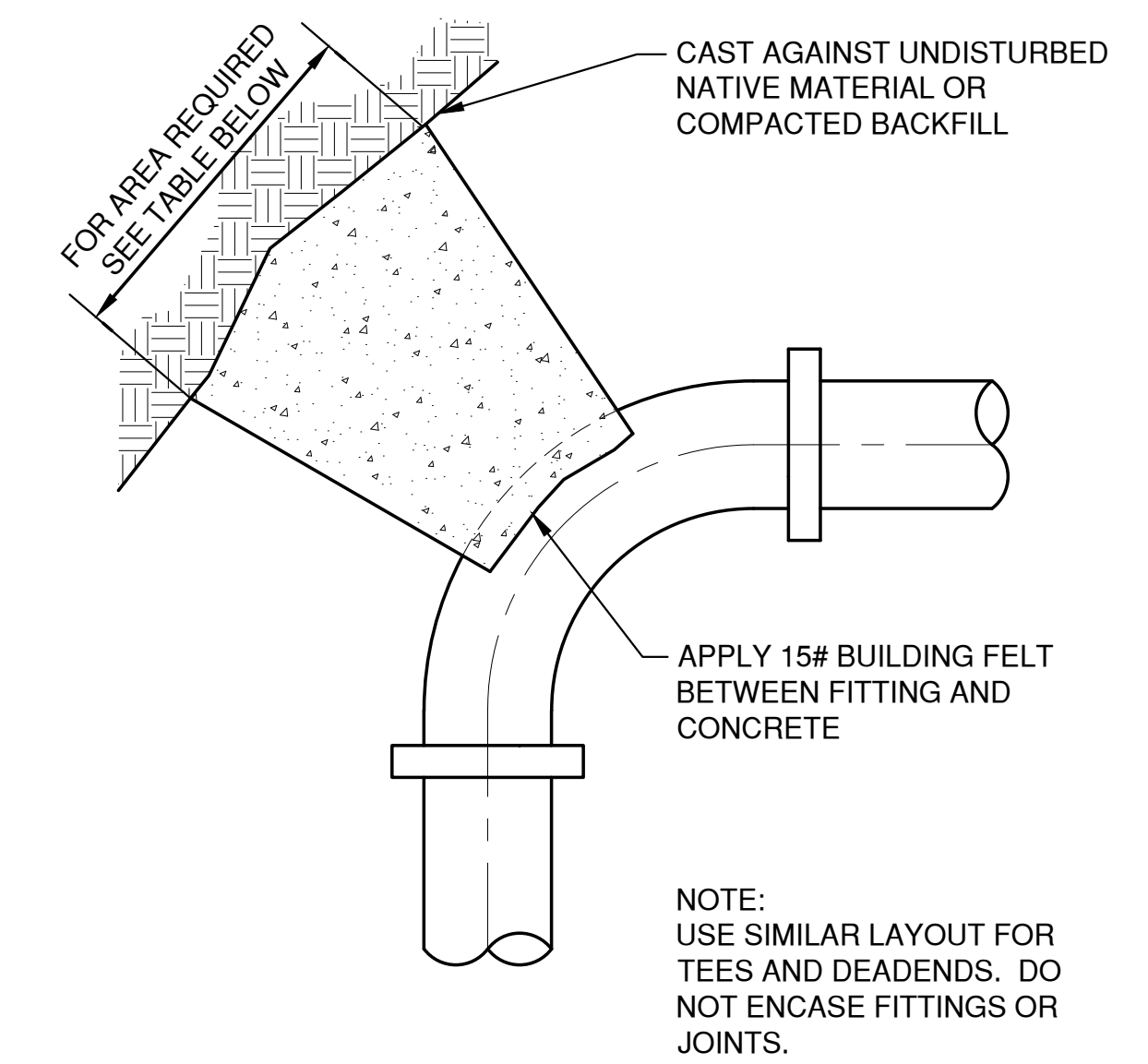
**REL Robert E. Lee & Associates, Inc.**  
1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com



HDPE /PVC SEWER, WATERMAIN AND FORCEMAIN BEDDING AND TRENCH DETAIL



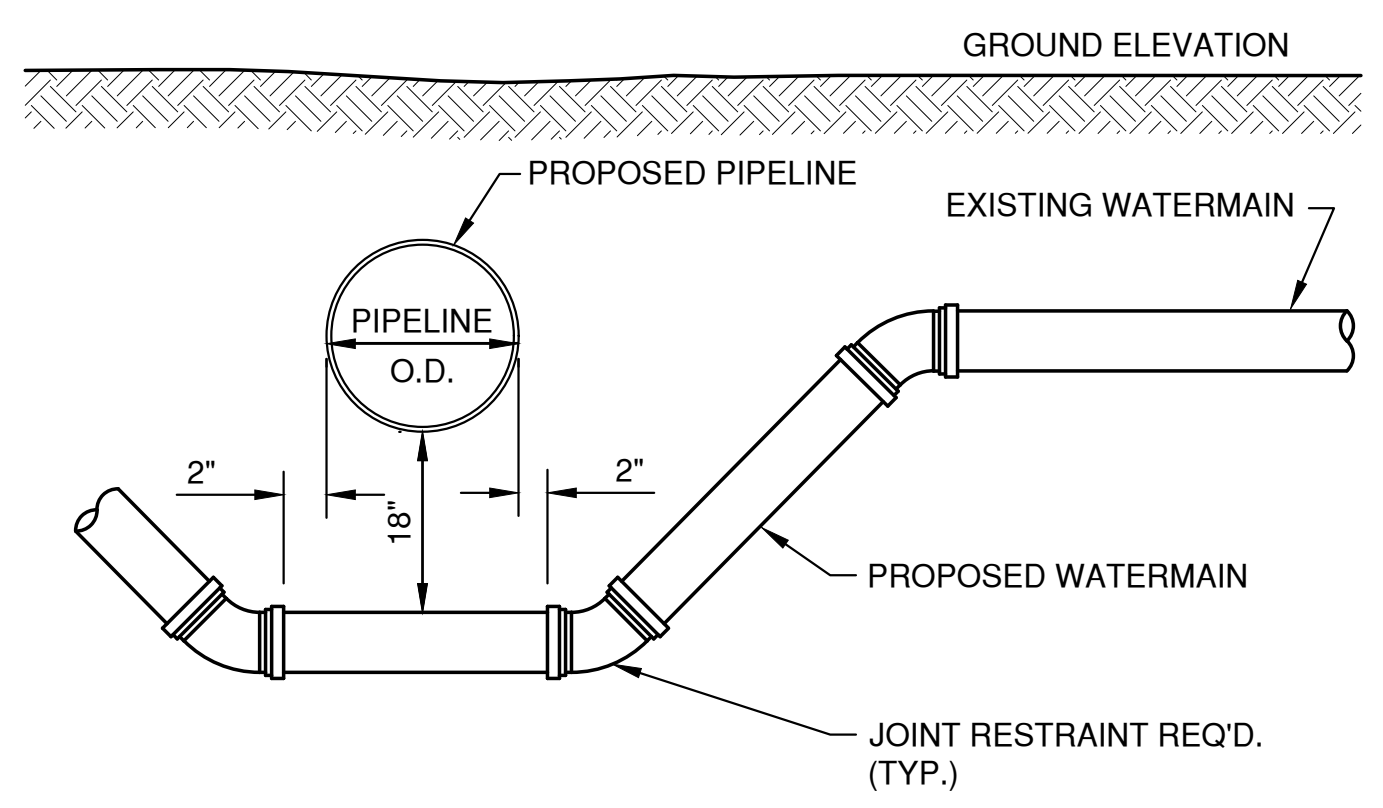
VALVE BOX SETTING



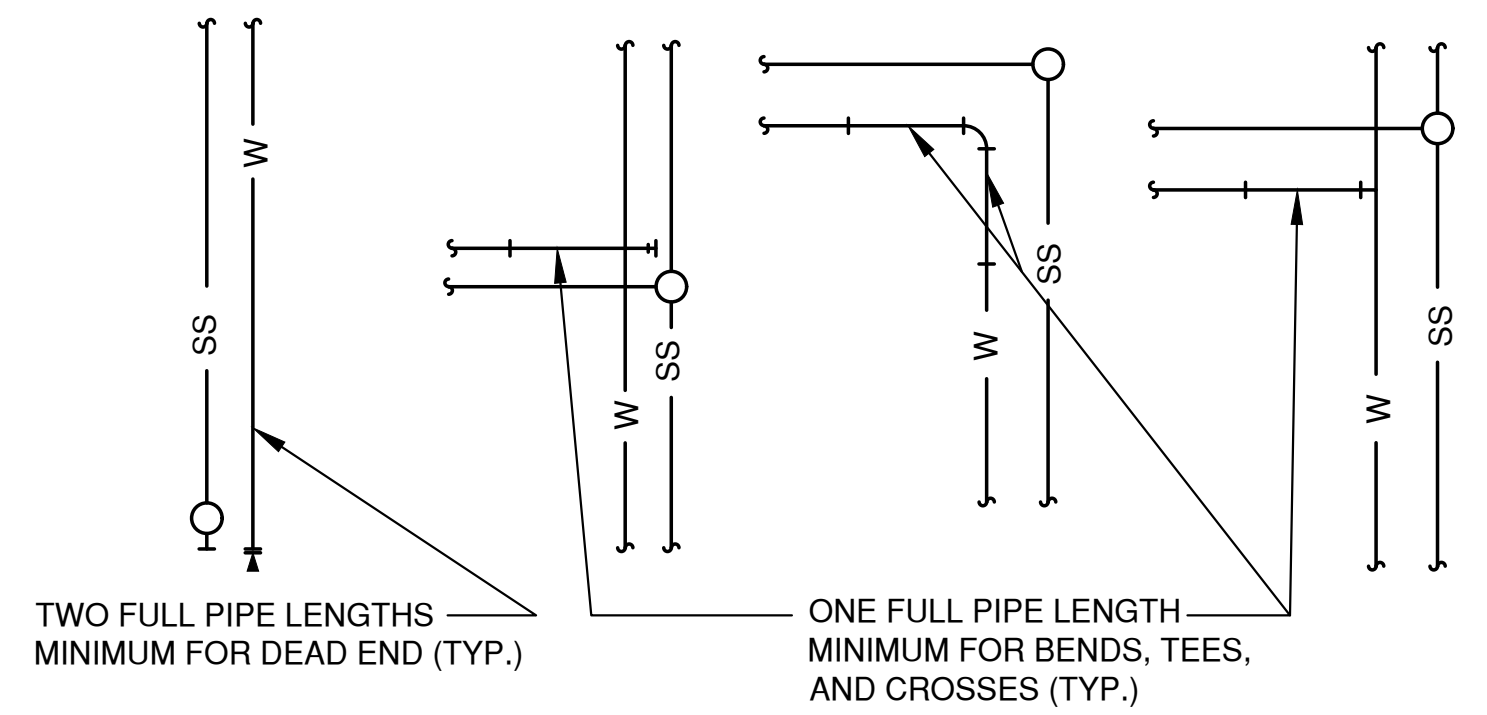
THRUST BLOCK AREA REQUIREMENTS, S.F.

DEGREE OF BEND	4" PIPE	6" PIPE	8" PIPE	10" PIPE	12" PIPE
5° TO 22.5°	1.0	1.0	2.0	3.0	4.0
23° TO 45°	1.0	2.0	4.0	6.0	8.0
46° TO 90°	2.0	4.0	7.0	11.0	15.0
TEE OR DEAD END	2.0	3.0	5.0	8.0	10.0

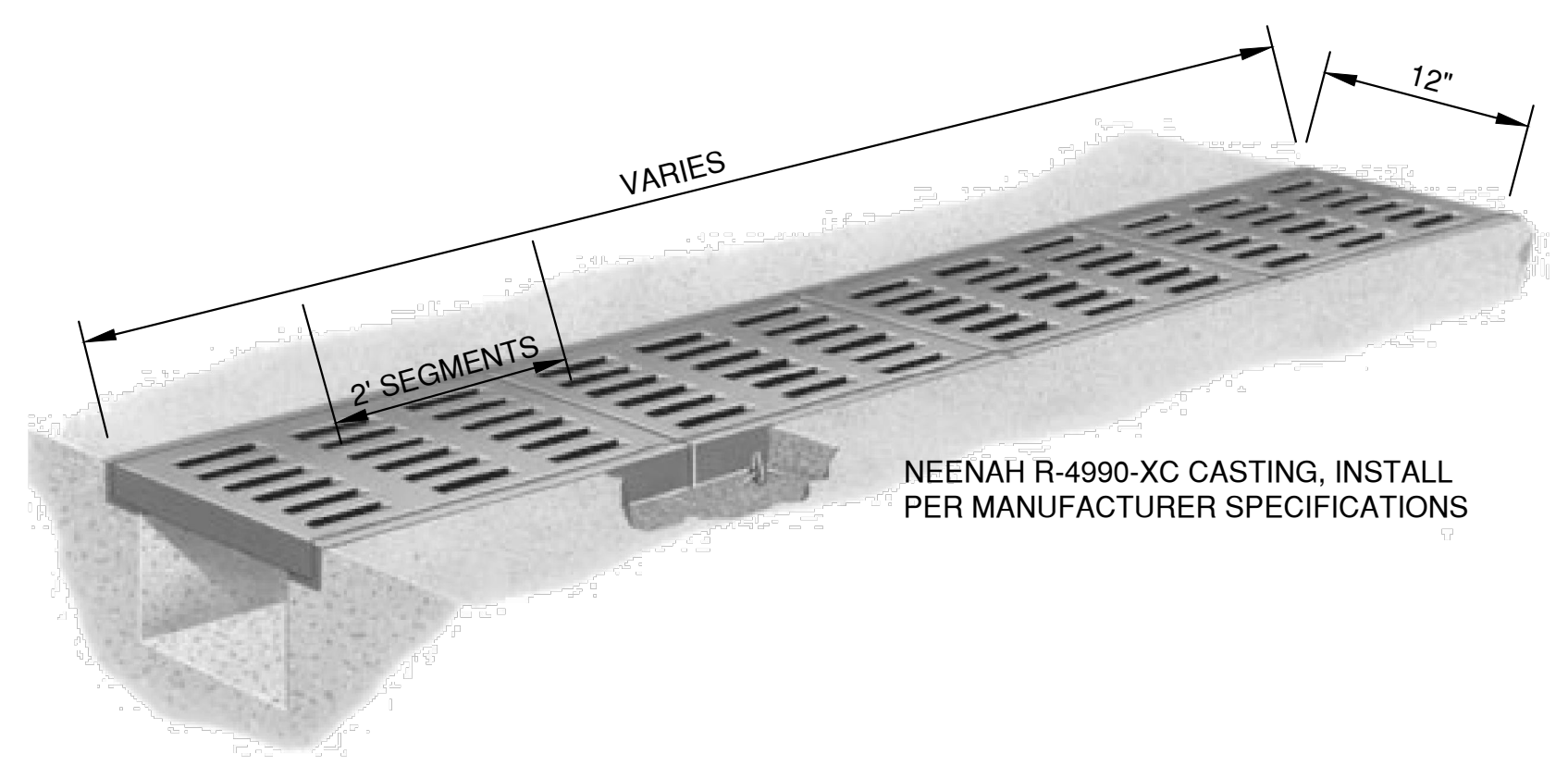
TYPICAL THRUST BLOCK



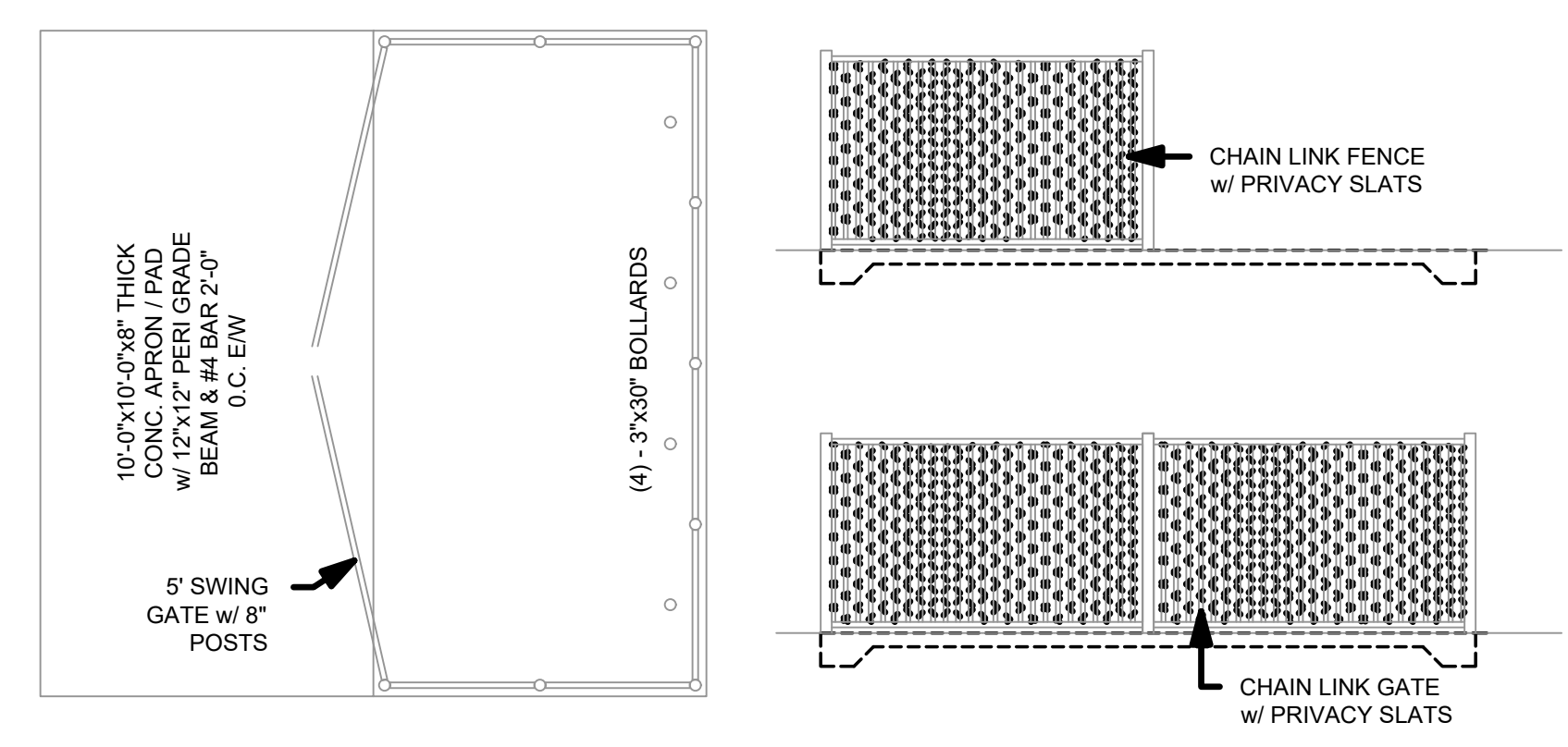
DETAIL FOR WATERMAIN OFFSET



TYPICAL WATERMAIN RESTRAINT REQUIREMENTS FOR COMMON TRENCH CONSTRUCTION



TRENCH DRAIN DETAIL



TRASH ENCLOSURE DETAIL

File: C:\Users\m560\OneDrive\Work\Projects\18330\2025474\_DET.dwg  
 Plot: D:\Users\m560\OneDrive\Work\Projects\18330\2025474\_DET.dwg  
 Date: 02/20/23 10:24:00 AM  
 User: m560

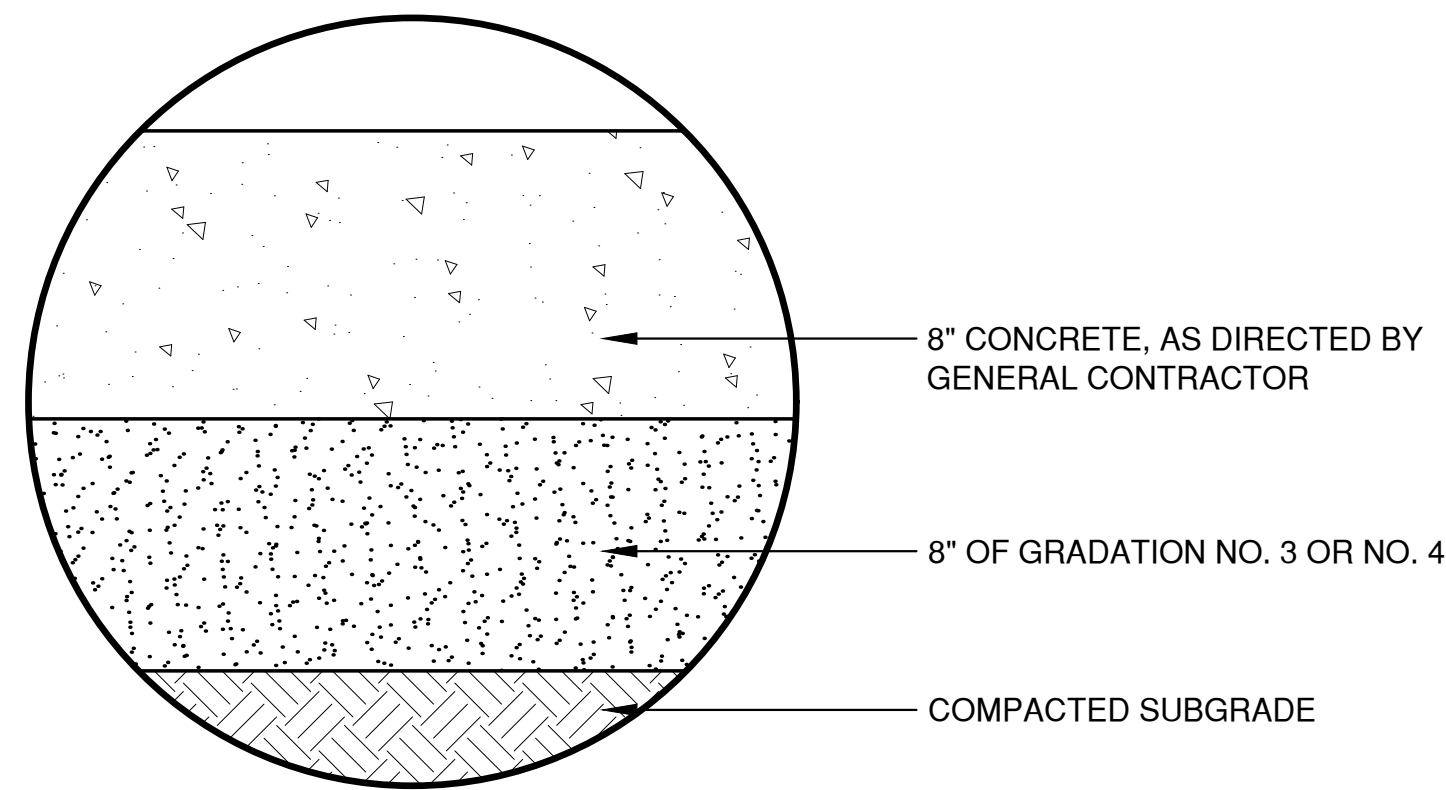
NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

DRAWN: LLP  
 CHECKED: JSS  
 DESIGNED: JSS  
 SITE DEVELOPMENT OF MARTOR USA FOR BAYLAND BUILDINGS, INC. VILLAGE OF HOBART BROWN COUNTY, WISCONSIN

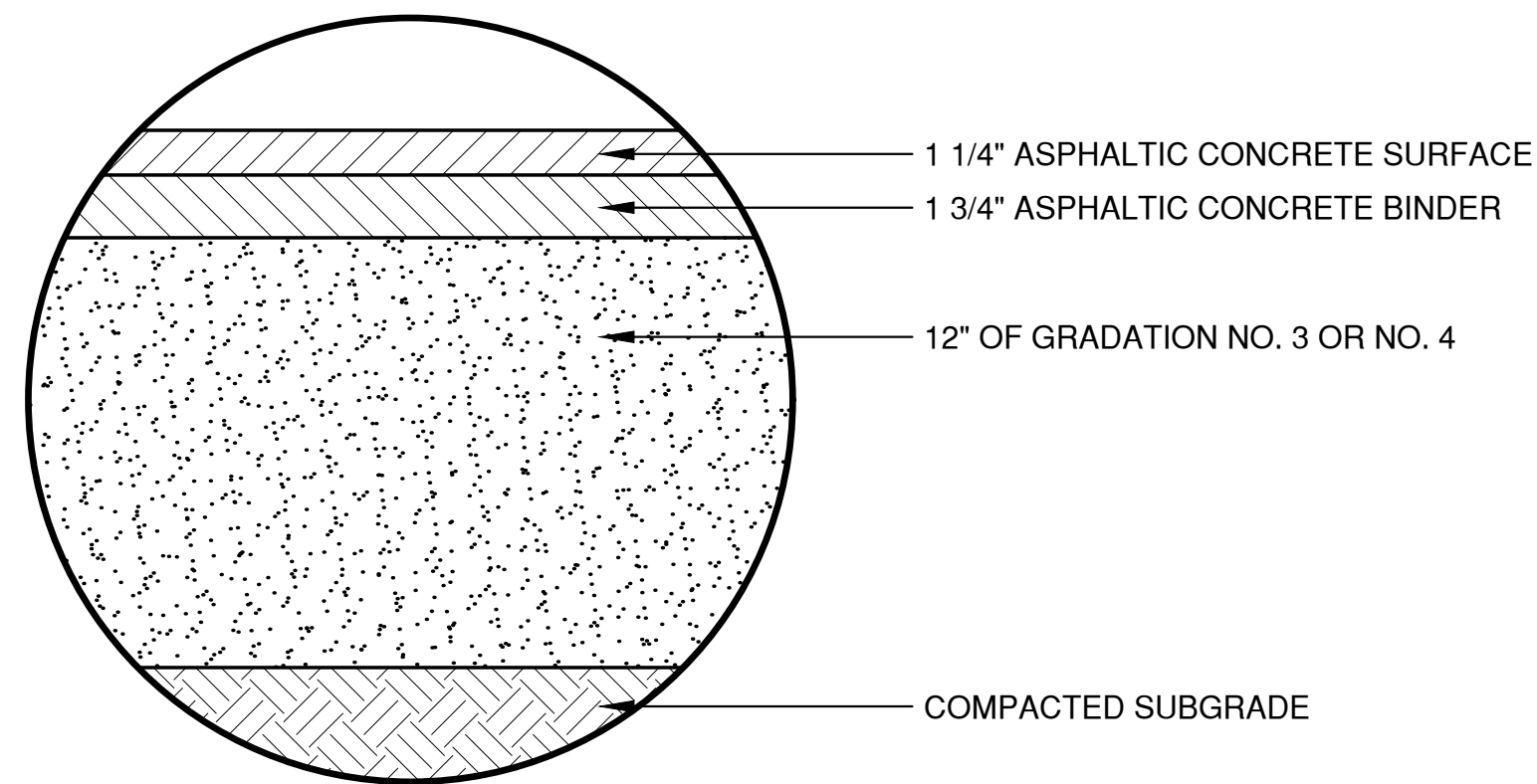
MISCELLANEOUS DETAILS

DATE: 02/20/23  
 FILE: 2025474\_DET  
 JOB NO.: 2025474

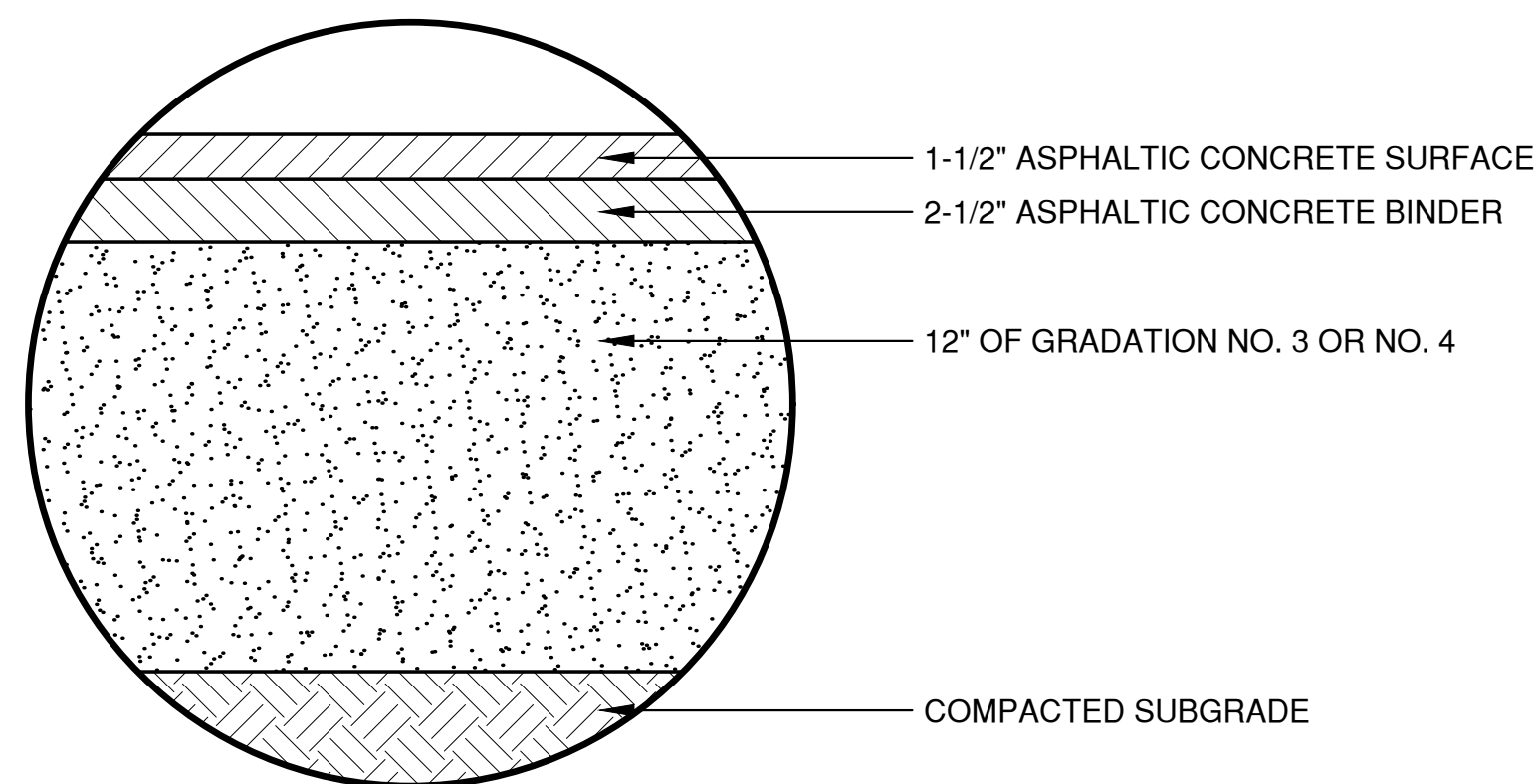
**REL Robert E. Lee & Associates, Inc.**  
 1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com



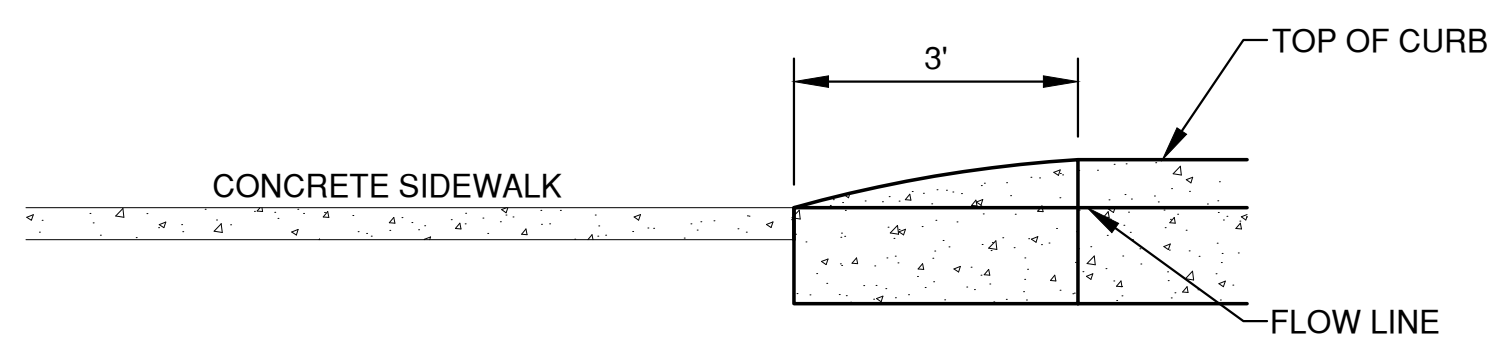
CONCRETE PAVEMENT



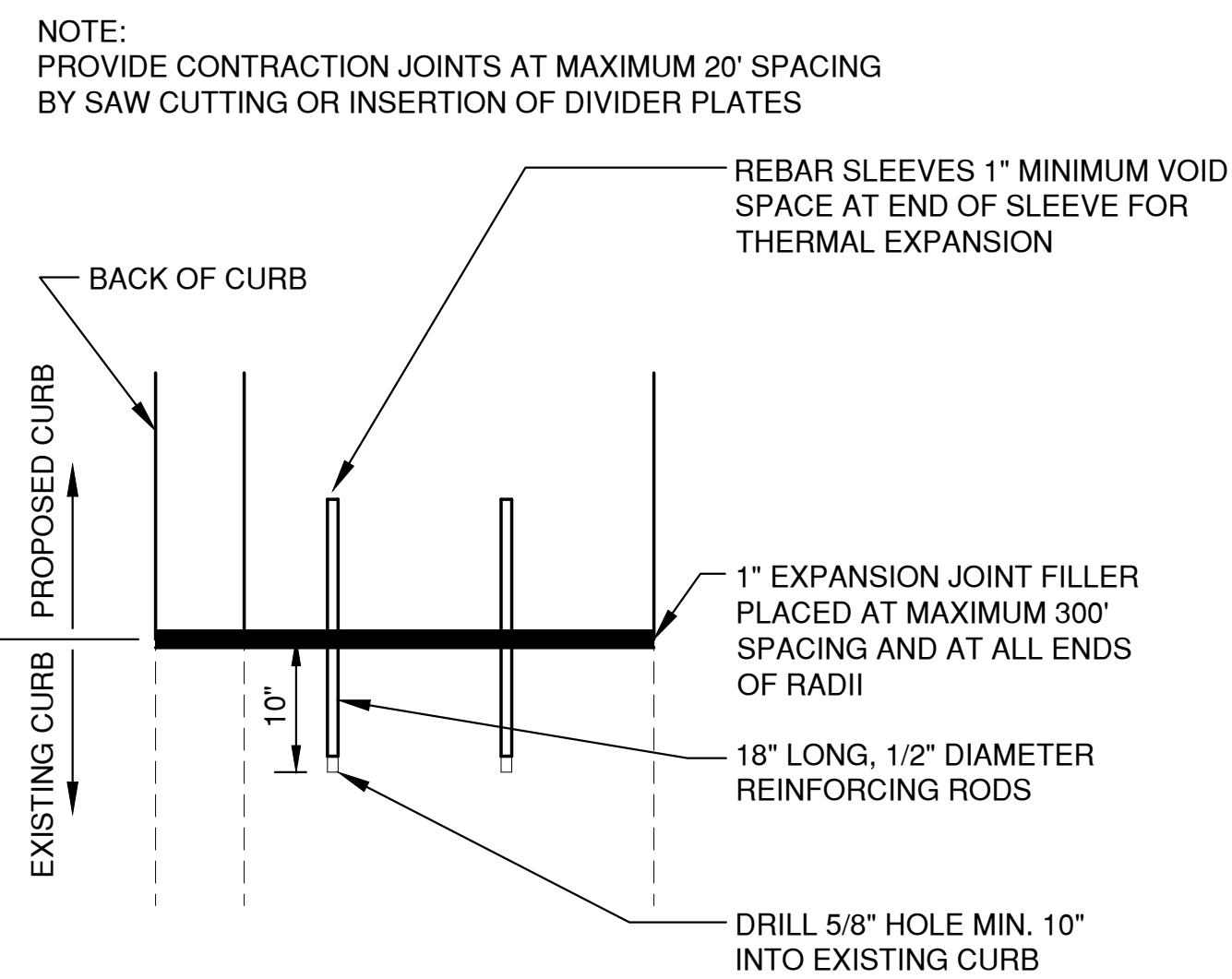
LIGHT DUTY ASPHALT PAVEMENT



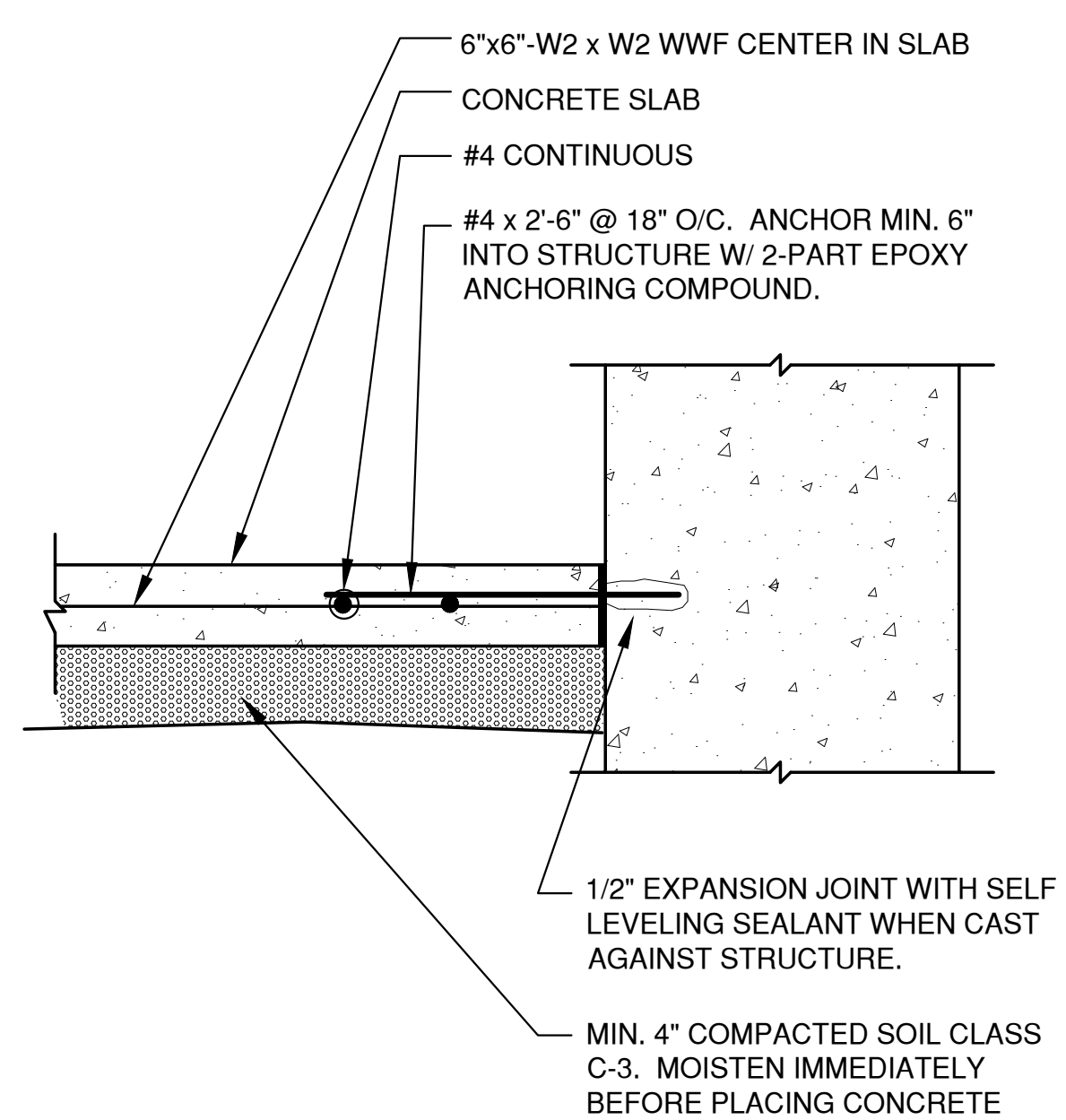
HEAVY DUTY ASPHALT PAVEMENT



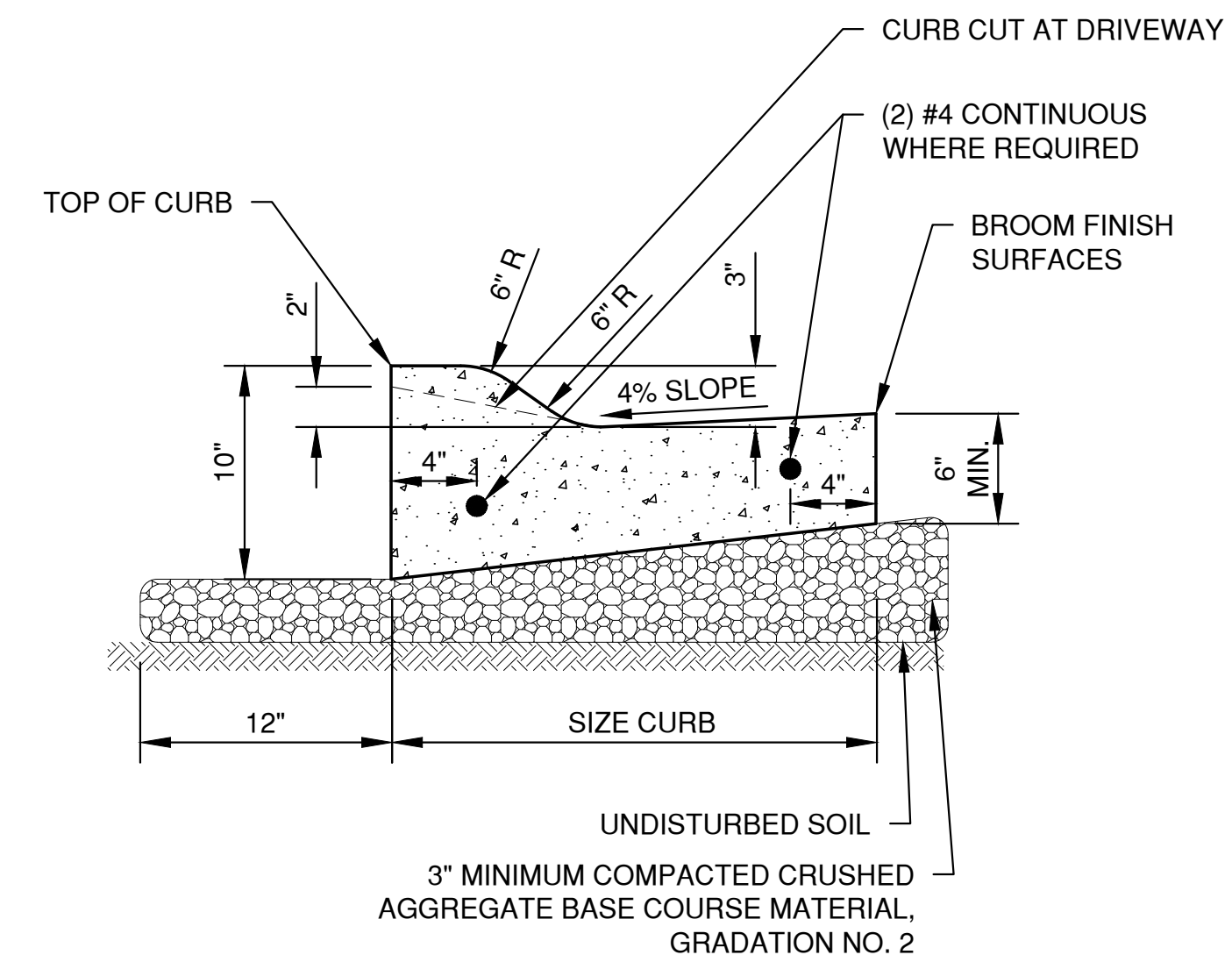
CURB TAPER DETAIL



CURB TIE-IN DETAIL  
(PROPOSED TO EXISTING)

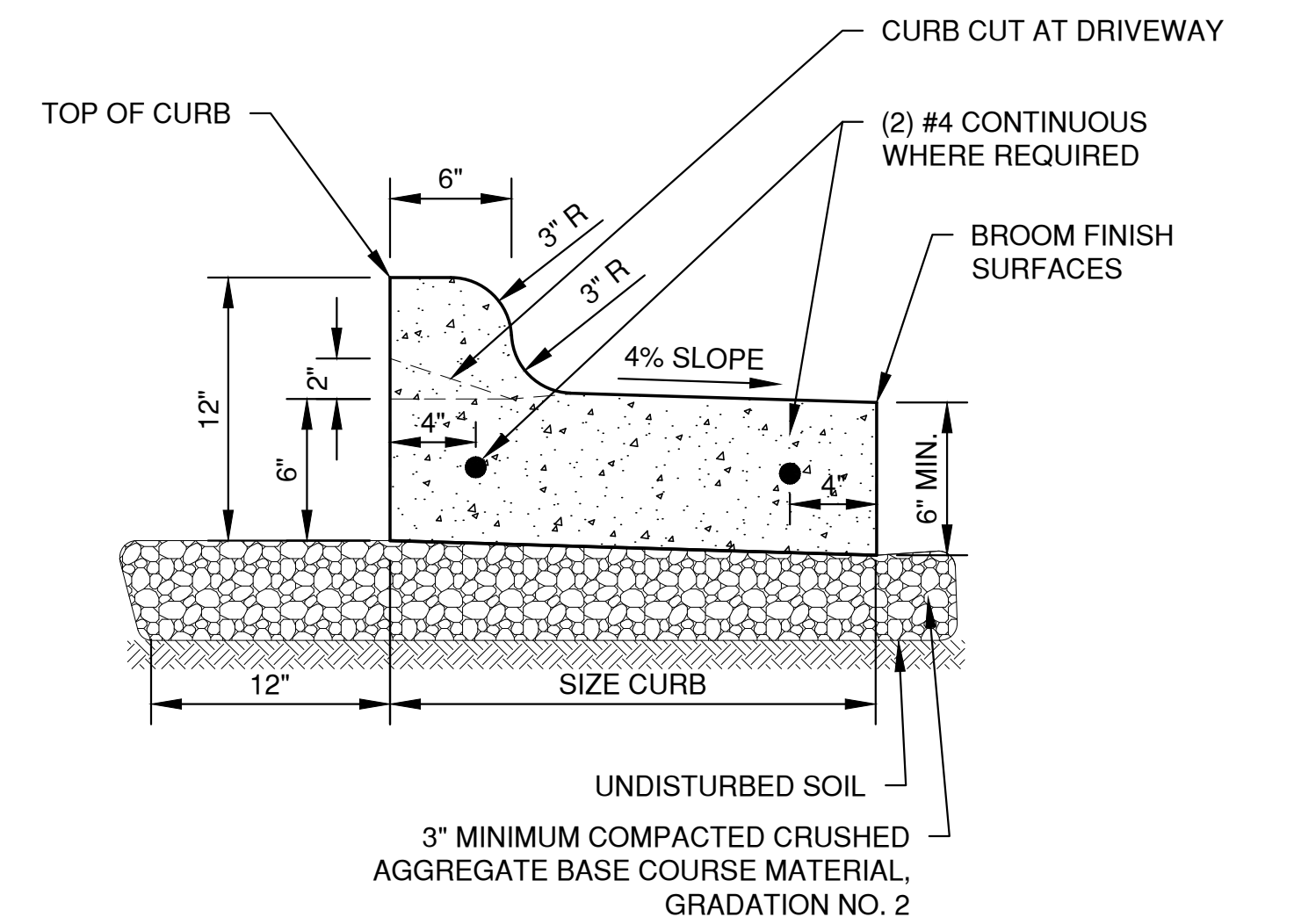


TYPICAL SIDEWALK ADJACENT TO STRUCTURE



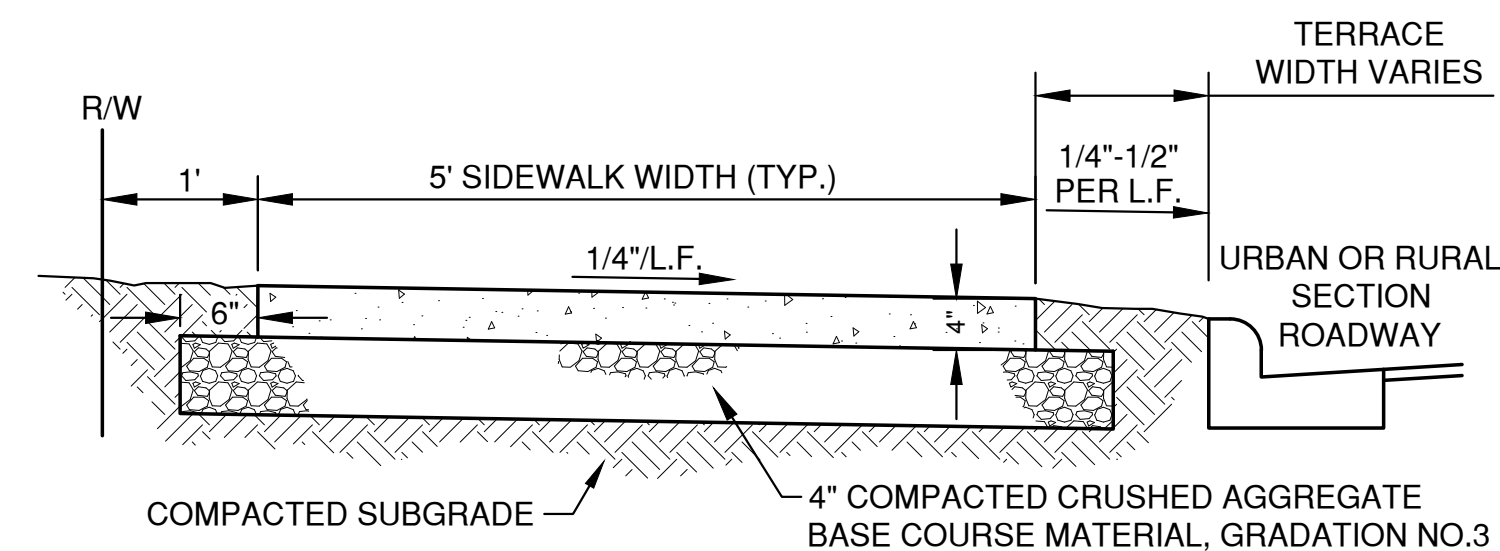
- NOTES:
- PROVIDE 1" EXPANSION JOINTS AT 300' INTERVALS OR AS SPECIFIED. PROVIDE CONTRACTION JOINTS EVERY 30' OR AS DIRECTED.
  - AT REMOVAL AND REPLACEMENT AREAS AND AT TIE-INS TO EXISTING CURB AND GUTTER, PROVIDE (2) #4 BARS, 18" LONG. DRILL AND GROUT INTO EXISTING CURB AND GUTTER 9". MATCH EXISTING SLOPE OF EXISTING GUTTER PAN.

