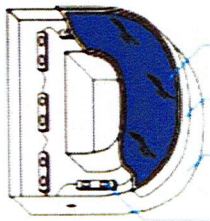
The Great Greek	Date: 06.13.2024	Job Name: Waukesha, WI Khurram - Channel Letter	
	Revised Date: 00.00.2024	Version: 00	Contact Person: --

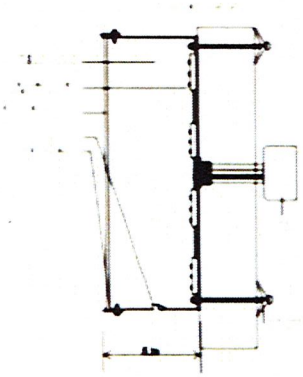
Site Address: 21481 E. Moreland Blvd. Waukesha, WI 53186

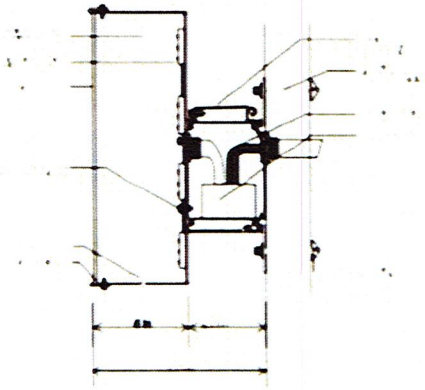
Bloomingdale / Glendale Hts.
Signarama
The way to grow your business.
(630) 351-8400
399 Wall Street, Unit J
Glendale Heights, IL 60139
signs@signarama-bloomingdale.com

Sales Person: Aaron Grochowski	Designer: AG	PAGE: 1 OF 1
Link to File (Office Use Only): Customers\The Great Greek Canton Mi\TGG Waukesha, WI Khurram		

The Great Greek	Date: 06.13.2024	Job Name: Waukesha, WI Khurram - Channel Letter	
	Revised Date: 00.00.2024	Version: 00	Contact Person: --







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Sales Person: Aaron Grochowski	Designer: AG	PAGE: 1 OF 1
Link to File (Office Use Only): Customers\The Great Greek Canton MI\TGG Waukesha, WI Khurram		

The Great Greek	Date: 06.13.2024	Job Name: Waukesha, WI Khurram - Channel Letter	
	Revised Date: 00.00.2024	Version: 00	Contact Person: --

227"

24"

THE GREAT GREEK

48"

THE GREAT GREEK
Mediterranean Grill

Site Address: 21481 E. Moreland Blvd. Waukesha, WI 53186

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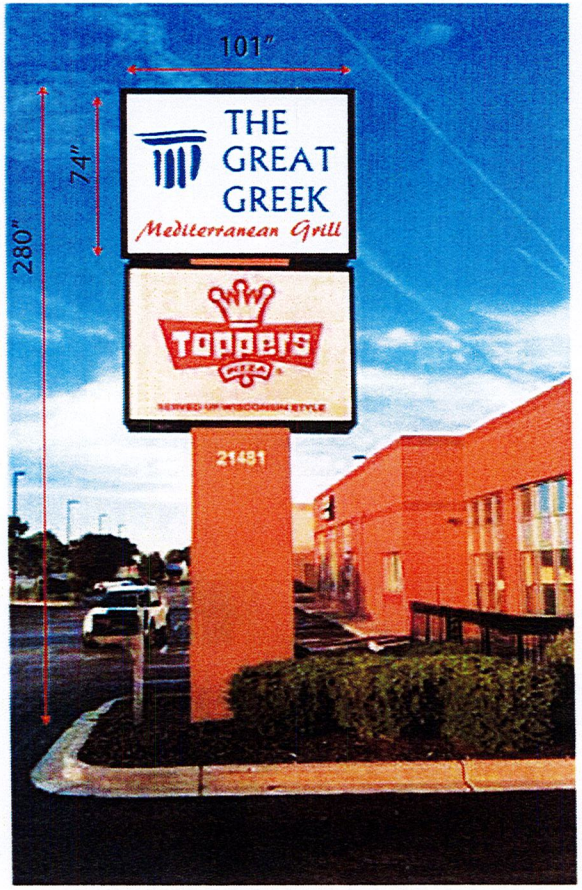
Sales Person: Aaron Grochowski	Designer: AG	PAGE: 1 OF 1
Link to File (Office Use Only): Customers\The Great Greek Canton MI\TGG Waukesha, WI Khurram		

