



VILLAGE OF LINCOLNSHIRE

AGENDA **ARCHITECTURAL REVIEW BOARD** **Village Hall – Board Room** **Tuesday, August 25, 2026 – 7:00 p.m.**

PUBLIC PARTICIPATION OPTIONS

- **View/Listen**
 - Watch live on Cable Channel 10.
 - Watch live on the Village Facebook page (<https://www.facebook.com/VillageofLincolnshire>).
- **Public Comment – Items Not Requiring a Public Hearing**
 - Participants may provide public comment per the Village Board's [Rules for Public Comment](#) which can be found on the Village website on the "Transparency" webpage.

CALL TO ORDER

1.0 ROLL CALL

2.0 APPROVAL OF MINUTES

- 2.1 Approval of June 16, 2026, Architectural Review Board Meeting Minutes

3.0 ITEMS OF GENERAL BUSINESS

- 3.1 Consideration and Approval of Parking Lot Design and Exterior Building Modifications (121 Schelter Road – Fitzgerald Architecture Planning Design/TZ Properties LLC)

4.0 UNFINISHED BUSINESS

5.0 NEW BUSINESS

6.0 CITIZEN COMMENTS

7.0 ADJOURNMENT

Reasonable accommodations / auxiliary aids will be provided to enable persons with disabilities to effectively participate in any public meetings. Please contact the Village Administrative Office (847-883-8600) 48 hours in advance if you need any special accommodations to attend. The Architectural Review Board will not proceed past 10:30 p.m. unless there is a consensus of the majority of the Architectural Review Board members to do so. Any agenda items or other business that are not addressed within this time frame will be continued to the next regularly scheduled Architectural Review Board meeting.



VILLAGE OF LINCOLNSHIRE

MINUTES ARCHITECTURAL REVIEW BOARD Tuesday, June 16, 2026

Present:

Chair Kennerley
~~Member Lazarus~~
Member Malhotra
Member McCall
Member Merrifield

Member Santosuosso
Alternate Member Shao (arrived at 7:02
p.m.) - voted due to absence of a regular
member)
Trustee Liaison Raizin
Planning & Development Manager Zozulya

1.0 ROLL CALL

Chair Kennerley called the Architectural Review Board (ARB) meeting to order at 7:01 p.m. Planning & Development Manager (PDM) Zozulya called the roll and declared a quorum present.

2.0 APPROVAL OF MINUTES

2.1 Approval of the December 16, 2025, Architectural Review Board Meeting Minutes

Member Santosuosso noted a typographical error in an ARB member pronoun. He moved to approve the minutes as amended, and Member McCall seconded the motion. The motion passed unanimously by voice vote. PDM Zozulya noted the typo will be corrected.

3.0 ITEMS OF GENERAL BUSINESS

3.1 Review and Recommendation of a Non-Residential Yard Fence (500 Barclay Boulevard – Build Corps, Inc./HydraForce)

PDM Zozulya stated HydraForce owns a four-acre property within the Lincolnshire Corporate Center and proposes to install a 6' tall, open-style, ornamental metal security fence, along with a gate and turnstile, surrounding the employee entrance areas along the north and west building façades. She noted HydraForce also proposes installation of additional evergreen landscaping to screen the north façade security system from Barclay Boulevard. The west façade security system will not be visible from the roadway. PDM Zozulya stated staff determined the proposed fence complies with Zoning Code requirements. Following the ARB's review and recommendation, the proposal will be forwarded to the Village Board for final consideration and approval.

Mr. Mike Bacino of Build Corps, Inc., HydraForce's contractor, explained the proposed fence is 72" tall, the turnstile is 91" tall, and the gate is 89" tall.

Member Malhotra asked about the size of the proposed evergreen plantings. Mr. Bacino responded the junipers will be approximately 7' tall at installation.

Members McCall and Shao expressed concerns regarding the use of two different colors for the security system, consisting of a black fence and silver turnstile and gate. Mr. Bacino stated painting the turnstile and gate black to match the fence had been considered at staff's request; however, doing so would create ongoing maintenance concerns. He added the north façade security system will be located approximately 425' from Barclay Boulevard.

Member Shao expressed a preference for the security system to be fully integrated with the building. She acknowledged HydraForce does not have adequate interior space to accommodate the system within the facility.

Member Merrifield asked whether any signage would be installed on the security system. Mr. Jordan Arnold, Facilities Manager for HydraForce, stated no exterior signage is proposed and access will be controlled by key card.

Member Merrifield asked whether the fence and gate could be increased in height to match the turnstile. Mr. Bacino stated the proposed height of the fence is the maximum permitted by code. PDM Zozulya confirmed this statement and noted any increase in fence height would require a zoning variance.

Member Santosuosso asked whether the sidewalk would remain ADA compliant with the installation of the gate. Mr. Bacino responded the sidewalk would remain compliant.

Chair Kennerley stated she did not find the proposed security system aesthetically pleasing due to the varying heights and colors of its components. She suggested changing the fence color to silver to match the turnstile and gate.

Mr. Bacino stated the proposed ornamental metal fence is available in silver and the plans will be revised accordingly prior to Village Board review.

Member Santosuosso moved and Member McCall seconded the motion to recommend approval of the proposed 6'-tall, open-style ornamental metal fence to the Village Board, subject to the condition the fence color be changed from black to silver to match the turnstile and gate. The motion passed unanimously by voice vote.

PDM Zozulya stated staff will forward the ARB's recommendation and the revised proposal to the Village Board for final review and approval.

3.2. Approval of a Minor Amendment to the Tri-State Planned Unit Development to Permit Construction of an Outdoor Patio (300 Tri-State – Bradford Allen/ IHP Tri State Asset, LLC)

PDM Zozulya explained the ARB has final approval authority over this request and the Village Board will not review it. She mentioned the proposed patio is between the 300 and 200 Tri-State buildings facing the tollway. The patio will replace an existing landscaped lawn area.

Attorney Braeden Lord at Taft Law, representing IHP Tri-State Asset LLC, the property owner, and Bradford Allen, the property manager.

Mr. Michael Pontarelli of Bradford Allen presented the proposal for 1,680-square-foot patio consisting of stone pavers, raised planters, outdoor furniture, and decorative string lighting. He stated the project is intended to enhance tenant amenities and competitiveness of the office campus. Ms. Susan Reid at Interwork Architects, representing the applicant, described the paver and planter materials and overall layout, noting the planters are designed at seating height and furniture will be selected at a later date.

Member McCall pointed out the pavers are shown to extend to the building façade and recommended creating a planting strip along the façade for a softer look. Mr. Pontarelli expressed concerns with maintaining a narrow planting area and the need to expand the irrigation system.

Trustee Raizin pointed out the planters offer seating and asked if additional patios are being planned.

Mr. Marcus Powell at Interwork Architects share paver samples. Member Merrified inquired about the patio's capacity. Ms. Reid stated it will be big enough for 25–40 people.

Member Shao recommended redesigning the string lighting to downplay the support poles. She also asked about site grading. Chair Kennerley asked whether the planters would include flowers. Mr. Pontarelli said the planters will be seasonally planted and decorated. Mr. Pontarelli said the outdoor furniture is intended for seasonal use and will be removed at the end of the season.

Member Merrifield recommended using a warmer light color temperature than the specified 3,000 Kelvin for a softer, more inviting ambiance.

Ms. Reid said the lights are meant to be displayed at dusk only and will not be on at night. Mr. Pontarelli agreed to revise the string lighting to 2,700 Kelvin.

Chair Kennerley recommended adding patios and other amenities throughout the campus, including benches and taking advantage of the water feature.

Member Merrifield moved and Member Santosuosso seconded the motion to approve the minor amendment for the Tri-State Planned Unit Development to permit an outdoor patio at 300 Tri-State International Drive, with the condition the patio string lighting be revised to 2,700 Kelvin. The motion passed unanimously.

PDM Zozulya staff will process the applicant's site work permit plans consistent with the ARB's approval.

4.0 UNFINISHED BUSINESS

None.

5.0 NEW BUSINESS

None.

6.0 CITIZENS COMMENTS

None.

7.0 ADJOURNMENT

Chair Kennerley declared the meeting adjourned at 7:58 p.m.

Minutes submitted by Tonya Zozulya, Planning & Development Manager.



ITEM SUMMARY

Action Requested:	Consideration and Approval of a Parking Lot Design and Exterior Building Modifications
Address – Petitioner:	121 Schelter Road – Fitzgerald Architecture Planning Design (on Behalf of TZ Properties LLC)
Recommendation:	Approval
Author(s):	Tonya Zozulya – Planning & Development Manager
Meeting History:	April 27, 2026, Committee of the Whole July 14, 2026, Zoning Board
Attachments:	1) Location Map 2) July 17, 2026, Cover Letter and Presentation Packet 3) April 27, 2026, Committee of the Whole Meeting Minutes

Request Summary

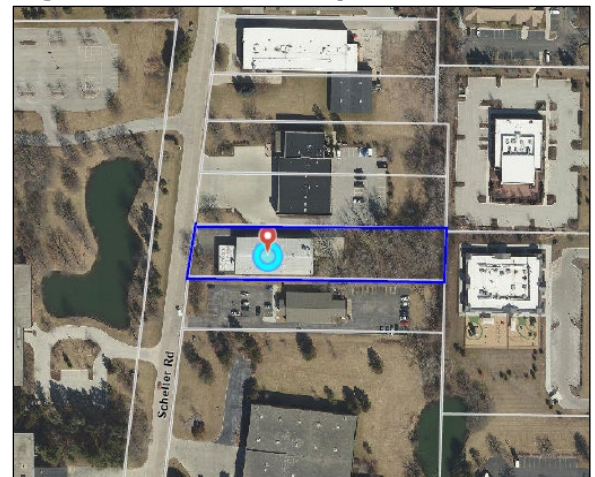
Fitzgerald Architecture Planning Design (“petitioner”), on behalf of property owner TZ Properties LLC, requests Architectural Review Board (ARB) approval of a parking lot design and exterior building modifications for Zizzo Auto Body at 121 Schelter Road.

The 1.1-acre property is located on the east side of Schelter Road, south of Half Day Road, and is outlined in blue in Figure 1 (Attachment 1).

Background

- 1966: The Village annexed the property.
- 1973: The original building was constructed on the former Chicagoland Airport and has since housed office and light industrial companies.
- 2012: Then-owner Sheet Metal Supply proposed a 12,175-square-foot building addition and requested setbacks, parking, and building foundation screening variances. Sheet Metal Supply later withdrew the application.
- 2014: TZ Properties LLC bought the property from Sheet Metal Supply and completed building and site improvements.
- 2021: The ARB approved façade modifications and a new ground monument sign.
- 2022: As part of Corporate Center rezoning, the Village rezoned the property from “O/Id Office/Industrial” to “Industrial” (Ordinance #22-3950-380).
- 2023: The Village Board approved a 6,453-square-foot addition to the existing 12,518-square-foot office/industrial building along with variances for building, parking, and ground-mounted equipment setbacks (Ordinance #23-3968-398).
- 2024: At the owner’s request, the Village Board approved a one-year extension of the variances (Ordinance #24-3992-422). The owner decided to forgo the building expansion in favor of additional parking and improved circulation and loading.

Figure 1: Location Map





- 2026: On April 27, 2026, the Village Board reviewed a pre-application request to reduce the north side yard setback from 8' to 1'. The Village Board referred the setback variance to the Zoning Board for a public hearing and the parking lot design to the ARB for review (see Attachment 3). On July 14, 2026, the Zoning Board unanimously recommended approval to the Village Board.

Project Description

Exterior Building Changes

The petitioner proposes to enlarge one rear overhead door, relocate and enlarge a second overhead door, and add a red dock surround to match the building's existing accents (Attachment 2).

Parking

Village Code requires 27 parking spaces for the property. There are currently 12 parking spaces: seven in front and five in the rear of the building. The proposed parking expansion will eliminate nine existing spaces and add 25 new rear spaces resulting in 28 total parking spaces.

The property currently houses three businesses operated by the property owner (Zizzo Racing; Zizzo Auto Body; and TZ Properties LLC) as well as one tenant (Auto Solutions). The petitioner reports that up to 10 employees currently work on-site at any given time, with the potential to add six employees in the future.

Tree Removal and Replacement

The Village previously approved the removal of 16 deciduous trees, each more than 6" in diameter, to accommodate the parking lot expansion. The proposed landscape plan includes two new hackberry trees, each with a minimum of 2.5" in diameter.

Trash Enclosure Relocation

The petitioner proposes to relocate the previously approved, but unbuilt, trash enclosure away from the building to improve waste hauler access. The enclosure's approved design, height, materials, and colors will remain unchanged.

Lighting

The petitioner proposes two new 20'-tall light poles in the rear parking lot to supplement two existing building-mounted lights. The property currently has no light poles. Proposed lighting levels meet Village Code requirements.

Third-Party Approvals

The petitioner contacted the Lake County Stormwater Management Commission (SMC). SMC indicated no additional on-site detention will be required for this proposal.

Staff determined that the proposed improvements comply with applicable Village Code requirements.

Comprehensive Plan Alignment

The proposed improvements support the 2024 Comprehensive Plan's broader objectives of encouraging continued investment in existing properties and maintaining the long-term viability of Lincolnshire's employment areas.

Approval Process

1. Pre-application review at the Village Board (April 27, 2026).
2. Zoning Board public hearing regarding the zoning variance (July 14, 2026).
3. Architectural Review Board design review of the proposed parking lot and exterior building modifications (August 25, 2026).



VILLAGE OF
L I N C O L N S H I R E

August 25, 2026
Architectural Review Board
3.1

4. Consideration of the setback variance at the Committee of the Whole.
5. Final vote at the Village Board.

Options for Consideration

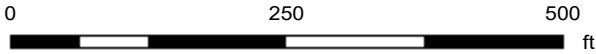
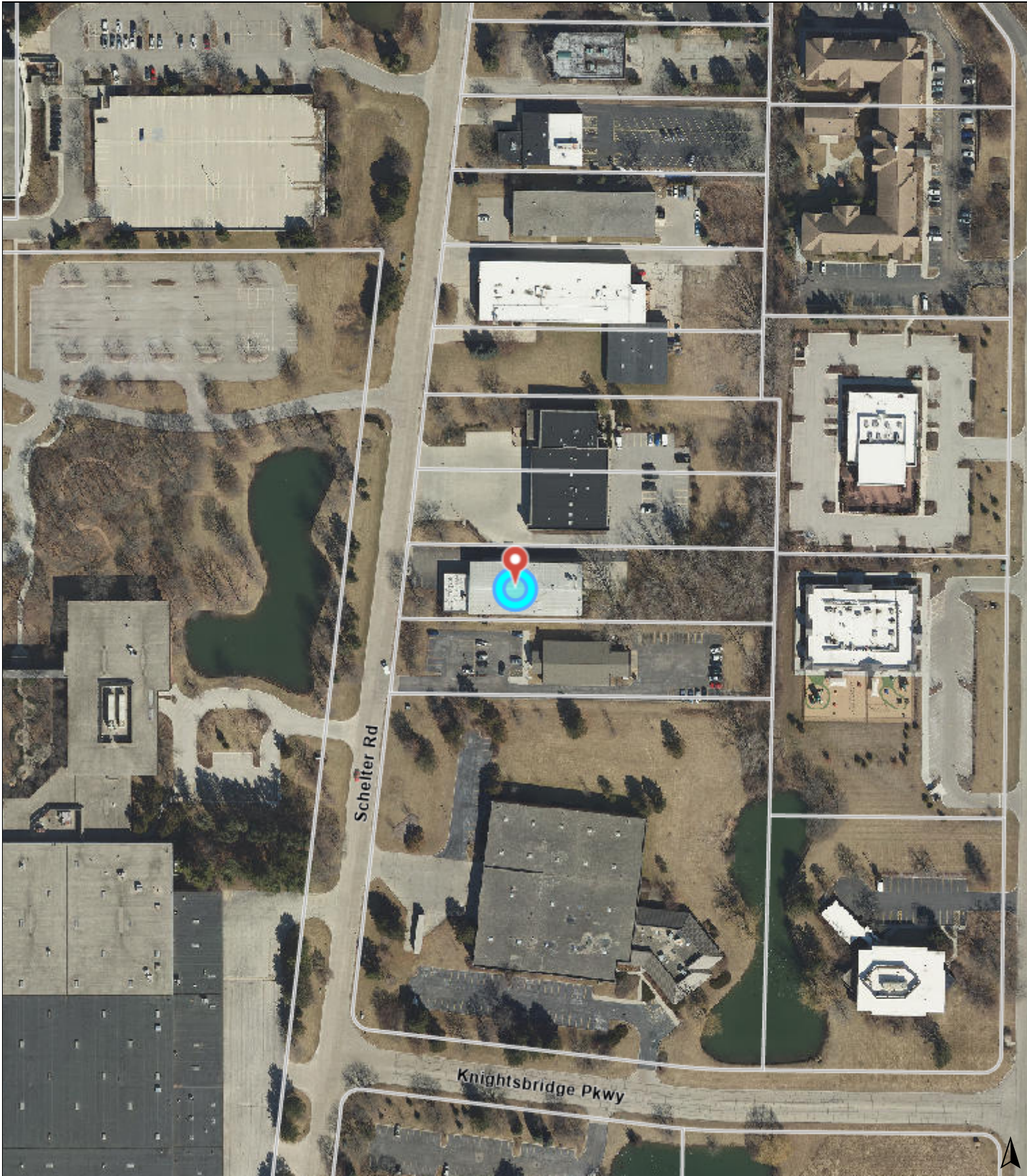
Not applicable.

Staff Recommendation / Next Steps

Approval of the parking lot design and building modifications.

Suggested Motion

Motion to approve parking lot design and building modifications for Zizzo Auto Body at 121 Schelter Road, subject to the Village Board approving the setback variance. [Add any conditions desired by the Architectural Review Board.]



Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

Notes



July 17, 2026

Village of Lincolnshire
ARB Chair Cherise Kennerly and ARB Members
1 Olde Half Day Road
Lincolnshire, IL 60069

121 Schelter Road – Proposed Expansion

ARB Chair Cherise Kennerly and ARB Members,

This letter is intended to outline our design approach for the proposed Zizzo Autobody rear parking lot expansion project located at 121 Schelter Road and provide context for our request to permit parking be located one foot (1') from the north side yard, rather than the required eight feet (8'), as per 6-11-2(B)(3)a of the Lincolnshire Village Code. The village board initially approved several variances for a building expansion on November 27, 2023, and subsequently granted a 1-year extension until November 26, 2025. The Zizzo team has opted to forgo that expansion as it will not provide adequate interior working space and exterior parking space for their growing business. Instead, they would like to expand the existing rear parking lot. The intent of the expansion is to provide additional space to accommodate Zizzo's expanding business, provide better on-site circulation, and provide improved loading and dock space that will reduce the use of Schelter Rd when loading.

Zizzo Autobody has been operating and serving the community for 44 years; the owners purchased the existing building in 2014. The daily operations at the building include the daily business of its three businesses owned and operated by the property owner (Zizzo Racing, Zizzo Auto Body, and TZ Properties LLC), and one tenant (Auto Solutions). Zizzo Autobody and Auto Solutions service customer cars, including body work, paint jobs, and business such as receiving vehicles, reviewing required services with clients, and business operations. Zizzo Racing stores and maintains their racing fleet and conduct the day-to-day business of arranging sponsors and coordinating racing events. TZ Properties conducts property management of the building on site.

The Village Board conducted a pre-application review of this variance request on April 27, 2026, and has referred the variance to the Zoning Board for a public hearing.

The text of the Lincolnshire Village Code (6-11-2(B)(3)a) requires any parking spaces to be located a minimum of eight feet from any property line. We are requesting a variance to allow for a one foot setback. There are a few reasons for our parking setback variance request; one being the ability to pull a semi-truck completely into the rear lot and then maneuver a vehicle into the back of the semi-truck. The current loading of the semi-truck occurs in the front parking area, and sometimes on Schelter Rd. Extending the rear parking lot will allow the 80'-0" semi-truck to pull all the way to the back of the lot, leaving room to load the 32'-0" racecar into the semi-truck, a maneuver that requires a minimum of 175'-0". This avoids having this activity take place on Schelter Rd. By allowing the expanded parking lot to align with the existing driveway on the north side of the building, it will allow for the semi-truck to pull in and back out in a straight line.

An additional reason for the parking setback variance request is to improve circulation around the rear loading docks; larger semi trucks/vehicles will require additional circulation space to back into the loading dock spaces. And finally, maintaining the parking setback while creating the necessary increased maneuvering space would greatly reduce the rear setback. While the rear setback would still be within limits, it would require the removal of additional trees and would greatly increase the total amount of new paving. Increasing the paving coverage would create a requirement for water detention, while at the same time leaving us with no additional space to create the required detention area.

The site plan shows the existing parking lot access drive located along the north property line and a 3'-0" wide landscaping strip along the north side of the building. To be in compliance with the parking setback and 8'-0" planting requirement would not allow the Zizzo semi-truck or other delivery semi trucks to access and maneuver the rear parking lot in a safe manner.

The new parking lot at the rear of the building will necessitate site grading work that will result in an approximately fifty-foot-long and three foot wide area of riprap along the north property line. The riprap will follow the north property line near the rear face of the building. This has been coordinated with the neighboring owners.

There are currently 7 existing parking spaces at the front of the lot and 5 existing parking spaces at the rear. With the proposed expansion, the front parking lot will be restriped to remove 4 parking spaces and accommodate 3 parking



spaces, and the newly expanded rear parking lot will provide 25 additional parking spots: 28 in total. The front parking area will include the 2 ADA-compliant parking spaces as required by code. This new parking lot will be used for vehicle parking for their 10 current staff members, a rotation of vehicles waiting for service, and those waiting for customer pick up. Additionally, the 2 rear overhead dock doors will be used for deliveries.

Sixteen existing deciduous trees (all of which are greater than 6 inch DBH) have been removed in preparation for the proposed parking lot. The village arborist reviewed the site in early 2026 and approved the removal of all sixteen requested trees, which has since been completed. The village arborist also determined that removed trees were not required to be replaced.

The proposed landscape plan intends to plant two new hackberry trees, with a minimum of 2.5 inch DBH each: one per parking island, as required by Title 13, Chapter 2 of the Lincolnshire Village Code.

As the new setback is only one foot wide, the variance includes the ability to not provide landscape screening along the north property line. The existing landscape screening along the east and south property lines should be sufficient.

As the rear face of the building may be slightly more visible to neighboring properties, we will be updating it to match the existing improvements in the front of the building. This includes enlarging one overhead door, and moving and enlarging the second overhead door. Both will also be receiving a red rear dock surround to match the existing red building accents and door surrounds at other overhead doors.

The trash enclosure was previously reviewed and approved by the ARB, and will be constructed in conjunction with the parking lot expansion. The location has changed, to provide easier access to the enclosure by the waste hauler, but the design, height, materials, and colors will stay the same. We have included the drawings of the previously approved trash enclosure in our package.

We anticipate adding two 20-foot tall pole-mounted light fixtures to the new rear parking lot to provide adequate lighting in addition to 2 existing building-mounted lights. We have provided a photometric plan and confirmed that the proposed lighting levels are less than 0.5 footcandles at the property line, as required by code.

We have contracted the Lake County Stormwater Management Commission, and they confirmed that no new on-site detention will be required.

In conclusion, the proposed plans reflect Zizzo Autobody's operational goals as outlined above and our request for variances to reduce the north parking setback to one foot and eliminate the north planting strip. With this variance, we will meet all other code requirements. Please let us know if we can provide you with any additional information.