MOUNTABLE CURB AND GUTTER

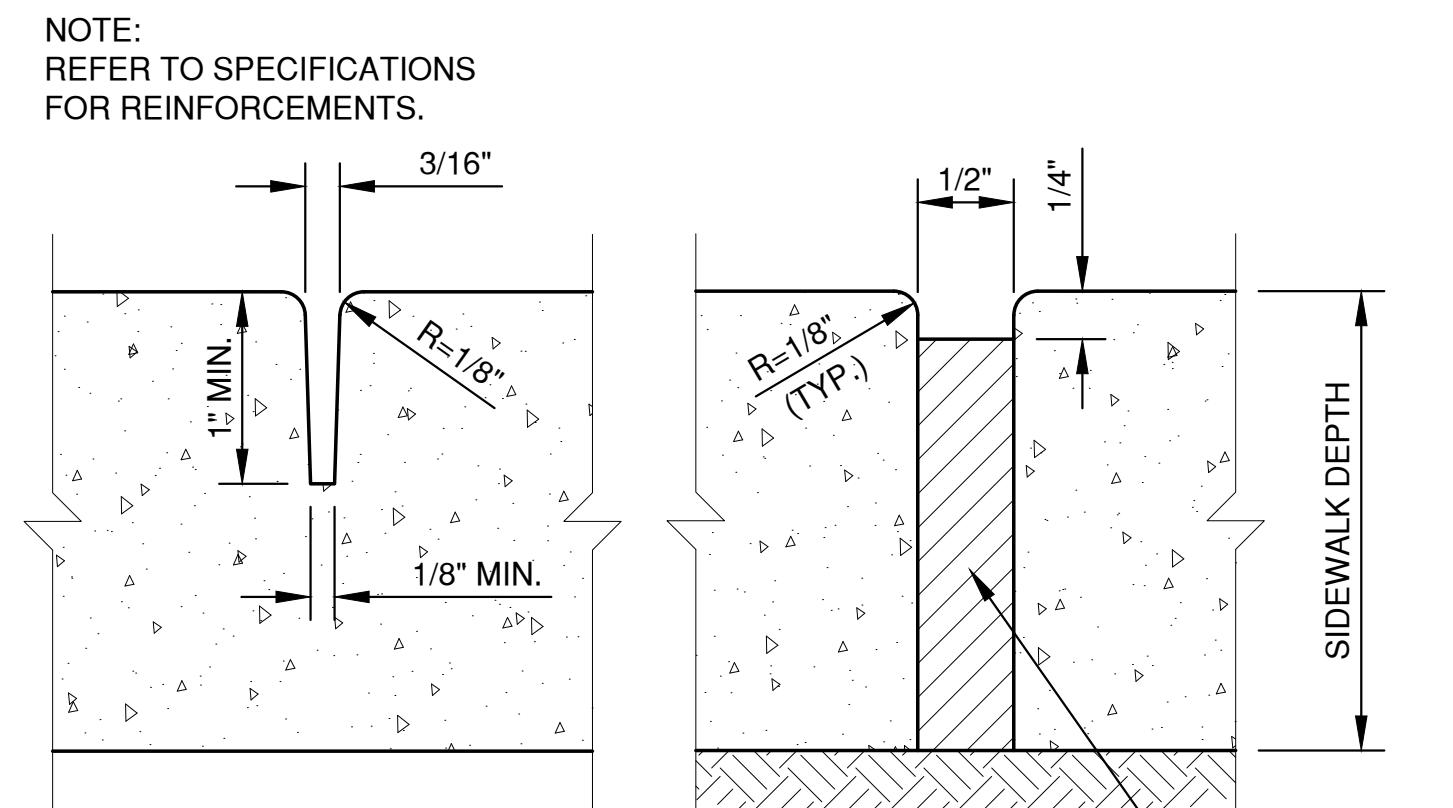


- NOTES:
- PROVIDE 1" EXPANSION JOINTS AT 300' INTERVALS OR AS SPECIFIED. PROVIDE CONTRACTION JOINTS EVERY 30' OR AS DIRECTED.
  - AT REMOVAL AND REPLACEMENT AREAS AND AT TIE-INS TO EXISTING CURB AND GUTTER, PROVIDE (2) #4 BARS, 18" LONG. DRILL AND GROUT INTO EXISTING CURB AND GUTTER 9". MATCH EXISTING SLOPE OF EXISTING GUTTER PAN.

SHEDDING CURB AND GUTTER



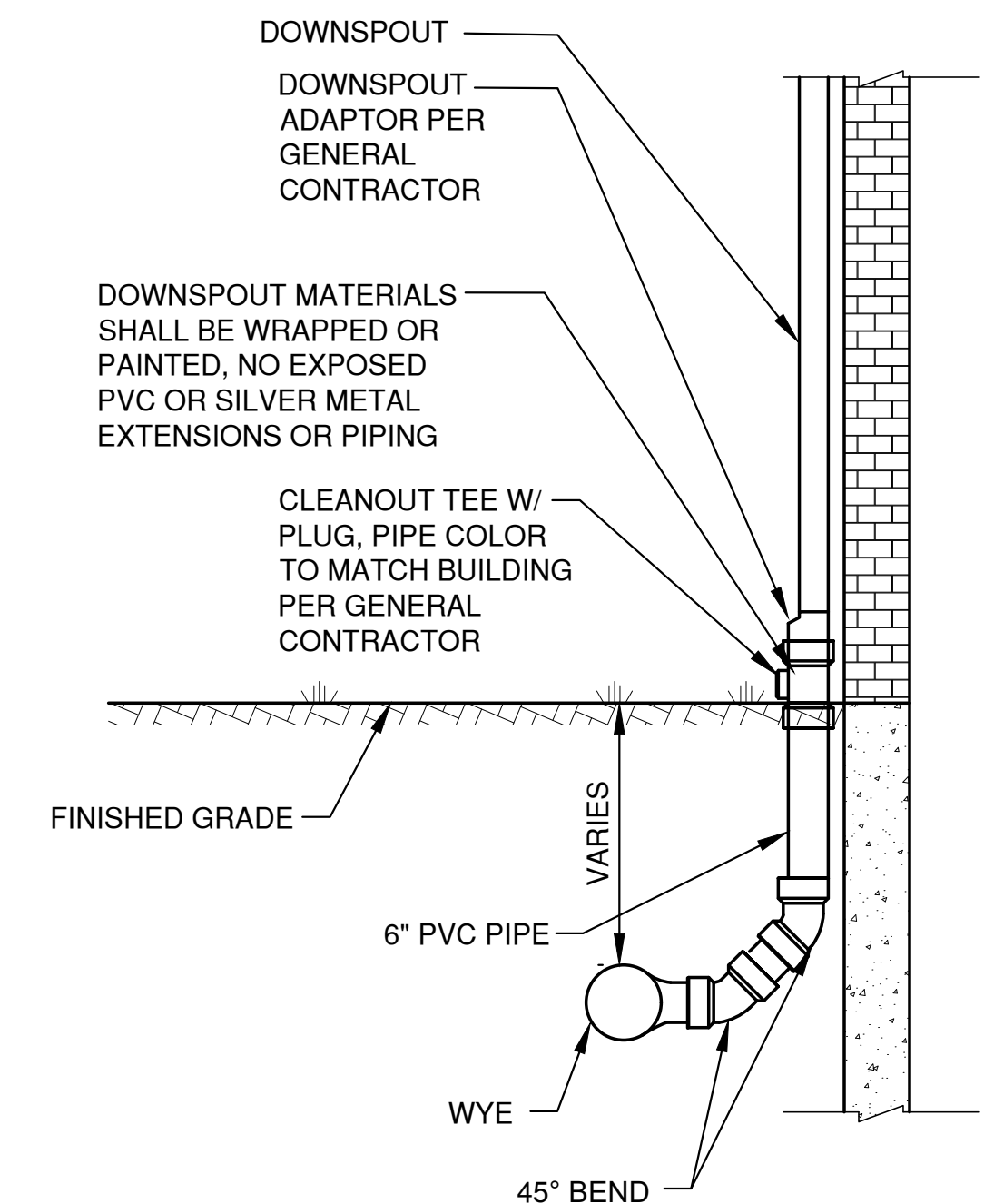
TYPICAL SECTION



TOOLED CONTRACTION JOINT      EXPANSION JOINT

WALK WIDTH	CONTRACTION JOINT SPACING		EXPANSION JOINT SPACING
	TRANSVERSE	LONGITUDINAL	
4'	4'	NOT REQ'D	100' MAX.
5'	5'	NOT REQ'D.	100' MAX.
6'	6'	NOT REQ'D.	100' MAX.
8'	4'	4'	100' MAX.
10'	5'	5'	100' MAX.
12'	6'	6'	100' MAX.

SIDEWALK DETAIL



DOWN SPOUT COLLECTOR DETAIL

File: C:\Users\m564\OneDrive\Work\Projects\18330\2025474\_DET.dwg  
 Plot Date: Feb 28, 2025 8:07 AM  
 LAYOUT: DETAILS (3)

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

DRAWN LLP  
 CHECKED  
 DESIGNED JES

SITE DEVELOPMENT OF MARTOR USA  
 FOR BAYLAND BUILDINGS, INC.  
 VILLAGE OF HOBART  
 BROWN COUNTY, WISCONSIN

MISCELLANEOUS DETAILS

DATE 02/2023  
 FILE 2025474\_DET  
 JOB NO. 2025474

**REL** Robert E. Lee & Associates, Inc.  
 1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO. 7



**NOTES:**

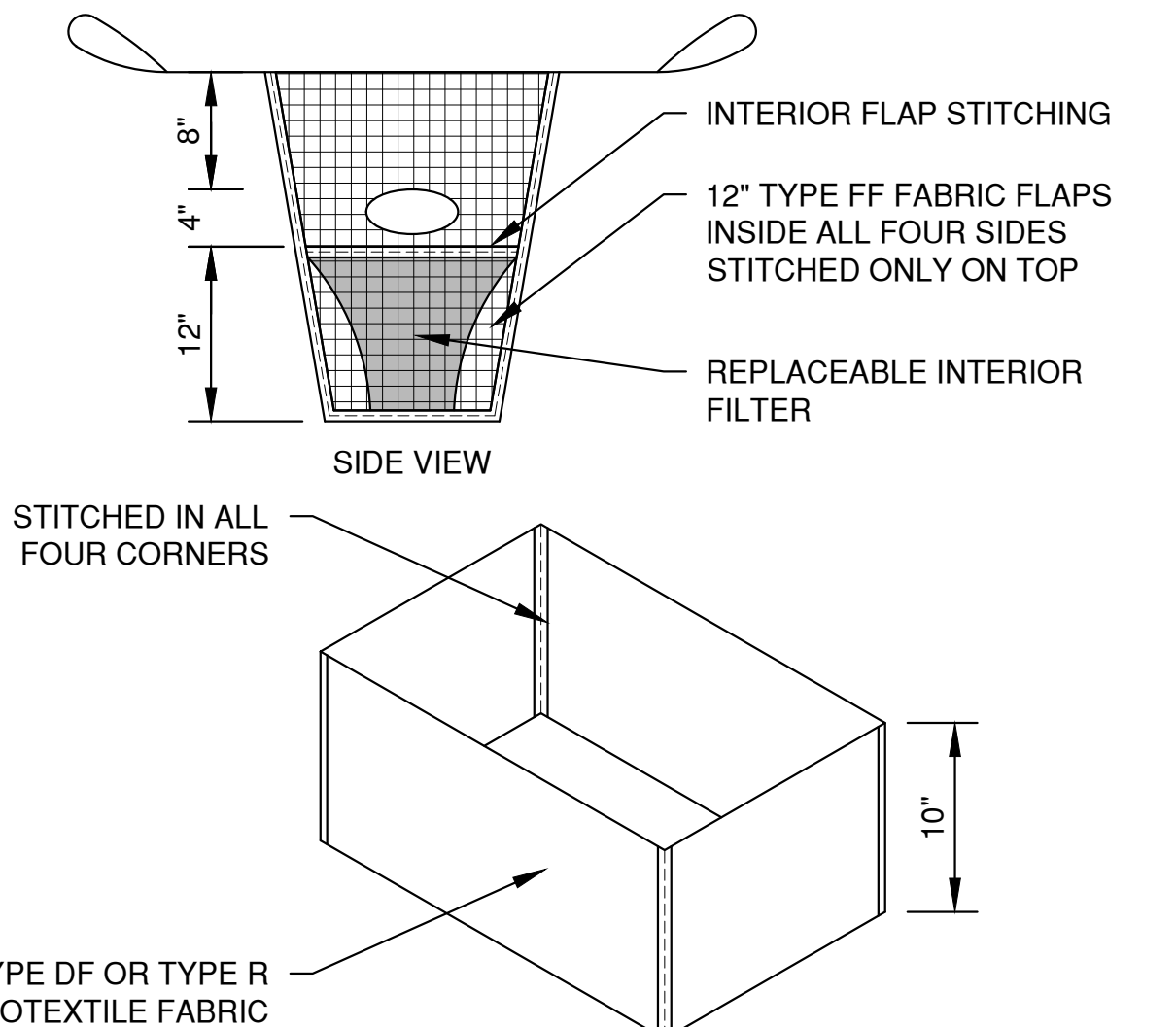
1. TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.
2. GEOTEXTILE FABRIC TYPE FF FOR FLAPS AND TOP HALF OF FILTER BAG. GEOTEXTILE FABRIC TYPE HR FOR BOTTOM HALF OF FILTER BAG. FRONT, BACK AND BOTTOM OF FILTER BAG BEING ONE PIECE.
3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
4. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" X 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.

**MAINTENANCE NOTES:**

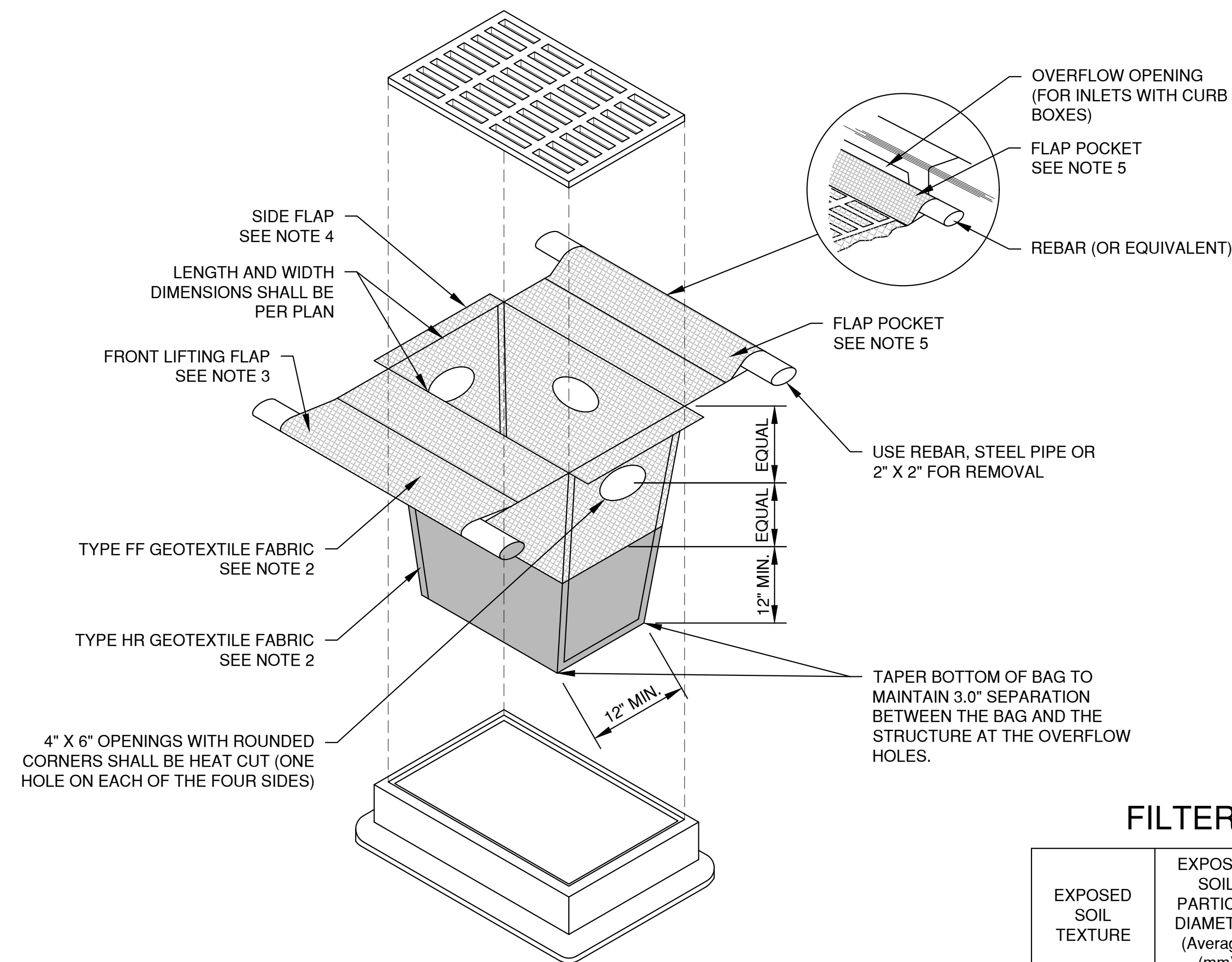
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.

**NOTES:**

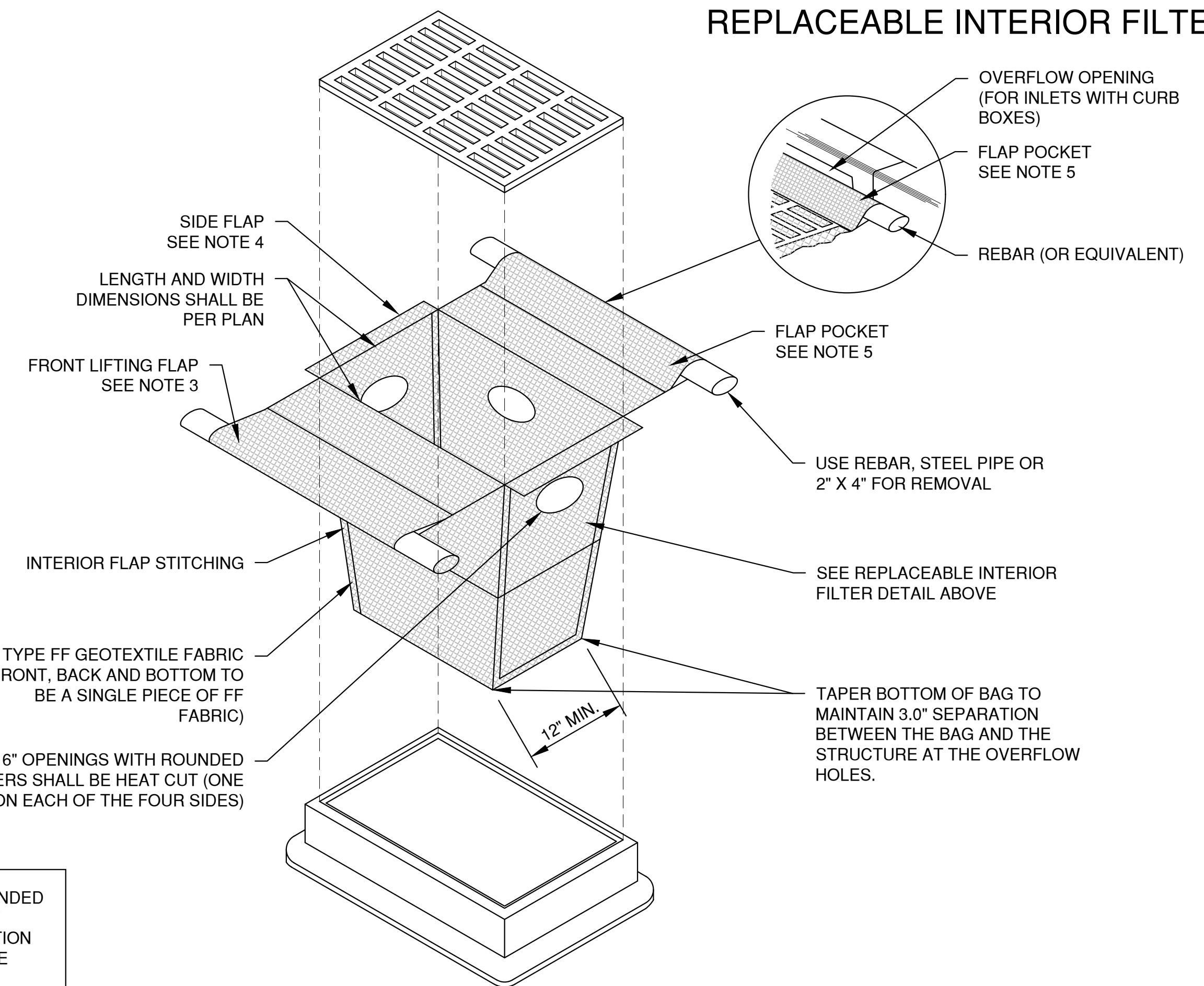
1. TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.
2. GEOTEXTILE FABRIC TYPE FF FOR FLAPS, TOP AND BOTTOM OF OUTSIDE OF FILTER BAG. FRONT, BACK AND BOTTOM OF FILTER BAG BEING ONE PIECE.
3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
4. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" X 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.



**REPLACEABLE INTERIOR FILTER**



**INLET PROTECTION, TYPE D-HR**  
(CAN BE INSTALLED IN INLETS WITH OR WITHOUT CURB BOXES)



**INLET PROTECTION, TYPE D-M**  
(CAN BE INSTALLED IN INLETS WITH OR WITHOUT CURB BOXES)

**FILTER FABRIC TYPE**

EXPOSED SOIL TEXTURE	EXPOSED SOIL PARTICLE DIAMETER (Average) (mm)	FILTER FABRIC TYPE*	RECOMMENDED INLET PROTECTION DEVICE TYPE
COARSE (SAND)	≥0.0625	FF	D, D-M
MEDIUM (SILT LOAM)	0.0624 - 0.005	DF	D, D-M
FINE (CLAY)	≤ 0.004	R	D-M
		HR	D-HR

\* DF, R OR HR FILTERS MAY BE USED WHERE FF IS THE REQUIRED MINIMUM STANDARD. R OR HR MAY BE USED WHERE DF IS THE REQUIRED MINIMUM STANDARD.

\*\* FOLLOW DESIGN CRITERIA OF WDNR TECHNICAL STANDARD 1060

LAWULE: 2. INLET PROTECTION File: P:\2020\2035\2035474\DWG\2035474\_EC.dwg Plot Date: Feb 27, 2023 9:35am

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION	DRAWN
								LLP
								CHECKED
								DESIGNED
								JGS

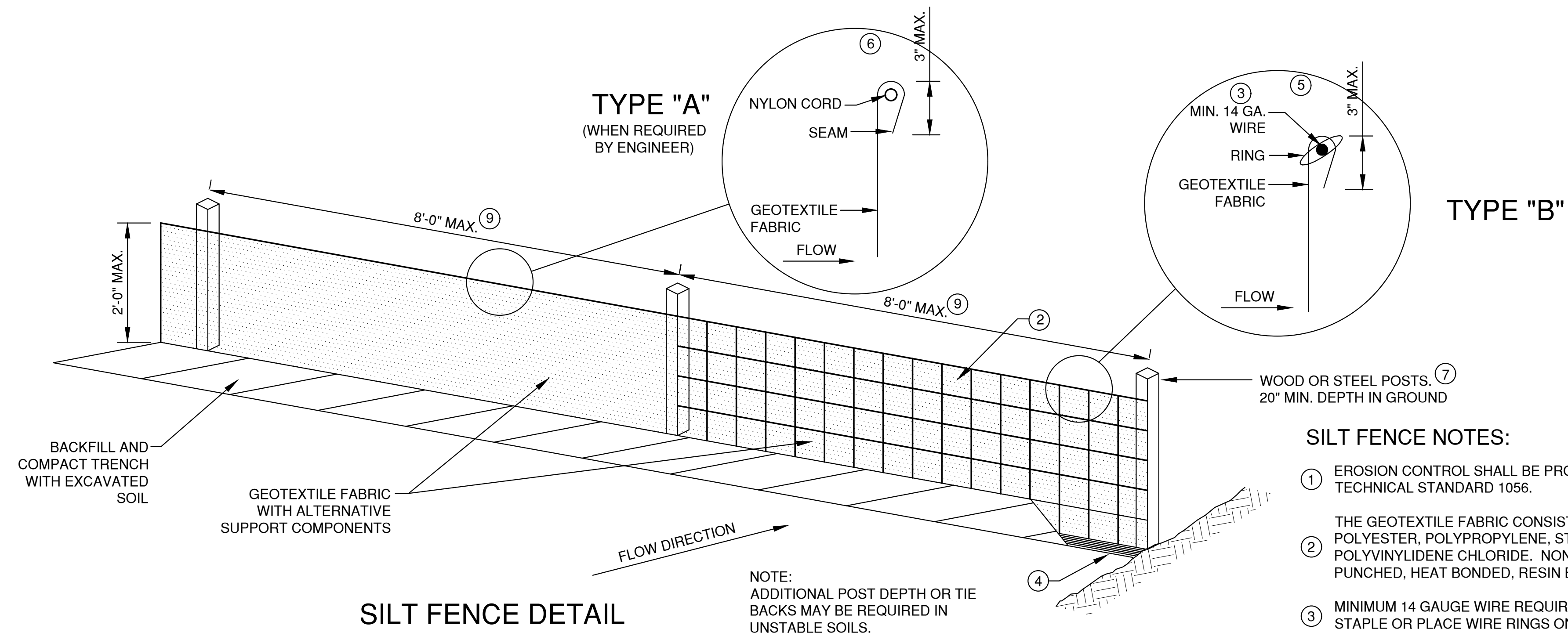
SITE DEVELOPMENT OF MARTOR USA FOR BAYLAND BUILDINGS, INC. VILLAGE OF HOBART BROWN COUNTY, WISCONSIN

EROSION CONTROL INLET PROTECTION TYPE D-HR AND TYPE D-M

DATE	02/2023
FILE	2035474_EC
JOB NO.	2035474



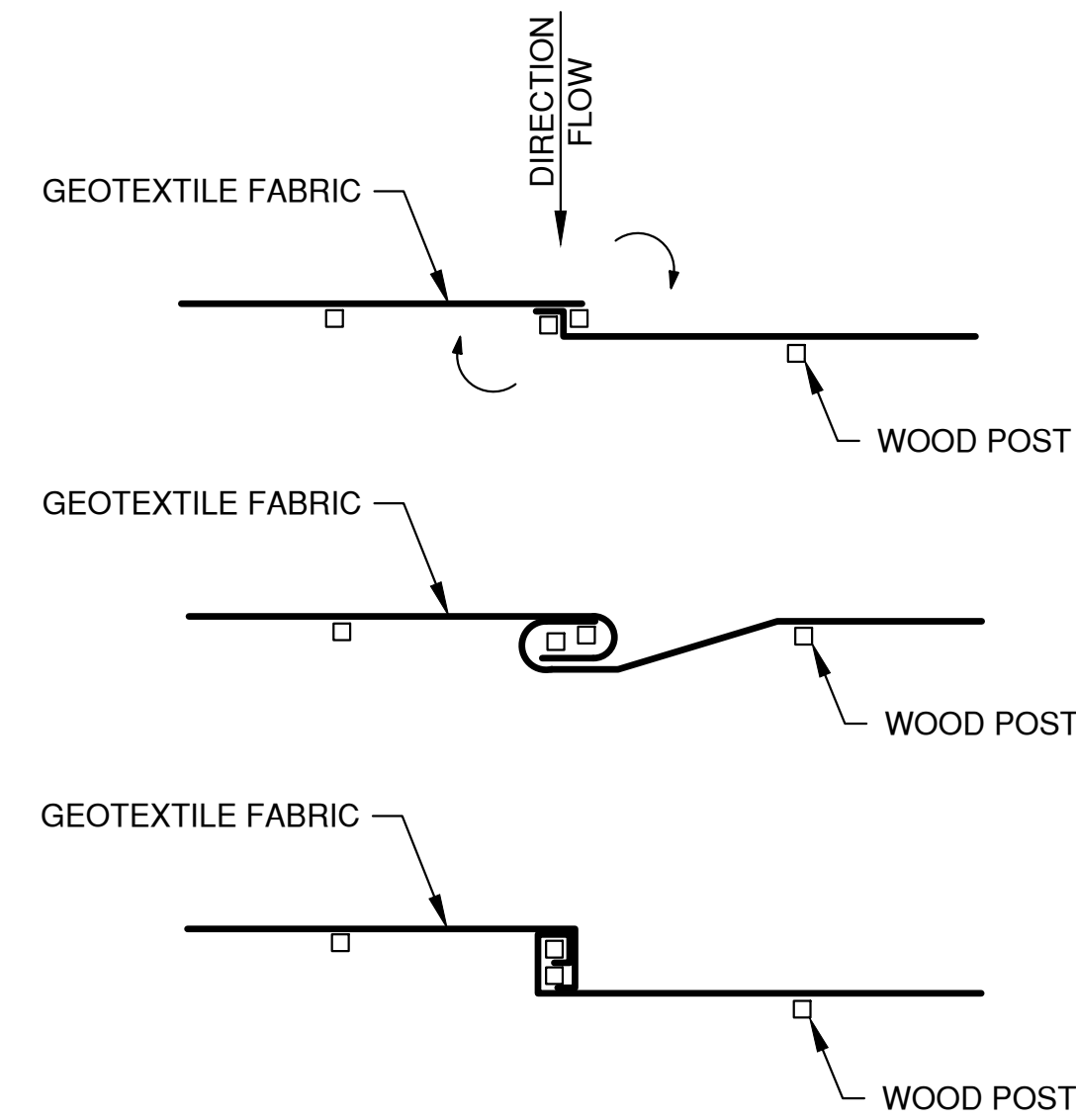




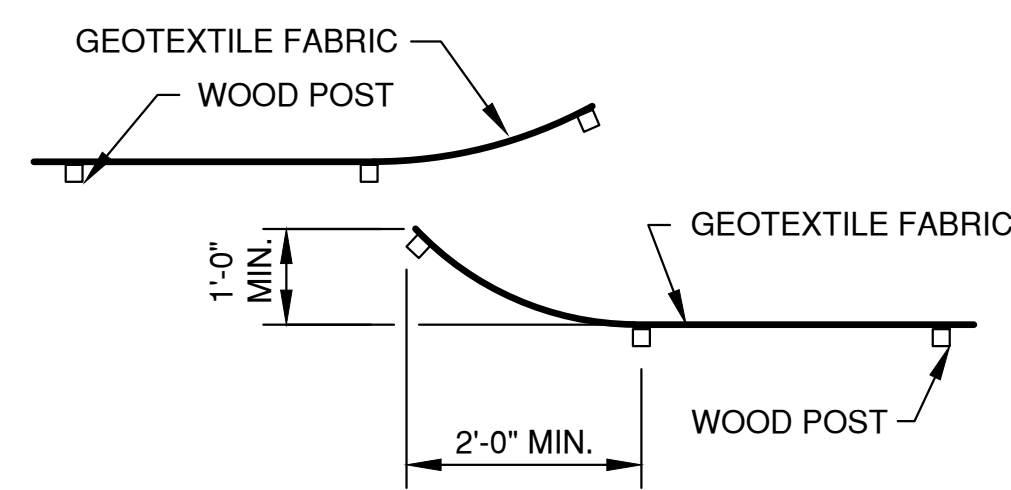
SILT FENCE DETAIL

SILT FENCE NOTES:

- ① EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1056.
- ② THE GEOTEXTILE FABRIC CONSISTS OF EITHER WOVEN OR NON-WOVEN POLYESTER, POLYPROPYLENE, STABILIZED NYLON, POLYETHYLENE OR POLYVINYLIDENE CHLORIDE. NON-WOVEN FABRIC MAY BE NEEDLE PUNCHED, HEAT BONDED, RESIN BONDED, OR COMBINATIONS THEREOF.
- ③ MINIMUM 14 GAUGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C.C.
- ④ EXCAVATE A TRENCH A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL
- ⑤ WIRE SUPPORT FENCE SHALL BE 14 GAUGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C.C. (TYPE B)
- ⑥ GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED. (TYPE A)
- ⑦ STEEL POSTS SHALL BE 5' LONG WITH A MINIMUM STRENGTH OF 1.33 LBS PER FOOT. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY. THE POSTS SHALL BE A MINIMUM OF 3' LONG FOR 24" SILT FENCE AND 4' LONG FOR 36" SILT FENCE.
- ⑧ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL, IF POSSIBLE, BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING TWO METHODS: A.) TWIST METHOD -- OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B.) HOOK METHOD -- HOOK THE END OF EACH SILT FENCE LENGTH.
- ⑨ THE MAXIMUM SPACING OF POSTS FOR WOVEN FABRIC SILT FENCE SHALL BE 8 FEET AND FOR NON-WOVEN FABRIC, 3 FEET.

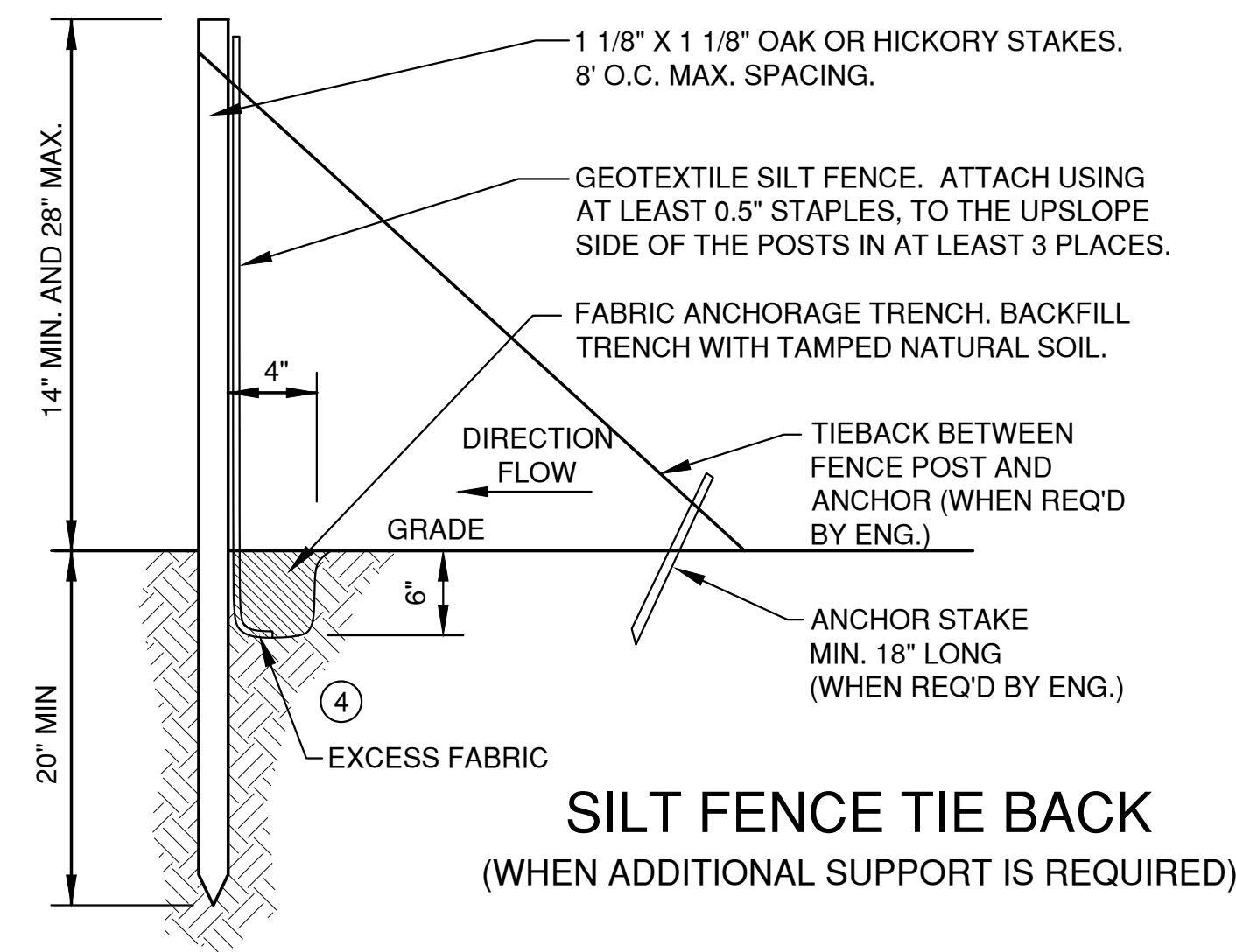


TWIST METHOD ⑧



HOOK METHOD ⑧

JOINING TWO LENGTHS OF SILT FENCE



SILT FENCE TIE BACK (WHEN ADDITIONAL SUPPORT IS REQUIRED)

EROSION CONTROL SHEET FLOW NOTES:

1. ANY SOIL STOCKPILED THAT REMAINS FOR MORE THAN 7 DAYS, SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING.
2. A MINIMUM OF 4" OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDDED OR SODDED.
3. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
4. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. **FLUSHING SHALL NOT BE ALLOWED.**
5. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.
6. FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS, OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY STABILIZATION MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING AND/OR MULCHING.
7. ALL TEMPORARY EROSION CONTROL PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED WITH 70% VEGETATION AND A NOTICE OF TERMINATION HAS BEEN APPROVED BY THE WDNR.
8. WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCH OR A TACKING AGENT MAY NEED TO BE UTILIZED TO PROTECT NEARBY RESIDENCES/WATER RESOURCES.
9. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL THE EROSION CONTROL MEASURES IN CONFORMANCE WITH THE WDNR CONSERVATION PRACTICE STANDARDS LATEST EDITION.
10. UPON COMPLETION OF STORM INLET CONSTRUCTION, INSTALL STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITE AS SPECIFIED.
11. FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM STREETS, PRIVATE DRIVES, OR PARKING AREAS BY MANUAL OR MECHANICAL SWEEPING A MINIMUM OF ONCE A WEEK AND BEFORE ALL IMMINENT RAINS
12. EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF RAINFALL OF 0.5" OR MORE.