The Great Greek	Date: 06.13.2024	Job Name: Waukesha, WI Khurram - Channel Letter	
	Revised Date: 00.00.2024	Version: 00	Contact Person: --

74" x 101" Top Light Box Size - Double Sided (Reface Only)



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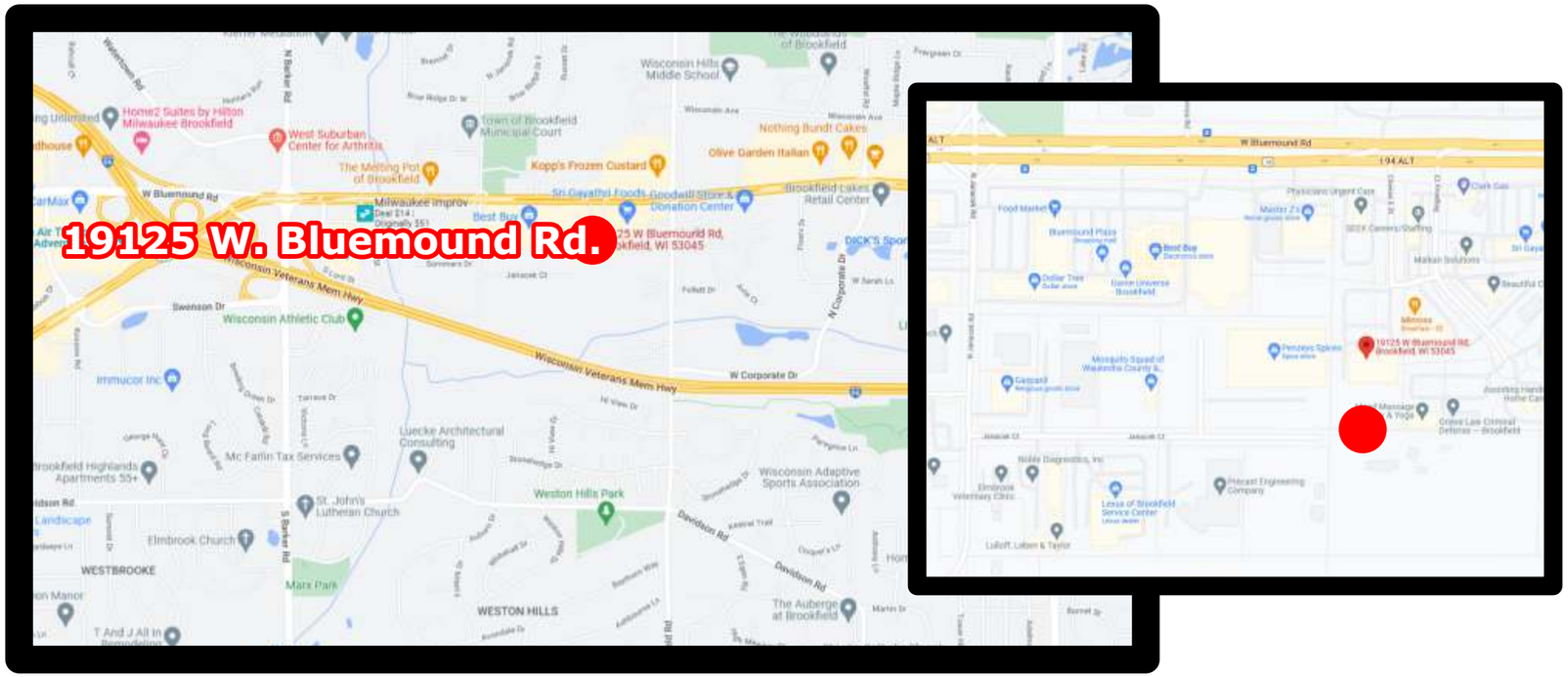
Sales Person: Aaron Grochowski	Designer: AG	PAGE:
Link to File (Office Use Only): Customers\The Great Greek Canton Mi\TGG Waukesha, WI Khurram		

CHUCK E. CHEESE



#841 - Exterior - Brookfield, WI

CUSTOMER APPROVAL

APPROVED BY: _____ DATE: ____ / ____ / _____

REVISIONS

1	09-06-2022/BB: Revised Sign B (CLs); Revised pylon info as per survey
2	12-12-2023/BB: Revised SOW on Pylon (Sign C); Revised Sign E to new standards; Revised Proposed elevation
3	
4	
5	
6	
7	
8	
9	
10	