Sincerely,

FITZGERALD ARCHITECTURE PLANNING DESIGN

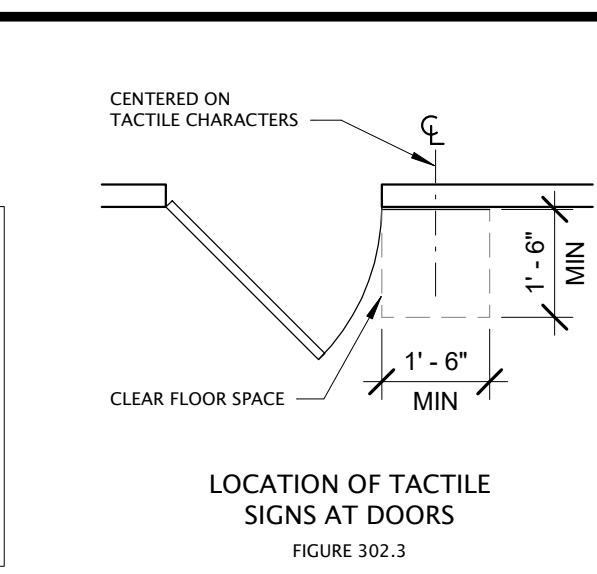
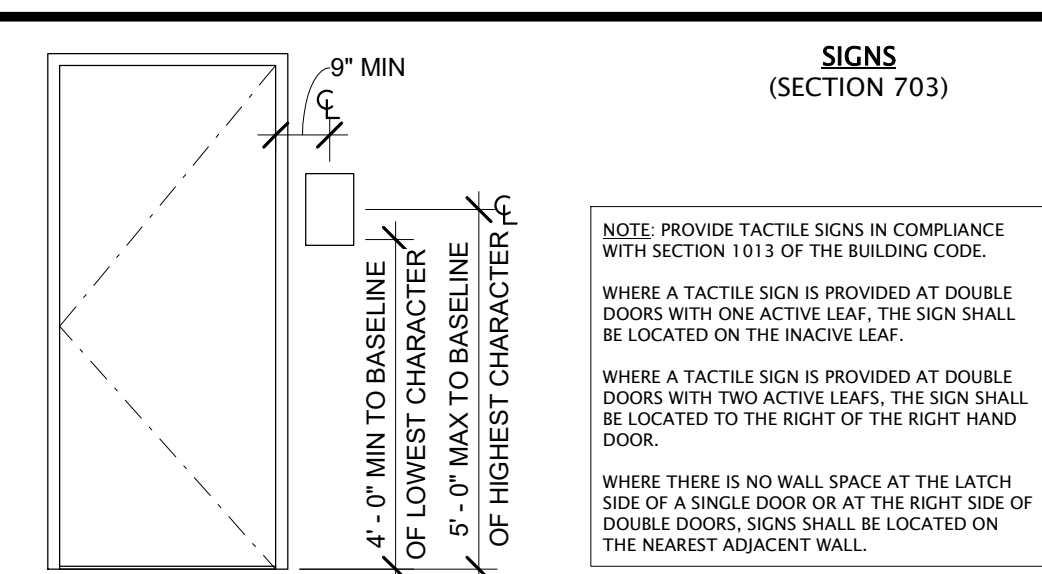
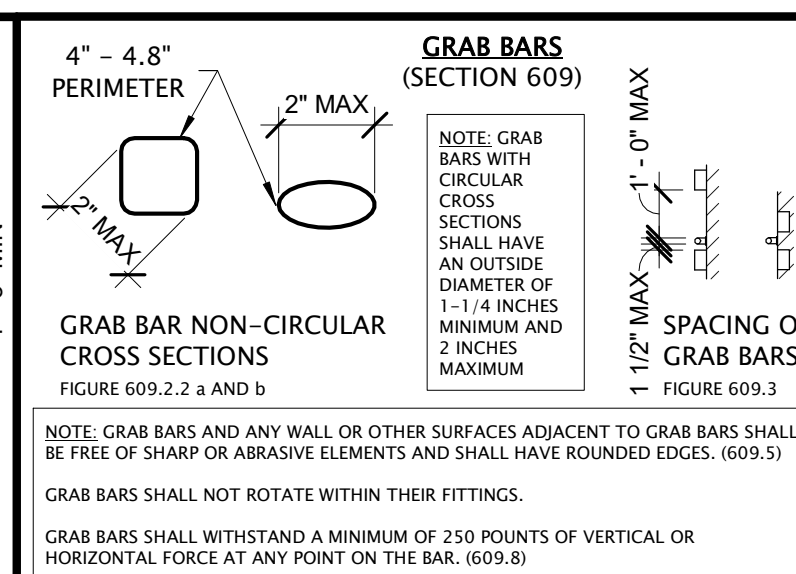
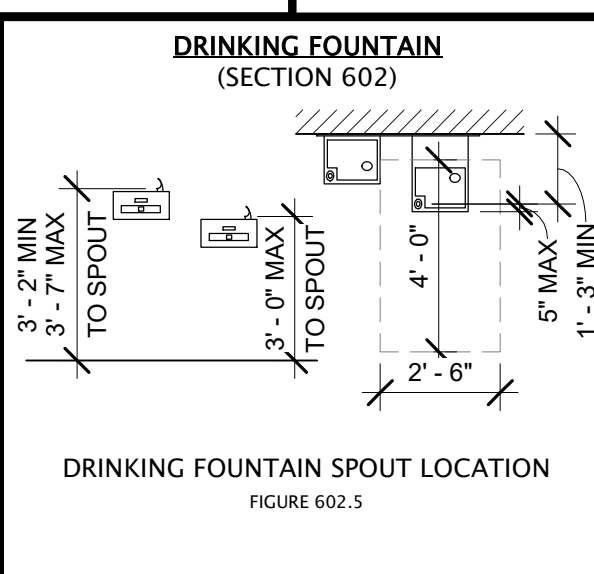
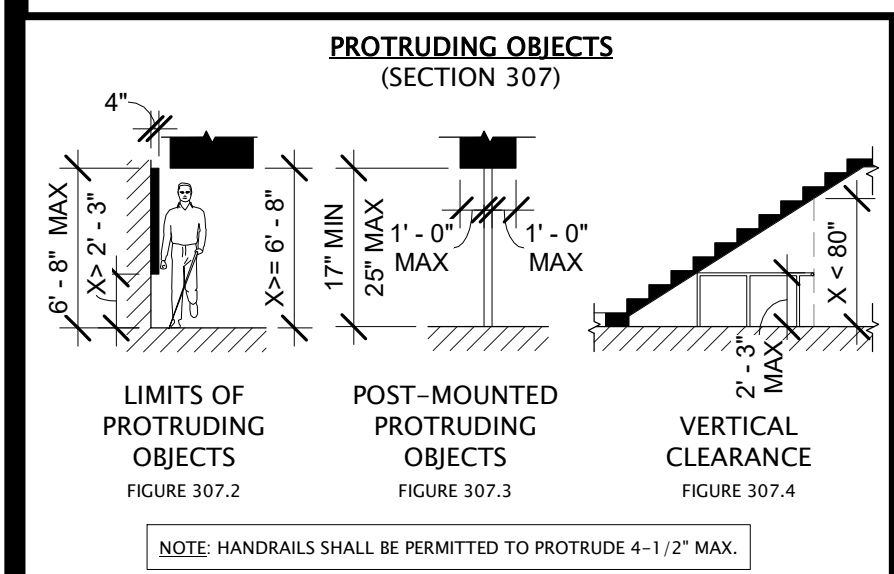
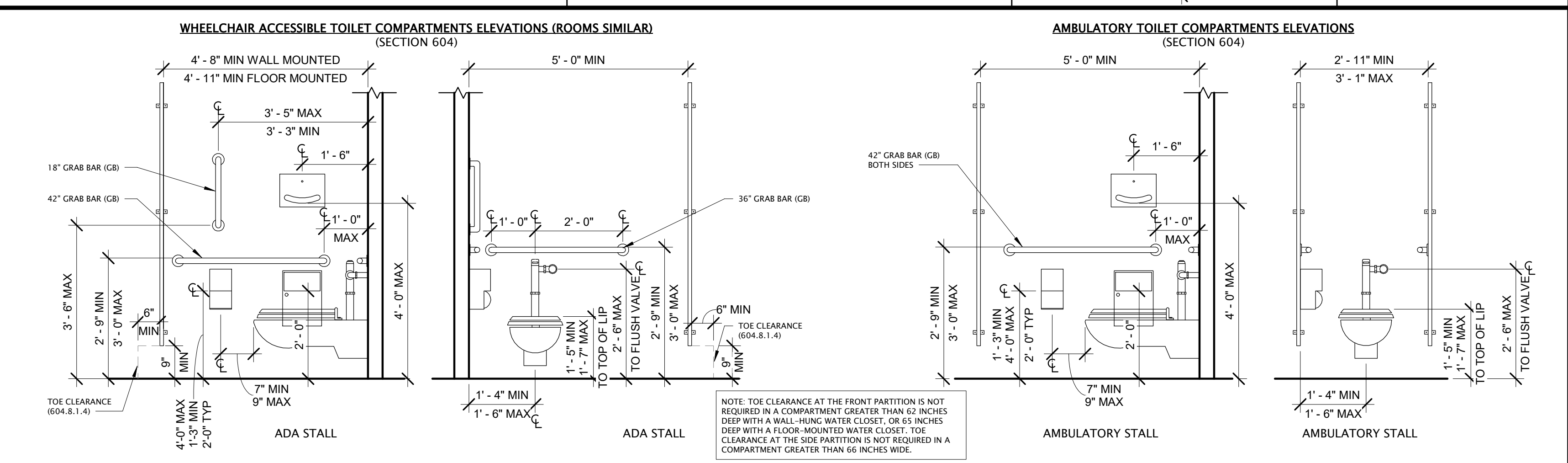
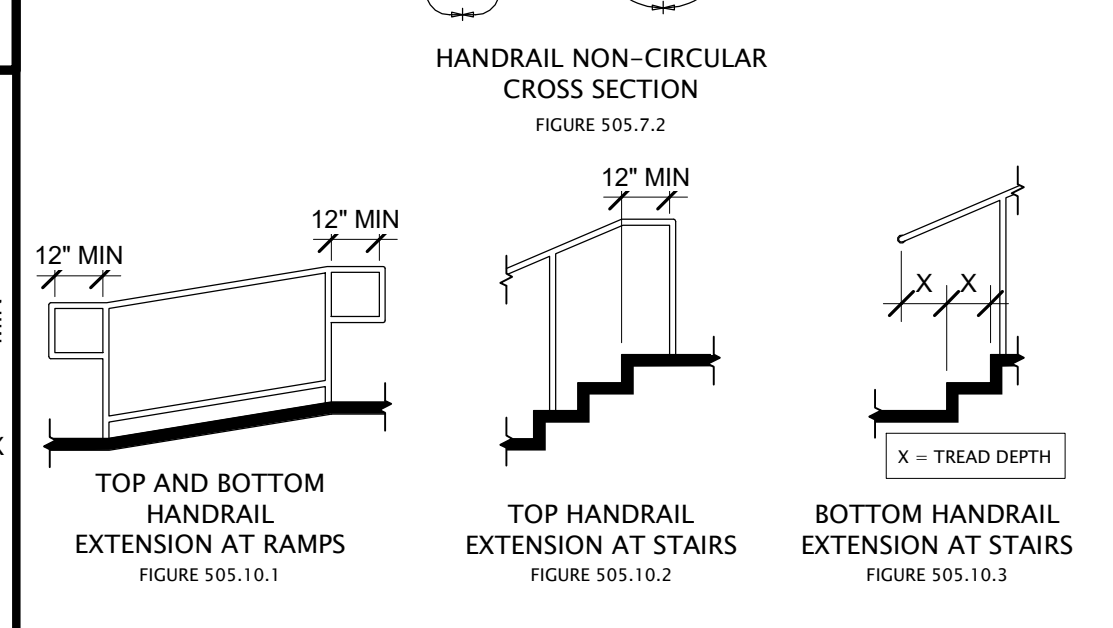
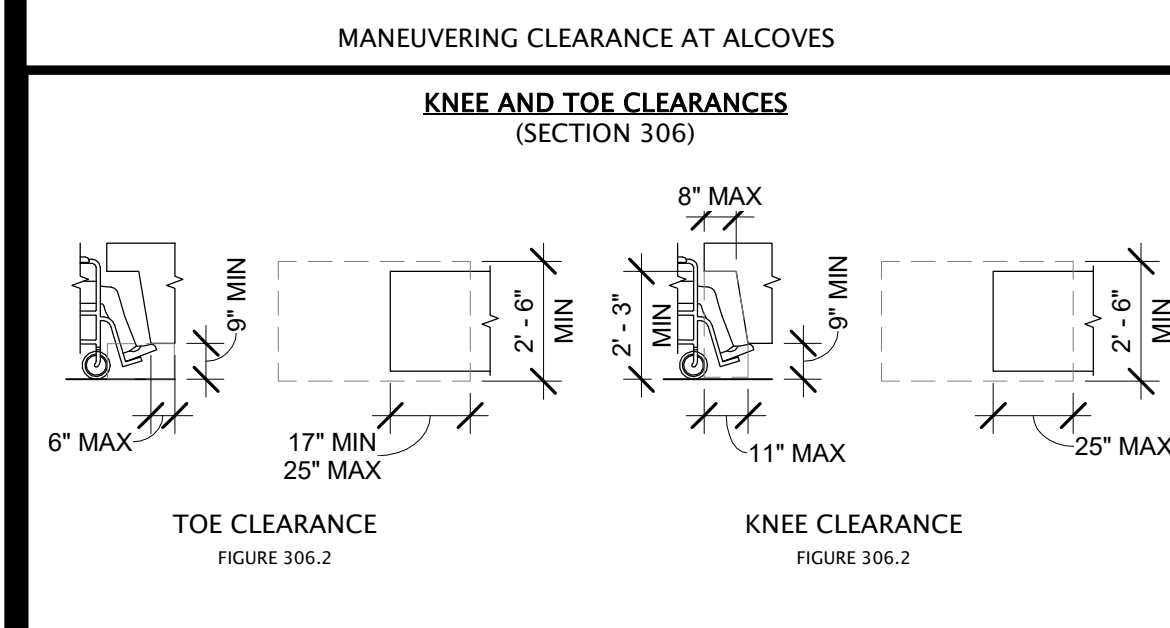
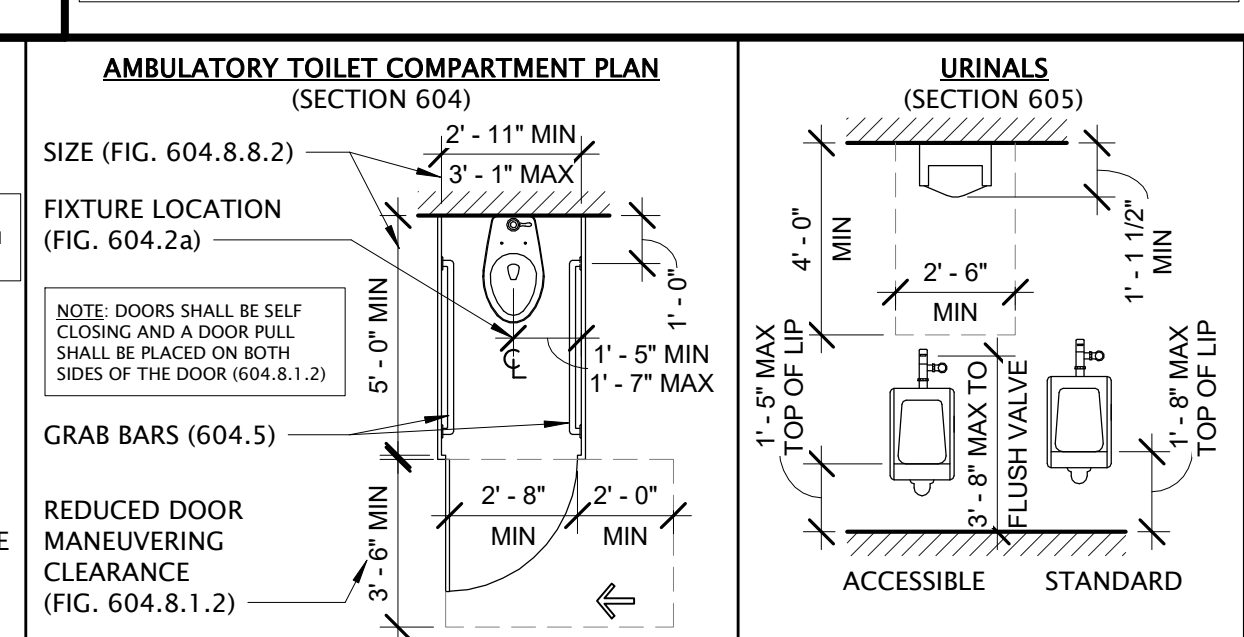
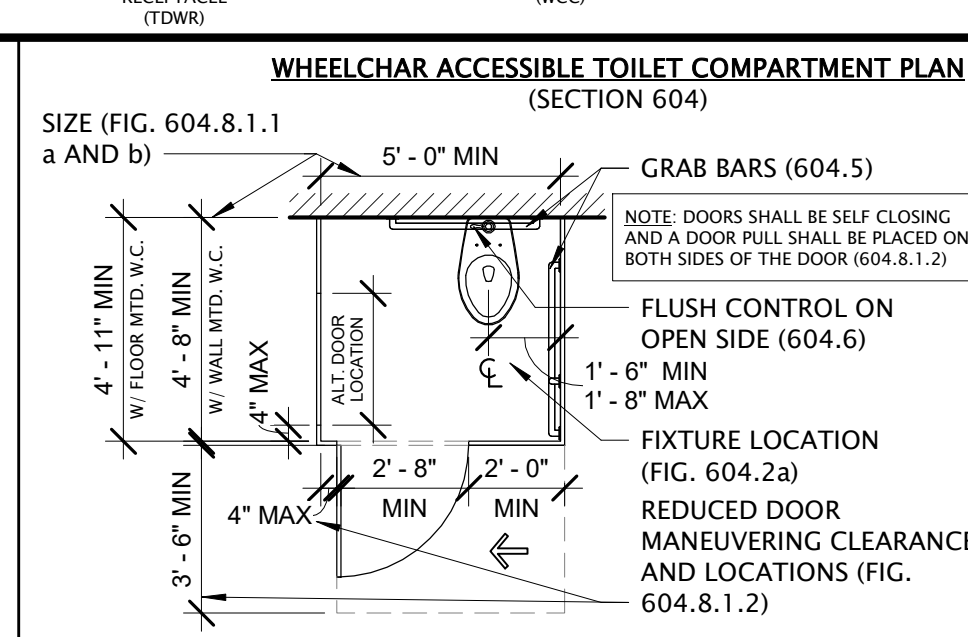
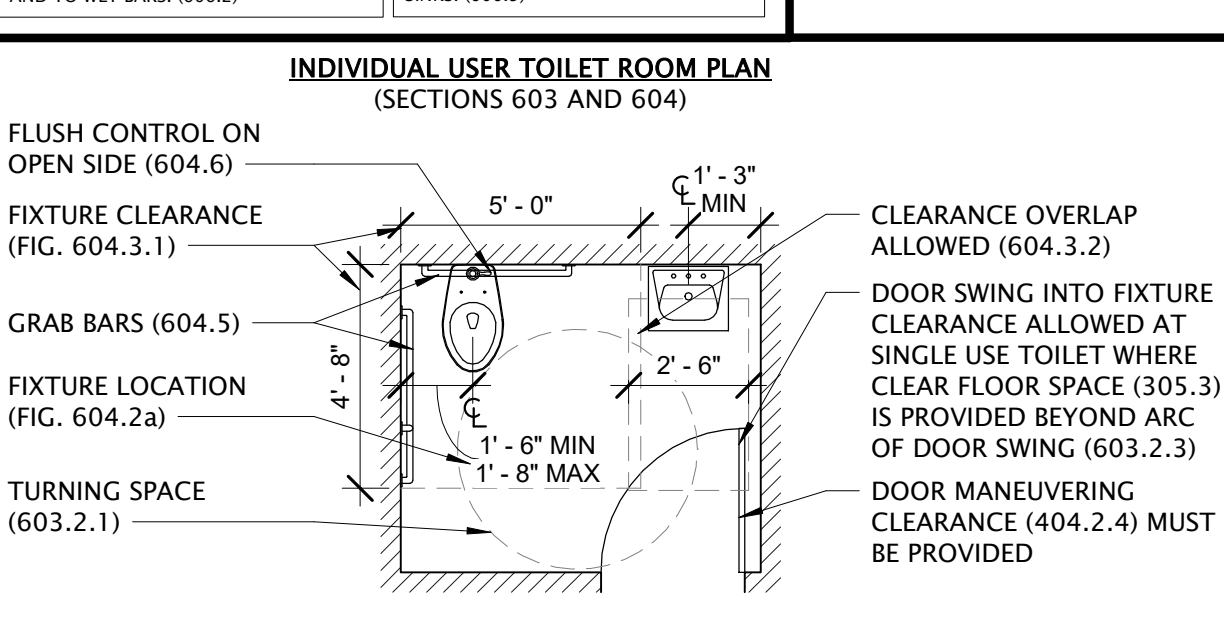
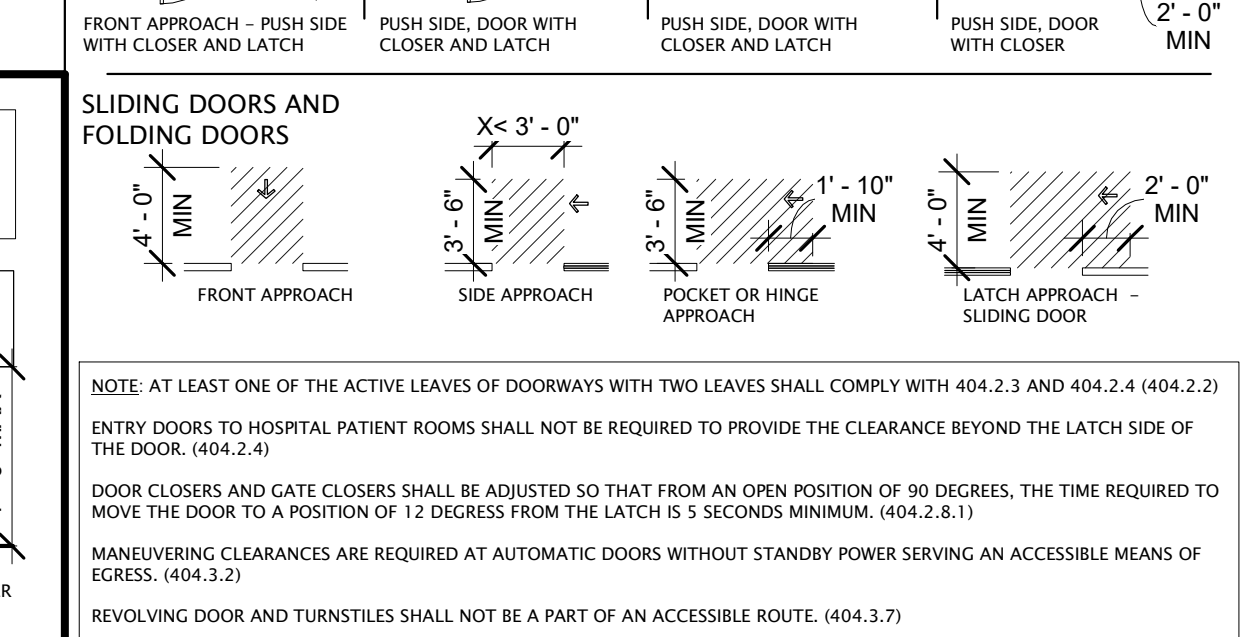
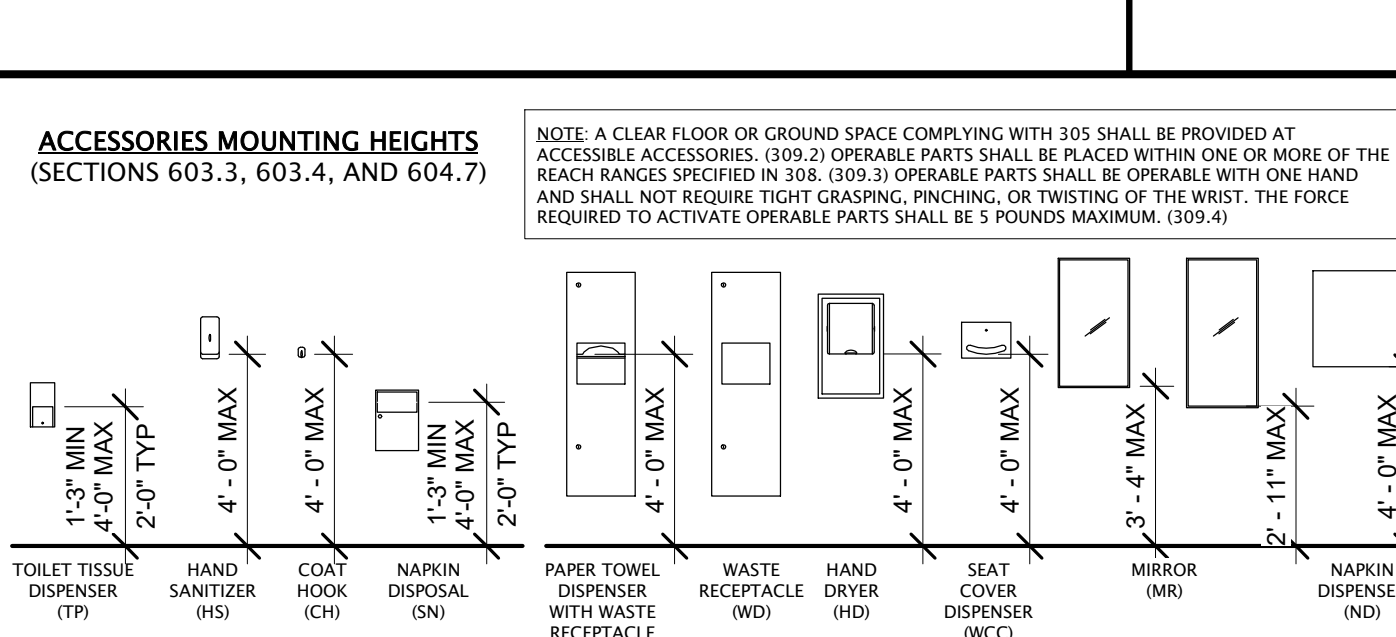
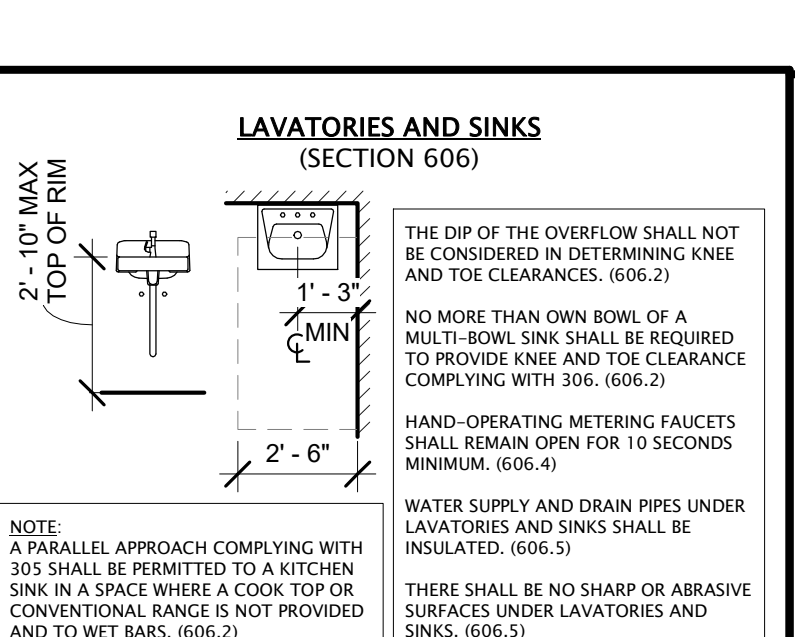
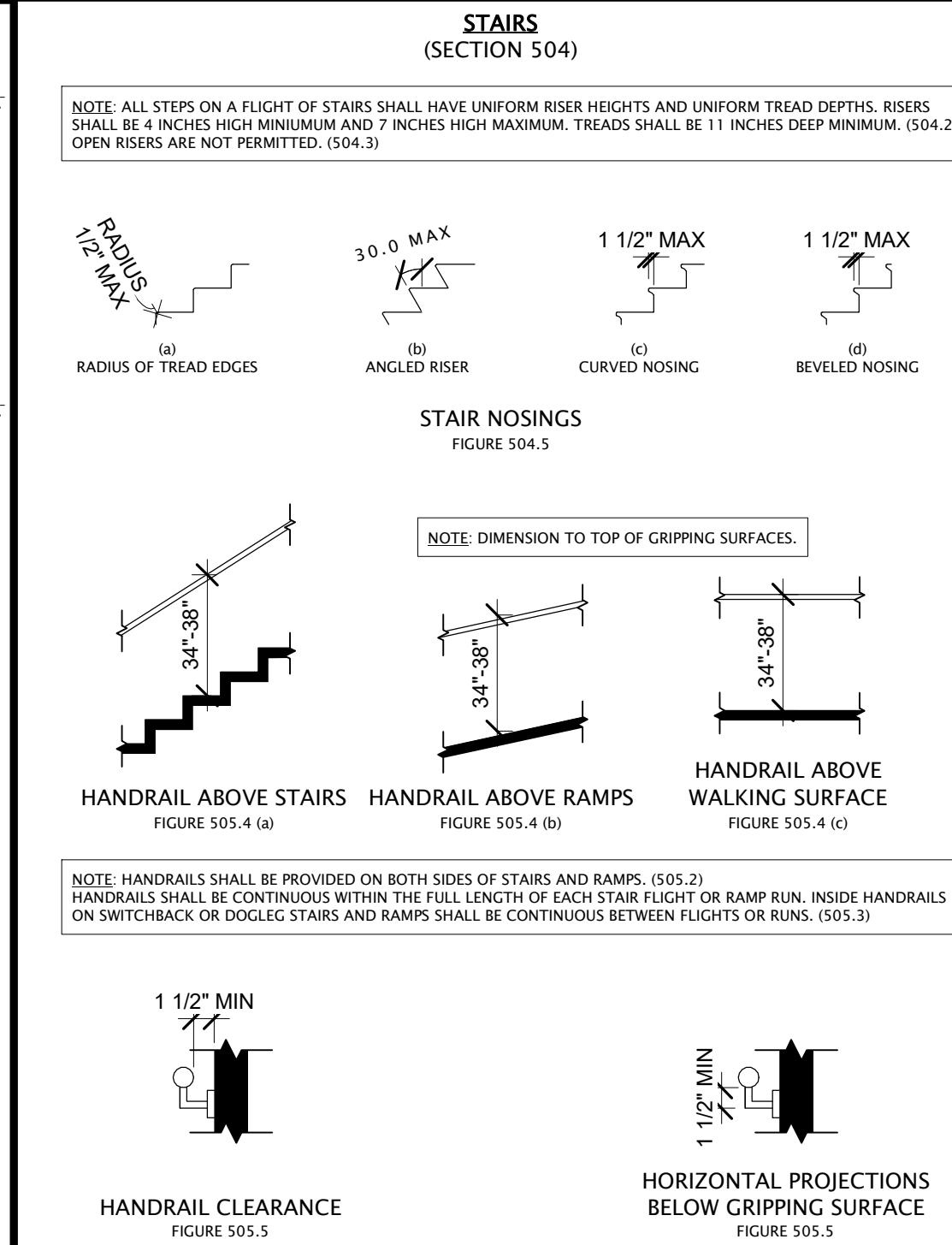
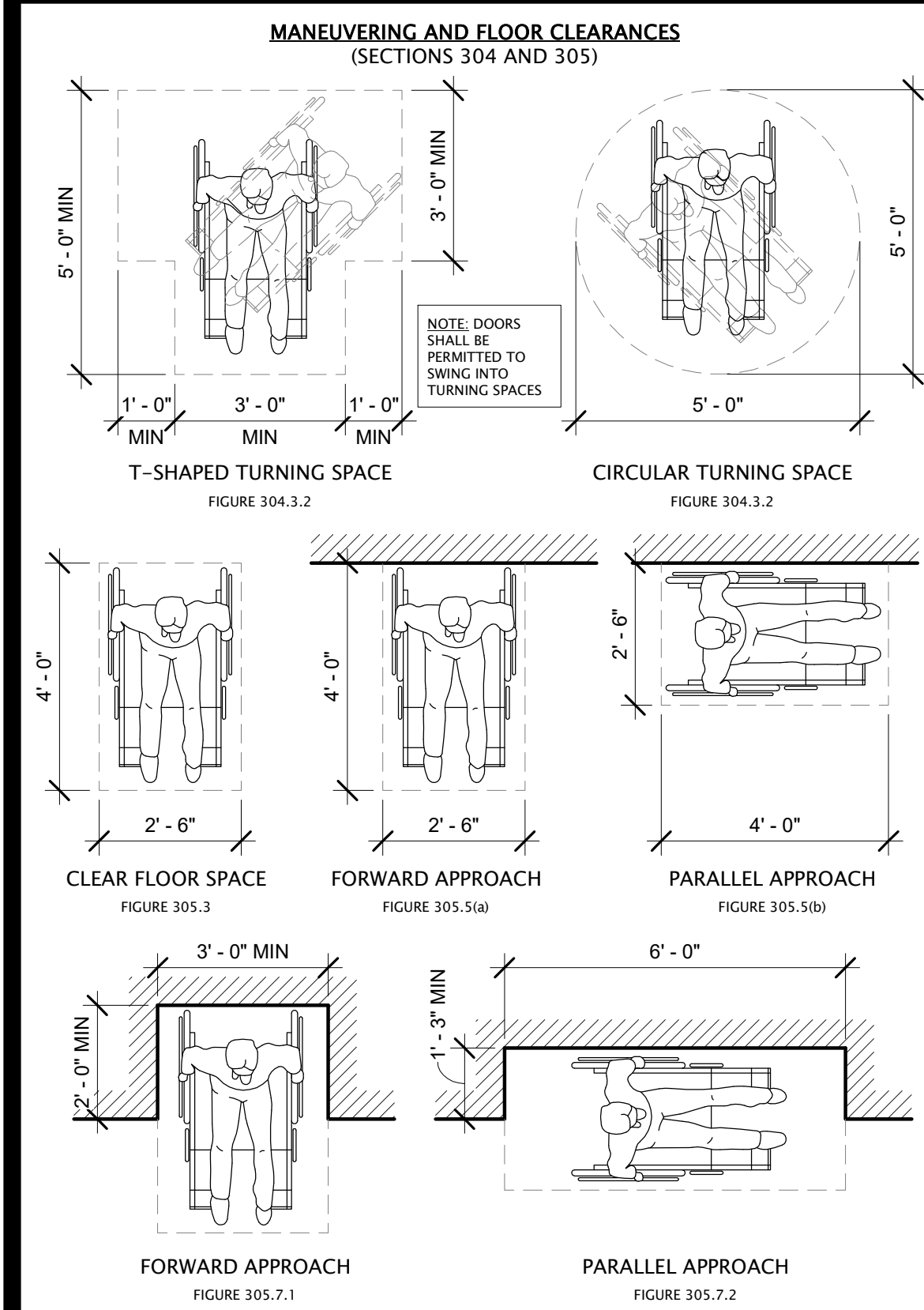
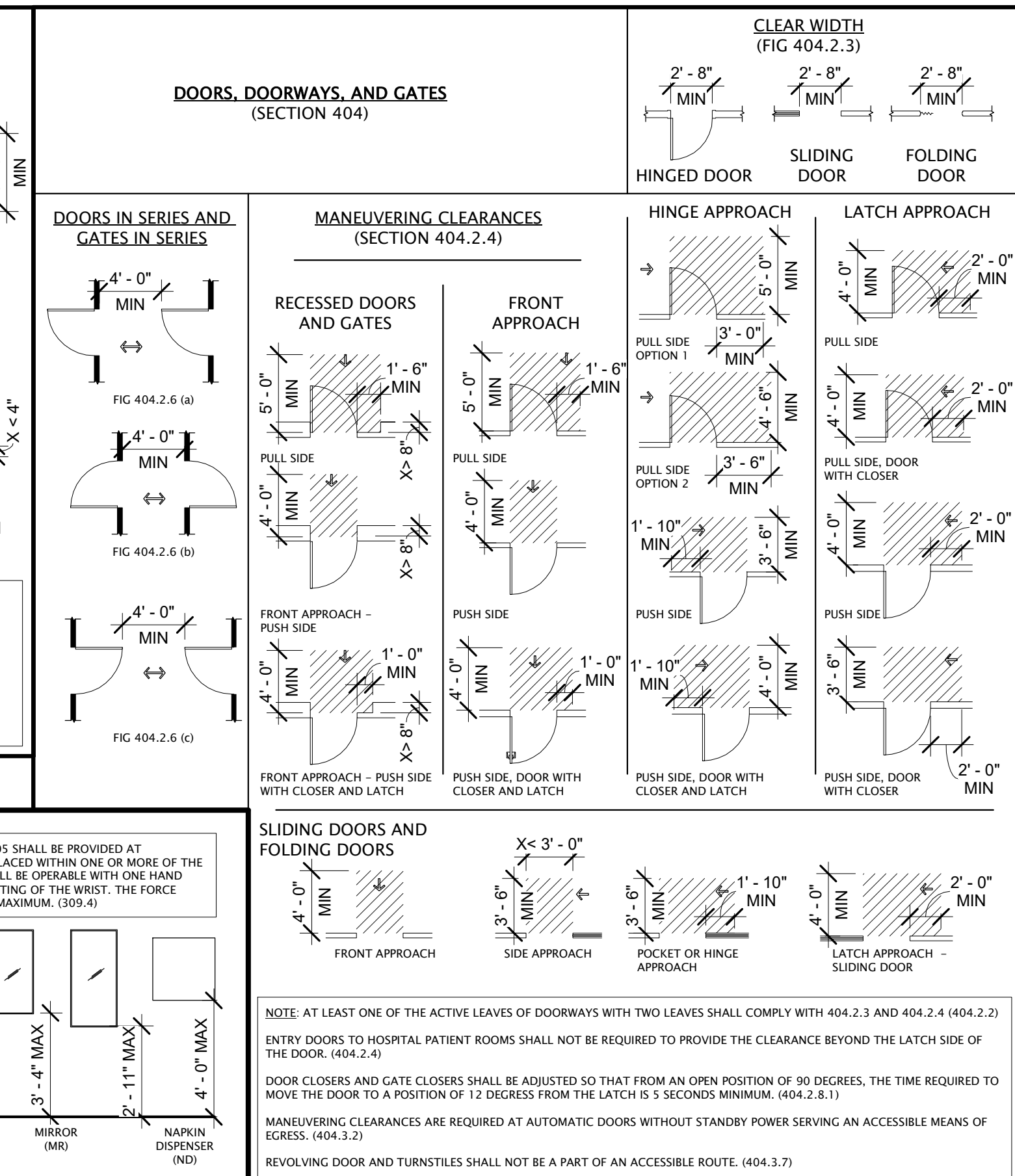
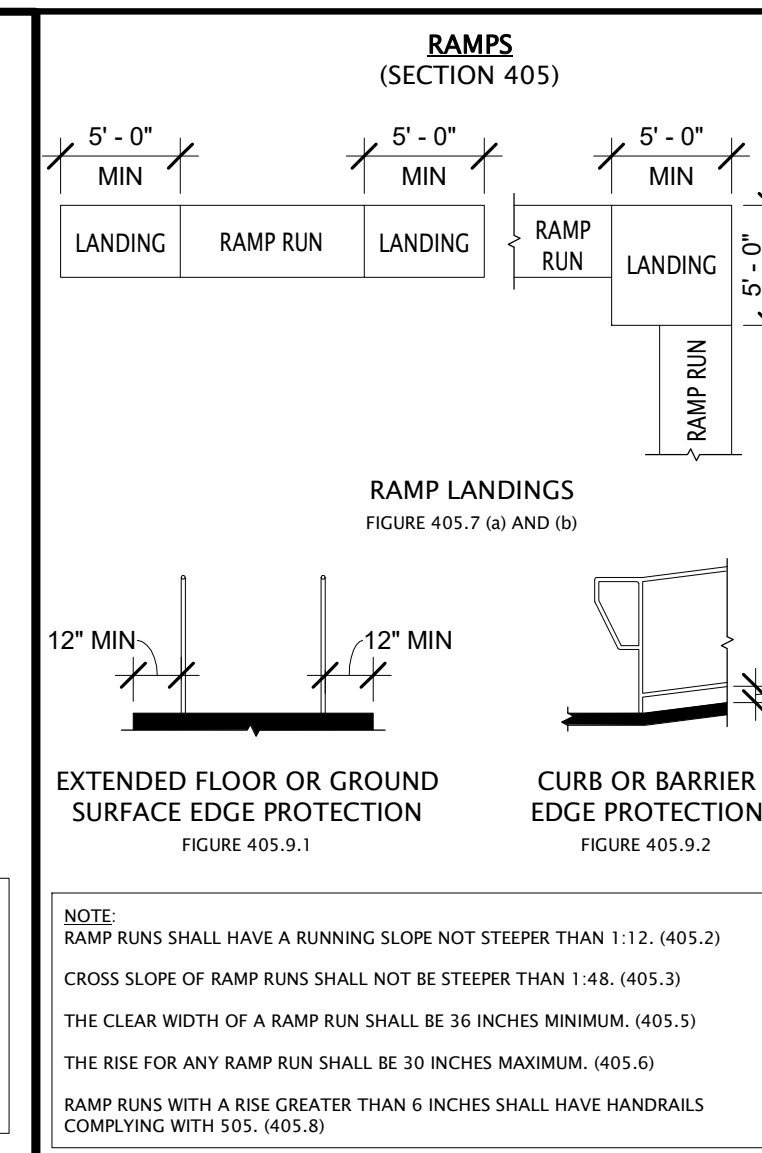
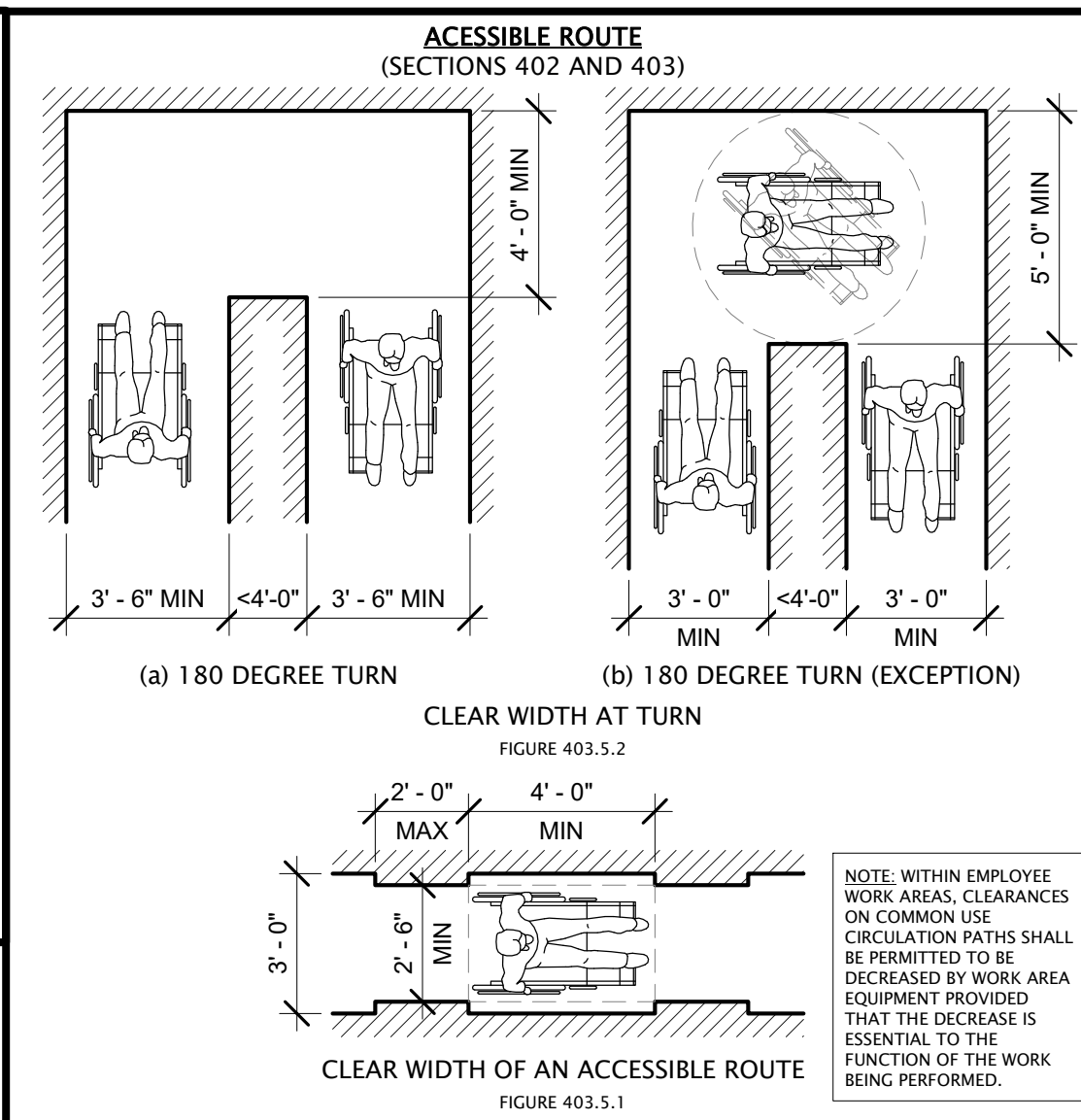
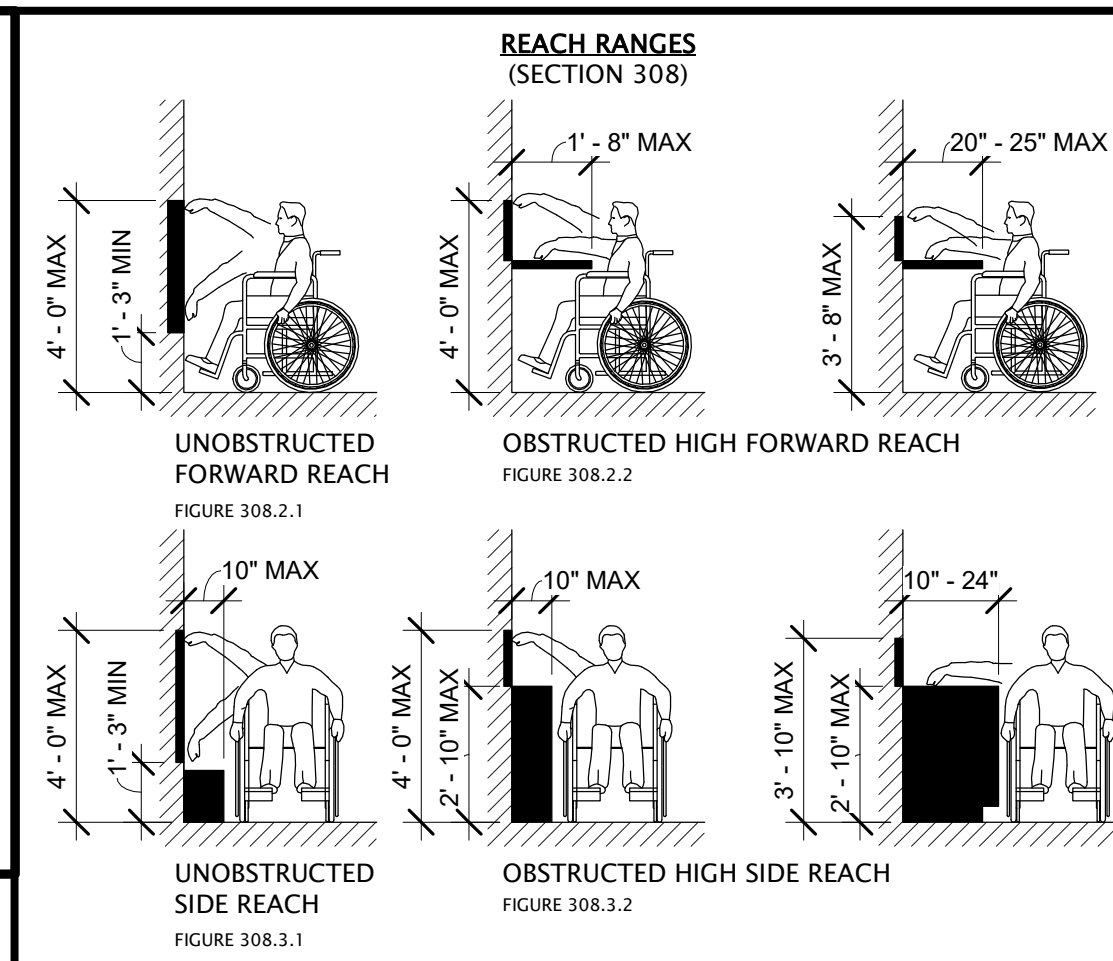
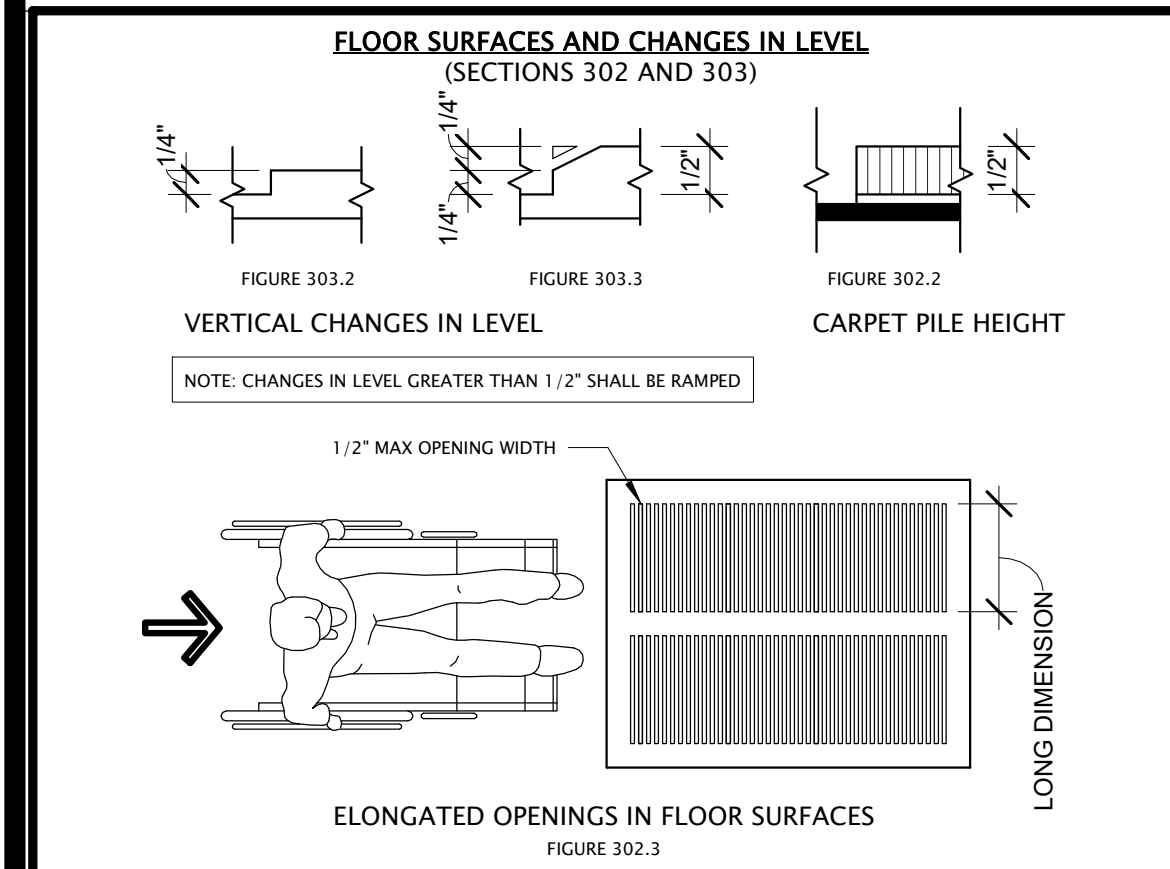
A handwritten signature in dark ink, appearing to read "Daniela S.A. Fitzgerald".