LAWOFFICE: 4 SHEET FLOW

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

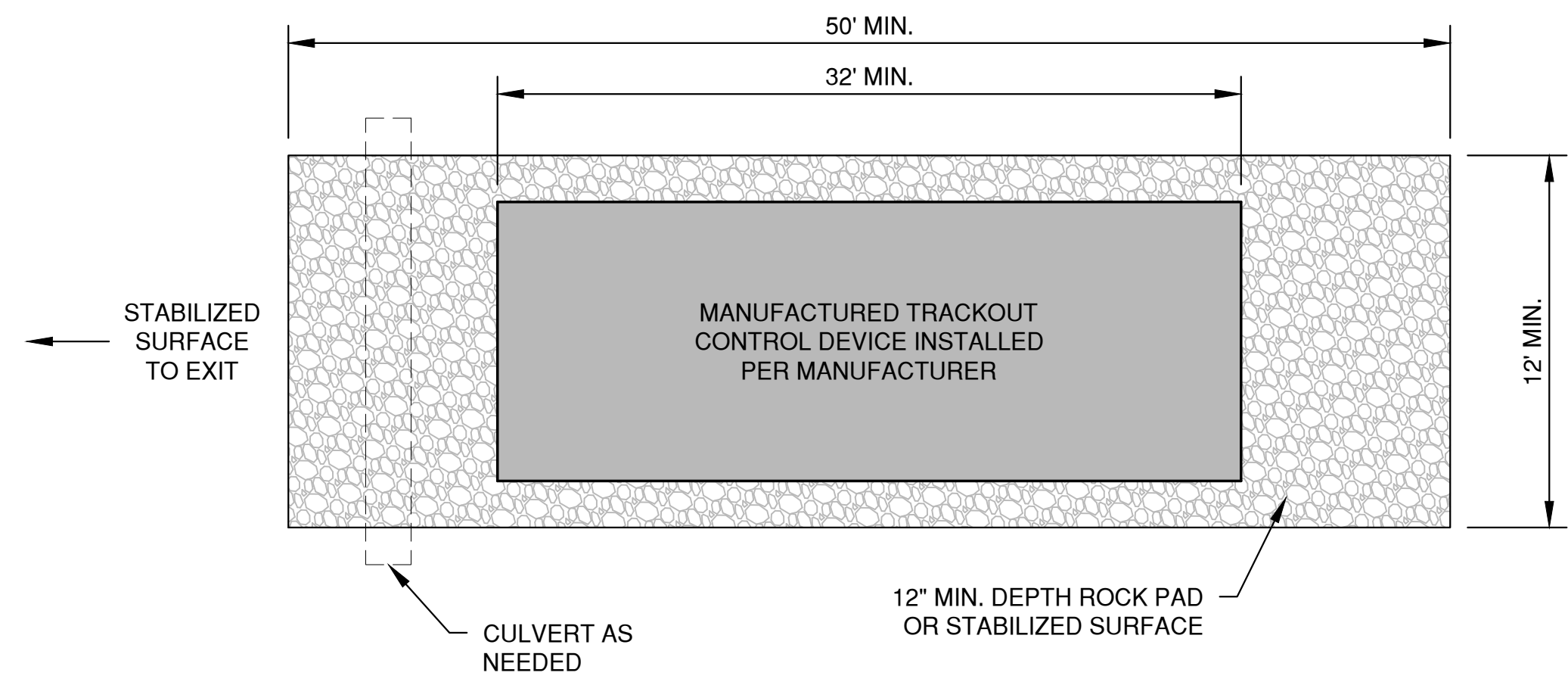
SITE DEVELOPMENT OF MARTOR USA  
FOR BAYLAND BUILDINGS, INC.  
VILLAGE OF HOBART  
BROWN COUNTY, WISCONSIN

EROSION CONTROL  
SHEET FLOW DETAILS

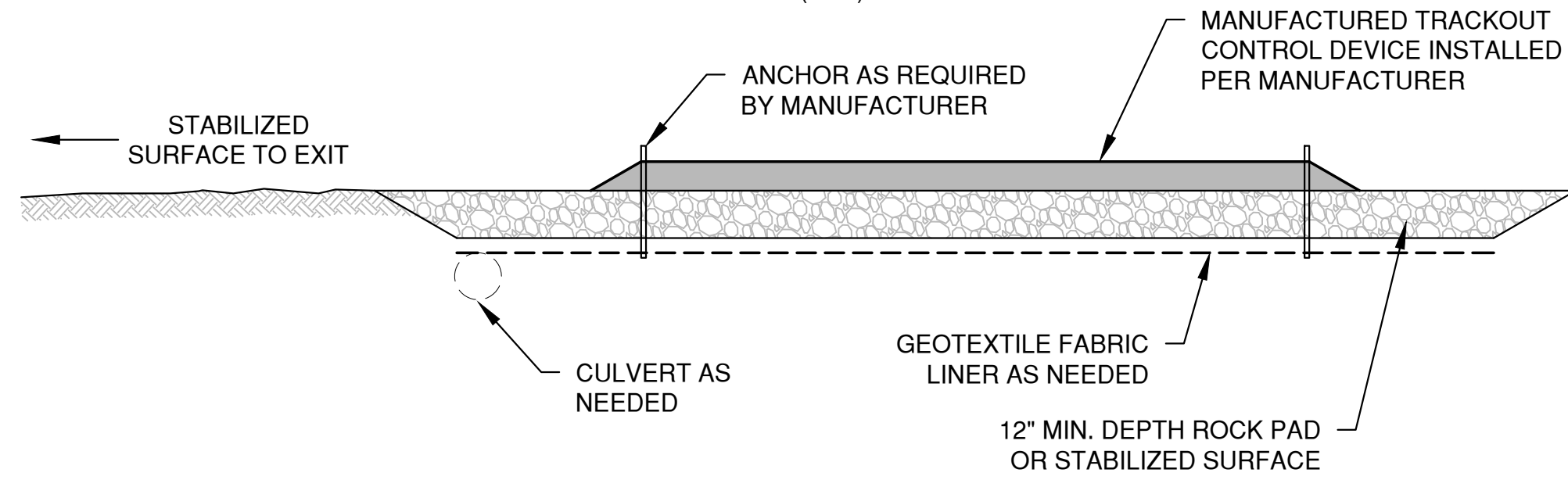
DATE	02/2023
FILE	2035474 EC
JOB NO.	2035474

**REL Robert E. Lee & Associates, Inc.**  
1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

\* TRACKOUT CONTROL TO BE PROVIDED PER DETAILS BELOW AND IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1057



PLAN VIEW  
(NTS)

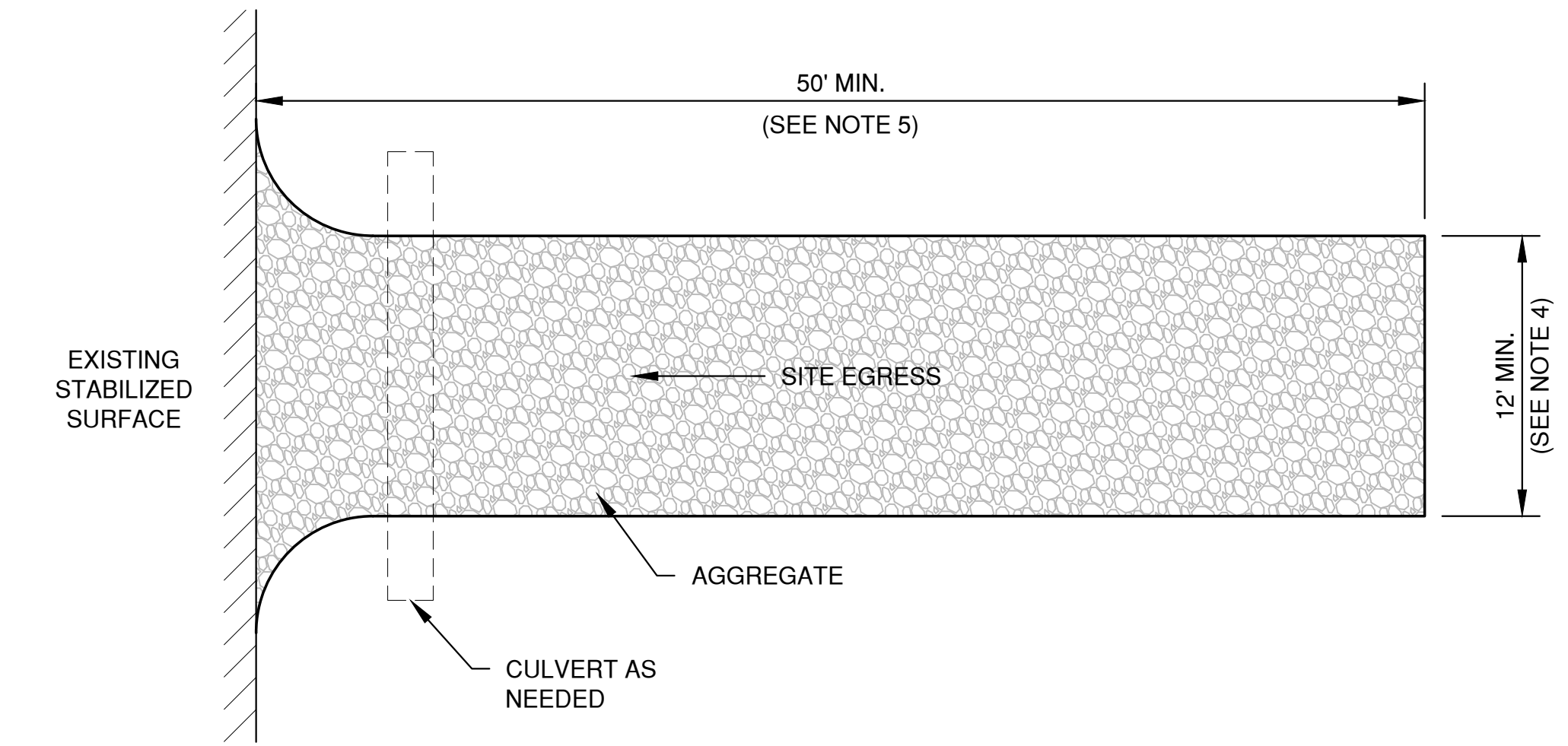


SECTION VIEW

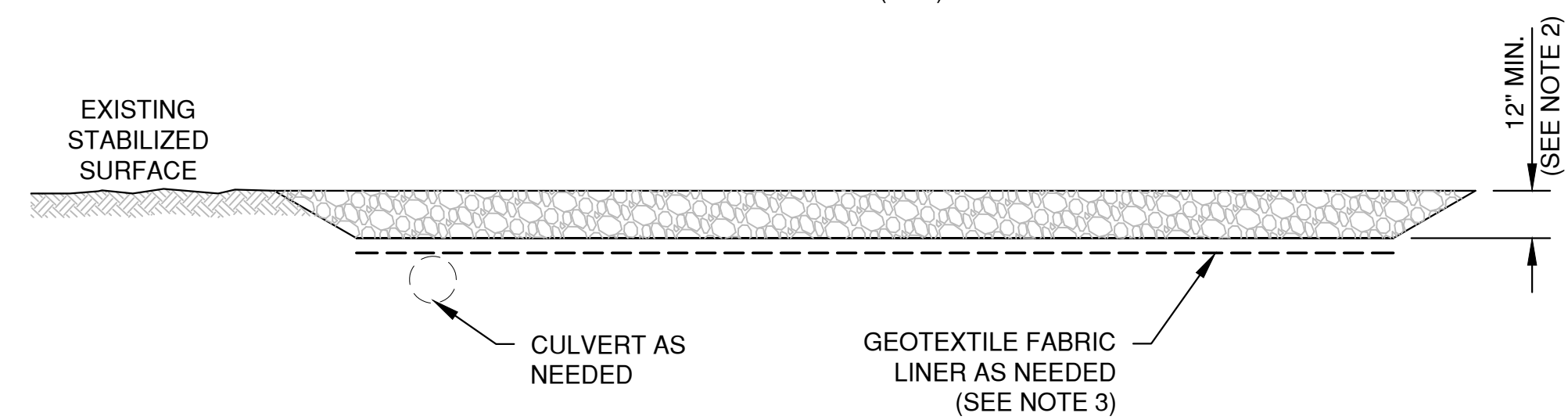
NOTES:

1. THIS DETAIL IS PROVIDED AS AN EXAMPLE. COMPLY WITH MANUFACTURER'S SPECIFICATIONS WHILE ALSO MEETING THE MINIMUM MANUFACTURED TRACKING PAD LENGTH AND WIDTH DESCRIBED IN THIS TECHNICAL STANDARD.
2. INSTALL SUCH THAT RUNOFF FLOWS TO AN APPROVED TREATMENT PRACTICE.
3. A THINNER STONE LAYER OR OTHER STABLE SURFACE MAY BE ACCEPTABLE SUCH THAT RUTTING IS MINIMIZED AS VEHICLES MOUNT OR DISMOUNT FROM THE MANUFACTURERS TRACKOUT CONTROL DEVICE.
4. SELECT FABRIC TYPE BASED ON SOIL CONDITIONS AND VEHICLES LOADING.
5. DIRECT ALL EXISTING VEHICLES OVER MANUFACTURED TRACKOUT CONTROL DEVICE. STONE TRACKING PAD INSTALLATION ACROSS REMAINING ACCESS WIDTH IS RECOMMENDED. A 12" MINIMUM CAN BE USED WHEN EXITING TRAFFIC IS RESTRICTED TO A DEDICATED EGRESS LANE.
6. IF MINIMUM INSTALLATION LENGTH IS NOT POSSIBLE DUE TO SITE GEOMETRY, INSTALL THE MAXIMUM LENGTH PRACTICABLE AND SUPPLEMENT WITH ADDITIONAL PRACTICES AS NEEDED.
7. ACCOMMODATE EXITING VEHICLES IN EXCESS OF MANUFACTURED TRACKOUT CONTROL DEVICE WEIGHT CAPACITY WITH OTHER TREATMENT PRACTICES.

MANUFACTURED TRACKOUT CONTROL DETAIL



PLAN VIEW  
(NTS)



SECTION VIEW

NOTES:

1. USE HARD, DURABLE, ANGULAR STONE OR RECYCLED CONCRETE, MEETING THE FOLLOWING GRADATION:

SIEVE SIZE:	PERCENT BY WEIGHT PASSING:
3"	100
2 1/2"	90-100
1 1/2"	25-60
3/4"	0-20
3/8"	0-5
2. SLOPE THE STONE TRACKING PAD IN A MANNER TO DIRECT RUNOFF TO AN APPROVED TREATMENT PRACTICE.
3. SELECT FABRIC TYPE BASED ON SOIL CONDITIONS AND VEHICLES LOADING.
4. INSTALL TRACKING PAD ACROSS FULL WIDTH OF THE ACCESS POINT, OR RESTRICT EXISTING TRAFFIC TO A DEDICATED EGRESS LANE AT LEAST 12 FEET WIDE ACROSS THE TOP OF THE PAD.
5. IF A 50' PAD LENGTH IS NOT POSSIBLE DUE TO SITE GEOMETRY, INSTALL THE MAXIMUM LENGTH PRACTICABLE AND SUPPLEMENT WITH ADDITIONAL PRACTICES AS NEEDED.

STONE TRACKING PAD DETAIL

File: P:\2020\2035\2035474\DWG\2035474\_EC.dwg  
 Plot Date: Feb 27, 2023 9:53am  
 Layout: 5\_TRACKOUT

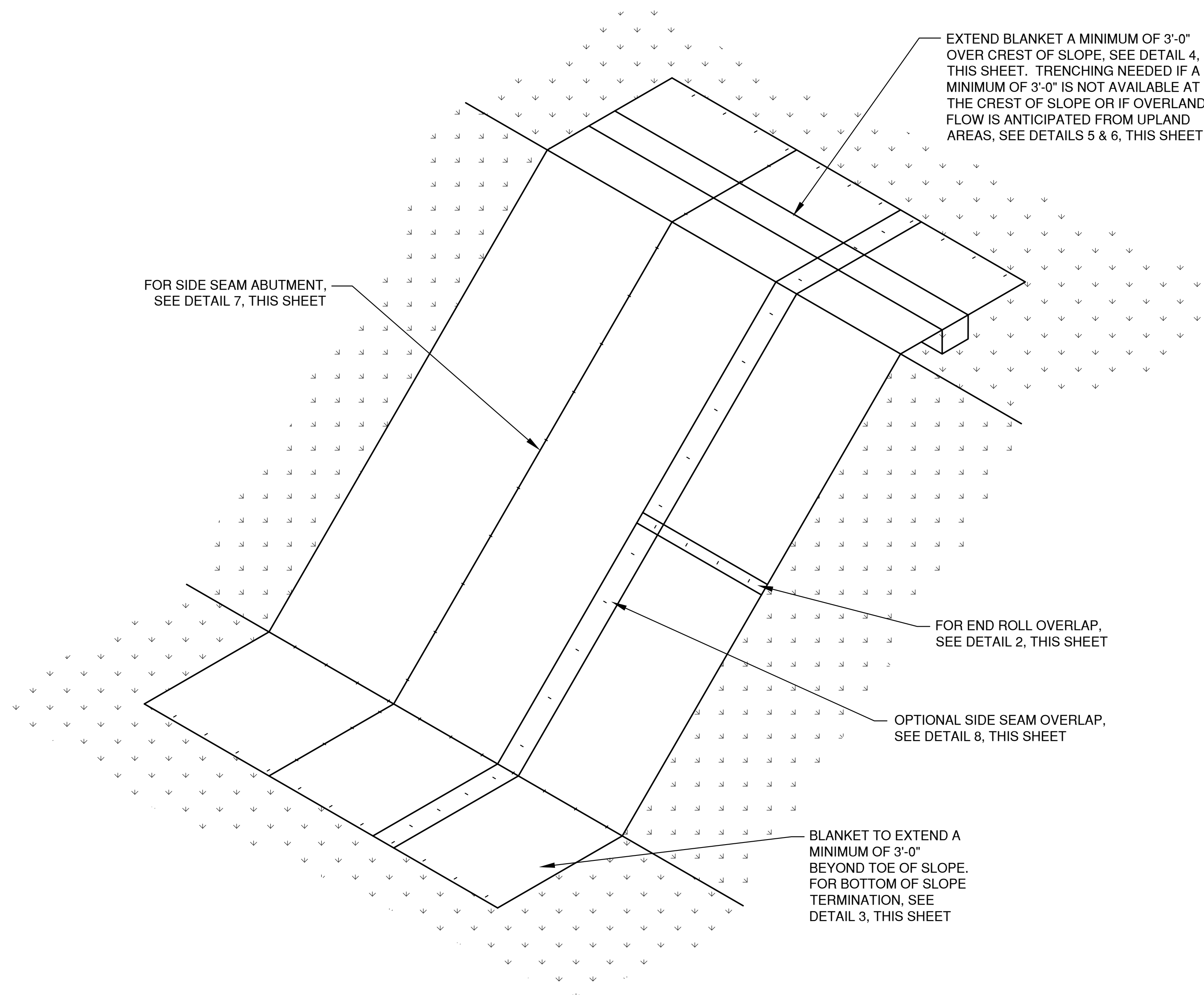
NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

DRAWN: LLP  
 CHECKED: \_\_\_\_\_  
 DESIGNED: JGS  
 SITE DEVELOPMENT OF MARTOR USA  
 FOR BAYLAND BUILDINGS, INC.  
 VILLAGE OF HOBART  
 BROWN COUNTY, WISCONSIN

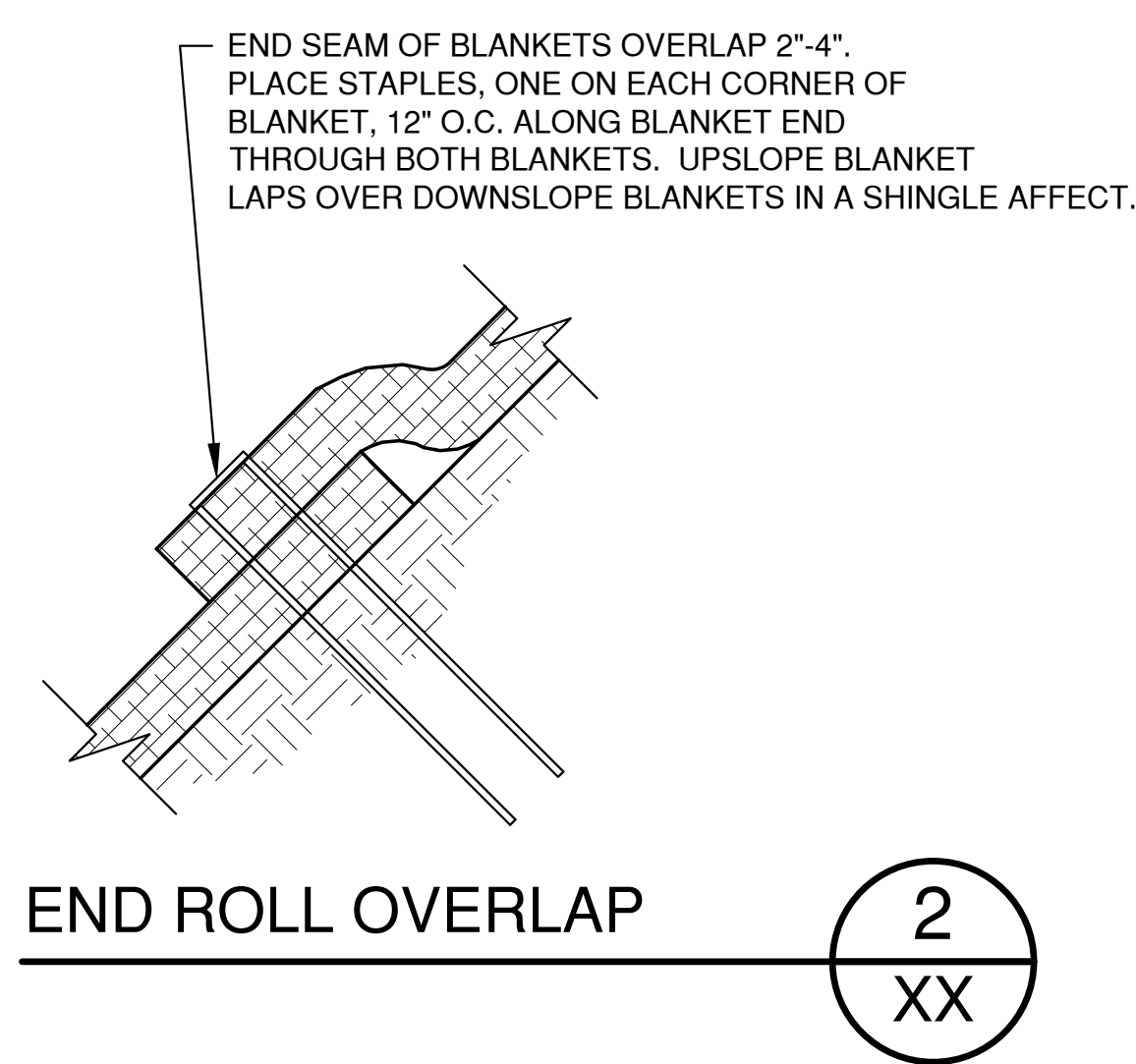
EROSION CONTROL  
 TRACKOUT CONTROL PRACTICES

DATE	02/2023
FILE	2035474_EC
JOB NO.	2035474

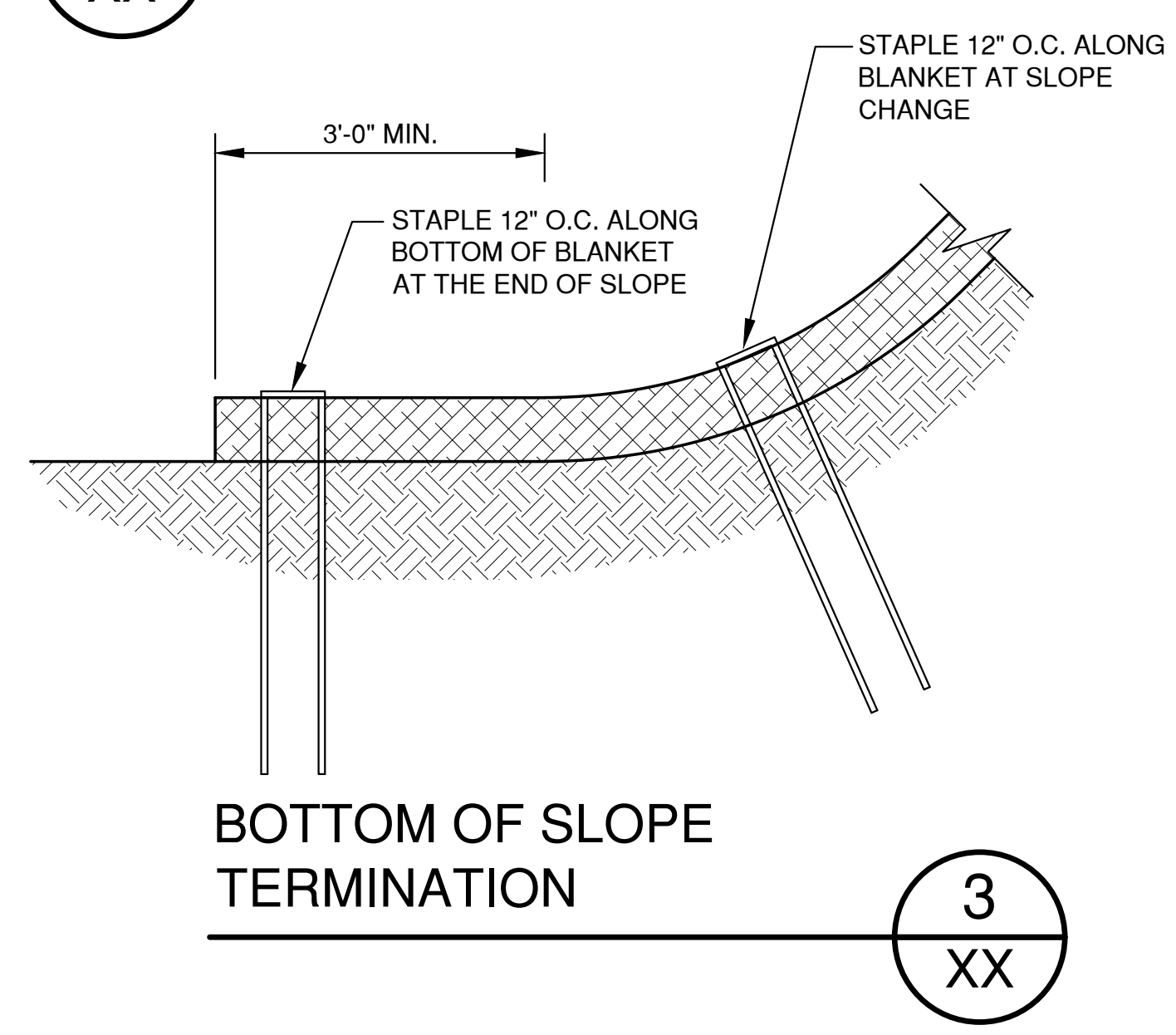
1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com



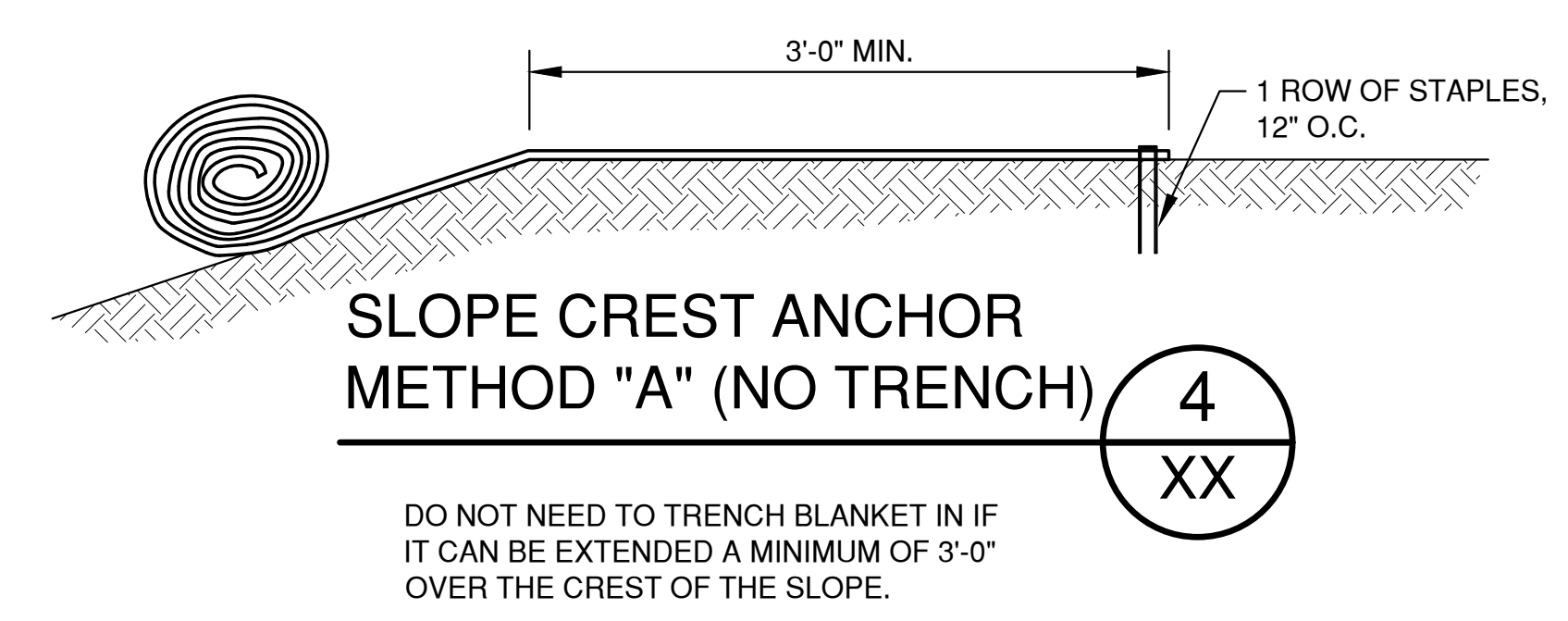
**SLOPE DETAIL** 1  
XX



**END ROLL OVERLAP** 2  
XX

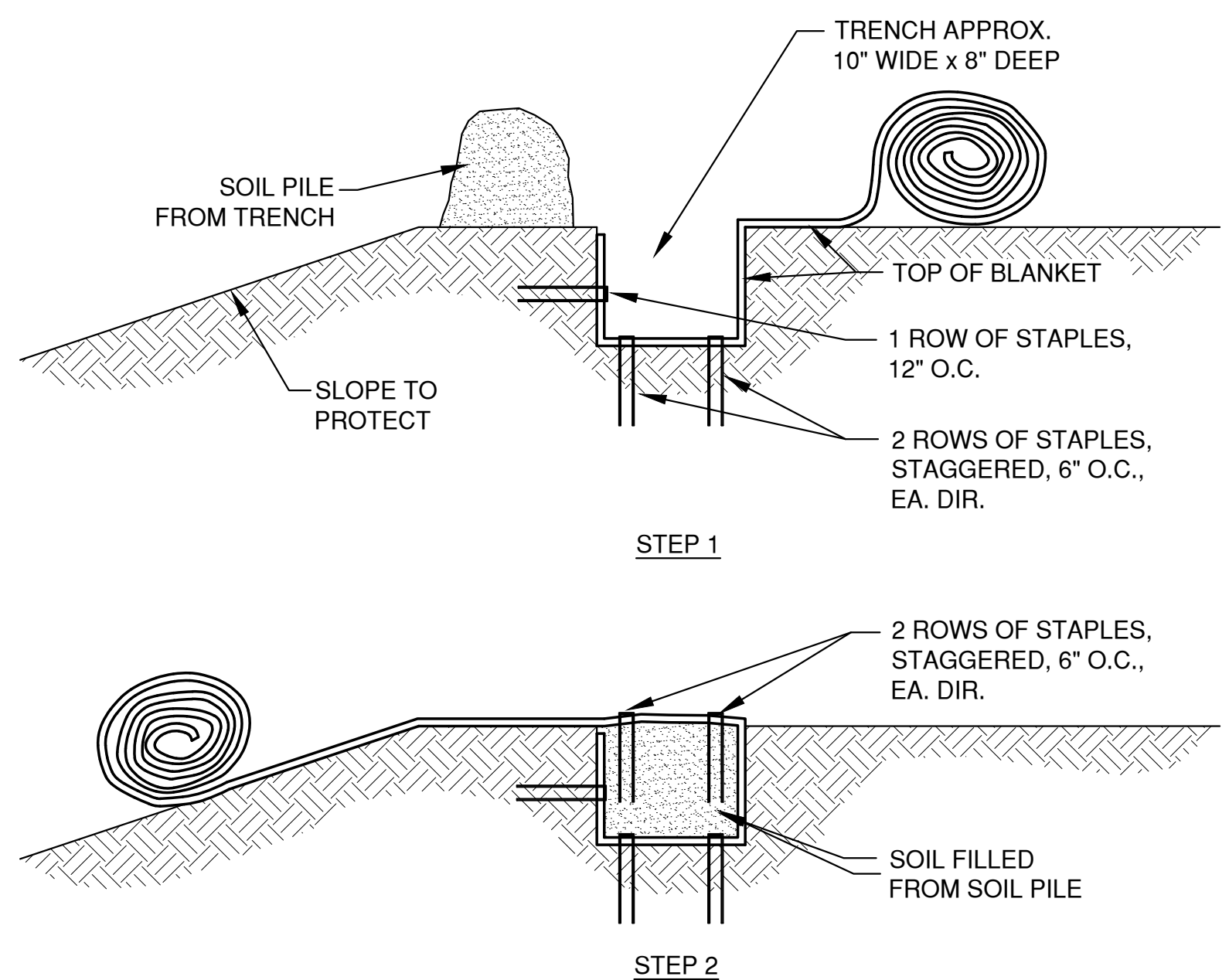


**BOTTOM OF SLOPE TERMINATION** 3  
XX

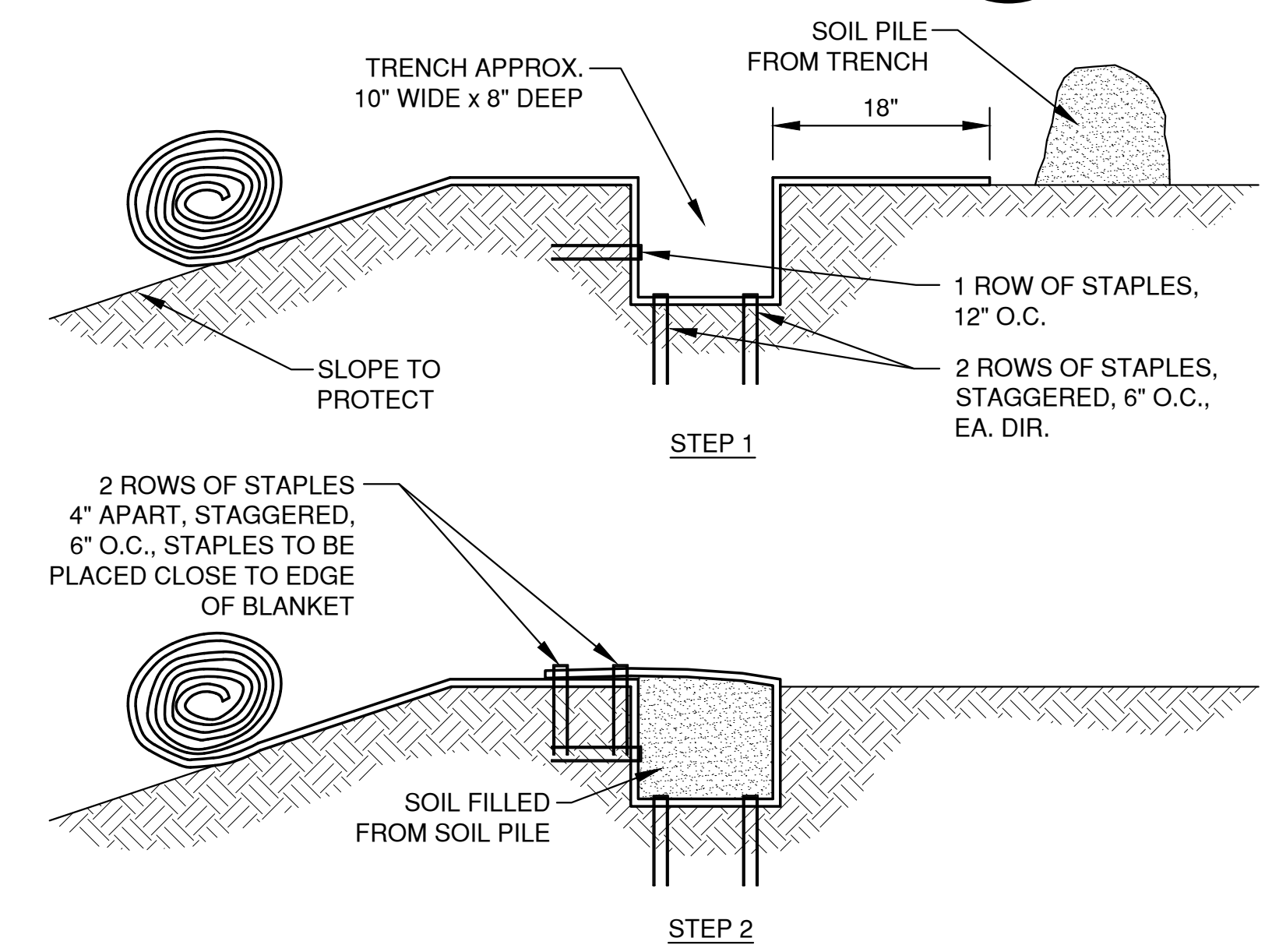


**SLOPE CREST ANCHOR METHOD "A" (NO TRENCH)** 4  
XX

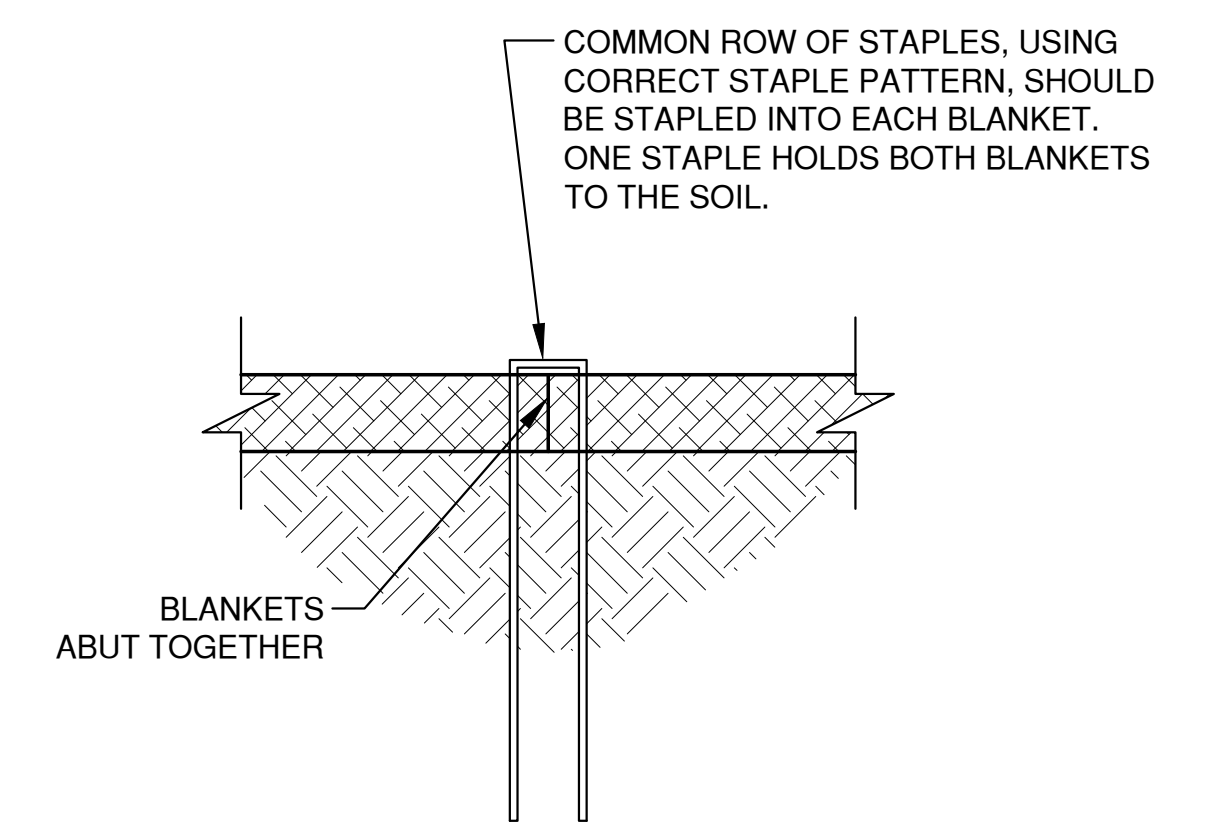
DO NOT NEED TO TRENCH BLANKET IN IF IT CAN BE EXTENDED A MINIMUM OF 3'-0" OVER THE CREST OF THE SLOPE.



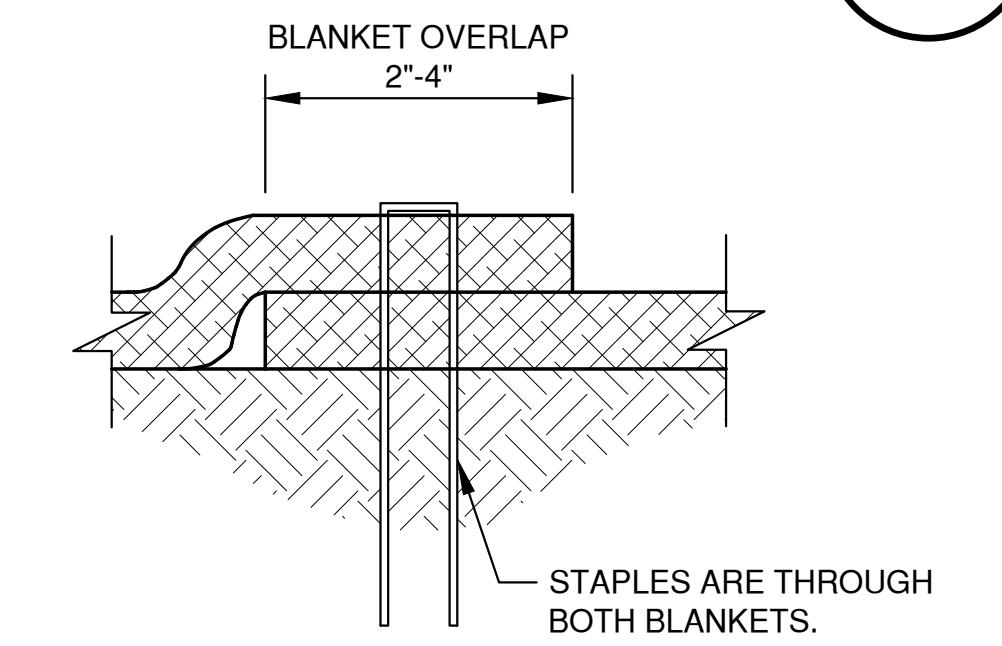
**SLOPE TRENCHING METHOD "B"** 5  
XX



**SLOPE TRENCHING METHOD "C"** 6  
XX



**SIDE SEAM ABUT STAPLE DETAIL** 7  
XX



**SIDE SEAM OVERLAP STAPLE DETAIL** 8  
XX

**NOTES:**  
1. STAPLE PATTERNS ARE DEPENDENT ON SITE CONDITIONS. SEE MANUFACTURER STAPLE PATTERN GUIDE FOR DETAILS.

FILE: P:\2020\2035474\DWG\2035474\_EC.dwg  
PLOT DATE: Feb 27, 2023 9:53:00am  
LAYOUT: 8 - SLOPE DETAIL

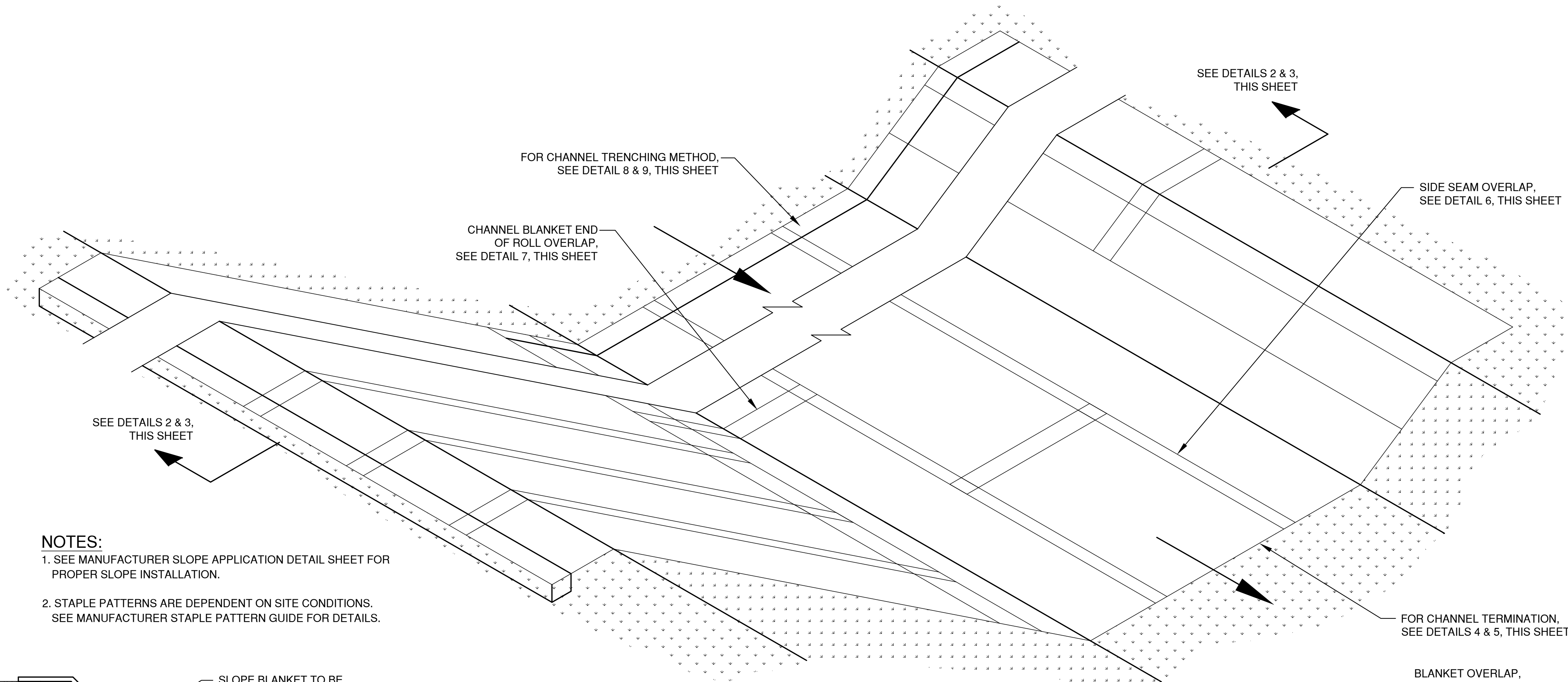
NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

SITE DEVELOPMENT OF MARTOR USA FOR BAYLAND BUILDINGS, INC. VILLAGE OF HOBART BROWN COUNTY, WISCONSIN

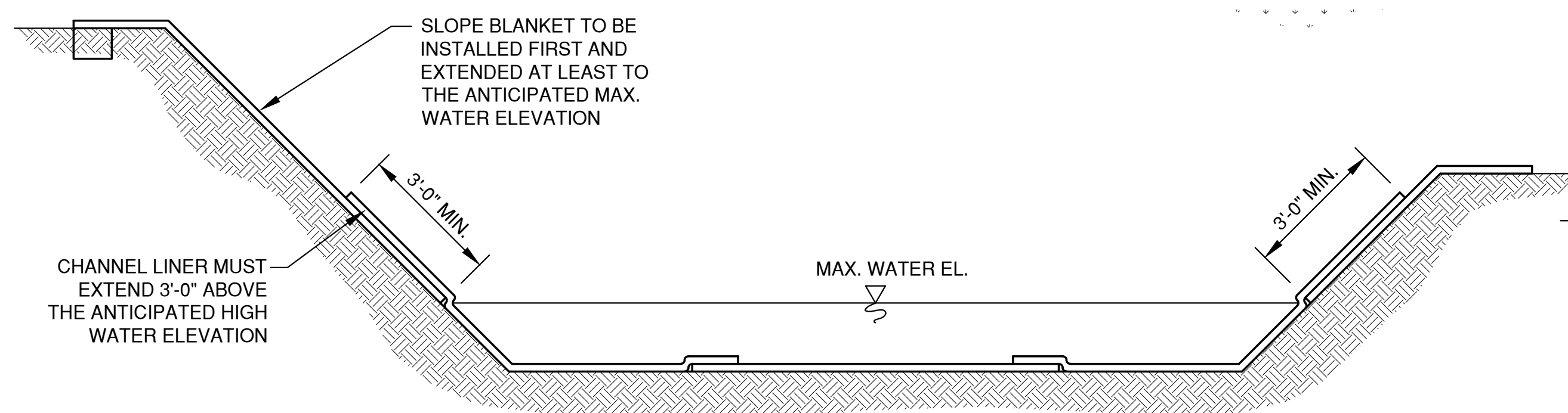
EROSION CONTROL EROSION MAT SLOPE APPLICATION DETAILS

DATE	02/20/23
FILE	2035474_EC
JOB NO.	2035474



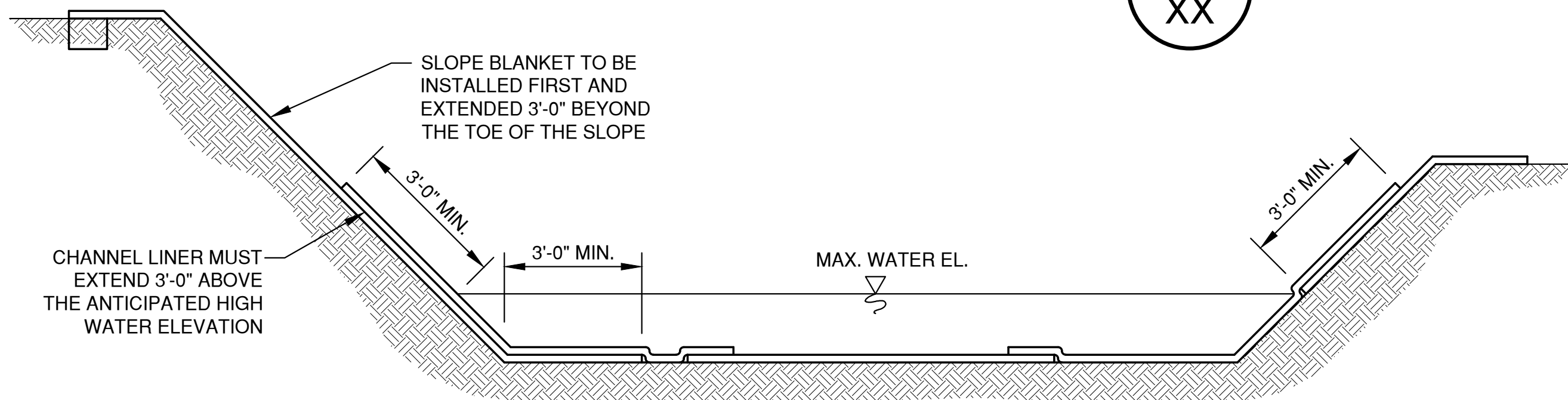


**NOTES:**  
 1. SEE MANUFACTURER SLOPE APPLICATION DETAIL SHEET FOR PROPER SLOPE INSTALLATION.  
 2. STAPLE PATTERNS ARE DEPENDENT ON SITE CONDITIONS. SEE MANUFACTURER STAPLE PATTERN GUIDE FOR DETAILS.