CHUCK E. CHEESE

Proposal Drawing
Final Drawing

Client: Chuck E Cheese 841
Location: 19125 W. Bluemound Rd., Brookfield, WI
Sales: House Account
PM: Steven Munson
Date: 08/03/2022
Design: Bruce Bowers
File Name: 22-2366 CEC 841 Exterior - Brookfield, WI R2
FINAL (P)
Proposal #: 68955
Job #: **22-2366**

Comet SIGNS

License #: 18010

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(713) 943-1831

Austin (Custom Sign Creations)
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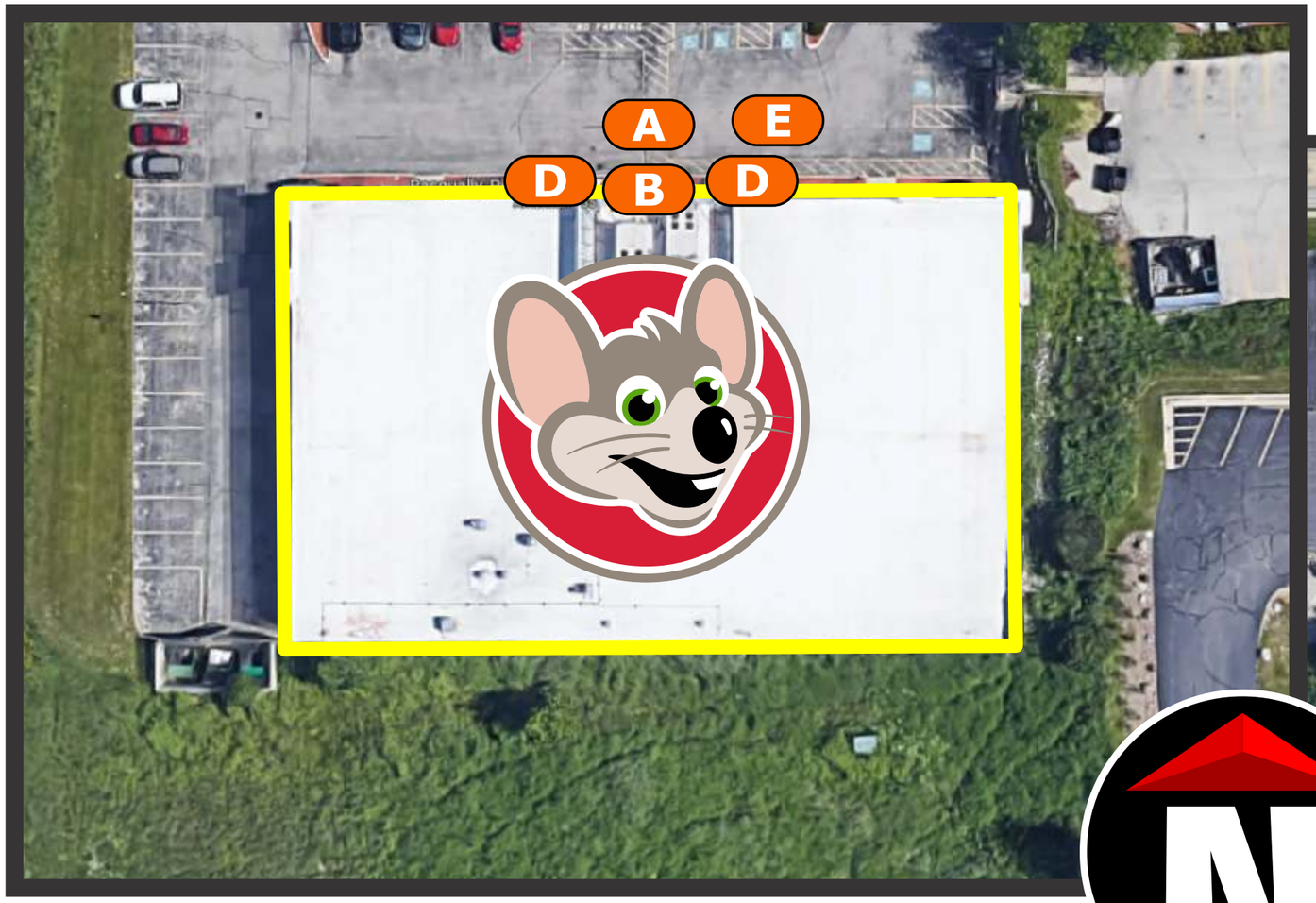
Austin, TX 78753
(512) 374-9300