Daniela S.A. Fitzgerald, AIA , LEED AP, NCARB

121 SCHELTER RD, LINCOLNSHIRE, IL 60069

ZIZZO AUTO BODY PARKING EXPANSION 121 SCHELTER RD, LINCOLNSHIRE, IL 60069 THESE DRAWINGS ARE PROTECTED BY COPYRIGHT AND MAY NOT BE USED WITHOUT THE EXPRESSED WRITTEN CONSENT OF FITZGERALD ARCHITECTURE, PLANNING, DESIGN. <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"><thead><tr><th style="width: 15%;">REV</th><th style="width: 35%;">DATE</th><th style="width: 50%;">ISSUED FOR:</th></tr></thead><tbody><tr><td></td><td style="text-align: center;">6/23/26</td><td>ISSUED FOR VARIANCE</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table> GENERAL NOTES, LEGENDS, ABBREVIATIONS			REV	DATE	ISSUED FOR:		6/23/26	ISSUED FOR VARIANCE															
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ADA DESIGN REQUIREMENTS GUIDELINES PER 2018 ILLINOIS ACCESSIBILITY CODE



**ZIZZO AUTO BODY
PARKING EXPANSION**
121 SCHELTER RD,
LINCOLNSHIRE, IL 60069

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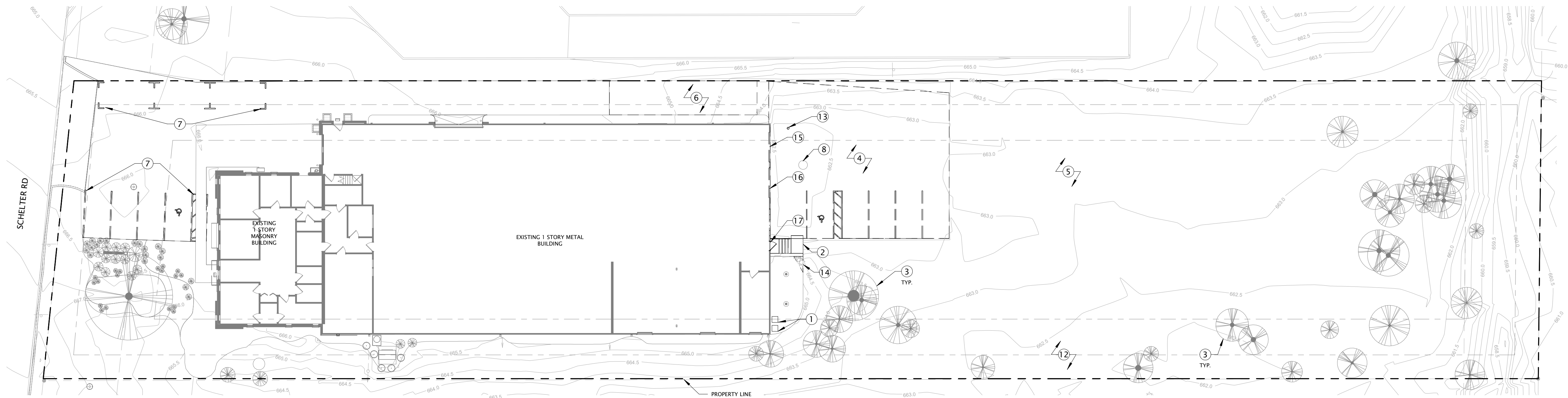
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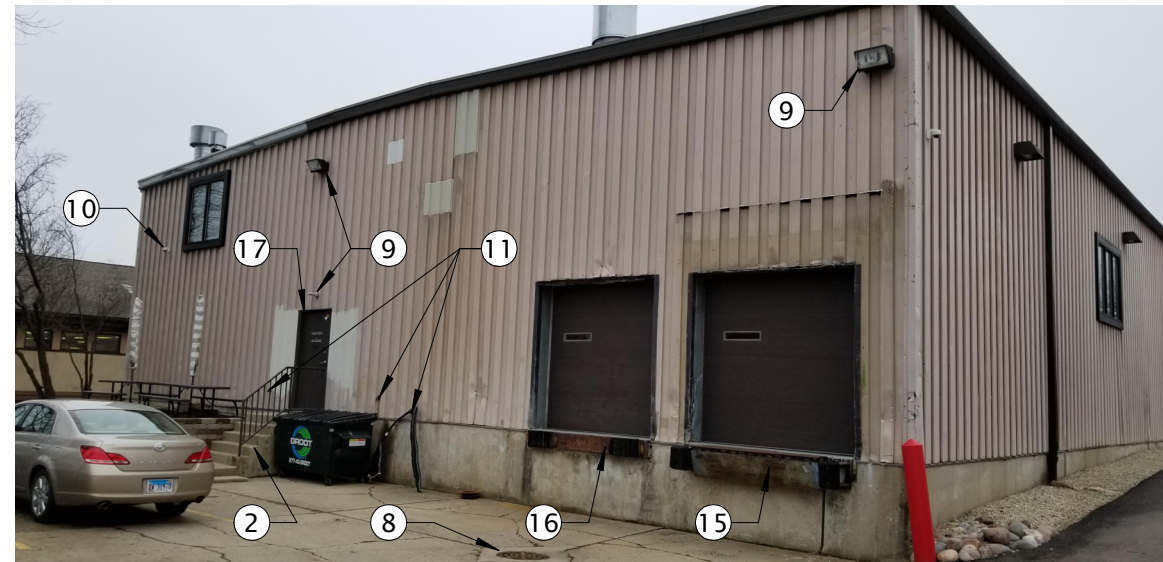


1 DEMOLITION SITE PLAN

1" = 20'-0"

0 12' 24' 48' 72'

N



EXISTING BUILDING – REAR VIEW

NOT TO SCALE



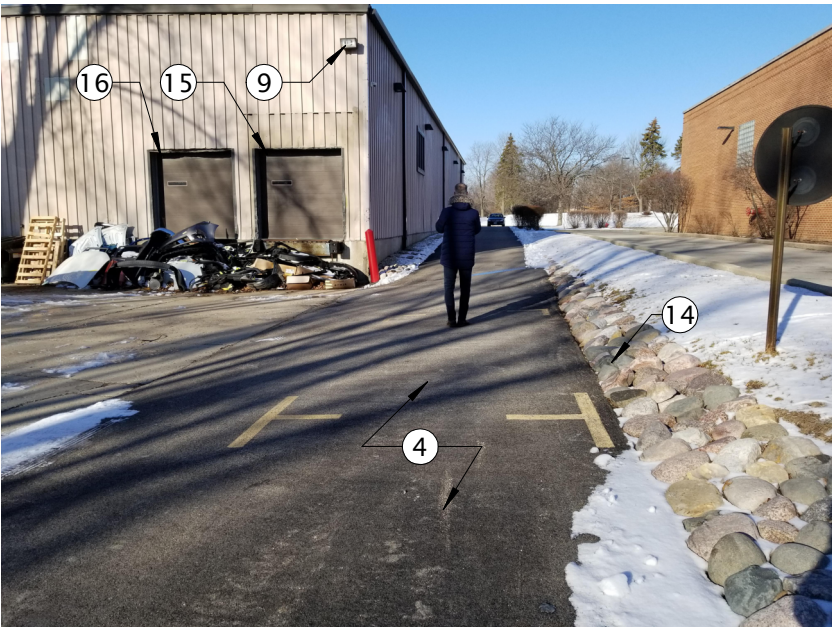
EXISTING BUILDING – REAR ENTRY

NOT TO SCALE



EXISTING BUILDING – COMPRESSORS

NOT TO SCALE



EXISTING BUILDING – NORTH SIDE

NOT TO SCALE

SITE DEMOLITION GENERAL NOTES

- A. EXISTING LOT TO REMAIN (NO CHANGE TO PROPERTY LINES).
- B. EXISTING DRIVEWAY AND FRONT PARKING AREA TO REMAIN.
- C. DO NOT SCALE DRAWINGS

SITE DEMOLITION KEYNOTES

- 1 EXISTING GROUND MOUNTED CONDENSING UNITS TO REMAIN. ADJUST MOUNTING PAD TO NEW PARKING LEVEL. EXTEND CONNECTION LINES AS NECESSARY.
- 2 REMOVE CONCRETE STEPS, RAILING, AND RETAINING WALL.
- 3 EXISTING TREES TO REMAIN AS SHOWN. REFER TO TABLE. PROTECT TREES TO REMAIN DURING CONSTRUCTION.
- 4 EXISTING PARKING LOT SURFACE TO BE REMOVED.
- 5 REMOVE EXISTING SOD AND REGRADE AS SHOWN IN CIVIL DRAWINGS.
- 6 REGRADE PORTION OF EXISTING DRIVE AS NEEDED. SEE CIVIL DRAWINGS. RAISE IN-GROUND DOWNSPOUT AS NEEDED.
- 7 REMOVE PARKING SPACES BY PAINTING EXISTING LINES BLACK
- 8 EXISTING CATCH BASIN AND UNDERGROUND PIPE TO REMAIN. COORDINATE WITH NEW RESURFACED PARKING. SEE CIVIL DRAWING AND NARRATIVE FOR ADDITIONAL INFORMATION.
- 9 EXISTING LIGHTING AT REAR OF BUILDING TO REMAIN.
- 10 EXISTING SECURITY CAMERAS TO REMAIN.
- 11 EXISTING WATER HOSE PIPING AND UTILITY OUTLETS TO REMAIN.
- 12 LANDSCAPING BETWEEN PROPERTY LINE AND 20'-0" SETBACK TO REMAIN. REFER TO NEW LAYOUT.
- 13 REMOVE BOLLARD.
- 14 REMOVE ROCKS, COORDINATE RETAINING WALL WITH NEW GRADING.
- 15 REMOVE OVERHEAD DOOR AND DOCK BUMPERS. ENLARGE OPENING FOR NEW OVERHEAD DOOR. PATCH AS NEEDED.
- 16 REMOVE OVERHEAD DOOR AND DOCK BUMPERS. FILL IN OPENING AS NEEDED FOR NEW MAN DOOR. PATCH AS NEEDED.
- 17 REMOVE MAN DOOR. ENLARGE OPENING FOR NEW OVERHEAD DOOR.

ZIZZO AUTO BODY PARKING EXPANSION 121 SCHELTER RD, LINCOLNSHIRE, IL 60069

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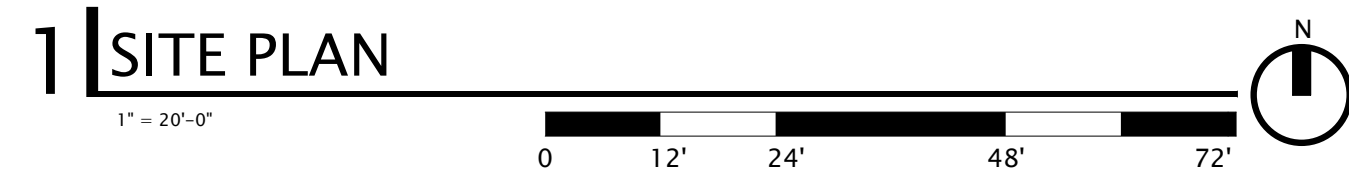
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DEMOLITION SITE PLAN

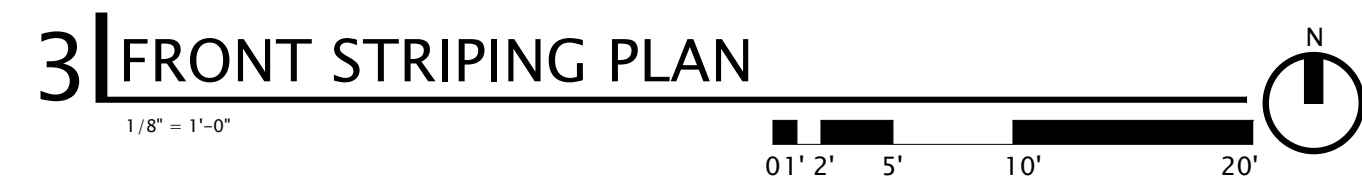
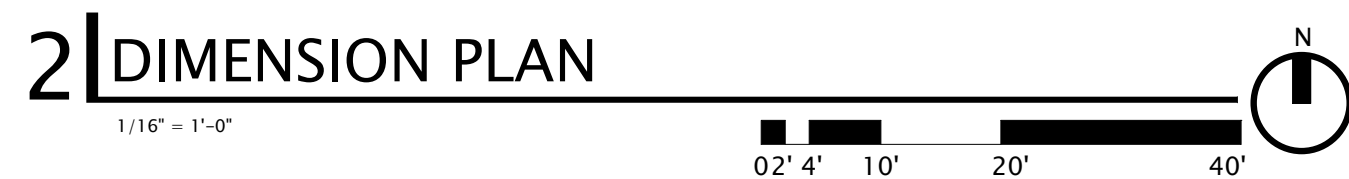
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- A. EXISTING LOT TO REMAIN (NO CHANGE TO PROPERTY LINES).
- B. EXISTING DRIVEWAY TO REMAIN.
- C. FRONT LOT PARALLEL PARKING TO BE REMOVED.
- D. REAR FACADE TO BE UPGRADED PER ORIGINAL PERMIT SCOPE. SEE ELEVATION BELOW.