**CHANNEL INSTALLATION METHOD "A"**

2  
XX

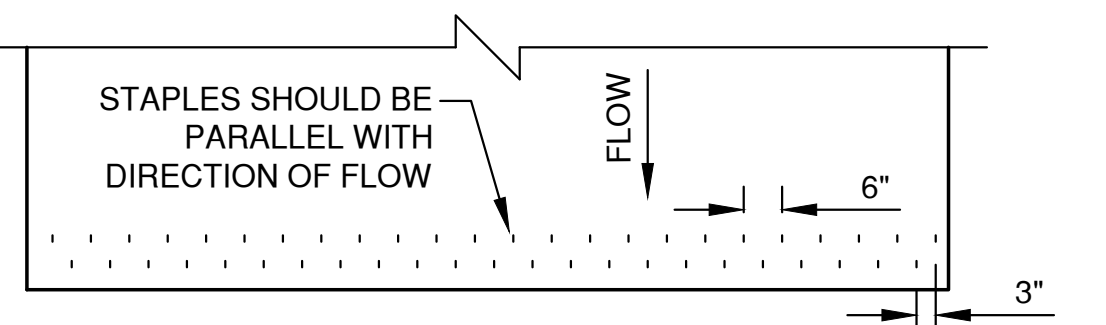


**CHANNEL INSTALLATION METHOD "B"**

3  
XX

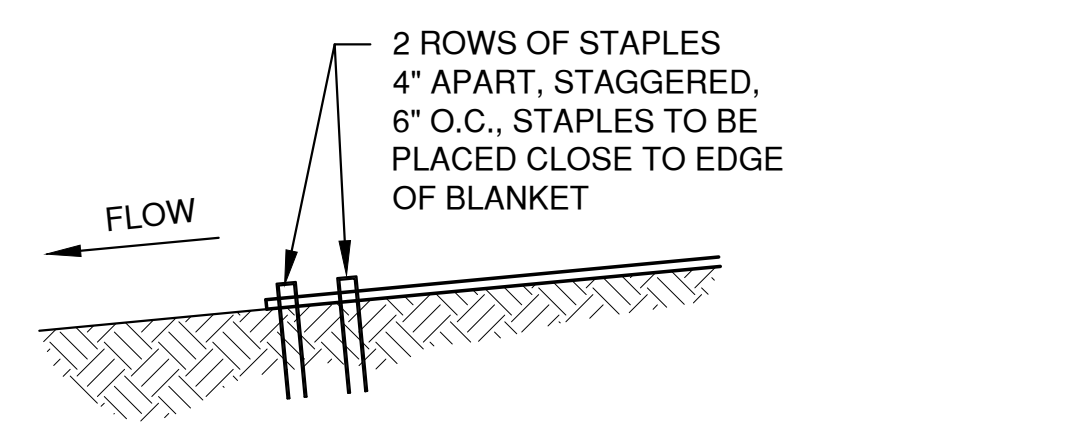
**CHANNEL DETAIL**

1  
XX



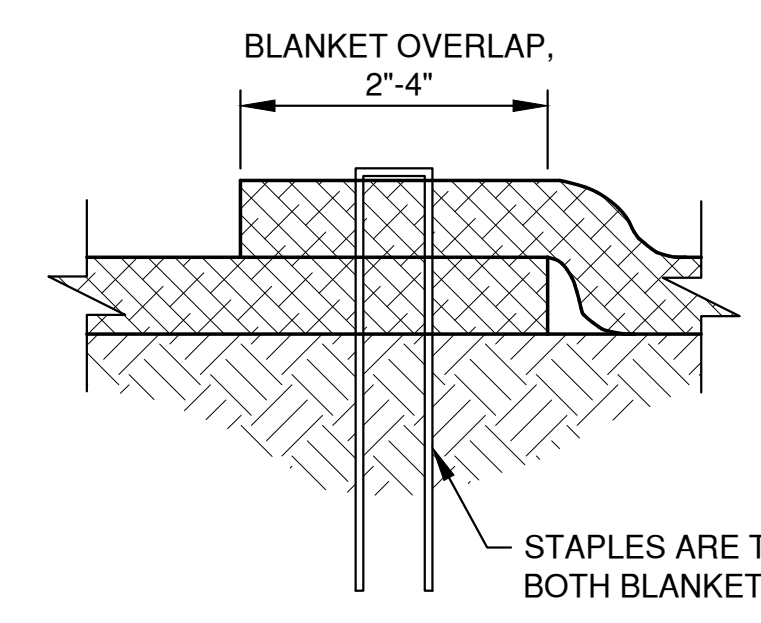
**CHANNEL TERMINATION PLAN**

4  
XX



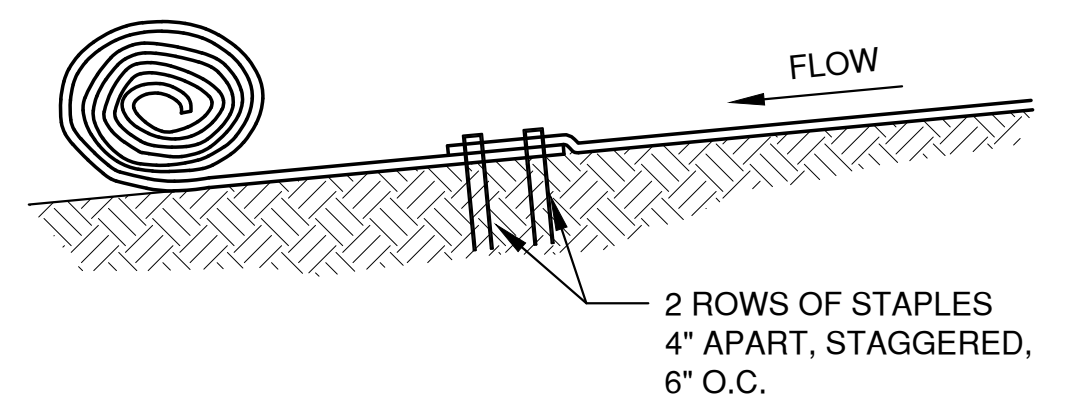
**CHANNEL TERMINATION**

5  
XX



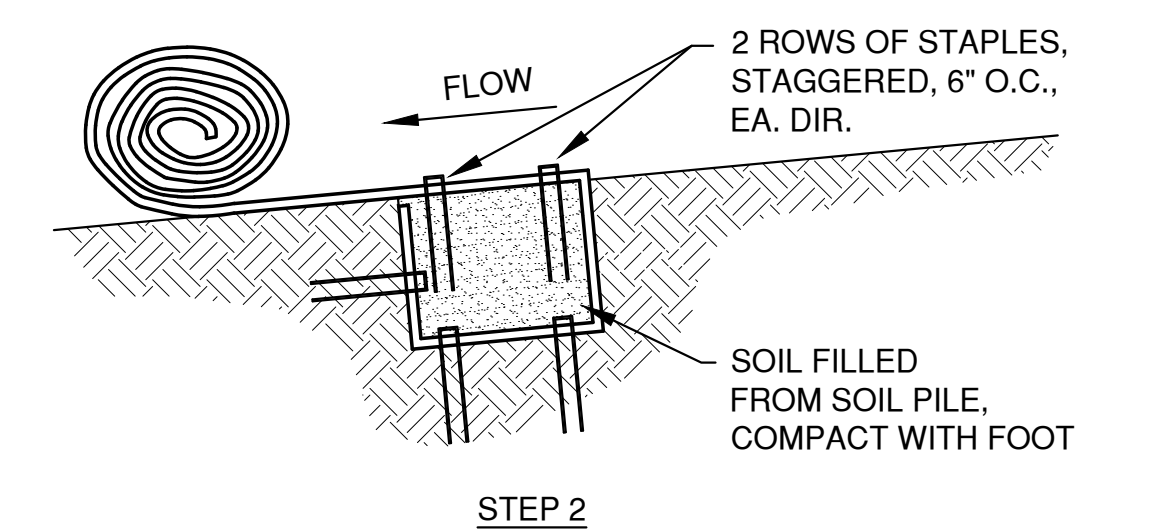
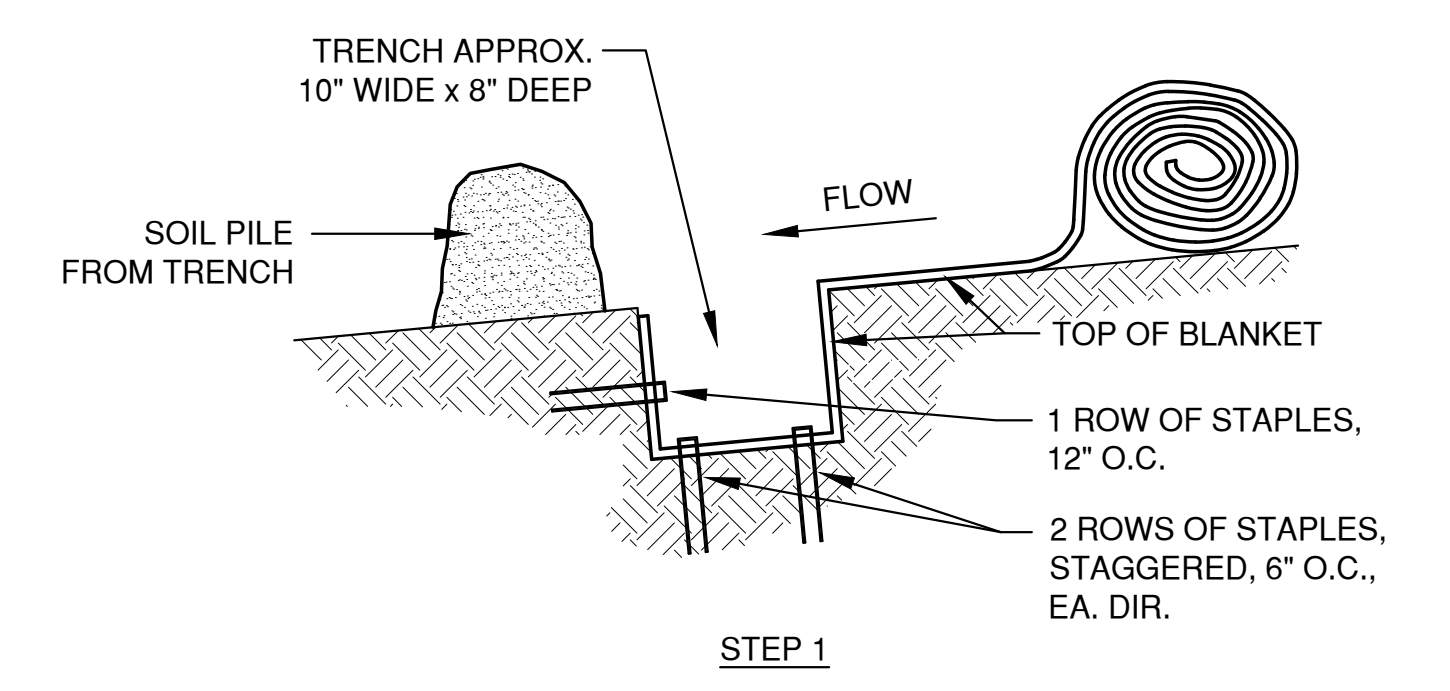
**SIDE SEAM OVERLAP STAPLE DETAIL**

6  
XX



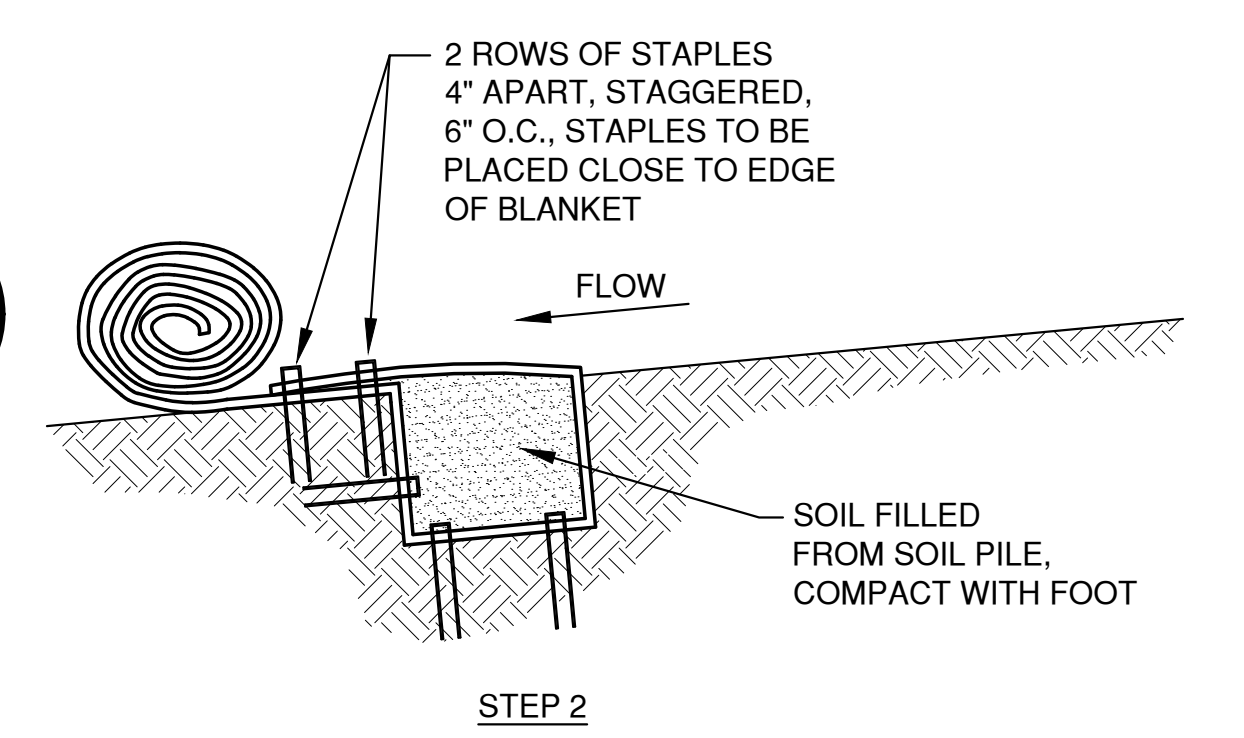
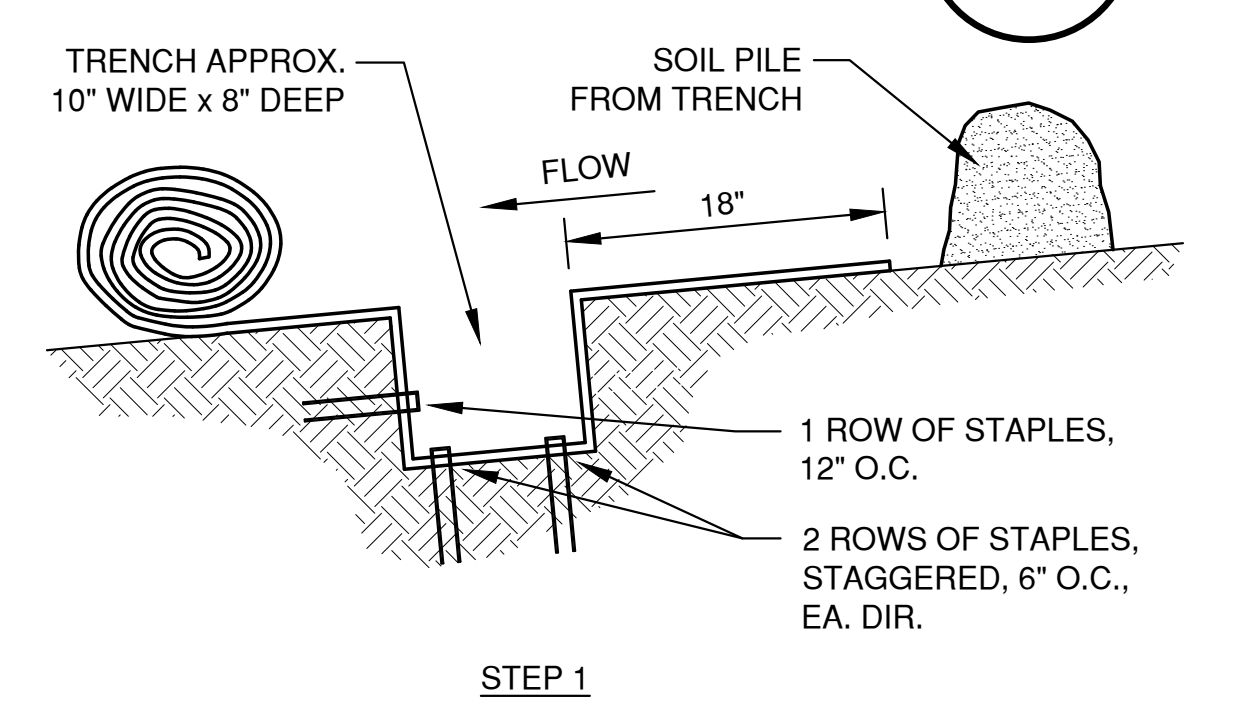
**CHANNEL BLANKET END OF ROLL OVERLAP**

7  
XX



**CHANNEL TRENCHING METHOD "A"**

8  
XX



**CHANNEL TRENCHING METHOD "B"**

9  
XX

FILE: P:\2020\2035\2035474\DWG\2035474\_EC.dwg  
 PLOT DATE: Feb 22, 2023 9:35:09am  
 LAYOUT: 7\_CHANNEL\_DET

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION	DRAWN	CHECKED	DESIGNED
								LLP		JSS

SITE DEVELOPMENT OF MARTOR USA  
 FOR BAYLAND BUILDINGS, INC.  
 VILLAGE OF HOBART  
 BROWN COUNTY, WISCONSIN

EROSION CONTROL  
 EROSION MAT  
 CHANNEL APPLICATION DETAILS

DATE  
02/20/23  
 FILE  
2035474\_EC  
 JOB NO.  
2035474

**REL Robert E. Lee & Associates, Inc.**  
 1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO.  
14

SHRUB/BUSH PLANTING SCHEDULE

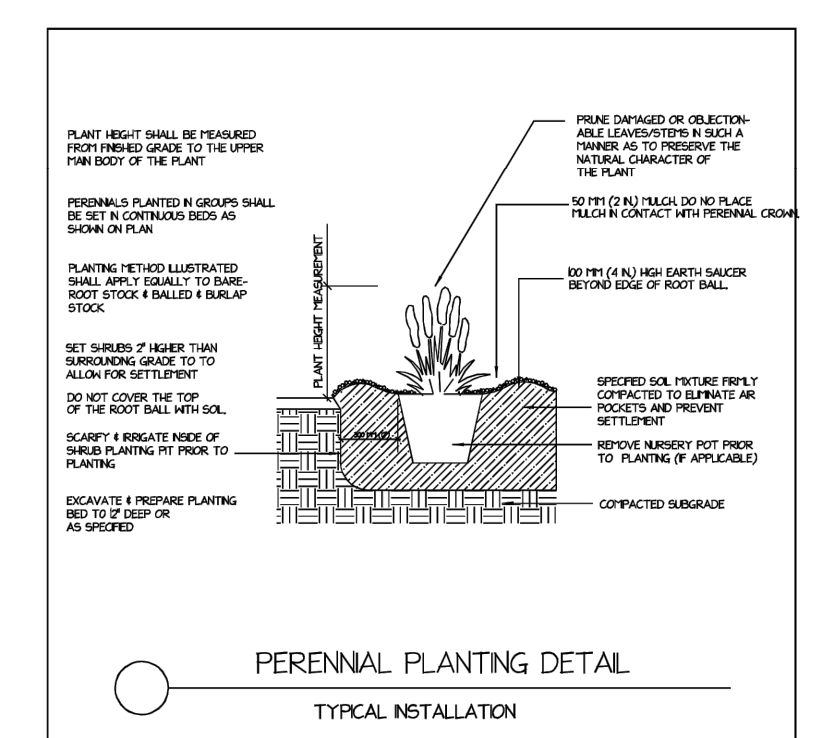
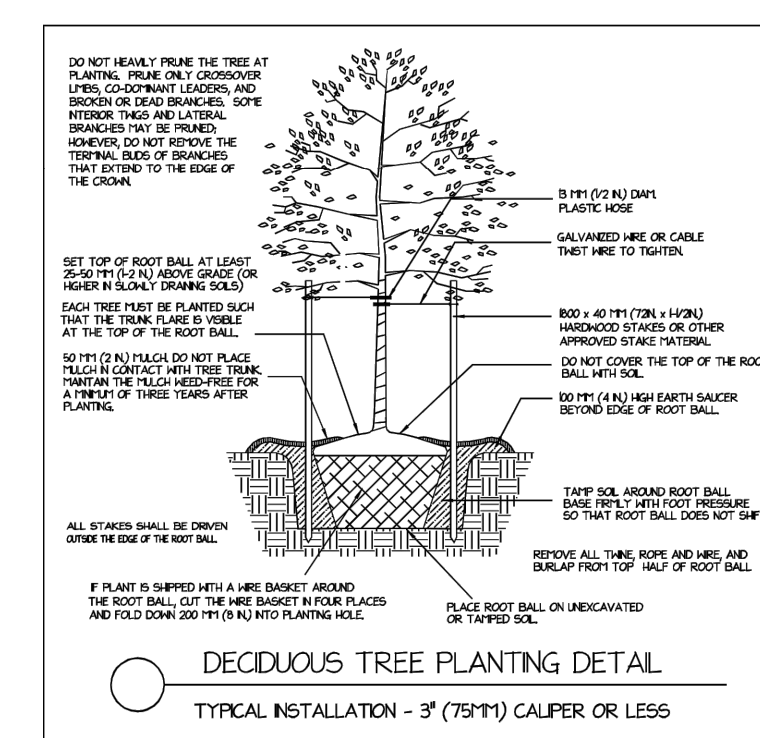
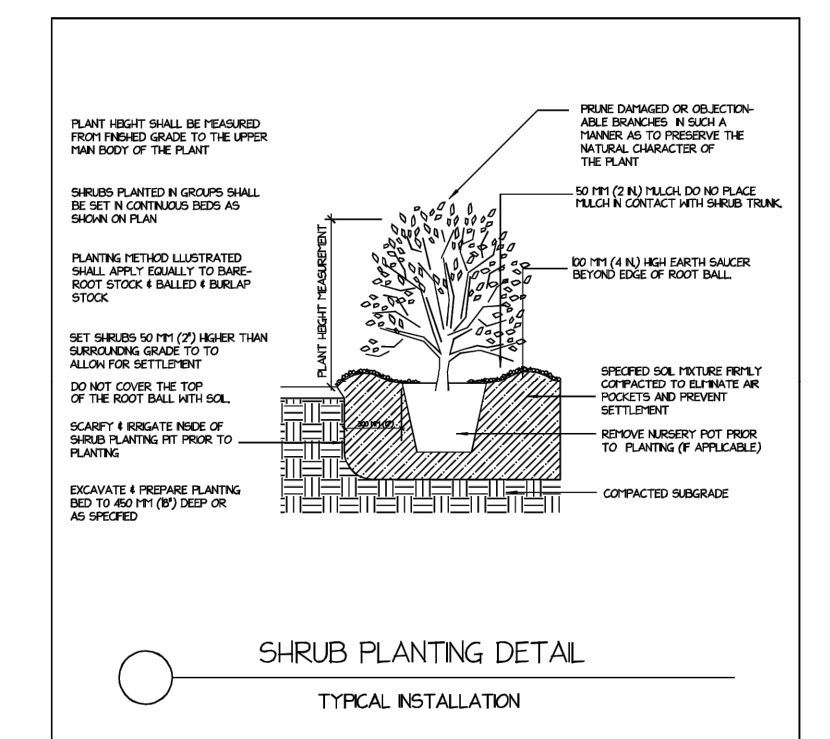
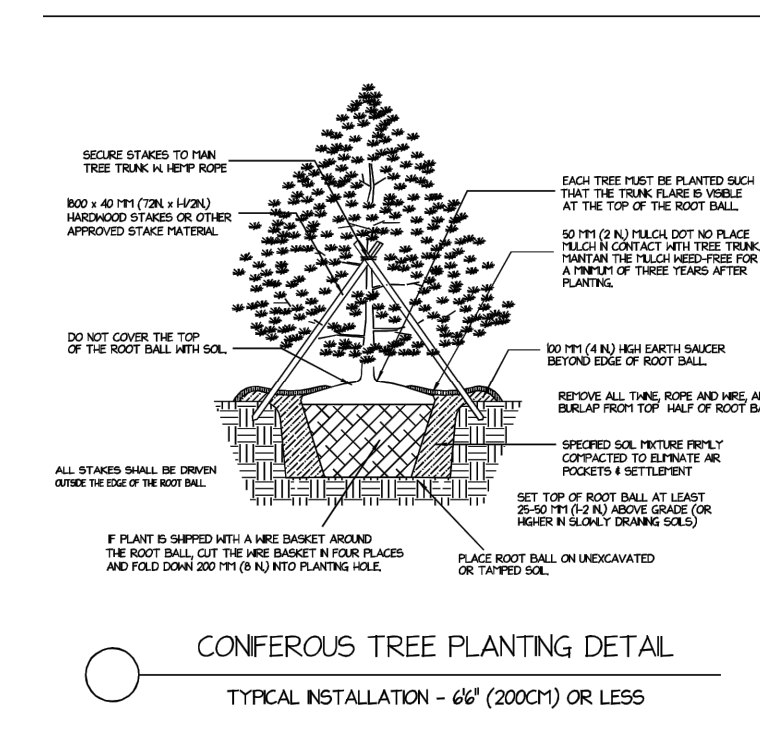
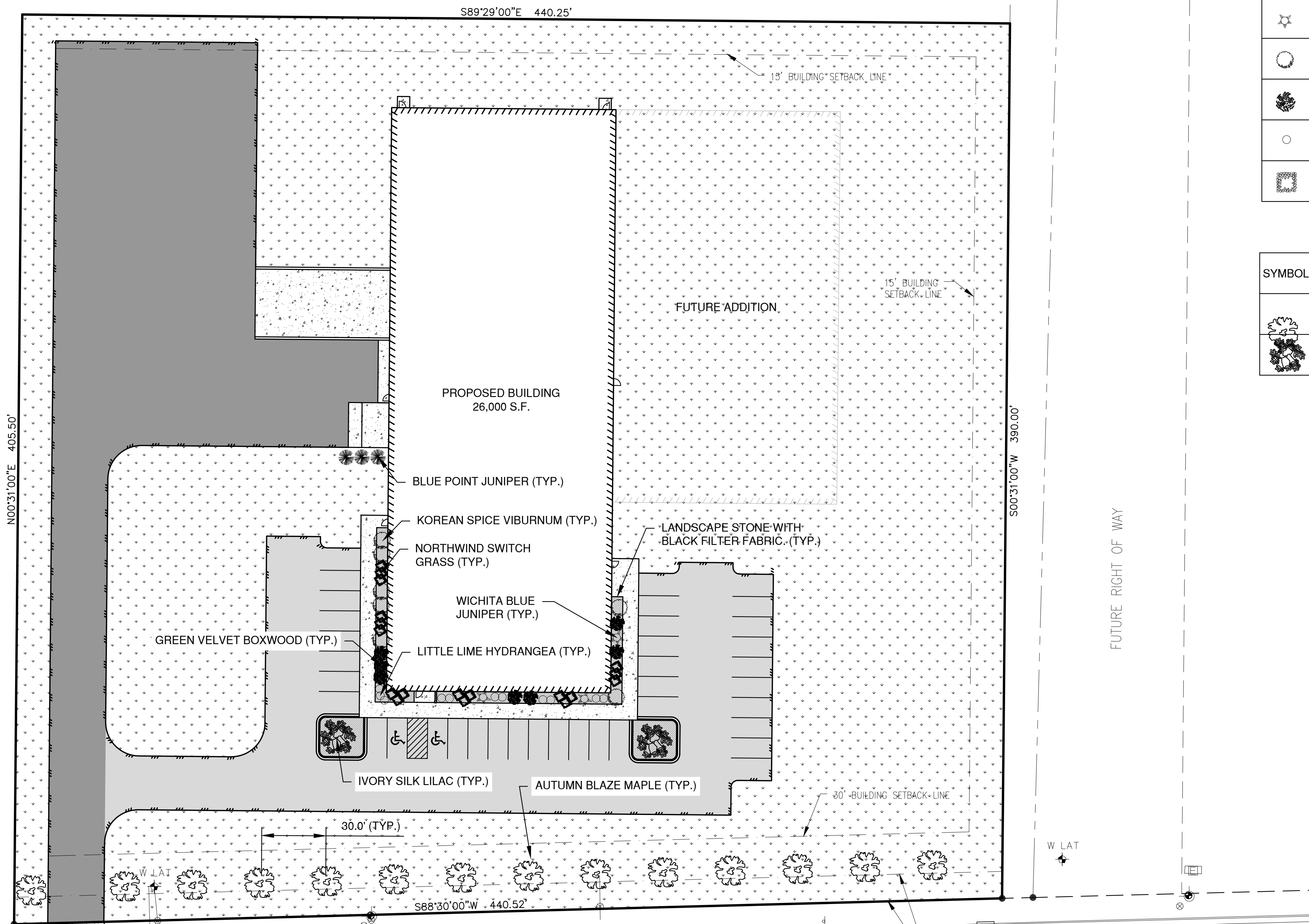
SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE	HEIGHT	QTY.
	BLUE POINT JUNIPER	JUNIPERUS CHINENSIS	6'	12'	3
	WICHITA BLUE JUNIPER	JUNIPERUS SCAPULORUM	6'	10-15'	3
	KOREAN SPICE VIBURNUM	VIBURNUM CARLESII	5 GAL	4-6'	7
	GREEN VELVET BOXWOOD	BUXUS 'GREEN VELVET'	2 GAL	3-4'	7
	LITTLE LIME HYDRANGEA	HYDRANGEA PANICULATA 'JANE'	3 GAL	3-4'	11
	NORTHWIND SWITCH GRASS	PONICUM VIRGATUM	1 GAL	4-6'	18

TREE PLANTING SCHEDULE

SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE	HEIGHT	QTY.
	AUTUMN BLAZE MAPLE	ACER FREEMONI JEFFERSERED	2.5" CAL.	45-50'	14
	IVORY SILK LILAC	SYRINGA RETICULATA	2.0" CAL.	20-30'	2

TREE / PLANTING MAINTENANCE NOTES:

- FOLLOW VILLAGE OF HOBART LANDSCAPING STANDARDS AND CODES (295-140 LANDSCAPING).
- MAINTAIN TREES AND PLANTINGS BY PRUNING, CULTIVATING, WATERING, WEEDING, FERTILIZING, RESTORING PLANTING SAUCERS, ADJUSTING AND REPAIRING, AND RESETTLING TO PROPER GRADES OR VERTICAL POSITION, AS REQUIRED TO ESTABLISH HEALTH, VIABLE PLANTINGS. SPRAY OR TREAT AS REQUIRED TO KEEP TREES AND SHRUBS FREE OF INSECTS AND DISEASE.
- ALL PLANT MATERIAL SHOULD CONFORM TO "AMERICAN STANDARDS FOR NURSERY STOCK," LATEST EDITION; SPONSORED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. ALL VEGETATION SHALL BE PLANTED IN ACCORDANCE WITH ACCEPTED PLANTING PROCEDURES.
- ALL DISTURBED AREAS SHALL BE TOPSOILED TO A DEPTH OF 6 INCHES, SEEDED AND MULCHED. AREA TO BE RAKED FREE OF STONES AND CLUMPS.



FILE: P:\2023\20230524\20230524.dwg (20230524.dwg) DATE: 05/24/2023 08:07:00 AM

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

DRAWN: LLP  
 CHECKED: [Signature]  
 DESIGNED: JGS

SITE DEVELOPMENT OF MARTOR USA FOR BAYLAND BUILDINGS, INC. VILLAGE OF HOBART BROWN COUNTY, WISCONSIN

LANDSCAPE PLAN

DATE: 02/2023  
 FILE: LANDSCAPE  
 JOB NO.: 20230474

1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO. L



File: C:\Users\m564\OneDrive\Work\Projects\1250 Centennial\1250 Centennial\1250 Centennial.dwg  
Plot Date: Feb 27, 2023 10:35am  
24x36  
LAYOUT

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

DRAWN LLP
CHECKED
DESIGNED JGS

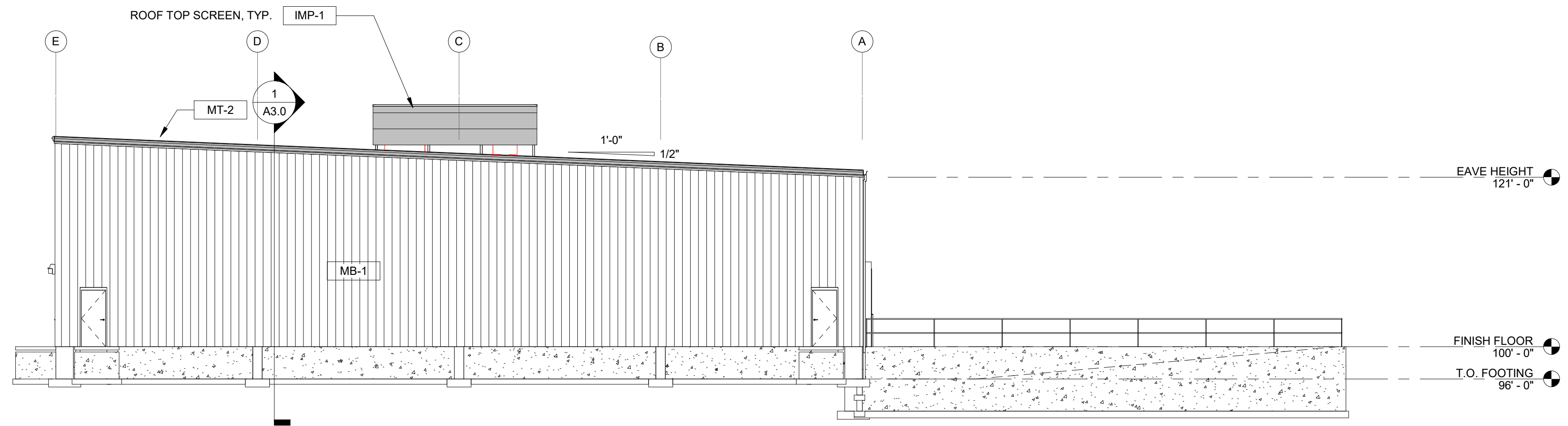
SITE DEVELOPMENT OF MARTOR USA  
FOR BAYLAND BUILDINGS, INC.  
VILLAGE OF HOBART  
BROWN COUNTY, WISCONSIN

SITE RENDERINGS

DATE 02/2023
FILE 2035474R
JOB NO. 2035474

REL Robert E. Lee & Associates, Inc.  
1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO.  
R



**BUILDING ELEVATION - NORTH**  
1/A2.0 SCALE = 3/32" = 1'-0"

**EXTERIOR FINISH LEGEND**

MARK	DESCRIPTION
IMP-1	LOCATION: 2 1/2" WALL PANEL MATERIAL: INSULATED METAL PANEL (CONCEALED FASTENER) SUPPLIER: THERMALCLAD ARCH COLOR: KXL PAINT COMMENTS: 36" SMOOTH HORIZONTAL
ACM-1	LOCATION: WALL PANEL & OVERHANGS MATERIAL: CONCEALED ACM PANEL SUPPLIER: REYNOLDBOND SERIES TWO COLOR: 2 COAT MICA FINISH COMMENTS: MZ-2000 4MM FR
MR-1	LOCATION: ROOF PANEL MATERIAL: 24GA GALVALUME SUPPLIER: VERIFY COLOR: VERIFY COMMENTS: DOUBLE LOK

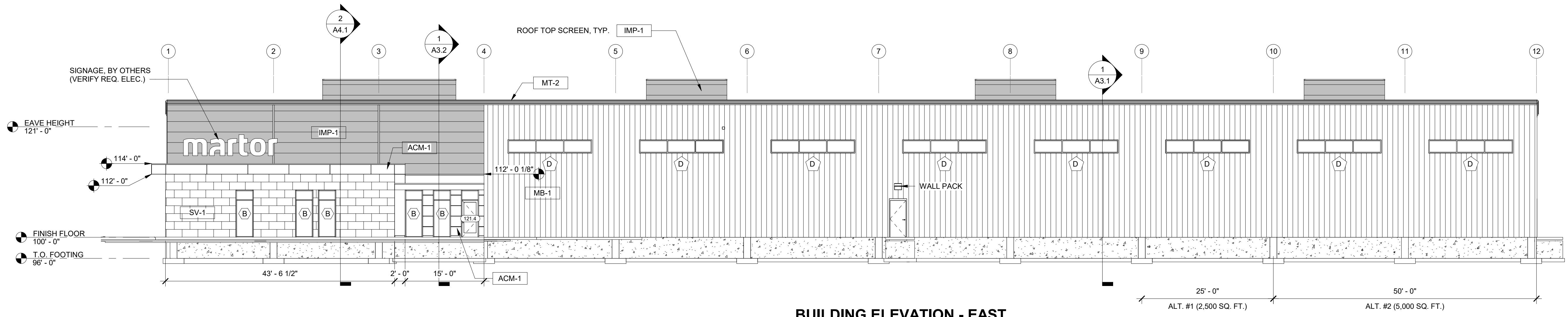
MARK	DESCRIPTION
MT-2	LOCATION: RAKE, GUTTERS & TRIMS MATERIAL: 26 GA SUPPLIER: VERIFY COLOR: VERIFY COMMENTS:
SV-1	LOCATION: CUSTOM CAST STONE CONC. MATERIAL: CUSTOM CONC. STONE SUPPLIER: VERIFY COLOR: VERIFY COMMENTS:
MB-1	LOCATION: WALL PANEL MATERIAL: 26GA SEMI-CONCEALED SUPPLIER: VERIFY COLOR: VERIFY COMMENTS:

**BAYLAND**

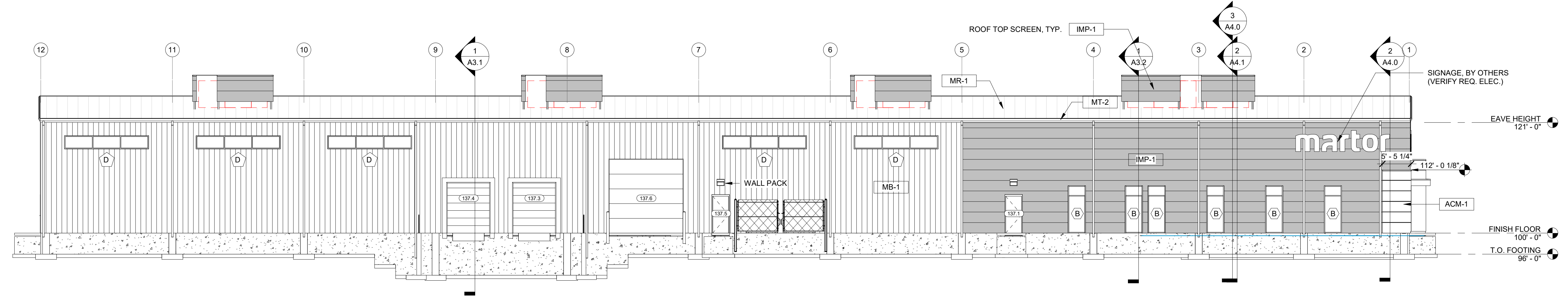
**BAYLAND BUILDINGS**

P.O. BOX 13571 GREEN BAY, WI 54307  
(920) 498-9300 FAX (920) 498-3033  
www.baylandbuildings.com

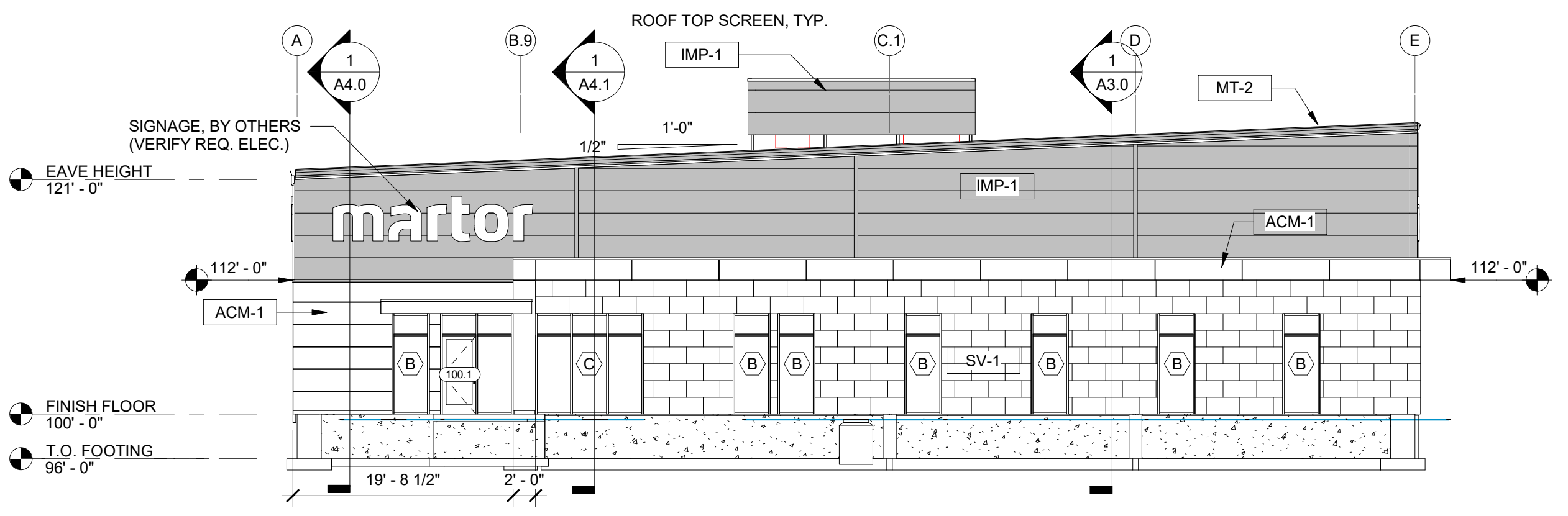
DESIGN & BUILD GENERAL CONTRACTOR



**BUILDING ELEVATION - EAST**  
2/A2.0 SCALE = 3/32" = 1'-0"



**BUILDING ELEVATION - WEST**  
3/A2.0 SCALE = 3/32" = 1'-0"



**BUILDING ELEVATION - SOUTH**  
4/A2.0 SCALE = 3/32" = 1'-0"

PROPOSED OFFICE & WAREHOUSE FOR:

**MARTOR USA**

HOBART, WISCONSIN; COUNTY OF: BROWN

**SCALE VERIFICATION**  
THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

NOTICE OF COPYRIGHT: THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION UNAUTHORIZED USE OF THESE PLANS, WORK OR BUILDING REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO BAYLAND BUILDINGS, INC.