Tyler (Design Center Signs)
2971 Elkton Trail
Tyler, TX 75703
(903) 561-4995



SITE PLAN

CHUCK E. CHEESE

Proposal Drawing
Final Drawing

Client: Chuck E Cheese 841
Location: 19125 W. Bluemound Rd., Brookfield, WI
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NORTH (Front) Elevation - Existing

This photo rendering is shown for presentation purposes only

SCOPE OF WORK

- Remove existing signage
- Cap electrical connections
- Discard existing take downs

NOTE: PATCH AND PAINT WORK ON THIS ELEVATION TO BE PERFORMED BY OTHERS

CHUCK E. CHEESE

Proposal Drawing
Final Drawing

Client: Chuck E Cheese 841
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Design: Bruce Bowers
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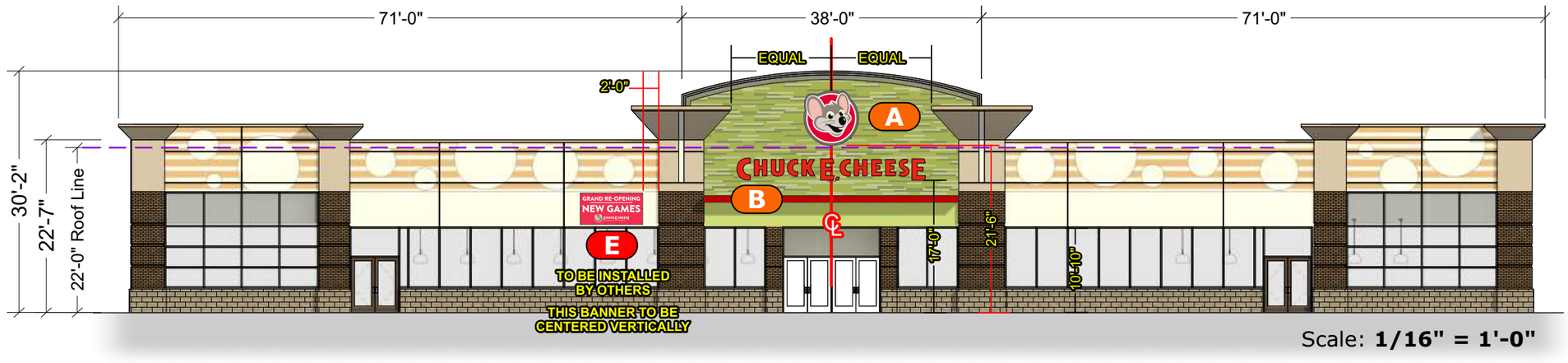
NORTH (Front) Elevation - Proposed

This rendering is shown for presentation purposes only



Scale: **1/16" = 1'-0"**

SCOPE OF WORK

- Install new proposed signage
- Connect to existing electrical
- New temporary banner to be installed by others

Sign Code: Multi-use structure Signs shall not exceed one-quarter (.25) square foot for each one (1) foot in width per front foot per individual use.

CHUCK E. CHEESE

Proposal Drawing
Final Drawing

Client: Chuck E Cheese 841
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Date: 08/03/2022
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Pylon - Existing and Proposed

These photo renderings are shown for presentation purposes only

SURVEY OF BOTH FACES AND CABINETS AND ACCURATE TRACING OF UPPER FACE WILL REQUIRED PRIOR TO PRODUCTION

C

SCOPE OF WORK

- Remove cabinet only

SCOPE OF WORK

- Install new faces w/ first surface applied direct printed graphics
- Make any necessary repairs to cabinets and retainers
- Prep and paint cabinets and skirting

CHUCK E. CHEESE

Proposal Drawing
Final Drawing

Client: Chuck E Cheese 841
Location: 19125 W. Bluemound Rd., Brookfield, WI
Sales: House Account
PM: Steven Munson
Date: 08/03/2022
Design: Bruce Bowers
File Name: 22-2366 CEC 841
Exterior - Brookfield, WI R2
FINAL (P)
Proposal #: 68955
Job #: **22-2366**