**ZIZZO AUTO BODY
PARKING EXPANSION**
121 SCHELTER RD,
LINCOLNSHIRE, IL 60069

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SITE PLAN

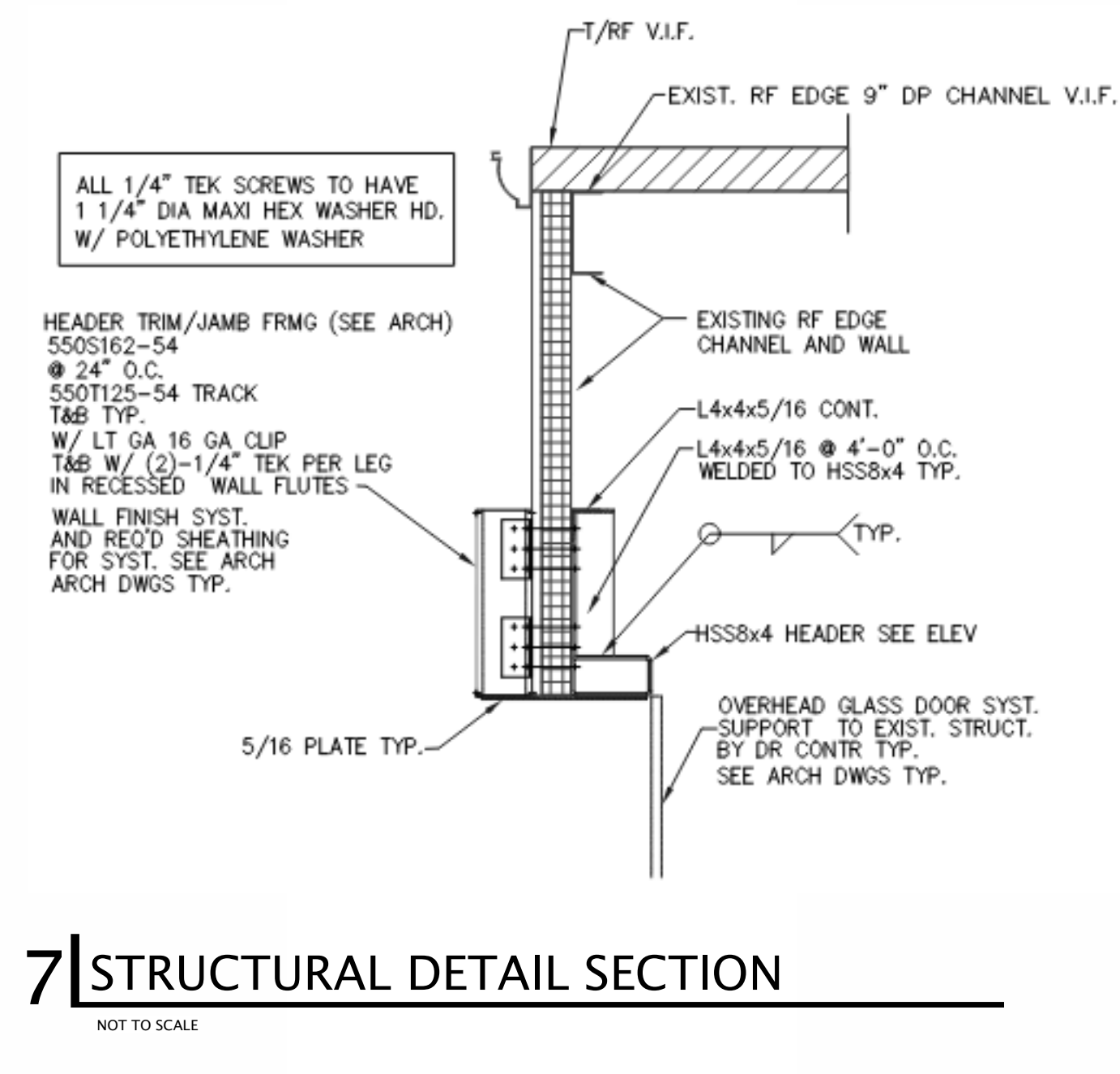
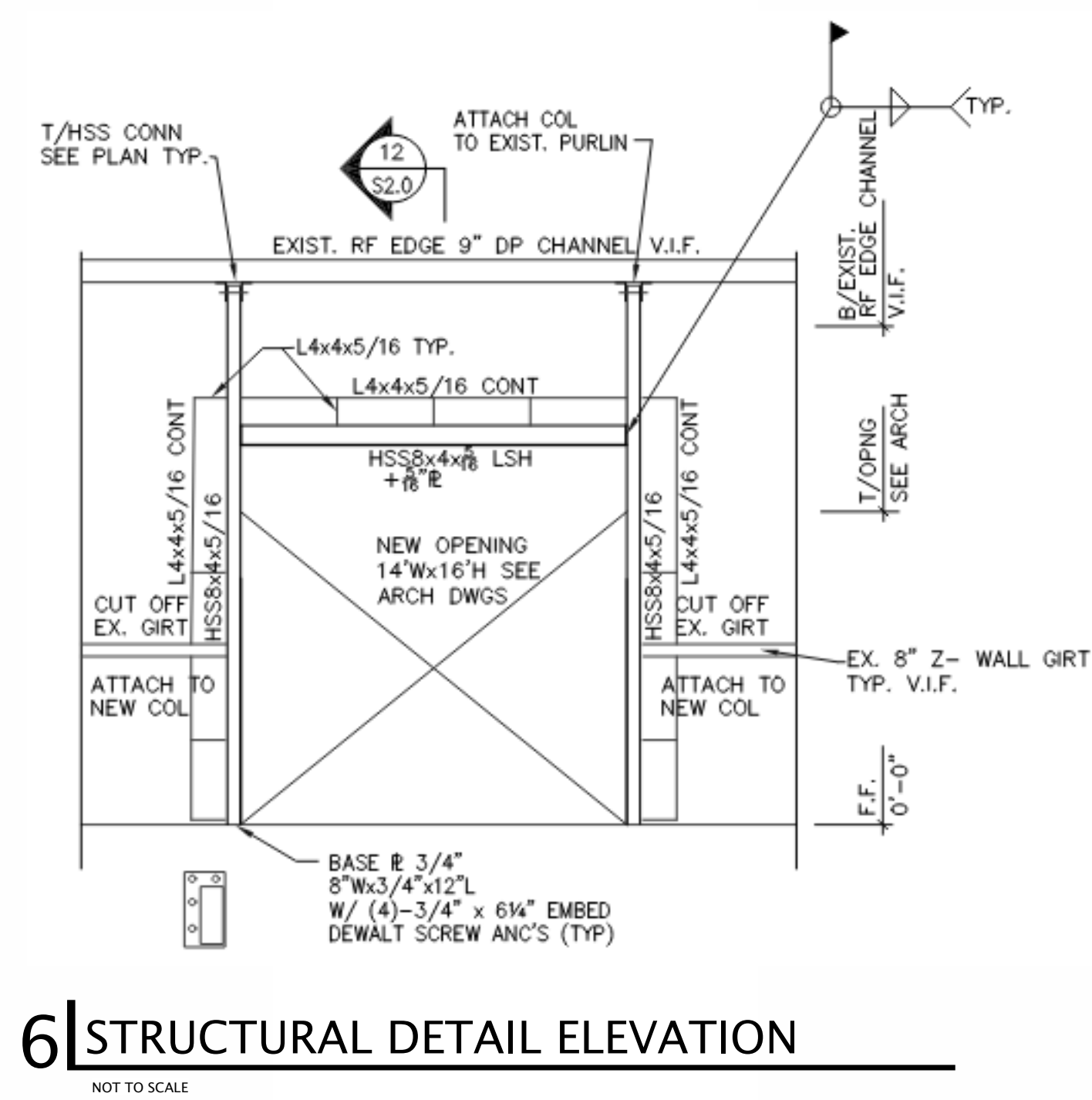
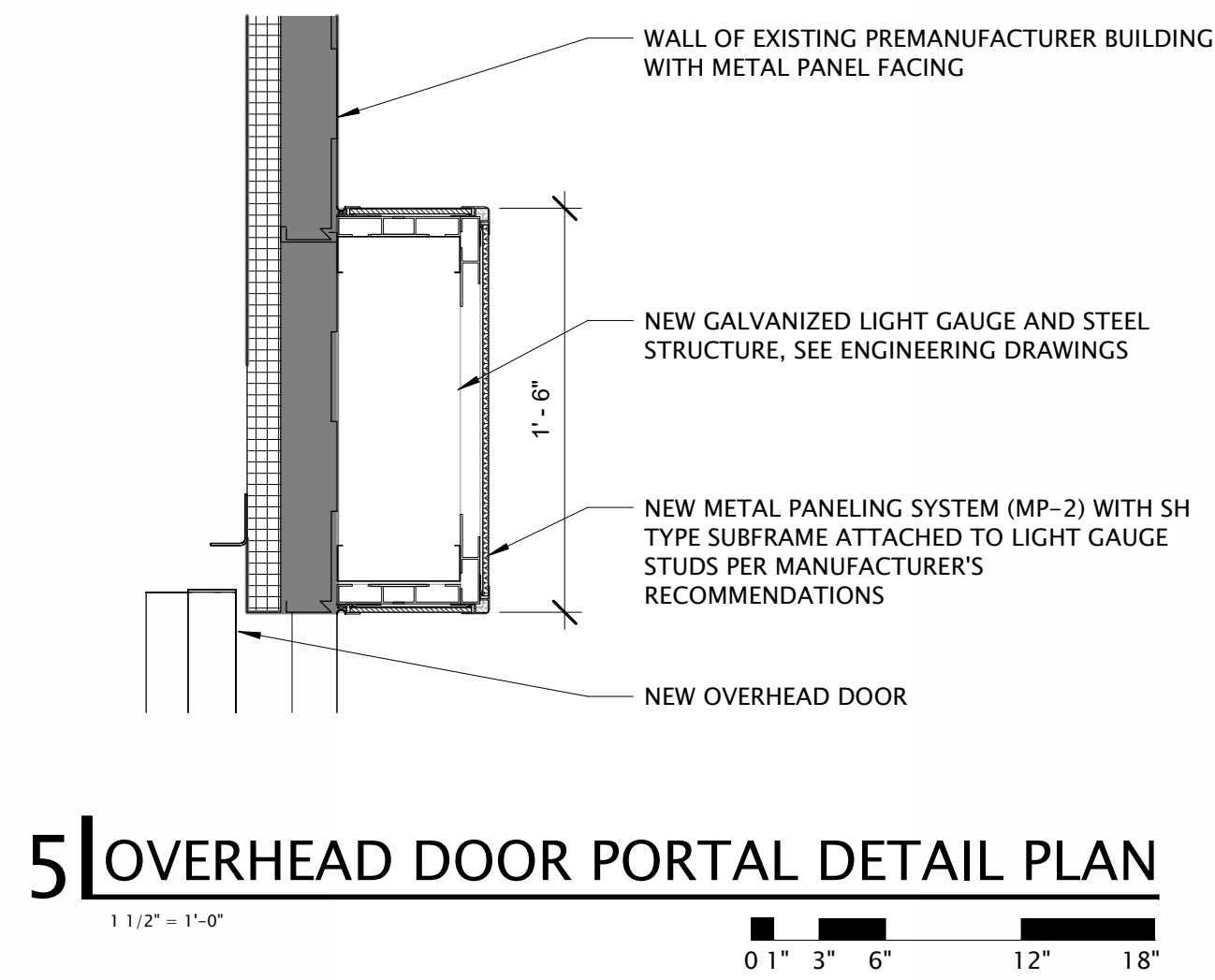
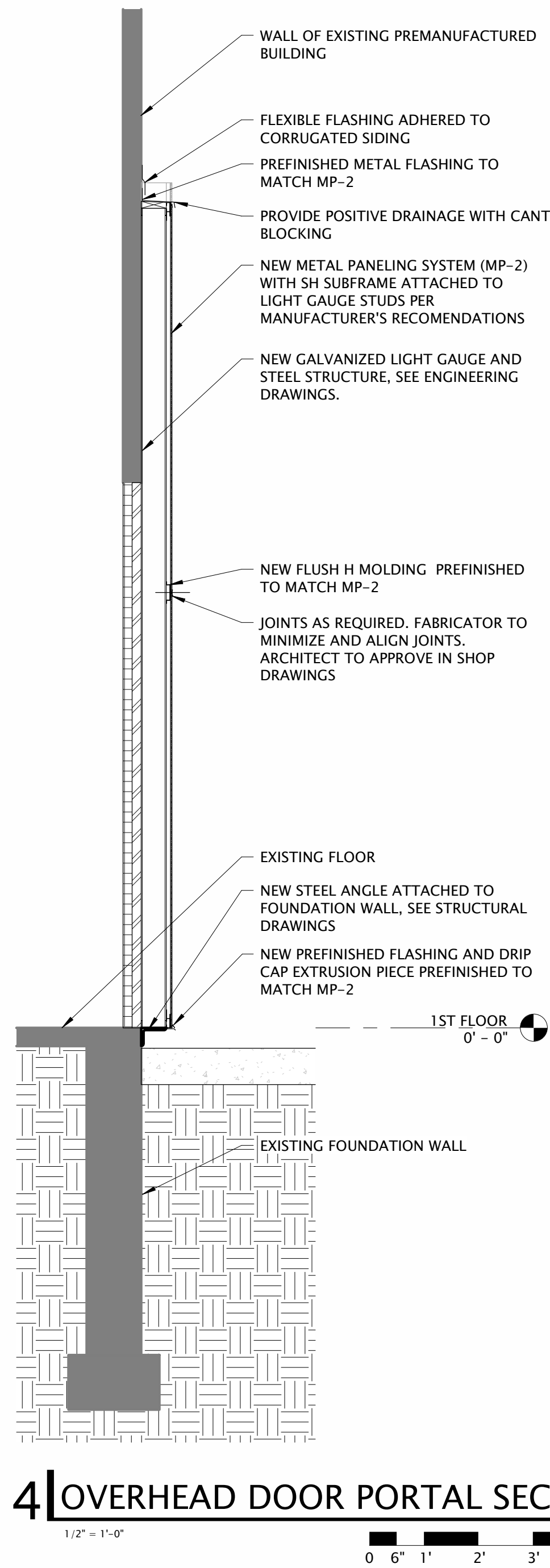
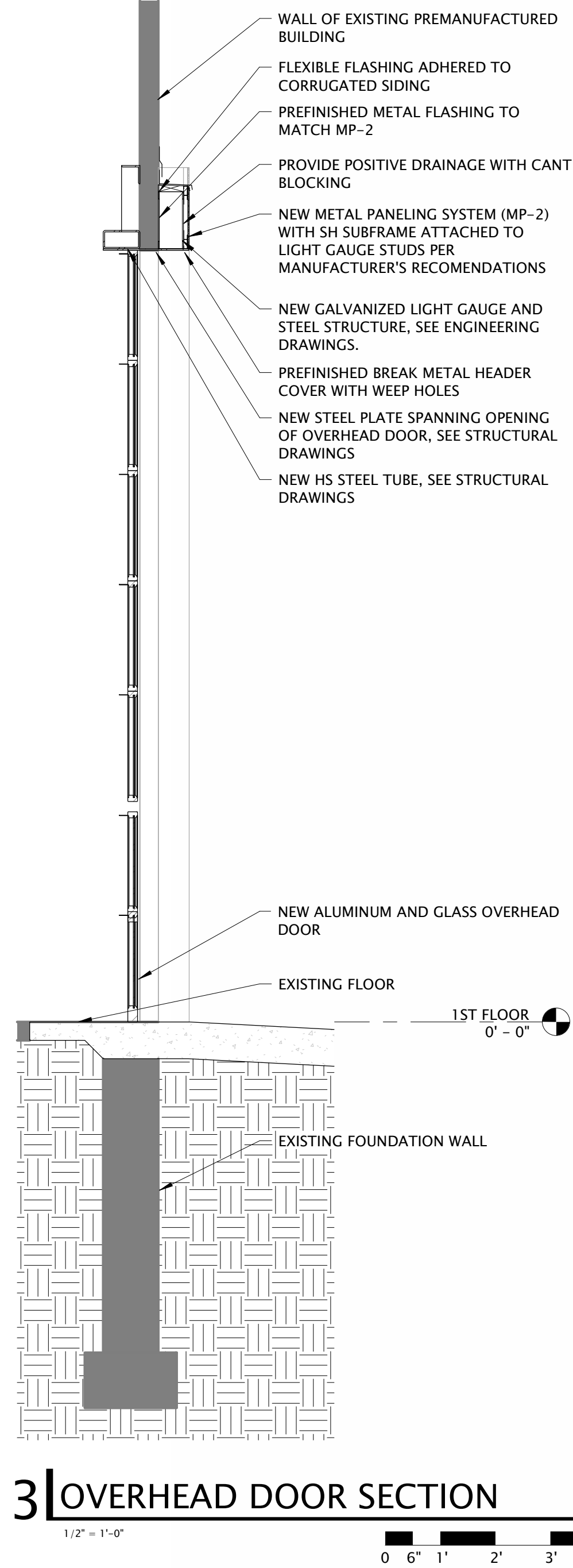
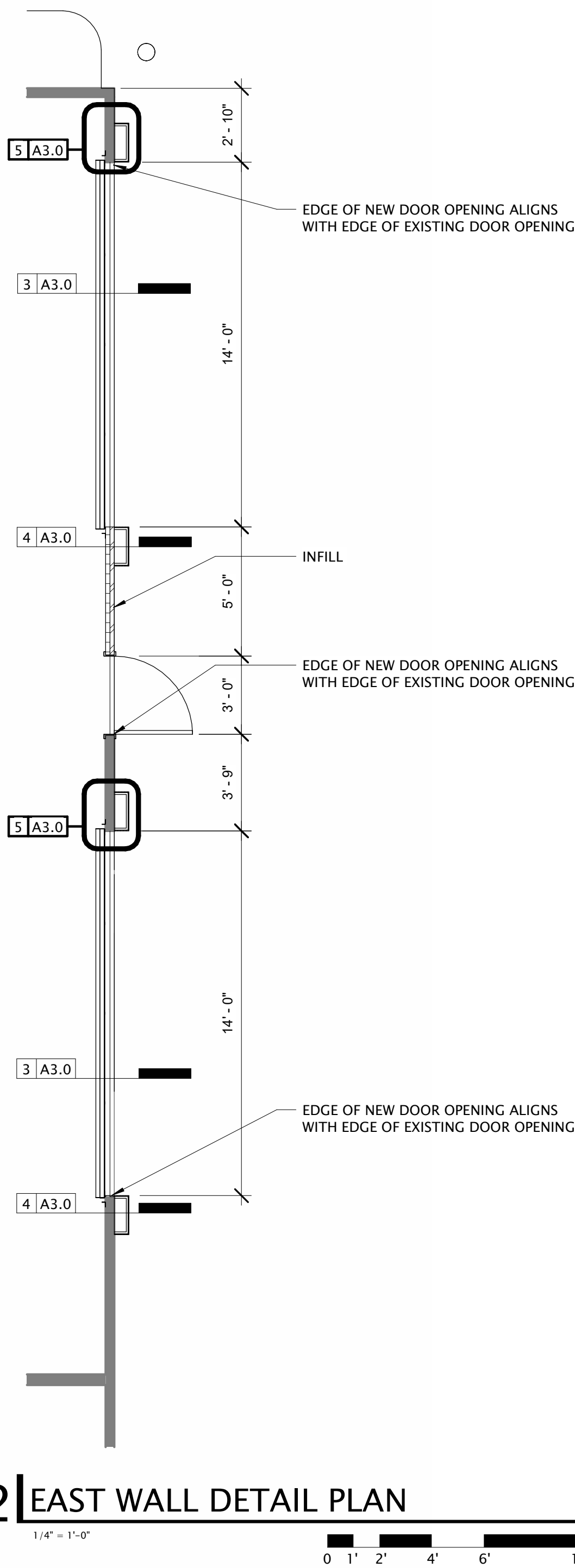
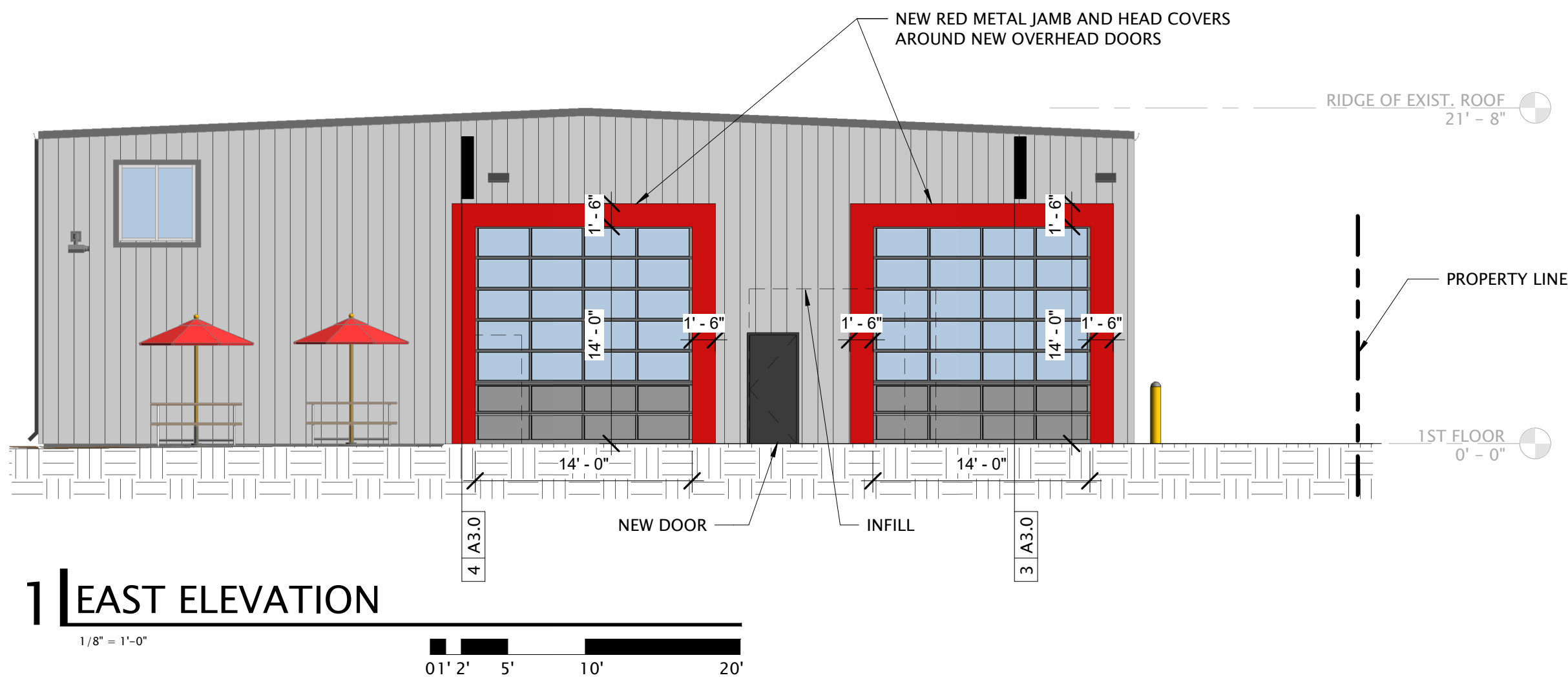
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**ZIZZO AUTO BODY
PARKING EXPANSION**
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DOOR PORTAL DETAILS

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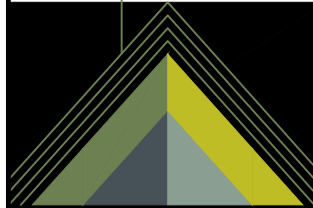
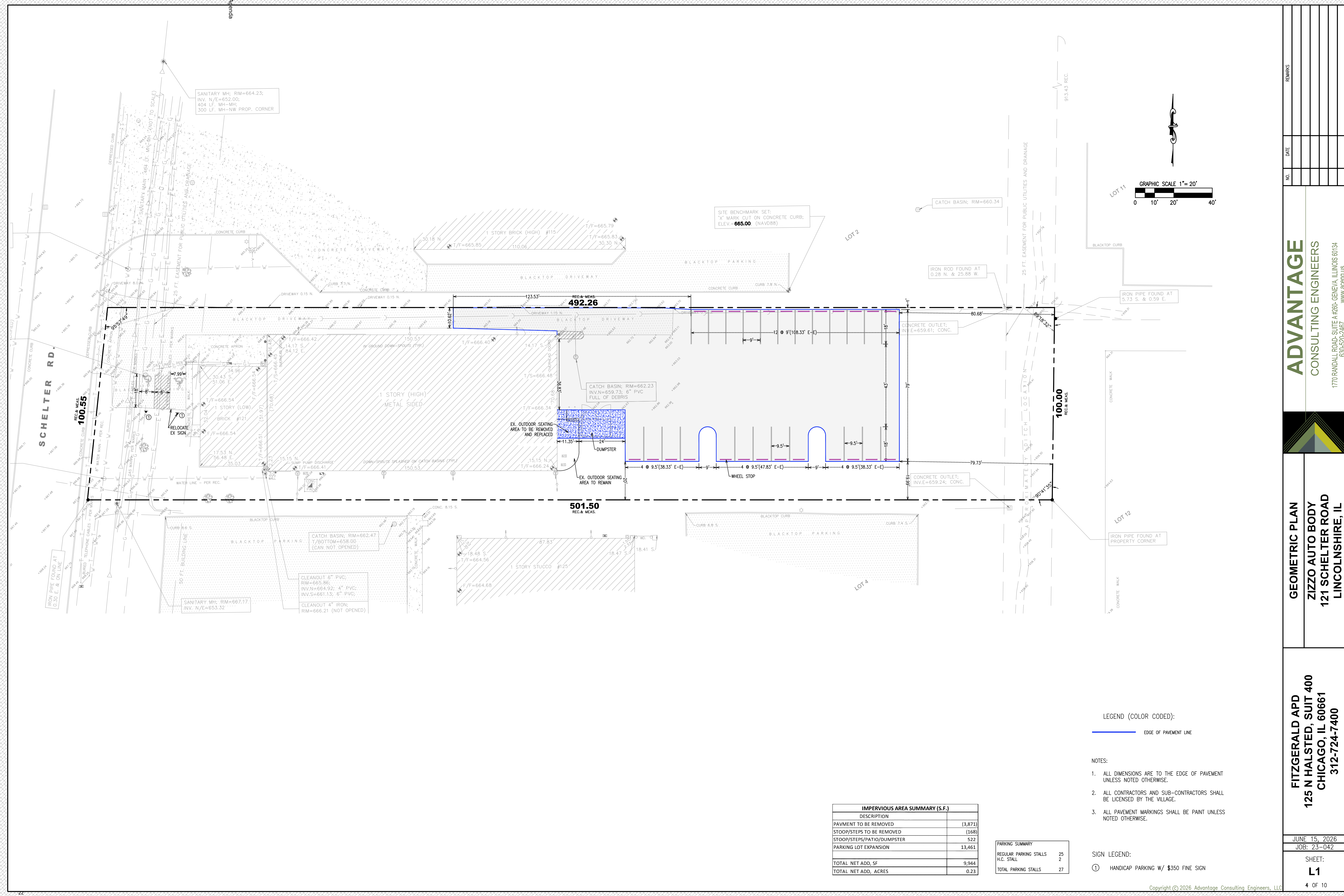
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FINAL SITE IMPROVEMENT PLANS

FOR

ZIZZO AUTO BODY





LEGEND (COLOR CODED):

EDGE OF PAVEMENT LINE

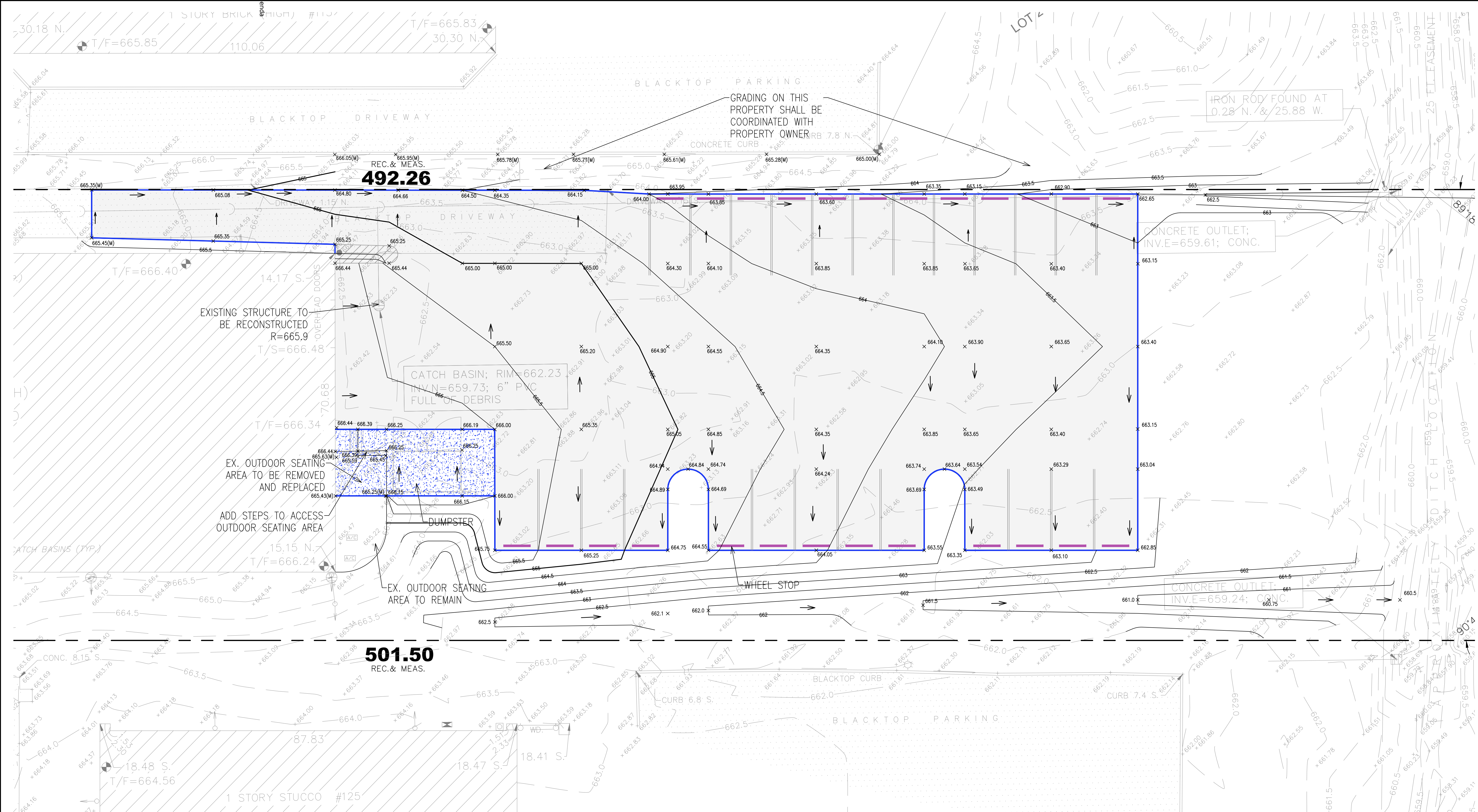
- NOTES:
- ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.
 - ALL CONTRACTORS AND SUB-CONTRACTORS SHALL BE LICENSED BY THE VILLAGE.
 - ALL PAVEMENT MARKINGS SHALL BE PAINT UNLESS NOTED OTHERWISE.

SIGN LEGEND:

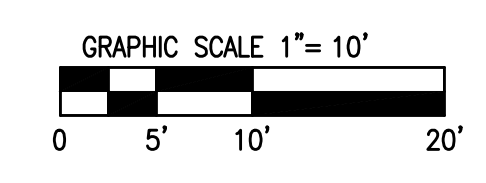
① HANDICAP PARKING W/ \$350 FINE SIGN

IMPERVIOUS AREA SUMMARY (S.F.)	
DESCRIPTION	
PAVMENT TO BE REMOVED	(3,871)
STOOP/STEPS TO BE REMOVED	(168)
STOOP/STEPS/PATIO/DUMPSTER	522
PARKING LOT EXPANSION	13,461
TOTAL NET ADD, SF	9,944
TOTAL NET ADD, ACRES	0.23

PARKING SUMMARY	
REGULAR PARKING STALLS	25
H.C. STALL	2
TOTAL PARKING STALLS	27



- GRADING NOTES**
1. ALL ELEVATIONS SHOWN ON PLANS ARE FINISHED GRADE ELEVATIONS.
 2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO START OF CONSTRUCTION.
 3. CONTRACTOR SHALL MAINTAIN POSITIVE SITE DRAINAGE DURING CONSTRUCTION.
 4. ALL PROPOSED GRADES SHALL MATCH EXISTING GRADES AT THE CONSTRUCTION LIMIT.
 5. SEE SPECIFICATIONS FOR SUBGRADE AND STRUCTURAL FILL COMPACTION REQUIREMENTS.
 6. THE SLOPE ON ALL HANDICAPPED STALLS SHALL NOT EXCEED 1.5%.
 7. ALL WORK SHALL CONFORM TO THE 2018 EDITION OF THE STATE OF ILLINOIS ACCESSIBILITY CODE AND/OR THE 2010 EDITION OF THE AMERICANS WITH DISABILITY ACT (ADA) WHICHEVER IS MORE RESTRICTIVE.
 8. EXISTING STORM SEWER SHALL BE CLEANED TO BE IN WORKING CONDITION.