JOB NUMBER: 22-5306

PROJECT EXECUTIVE: LANCE VANDEN HEUVEL

DRAWN BY: DV / AGJ

DATE: 02/16/2023

REVISIONS:

ISSUED FOR:	CHECKED BY:	DATE:
<input type="checkbox"/> PRELIMINARY		
<input type="checkbox"/> BID SET		
<input checked="" type="checkbox"/> DESIGN REVIEW		
<input type="checkbox"/> CHECKSET		
<input type="checkbox"/> CONSTRUCTION		

ELEVATIONS - EXTERIOR

**A2.0**



PROPOSED OFFICE &  
WAREHOUSE FOR:  
**MARTOR USA**  
HOBART, WISCONSIN; COUNTY OF:  
BROWN

**SCALE VERIFICATION**

THIS BAR MEASURES 1" ON ORIGINAL.  
ADJUST SCALE ACCORDINGLY

NOTICE OF COPYRIGHT  
THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO  
COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER  
SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED  
DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS  
COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION  
INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL  
AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND  
ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION  
UNAUTHORIZED USE OF THESE PLANS, WORK OR BUILDING  
REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF  
CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY  
COMPENSATION TO BAYLAND BUILDINGS, INC.

JOB NUMBER: 22-5306

PROJECT EXECUTIVE: LANCE VANDEN HEUVEL

DRAWN BY: DV / AGJ

DATE: 02/16/2023

REVISIONS:

ISSUED FOR: CHECKED DATE:  
BY:

- PRELIMINARY
- BID SET
- DESIGN REVIEW
- CHECKSET
- CONSTRUCTION

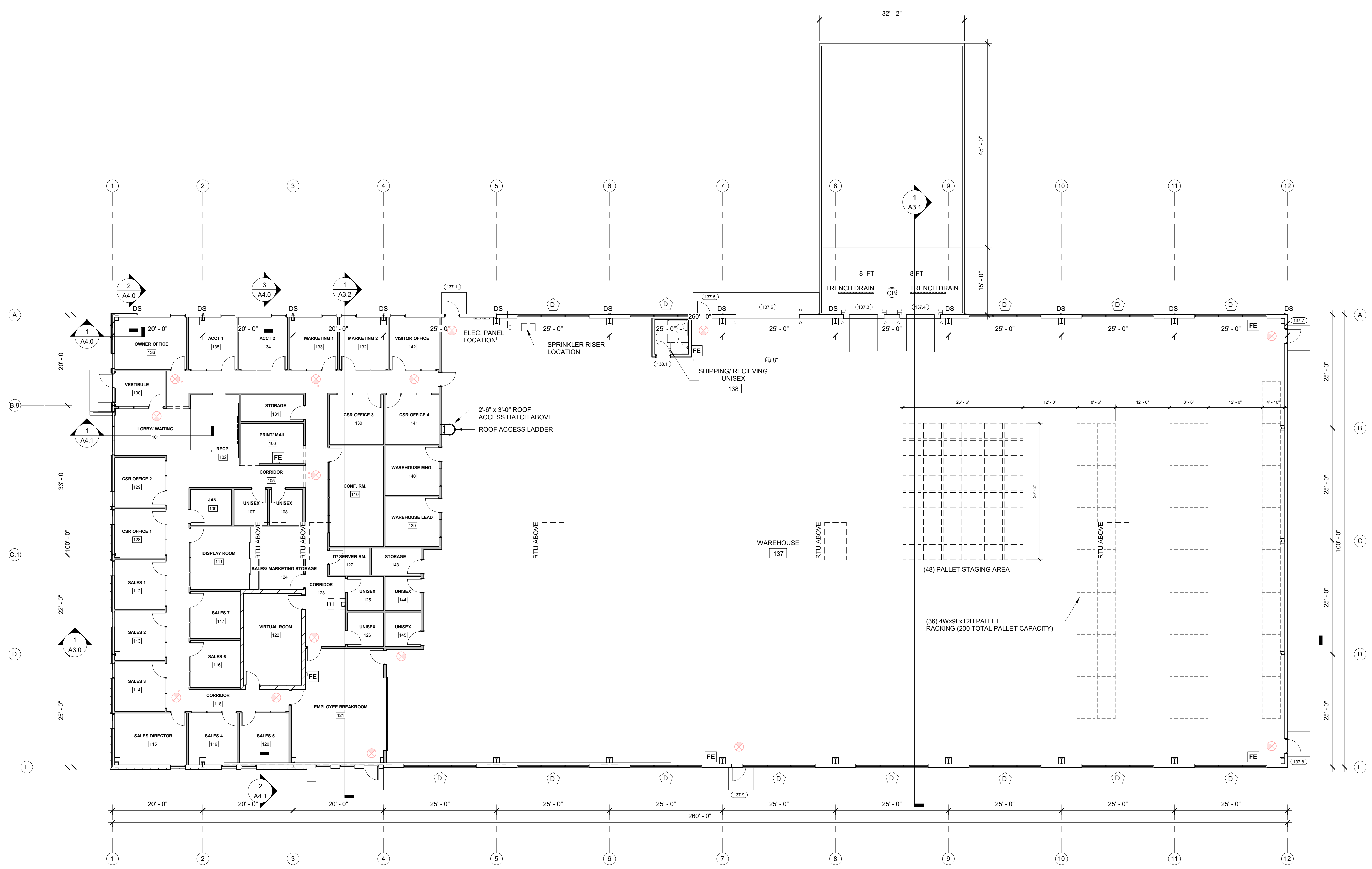
FLOOR PLAN - OVERALL

**FLOOR PLAN - OVERALL**

1/1A.1 SCALE = 3/32" = 1'-0"

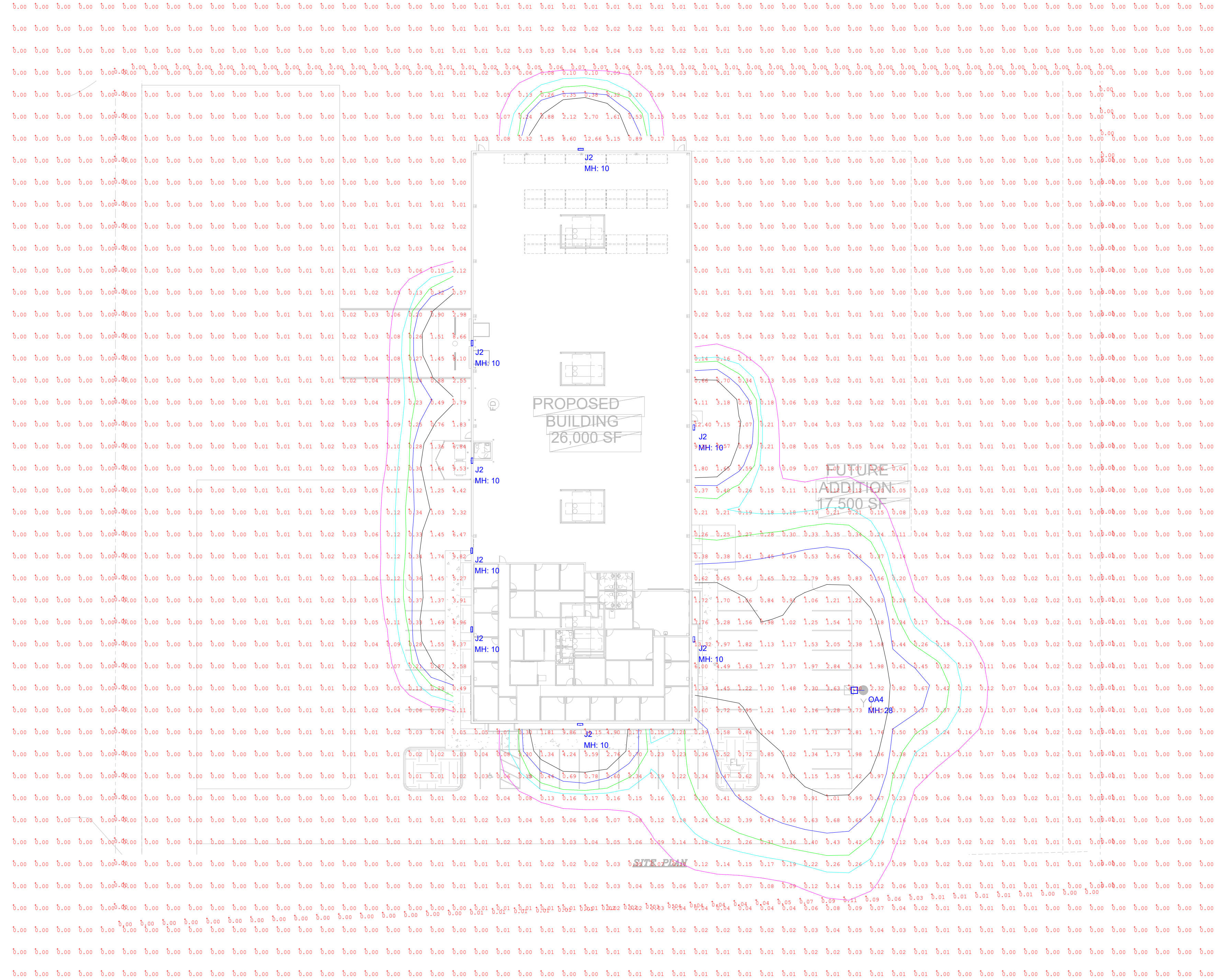


**A1.0**



Qty	Label	MFG	Description	LLF	Lum. Watts	Total Watts
8	J2	LITHONIA	WPX2 LED 40K MVOLT DOBXD	0.950	47	376
1	O44	LITHONIA	RSX1 LED P4 40K R4 MVOLT SPA DOBXD + 25' POLE + 3' BASE	0.950	133	133

Label	Units	Avg	Max	Min	Max/Min	Avg/Min
Presumed Property Line	Fc	0.01	0.11	0.00	N.A.	N.A.
Parking Area	Fc	1.00	5.6	0.0	N.A.	N.A.



#	DATE	COMMENTS
REVISIONS		

DRAWN BY : JT	DATE : 3-2-2023	SCALE : 1" = 30'
---------------	-----------------	------------------

MARTOR KNIVES	HOBART, WI	SITE LAYOUT
---------------	------------	-------------



**TO:** Site Review Committee

**RE:** 2703 S. Pine Tree Rd., HB-83-1; New 18,200 Square Foot Fire Station

**FROM:** Todd Gerbers, Director of Planning and Code Compliance

**DATE:** March 15, 2023

**ISSUE:** Discussion and action on a new 18,200 square foot fire station and associated site improvements

**RECOMMENDATION:** Staff recommends conditional approval of this new development along with any conditions the Committee may identify.

### GENERAL INFORMATION

1. Developer: Village of Hobart
2. Applicant: Robert E. Lee & Associates / Bayland Buildings, Inc.
3. Address/Parcel: 2703 S. Pine Tree Rd. / HB-83-1
4. Zoning: A-1: agricultural District
5. Use: Fire Station

### BACKGROUND

This property located at 2703 S. Pine Tree Rd. is currently developed with a fire station and Village Park. This proposed project would construct a new Village Fire Station of 18,200 square feet that will replace the outdated facility that currently exists on site. Access to the site will remain largely the same with individual access points from both S. Pine tree Rd. and Florist Dr. Additionally there will be a dedicated exit driveway for emergency vehicles that are leaving the site.

### SITE REVIEW DEVELOPMENT AND DESIGN STANDARDS CHECKLIST

#### Section 1, Site Plan Approval

- A. **Zoning:** A-1: Agricultural District
- B. **Green Space:** 59.2% green space proposed.
- C. **Setbacks:** Front setback along S. Pine Tree Rd. – 74.6’ (40’ minimum), 196.2’ to south property line (side of building along Florist Dr. (40’ minimum)), 99’ to west property line (rear of building (25’ minimum)), and 241.7’ to north property line (side of building (25’ minimum)). All comply with zoning requirements.
- D. **Parking:** 82 spaces proposed, 10 spaces are required (based on 20 “employees”) per code of: *Governmental buildings, United States, state, county, and city. One parking space for each two employees, plus such additional space deemed necessary by the Planning and Zoning Commission.*
- E. **Fire Dept. (and Police Dept.):** The plans presented have been reviewed and accepted by the Police Department and Fire Department as presented.
- F. **Storm Water:** Storm water running off the proposed building and parking areas will be collected by the proposed on-site storm sewer and will be discharged to a bioretention pond located Florist Dr.

- G. Refuse Collection:** The Refuse/recycling enclosure is proposed to the west side of the development with access from the driveway serving the rear vehicle access area.

## **Section 2, Architectural Plan Approval**

### **A. Exterior Construction Information:**

- 1. Materials:**
- 2. Exterior Materials:** Proposed building materials consist of brick veneer on the three wall elevations of the meeting room area with a 3' high wainscoting of brick and semi-concealed metal wall panels on the remaining 3 elevations of the building.
- 3. Height:** 30' to top of ridge
- 4. Overhead doors:** Located on west east elevations of building to allow for through passage of emergency vehicles.
- 5. Mechanical equipment:** Should any equipment being installed on the roof it shall be screened from view by materials compatible with those used for the principal structure. Any such equipment located on the ground shall be screen from view by landscaping or fencing to compliment the building and overall landscaping.

**Section 3, Landscaping Plan:** A landscape plan will need to be submitted for approval prior to implementation to verify adequate buffering to the residential property to the west and also to make the bioretention pond part of a landscape feature.

**Section 4, Lighting:** Lighting is required to be submitted to Village Staff for review and approval prior to installation.

**Section 5, Signage:** Signage is required to be submitted for review and approval prior to construction and installation.

**Section 6, Driveway-Curb Cut:** The existing driveway entrance along Florist Dr. will be moved further to the west (more setback from the intersection) while a new access point along S. Pine Tree Rd. will be established to accommodate the exiting of emergency vehicles. Any new or re-location of access points along S. Pine Tree Rd. Will require approval from Brown County.

## **RECOMMENDATION/CONDITIONS**

Staff recommends conditional approval of this site plan in concept only, subject to the following in addition to any condition(s) the Site Review may identify:

1. Any roof or ground mounted mechanical equipment shall be screened from view by either material compatible with those of the primary building or landscaping, depending on locations.
2. Submitting of landscape plan for approval prior to implementation.
3. Submitting of lighting plan to Village Staff for approval prior to installation.
4. Signage details shall be submitted for approval prior to construction and installation.

# VILLAGE OF HOBART

## SITE REVIEW / DEVELOPMENT AND DESIGN STANDARDS PROCESS & APPROVAL

### PLAN SUBMITTAL REQUIREMENTS:

- Fifteen (15) copies 11 x 17 or size that is legible with all information required by this process.
- Fifteen (15) copies of the Completed Checklist
- This checklist with complete information no later than ten 10 business days prior to the Third Tuesday of the month to the Village Clerk; NO LATER THAN 1200 HOURS. (Noon)
- One (1) full size set of site plans.
- One (1) full size set of building plans, Ready for State Approval
- All site plans shall be drawn to an engineering scale no greater than one-(1) inch equals one hundred (100) feet.
- Signs not part of this application would be a considered a separate application
- Application fee of \$150.

**ALL INFORMATION MUST BE COMPLETE PRIOR TO SCHEDULING A MEETING OF THE SITE REVIEW COMMITTEE. NO BUILDING PERMIT WILL BE ISSUED WITHOUT APPROVED PLANS FROM THE SITE REVIEW COMMITTEE.**

### 1. LOCATION

Project / Development / Site Location / intersection (section town & range)

Hobart Fire Station, 2703 South Pine Tree Road,

### 2. TYPE OF DEVELOPMENT

Size of Parcel (acreage or square footage): 4.18 Acres, 181,993 S.F.

Size of facility(square footage): 18,200 S.F.

Type of facility: Fire Station

Developer: Village of Hobart

Address: 2990 South Pine Tree Road Phone: 920-869-3804

Engineer: Robert E Lee and Associates, Inc. – Brandon Robaidek

Address: 1250 Centennial Centre Blvd, Hobart, WI 54155 Phone: 920-662-9641

Contractor: Bayland Buildings, Inc.

Construction Firm: General Contractor

Address: 3323 Bay Ridge Court, Green Bay, WI 54155 Phone: 920-371-6200

Revised 1-23-08

3. **SITE PLAN APPROVAL**

A. Industrial \_\_\_\_ Business Park \_\_\_\_ Commercial X  
Multi-Family \_\_\_\_

Current Zoning: A-1: Agricultural District

Other – Identify: \_\_\_\_\_

Erosion Control Plan on file: \_\_\_\_\_ YES X NO

% of Green Space: 59%

B. Orientation – Provide scale map of parcel and facility, (show north indicating arrow, and a graphic scale)

C. Setback Information: Sheet 1 Complies with Ordinance: Yes

D. # of parking stalls ( Include Handicapped parking): 82 Stalls  
4 Handicap

E. Show the following Utilities and all easements including but not limited to the following facilities types:

- 1) Electric underground  overhead
- 2) Natural Gas
- 3) Telephone
- 4) Water / Fire Hydrants
- 5) Fiber Optic Lines
- 6) Other transmission lines \_\_\_\_\_
- 7) Ingress – egress easements \_\_\_\_\_

F. Total Site Build-out including future structures and setbacks:

Complies with ordinance X YES \_\_\_\_\_ NO

G. Identify on the Site Plan Key: Spot Elevations: such as Center of Street, Driveway apron, 4 - corners of lot, building elevations, building floor, key drainage points & ditches on local USGS Datum:

Data Complete: X YES \_\_\_\_\_ NO

- H. Adjacent streets and street rights-of-ways and fire lanes:
  - 1) Fire Chief has reviewed and approved: \_\_\_\_ YES \_\_\_X\_\_\_ NO
  - 2) Not applicable\_\_\_\_\_

- I. Water bodies and wetlands. Over 1-acre disturbed requires storm water plan.
  - 1) Surface water holding ponds, drainage ditches, and drainage patterns, location and size of culverts
  - 2) Name and address and phone# of engineer of project plan:

Brandon Robaidek – Robert E Lee and Associates, Inc.  
1250 Centennial Centre Blvd, Hobart, WI 54155

---

- J. Sidewalks, walkways, and driveways: X
- K. Off street loading areas and docks: X
- L. Fences and retaining walls or berms: X

- M. Location & Size of exterior refuse collection areas (must be enclosed a minimum of three (3) sides):

18'x12' Split Face Block with chain link gate and privacy slats

---

- N. Location and dimensions of proposed outdoor display areas:\_\_\_\_\_
- 
- 

**4. ARCHITECTURAL PLAN APPROVAL**

- A. Exterior construction information:

1) Type of Construction Materials: Steel and Wood

2) Exterior Materials: Metal Wall Panels, Masonry Veneer

3) Height of Facility:\_\_\_\_\_

4) Compatibility with existing adjacent structure: \_\_\_\_\_ (Attach Photos)

5) Other unique characteristics:\_\_\_\_\_

5. **LANDSCAPING PLAN**

If planting new trees in Village right-of-way, a requirement of a 1.5” caliper or greater of the tree at 12” above ground is needed, according to planting ordinance specifications. A tree-planting plan must be filed with the application. Tree placement is 1-tree every 50 feet of frontage.

Provide scaled landscaping of plan for parcel

Identify tree and location specifics – Quantity / Diameter, etc:

---

---

Identify Shrubs & Location Specifics - Quantity: \_\_\_\_\_

---

Identify Buffering -Type – Quantity:

---

---

6. **LIGHTING PLAN**

Provide scaled lighting plan for parcel

Identify Exterior Building Lighting – Quantity, Wattage, Location :

---

---

---

Identify Parking Lighting – Quantity – Wattage – Location :

---

Identify other Lighting – Quantity – Wattage – Location:

---

---



7. **SIGNAGE**

Provide scaled drawings.

Provide Site Plan for signage

Provide building elevations with signage.

Discussion: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Complies with Ordinance: \_\_\_\_\_ YES \_\_\_\_\_ NO

Date: \_\_\_\_\_

8. **DRIVEWAY – CURB CUT**

Width of Curb Cut: N/A \_\_\_\_\_

Radius / Flare: 10' Radius \_\_\_\_\_

Apron Dimensions: 45' at road, 25' at property line and 132.7' at Road, 112.7' at property line

Culvert Size (End-walls Required) 18" CMP \_\_\_\_\_



# Storm Water Utility Service Application

Dept. of Neighborhood Services  
2990 S. Pine Tree Rd.  
Hobart WI 54155  
920-869-3809

**A. Applicant**

Applicant Name: Aaron Kramer Owner Name: \_\_\_\_\_  
 Address: 2990 South Pine Tree Road Address: \_\_\_\_\_  
 City: Hobart State: WI Zip: 54155 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: (920) 869-1011 Phone: ( ) \_\_\_\_\_  
 Email: aaron@hobart-wi.org Email: \_\_\_\_\_

**B. Parcel – Site Information**

Site Address: 2703 South Pine Tree Road Parcel ID: HB-83-1  
 Project Description: Hobart Fire Station

**Residential ERU Calculations**

Use	<input type="checkbox"/> Single Family	<input type="checkbox"/> Duplex	<input type="checkbox"/> Multi-family
Number of Dwellings			
ERU's / Dwelling	1 ERU	0.75 ERU	0.6 ERU
<b>Total ERU's</b>			

**Nonresidential Uses - Impervious Surface Calculation**

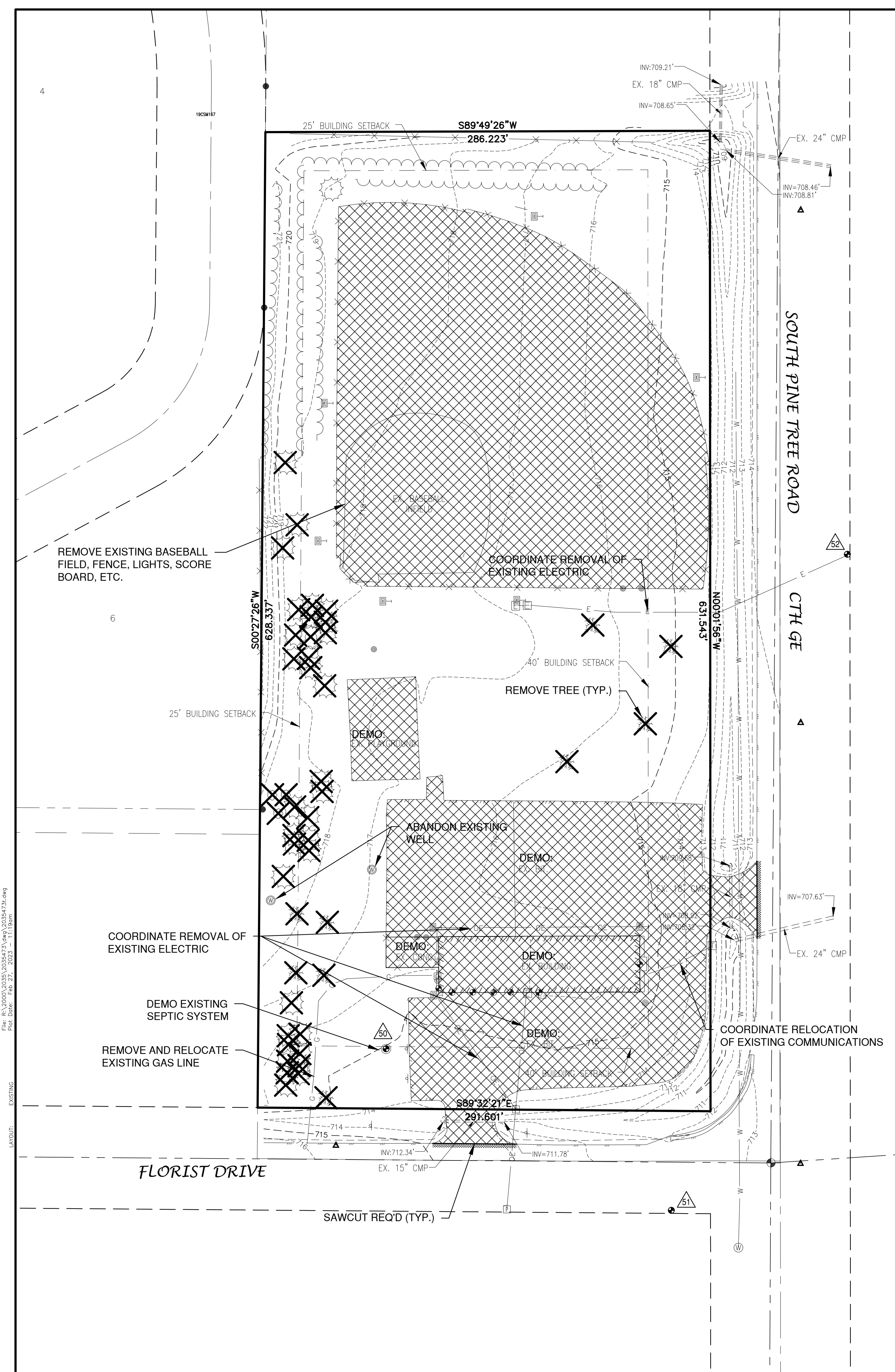
	Existing		Change (+/-)		= New Total Area	
		sq. ft.		sq. ft.		sq. ft.
<b>Building/Structure Foot Prints</b>	4692	sq. ft.	13,508	sq. ft.	18,200	sq. ft.
<b>Paved/Gravel Areas</b>	32,191	sq. ft.	23,941	sq. ft.	56,132	sq. ft.
<b>Totals</b>	<b>36,883</b>	<b>sq. ft.</b>	<b>37,449</b>	<b>sq. ft.</b>	<b>74,332</b>	<b>sq. ft.</b>

ERU Calculation: 74,332 / 4000 sf / ERU = 18,583 ERU's  
 New Total Area sq. ft.

Preparer's Signature: *Brandon Robaidek* Date: 2-27-23

Preparer's Printed Name: Brandon Robaidek





### LEGEND

<ul style="list-style-type: none"> <li>○ FIRE HYDRANT</li> <li>⊗ WATER VALVE/CURB STOP</li> <li>⊙ WATER MANHOLE</li> <li>▽ REDUCER/INCREASER</li> <li>○ SANITARY MANHOLE</li> <li>● AIR RELIEF MANHOLE</li> <li>⊙ STORM MANHOLE</li> <li>⊙ OPEN STORM MANHOLE</li> <li>⊙ STORM INLET</li> <li>⊙ STORM INLET MANHOLE</li> <li>⊙ TANK COVER</li> <li>⊙ SOIL BORING</li> <li>● POST</li> <li>● IRON PIPE/ROD</li> <li>△ PK NAIL</li> </ul>	<ul style="list-style-type: none"> <li>⊠ POWER POLE</li> <li>⊠ POWER POLE W/GUY WIRE</li> <li>⊠ LIGHT POLE</li> <li>⊠ TRAFFIC SIGNAL POLE</li> <li>⊠ ELECTRIC MANHOLE</li> <li>⊠ ELECTRIC METER</li> <li>⊠ TELEPHONE MANHOLE</li> <li>⊠ TELEPHONE PEDESTAL</li> <li>⊠ CABLE TV MANHOLE</li> <li>⊠ CABLE TV PEDESTAL</li> <li>⊠ GAS VALVE</li> <li>⊠ GAS METER</li> <li>⊠ MAILBOX</li> <li>⊠ SIGN</li> <li>⊠ BOLLARD</li> </ul>	<ul style="list-style-type: none"> <li>☼ DECIDUOUS TREE</li> <li>☼ CONIFEROUS TREE</li> <li>☼ BUSH</li> <li>☼ RIP RAP</li> <li>⊠ CULVERT</li> <li>⊠ WETLANDS</li> <li>♿ HANDICAP PARKING</li> <li>⊠ TO BE DEMOLISHED</li> <li>✂ TREE/SHRUB TO BE REMOVED</li> </ul>
---	--	---

<ul style="list-style-type: none"> <li>——— EDGE OF ASPHALT</li> <li>——— EDGE OF GRAVEL</li> <li>——— CURB &amp; GUTTER</li> <li>——— TREE/BRUSH LINE</li> <li>——— CONTOUR LINE</li> <li>——— RETAINING WALL</li> <li>——— GUARD RAIL</li> <li>——— FENCE</li> </ul>	<ul style="list-style-type: none"> <li>——— 8SS</li> <li>——— 4FM</li> <li>——— 10ST</li> <li>——— 6W</li> <li>——— G</li> <li>——— OT</li> <li>——— T</li> <li>——— OE</li> <li>——— E</li> <li>——— OTV</li> <li>——— TV</li> <li>——— FO</li> </ul>
--	--

<ul style="list-style-type: none"> <li>GR. GRAVEL</li> <li>BIT. BITUMINOUS</li> <li>ASPH. ASPHALT</li> <li>CONC. CONCRETE</li> <li>SW SIDEWALK</li> <li>BLDG BUILDING</li> <li>HSE HOUSE</li> <li>PED PEDESTAL</li> <li>PP POWER POLE</li> <li>LP LIGHT POLE</li> <li>BM BENCH MARK</li> </ul>	<ul style="list-style-type: none"> <li>WM WATERMAIN</li> <li>HYD. HYDRANT</li> <li>WV WATER VALVE</li> <li>SAN SANITARY SEWER</li> <li>MH MANHOLE</li> <li>ST STORM SEWER</li> <li>CB CATCH BASIN</li> <li>TELE TELEPHONE</li> <li>ELEC ELECTRIC</li> <li>TV TELEVISION</li> <li>STA. STATION</li> </ul>	<ul style="list-style-type: none"> <li>VPC VERTICAL POINT OF CURVATURE</li> <li>VPI VERTICAL POINT OF INTERSECTION</li> <li>VPT VERTICAL POINT OF TANGENCY</li> <li>PC POINT OF CURVATURE</li> <li>PI POINT OF INTERSECTION</li> <li>PT POINT OF TANGENCY</li> <li>R RADIUS</li> <li>EX EXISTING</li> <li>PR PROPOSED</li> <li>EOR END OF RADIUS</li> <li>BOC BACK OF CURB</li> </ul>	<ul style="list-style-type: none"> <li>B-B BACK TO BACK (OF CURB)</li> <li>F-F FACE TO FACE (OF CURB)</li> <li>R/W RIGHT OF WAY</li> <li>T/C TOP OF CURB</li> <li>F/L FLOW LINE</li> <li>C/L CENTERLINE</li> <li>R/L REFERENCE LINE</li> <li>INV. INVERT</li> <li>CMP CORRUGATED METAL PIPE</li> <li>RCP REINFORCED CONCRETE PIPE</li> <li>CULV. CULVERT</li> </ul>
--	--	---	---

#### UTILITY INFORMATION:

UTILITIES PRESENT:  
 VILLAGE OF HOBART UTILITIES, BROWN COUNTY AUSTIN STRAUBEL INTERNATIONAL AIRPORT, BROWN COUNTY WATER AUTHORITY, WIN, LLC., NSIGHT TELESERVICES, NET LEC, ONEIDA UTILITIES DEPARTMENT AND WISCONSIN PUBLIC SERVICE.

UTILITIES SHOWN ON THIS MAP ARE BASED ON LOCATES FROM:  
 DIGGER'S HOTLINE TICKET NUMBER 20230500329 & 20230500331 & DATE 02-09-2023, VISIBLE OBSERVATION AND RECORD UTILITY PLAN DOCUMENTS. UTILITY LINE LOCATIONS SHOULD BE VERIFIED PRIOR TO ANY DIGGING. THIS SITE MAY CONTAIN BURIED UTILITIES NOT IDENTIFIED ON THIS MAP.

DIGGERS HOTLINE = 1-800-242-8511

<p>WATER:                  CENTRAL BROWN CO. WATER AUTHORITY                  3100 EATON RD                  BELLEVUE, WI 54311                  (920) 884-1077</p>	<p>TELECOMMUNICATIONS:                  WIN TECHNOLOGY                  4955 BULLS FARM ROAD                  EAU CLAIRE, WI. 54701                  (920) 840-6861</p>	<p>TELECOMMUNICATIONS:                  NET LEC / NSIGHT / CELLCOM                  C/O MI TECH SERVICES                  221 W. WASHINGTON ST.                  APPLETON, WI 54911                  (920) 739-7659</p>
<p>WATER/SANITARY/STORM SEWER:                  DEPARTMENT OF PUBLIC WORKS                  VILLAGE OF HOBART                  2990 S. PINE TREE RD.                  HOBART, WI 54155                  (920) 869-3807</p>	<p>GAS &amp; ELECTRIC:                  WISCONSIN PUBLIC SERVICE CORP.                  700 N. ADAMS ST.                  GREEN BAY, WI 54307                  (800) 797-7434</p>	

**DIGGERS HOTLINE**  
 Dial 811 or (800) 242-8511  
[www.DiggersHotline.com](http://www.DiggersHotline.com)

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN  
 WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

BENCHMARK		BENCHMARK ESTABLISHED BY: ROBERT E. LEE & ASSOCIATES, INC.
NO.	DESCRIPTION	EL.
50	TOP OF SEPTIC PIPE	716.84
51	NAIL IN PP 2319 11E11	711.00
52	NAIL IN PP 2319 1L7	711.70

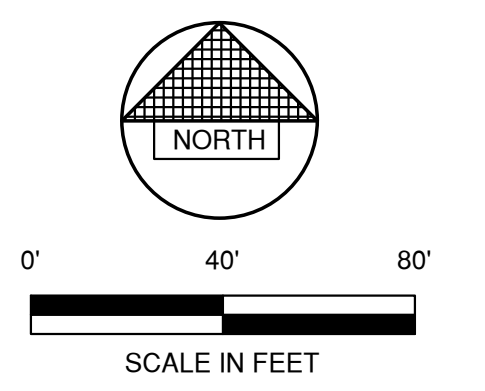
#### OWNER INFORMATION:

VILLAGE OF HOBART  
 2990 SOUTH PINE TREE ROAD  
 HOBART, WI 54155  
 920-869-3804  
 CONTACT: AARON KRAMER

#### CONTRACTOR INFORMATION:

BAYLAND BUILDINGS, INC.  
 PO BOX 13571  
 GREEN BAY, WI 54307  
 920-371-6200  
 CONTACT: DAVID O'BRIEN

- #### DEMOLITION NOTES
- EXISTING ASPHALT AND BASE COURSE MAY BE PULVERIZED AND STOCKPILED ON SITE FOR FUTURE USE.
  - EXISTING GAS, ELECTRIC, CABLE TELEVISION AND TELEPHONE TO BE REMOVED AND/OR RELOCATED BY OTHERS. WORK SHALL BE COORDINATED BY GENERAL CONTRACTOR.
  - ALL MISCELLANEOUS STRUCTURES SHALL BE REMOVED.
  - DRIVEWAY OPENINGS SHALL BE REMOVED AND CURB OPENINGS SHALL BE CLOSED IN ACCORDANCE WITH STANDARD DETAIL "CURB REMOVAL". SEE DETAIL SHEETS.



**PRELIMINARY**  
 Not for Construction

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

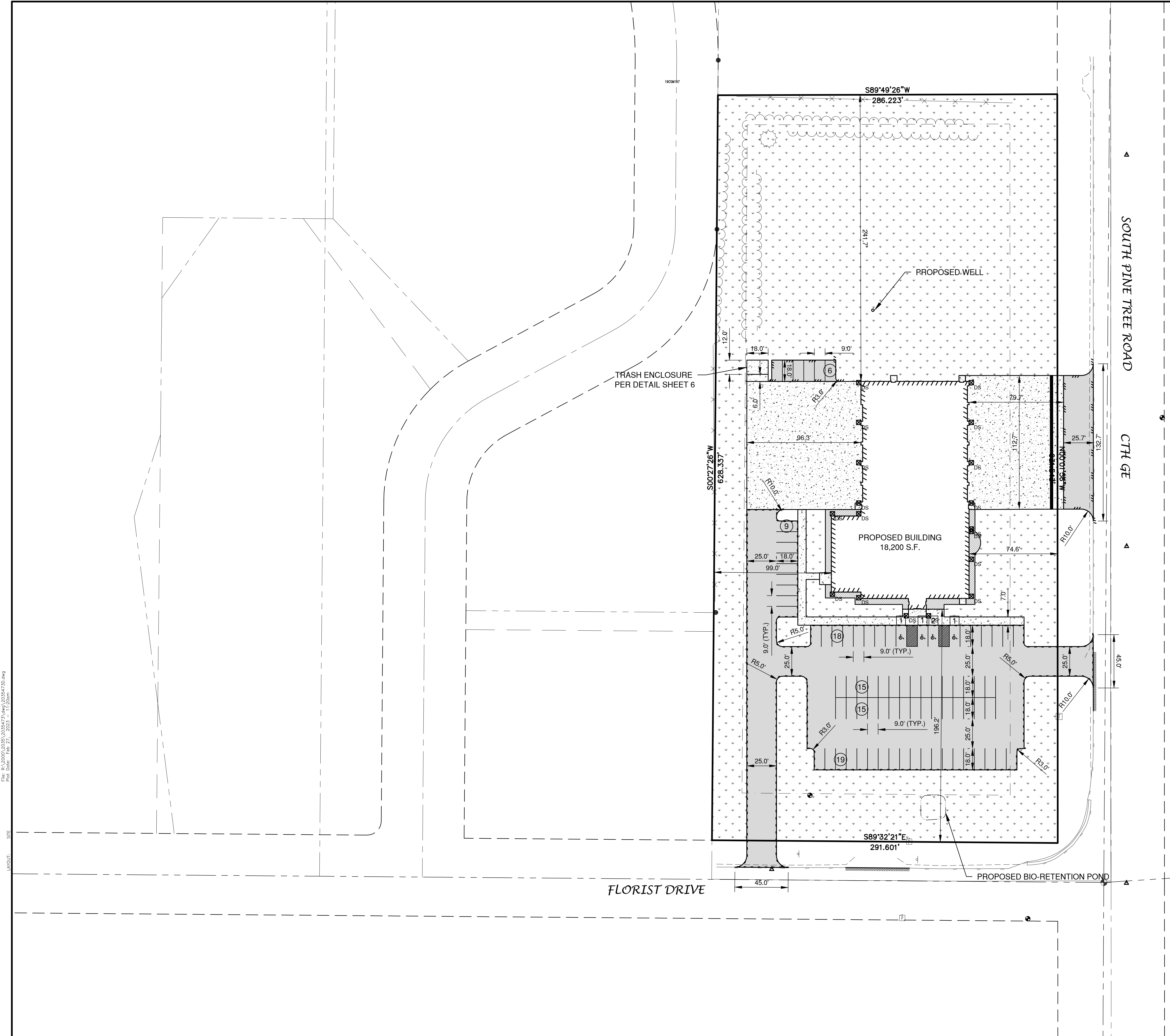
DRAWN BDR  
 CHECKED  
 DESIGNED BDR

**HOBART FIRE STATION  
 FOR BAYLAND BUILDINGS, INC.  
 VILLAGE OF HOBART  
 BROWN COUNTY, WISCONSIN**

EXISTING SITE CONDITIONS AND DEMOLITION PLAN

DATE 02/2023		SHEET NO. <b>1</b>
FILE 2035473T		
JOB NO. 2035473		

1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com



**LEGEND**

- CONCRETE PAVEMENT
- ASPHALT PAVEMENT (LIGHT) (37,351 S.F.)
- LANDSCAPE AREA
- GREEN SPACE
- TRAFFIC FLOW ARROW
- HANDICAPPED PARKING
- INDICATES NUMBER OF PARKING STALLS
- WALL PACK

\*NOTE: ALL DIMENSIONS ARE TO THE FACE OF CURB, UNLESS NOTED OTHERWISE

1

2

**NOTE**  
 ALL DISTURBED AREAS SHALL BE TOPSOILED TO A DEPTH OF 6 INCHES, SEEDED AND MULCHED. AREA TO BE RAKED FREE OF STONES AND CLUMPS.

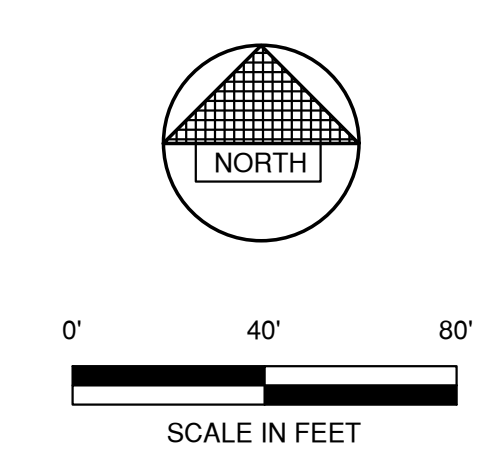
**PARKING DATA**  
 TOTAL PARKING STALLS PROVIDED = 82  
 HANDICAP ACCESSIBLE PARKING STALLS = 4

**SITE DATA**  
 TOTAL AREA = 4.18 ACRES, 181,993 S.F.  
 BUILDING AREA = 0.42 ACRES, 18,200 S.F. (10.0%)  
 SIDEWALK/PARKING LOT AREA = 1.29 ACRES, 56,132 S.F. (30.8%)  
 GREEN SPACE = 2.47 ACRES, 107,661 S.F. (59.2%)

**ZONING**  
 A-1: AGRICULTURAL DISTRICT

**PARCEL NO.**  
 HB-83-1

File: R:\2020\2035\2035473D.dwg, 2035473D.dwg  
 Plot Date: Feb 22, 2023 11:20am  
 SITE  
 LAYOUT:



**PRELIMINARY**  
 Not for Construction

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION	DRAWN BDR	DATE	FILE	JOB NO.	SHEET NO.