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License #: 18010

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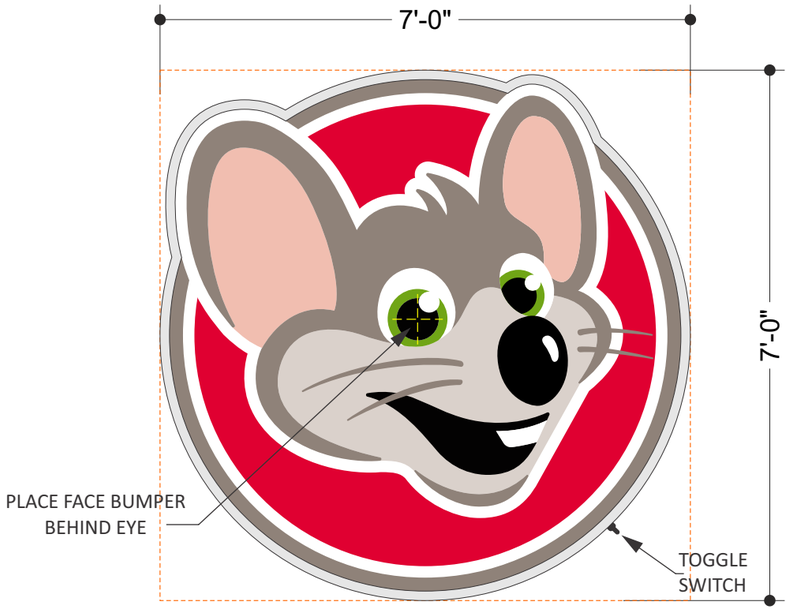
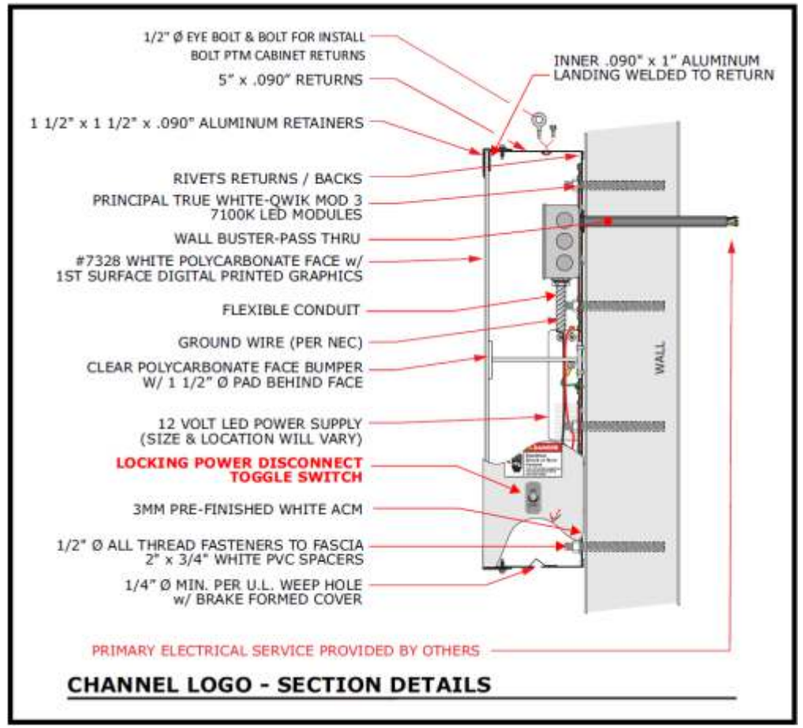
AP-02 - EXTERIOR LOGO SIGNAGE - STACKED VERSION



49.00
SQUARE FEET
SQUARE AREA CALCULATION

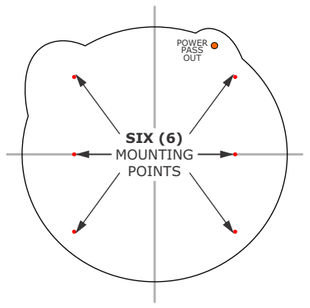


CHANNEL LOGO - SECTION DETAILS

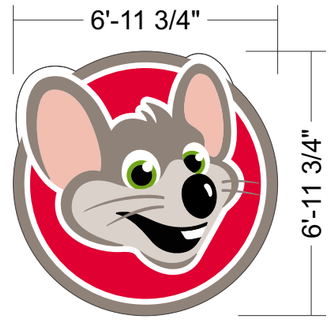
A FACE LIT LOGO CABINET

ONE (1) Required Scale: **1/2"=1'-0"**

- **Face:** .177" #7328 White polycarbonate w/ 1st surface direct digital print & UV laminate
- **Retainers:** 1 1/2" x 1 1/2" x .090" Aluminum angle retainers
- **Returns:** .090" x 5" deep aluminum returns w/ landing
- **Landing/Inner retainer:** .090" x 1" alum welded to return
- **Face Bumper:** .177" Fabricate Clear Polycarbonate pad, stand, & base. Pop-rivet to back
- **Illumination:** Principal QM3 7100K white LEDs & 12V power supplies
- **Backs:** Pre-finished white 3mm ACM
- **Paint:** Returns & retainers painted Wrisco Silver Metallic Platinum