REMARKS	
NO.	DATE

ADVANTAGE
CONSULTING ENGINEERS
1770 RANDALL ROAD, SUITE A #260 GENEVA, ILLINOIS 60134
630-520-2467
WWW.ADVANTAGE-ILL.COM

GRADING PLAN
ZIZZO AUTO BODY
121 SCHELTER ROAD
LINCOLNSHIRE, IL

FITZGERALD APD
125 N HALSTED, SUIT 400
CHICAGO, IL 60661
312-724-7400

JUNE 15, 2026
JOB: 23-042
SHEET:
G1
5 OF 10

CONTROL MEASURE GROUP	CONTROL MEASURE	APPL	KEY	CONTROL MEASURE CHARACTERISTICS	TEMP.	PERMAN	MAINTENANCE FREQUENCY
VEGETATIVE SOIL COVER	TEMPORARY SEEDING		TS	PROVIDES QUICK TEMPORARY COVER TO CONTROL EROSION WHEN PERMANENT SEEDING IS NOT DESIRED OR TIME OF YEAR IS INAPPROPRIATE.	X		REDO ANY FAILING AREAS.
	PERMANENT SEEDING	X	PS	PROVIDES PERMANENT VEGETATIVE COVER TO CONTROL EROSION, FILTERS SEDIMENT FROM WATER. MAY BE PART OF FINAL LANDSCAPE PLAN.		X	REDO ANY FAILING AREAS.
	DORMANT SEEDING		DS	SAME AS PERMANENT SEEDING EXCEPT IS DONE DURING DORMANT SEASON. HIGHER RATES OF SEED APPLICATION ARE REQUIRED.	X	X	RE-SEED IF NEEDED.
	SODDING		SO	QUICK PERMANENT COVER TO CONTROL EROSION. QUICK WAY TO ESTABLISH VEGETATION FILTER STRIP. CAN BE USED ON STEEP SLOPES OR IN DRAINAGE WAYS WHERE SEEDING MAY BE DIFFICULT.		X	N/A
NON VEGETATIVE SOIL COVER	MACHINE TRACKING		CO	PROVIDES SOIL ROUGHING FOR EROSION CONTROL.	X		N/A
	POLYMER		P	ADDED INSURANCE OF A SUCCESSFUL TEMPORARY OR PERMANENT SEEDING. PROVIDES TEMPORARY COVER WHERE VEGETATION CANNOT BE ESTABLISHED.	X		REAPPLY EVERY 1 1/2 MONTHS.
	AGGREGATE COVER		AG	PROVIDES SOIL COVER ON ROADS AND PARKING LOTS AND AREAS WHERE VEGETATION CANNOT BE ESTABLISHED. PREVENTS MUD FROM BEING PICKED UP AND TRANSPORTED OFF-SITE.	X	X	CLEAN UP DIRT FROM STONE AS NEEDED.
	PAVING	X	PV	PROVIDES PERMANENT COVER ON PARKING LOTS AND ROADS OR OTHER AREAS WHERE VEGETATION CANNOT BE ESTABLISHED.		X	N/A
DIVERSIONS	RIDGE DIVERSION		RD	TYPICALLY USED ABOVE SLOPES TO COLLECT FLOW AND TRANSFER DOWNSLOPE.	X	X	CLEAN SILT OUT WHEN HALF-FULL.
	CHANNEL DIVERSION		CD	TYPICALLY USED TO DIVERT FLOW.	X	X	REPLACE PROTECTION WHEN NEEDED.
	COMBINATION DIVERSION		DC	TYPICALLY USED ANYWHERE ON A SLOPE. SOIL TAKEN OUT OF CHANNEL IS USED TO BUILD THE RIDGE.	X	X	REPLACE PROTECTION WHEN NEEDED.
	CURB AND GUTTER		CG	SPECIAL CASE OF DIVERSION USED IN CONJUNCTION WITH A STREET TO DIVERT WATER FROM AN AREA NEEDING PROTECTION.		X	N/A
WATERWAYS	BENCHES		B	SPECIAL CASE OF DIVERSION CONSTRUCTION WHEN WORKING ON CUT SLOPES TO SHORTEN LENGTH OF SLOPE AND ADD SLOPE STABILITY.	X	X	N/A
	VEGETATIVE CHANNEL		VC	PROVIDED ADDED STABILITY TO CHANNEL. USED WHEN VELOCITY OF FLOW IS NOT EXTREMELY FAST.	X	X	REDO ANY FAILING AREAS.
	LINED CHANNEL		LC	USED WHEN VEGETATION WILL NOT PROTECT THE CHANNEL AGAINST HIGH VELOCITIES OF FLOW OR WHERE VEGETATION CANNOT BE ESTABLISHED.		X	REPLACE PROTECTION WHEN NEEDED.
	STORM SEWER	X	STM	CAN BE USED TO CONVEY SEDIMENT LADEN WATER TO SEDIMENT BASIN OR IN CONJUNCTION WITH A WATERWAY.		X	CLEAN SEDIMENT OUT.
ENCLOSED DRAINAGE	UNDER DRAIN		UD	USED TO LOWER WATER TABLE AND INTERCEPT GROUNDWATER FOR BETTER VEGETATION GROWTH AND SLOPE STABILITY. USED TO CARRY BASE FLOW IN WATERWAYS AND TO DRAINER SEDIMENT BASINS.		X	N/A
	STRAIGHT PIPE SPILLWAY		SFS	USED FOR RELATIVELY SMALL VERTICAL DROPS AND SMALL FLOWS OF WATER.		X	CLEAN OUT CONSTRUCTION DEBRIS.
SPILLWAYS	DROP INLET PIPE SPILLWAY		DBS	SAME AS PIPE SPILLWAY EXCEPT LARGER FLOWS AND LARGE VERTICAL DROPS CAN BE ACCOMMODATED.		X	CLEAN OUT CONSTRUCTION DEBRIS.
	WEIR SPILLWAY		W	USED FOR RELATIVELY SMALL VERTICAL DROPS AND FLOWS MUCH GREATER THAN PIPE STRUCTURES.		X	CLEAN OUT CONSTRUCTION DEBRIS.
	BOX INLET WEIR SPILLWAY		BS	SAME AS WEIR SPILLWAY EXCEPT LARGER FLOWS CAN BE ACCOMMODATED BECAUSE OF LOWER WEIR LENGTH.		X	CLEAN OUT CONSTRUCTION DEBRIS.
	LINED APRON		LA	PROTECTS DOWNSTREAM CHANNEL FROM HIGH VELOCITY OF FLOW DISCHARGING FROM STRUCTURES.		X	REPAIR DISLOOGED STONES OR EROSION UNDER RIP-RAP AS NEEDED.
SEDIMENT BASINS	SEDIMENT BASIN		SB	USED TO COLLECT SMALLER PARTICLES - DETAIN WATER WITH CONTROLLED RELEASE.	X	X	CLEAN SEDIMENT OUT WHEN HALF-FULL.
	SEDIMENT TRAP		ST	USED TO COLLECT LARGER PARTICLES - DETAIN WATER WITH CONTROLLED RELEASE.	X		CLEAN SEDIMENT OUT WHEN HALF-FULL.
SEDIMENT FILTERS	SILT FENCE	X	SF	USED FOR SINGLE LOTS OR DRAINAGE AREAS LESS THAN 1/2 ACRE TO FILTER SEDIMENT FROM RUNOFF.	X		CLEAN SEDIMENT OUT WHEN SILT IS HALF-FULL. REPAIR ANY DAMAGED SILT FENCE WHEN NEEDED.
	VEGETATIVE FILTER		VF	USED ALONG DRAINAGE WAYS OR PROPERTY LINES TO FILTER SEDIMENT FROM RUNOFF. SIZE MUST BE INCREASED IN PROPORTION TO DRAINAGE AREA.	X		REDO ANY FAILING AREAS.
MUD AND DUST CONTROL	STABILIZED CONST. ENTRANCE	X	SE	PREVENT MUD FROM BEING PICKED UP AND CARRIED OFF-SITE.	X		SCRAPE MUD AND REPLACE STONE AS NEEDED.
	DUST CONTROL	X	DT	PREVENTS DUST FROM LEAVING CONSTRUCTION SITE.	X		RE-APPLY AS NEEDED.
EROSION CONTROL	EROSION CONTROL BLANKET		EB	PROTECTS SOIL, SEED AND HELPS GROW VEGETATION.	X	X	REPLACE AS NEEDED
	TURF REINFORCEMENT MAT		TM	REINFORCES TURF IN CHANNELS AND SHORELINES.	X	X	REPLACE AS NEEDED
	CELLULAR CONFINEMENT		CF	USED TO HOLED TOPSOIL ON STEEP SLOPES.	X	X	REPLACE AS NEEDED
	GABIONS		GA	USED TO PREVENT EROSION IN VERY HIGH FLOW AREAS.		X	REPLACE AS NEEDED
SEDIMENT CONTROL	GEOTEXTILE FABRIC		GF	USED FOR EROSION / SEDIMENT CONTROL/ SEPARATION / STABILIZATION.	X	X	REPLACE AS NEEDED
	GEOBLOCK POROUS PAVEMENT		GP	USED FOR FIRE LANE ACCESS / VEGETATIVE PAVEMENT.		X	REPLACE AS NEEDED
	INLET PROTECTION	X	IP	USED FOR PROTECTION OF INLETS.		X	REPLACE OR CLEAN WHEN CLOGGED.
	SLOPE INTERRUPT		SI	USED TO BREAK UP THE FLOW ON A SLOPE.	X	X	CLEAN OUT WHEN HALF-FULL OF SILT.
SEDIMENT CONTROL	DITCH CHECK		DC	USED FOR FLOW SEDIMENT CONTROL IN SWALES AND CHANNELS.	X		CLEAN OUT WHEN HALF-FULL OF SILT.
	FLOC LOG		FL	USED TO CLARIFY WATER THAT HAS SEDIMENT IN THE WATERY COLUMN.	X		REPLACE WHEN HALF DISSOLVED.
	SILT CURTAIN		SC	USED FOR SEDIMENT CONTROL IN STREAM / POND.	X		REPLACE WHEN FABRIC IS TORN OR HOLES BEGON TO FORM.
	PUMPING DISCHARGE BAG		PB	USED FOR PUMP DISCHARGE LINES.	X		REPLACE WHEN HALF-FULL. FABRIC IS TORN, OR HOLES BEGON TO FORM.
SEDIMENT CONTROL	CONCRETE WASHOUT	X	CW	FOR CONCRETE TRUCKS TO WASHOUT.		X	CLEAN OUT WHEN HALF-FULL. CLEAN WASHOUT GRAVEL AREA AS NEEDED.
	STREET SWEEPING		SS	USED TO PREVENT SILT BUILD UP IN STREETS.	X		CLEAN ONCE A WEEK, OR AS NEEDED TO KEEP STREET CLEAN.

RIP-RAP DIMENSION TABLE

STRUCTURE NUMBER/POND	INLET PIPE SIZE d (in)	DISCHARGE Q (CFS)	LENGTH OF APRON Ld (FT)	MEDIAN RIPRAP SIZE C (in)	WIDTH OF APRON U/S FACE W1 (FT)	WIDTH OF APRON D/S FACE W2 (FT)	DEPTH OF RIP RAP d (in)	AREA OF RIP RAP (SQ.YDS.)	VOLUME OF RIP RAP (CU.YDS.)
ALL	12		10	6	3.00	13.00	15	8.89	3.7
ALL	15		10	6	3.75	13.75	15	9.72	4.1
ALL	18		15	9	4.50	19.50	20	20.00	11.1
ALL	21		15	9	5.25	20.25	20	21.25	11.8
ALL	24		18	9	6.00	24.00	20	30.00	16.7
ALL	27		18	9	6.75	24.75	20	31.50	17.5
ALL	30		20	9	7.50	27.50	20	38.89	21.6
ALL	36		24	12	9.00	33.00	28	56.00	43.6
ALL	42		27	12	10.5	37.50	30	72.00	60.0
ALL	48		27	15	12.0	39.00	32	76.50	68.0
ALL	54		27	15	13.5	40.50	32	81.00	72.0
ALL	60		36	15	15.0	51.00	32	132.00	118.0
ALL	72		44	18	18.0	62.00	32	195.56	174.0

OBSERVATION & MAINTENANCE SCHEDULE		
ACTIVITY	RESPONSIBLE PARTY	DURATION
STABILIZATION DURING CONSTRUCTION- MAINTENANCE	CONTRACTOR	DURING CONSTRUCTION
STABILIZATION DURING CONSTRUCTION- OBSERVATION	DEVELOPER/OWNER	WEEKLY & AFTER EACH RAINFALL EVENT IN EXCESS OF 0.5".
VEGETATION MAINTENANCE	CONTRACTOR	1 YEAR FROM COMPLETION
VEGETATION STABILIZATION MAINTENANCE	DEVELOPER/OWNER	ONGOING FROM CONSTRUCTION COMPLETION

DESCRIPTION	MON-1	MON-2	MON-3	MON-4	MON-5	MON-6	MON-7	MON-8	MON-9
EROSION CONTROL									
SITE CLEARING									
MASS GRADING									
UTILITIES									
PAVING									
SITE STABILIZATION									

CONSTRUCTION SCHEDULE-2026-27

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORMWATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES AND SOIL EROSION AND SEDIMENT CONTROL ORDINANCE FOR THE COUNTY.

1. SITE DESCRIPTION.

1. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY FOLLOWING MASS GRADING WHICH IS THE SUBJECT OF THIS PLAN:
- THE PROPOSED DEVELOPMENT CONSISTS OF CONSTRUCTION OF PAVING IMPROVEMENT DEVELOPMENT THE CONSTRUCTION ACTIVITIES FOR SITE IMPROVEMENTS INCLUDE:
- A. MASS GRADING
B. PAVEMENT CONSTRUCTION
C. INSTALLATION OF UTILITIES INCLUDING STORM SEWERS
D. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES, AS A MINIMUM.
2. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE SITE, SUCH AS GRUBBING, EXCAVATION, AND GRADING:
- THE SEQUENCE OF THE CONSTRUCTION ACTIVITIES MAY BE AS FOLLOWS:
- A. INSTALL SILT FILTER FENCE AND STABILIZED CONSTRUCTION ENTRANCE
B. MASS GRADING
C. UNDERGROUND UTILITIES INSTALLATION
D. FINE GRADING IN PAVEMENT AREA
E. PAVEMENT CONSTRUCTION
- THE SOIL EROSION AND SEDIMENTATION CONTROL ITEMS WILL BE INSTALLED FIRST AND AS NEEDED DURING THE ABOVE CONSTRUCTION ACTIVITIES.
3. THE TOTAL ESTIMATED AREA OF THE SITE IS 1.14 ACRES.
THE TOTAL ESTIMATED AREA OF THE SITE TO BE DISTURBED BY EXCAVATION, GRADING, OR OTHER ACTIVITIES IS 0.45 ACRES.
4. THE ESTIMATED RUNOFF COEFFICIENTS OF THE SITE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED AND CONTAINED IN THE PROJECT DRAINAGE STUDY, TITLED STORM WATER MANAGEMENT FOR N/A PREPARED BY ADVANTAGE CONSULTING ENGINEERS WHICH IS HEREBY INCORPORATED BY REFERENCE IN THIS PLAN.
- THE ESTIMATED PROPOSED OVERALL SITE RUNOFF COEFFICIENT IS 0.8
EXISTING DATA DESCRIBING SOILS IS INCLUDED IN SOILS REPORT, OR NOT AVAILABLE
- NAME OF RECEIVING WATER(S) EXISTING DITCH/STORM SEWER
NAME OF ULTIMATE RECEIVING WATER(S) DESPLAINES RIVER
WETLAND ACREAGE N/A

5. POTENTIAL SOURCES OF POLLUTION ASSOCIATED WITH CONSTRUCTION ACTIVITY MAY INCLUDE:

- A. SEDIMENT FROM DISTURBED SOILS
B. PORTABLE SANITARY STATIONS
C. FUEL TANKS
D. STAGING AREAS
E. WASTE CONTAINERS
F. CHEMICAL STORAGE AREAS
G. OIL OR OTHER PETROLEUM PRODUCTS
H. ADHESIVES
I. TAR
J. SOLVENTS
K. DETERGENTS
L. FERTILIZERS
M. RAW MATERIALS (E.G., BAGGED PORTLAND CEMENT)
N. CONSTRUCTION DEBRIS
O. LANDSCAPE WASTE
P. CONCRETE AND CONCRETE TRUCKS
Q. LITTER

2. CONTROLS.

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN 1 ABOVE. FOR EACH MEASURE DISCUSSED, THE CONTRACTORS WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH ARE INCLUDED AS A PART OF THIS PLAN.

1. EROSION AND SEDIMENT CONTROLS.

STABILIZATION PRACTICES. PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE-SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. EXCEPT AS PROVIDED IN 2, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE. IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECEDDED BY SNOW COVER, STABILIZATION MEASURES SHALL BY INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING INTERIM AND PERMANENT STABILIZATION PRACTICES, AS A MINIMUM, WILL BE IMPLEMENTED TO STABILIZE THE DISTURBED AREA OF THE SITE:

- A. PERMANENT SEEDING
B. SILT FILTER FENCE
C. STABILIZED CONSTRUCTION ENTRANCE

2. STRUCTURAL PRACTICES. PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

A. STORM SEWER SYSTEM

B. INLET PROTECTION

3. DUST CONTROL: DUST CONTROL SHALL BE PROVIDED PER STANDARD 825 OF ILLINOIS URBAN MANUAL. THE FOLLOWING METHODS FOR THE DUST CONTROL CAN BE USED.

- A. IRRIGATION
B. SPRAY ON ADHESIVE
C. VEGETATIVE COVER
D. MULCHING

4. STORM WATER MANAGEMENT.

PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE CONTAINED IN IEPA'S STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND OTHER ORDINANCES LISTED IN THE SPECIFICATIONS.

THE STORM WATER POLLUTANT CONTROL MEASURES SHALL INCLUDE:

- A. BARRIER FILTERS
B. STORM SEWERS
C. PERMANENT SEEDING
D. OUTLET PROTECTION

5. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G., MAINTENANCE OF HYDROLOGIC CONDITIONS, SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

STORM WATER MANAGEMENT CONTROL INCLUDES:

3. APPROVED STATE OR LOCAL PLANS.

THE MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS CONTAINED IN THIS PLAN ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION PLAN, AND THE MUNICIPAL SUBDIVISION ORDINANCE. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION CONTROL SITE PLANS OR SITE PERMITS OR STORMWATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI TO BE AUTHORIZED TO DISCHARGE UNDER THIS PERMIT, INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

7. WASTE MANAGEMENT

SOLID WASTE MATERIALS INCLUDING TRASH, CONSTRUCTION DEBRIS, EXCESS CONSTRUCTION MATERIALS, MACHINERY, TOOLS AND OTHER ITEMS WILL BE COLLECTED AND DISPOSED OF OFF SITE BY THE CONTRACTORS. THE CONTRACTORS ARE RESPONSIBLE TO ACQUIRE THE PERMIT REQUIRED FOR SUCH DISPOSAL. BURNING ON SITE WILL NOT BE PERMITTED. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. ALL WASTE MATERIALS SHOULD BE COLLECTED AND STORED IN APPROVED RECEPTACLES. NO WASTES SHOULD BE PLACED IN ANY LOCATION OTHER THAN IN THE APPROVED CONTAINERS APPROPRIATE FOR THE WASTE. RECEPTACLES WITH DEFICIENCIES SHOULD BE REPLACED AS SOON AS POSSIBLE AND THE APPROPRIATE CLEAN-UP PROCEDURE SHOULD TAKE PLACE, IF NECESSARY. CONSTRUCTION WASTE MATERIAL IS NOT TO BE BURIED ON SITE. WASTE DISPOSAL SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

ON-SITE HAZARDOUS MATERIAL STORAGE SHOULD BE MINIMIZED AND STORED IN LABELED, SEPARATE RECEPTACLES FROM NON-HAZARDOUS WASTE. ALL HAZARDOUS WASTE SHOULD BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS OR BY THE MANUFACTURER.

8. CONCRETE WASTE MANAGEMENT

CONCRETE WASTE OR WASHOUT IS NOT ALLOWED IN THE STREET OR ALLOWED TO REACH A STORM WATER DRAINAGE SYSTEM OR WATERCOURSE. WHEN PRACTICABLE, A SIGN SHOULD BE POSTED AT EACH LOCATION TO IDENTIFY THE WASHOUT. TO THE EXTENT PRACTICABLE, CONCRETE WASHOUT MATERIALS SHOULD BE LOCATED AT A REASONABLE DISTANCE FROM A STORM WATER DRAINAGE INLET OR WATERCOURSE, AND SHOULD BE LOCATED AT LEAST 10 FEET BEHIND THE CURB, IF THE WASHOUT AREA IS ADJACENT TO A PAVED ROAD. A STABILIZED ENTRANCE THAT MEETS ILLINOIS URBAN MANUAL STANDARDS SHOULD BE INSTALLED AT EACH WASHOUT AREA.

THE CONTAINMENT FACILITIES SHOULD BE OF SUFFICIENT VOLUME TO COMPLETELY CONTAIN ALL LIQUID AND CONCRETE WASTE MATERIALS INCLUDING ENOUGH CAPACITY FOR ANTICIPATED LEVELS OF RAINWATER. THE DRED CONCRETE WASTE MATERIAL SHOULD BE PICKED UP AND DISPOSED OF PROPERLY WHEN 60% CAPACITY IS REACHED. HARDENED CONCRETE CAN BE PROPERLY RECYCLED AND USED AGAIN ON SITE (AS APPROVED BY THE ENGINEER) OR HAULED OFF SITE TO AN APPROPRIATE LANDFILL.

9. CONCRETE CUTTING

CONCRETE WASTE MANAGEMENT SHOULD BE IMPLEMENTED TO CONTAIN AND DISPOSE OF SAW-CUTTING SLURRIES. CONCRETE CUTTING SHOULD NOT TAKE PLACE IMMEDIATELY AFTER A RAINFALL EVENT. WASTE GENERATED FROM CONCRETE CUTTING SHOULD BE CLEANED-UP AND DEPOSITED INTO THE CONCRETE WASHOUT FACILITY AS DESCRIBED ABOVE.

10. VEHICLE STORAGE AND MAINTENANCE

WHEN NOT IN USE, CONSTRUCTION VEHICLES SHOULD BE STORED IN A DESIGNATED AREA(S) OUTSIDE OF THE REGULATORY FLOODPLAIN, AWAY FROM ANY NATURAL OR CREATED WATERCOURSE, POND, DRAINAGE-WAY OR STORM DRAIN. CONTROLS SHOULD BE INSTALLED TO MINIMIZE THE POTENTIAL OF RUNOFF FROM THE STORAGE AREA(S) FROM REACHING STORM DRAINS OR WATER COURSES. VEHICLE MAINTENANCE (INCLUDING BOTH ROUTINE MAINTENANCE AS WELL AS ON-SITE REPAIRS) SHOULD BE MADE WITHIN A DESIGNATED AREA(S) TO PREVENT THE MIGRATION OF MECHANICAL FLUIDS (OIL, ANTIFREEZE, ETC.) INTO WATERCOURSES, WETLANDS OR STORM DRAINS. DRIP PANS OR ADSORBENT PADS SHOULD BE USED FOR VEHICLE AND EQUIPMENT MAINTENANCE ACTIVITIES THAT INVOLVE GREASE, OIL, SOLVENTS, OR OTHER VEHICLE FLUIDS. CONSTRUCTION VEHICLES SHOULD BE INSPECTED FREQUENTLY TO IDENTIFY ANY LEAKS; LEAKS SHOULD BE REPAIRED IMMEDIATELY OR THE VEHICLE SHOULD BE REMOVED FROM SITE. DISPOSE OF ALL USED OIL, ANTIFREEZE, SOLVENTS AND OTHER VEHICLE-RELATED CHEMICALS IN ACCORDANCE WITH UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) AND EPA REGULATIONS AND PER MATERIAL SAFETY DATA SHEET (MSDS) AND/OR MANUFACTURER INSTRUCTIONS. CONTRACTORS SHOULD IMMEDIATELY REPORT SPILLS TO THE PRIMARY CONTACT.

11. MATERIAL STORAGE AND GOOD HOUSEKEEPING

MATERIALS AND/OR CONTAINMENTS SHOULD BE STORED IN A MANNER THAT MINIMIZES THE POTENTIAL TO DISCHARGE INTO STORM DRAINS OR WATERCOURSES. AN ON-SITE AREA SHOULD BE DESIGNATED FOR MATERIAL DELIVERY AND STORAGE. ALL MATERIALS KEPT ON SITE SHOULD BE STORED IN THEIR ORIGINAL CONTAINERS WITH LEGIBLE LABELS, AND IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE. LABELS SHOULD BE REPLACED IF DAMAGED OR DIFFICULT TO READ. BERMED-OFF STORAGE AREAS ARE AN ACCEPTABLE CONTROL MEASURE TO PREVENT CONTAMINATION OF STORM WATER. MATERIAL SAFETY DATA SHEETS (MSDS) SHOULD BE AVAILABLE FOR REFERENCING CLEAN-UP PROCEDURES. ANY RELEASE OF CHEMICALS/CONTAMINANTS SHOULD BE IMMEDIATELY CLEANED UP AND DISPOSED OF PROPERLY. CONTRACTORS SHOULD IMMEDIATELY REPORT ALL SPILLS TO THE PRIMARY CONTACT, WHO SHOULD NOTIFY THE APPROPRIATE AGENCIES, IF NEEDED.

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED ON SITE DURING THE CONSTRUCTION PROJECT: AN EFFORT SHOULD BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.

ALL MATERIALS STORED ON SITE SHOULD BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND ADEQUATELY PROTECTED FROM THE ENVIRONMENT. PRODUCTS SHOULD BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL. SUBSTANCES SHOULD NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER. OPERATIONS SHOULD BE OBSERVED AS NECESSARY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON SITE. WHENEVER POSSIBLE, ALL OF A PRODUCT SHOULD BE USED BEFORE DISPOSING OF THE CONTAINER.

MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED.

12. MANAGEMENT OF PORTABLE SANITARY STATIONS

TO THE EXTENT PRACTICABLE, PORTABLE SANITARY STATIONS SHOULD BE LOCATED IN AN AREA THAT DOES NOT DRAIN TO ANY PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR STORM WATER STRUCTURES AND SHALL BE ANCHORED TO THE GROUND TO PREVENT FROM TIPPING OVER. PORTABLE SANITARY STATIONS LOCATED ON IMPERVIOUS SURFACES SHOULD BE PLACED ON TOP OF A SECONDARY CONTAINMENT DEVICE OR BE SURROUNDED BY A CONTROL DEVICE (E.G., GRAVEL-BAG BERM). THE CONTRACTOR SHOULD PREVENT/AVOID UNSANITARY CONDITIONS. SANITARY WASTE SHOULD BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE STATE AND/OR LOCAL REGULATIONS.

13. SPILL PREVENTION AND CLEAN-UP PROCEDURES

MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN-UP SHOULD BE AVAILABLE AND SITE PERSONNEL SHOULD BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEAN-UP SUPPLIES. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEAN-UP SHOULD BE KEPT IN THE MATERIAL STORAGE AREA ON SITE. EQUIPMENT AND MATERIALS SHOULD INCLUDE, BUT ARE NOT LIMITED TO, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST AND PLASTIC AND/OR METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.

14. DE-WATERING OPERATIONS

DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE PLACED IN A STABILIZED SHUMP PIT OR FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. STABILIZED CONVEYANCE CHANNELS SHOULD BE INSTALLED TO DIRECT WATER TO THE DESIRED LOCATION AS APPLICABLE. ADDITIONAL CONTROL MEASURES MAY BE INSTALLED AT THE OUTLET AREA AT THE DISCRETION OF THE PRIMARY CONTACT OR ENGINEER.

15. OFF-SITE VEHICLE TRACKING

THE SITE SHOULD HAVE ONE OR MORE STABILIZED CONSTRUCTION ENTRANCES IN CONFORMANCE WITH THE PLAN DETAILS. STABILIZED CONSTRUCTION ENTRANCE(S) SHOULD BE INSTALLED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. STREETS SHOULD BE SWEEPED TO MINIMIZE TO REDUCE EXCESS SEDIMENT, DIRT, OR STONE TRACKED FROM THE SITE. MAINTENANCE MAY INCLUDE: TOP DRESSING THE STABILIZED ENTRANCE WITH ADDITIONAL STONE, AND REMOVING TOP LAYERS OF STONE AND SEDIMENT, AS NEEDED. VEHICLES HAULING ERODIBLE MATERIAL TO AND FROM THE CONSTRUCTION SITE SHOULD BE COVERED WITH A TARP.

16. TOPSOIL STOCKPILE MANAGEMENT

IF TOPSOIL IS TO BE STOCKPILED AT THE SITE, SELECT A LOCATION SO THAT IT WILL NOT ERODE, BLOCK DRAINAGE, OR INTERFERE WITH WORK ON SITE. TOPSOIL STOCKPILES SHALL NOT BE LOCATED IN THE 100-YEAR FLOODPLAIN OR DESIGNATED BUFFER PROTECTING WATERS OF THE STATE DURING CONSTRUCTION OF THE PROJECT. SOIL STOCKPILES SHOULD BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. PERIMETER CONTROLS, SUCH AS SILT FENCE, SHOULD BE PLACED AROUND THE STOCKPILE IMMEDIATELY. STABILIZATION OF THE STOCKPILE SHOULD BE COMPLETED IF THE STOCKPILE IS TO REMAIN UNDISTURBED FOR LONGER THAN FOURTEEN (14) DAYS.

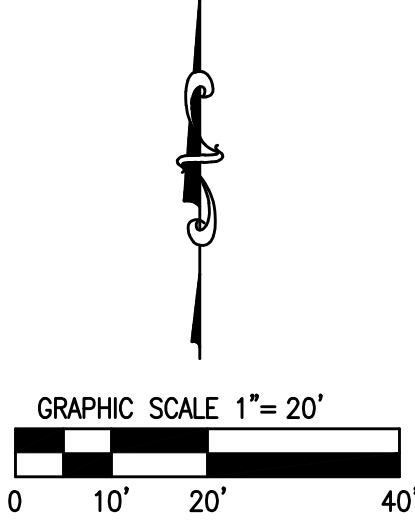
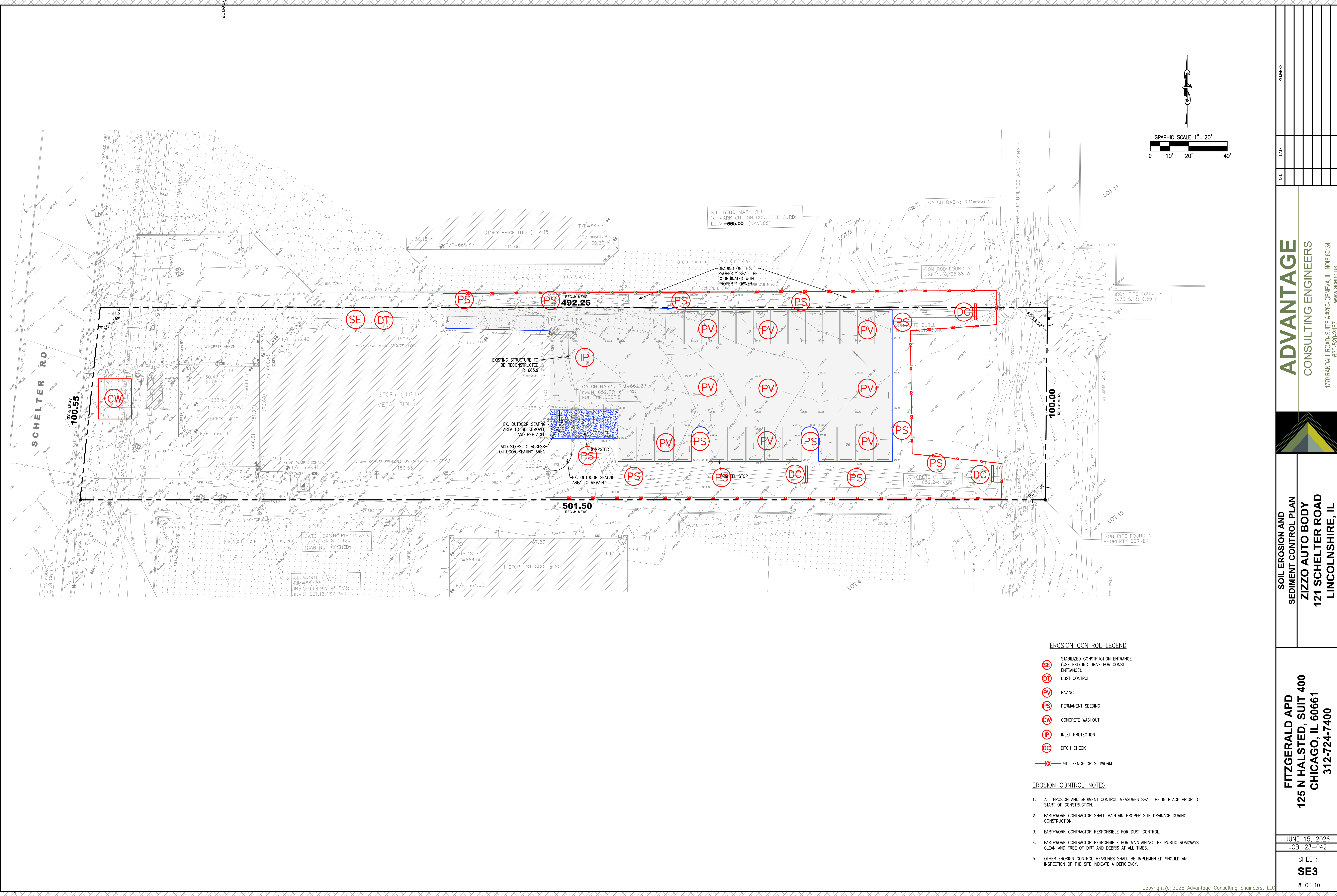
3. MAINTENANCE

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES TO WILL BE USED TO MAINTAIN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN AND STANDARD SPECIFICATIONS.