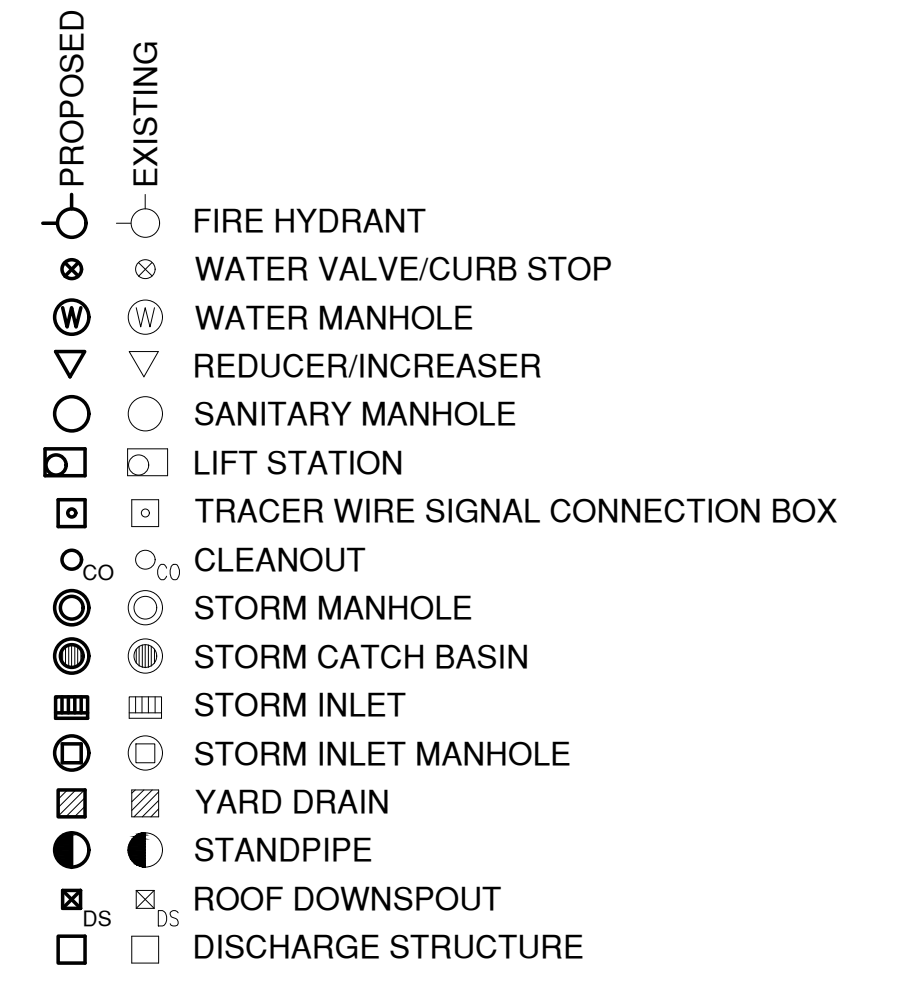
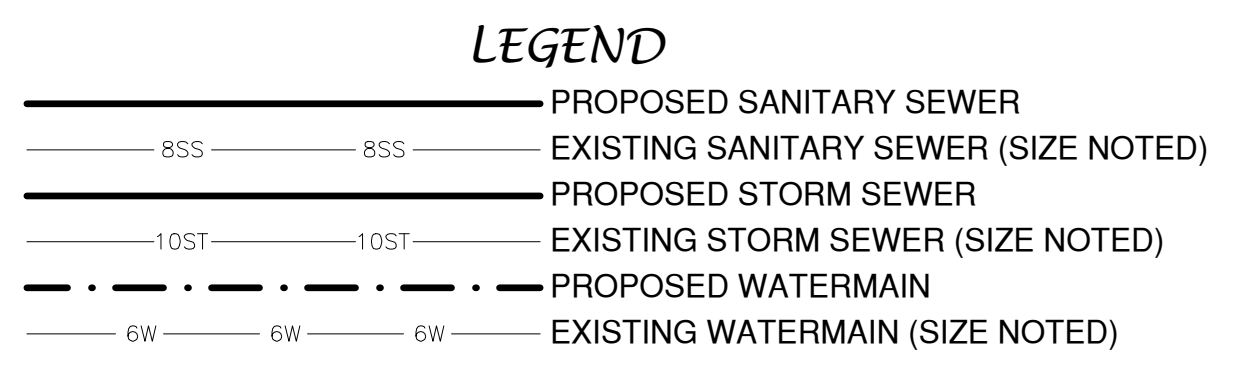
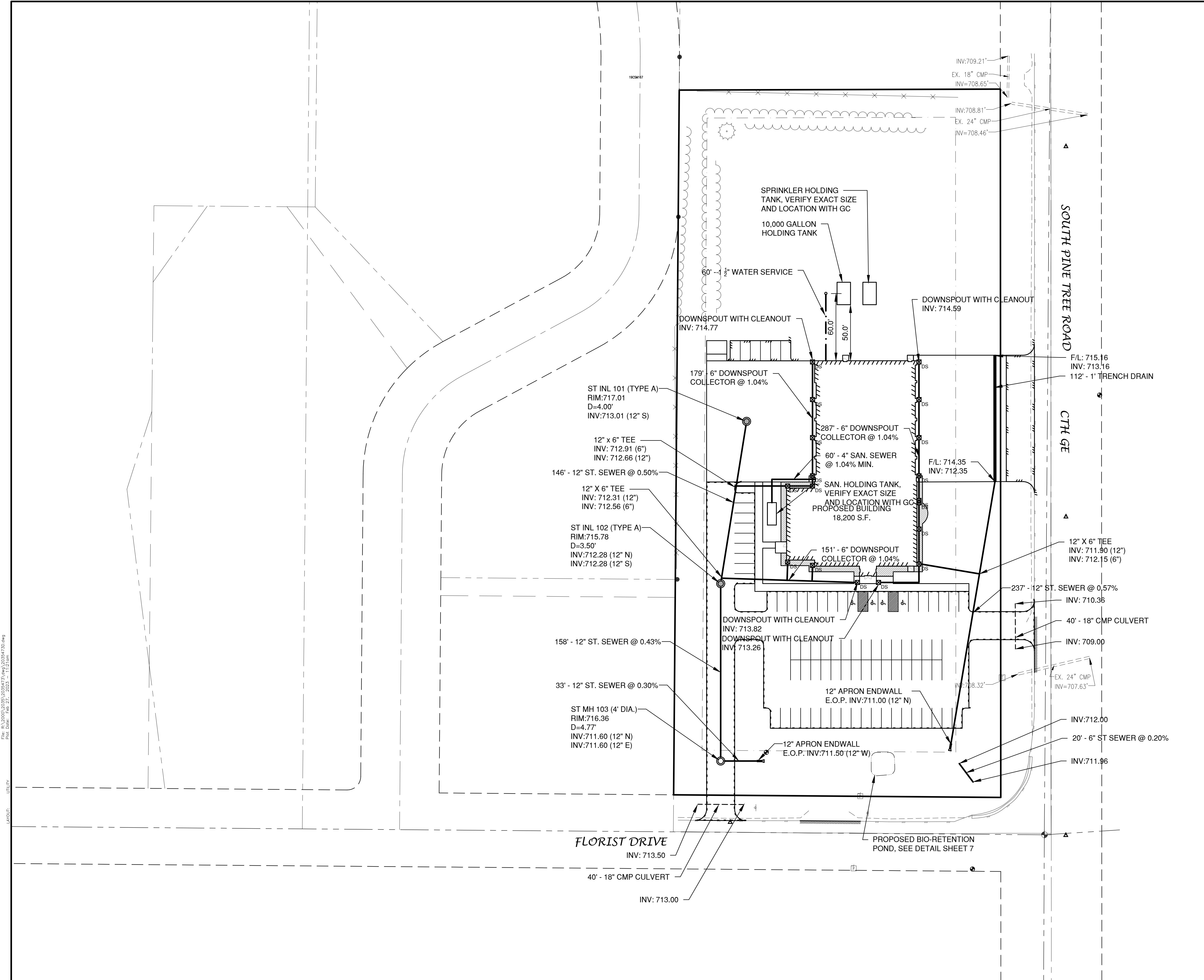
**HOBART FIRE STATION**  
 FOR BAYLAND BUILDINGS, INC.  
 VILLAGE OF HOBART  
 BROWN COUNTY, WISCONSIN

**SITE PLAN**

DATE: 02/20/23  
 FILE: 2035473D  
 JOB NO.: 2035473

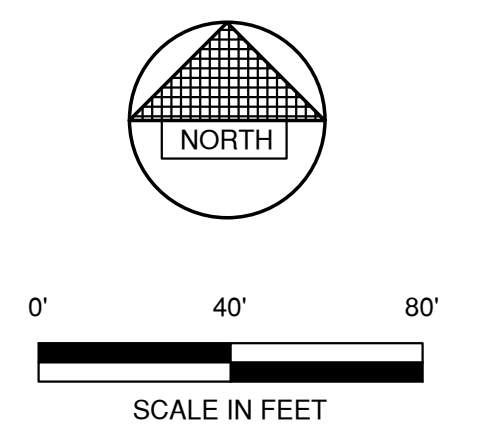
**REL Robert E. Lee & Associates, Inc.**  
 1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO.  
**2**



- NOTE**
1. A MINIMUM OF 6.5 FEET OF COVER SHALL BE MAINTAINED OVER ALL WATERMAIN.
  2. SANITARY SEWER, WATERMAIN AND STORM SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN AND ADMINISTRATIVE CODE CHAPTERS COMM 81-87.
  3. FIELD VERIFY LOCATION OF EXISTING UTILITIES. IF EXISTING LOCATIONS DIFFER FROM WHAT IS INDICATED ON THE PLANS, **CONTACT ENGINEER**, PRIOR TO CONTINUED WORK.
  4. ALL SANITARY SEWER, STORM SEWER AND WATER SERVICES / MAINS SHALL BE PROVIDED WITH TRACER WIRE OR OTHER METHOD TO BE LOCATED.
  5. EXISTING GAS, ELECTRIC, CABLE TELEVISION AND TELEPHONE TO BE REMOVED AND/OR RELOCATED BY OTHERS. WORK SHALL BE COORDINATED BY GENERAL CONTRACTOR.

File: R:\2020\2035\2035473D.dwg, 2025/4/20 11:27:04 AM  
 Plot Date: Feb 22, 2023 11:27:04 AM  
 Utility  
 Layout



**PRELIMINARY**  
Not for Construction

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

DRAWN BDR  
 CHECKED  
 DESIGNED BDR

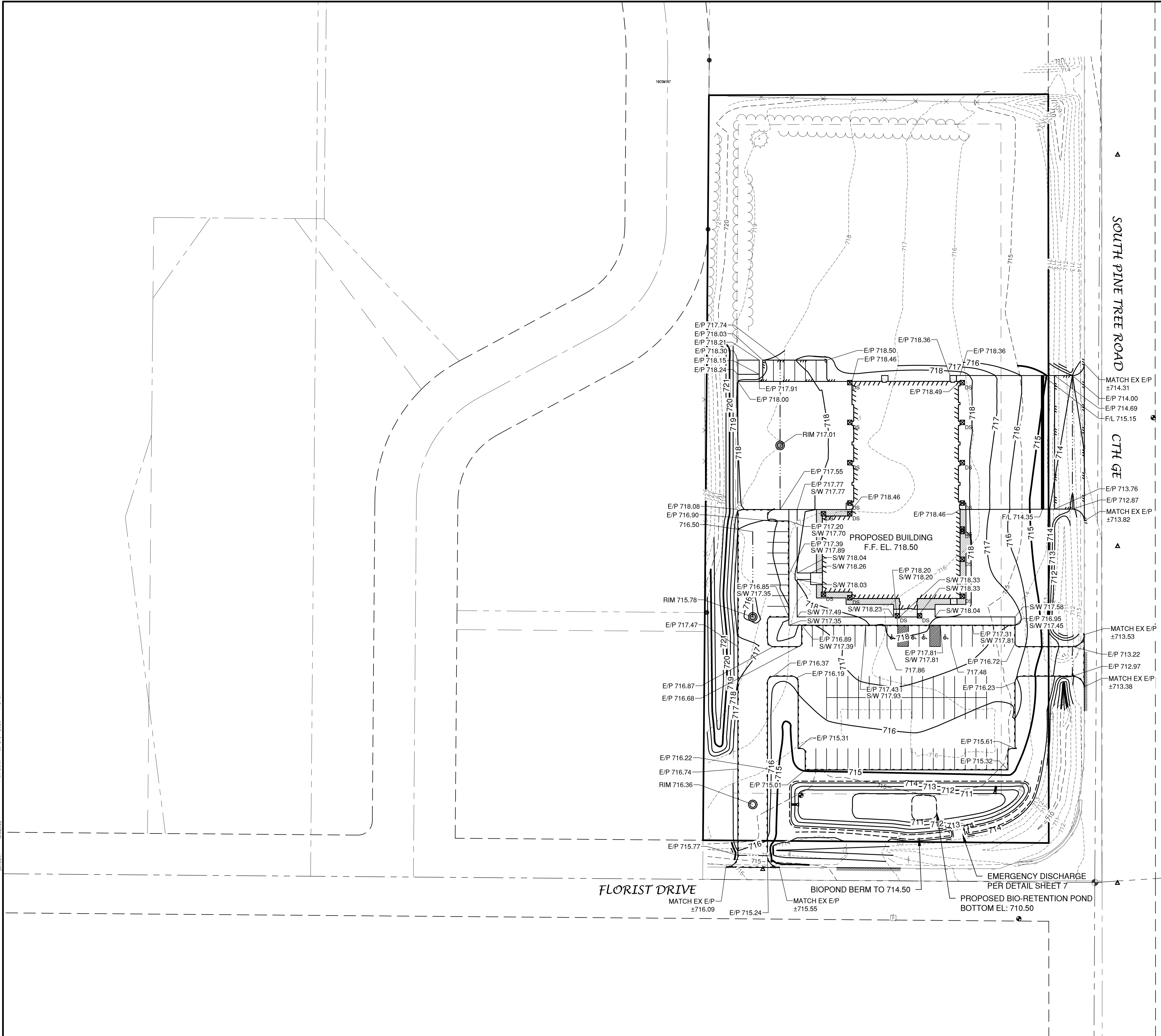
HOBART FIRE STATION  
 FOR BAYLAND BUILDINGS, INC.  
 VILLAGE OF HOBART  
 BROWN COUNTY, WISCONSIN

DATE 02/20/23  
 FILE 2035473D  
 JOB NO. 2035473

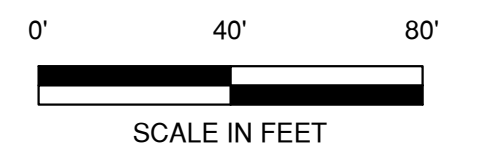
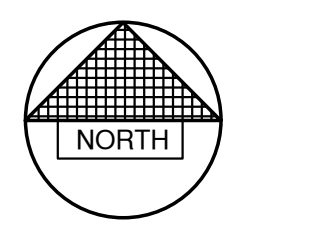
**REL Robert E. Lee & Associates, Inc.**  
 1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO. **3**

File: R:\2020\2035\2035473D\463\2035473D.dwg  
 Plot Date: Feb 22, 2023 11:21am  
 GRADING  
 LAYOUT



- LEGEND**
- T/C 999.99 TOP OF CURB ELEVATION
  - F/L 888.88 FLOW LINE ELEVATION
  - S/W 666.66 TOP OF SIDEWALK ELEVATION
  - E/P 555.55 EDGE OF PAVEMENT ELEVATION
  - R/W 444.44 TOP OF RETAINING WALL ELEVATION
  - 333.33 GROUND ELEVATION
  - DRAINAGE SWALE
  - DRAINAGE DIVIDE
  - FLOW ARROW



**PRELIMINARY**  
Not for Construction

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

DRAWN BDR  
 CHECKED  
 DESIGNED BDR

**HOBART FIRE STATION  
 FOR BAYLAND BUILDINGS, INC.  
 VILLAGE OF HOBART  
 BROWN COUNTY, WISCONSIN**

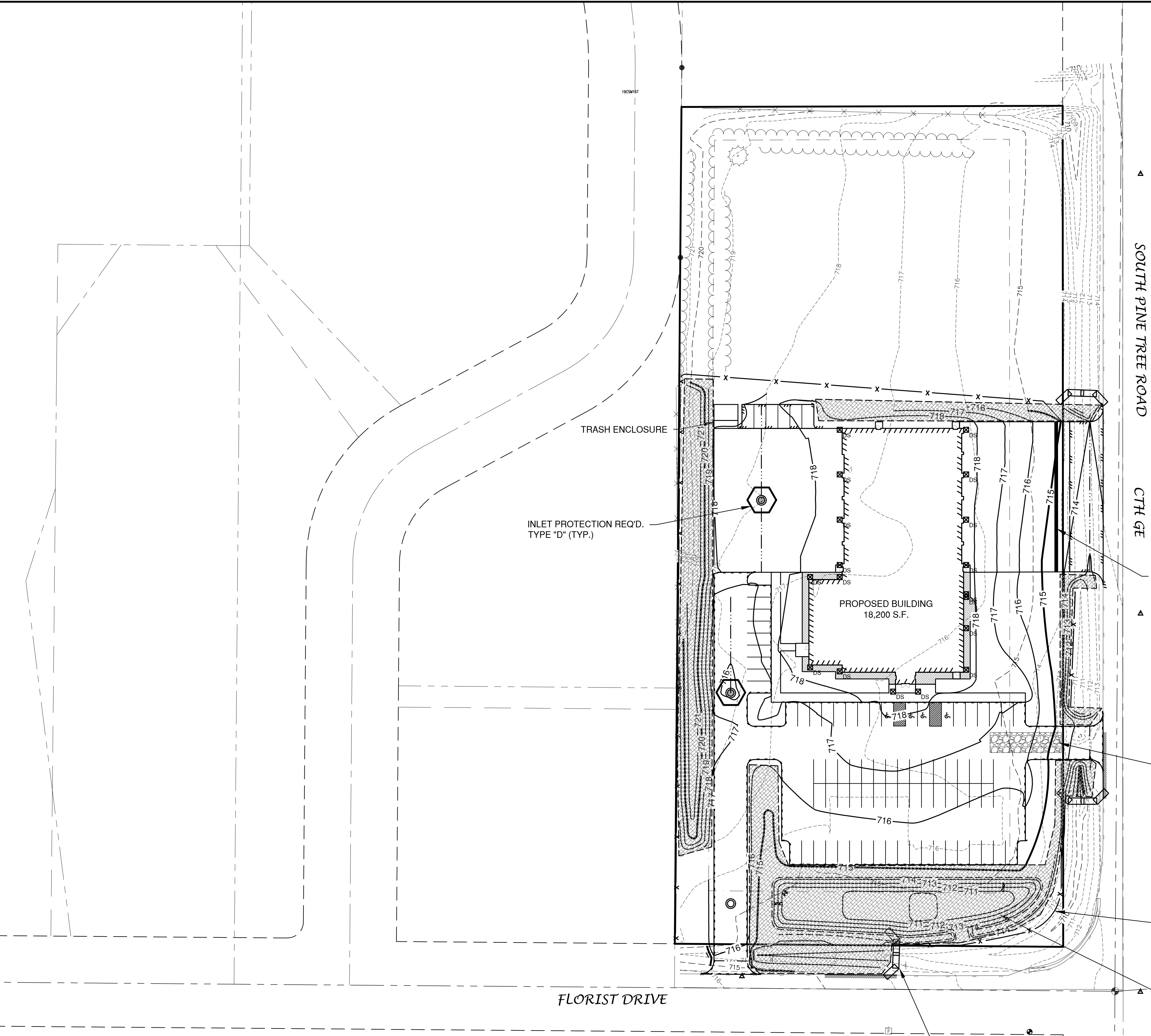
GRADING PLAN

DATE 02/2023  
 FILE 2035473D  
 JOB NO. 2035473



SHEET NO.  
**4**

File: R:\2020\2035\2035473D\44\2035473D.dwg  
 Plot Date: Feb 22, 2023 11:12:00am  
 EROSION CONTROL  
 LAYOUT



**LEGEND**

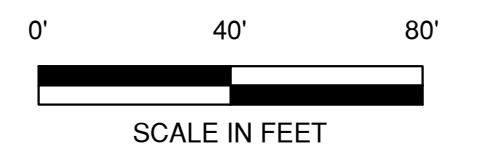
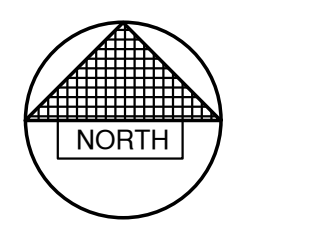
- DRAINAGE SWALE
- DRAINAGE DIVIDE
- FLOW ARROW
- SILT FENCE (PER WDNR TECHNICAL STANDARD 1056)
- DITCH CHECK (PER WDNR TECHNICAL STANDARD 1062)
- TRACKING PAD (PER WDNR TECHNICAL STANDARD 1057)
- EROSION MAT (PER WDNR TECHNICAL STANDARD 1053)
- INLET PROTECTION (PER WDNR TECHNICAL STANDARD 1060)

- EROSION CONTROL**  
 ALL EROSION CONTROL PRACTICES INDICATED ON THIS PLAN ARE APPROXIMATE LOCATIONS ONLY. THE ACTUAL SITE MAY REQUIRE MORE OR LESS EROSION CONTROL DEPENDING ON THE CURRENT CONDITION OF THE SITE.
1. SILT FENCE IS REQUIRED DOWNSLOPE OF ANY DISTURBED LAND THAT MAY CARRY SEDIMENTS OFF SITE.
  2. A TRACKING PAD IS REQUIRED AT ANY INGRESS/EGRESS LOCATION, WHERE SEDIMENT MAY BE TRACKED OFF-SITE.
  3. PROPER INLET PROTECTION SHALL BE USED DEPENDING ON THE INLET TYPE.
  4. ALL NECESSARY SITE DEWATERING SHALL BE PERFORMED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1061.

TRACKING PAD (TYP.)  
 REQUIRED AT ALL CONSTRUCTION  
 INGRESS / EGRESS ACCESS  
 POINTS. FULL WIDTH OF ACCESS.

SILT FENCE REQ'D. (TYP.)

EROSION MAT REQ'D ON  
 ALL 4:1 OR STEEPER SLOPES



**PRELIMINARY**  
 Not for Construction

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

**HOBART FIRE STATION  
 FOR BAYLAND BUILDINGS, INC.  
 VILLAGE OF HOBART  
 BROWN COUNTY, WISCONSIN**

**EROSION CONTROL PLAN**

DATE	02/20/23
FILE	2035473D
JOB NO.	2035473

1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO.  
**5**







**INLET PROTECTION NOTES:**

INLET PROTECTION DEVICES SHALL BE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1060, STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE WDOT PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

**MAINTENANCE NOTES:**

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.

**INSTALLATION NOTES:  
TYPE "B" AND "C"**

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

DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

**TYPE "D"**

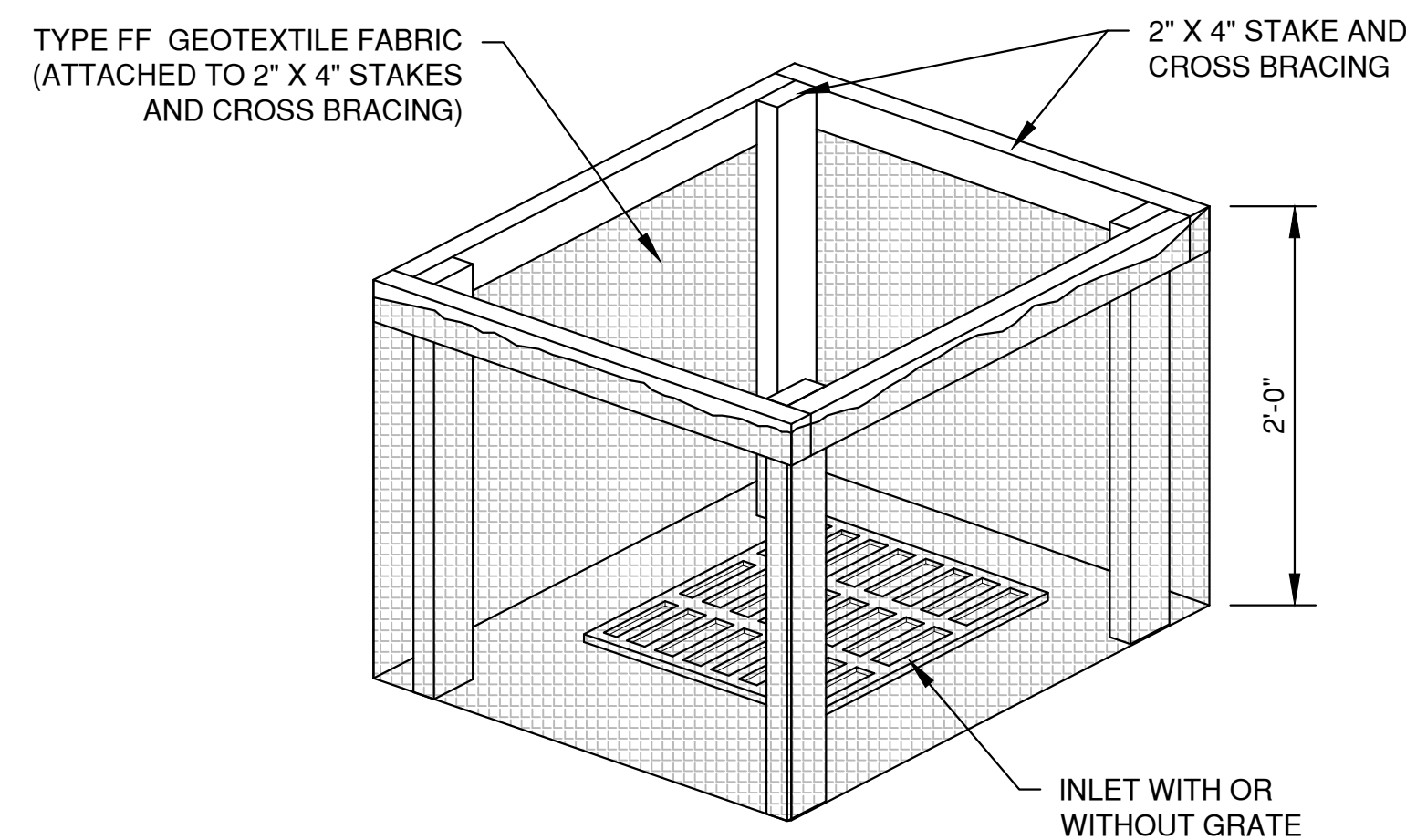
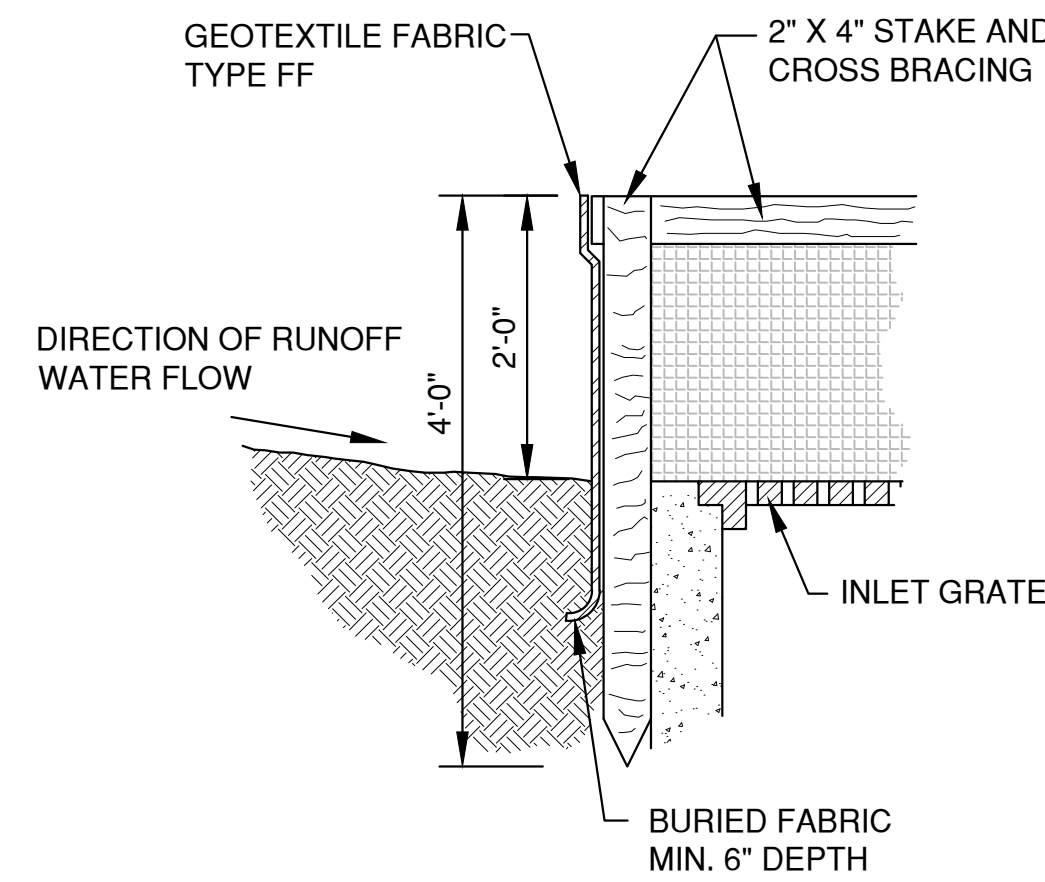
DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30" MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

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

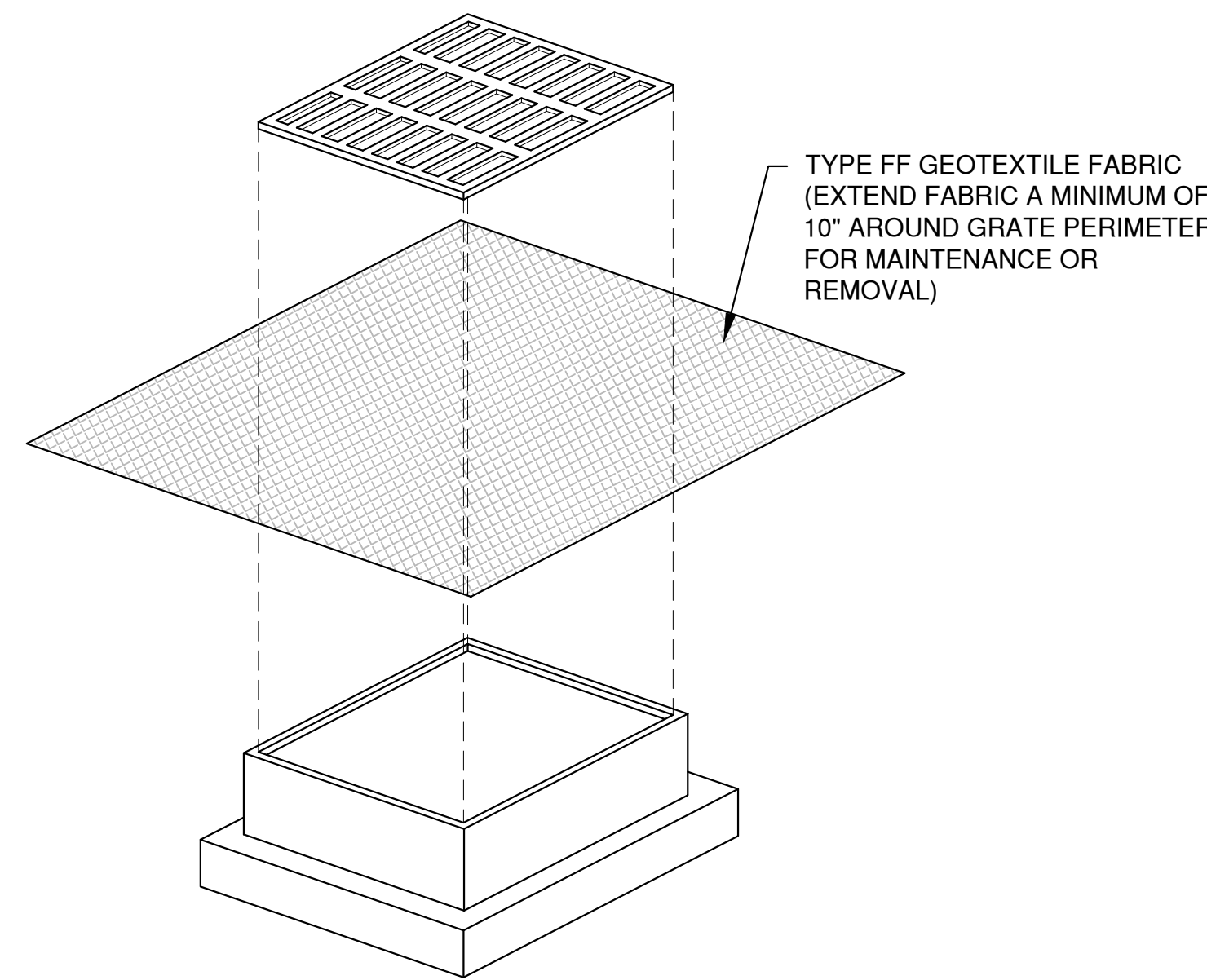
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY, CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT THE MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

**NOTES:**

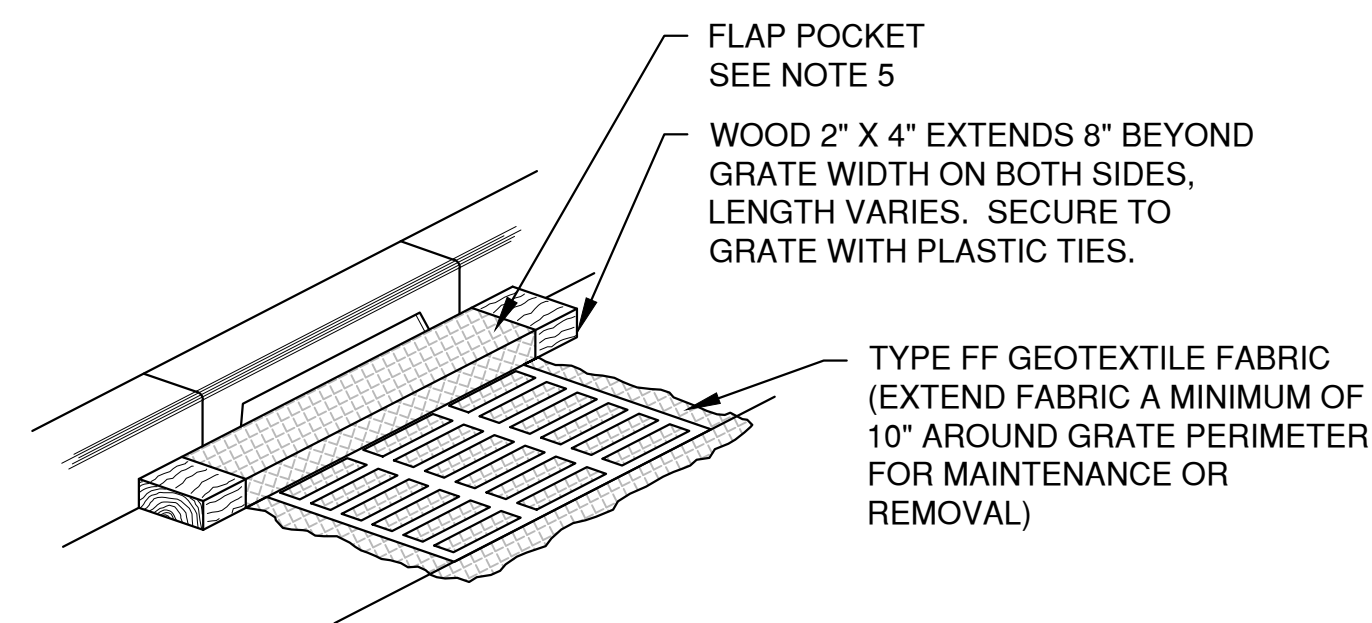
1. TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.
2. GEOTEXTILE FABRIC TYPE FF FOR FLAPS, TOP AND BOTTOM OF THE OUTSIDE OF FILTER BAG. FRONT, BACK AND BOTTOM OF FILTER BAG BEING ONE PIECE.
3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
4. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" X 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.



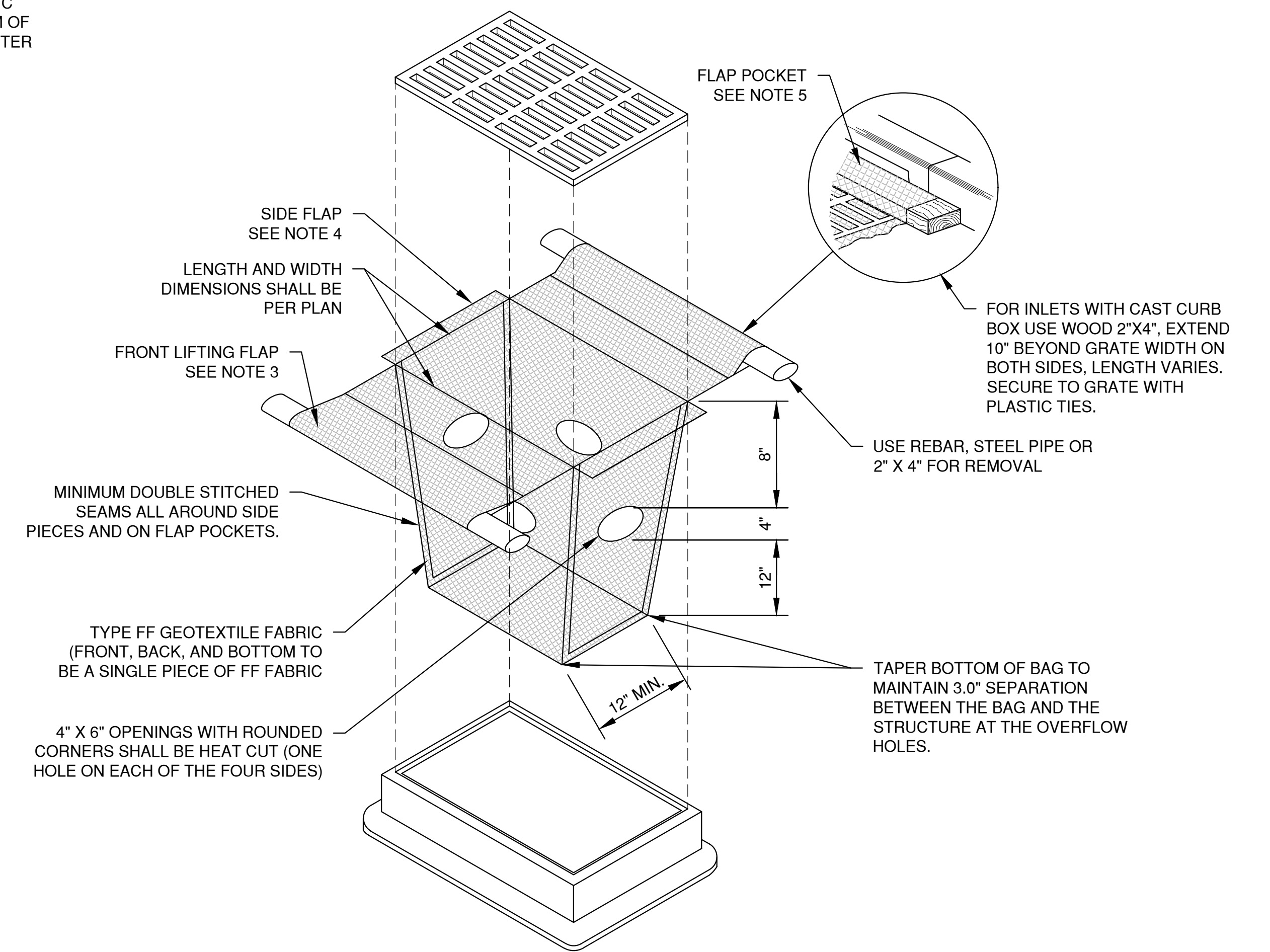
**INLET PROTECTION, TYPE A**



**INLET PROTECTION, TYPE B  
(WITHOUT CURB BOX)  
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)**



**INLET PROTECTION, TYPE C  
(WITH CURB BOX)**



**INLET PROTECTION, TYPE D  
(CAN BE INSTALLED IN INLETS WITH OR WITHOUT CURB BOXES)**

FILE: P:\2005\2015\20150423\144\EROSION CONTROL.dwg  
 PLOT DATE: Feb 27, 2023 9:07:30am  
 LAYOUT: I. INLET PROTECTION

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

DRAWN BDR  
 CHECKED  
 DESIGNED BDR

HOBART FIRE STATION  
 FOR BAYLAND BUILDINGS, INC.  
 VILLAGE OF HOBART  
 BROWN COUNTY, WISCONSIN

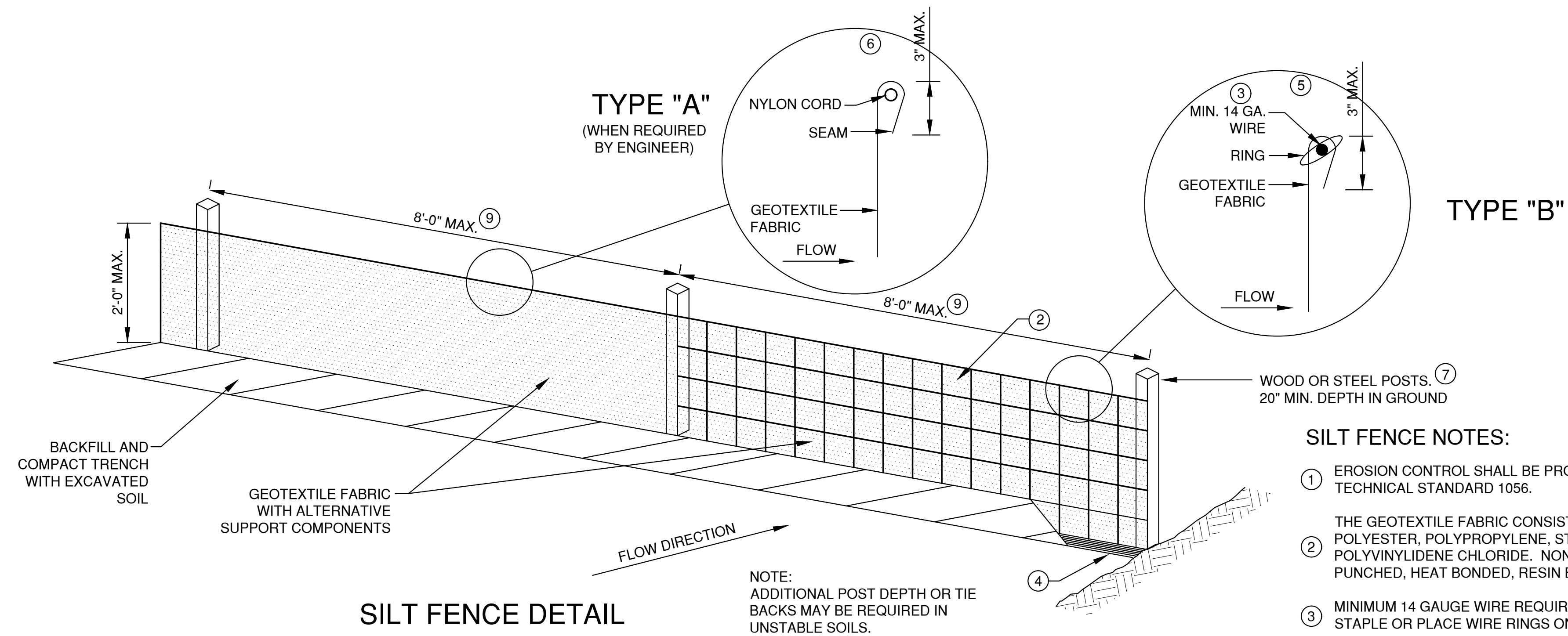
EROSION CONTROL  
 INLET PROTECTION TYPES A, B, C AND D

DATE	02/2023
FILE	EROSION CONTROL
JOB NO.	2055473

1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com



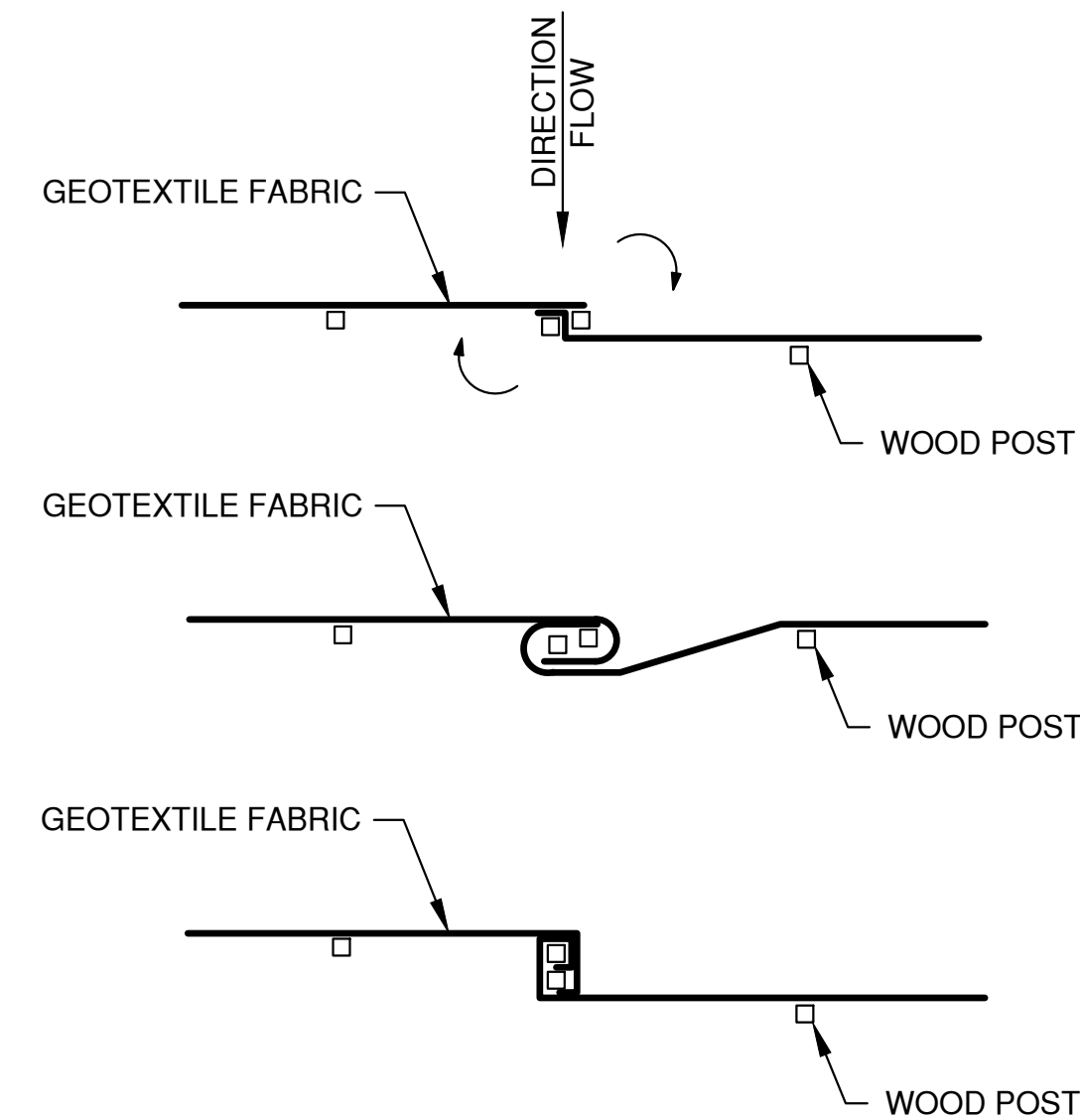




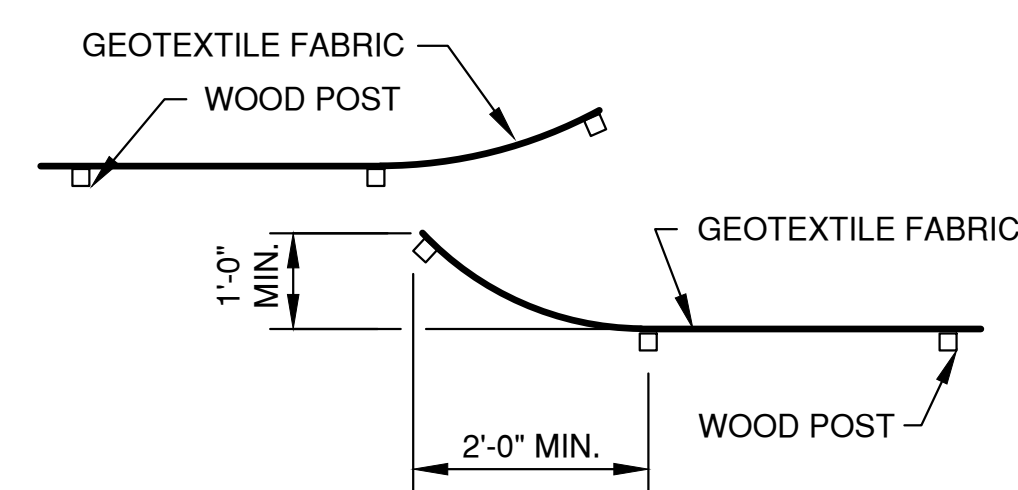
SILT FENCE DETAIL

SILT FENCE NOTES:

- ① EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1056.
- ② THE GEOTEXTILE FABRIC CONSISTS OF EITHER WOVEN OR NON-WOVEN POLYESTER, POLYPROPYLENE, STABILIZED NYLON, POLYETHYLENE OR POLYVINYLIDENE CHLORIDE. NON-WOVEN FABRIC MAY BE NEEDLE PUNCHED, HEAT BONDED, RESIN BONDED, OR COMBINATIONS THEREOF.
- ③ MINIMUM 14 GAUGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C.C.
- ④ EXCAVATE A TRENCH A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL
- ⑤ WIRE SUPPORT FENCE SHALL BE 14 GAUGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C.C. (TYPE B)
- ⑥ GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED. (TYPE A)
- ⑦ STEEL POSTS SHALL BE 5' LONG WITH A MINIMUM STRENGTH OF 1.33 LBS PER FOOT. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY. THE POSTS SHALL BE A MINIMUM OF 3' LONG FOR 24" SILT FENCE AND 4' LONG FOR 36" SILT FENCE.
- ⑧ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL, IF POSSIBLE, BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING TWO METHODS: A.) TWIST METHOD -- OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B.) HOOK METHOD -- HOOK THE END OF EACH SILT FENCE LENGTH.
- ⑨ THE MAXIMUM SPACING OF POSTS FOR WOVEN FABRIC SILT FENCE SHALL BE 8 FEET AND FOR NON-WOVEN FABRIC, 3 FEET.