7'-0" LOGO MOUNTING POINTS and POWER
Scale: **1/4"=1'-0"**



7'-0" LOGO FACE ART
Scale: **1/4"=1'-0"**

COLOR SCHEDULE:

- PMS WHITE
- PMS 199
- PMS WARM GRAY 8
- PMS WARM GRAY 1
- PMS 369
- PMS 7520
- SILVER METALLIC PLATINUM

WIND LOAD: **000 MPH**

NOTE: SEE PAGE 8 FOR LED MODULE LAYOUT

CHUCK E. CHEESE

Proposal Drawing
Final Drawing

Client: Chuck E Cheese 841
Location: 19125 W. Bluemound Rd., Brookfield, WI
Sales: House Account
PM: Steven Munson
Date: 08/03/2022
Design: Bruce Bowers
File Name: 22-2366 CEC 841 Exterior - Brookfield, WI R2
FINAL (P)
Proposal #: 68955
Job #: **22-2366**

Comet SIGNS

License #: 18010

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(903) 561-4995

AP-02 - EXTERIOR LOGO SIGNAGE - LED MODULE LAYOUT

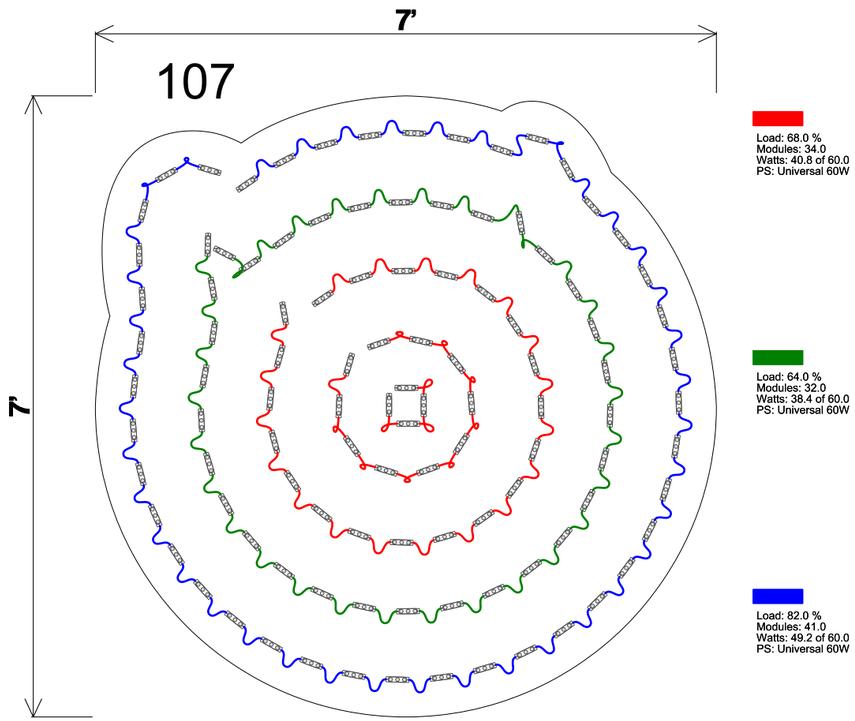
REV.	
1.	