- A. STABILIZED CONSTRUCTION ENTRANCE: THE ENTRANCE SHALL BE MAINTAINED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC STREETS. THIS WILL BE DONE BY TOP DRESSING WITH ADDITIONAL STONE, REMOVE AND REPLACE TOP LAYER OF STONE OR WASHING THE ENTRANCE. THE SEDIMENT WASHED ON THE PUBLIC RIGHT-OF-WAY WILL BE REMOVED IMMEDIATELY.
- B. VEGETATIVE EROSION CONTROL MEASURES: THE VEGETATIVE GROWTH OF TEMPORARY AND PERMANENT SEEDING, SODDED VEGETATIVE CHANNELS, VEGETATIVE FILTER, ETC. SHALL BE MAINTAINED AND SUPPLY ADEQUATE WATERING AND FERTILIZER. THE VEGETATIVE COVER SHALL BE REMOVED AND RESEEDED AS NECESSARY.
- C. SEDIMENTATION BASINS/TRAPS: SEDIMENTS SHALL BE REMOVED WHEN 40-50 PERCENT OF THE TOTAL ORIGINAL CAPACITY IS OCCUPIED BY SEDIMENT. IN NO CASE SHALL SEDIMENT BE ALLOWED TO BUILD UP TO MORE THAN 1 FOOT BELOW THE CREST ELEVATION. AT THIS STAGE, THE BASIN SHALL BE CLEANED OUT TO RESTORE ITS ORIGINAL VOLUME.
- D. SILT FILTER FENCE: ANY DAMAGED SILT FILTER FENCE SHALL BE RESTORED TO MEET THE STANDARDS OR REMOVED AND REPLACED AS NEEDED
- E. RIP-RAP OUTLET PROTECTION: INSPECTED SHALL OCCUR AFTER HIGH FLOWS FOR ANY SCOUR BENEATH THE RIP-RAP OR FOR STONE THAT HAVE BEEN DISLOOGED. DISTURBED RIP RAP SHALL BE REPAIRED IMMEDIATELY.
- F. DUST CONTROL: WHEN TEMPORARY DUST CONTROL MEASURES ARE USED, REPETITIVE TREATMENT SHOULD BE APPLIED AS NEEDED TO ACCOMPLISH CONTROL.

4. INSPECTIONS

1. THE OWNER, OR OWNER'S REPRESENTATIVE SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT THE DISTURBED AREAS OF THE SITE UNDER CONSTRUCTION WHICH HAVE NOT BEEN STABILIZED, ALL STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.
2. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. E



EROSION CONTROL LEGEND

- SE** STABILIZED CONSTRUCTION ENTRANCE (USE EXISTING DRIVE FOR CONST. ENTRANCE)
- DT** DUST CONTROL
- PV** PAVING
- PS** PERMANENT SEEDING
- CW** CONCRETE WASHOUT
- IP** INLET PROTECTION
- DC** DITCH CHECK
- XX** SILT FENCE OR SILT WORM

EROSION CONTROL NOTES

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO START OF CONSTRUCTION.
- EARTHWORK CONTRACTOR SHALL MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION.
- EARTHWORK CONTRACTOR RESPONSIBLE FOR DUST CONTROL.
- EARTHWORK CONTRACTOR RESPONSIBLE FOR MAINTAINING THE PUBLIC ROADWAYS CLEAN AND FREE OF DIRT AND DEBRIS AT ALL TIMES.
- OTHER EROSION CONTROL MEASURES SHALL BE IMPLEMENTED SHOULD AN INSPECTION OF THE SITE INDICATE A DEFICIENCY.

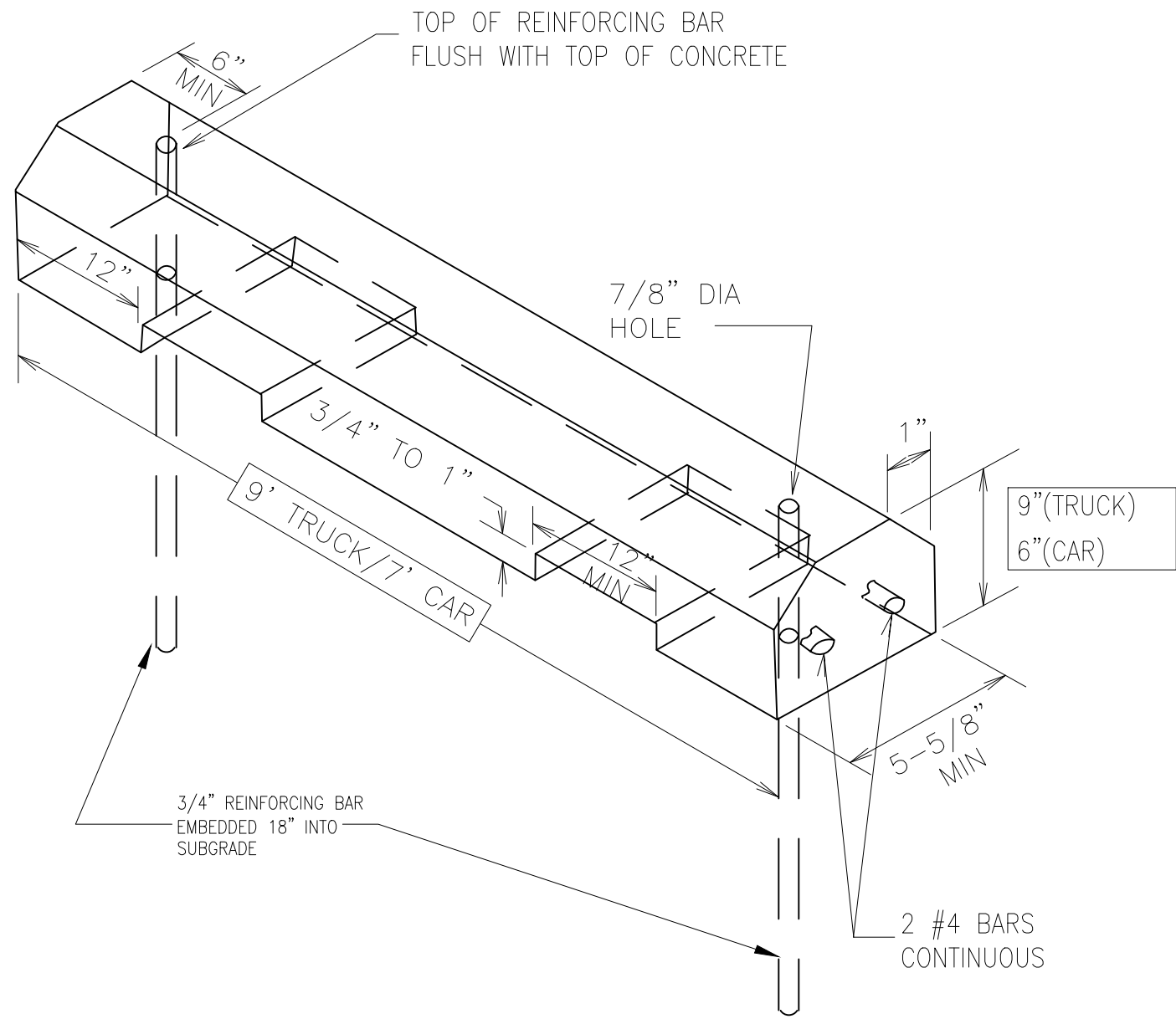
ADVANTAGE
CONSULTING ENGINEERS
1770 RANDALL ROAD, SUITE A #260 GENEVA, ILLINOIS 60134
630-520-2467
WWW.ADVANTAGE-ILL.COM

SOIL EROSION AND
SEDIMENT CONTROL PLAN
ZIZZO AUTO BODY
121 SCHELTER ROAD
LINCOLNSHIRE, IL

FITZGERALD APD
125 N HALSTED, SUIT 400
CHICAGO, IL 60661
312-724-7400

JUNE 15, 2026
JOB: 23-042
SHEET:
SE3
8 OF 10

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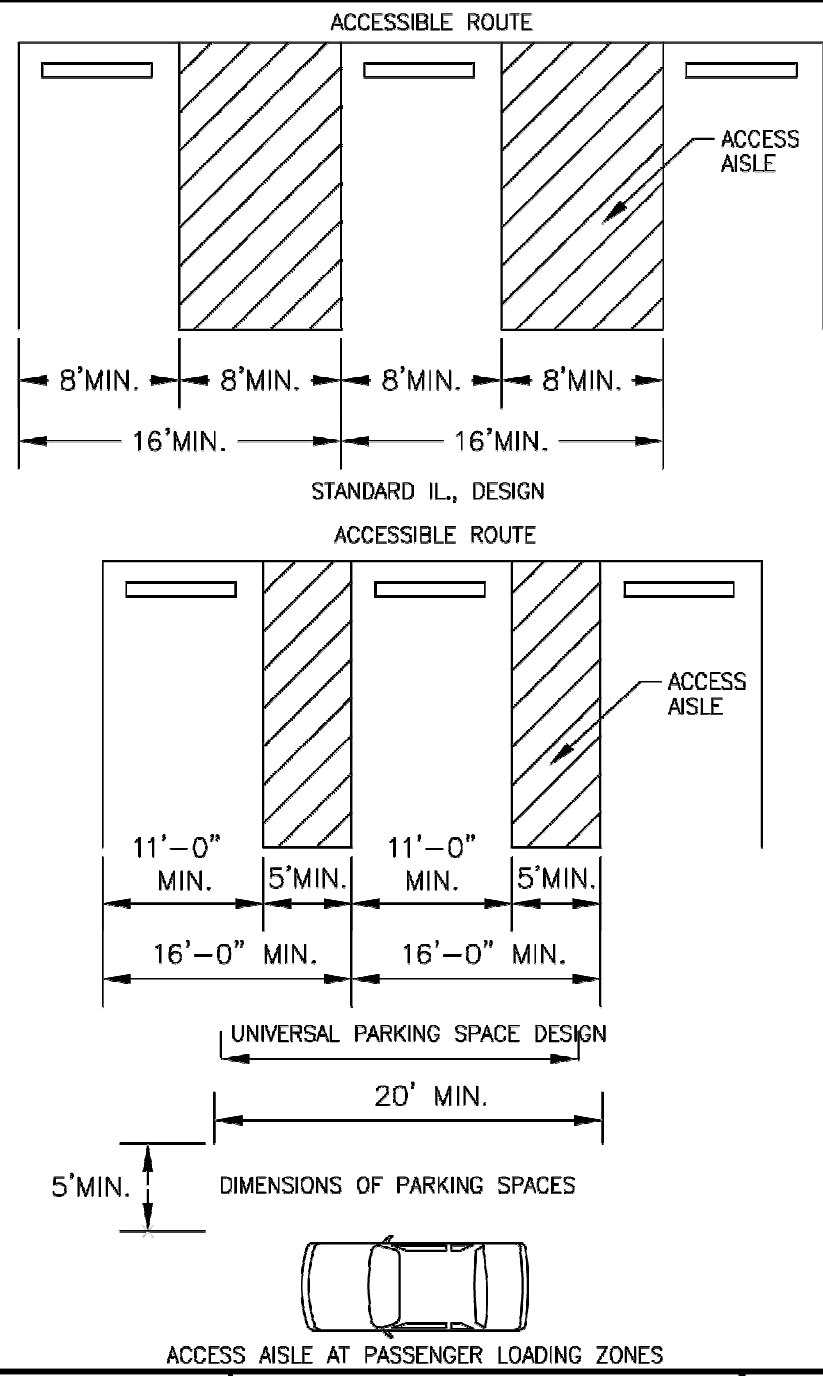
NOTE:

INSTALL PRECAST CONCRETE WHEEL STOP (PARKING BUMPER) 2½' FROM BACK OF CURB (1' FROM EDGE OF PAVEMENT).



ACE
DETAIL

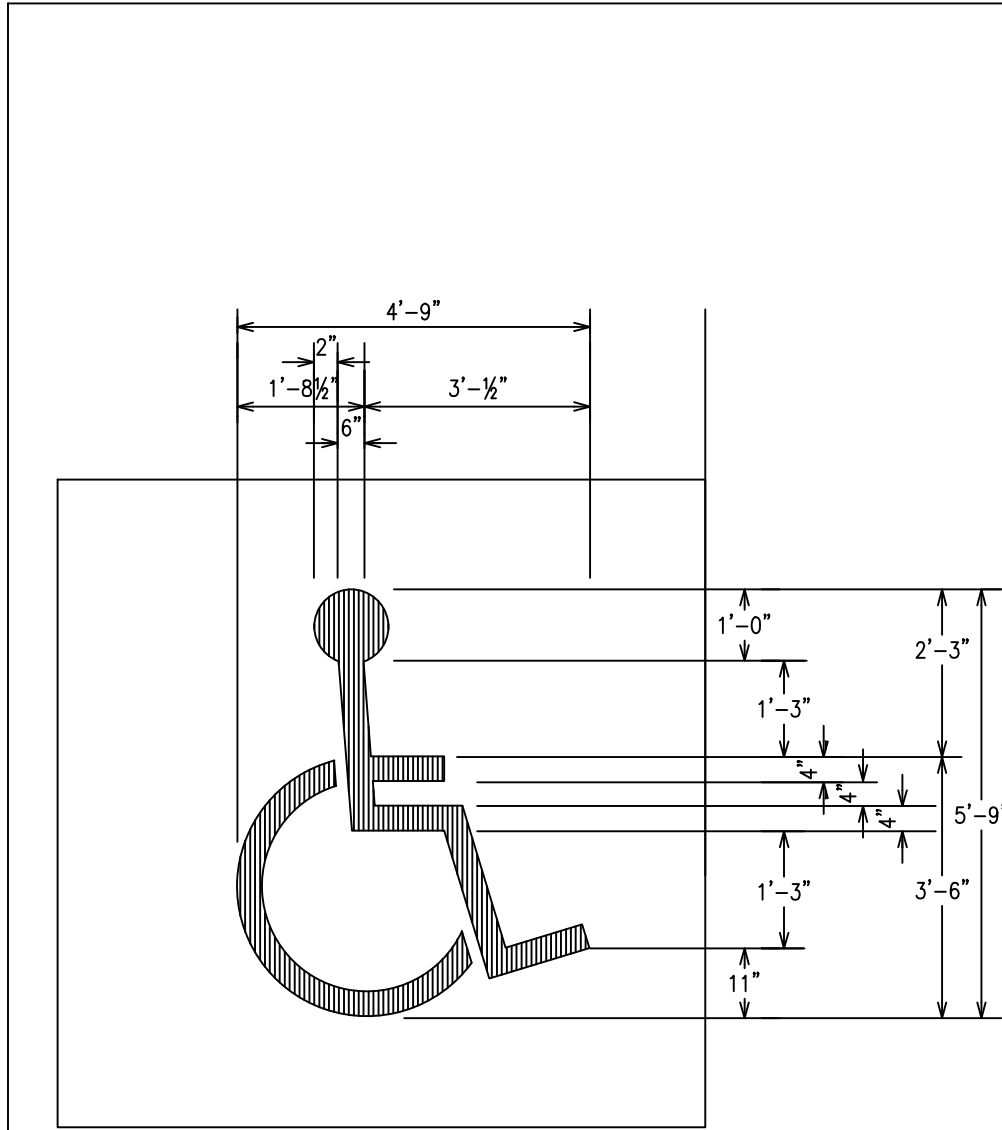
WHEEL STOP (PRECAST CONCRETE)
N.T.S.



Village of
Lincolnshire

PARKING SPACE DETAIL

DESIGNED BY: NONE
DRAWN BY: B&W
CHECKED BY: 180900
DATE: NOV. 2018
SHEET NO: J-1



HANDICAP SYMBOL DETAIL



NOTE:
THIS IS A STANDARD SIGN AND MAY BE ORDERED FROM ANY TRAFFIC SIGN SUPPLIER BY NUMBER. THE ARROW SHOULD BE OMITTED WHERE THERE IS ONLY ONE SPACE. THE ARROW MAY ALSO BE MADE TO POINT IN ONLY ONE DIRECTION. THE ARROW MAY ALSO BE REPLACED BY "TIME" SUCH AS 9 AM - 5 PM WHERE A PART TIME RESTRICTION EXISTS. THE SIGN MUST BE SUPPLEMENTED WITH THE ILLINOIS STANDARD R7-1101 PLATE GIVING THE AMOUNT OF THE FINE FOR ILLEGALLY PARKING IN THE RESERVED SPACE(S).

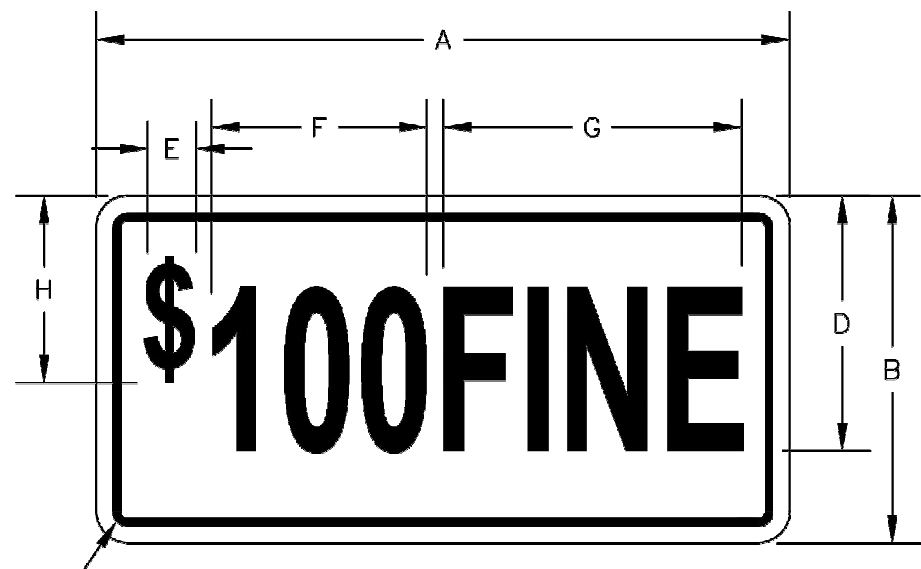
COLORS
LEGEND AND BORDER-PANTONE 340C
WHITE SYMBOL ON PANTONE 286 BACKGROUND
BACKGROUND-WHITE

Village of
Lincolnshire

HANDICAPPED PARKING SIGN

DESIGNED BY: NONE
DRAWN BY: B&W
CHECKED BY: 180900
DATE: NOV. 2018
SHEET NO: J-2

ILLINOIS STANDARD
R7-1101



COLOR: LEGEND AND BORDER GREEN NON-REFLECTORIZED (PANTONE 340C)
BACKGROUND WHITE REFLECTORIZED

SIGN SIZE	A	B	C	D	E	F	G	H
12 X 6	12.0	6.0	1.5	4.5	1.19	3.53	4.6	4.0

SIGN SIZE	SERIES LINES	MARGIN	BORDER	BLK. STD.
12 X 6	3A	0.37	0.37	B5-126

ALL DIMENSIONS IN INCHES
TO BE USED WITH R7-8
\$-SERIES SA "S"

NOTE:
THIS PLATE MAY BE MOUNTED DIRECTLY BELOW THE R7-8 SIGN OR COMBINED WITH THAT SIGN ON A SINGLE 12-INCH BY 24-INCH PANEL.

Village of
Lincolnshire

'100 FINE' SIGN DETAIL

DESIGNED BY: NONE
DRAWN BY: B&W
CHECKED BY: 180900
DATE: NOV. 2018
SHEET NO: J-3

DETAILS

ZIZZO AUTO BODY
121 SCHELTER ROAD
LINCOLNSHIRE, IL

FITZGERALD APD
125 N HALSTED, SUIT 400
CHICAGO, IL 60661
312-724-7400

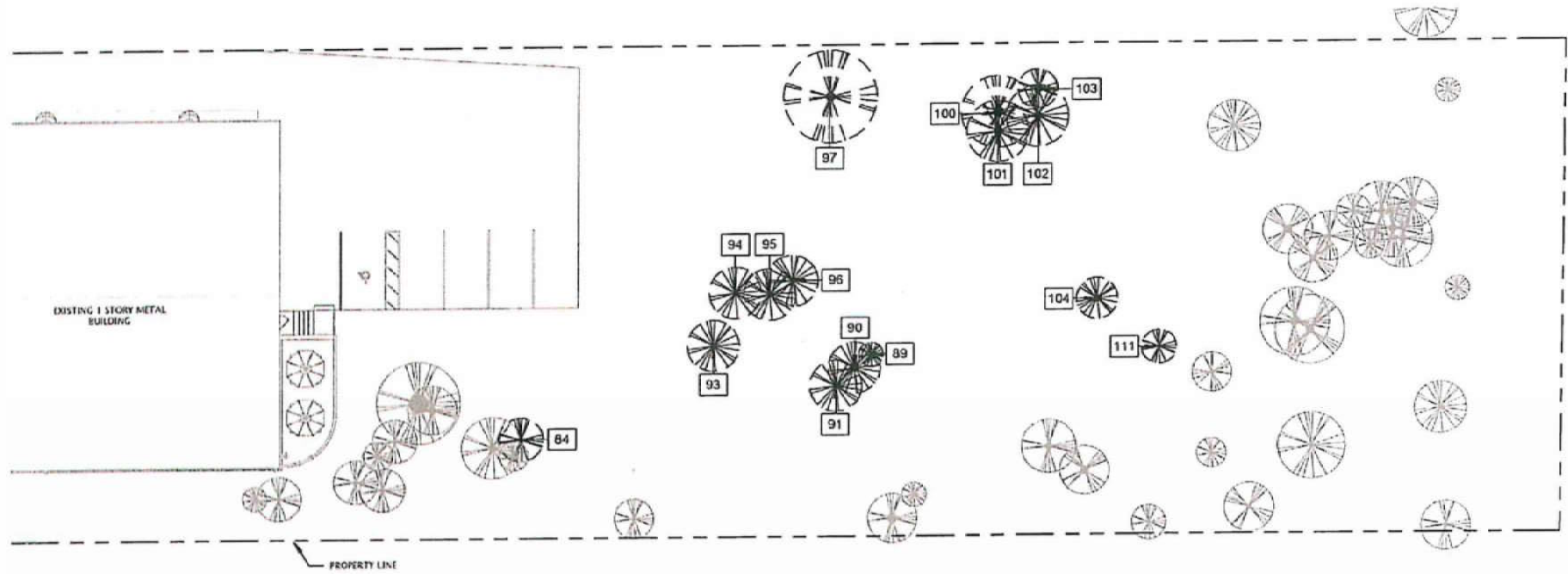
ADVANTAGE
CONSULTING ENGINEERS

1770 RANDALL ROAD, SUITE A #260 GENEVA, ILLINOIS 60134
630-520-2467 WWW.ACEDETAILS.COM

JUNE 15, 2026
JOB: 23-042

SHEET:
D1

10 OF 10



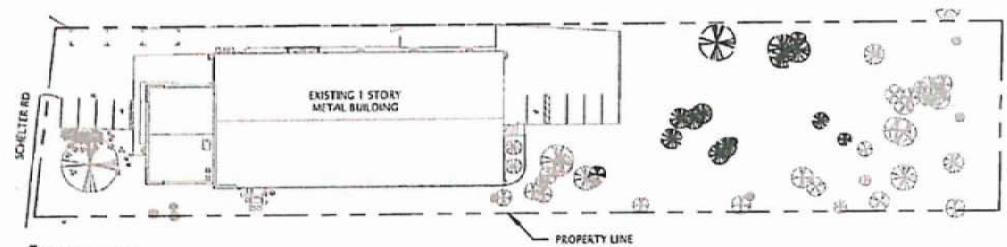
1 TREE REMOVAL PLAN

1" = 20'-0"



TREE REMOVAL DETAILS

Diameter of tree (in inches)	Species	Identifying characteristics and/or marker (Number on tree survey)
1. 9	Cottonwood	84
2. 6	Norway Maple	89
3. 19	Cottonwood	90
4. 13	Cottonwood	91
5. 17	Cottonwood	93
6. 17	Cottonwood	94
7. 14	Cottonwood	95
8. 17	Cottonwood	96
9. 15.20	Cottonwood	97
10. 25	Cottonwood	100
11. 20	Cottonwood	101
12. 20	Cottonwood	102
13. 17	Cottonwood	103
14. 14	Mulberry	104
15. 9	Boxelder	111



KEY PLAN

1" = 60'-0"

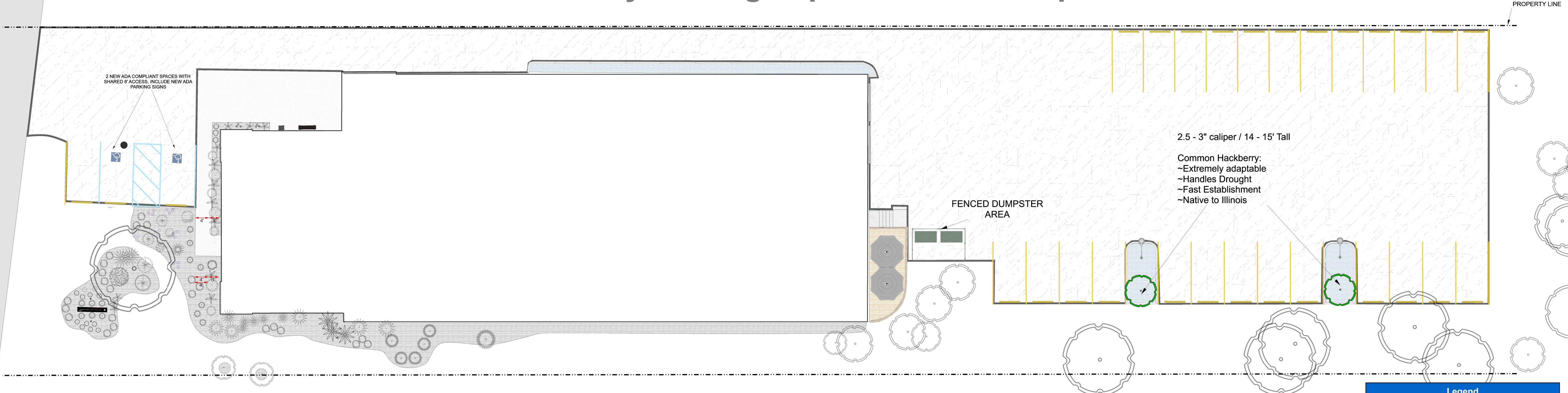
FITZGERALD
ARCHITECTURE | PLANNING | DESIGN
312.724.7400 www.FitzgeraldAPD.com

CLIENT: ZIZZO AUTO BODY
PROJECT NO: 25119.10
SKETCH NO: SK01

DRAWN BY: AEC DATE: 4/17/2026

SCHELTER RD.

Zizzo Auto Body Parking Expansion Landscape Plan 2026



Legend			
Symbol	Qty	Common	Botanical
	2	Common Hackberry	Celtis occidentalis



- ASPHALT



- AGGREGATE STONE



- MULCH



SCALE
1" = 10'

This drawing and all landscape ideas shown herein are the property of A&R Landscaping, Inc. and shall not be used or put out to bid for landscaping without written consent. All dimensions to be verified in the field by contractor. Field adjustments may be made during installation in keeping with design intent.

Plant - Water features
Retaining Walls
Paver Walks & Driveways
Patios - Landscape Lighting

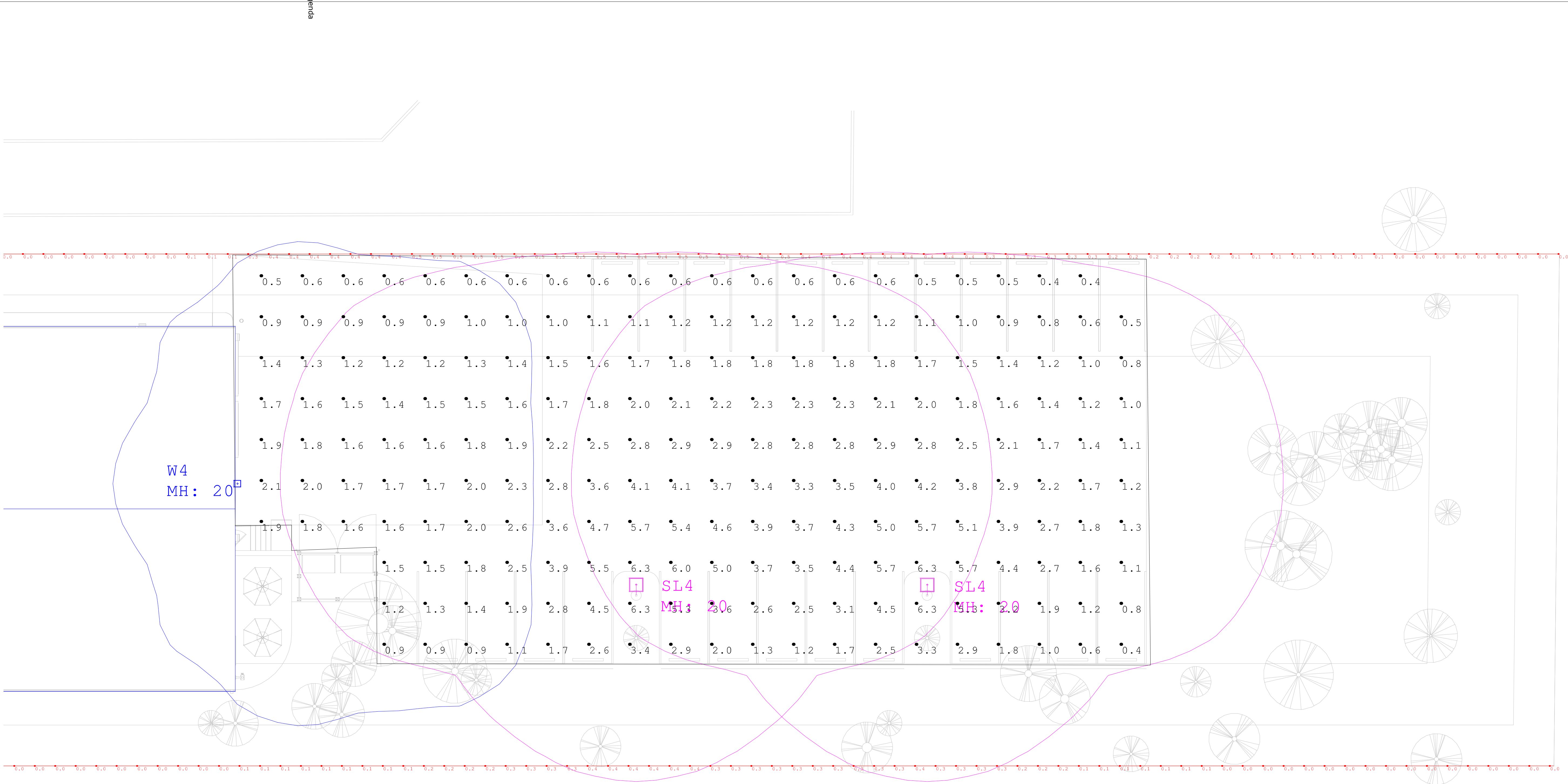
A&R
Landscaping, Inc.