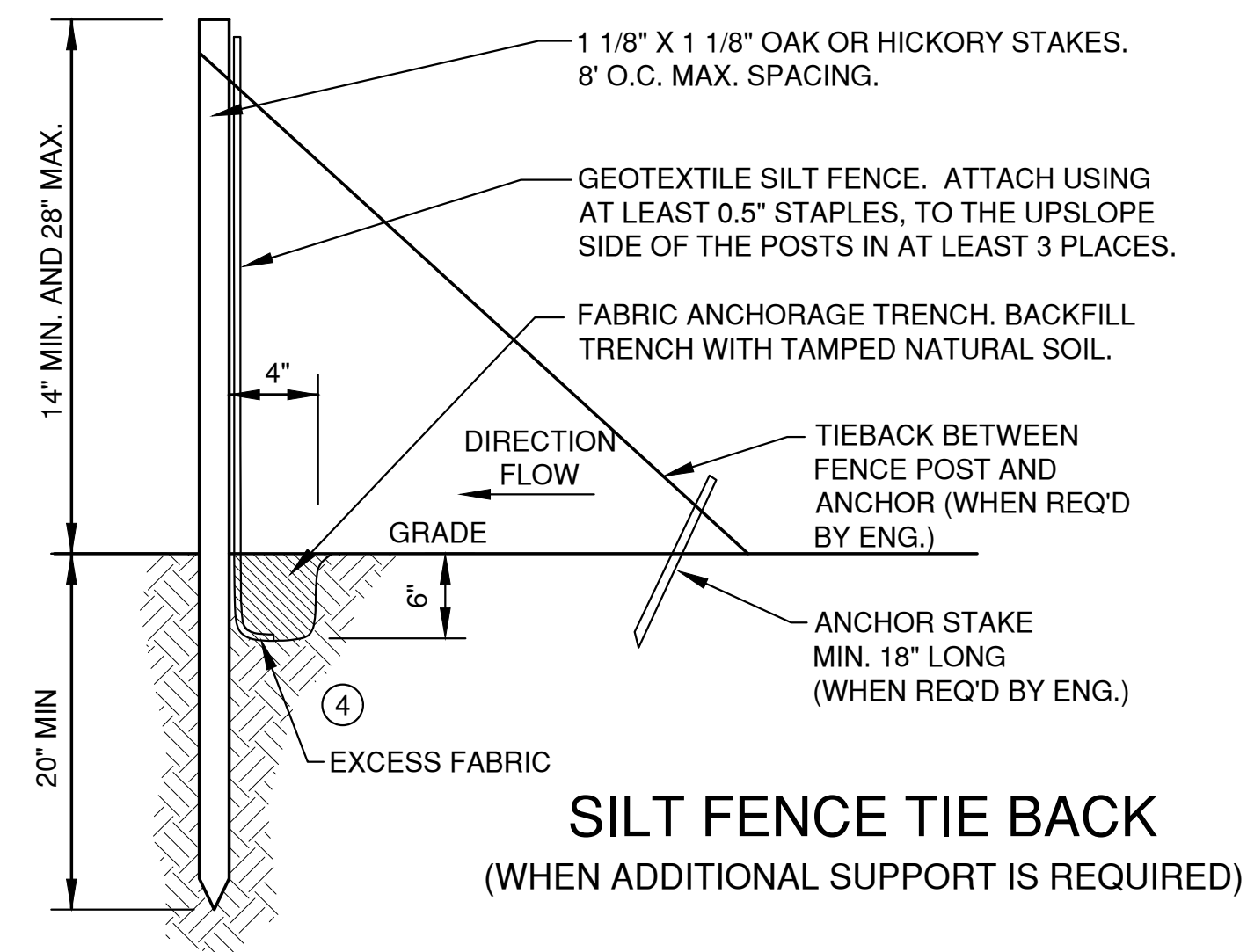


TWIST METHOD ⑧



HOOK METHOD ⑧

JOINING TWO LENGTHS OF SILT FENCE



SILT FENCE TIE BACK (WHEN ADDITIONAL SUPPORT IS REQUIRED)

EROSION CONTROL SHEET FLOW NOTES:

1. ANY SOIL STOCKPILED THAT REMAINS FOR MORE THAN 7 DAYS, SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING.
2. A MINIMUM OF 4" OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDDED OR SODDED.
3. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
4. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. **FLUSHING SHALL NOT BE ALLOWED.**
5. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.
6. FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS, OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY STABILIZATION MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING AND/OR MULCHING.
7. ALL TEMPORARY EROSION CONTROL PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED WITH 70% VEGETATION AND A NOTICE OF TERMINATION HAS BEEN APPROVED BY THE WDNR.
8. WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCH OR A TACKING AGENT MAY NEED TO BE UTILIZED TO PROTECT NEARBY RESIDENCES/WATER RESOURCES.
9. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL THE EROSION CONTROL MEASURES IN CONFORMANCE WITH THE WDNR CONSERVATION PRACTICE STANDARDS LATEST EDITION.
10. UPON COMPLETION OF STORM INLET CONSTRUCTION, INSTALL STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITE AS SPECIFIED.
11. FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM STREETS, PRIVATE DRIVES, OR PARKING AREAS BY MANUAL OR MECHANICAL SWEEPING A MINIMUM OF ONCE A WEEK AND BEFORE ALL IMMINENT RAINS
12. EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF RAINFALL OF 0.5" OR MORE.

LAYOUT: 4 SHEET FLOW

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

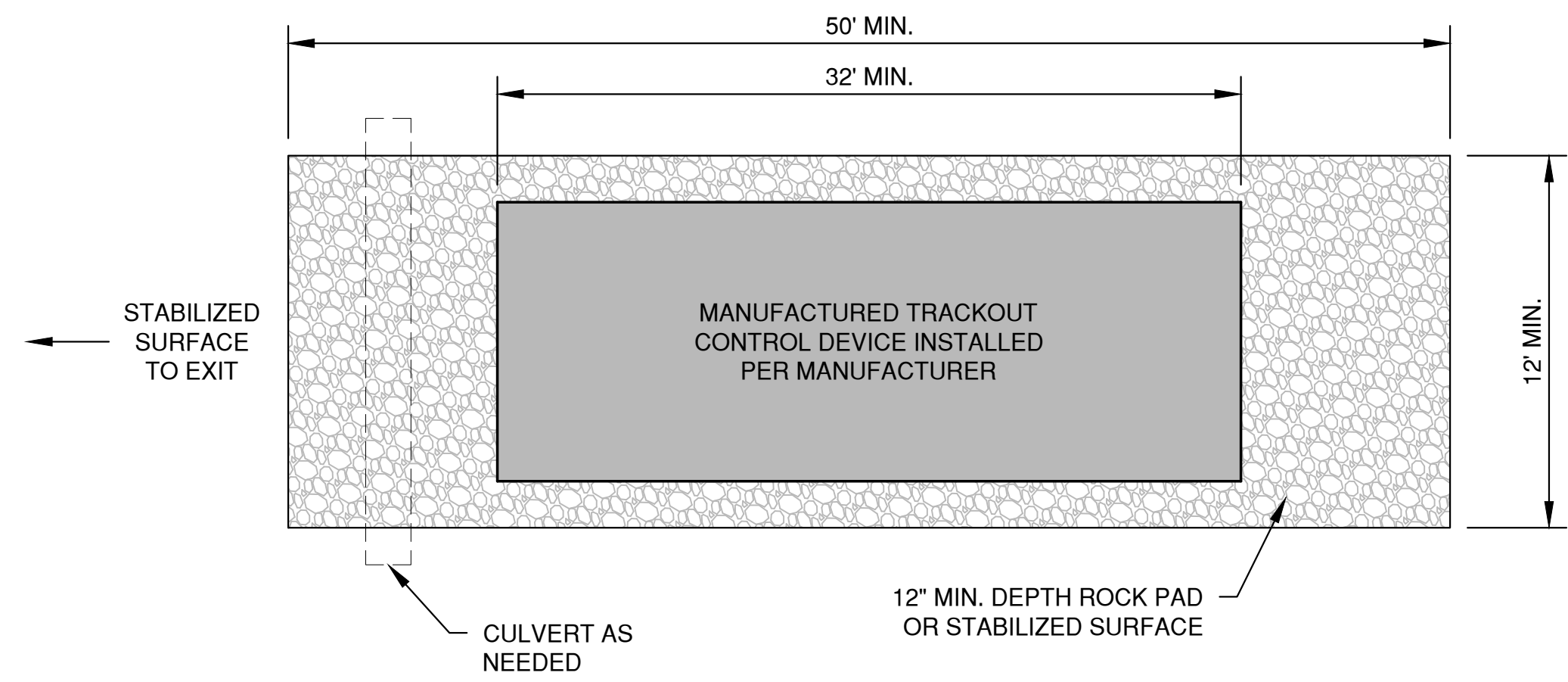
HOBART FIRE STATION  
FOR BAYLAND BUILDINGS, INC.  
VILLAGE OF HOBART  
BROWN COUNTY, WISCONSIN

EROSION CONTROL  
SHEET FLOW DETAILS

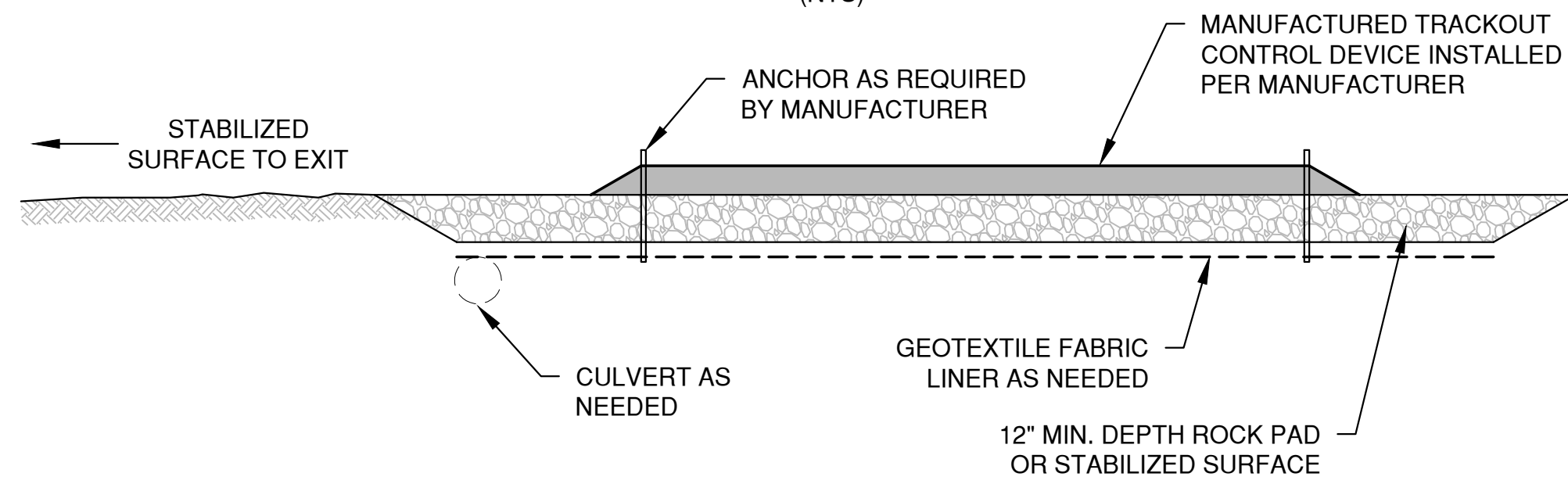
DATE	02/2023
FILE	EROSION CONTROL
JOB NO.	2055473

**REL Robert E. Lee & Associates, Inc.**  
1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

\* TRACKOUT CONTROL TO BE PROVIDED PER DETAILS BELOW AND IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1057



PLAN VIEW (NTS)

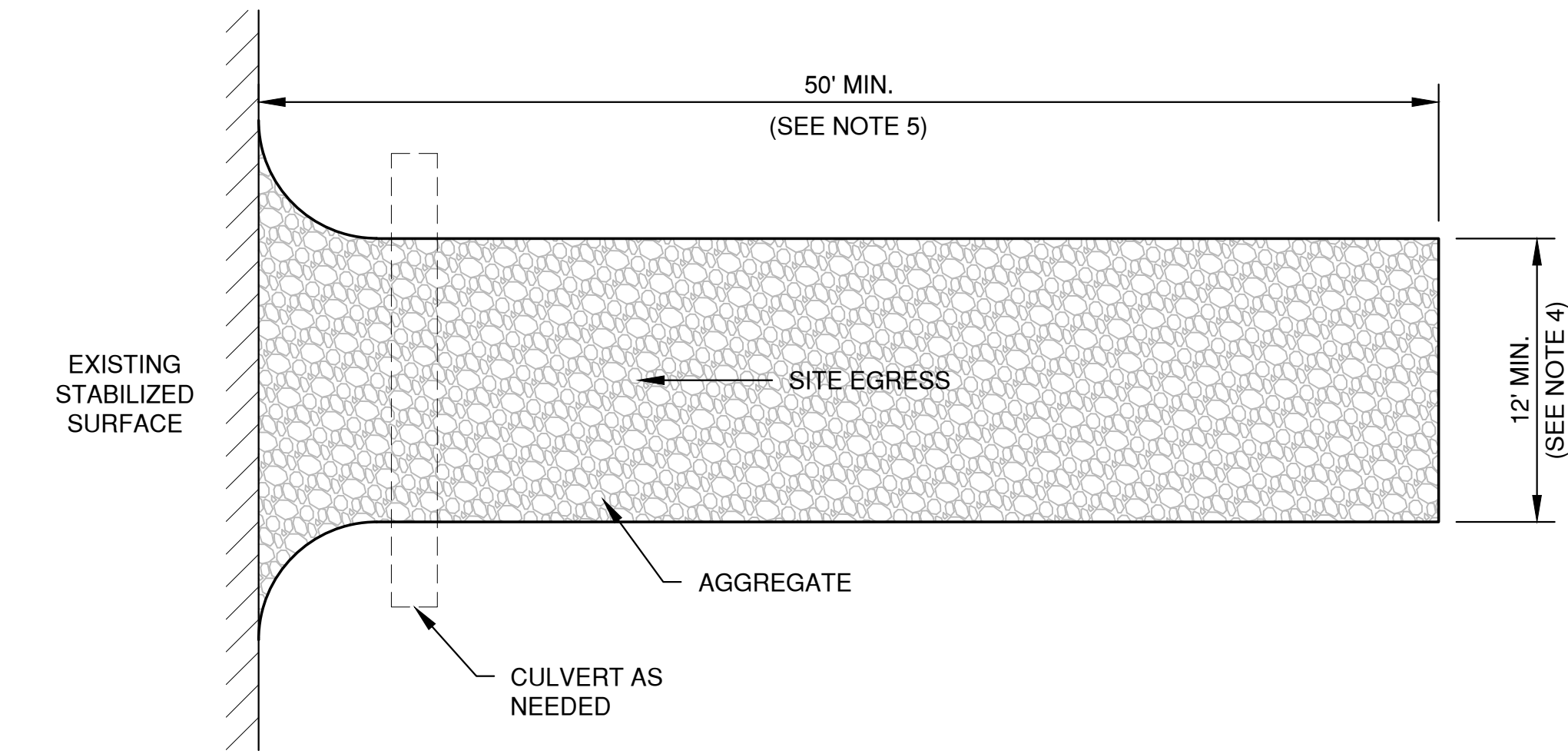


SECTION VIEW

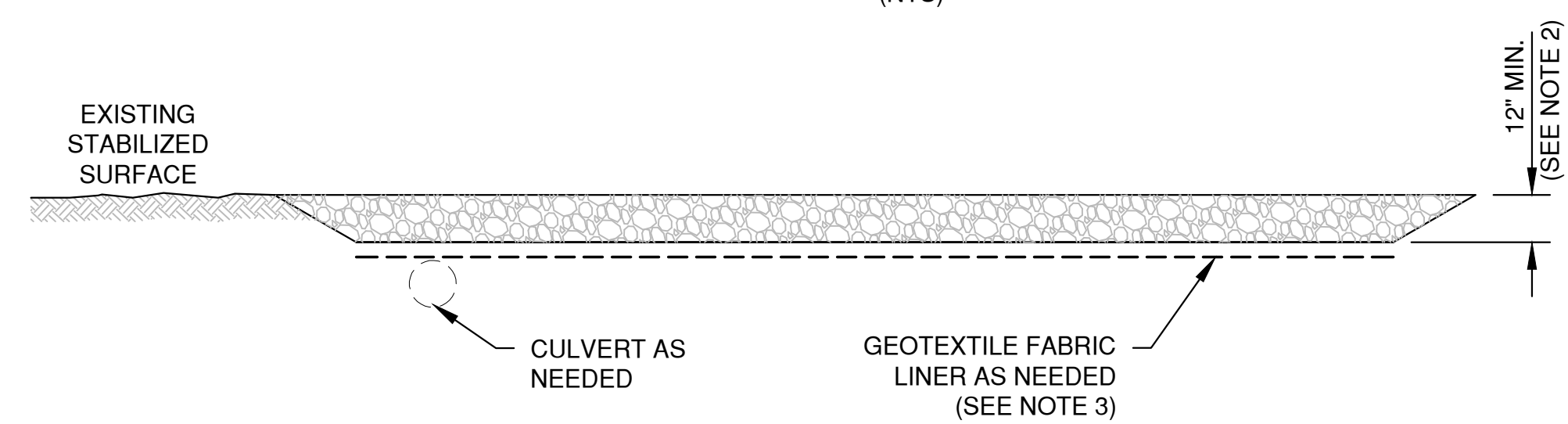
NOTES:

- THIS DETAIL IS PROVIDED AS AN EXAMPLE. COMPLY WITH MANUFACTURER'S SPECIFICATIONS WHILE ALSO MEETING THE MINIMUM MANUFACTURED TRACKING PAD LENGTH AND WIDTH DESCRIBED IN THIS TECHNICAL STANDARD.
- INSTALL SUCH THAT RUNOFF FLOWS TO AN APPROVED TREATMENT PRACTICE.
- A THINNER STONE LAYER OR OTHER STABLE SURFACE MAY BE ACCEPTABLE SUCH THAT RUTTING IS MINIMIZED AS VEHICLES MOUNT OR DISMOUNT FROM THE MANUFACTURERS TRACKOUT CONTROL DEVICE.
- SELECT FABRIC TYPE BASED ON SOIL CONDITIONS AND VEHICLES LOADING.
- DIRECT ALL EXISTING VEHICLES OVER MANUFACTURED TRACKOUT CONTROL DEVICE. STONE TRACKING PAD INSTALLATION ACROSS REMAINING ACCESS WIDTH IS RECOMMENDED. A 12' MINIMUM CAN BE USED WHEN EXITING TRAFFIC IS RESTRICTED TO A DEDICATED EGRESS LANE.
- IF MINIMUM INSTALLATION LENGTH IS NOT POSSIBLE DUE TO SITE GEOMETRY, INSTALL THE MAXIMUM LENGTH PRACTICABLE AND SUPPLEMENT WITH ADDITIONAL PRACTICES AS NEEDED.
- ACCOMMODATE EXITING VEHICLES IN EXCESS OF MANUFACTURED TRACKOUT CONTROL DEVICE WEIGHT CAPACITY WITH OTHER TREATMENT PRACTICES.

MANUFACTURED TRACKOUT CONTROL DETAIL



PLAN VIEW (NTS)



SECTION VIEW

NOTES:

- USE HARD, DURABLE, ANGULAR STONE OR RECYCLED CONCRETE, MEETING THE FOLLOWING GRADATION:
 

SIEVE SIZE:	PERCENT BY WEIGHT PASSING:
3"	100
2 1/2"	90-100
1 1/2"	25-60
3/4"	0-20
3/8"	0-5
- SLOPE THE STONE TRACKING PAD IN A MANNER TO DIRECT RUNOFF TO AN APPROVED TREATMENT PRACTICE.
- SELECT FABRIC TYPE BASED ON SOIL CONDITIONS AND VEHICLES LOADING.
- INSTALL TRACKING PAD ACROSS FULL WIDTH OF THE ACCESS POINT, OR RESTRICT EXISTING TRAFFIC TO A DEDICATED EGRESS LANE AT LEAST 12 FEET WIDE ACROSS THE TOP OF THE PAD.
- IF A 50' PAD LENGTH IS NOT POSSIBLE DUE TO SITE GEOMETRY, INSTALL THE MAXIMUM LENGTH PRACTICABLE AND SUPPLEMENT WITH ADDITIONAL PRACTICES AS NEEDED.

STONE TRACKING PAD DETAIL

LAYOUT: 5. TRACKOUT  
DATE: 02/2023  
FILE: EROSION CONTROL  
JOB NO. 2023473

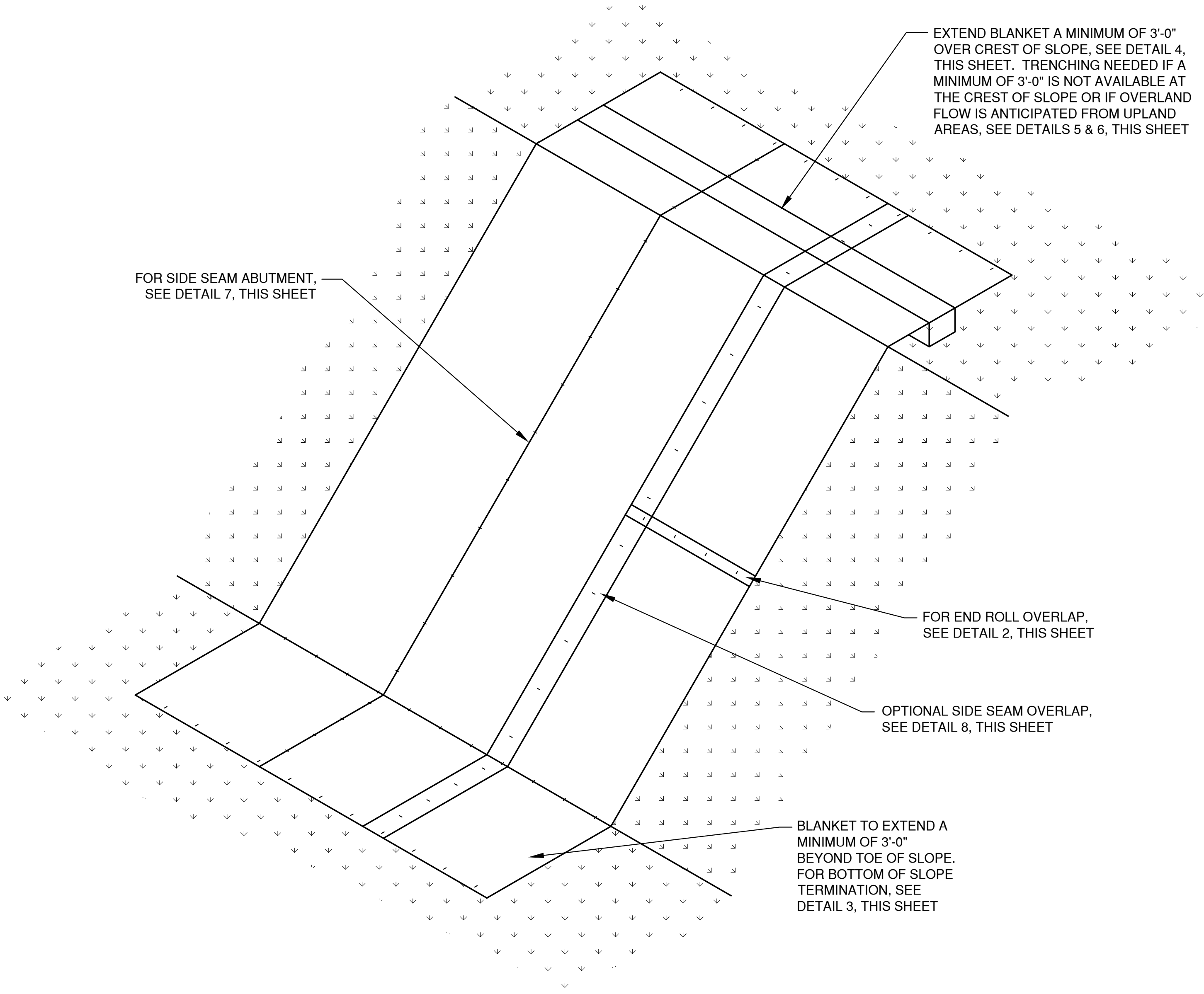
NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION

HOBART FIRE STATION  
FOR BAYLAND BUILDINGS, INC.  
VILLAGE OF HOBART  
BROWN COUNTY, WISCONSIN

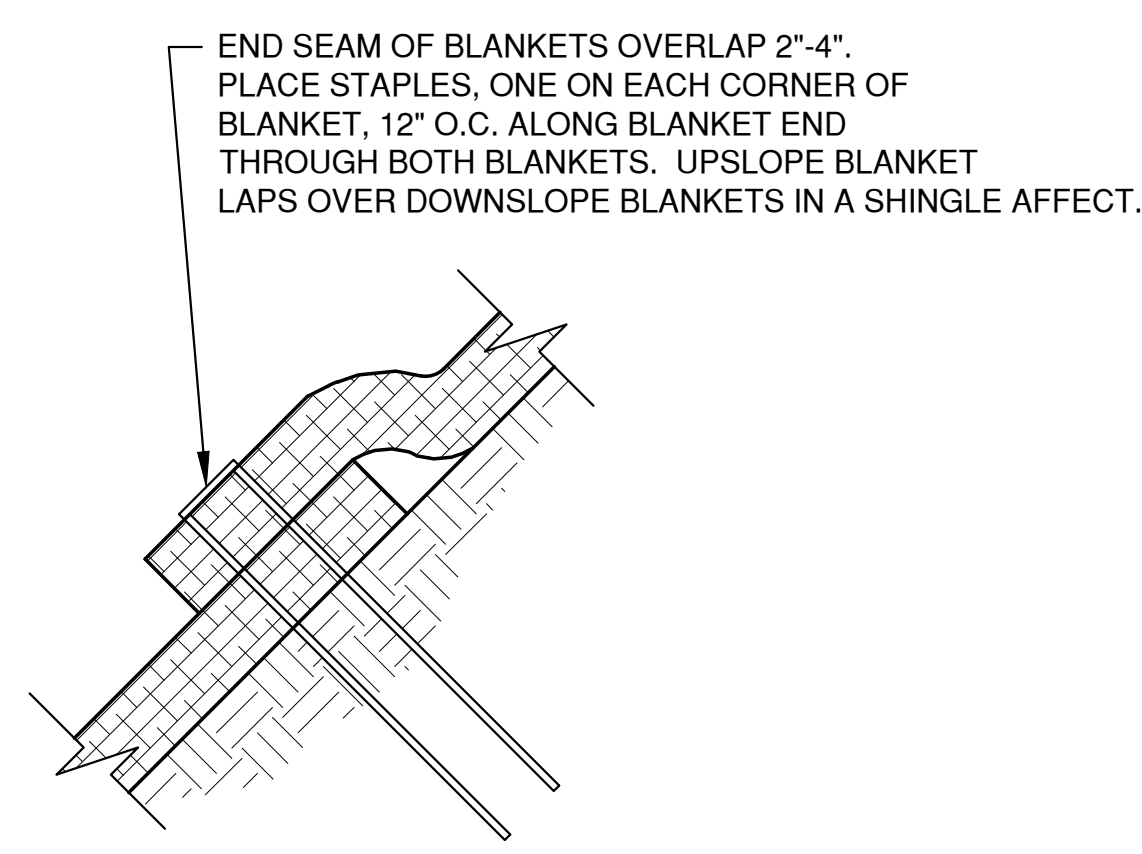
EROSION CONTROL  
TRACKOUT CONTROL PRACTICES

DATE	02/2023
FILE	EROSION CONTROL
JOB NO.	2023473

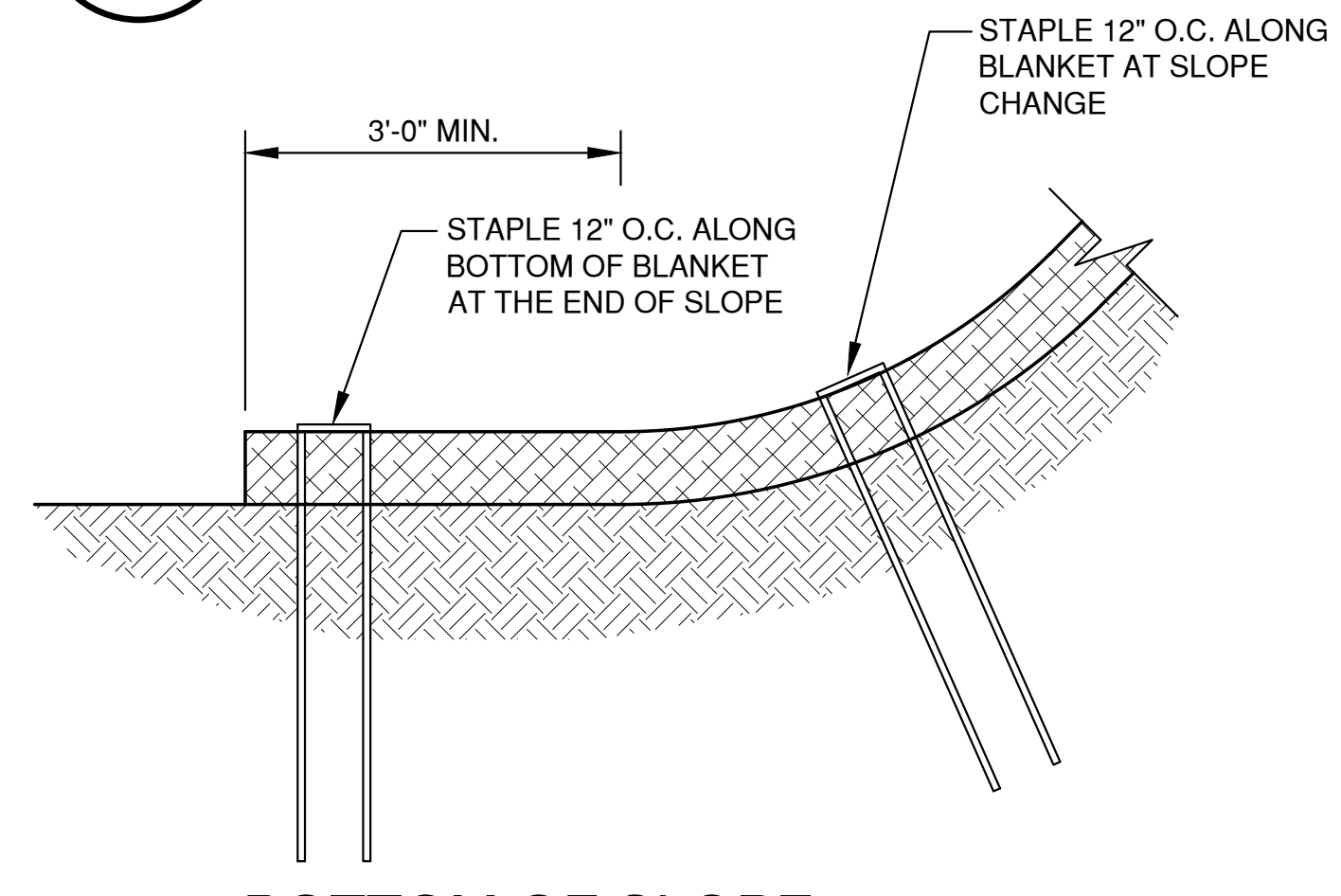
**REL Robert E. Lee & Associates, Inc.**  
1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com



**SLOPE DETAIL** 1  
**XX**



**END ROLL OVERLAP** 2  
**XX**

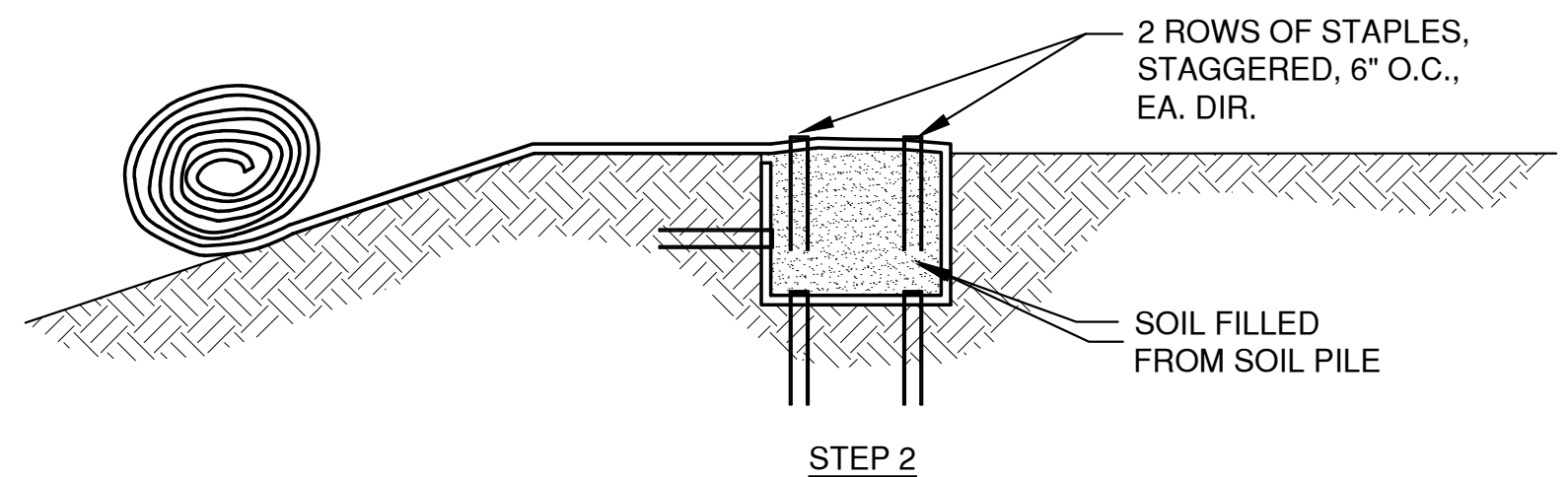
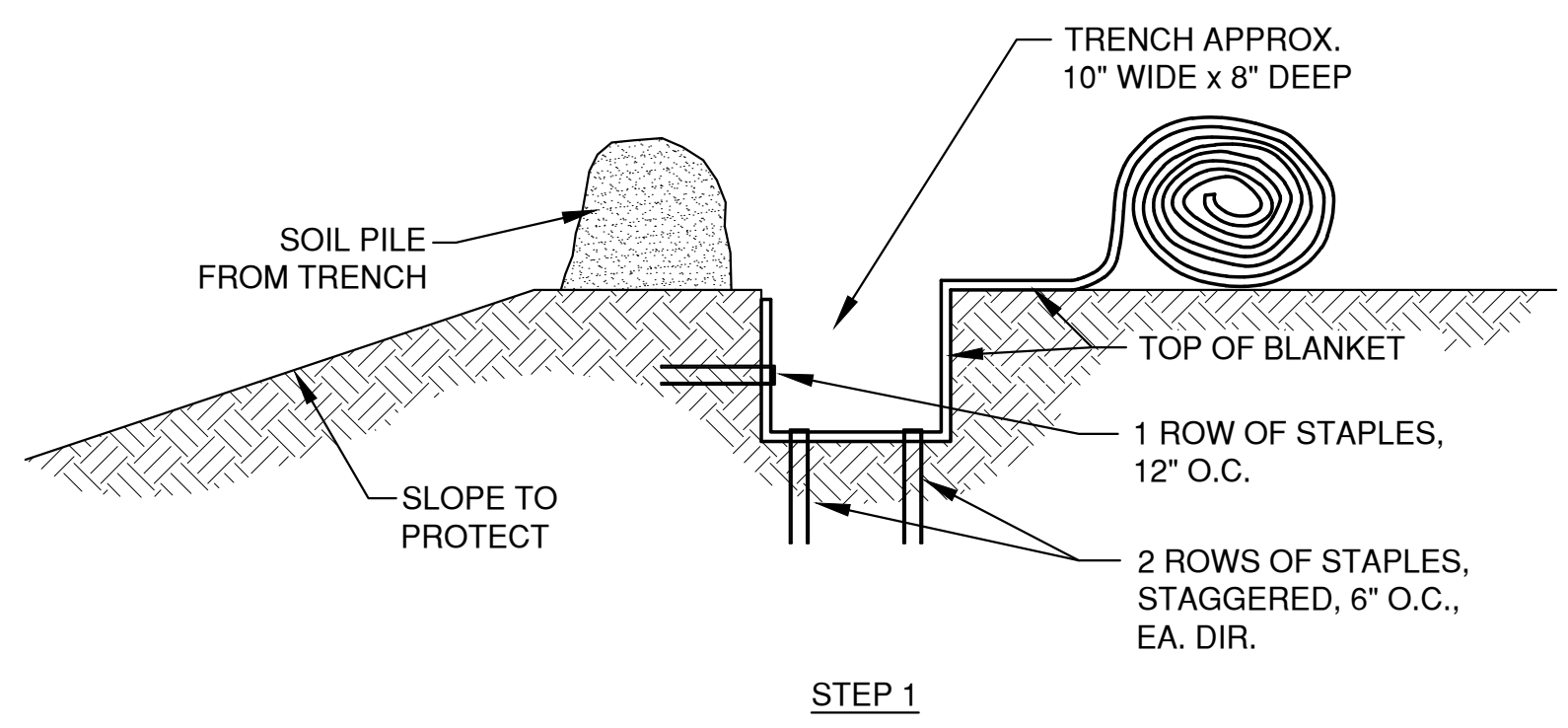


**BOTTOM OF SLOPE TERMINATION** 3  
**XX**

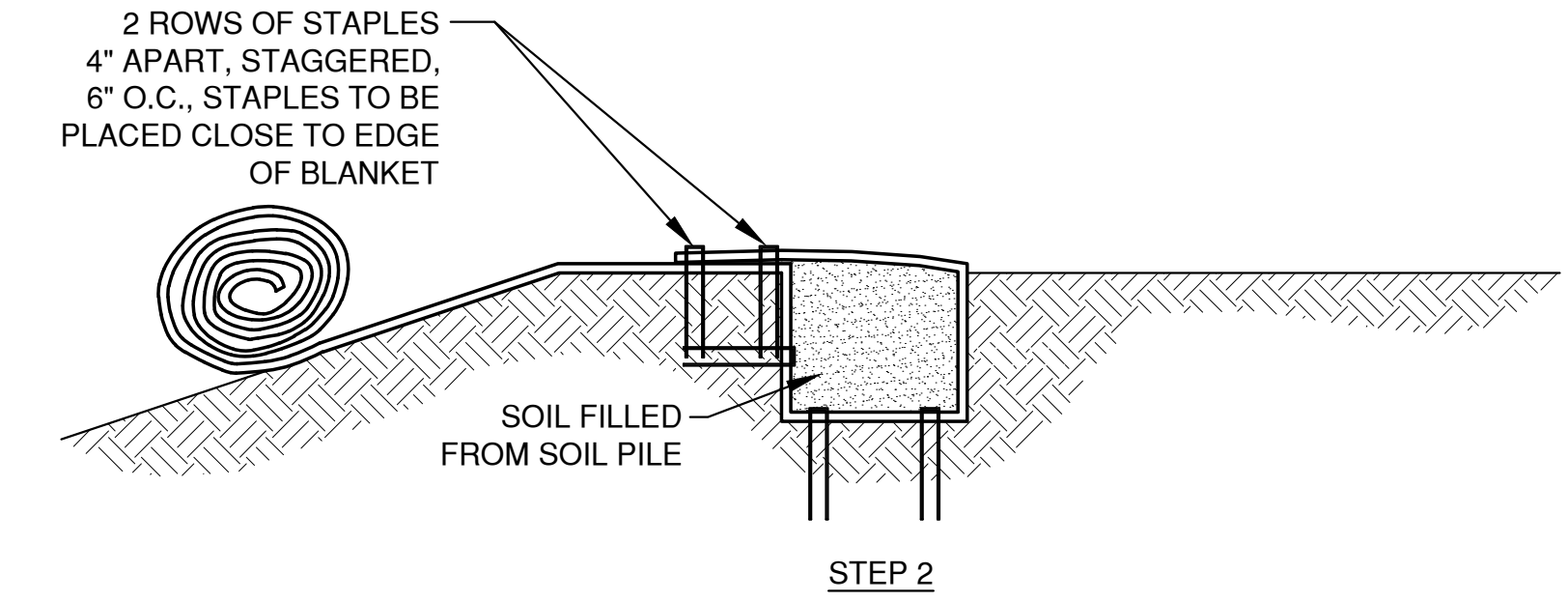
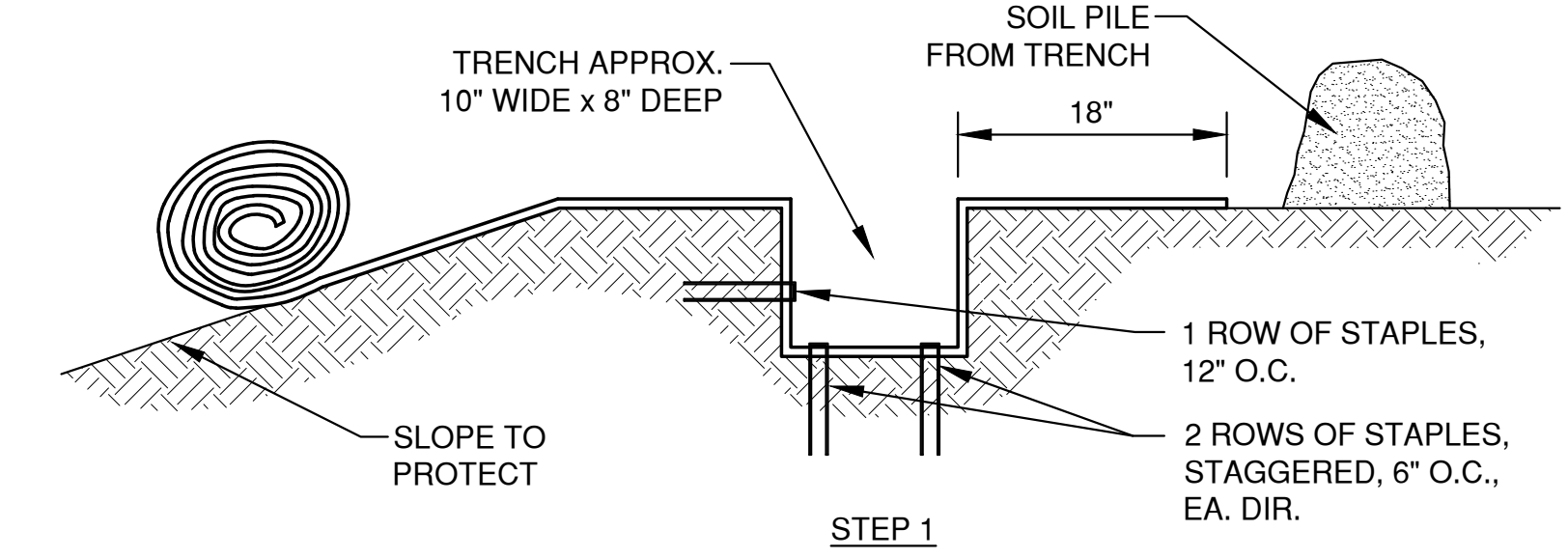


**SLOPE CREST ANCHOR METHOD "A" (NO TRENCH)** 4  
**XX**

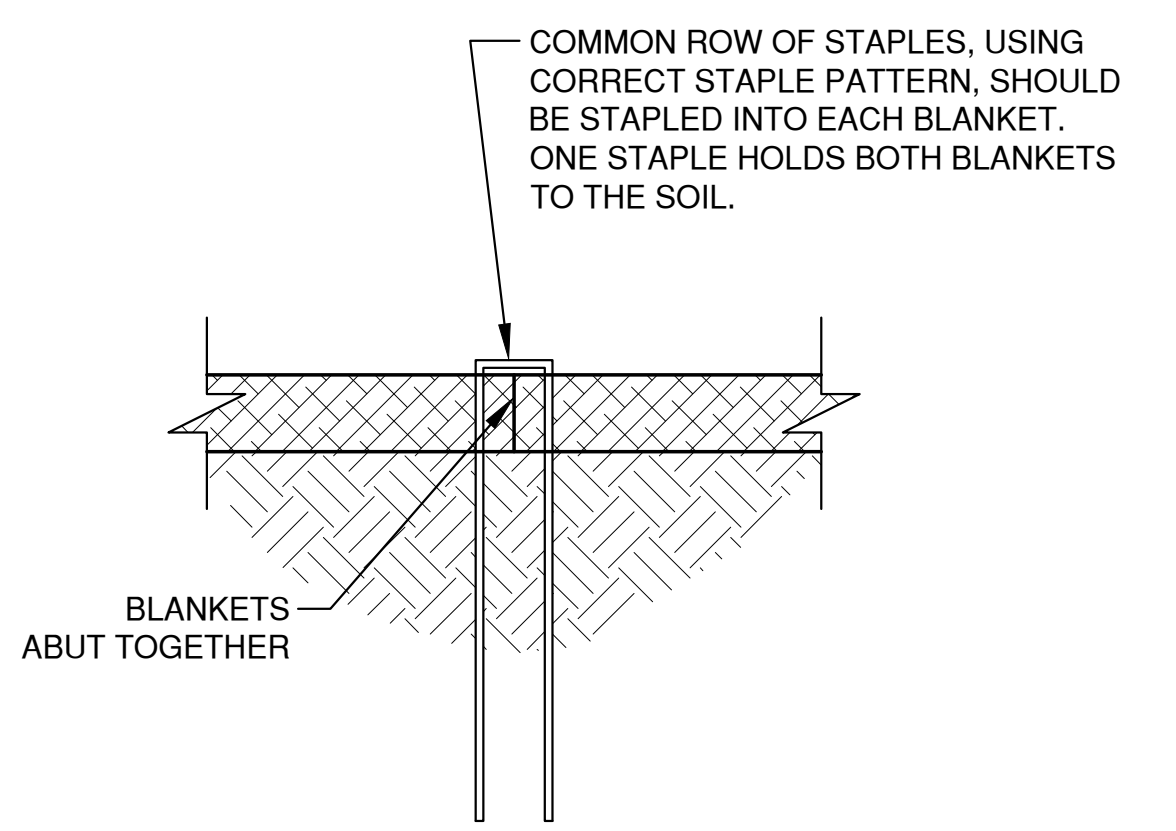
DO NOT NEED TO TRENCH BLANKET IN IF IT CAN BE EXTENDED A MINIMUM OF 3'-0" OVER THE CREST OF THE SLOPE.