1422 Kenmore Ave. Round Lake Beach, IL 60073
aandscaping@att.net

847-344-8521
847-344-8547

Prepared by: Eric Larson

Zizzo Auto Body
121 Schelter Rd.
Lincolnshire, IL 60069



Luminaire Schedule - DB Lighting									
Label	Qty	Symbol	Arrangement	[MANUFAC]	Description	Lumens	Watts	LLF	Mtg Hgt
W4	1		Single	Gardco	OPF-S-7L-840-T4M	6414	42	0.850	20
SL4	2		Single	Gardco	OPF-S-20L-840-T4W	18859	139	0.850	20

Calculation Summary - DB Lighting							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Parking	Illuminance	Fc	2.17	6.3	0.4	5.43	15.75
Property Line North	Illuminance	Fc	0.16	0.5	0.0	N.A.	N.A.
Property Line South	Illuminance	Fc	0.09	0.4	0.0	N.A.	N.A.

- NOTES:
1. The calculated results of this lighting simulation represent a prediction of system performance and are not guaranteed.
 2. Actual measured results may vary from the anticipated performance and are subject to means and conditions which are beyond the control of DB Lighting Consult
 3. Illumination values shown (in foot-candles) are horizontal at grade level based on Mounting Height 20'-0"
 4. Calculation points are on an 8' x 8' spacing
 5. Per fixture isolines shown represent 0.25 fc and is for reference only



Chicago Lightworks
505 Warrenville Rd.
Suite 101
Lisle, IL 60532

Rev	Date	Comments
..		
..		
..		
..		
..		
Revisions		

Project Name: Zizzo Racing	Project ID Number: 202-115	Date: 06/10/2026
--------------------------------------	-------------------------------	---------------------



Gardco OptiForm site and area luminaires are available in three sizes: small, medium and large. Featuring the latest in LED technology, OptiForm achieves up to 192 lumens per watt. Eleven optical distributions are available, suitable for a range of outdoor lighting applications. OptForm features a unique mounting system with a two-piece housing for hassle-free installation. Mounting options include a standard arm, mast arm, and wall mount bracket. Service Tag is a standard feature with every OptiForm luminaire, providing maintenance or upgrade assistance throughout the life of the product.

Project:	
Location:	
Cat.No:	
Type:	
Lamps:	Qty:
Notes:	

Ordering guide

example: OPF-S-A01-840-T4M-AR1-120-BL50-L3-BZ

Luminaire	Area Configuration (nom. lumens)				Color Temperature		Distribution				Mounting		Voltage	
OPF-S														
OPF-S OptiForm Small Area Light	Site and Area		Precision Plus ¹⁶ (T2M, T3M, T4M, T5M only)		827'	80CRI 2700K	AFR	Autofront row	LCL	LEED corner optic left	AR1 ^{2,17} MAR ³ WAL MOS ⁴	Arm mount (standard) Mast arm Wall mount Mounting ordered separately	120	120V
					830	80CRI 3000K	T2M	Type 2 medium	LCL	LEED corner optic right			208	208V
	A01	7,000 lumens	P01	2,500 lumens	840	80CRI 4000K	T3M	Type 3 medium	BLC	Back light control			240	240V
	A02	9,000 lumens	P02	4,000 lumens	727'	70CRI 2700K	T4M	Type 4 medium	2RL	Type 2 rotated left 90°			277	277V
	A03	11,000 lumens	P03	6,500 lumens	730	70CRI 3000K	T4W	Type 4 wide	2RR	Type 2 rotated right 270°			347	347V
	A04	15,000 lumens	P04	9,000 lumens	740	70CRI 4000K	T5M	Type 5 medium	3RL	Type 3 rotated left 90°			480	480V
	A05	17,000 lumens	P05	11,500 lumens	750	70CRI 5000K	T5N	Type 5 narrow	3RR	Type 3 rotated right 270°			UNV	120-277V
	A06	19,000 lumens	P06	14,000 lumens			T5W	Type 5 wide	4RL ¹	Type 4 rotated left 90°			HVU ¹⁶	347-480V
	A07	20,000 lumens	P07	16,500 lumens					4RR ¹	Type 4 rotated right 270°				
			P08	19,000 lumens										
		P09	22,000 lumens											

Dimming Controls		Sensing	Options (electrical, mechanical, etc)		Emergency	Finish	
The following options include 0-10V Driver		L2 PIR sensor, #2 lens (Required if BL50 is selected)	None Surge protector 10kV/10kA standard		EM ^{12,14,16} Emergency Battery Pack (0-40 °C)	Standard textured finish	
none	0-10V dimming driver		SP2 Surge protector 20kV/10kA (option)			BK Black	
DLEA ^{5,10}	Dimming leads externally accessible (controls by others)		FS1 ¹¹ Single fuse (120, 277, or 347VAC)			WH White	
FAWS ^{5,6,10}	Field adjustable wattage selector		FS2 ¹¹ Double fuse (208, 240, or 480V)			BZ Bronze	
BL50 ^{5,7,10}	Bi-level with motion sensor		PCB ^{11,12} Photocontrol button connected to 0-10V driver			DG Dark Gray	
The following options include SR/DALI Driver			TR5 NEMA Twist-lock 5-pin receptacle connected to 0-10V driver			MG Medium Gray	
SRDR ^{5,8,13}	SR driver connected to Zhaga socket (D4i)		TR7 ¹³ 7-pin twist lock receptacle connected to D4i compliant driver			Customer specified	
OMSR ^{5,8,13}	Outdoor multi-sensor		TLP ^{11,13} 7-pin twist lock receptacle connected to D4i compliant driver w/ 3-pin photocell				
DynaDimmer: Automatic Profile Dimming			EHS Housing machined to accept external house side shield for field install. Must be combined with OPF-S-EHS-1 accessory.				OC Special optional color or RAL, consult factory
CS50 ^{5,13}	Security 50% dimming, 7 hours						SC Special color (must supply color chip, requires factory quote)
CM50 ^{5,13}	Median 50% dimming, 8 hours						
CS30 ^{5,13}	Security 30% dimming, 7 hours						
CM30 ^{5,13}	Median 30% dimming, 8 hours						

- Extended leadtime applies. Consult factory for details.
- Mounts to a square pole with knockout for 4-5" OD round pole.
- Mounts to a 2-3/8" x 5" tenon.
- Must be ordered with mounting accessory.
- Not available with other dimming control options (mutually exclusive).
- Not available with motion sensor (physical restriction).
- Must be specified with a motion sensor lens (L2).
- Not available with PCB, TR5.
- Must be specified with a motion sensor LW, LB.
- Not available with TR7, TLP.
- Must specify input voltage.

- Not available in 347, 480, or HVU.
- Not available with lumen packages P01, P02 in 120-277 voltages or lumen packages A01-A03, P01-P05 in 347, 480, or HVU.
- Only available with P01-P03 at 120-277V or UNV.
- Not available with Dynadimmer, SRDR, FAWS, FS1, FS2, OMSR, DLEA, BL50 (physical restriction).
- Precision Plus Optics (P01-P09) available only with T2M, T3M, T4M, and T5M optical distributions and are non-rotatable.
- OPF-RMB accessory recommended for retrofit applications.

OPF-S OptiForm small

Site & area luminaire

Shielding Accessories (order separately)

- OPF-S-EHS-1* External house side shield (field installed)
 OPF-S-HIS-1** Internal house side shield, qty 1
 OPF-S-HIS-T4-1** Internal house side shield, Type 4 only, qty 1

*Must select EHS option on luminaire

**Not available for Precision Plus (P01-P09)

Luminaire Accessories (order separately)

Pole Mount Fusing

- FP1 Pole mount single fuse (120V, 277V, or 347V)
 FP2 Pole mount double fuse (208V, 240V, or 480V)
 FP3 Pole mount double fuse canadian double pull (208V, 240V, or 480V)

Photocell Accessories

- P400S Shorting cap

Mountings (boxed and shipped separately)

Must choose MOS mounting ordered separately for mounting option on luminaire.
 (F) Must specify finish

Standard Arm

- OPF-AR1-(F)^{2,17} Standard arm mount
 OPF-AR1-TR7-(F)^{2,13,17} Mast arm mount with 7-pin (TR7) receptacle

Wall Mount

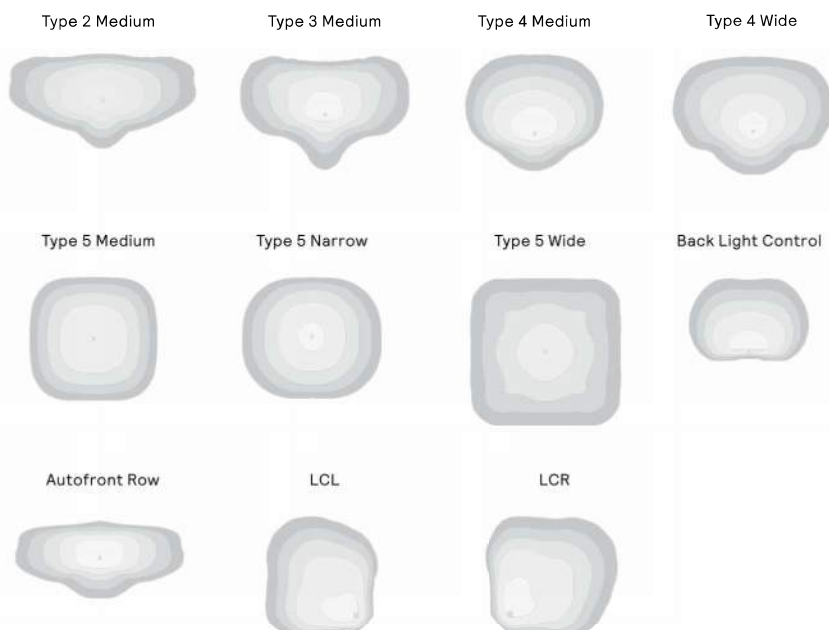
- OPF-WAL-(F) Wall mount bracket
 OPF-WAL-TR7-(F)¹³ Wall mount with 7-pin (TR7) receptacle

Mast Arm

- OPF-MAR-(F)³ Mast arm mount
 OPF-MAR-TR7-(F)^{3,13} Mast arm mount with 7-pin (TR7) receptacle

Optical Distributions

Site and Area Optics



Retrofit Mounting

- OPF-RMB Retrofit Mounting Bolster Plate for attaching OptiForm to existing poles.
 Recommended for retrofit applications.

Pole Top Fitters

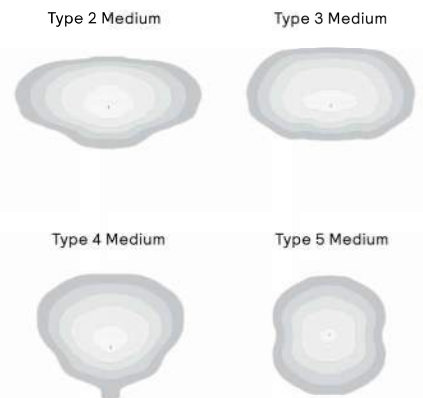
PTF2 - Pole top fitter fits 2 3/8 - 2 1/2" OD x 4" depth tenon

- PTF2-1-90-(F) 1 luminaire at 90°
 PTF2-2-90-(F) 2 luminaires at 90°
 PTF2-3-90-(F) 3 luminaires at 90°
 PTF2-4-90-(F) 4 luminaires at 90°
 PTF2-2-180-(F) 2 luminaires at 180°
 PTF2-3-120-(F) 3 luminaires at 120°

PTF3 - Pole top fitter fits 3-3 1/2" OD x 6" depth tenon

- PTF3-1-90-(F) 1 luminaire at 90°
 PTF3-2-90-(F) 2 luminaires at 90°
 PTF3-3-90-(F) 3 luminaires at 90°
 PTF3-4-90-(F) 4 luminaires at 90°
 PTF3-2-180-(F) 2 luminaires at 180°
 PTF3-3-120-(F) 3 luminaires at 120°

Precision Plus Optics



OPF-S OptiForm small

Site & area luminaire

OPF-S Area Optic Lumen values

3000K, 70CRI

Ordering Code	Color Temp	Average System Wattage (W)	Type 2M			Type 3M			Type 4M			Type 5M		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
OPF-S-A01-730-x	3000	42	6991	B2-U0-G2	167	6935	B2-U0-G2	166	7028	B1-U0-G2	168	7244	B3-U0-G1	173
OPF-S-A02-730-x	3000	54	8941	B2-U0-G2	165	8869	B2-U0-G2	164	8989	B1-U0-G2	166	9265	B3-U0-G2	171
OPF-S-A03-730-x	3000	64	10438	B2-U0-G2	164	10354	B2-U0-G2	163	10494	B2-U0-G2	165	10816	B3-U0-G2	170
OPF-S-A04-730-x	3000	91	14465	B3-U0-G3	160	14350	B3-U0-G3	158	14543	B2-U0-G2	160	14990	B4-U0-G2	165
OPF-S-A05-730-x	3000	104	16226	B3-U0-G3	156	16096	B3-U0-G3	154	16313	B2-U0-G3	156	16814	B4-U0-G2	161
OPF-S-A06-730-x	3000	122	18441	B3-U0-G3	151	18294	B3-U0-G3	150	18540	B3-U0-G3	152	19110	B4-U0-G2	156
OPF-S-A07-730-x	3000	136	20034	B3-U0-G3	147	19874	B3-U0-G3	146	20142	B3-U0-G3	148	20761	B4-U0-G2	152

3000K, 70CRI (cont'd)

Ordering Code	Color Temp	Average System Wattage (W)	AFR			Type 4W			Type 5N			Type 5W		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
OPF-S-A01-730-x	3000	42	7241	B2-U0-G2	173	6692	B1-U0-G2	160	7193	B3-U0-G1	172	6926	B3-U0-G2	165
OPF-S-A02-730-x	3000	54	9260	B2-U0-G2	171	8558	B2-U0-G2	158	9200	B3-U0-G1	170	8858	B3-U0-G2	164
OPF-S-A03-730-x	3000	64	10811	B3-U0-G3	170	9991	B2-U0-G3	157	10740	B3-U0-G2	169	10341	B4-U0-G2	163
OPF-S-A04-730-x	3000	91	14982	B3-U0-G3	165	13847	B2-U0-G3	153	14884	B4-U0-G2	164	14331	B4-U0-G3	158
OPF-S-A05-730-x	3000	104	16806	B3-U0-G3	161	15532	B3-U0-G3	149	16696	B4-U0-G2	160	16075	B4-U0-G3	154
OPF-S-A06-730-x	3000	122	19100	B3-U0-G3	156	17652	B3-U0-G3	144	18975	B4-U0-G2	155	18270	B5-U0-G3	150
OPF-S-A07-730-x	3000	136	20750	B3-U0-G3	152	19178	B3-U0-G3	141	20615	B4-U0-G2	151	19848	B5-U0-G3	146

4000K, 70CRI

Ordering Code	Color Temp	Average System Wattage (W)	Type 2M			Type 3M			Type 4M			Type 5M		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
OPF-S-A01-740-x	4000	42	7391	B2-U0-G2	176	7332	B2-U0-G2	175	7431	B1-U0-G2	177	7659	B3-U0-G1	183
OPF-S-A02-740-x	4000	54	9452	B2-U0-G2	175	9377	B2-U0-G2	173	9503	B1-U0-G2	176	9795	B3-U0-G2	181
OPF-S-A03-740-x	4000	64	11035	B3-U0-G3	174	10947	B2-U0-G2	172	11094	B2-U0-G2	174	11435	B3-U0-G2	180
OPF-S-A04-740-x	4000	91	15293	B3-U0-G3	169	15171	B3-U0-G3	167	15375	B2-U0-G2	170	15848	B4-U0-G2	175
OPF-S-A05-740-x	4000	104	17155	B3-U0-G3	164	17018	B3-U0-G3	163	17247	B2-U0-G3	165	17777	B4-U0-G2	170
OPF-S-A06-740-x	4000	122	19496	B3-U0-G3	160	19341	B3-U0-G3	158	19601	B3-U0-G3	160	20203	B4-U0-G2	165
OPF-S-A07-740-x	4000	136	21181	B3-U0-G3	156	21012	B3-U0-G3	154	21294	B3-U0-G3	156	21949	B4-U0-G2	161

4000K, 70CRI (cont'd)

Ordering Code	Color Temp	Average System Wattage (W)	AFR			Type 4W			Type 5N			Type 5W		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
OPF-S-A01-740-x	4000	42	7655	B2-U0-G2	183	7075	B1-U0-G2	169	7605	B3-U0-G1	182	7322	B3-U0-G2	175
OPF-S-A02-740-x	4000	54	9790	B2-U0-G2	181	9048	B2-U0-G2	167	9726	B3-U0-G1	180	9365	B3-U0-G2	173
OPF-S-A03-740-x	4000	64	11429	B3-U0-G3	180	10563	B2-U0-G3	166	11355	B3-U0-G2	179	10933	B4-U0-G2	172
OPF-S-A04-740-x	4000	91	15840	B3-U0-G3	175	14639	B2-U0-G3	161	15736	B4-U0-G2	174	15151	B4-U0-G3	167
OPF-S-A05-740-x	4000	104	17768	B3-U0-G3	170	16421	B3-U0-G3	157	17652	B4-U0-G2	169	16995	B4-U0-G3	163
OPF-S-A06-740-x	4000	122	20193	B3-U0-G3	165	18662	B3-U0-G3	153	20061	B4-U0-G2	164	19315	B5-U0-G3	158
OPF-S-A07-740-x	4000	136	21938	B3-U0-G3	161	20275	B3-U0-G3	149	21794	B4-U0-G2	160	20984	B5-U0-G3	154

OPF-S OptiForm small

Site & area luminaire

OPF-S Area Optic Lumen values (cont'd)

5000K, 70CRI

Ordering Code	Color Temp	Average System Wattage (W)	Type 2M			Type 3M			Type 4M			Type 5M		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
OPF-S-A01-750-x	5000	42	7391	B2-U0-G2	176	7332	B2-U0-G2	175	7431	B1-U0-G2	177	7659	B3-U0-G1	183
OPF-S-A02-750-x	5000	54	9452	B2-U0-G2	175	9377	B2-U0-G2	173	9503	B1-U0-G2	176	9795	B3-U0-G2	181
OPF-S-A03-750-x	5000	64	11035	B3-U0-G3	174	10947	B2-U0-G2	172	11094	B2-U0-G2	174	11435	B3-U0-G2	180
OPF-S-A04-750-x	5000	91	15293	B3-U0-G3	169	15171	B3-U0-G3	167	15375	B2-U0-G2	170	15848	B4-U0-G2	175
OPF-S-A05-750-x	5000	104	17155	B3-U0-G3	164	17018	B3-U0-G3	163	17247	B2-U0-G3	165	17777	B4-U0-G2	170
OPF-S-A06-750-x	5000	122	19496	B3-U0-G3	160	19341	B3-U0-G3	158	19601	B3-U0-G3	160	20203	B4-U0-G2	165
OPF-S-A07-750-x	5000	136	21181	B3-U0-G3	156	21012	B3-U0-G3	154	21294	B3-U0-G3	156	21949	B4-U0-G2	161

5000K, 70CRI (cont'd)

Ordering Code	Color Temp	Average System Wattage (W)	AFR			Type 4W			Type 5N			Type 5W		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
OPF-S-A01-750-x	5000	42	7655	B2-U0-G2	183	7075	B1-U0-G2	169	7605	B3-U0-G1	182	7322	B3-U0-G2	175
OPF-S-A02-750-x	5000	54	9790	B2-U0-G2	181	9048	B2-U0-G2	167	9726	B3-U0-G1	180	9365	B3-U0-G2	173
OPF-S-A03-750-x	5000	64	11429	B3-U0-G3	180	10563	B2-U0-G3	166	11355	B3-U0-G2	179	10933	B4-U0-G2	172
OPF-S-A04-750-x	5000	91	15840	B3-U0-G3	175	14639	B2-U0-G3	161	15736	B4-U0-G2	174	15151	B4-U0-G3	167
OPF-S-A05-750-x	5000	104	17768	B3-U0-G3	170	16421	B3-U0-G3	157	17652	B4-U0-G2	169	16995	B4-U0-G3	163
OPF-S-A06-750-x	5000	122	20193	B3-U0-G3	165	18662	B3-U0-G3	153	20061	B4-U0-G2	164	19315	B5-U0-G3	158
OPF-S-A07-750-x	5000	136	21938	B3-U0-G3	161	20275	B3-U0-G3	149	21794	B4-U0-G2	160	20984	B5-U0-G3	154

OPF-S Precision Plus Optic Lumen values

3000K, 70CRI

Ordering Code	Color Temp	Average System Wattage (W)	Type 2M			Type 3M			Type 4M			Type 5M		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
OPF-S-P01-730-x	3000	15	2691	B1-U0-G1	182	2718	B1-U0-G1	184	2665	B1-U0-G1	180	2610	B2-U0-G1	176
OPF-S-P02-730-x	3000	23	4022	B1-U0-G1	178	4062	B1-U0-G1	180	3983	B1-U0-G1	177	3900	B2-U0-G1	173
OPF-S-P03-730-x	3000	38	6465	B2-U0-G2	169	6530	B2-U0-G2	171	6402	B1-U0-G2	168	6269	B3-U0-G2	164
OPF-S-P04-730-x	3000	53	8759	B2-U0-G2	165	8848	B2-U0-G2	166	8674	B2-U0-G2	163	8495	B3-U0-G2	160
OPF-S-P05-730-x	3000	66	11253	B2-U0-G2	172	11366	B3-U0-G3	173	11143	B2-U0-G3	170	10913	B3-U0-G2	167
OPF-S-P06-730-x	3000	76	13987	B3-U0-G3	183	14128	B3-U0-G3	185	13850	B2-U0-G3	182	13564	B4-U0-G3	178
OPF-S-P07-730-x	3000	94	15850	B3-U0-G3	168	16010	B3-U0-G3	170	15696	B3-U0-G3	167	15372	B4-U0-G3	163
OPF-S-P08-730-x	3000	113	19800	B3-U0-G3	176	19999	B3-U0-G3	178	19607	B3-U0-G3	174	19202	B4-U0-G3	171
OPF-S-P09-730-x	3000	133	21655	B3-U0-G3	163	21874	B3-U0-G3	164	21444	B3-U0-G4	161	21002	B4-U0-G3	158

4000K, 70CRI

Ordering Code	Color Temp	Average System Wattage (W)	Type 2M			Type 3M			Type 4M			Type 5M		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
OPF-S-P01-740-x	4000	15	2845	B1-U0-G1	192	2874	B1-U0-G1	194	2817	B1-U0-G1	190	2759	B2-U0-G1	186
OPF-S-P02-740-x	4000	23	4252	B1-U0-G1	189	4295	B1-U0-G1	191	4211	B1-U0-G1	187	4124	B2-U0-G1	183
OPF-S-P03-740-x	4000	38	6835	B2-U0-G2	179	6904	B2-U0-G2	181	6768	B1-U0-G2	177	6629	B3-U0-G2	174
OPF-S-P04-740-x	4000	53	9261	B2-U0-G2	174	9355	B2-U0-G2	176	9171	B2-U0-G2	172	8982	B3-U0-G2	169
OPF-S-P05-740-x	4000	66	11898	B2-U0-G2	182	12018	B3-U0-G3	183	11782	B2-U0-G3	180	11539	B3-U0-G2	176
OPF-S-P06-740-x	4000	76	14788	B3-U0-G3	194	14937	B3-U0-G3	196	14644	B2-U0-G3	192	14342	B4-U0-G3	188
OPF-S-P07-740-x	4000	94	16758	B3-U0-G3	178	16927	B3-U0-G3	180	16595	B3-U0-G3	176	16253	B4-U0-G3	172
OPF-S-P08-740-x	4000	113	20934	B3-U0-G3	186	21145	B3-U0-G3	188	20730	B3-U0-G3	184	20302	B4-U0-G3	180
OPF-S-P09-740-x	4000	133	22896	B3-U0-G3	172	23127	B3-U0-G3	174	22673	B3-U0-G4	171	22205	B4-U0-G3	167

OPF-S OptiForm small

Site & area luminaire

OPF-S Area Optic Lumen values (cont'd)

5000K, 70CRI

Ordering Code	Color Temp	Average System Wattage (W)	Type 2M			Type 3M			Type 4M			Type 5M		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
OPF-S-P01-750-x	5000	15	2845	B1-U0-G1	192	2874	B1-U0-G1	194	2817	B1-U0-G1	190	2759	B2-U0-G1	186
OPF-S-P02-750-x	5000	23	4252	B1-U0-G1	189	4295	B1-U0-G1	191	4211	B1-U0-G1	187	4124	B2-U0-G1	183
OPF-S-P03-750-x	5000	38	6835	B2-U0-G2	179	6904	B2-U0-G2	181	6768	B1-U0-G2	177	6629	B3-U0-G2	174
OPF-S-P04-750-x	5000	53	9261	B2-U0-G2	174	9355	B2-U0-G2	176	9171	B2-U0-G2	172	8982	B3-U0-G2	169
OPF-S-P05-750-x	5000	66	11898	B2-U0-G2	182	12018	B3-U0-G3	183	11782	B2-U0-G3	180	11539	B3-U0-G2	176
OPF-S-P06-750-x	5000	76	14788	B3-U0-G3	194	14937	B3-U0-G3	196	14644	B2-U0-G3	192	14342	B4-U0-G3	188
OPF-S-P07-750-x	5000	94	16758	B3-U0-G3	178	16927	B3-U0-G3	180	16595	B3-U0-G3	176	16253	B4-U0-G3	172
OPF-S-P08-750-x	5000	113	20934	B3-U0-G3	186	21145	B3-U0-G3	188	20730	B3-U0-G3	184	20302	B4-U0-G3	180
OPF-S-P09-750-x	5000	133	22896	B3-U0-G3	172	23127	B3-U0-G3	174	22673	B3-U0-G4	171	22205	B4-U0-G3	167

LED Wattage and Lumen Values (Emergency Mode)

Ordering Code	CCT	CRI	Avg. System Wattage (W)	Type 2M		Type 3M		Type 4M	
				Lumen Output	BUG Rating	Lumen Output	BUG Rating	Lumen Output	BUG Rating
OPF-S-PXX-740-X-EM	4000	70	6	1000	B0-U0-G0	1014	B0-U0-G1	838	B0-U0-G0
OPF-S-PXX-750-X-EM	5000	70	6	960	B0-U0-G0	973	B0-U0-G1	804	B0-U0-G0
OPF-S-PXX-830-X-EM	3000	80	6	856	B0-U0-G0	868	B0-U0-G1	717	B0-U0-G0
OPF-S-PXX-840-X-EM	4000	80	6	887	B0-U0-G0	899	B0-U0-G1	743	B0-U0-G0

Predicted Lumen Depreciation Data

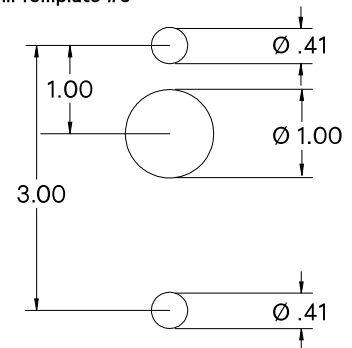
Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L70 hours limited to 6 times actual LED test hours

Ambient Temp °C	Lumen Package	Calculated L70 Hours	L70 per TM-21	Lumen Maintenance % at 60,000 hrs
25°C	A06-A07	>77,000 hours	>77,000 hours	90%
25°C	All others	>100,000 hours	>100,000 hours	96%

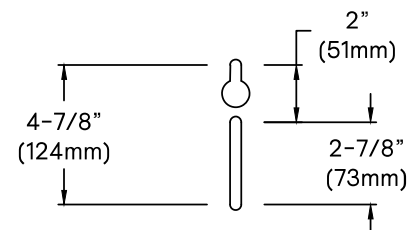
Dimensions

Standard Drill Pattern

Drill Template #5



Standard Arm Mounting Hole Pattern



OPF-S OptiForm small

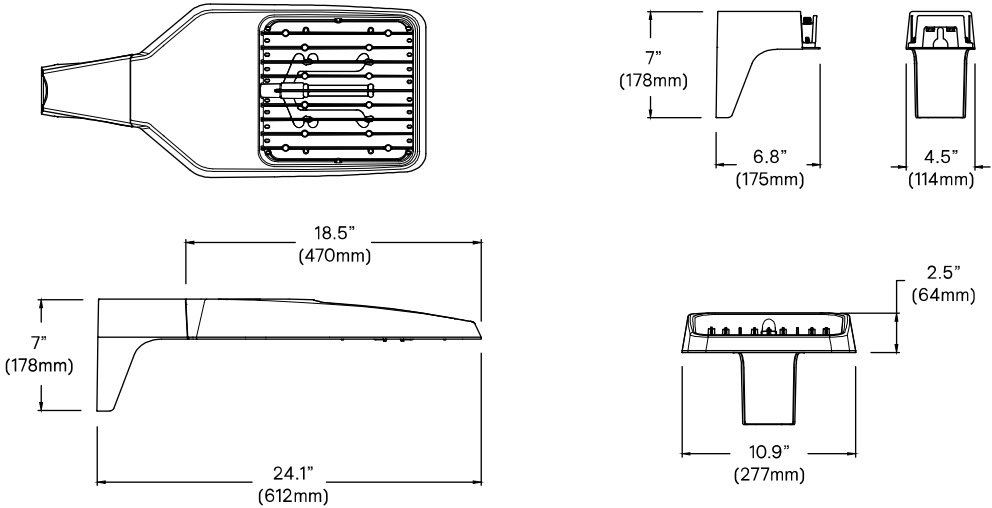
Site & area luminaire

Dimensions

OptiForm Standard Arm

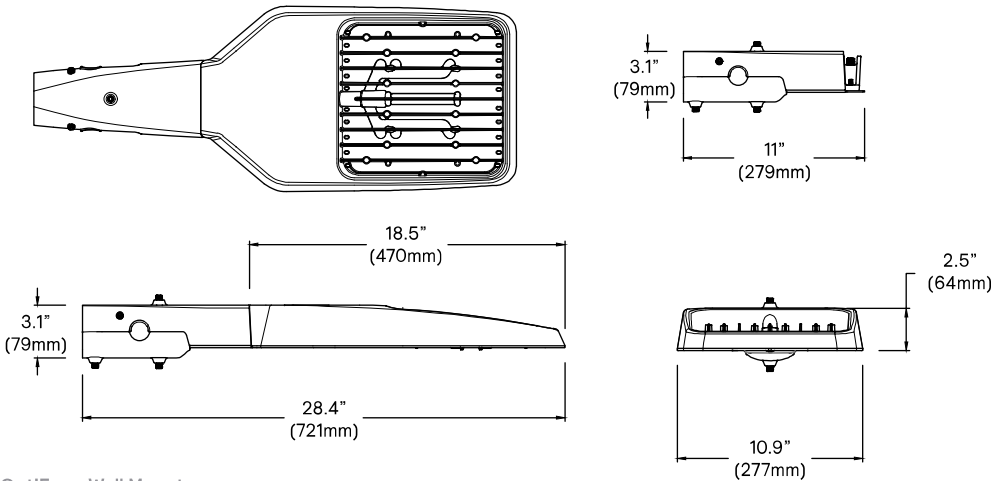
Weight: 11 lb (5.0 kg)

EPA: 0.2 ft² (0.018 m²)



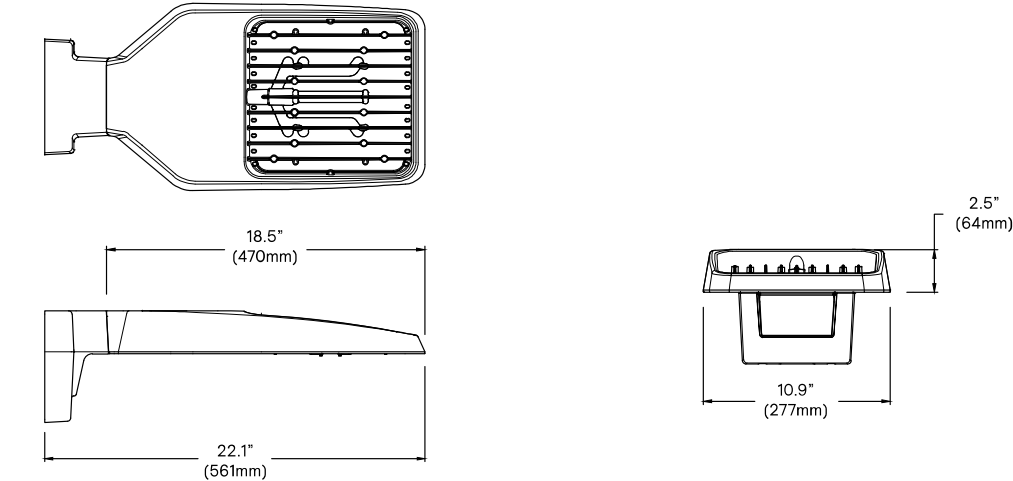
OptiForm Mast Arm

Weight: 12.6 lb (5.7 kg)



OptiForm Wall Mount

Weight: 11.5 lb (5.2 kg)



OPF-S OptiForm small

Site & area luminaire

Specifications

Housing

Housing and door constructed of low copper die cast Aluminum alloy (A360) with detachable arms for quick mounting. Heatsink is integral to the housing providing passive cooling of LEDs to maintain long LED life. Luminaire housing rated to IP65, LED Modules rated IP66 tested in accordance to Section 9 of IEC 60598-1.

Vibration resistance

OptiForm is tested and rated to standards set forth in ANSI C136.31-2018 Level 2 for Bridge and Overpass applications.

Light engine

Light engine comprises of a module of 40-LED aluminum metal clad board fully sealed with optics: Medium = 2 Modules with 80 LEDs, Large = 4 modules with 160 LEDs. Module is RoHS compliant. Color temperature as per ANSI/NEMA bin 2700 Kelvin nominal (2725 ±145K), 3000 Kelvin nominal (3045K +/- 175K) or 4000 Kelvin nominal (3985K +/- 275K), CRI 70 Min. 75 Typical. Other CCT/CRI also available, consult factory. LED light engine is rated IP66 in accordance to Section 9 of IEC 60598-1.

Energy saving benefits

System efficacy up to 182 lms/W with significant energy savings over Pulse Start Metal Halide luminaires. Optional control options provide added energy savings during unoccupied periods.

Optical systems

Site and Area optical distributions include Types 2 Medium, 3 Medium, 4 Medium, 4 Wide, 5 Narrow, 5 Medium, 5 Wide, and Auto Front Row. LEED Corner Left, LEED Corner Right, and Backlight Control distributions also available to provide excellent cutoff to meet the most stringent requirements at property lines. Optional internal shields mount to LED optics and are available with Type 2M, 3M, and 4M distributions. Types 2M and 3M can be rotated at 90° or 270° when specified, and are factory set only. Site and Area optics shall be performance tested per LM-79 and TM-15 (IESNA) certifying their photometric performance. Luminaire designed with 0% uplight (U0 per IESNA TM-15).

Precision Plus optical distributions include Types 2, 3, 4 and 5 and are designed to illuminate pedestrian scale applications by providing lower glare, while still achieving desired distribution, optimized spacing, and excellent uniformity. Optics are made of optical grade polymer refractor lenses and shall be performance tested per LM-63, LM-79 and TM-15 (IESNA) certifying their photometric performance. Luminaire designed with 0% uplight (U0 per IESNA TM-15).

Mounting

Standard luminaire arm mounts to square poles with knock-out on the arm to allow for mounting to 4" O.D. round poles. Standard arm casting can accommodate existing bolt spacing from 2" to 4-7/8". It is recommended to use the bolster plate kit OPF RMB when it's not a new installation or if the mounting holes are larger than 0.41" (10mm).

OptiForm features a Mast Arm for Mounting to 2-3/8x4" tenon as well as wall mount casting for exterior building mount applications.

Control options

Dimming Leads Externally Accessible (DLEA): Access to 0-10V dimming leads supplied through back of luminaire (for secondary dimming controls by others). Cannot be used with other control options.

Sensor Ready Zhaga Socket Connector (SRDR): Product is D4i Certified and equipped with Sensor Ready drivers connected to 4-pin Zhaga Book 18 compliant receptacle designed for sensor and other control system applications. Receptacle is rated IP66 assembly in a compact design that provides a sealed electrical interface and rated UV resistance, mounted on underside of the luminaire, protective dust cap included. When a controller not provided by Signify is used with Sensor Ready Zhaga socket connector, the controller must be certified to work with the Xitanium SR LED drivers as part of the SR certified program. SRDR can be used with NEMA 7-pin twist lock receptacle, which is mounted on top of the luminaire.

Automatic Profile Dimming (CS/CM/CE/CA): Standard dimming profiles provide flexibility towards energy savings goals while optimizing light levels during specific dark hours. Dimming profiles include two dimming settings including dim to 30% or 50% of the total lumen output. When used in combination with not programmed motion response it overrides the controller's schedule when motion is detected. After 5 minutes with no motion, it will return to the automatic dimming profile schedule. Automatic dimming profile scheduled with the following settings:

- **CS50/CS30:** Security for 7 hours night duration (Ex., 11 PM – 6 AM)
- **CM50/CM30:** Median for 8 hours night duration (Ex., 10 PM – 6 AM)

All above profiles are calculated from mid point of the night. Dimming is set for 6 hours after the mid point and 1 or 2 hours before depending of the duration of dimming. Cannot be used with other dimming control options

Field Adjustable Wattage Selector (FAWS): Luminaire equipped with the ability to manually adjust the wattage in the field to reduce total luminaire lumen output and light levels. Comes pre-set to the highest position lumen output selected. Use chart below to estimate reduction in lumen output desired. Cannot be used with other control options or motion response.

FAWS Position	Percent of Typical Lumen Output	FAWS Position	Percent of Typical Lumen Output
1	25%	6	80%
2	50%	7	85%
3	55%	8	90%
4	65%	9	95%
5	75%	10	100%

Note: Typical value accuracy +/- 5%

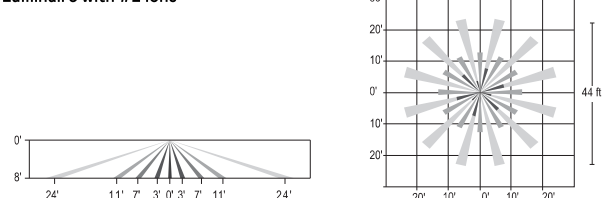
Motion response options

Bi-Level Infrared Motion Response (BL50): Motion Response module is mounted integral to luminaire factory pre-programmed to 50% dimming when not ordered with other control options. BL-IMRI is set/operates in the following fashion: The motion sensor is set to a constant 50%. When motion is detected by the PIR sensor, the luminaire returns to full power/light output. Dimming on low is factory set to 50% with 5 minutes default in "full power" prior to dimming back to low. When no motion is detected for 5 minutes, the motion response system reduces the wattage by 50%, to 50% of the normal constant wattage reducing the light level. Other dimming settings can be provided if different dimming levels are required (contact Technical Support for details).

Infrared Motion Response with Other Controls: When used in combination with other controls (Automatic Dimming Profile), motion response device will simply override controller's schedule with the added benefits of a combined dimming profile and sensor detection. In this configuration, the motion response device cannot be re-programmed with FSIR-100 Wireless Remote Programming Tool. The profile can only be re-programmed via the controller.

Infrared Motion Response Lenses (L2): Infrared Motion Response Integral module is available with two different sensor lens types to accommodate various mounting heights and occupancy detection ranges. Lens #2 (L2) is designed for mounting heights up to up to 8 ft with a 24' diameter coverage area. See charts for approximate detection patterns:

Luminaire with #2 lens



OPF-S OptiForm small

Site & area luminaire

Specifications (cont'd)

Electrical

Twist-Lock Receptacle (TR5/TR7): Twist Lock Receptacle with 5 pins enabling dimming or with 7 pins with additional functionality (by others) can be used with a twistlock photoelectric cell or a shorting cap. Dimming Receptacle Type B (5-pin) and Type D-24 (7-pin) in accordance to ANSI C136.41. Can be used with third-party control system. Receptacle located on top of luminaire housing. When specifying receptacle with twistlock photoelectric cell, voltage must be specified. When ordering 7-pin Twist-lock receptacle (TR7), all 7 pins are wired to respective pins with the Sensor Ready (SR) driver, and photocell or shorting cap is not included. When ordering a twist-lock receptacle with a photocell (TLP), the receptacle used is a 7-pin receptacle, with pins 6 and 7 connected to SR DALI driver. 0-10V dimming leads (pins 4 and 5) are connected if not ordered with any other dimming option.

Driver: Driver efficiency (>90% standard). 120-480V available (restrictions apply). Open/short circuit protection. All drivers are 0-10V dimming to 10% power standard, except when using Sensor Ready (SR) drivers, which uses DALI protocol (options CS50/CM50/CS30/CM30, SRDR, and TR7). Drivers are RoHS and FCC Title 47 CFR Part 15 compliant.

Button Photocontrol (PCB): Button style design for internal luminaires mounting applications. The photocontrol is constructed of a high impact UV stabilized polycarbonate housing. Rated voltage of 120V or 208-277V with a load rating of 1000 VA. The photocell will turn on with 1-4Fc of ambient light.

Surge protection (SP1/SP2): Surge protection device tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line-Ground, Line-Neutral and Neutral-Ground, and in accordance with DOE MSSLC Model Specification for LED Roadway Luminaires Appendix D Electrical Immunity High test level 10kV/10kA. 20kV / 10kA surge protection device that provides extra protection beyond the SP1 10kV/10kA level.

Buy American Act of 1933 (BAA):

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit www.signify.com/baa to view a current list of BAA-compliant products to confirm this product's current compliance.

Listings

UL/cUL wet location listed to the UL 1598 standard, suitable for use in ambient temperatures from -40° to 40°C (-40° to 104°F). All Optiform configurations are qualified under Design Lights Consortium Premium classification. Consult DLC Qualified Products list to confirm your specific luminaire selection is approved. CCTs 3000K and warmer are Dark Sky Approved.

Finish

Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors include bronze (BZ), black (BK), white (WH), dark gray (DGY), and medium gray (MGY). Consult Factory for specs on optional, custom colors, and marine grade paint.

Service Tag

Each individual luminaire is uniquely identifiable, thanks to the Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making installation and maintenance operations faster and easier, no matter what stage of the luminaire's lifetime. Just download the APP and register your product right away. For more details visit: signify.com

Warranty

OptiForm luminaires feature a 5-year limited warranty. See signify.com/warranties for complete details and exclusions.



ZIZZO FACADE RENOVATION

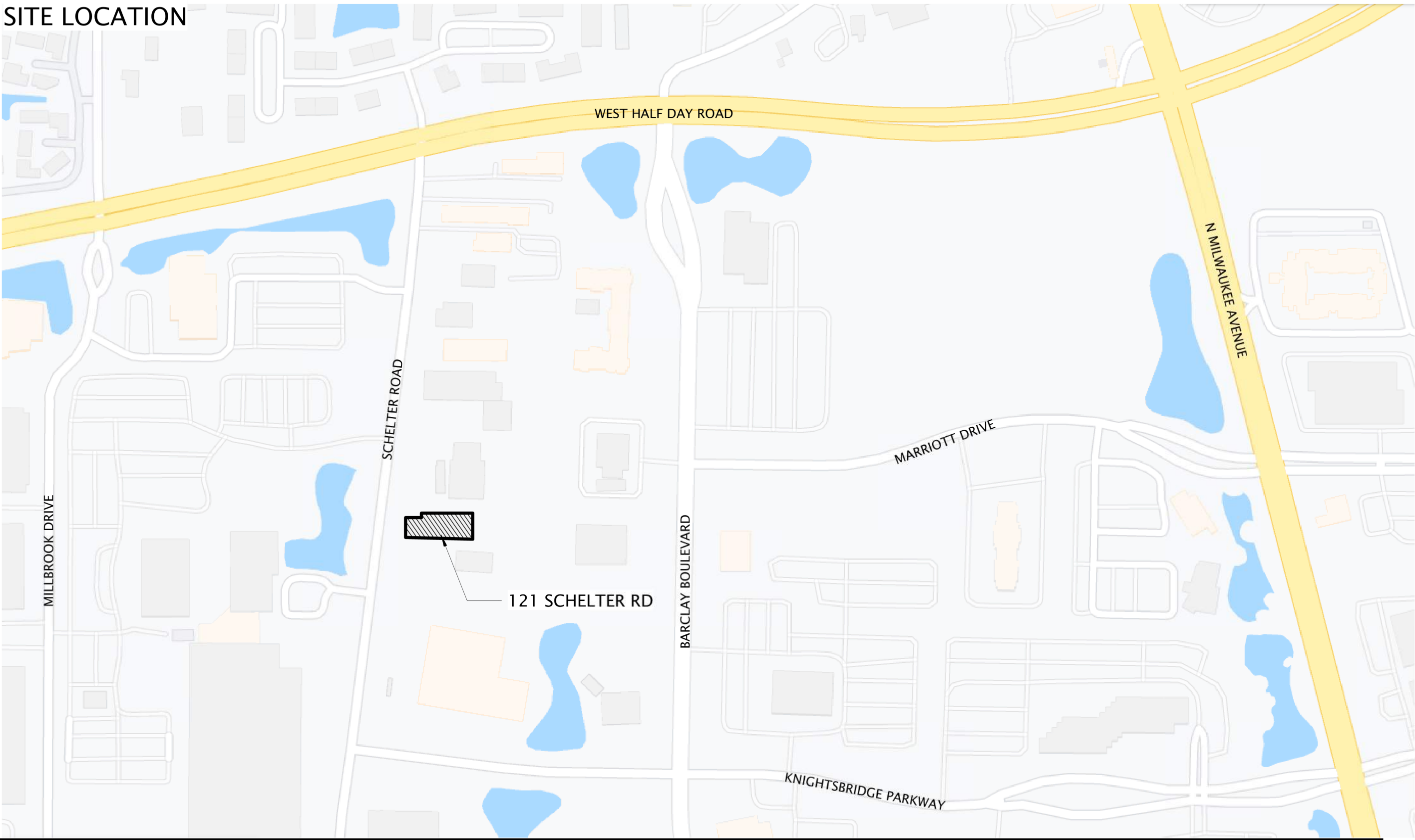
121 SCHELTER RD, LINCOLNSHIRE, IL 60069

ZIZZO AUTO BODY

SHEET LIST

G1.0	COVER
G2.0	GENERAL NOTES, LEGENDS, ABBREVIATIONS
S1.0	FOUNDATION AND FRAMING PLANS
S2.0	DETAILS
S3.0	GENERAL NOTES
AD1.0	DEMOLITION SITE PLAN
A1.0	PROPOSED SITE PLAN
A2.0	NORTH ELEVATION, SOUTH ELEVATION
A2.1	WEST ELEVATION, EXTERIOR NOTES, EXTERIOR LIGHTING SCHEDULE, EXTERIOR FINISH SCHEDULE
A2.2	LANDSCAPING PLAN, GROUND SIGN DETAILS
A3.0	RAINSCREEN TOWER AT MASONRY BUILDING
A3.1	PORTAL AT NEW OVERHEAD DOOR
A3.2	RAINSCREEN TOWER AT PREMANUFACTURED BUILDING

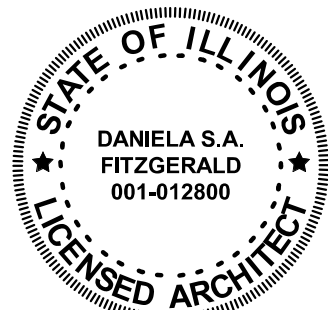
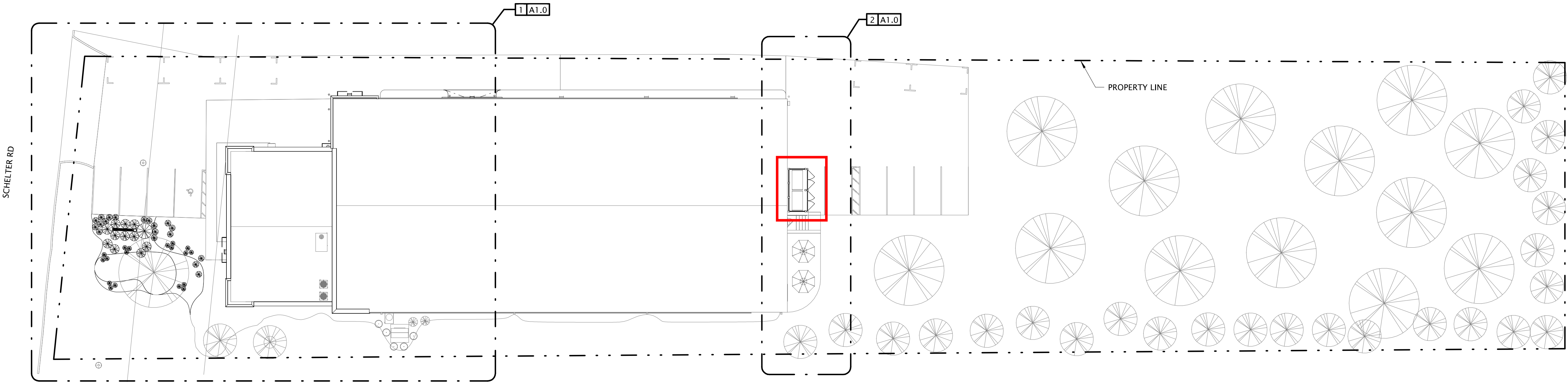
SITE LOCATION



BUILDING CODE SUMMARY

APPLICABLE CODES	PROJECT INFORMATION
2018 INTERNATIONAL BUILDING CODE 2018 INTERNATIONAL FIRE CODE 2017 NATIONAL ELECTRICAL CODE 2018 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL FUEL GAS CODE 2018 INTERNATIONAL ENERGY CONSERVATION CODE 2018 ILLINOIS PLUMBING CODE 2018 STATE OF ILLINOIS ACCESSIBILITY CODE VILLAGE OF LINCOLNSHIRE MUNICIPAL CODE	BUILDING CONSTRUCTION TYPE- IIB CLASSIFICATION OF OCCUPANCY: B
PROJECT SCOPE	BUILDING DESCRIPTION
ADDITION OF A NEW OVERHEAD DOOR AND RAINSCREEN SYSTEM TO THE EXTERIOR FACADE OF 121 SCHELTER ROAD, AN EXISTING 1 STORY BUILDING ALONG WITH LANDSCAPING AND THE ADDITION OF A NEW MONUMENT AND WALL SIGN. SCOPE INCLUDES ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL WORK. NO MECHANICAL OR PLUMBING WORK TO BE PERFORMED. CURRENT USE: B (BUSINESS), PROPOSED USE: B (BUSINESS)	FIRST LEVEL= 12,453 SF MEZZANINE= 1,034 SF (DOES NOT COUNT TOWARDS AREA PER 505.2) TOTAL GROSS BUILDING AREA= 12,453 SF (EXISTING) HEIGHT OF BUILDING= EXISTING (1 STORIES) ALLOWABLE AREA AND HEIGHT (PER TABLE 504) FOR TYPE 2B, B OCCUPANCY: 23,000 SQFT TOTAL GROSS; 3 STORIES, 55 FEET

SITE PLAN



EXP. DATE 11-30-2022
I HEREBY CERTIFY THAT THESE DRAWINGS WERE PREPARED UNDER MY DIRECT SUPERVISION AND DO, TO THE BEST OF MY KNOWLEDGE, COMPLY WITH ALL LAWS AND ORDINANCES OF THE VILLAGE OF LINCOLNSHIRE.
ARCHITECT: DANIELA S.A. FITZGERALD DATE: 2/28/2022

ZIZZO AUTO BODY
ZIZZO FACADE
121 SCHELTER RD,
LINCOLNSHIRE, IL 60069

THESE DRAWINGS ARE PROTECTED BY COPYRIGHT AND MAY NOT BE USED WITHOUT THE EXPRESSED WRITTEN CONSENT OF FITZGERALD ARCHITECTURE, PLANNING, DESIGN.

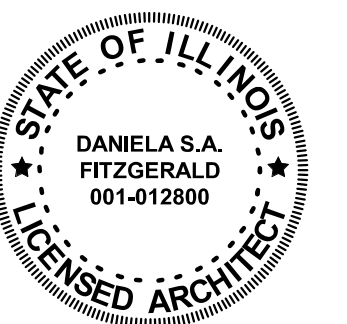
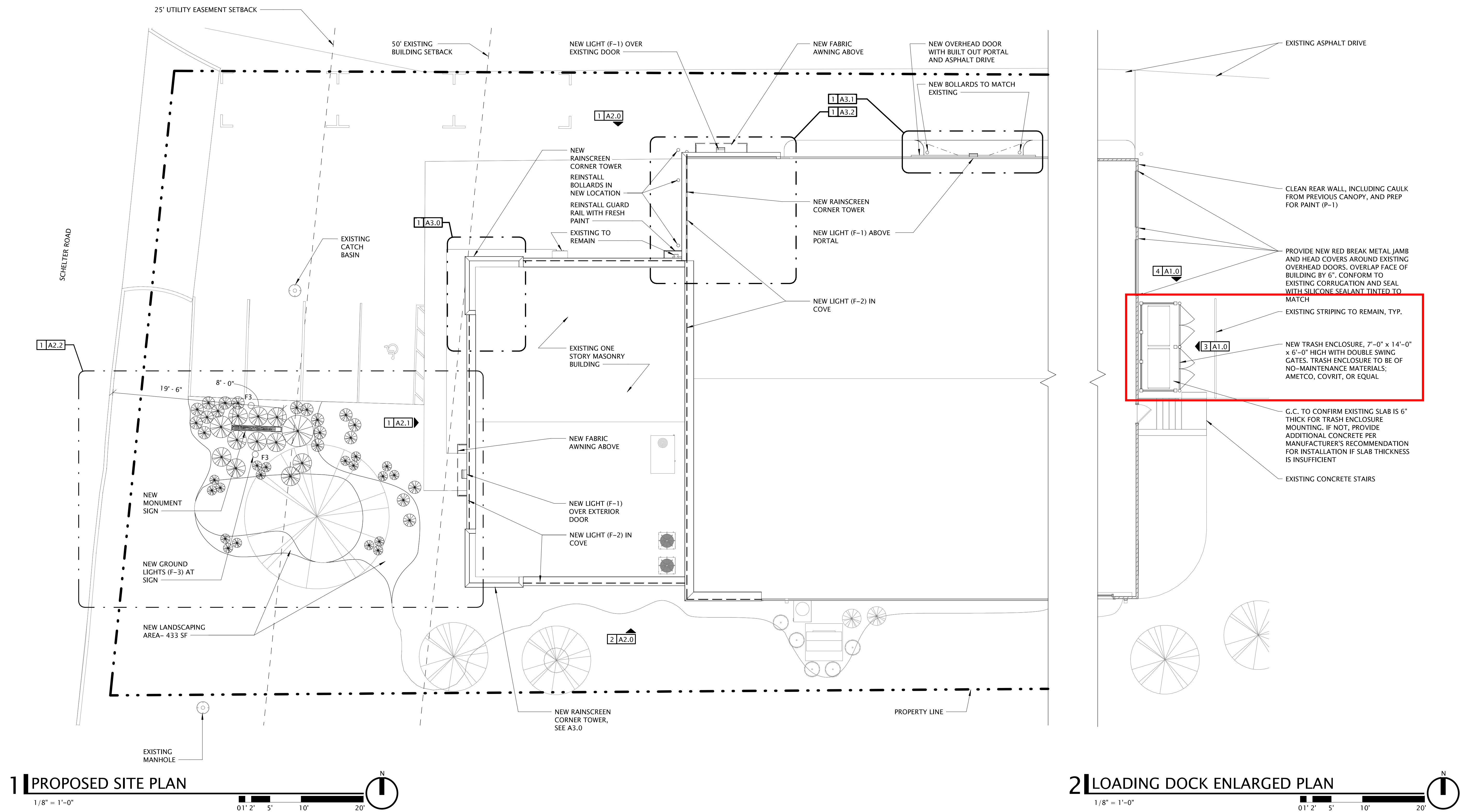
REV	DATE	ISSUED FOR:
	2/25/2022	BID/PERMIT

COVER

DRAWN BY: CF REVIEWED BY: MK

PROJECT #: 21117.00

G1.0



**ZIZZO AUTO BODY
ZIZZO FACADE**
121 SCHELTER RD,
LINCOLNSHIRE, IL 60069

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REV	DATE	ISSUED FOR:
	2/25/2022	BID/PERMIT

PROPOSED SITE PLAN

DRAWN BY: CF REVIEWED BY: MK

PROJECT #: 21117.00

A1.0

ATAS International Inc
Standard Color:
"Brite Red"



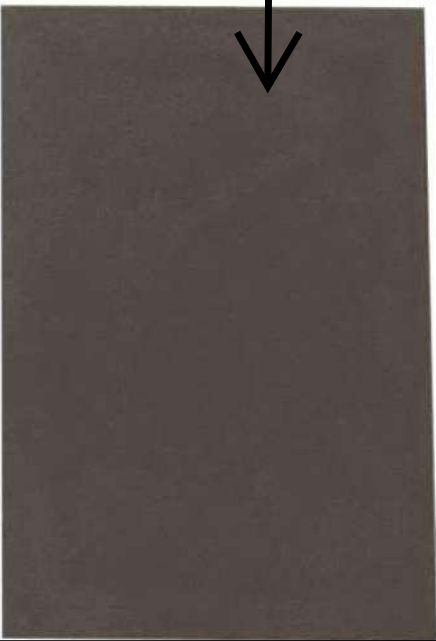
RED FOR ACCENT METAL
PANELS AROUND DOOR
OPENINGS

GREY METALLIC FINISH FOR
TRASH ENCLOSURE PANELS



ATAS International Inc
Standard Color: "Champagne"

DARK GREY FOR TRASH
ENCLOSURE FRAME



ATAS International Inc
Standard Color: "Anchor Grey"





121 Schelter Rd Parking Lot
Current rear yard















121 Schelter Rd Parking Lot
Current rear yard





121 Schelter Rd Parking Lot
Current rear yard



121 Schelter Rd Parking Lot
Current rear yard















**121 Schelter Rd Parking Lot
Current rear yard**











































VILLAGE OF LINCOLNSHIRE

MINUTES COMMITTEE OF THE WHOLE MEETING April 27, 2026

Present:

Mayor Brandt
~~Trustee Kelly~~
Trustee Munger

Trustee Raizin
Village Attorney Simon
~~Chief of Police Leonas~~
~~Public Works Director Woodbury~~

Planning & Development Manager
Zozulya

Trustee Grujanac
~~Trustee Mitchell~~
Trustee Pantelis

~~Village Clerk Mastandrea~~
Village Manager Burke
~~Village Treasurer/Finance Director Rossi~~
Assistant Village Manager/CED Director
Davies

1.0 ROLL CALL

Mayor Brandt called the meeting to order at 7:30 p.m., and Deputy Village Clerk Burke called the roll.

2.0 ITEMS OF GENERAL BUSINESS

2.1 Planning, Zoning, and Land Use

2.11 Consideration of an Ordinance Granting a Special Use Permit for a Public Recreation Facility and Assembly Use (970 Milwaukee Avenue – Playroom Café)

Planning & Development Manager Zozulya provided a summary of an Ordinance granting a Special Use Permit for a public recreation facility and Assembly Use for Playroom Café previously reviewed by the Village Board and referred to the Zoning Board. The Zoning Board did not have any concerns, and staff did not receive any public input, concerns, or questions for the public hearing related to the petitioner's request. The presentation tonight is identical to what was presented at the initial Village Board consideration of this request. The buildout permit has been applied for, and the project is on schedule for the desired timeline to be up and running this October.

Trustee Raizin informed the petitioner of Boo Bash taking place in October and noted many of the community organizations and businesses get involved and suggested they attend.

It was the consensus of the Board to place this item on the Consent Agenda for approval at the next Regular Village Board meeting.

2.12 Consideration of Pre-Application Review Regarding a Parking Setback Variance from Section 6-11-2(b)(3)(a) of the Lincolnshire Village Code (TZ Properties LLC – 121 Schelter Road)

Planning & Development Manager Zozulya provided a summary of the pre-application review regarding a parking setback variance from 6-11-2(b)(3)(a) of the Lincolnshire Village Code for TZ Properties, LLC. Planning & Development Manager Zozulya noted in 2023, TZ Properties came before the Board requesting several variances for the building, parking, and ground mounted equipment to be able to build roughly a 7,000 square foot building addition. The variance was approved at the time. Unfortunately, the zoning approvals lapsed, and TZ Properties came back to seek a one-year extension. The zoning approval extension has also run out. Since receiving the original approvals, TZ Properties completed additional cost engineering analysis and determined a building addition is not in the best interest of the company. TZ Properties determined they would be best suited by expanding the parking lot in the rear of the building. The current request is to add 25 new parking spaces for a total of 29 which exceeds code requirements. The variance before the Village Board is to reduce the code required setback from eight feet to one foot to be in alignment with the current driveway configuration to allow trucks to easily maneuver. TZ Properties' petitioner requires Architectural Review Board design review and approval due to proposed site plan changes and also requires the Zoning Board hold a public hearing to consider the requested variance.

It was the consensus of the Board to refer this to the Architectural Review Board then to the Zoning Board for Public Hearing.

2.13 Consideration Amendments to the Lincolnshire Village Code, Title 5, Chapter 4 Adopting the 2024 International Code Council Series of Model Codes, 2023 National Electric Code, Applicable State Codes, and Local Amendments with an effective date of July 1, 2026 (Village of Lincolnshire)

Assistant Village Manager/Community & Economic Development (CED) Director Davies provided a summary of proposed amendments to the Lincolnshire Village Code, Title 5, Chapter 4 adopting the 2024 International Code Council Series of Model Codes, 2023 National Electric Code, applicable state codes, and local amendments with an effective date of July 1, 2026 noting the Village is currently on the 2018 code cycle. Adoption of the 2024 edition would bring Lincolnshire to the most current standards. Assistant Village Manager/CED Director Davies noted most of the redlined changes are administrative, while key local amendments include requiring metallic raceway systems and prohibiting non-metallic wiring such as Romex for life safety and fire protection, and requiring certain multi-tenant commercial buildings to have visual exterior fire alarms, as well as a sprinkler control valve and water-flow switch tied into the fire alarm system.

Trustee Raizin asked if the fire safety code changes only applies to multi-tenant buildings or will it affect individual single-family homes. Assistant Village Manager/CED Director Davies stated the code changes reference for fire safety will not apply to single-family residential construction.