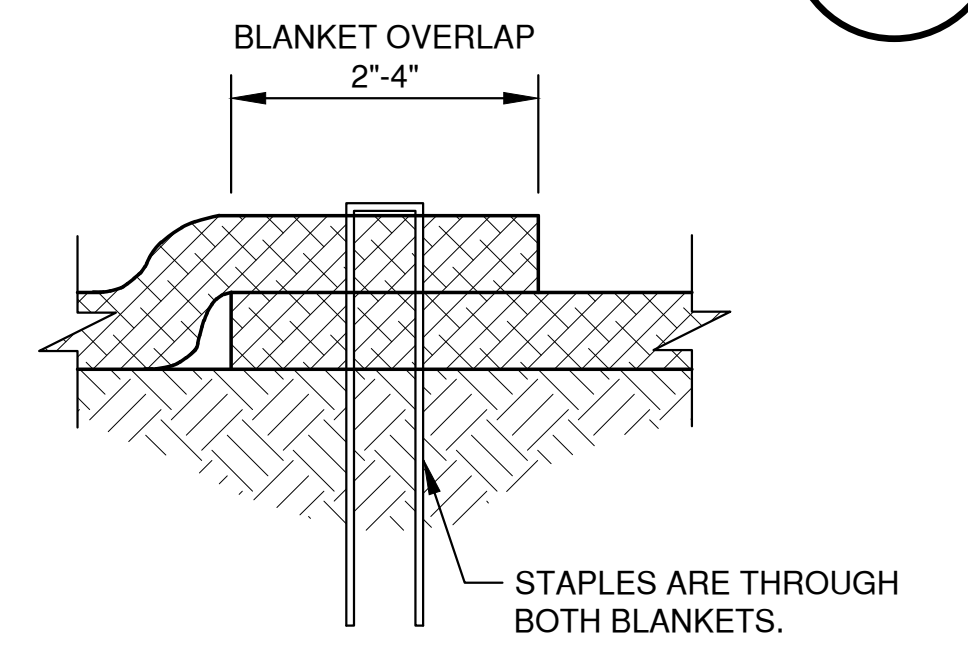
**SLOPE TRENCHING METHOD "B"** 5  
**XX**



**SLOPE TRENCHING METHOD "C"** 6  
**XX**



**SIDE SEAM ABUT STAPLE DETAIL** 7  
**XX**



**SIDE SEAM OVERLAP STAPLE DETAIL** 8  
**XX**

**NOTES:**  
1. STAPLE PATTERNS ARE DEPENDENT ON SITE CONDITIONS. SEE MANUFACTURER STAPLE PATTERN GUIDE FOR DETAILS.

FILE: P:\3\2020\3030\3034\313\443\EROSION\_CONTROL.dwg  
REV: 02/2023  
DATE: 02/2023  
LAYOUT: 8 - SLOPE MAT

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION	DRAWN BDR
								CHECKED
								DESIGNED BDR

HOBART FIRE STATION  
FOR BAYLAND BUILDINGS, INC.  
VILLAGE OF HOBART  
BROWN COUNTY, WISCONSIN

EROSION CONTROL  
EROSION MAT  
SLOPE APPLICATION DETAILS

DATE  
02/2023  
FILE  
EROSION CONTROL  
JOB NO.  
2025473

**REL Robert E. Lee & Associates, Inc.**  
1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

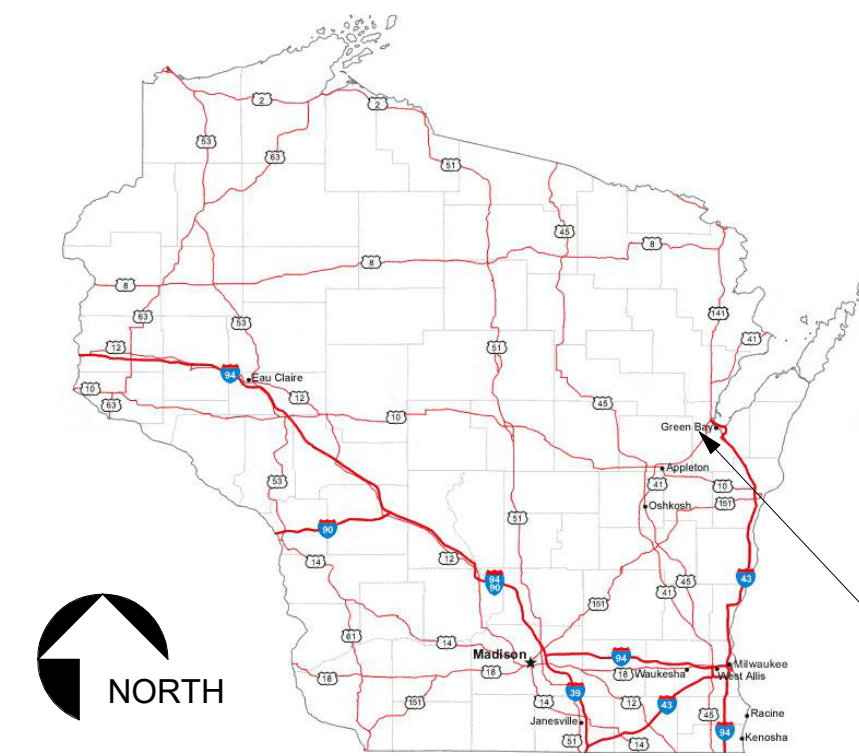
SHEET NO.  
**13**



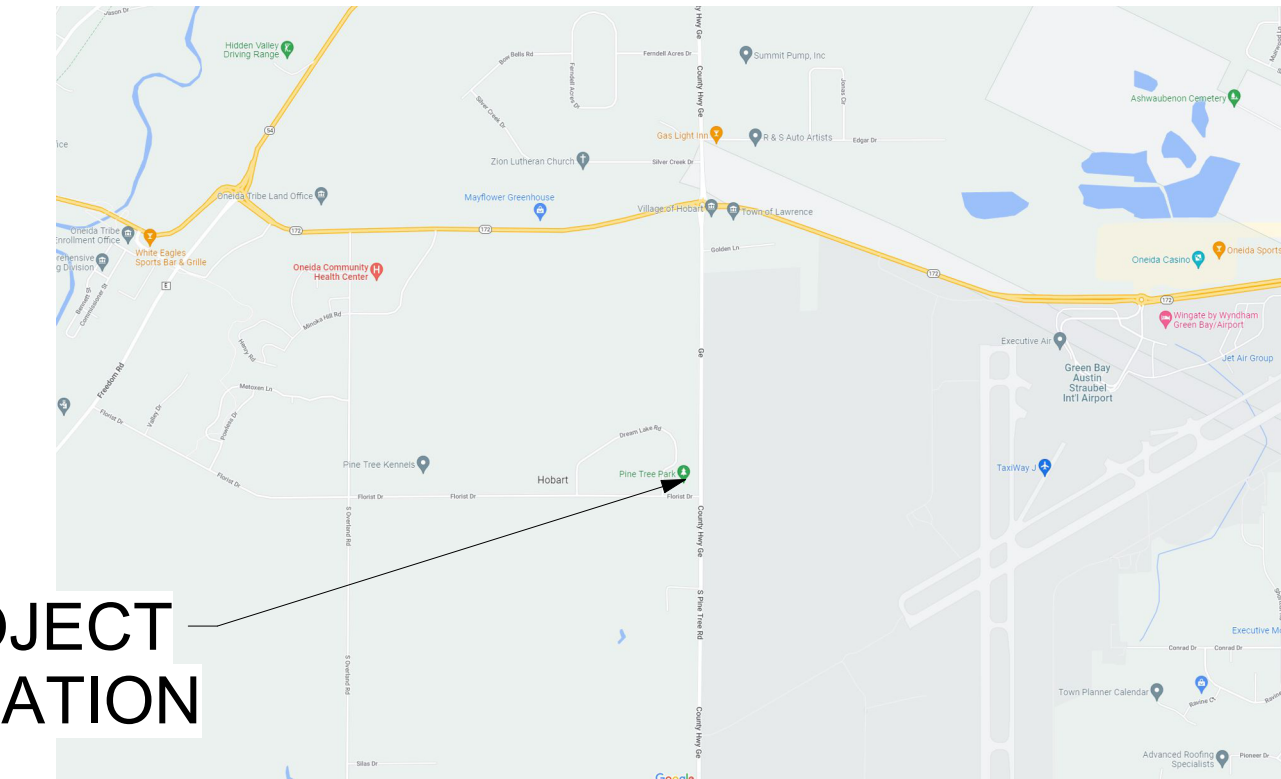


# PROPOSED PROJECT FOR: HOBART FIRE DEPARTMENT HOBART, WISCONSIN

PROJECT LOCATION MAP



ENLARGED MAP



**BAYLAND BUILDINGS**

P.O. BOX 13571 GREEN BAY, WI 54307  
(920) 498-9300 FAX (920) 498-3033  
www.baylandbuildings.com

DESIGN & BUILD GENERAL CONTRACTOR



**PROJECT PERSPECTIVE (NTS)** - FOR CONCEPTUAL PROPOSES ONLY!  
REFERENCE FLOOR PLANS, ELEVATIONS, SECTIONS, ETC. FOR MORE INFORMATION



**SHEET INDEX**

NUMBER	SHEET NAME / DESCRIPTION	LATEST SHEET REVISION		
		DATE	ISSUED BY	NUMBER
001	TITLE			
T1.0	TITLE SHEET			
002	CIVIL			
C1	EXISTING SITE CONDITIONS AND DEMOLITION PLAN			
C2	SITE PLAN			
C3	UTILITY PLAN			
C4	GRADING PLAN			
C5	EROSION CONTROL PLAN			
003	LIFE SAFETY			
LS1.0	LIFE SAFETY PLAN			
004	ARCHITECTURAL			
A0.1	PLAN NOTES			
A0.2	PLAN NOTES			
A1.0	FLOOR PLAN - FIRST FLOOR/OVERALL			
A1.1	FLOOR PLAN - DIMENSION PLAN			
A1.2	FLOOR PLAN - MEZZANINE			
A2.0	ELEVATIONS - EXTERIOR			
A2.1	ELEVATIONS - EXTERIOR			
A3.0	SECTIONS - BUILDING			
A3.1	SECTIONS - BUILDING			
A3.2	SECTIONS - BUILDING			
A3.3	SECTIONS - BUILDING			
A3.4	SECTIONS - BUILDING			
A3.5	SECTIONS - BUILDING			
A4.0	SECTIONS - WALL / DETAIL			
A5.0	SECTIONS - STAIRS			
A6.0	SCHEDULES - DOOR / WINDOW			
A6.1	ROOM FINISH PLAN - PROPOSED			
A6.2	ENLARGED FINISH PLANS - PROPOSED			
A6.3	REFLECTED CEILING PLAN - PROPOSED			
A7.0	ROOF PLAN - PROPOSED			
005	STRUCTURAL			
S0.1	STRUCTURAL DESIGN CRITERIA			
S1.0	FOUNDATION PLAN - PROPOSED			
S1.1	FOUNDATION PLAN - PROPOSED DIMENSION			
S1.2	ANCHOR BOLT PLAN			
S1.3	ANCHOR BOLT DETAILS			
S2.0	FOUNDATION SCHEDULES & DETAILS			
S2.1	FOUNDATION DETAILS			
S3.0	FRAMING PLAN - 1ST FLOOR			
S3.1	ROOF FRAMING PLAN			
S4.0	STRUCTURAL SCHEDULES & DETAILS			
S4.1	STRUCTURAL SCHEDULES & DETAILS			
S4.2	STRUCTURAL SCHEDULES & SHEETS			
S4.3	STRUCTURAL SCHEDULES & DETAILS			
S4.4	STRUCTURAL SCHEDULES & DETAILS			
S4.5	STRUCTURAL SCHEDULES & DETAILS			
S5.0	STRUCTURAL DETAILS			
S5.1	STRUCTURAL DETAILS			

**PROJECT INFORMATION**

**OWNER INFORMATION:**  
VILLAGE OF HOBART  
2703 S. PINETREE ROAD  
HOBART, WI 54155  
CONTACT: JERRY LANCELLE  
DIS NO:

**PROJECT LOCATION:**  
2703 S. PINETREE ROAD  
HOBART, WI 54155  
VILLAGE OF HOBART  
BROWN COUNTY

**ARCHITECTURAL DATA:**  
BUILDING CODES:  
IBC 2015  
WECBC SPS 361-366  
IEBC 2015  
SCOPE OF WORK:  
BUILDING USE:

**OCCUPANCY GROUP:**  
ASSEMBLY A-3  
BUSINESS B  
RESIDENTIAL R-2  
STORAGE S-2

**CONSTRUCTION TYPE:** V-B

**FIRE PROTECTION SYSTEM:**  
BUILDING IS PROTECTED BY AN AUTOMATIC FIRE  
SPRINKLER SYSTEM PER NFPA 13

**ALLOWABLE AREA CALCULATION**  
TABULATED: 24,000 SQ. FT. (SPRINK. 1 FLOOR)  
PERIMETER: 597 FT.  
FRONTAGE: 597 FT.  
FRONTAGE FACTOR: [(F 597/P 597)-0.25] = 0.75  
ALLOWABLE MODIFIED AREA:  
24,000 + (6,000 x 0.75) = 28,500 SQ. FT.

**FIRE & SMOKE PROTECTION FEATURES:**  
ALLOWABLE AREA DETERMINED BY IBC 508.3  
NONSEPARATED MIXED-USE OCCUPANCIES

**BUILDING AREA:**  
FIRST FLOOR  
OCCUPANCY A-3 2,329 SQ. FT.  
OCCUPANCY B 1,896 SQ. FT.  
OCCUPANCY R-2 1,435 SQ. FT.  
OCCUPANCY S-2 21,996 SQ. FT.

**TOTAL BUILDING AREA 27,656 SQ. FT.**

**OCCUPANT LOAD TABULATED**  
FIRST FLOOR (EXISTING)  
OCCUPANCY A-3 2,329 SQ. FT. 15 NET 156 OCC  
OCCUPANCY B 1,896 SQ. FT. 100 GROSS 19 OCC  
OCCUPANCY R-2 1,435 SQ. FT. 50 GROSS 29 OCC  
OCCUPANCY S-2  
APP. BAY 8,825 SQ. FT. 200 GROSS 45 OCC  
STORAGE 2,575 SQ. FT. 500 GROSS 27 OCC  
MEZZANINE 10,040 SQ. FT. 500 GROSS 27 OCC  
EQUIP. PLTFM. 556 SQ. FT. 500 GROSS 27 OCC  
S-2 SUBTOTAL 21,996 SQ. FT. 72 OCC

**TOTAL OCCUPANT LOAD 276 OCC**

**PLUMBING FIXTURE REQUIRED**  
OCCUPANCY A-3  
156 OCCUPANTS = 78 MEN & 78 WOMEN  
78 / 125 = 0.62 WATER CLOSETS FOR MEN  
78 / 65 = 1.20 WATER CLOSETS FOR WOMEN  
78 / 200 = 0.39 LAVATORIES FOR MEN  
78 / 200 = 0.39 LAVATORIES FOR WOMEN  
156 / 500 = 0.31 DRINKING FOUNTAINS

**OCCUPANCY B**  
19 OCCUPANTS = 10 MEN & 10 WOMEN  
10 / 25 (FIRST 50) = 0.40 WATER CLOSETS FOR MEN  
10 / 25 (FIRST 50) = 0.40 WATER CLOSETS FOR WOMEN  
10 / 40 (FIRST 80) = 0.25 LAVATORIES FOR MEN  
10 / 40 (FIRST 80) = 0.25 LAVATORIES FOR WOMEN  
19 / 100 = 0.19 DRINKING FOUNTAINS

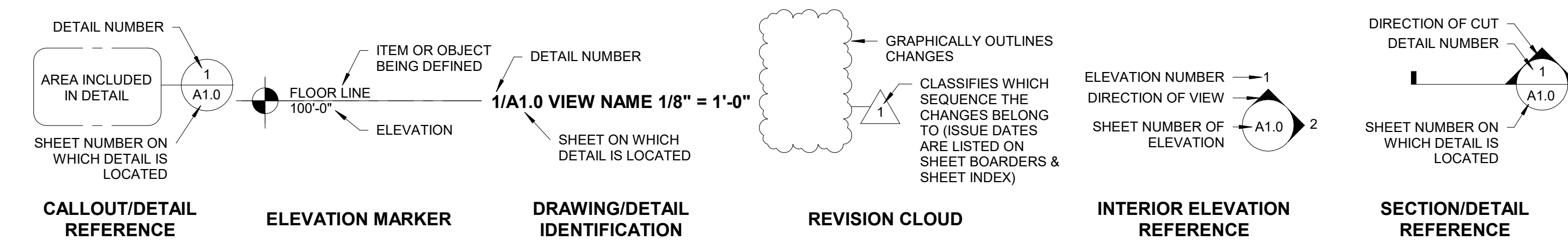
**OCCUPANCY R-2**  
29 OCCUPANTS = 15 MEN & 15 WOMEN  
15 / 10 = 1.5 WATER CLOSETS FOR MEN  
15 / 10 = 1.5 WATER CLOSETS FOR WOMEN  
29 / 500 = 0.06 DRINKING FOUNTAINS

**OCCUPANCY S-2**  
72 OCCUPANTS = 36 MEN & 36 WOMEN  
36 / 100 = 0.36 WATER CLOSETS FOR MEN  
36 / 100 = 0.36 WATER CLOSETS FOR WOMEN  
36 / 100 = 0.36 LAVATORIES FOR MEN  
36 / 100 = 0.36 LAVATORIES FOR WOMEN  
72 / 1,000 = 0.07 DRINKING FOUNTAINS

**TOTAL PLUMBING FIXTURES REQUIRED**  
2.88 (3) WATER CLOSETS FOR MEN  
3.46 (4) WATER CLOSETS FOR WOMEN  
2.50 (3) LAVATORIES FOR MEN  
2.50 (3) LAVATORIES FOR WOMEN  
0.63 (1) DRINKING FOUNTAINS

**PLUMBING FIXTURE PROVIDED**  
(4) WATER CLOSETS FOR WOMEN  
(4) LAVATORIES FOR WOMEN  
(4) WATER CLOSETS FOR MEN  
(4) LAVATORIES FOR MEN  
(2) FILTERED WATER TAPS IN LIEU OF DRINKING FOUNTAINS  
(1) SERVICE SINK

**SYMBOLS LEGEND**



PROPOSED PROJECT FOR:  
**HOBART FIRE DEPARTMENT**  
HOBART, WISCONSIN; COUNTY OF:  
BROWN

**SCALE VERIFICATION**  
THIS BAR MEASURES 1" ON ORIGINAL.  
ADJUST SCALE ACCORDINGLY

NOTICE OF COPYRIGHT  
THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO  
COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER  
SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED  
DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS  
COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION  
INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL  
AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND  
ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION,  
UNAUTHORIZED USE OF THESE PLANS, WORK OR BUILDING  
REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF  
CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY  
COMPENSATION TO BAYLAND BUILDINGS, INC.

**JOB NUMBER:** 22-5215  
**PROJECT EXECUTIVE:** BRIAN PETERS (920) 362-7870  
**DRAWN BY:** CMP / JRG  
**DATE:** 02/14/2023

Rev. No.	Revision Description	Rev. Date

ISSUED FOR:	CHECKED BY:	DATE:
<input type="checkbox"/> PRELIMINARY		
<input type="checkbox"/> BID SET	CMP	11/15/2022
<input checked="" type="checkbox"/> DESIGN REVIEW		
<input type="checkbox"/> CHECKSET		
<input type="checkbox"/> CONSTRUCTION		

TITLE SHEET  
**T1.0**

PROPOSED FIRE STATION FOR:  
**HOBART FIRE DEPARTMENT**  
HOBART, WISCONSIN; COUNTY OF: BROWN

**SCALE VERIFICATION**  
THIS BAR MEASURES 1" ON ORIGINAL  
ADJUST SCALE ACCORDINGLY

NOTICE OF COPYRIGHT  
THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO  
COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER  
SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED  
DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS  
COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION  
INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL  
AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND  
ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION  
UNAUTHORIZED USE OF THESE PLANS, WORK OR BUILDING  
REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF  
CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY  
COMPENSATION TO BAYLAND BUILDINGS, INC.

JOB NUMBER: 22-5215

PROJECT EXECUTIVE: BRIAN PETERS  
(920) 362-7870

DRAWN BY: CMP / JRG

DATE: 02/14/2023

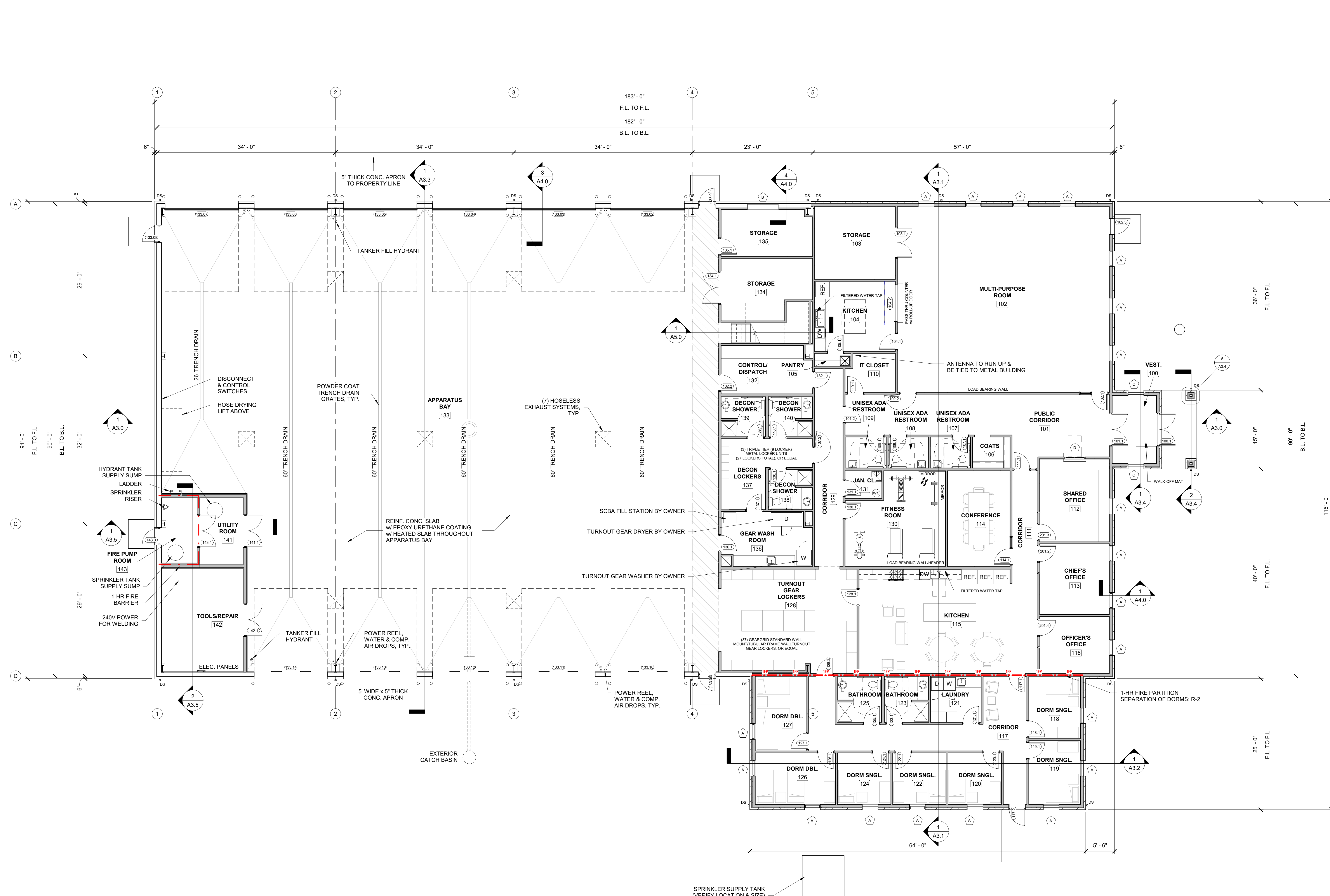
REVISIONS:

ISSUED FOR: CHECKED DATE:  
BY:

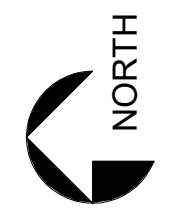
- PRELIMINARY
- BID SET CMP 11/15/2022
- DESIGN REVIEW
- CHECKSET
- CONSTRUCTION

FLOOR PLAN - FIRST  
FLOOR/OVERALL

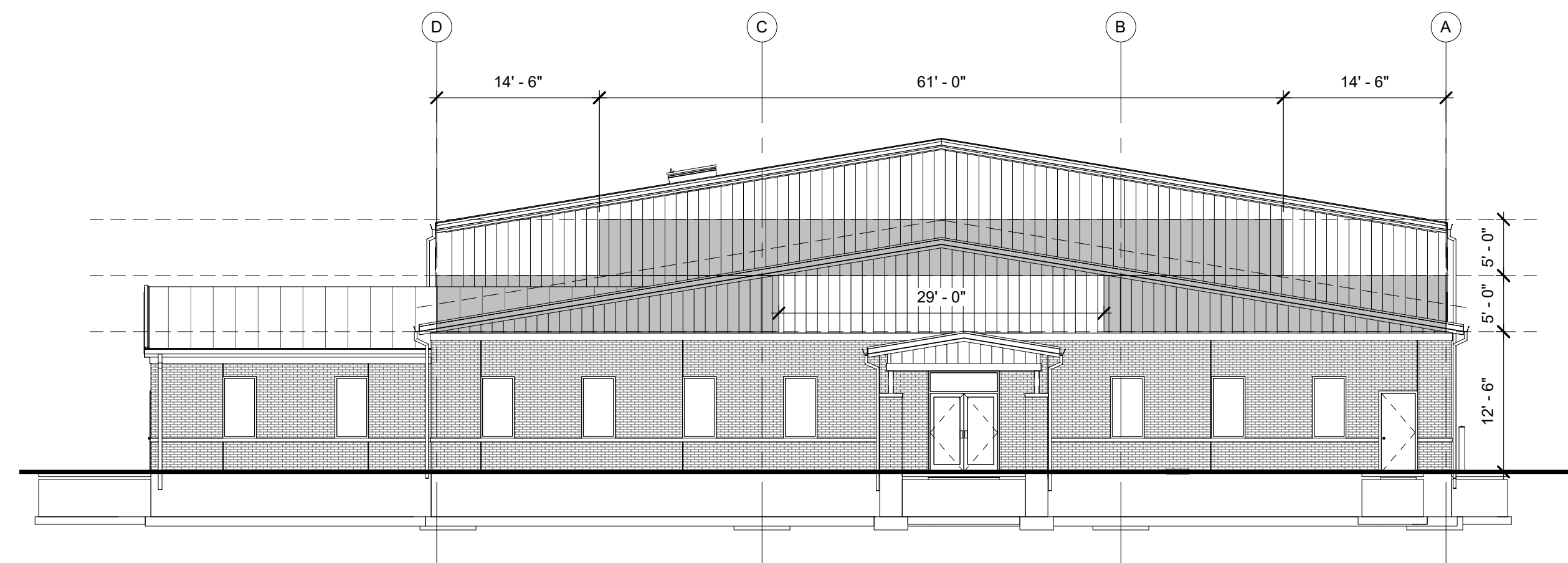
**A1.0**



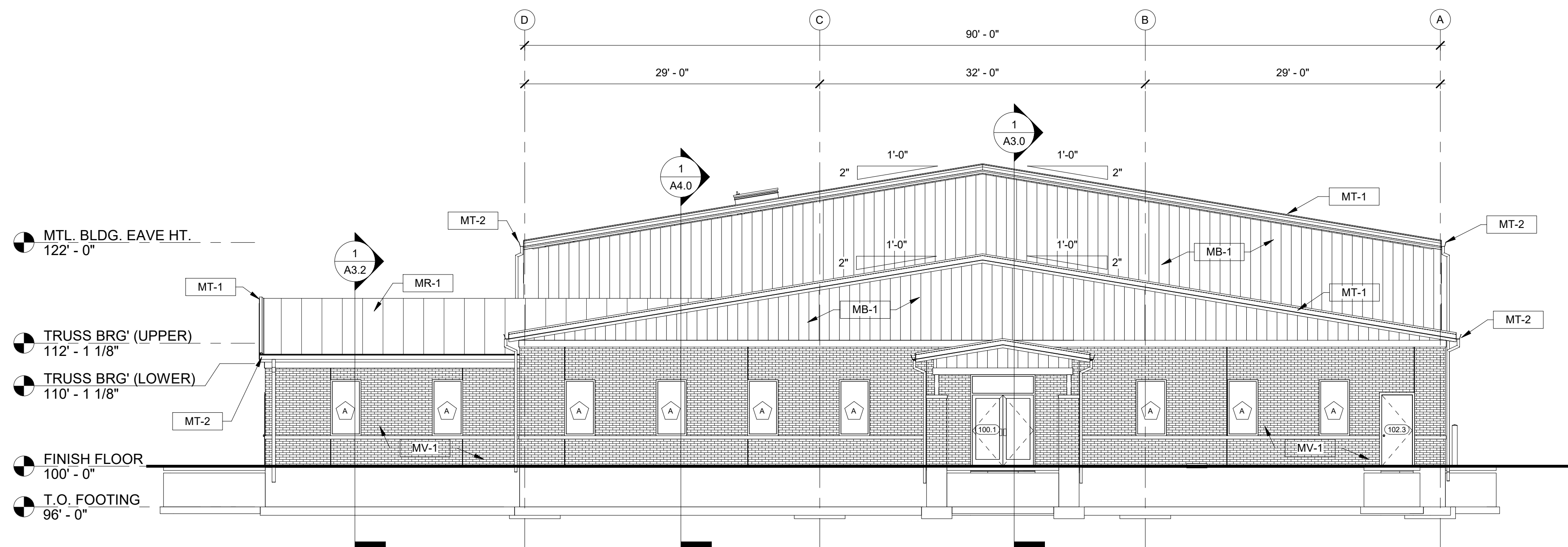
1/A1.0 SCALE = 1/8" = 1'-0"  
FIRST FLOOR - OVERALL PLAN



PROPOSED FIRE STATION FOR:  
**HOBART FIRE DEPARTMENT**  
 HOBART, WISCONSIN; COUNTY OF: BROWN



**3 /A2.0 SCALE = 3/32" = 1'-0"**  
**SOUTH ELEVATION - DENSDECK LOCATION**



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

**EXTERIOR FINISH LEGEND**

MARK	DESCRIPTION
MB-1	LOCATION: WALL PANEL MATERIAL: 26GA SEMI-CONCEALED FASTENER SUPPLIER: VERIFY COLOR: VERIFY COMMENTS:
MT-1	LOCATION: FASCIA TRIMS & SOFFITS MATERIAL: VERIFY SUPPLIER: VERIFY COLOR: VERIFY COMMENTS:
MT-2	LOCATION: RAKE, GUTTERS & TRIMS MATERIAL: VERIFY SUPPLIER: VERIFY COLOR: VERIFY COMMENTS:
MV-1	LOCATION: MASONRY VENEER MATERIAL: MODULAR BRICK SUPPLIER: VERIFY COLOR: VERIFY COMMENTS: CAST STONE SILL F.V. PROFILE
MR-1	LOCATION: ROOF PANEL MATERIAL: 24GA SSR SUPPLIER: VERIFY COLOR: VERIFY COMMENTS:

**SCALE VERIFICATION**

THIS BAR MEASURES 1" ON ORIGINAL.  
 ADJUST SCALE ACCORDINGLY.

NOTICE OF COPYRIGHT  
 THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO  
 COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER  
 SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED  
 DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS  
 COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION  
 INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL  
 AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND  
 ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION  
 UNAUTHORIZED USE OF THESE PLANS, WORK OR BUILDING  
 REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF  
 CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY  
 COMPENSATION TO BAYLAND BUILDINGS, INC.

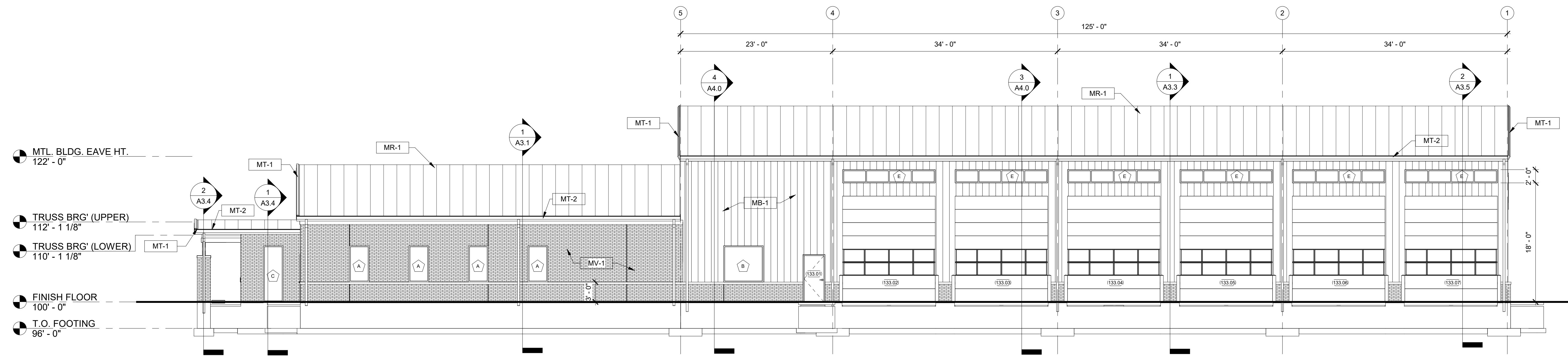
**JOB NUMBER:** 22-5215

**PROJECT EXECUTIVE:** BRIAN PETERS  
 (920) 362-7870

**DRAWN BY:** CMP / JRG

**DATE:** 02/14/2023

**REVISIONS:**



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

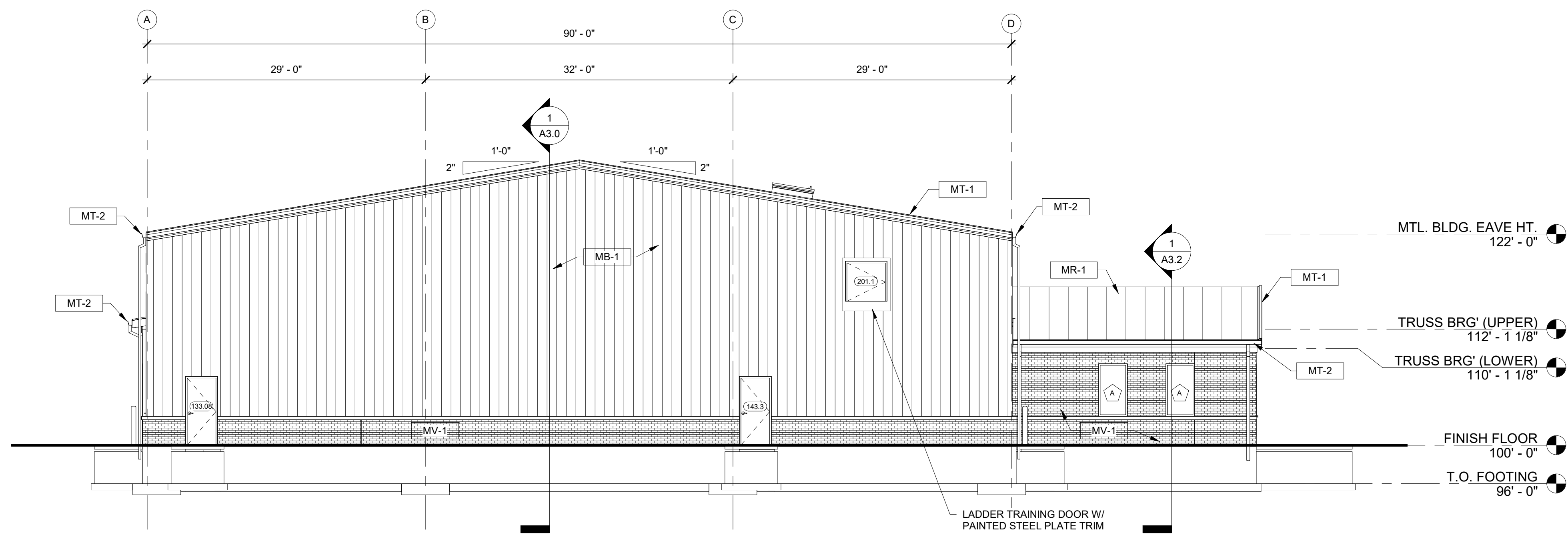
**ISSUED FOR: CHECKED DATE:**

ISSUED FOR:	CHECKED BY:	DATE:
<input type="checkbox"/> PRELIMINARY		
<input type="checkbox"/> BID SET	CMP	11/15/2022
<input checked="" type="checkbox"/> DESIGN REVIEW		
<input type="checkbox"/> CHECKSET		
<input type="checkbox"/> CONSTRUCTION		

ELEVATIONS - EXTERIOR

**A2.0**

PROPOSED FIRE STATION FOR:  
**HOBART FIRE DEPARTMENT**  
 HOBART, WISCONSIN; COUNTY OF: BROWN



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

**EXTERIOR FINISH LEGEND**

MARK	DESCRIPTION
MB-1	LOCATION: WALL PANEL MATERIAL: 26GA SEM-CONCEALED FASTENER SUPPLIER: VERIFY COLOR: VERIFY COMMENTS:
MT-1	LOCATION: FASCIA TRIMS & SOFFITS MATERIAL: VERIFY SUPPLIER: VERIFY COLOR: VERIFY COMMENTS:
MT-2	LOCATION: RAKE, GUTTERS & TRIMS MATERIAL: VERIFY SUPPLIER: VERIFY COLOR: VERIFY COMMENTS:
MV-1	LOCATION: MASONRY VENEER MATERIAL: MODULAR BRICK SUPPLIER: VERIFY COLOR: VERIFY COMMENTS: CAST STONE SILL F.V. PROFILE
MR-1	LOCATION: ROOF PANEL MATERIAL: 24GA SSR SUPPLIER: VERIFY COLOR: VERIFY COMMENTS:

**SCALE VERIFICATION**  
 THIS BAR MEASURES 1" ON ORIGINAL  
 ADJUST SCALE ACCORDINGLY

NOTICE OF COPYRIGHT  
 THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO  
 COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER  
 SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED  
 DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS  
 COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION  
 INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL  
 AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND  
 ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION  
 UNAUTHORIZED USE OF THESE PLANS, WORK OR BUILDING  
 REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF  
 CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY  
 COMPENSATION TO BAYLAND BUILDINGS, INC.

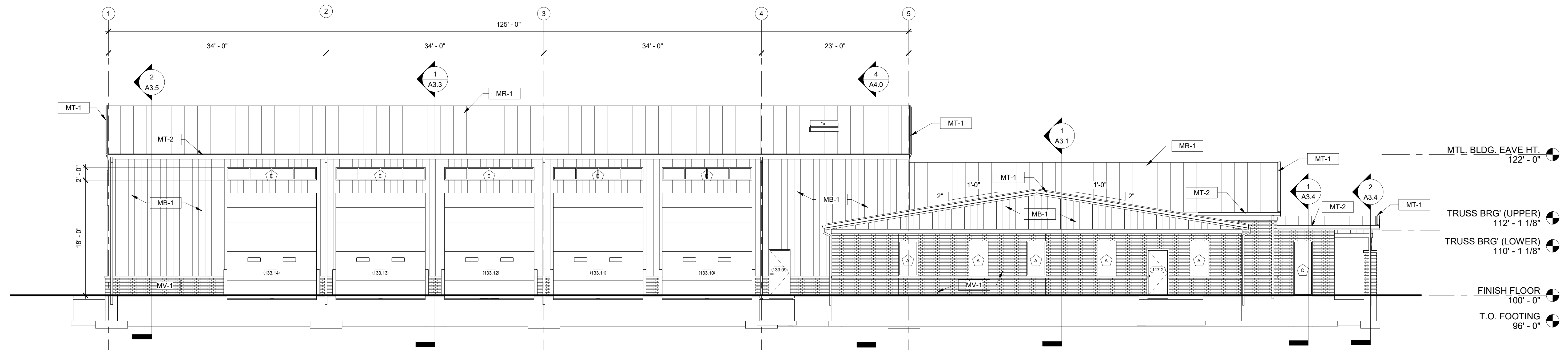
**JOB NUMBER:** 22-5215

**PROJECT EXECUTIVE:** BRIAN PETERS  
 (920) 362-7870

**DRAWN BY:** CMP / JRG

**DATE:** 02/14/2023

**REVISIONS:**



**2/A2.1 SCALE = 1/8" = 1'-0"**  
**WEST ELEVATION**

**ISSUED FOR:** CHECKED DATE:  
 BY:

<input type="checkbox"/>	PRELIMINARY		
<input type="checkbox"/>	BID SET	CMP	11/15/2022
<input checked="" type="checkbox"/>	DESIGN REVIEW		
<input type="checkbox"/>	CHECKSET		
<input type="checkbox"/>	CONSTRUCTION		

ELEVATIONS - EXTERIOR

**A2.1**