NOTE:

MAX MODS PER SERIES: 25
MAX MODS PER PS: 50

PRINCIPAL LED
3490 Venture Dr.
San Angelo, Tx.
76905
Ph. 1-325-227-4577
FAX 1-325-227-6841
www.p-led.com

TITLE			
Chuck E Cheese - 117633			
DATE: 12 May 2022	DRAWN BY: Willey Jessica	AMP DRAW: 3.30 A	
SIGN HEIGHT 84in x 84in	SIGN DEPTH 5in w 2in Standoff	FACE MATERIAL: Poly	LIGHTING: Face/Halo



ELECTRICAL

- CIRCUITS: **ONE (1)**
- VOLTAGE: **120v**
- CIRCUIT BREAKER AMP: **20 AMPS**
- DRAW: **3.3 AMPS**

ESTIMATED PRODUCT PER SIGN		CAUTION: THIS LAYOUT IS ONLY AN ESTIMATE.
(107) Qwik Mod 3 Modules (UL#: PL-QM3-TW200-P, SKU#: M-QMTX0-71)	(3) pcs Universal 60W Driver(s) (UL#: PL-60-12-U, SKU#: P-OH060-12-PL)	Channel letter depth, face color, material, and thickness can vary which may effect the number of modules required. To ensure accuracy, it is recommended that you test light in a darkened environment prior to installing or shipping to the site to ensure the light output is commercially acceptable. Final material estimates are the responsibility of the sign manufacturer. Unless noted in header, Layout is based on the use of acrylic face material.

CHUCK E. CHEESE

Proposal Drawing
Final Drawing

Client: Chuck E Cheese 841
Location: 19125 W. Bluemound Rd., Brookfield, WI
Sales: House Account
PM: Steven Munson
Date: 08/03/2022
Design: Bruce Bowers
File Name: 22-2366 CEC 841 Exterior - Brookfield, WI R2
FINAL (P)
Proposal #: 68955
Job #: **22-2366**

Comet SIGNS
License #: 18010

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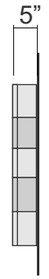
Tyler, TX 75703
(903) 561-4995

68.70
SQUARE FEET
SQUARE AREA CALCULATION

FRONT VIEW

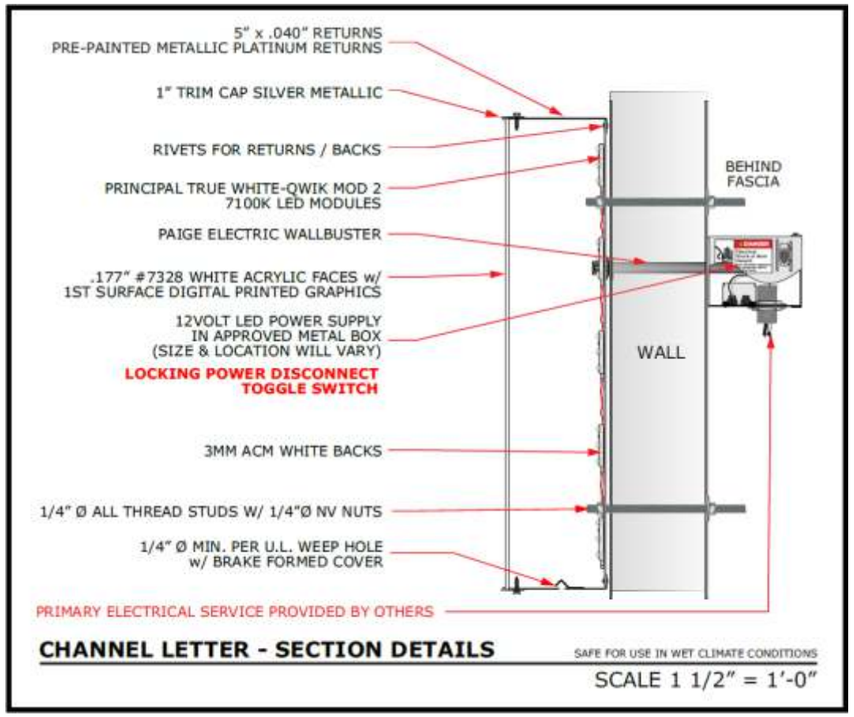


END VIEW

B FACE LIT CHANNEL LETTERS

ONE (1) Set Required Scale: **3/8"=1'-0"**

- **Face:** .177" #7328 White Acrylic w/ 1st surface direct digital print & laminate
- **Trim Cap:** 1" Metallic Silver trim cap
- **Returns:** .040" x 5" deep aluminum returns Pre-finished Silver Metallic Platinum
- **Illumination:** Principal QM2 7100K white LEDs & 12V power supplies
- **Backs:** 3mm ACM pre-finished white backs



COLOR SCHEDULE:

- ○ White
- ● PMS 199
- ◍ Silver Metallic Platinum
- ◍ Metallic Silver

WIND LOAD: **000 MPH**

NOTE: SEE PAGE 10 FOR LED MODULE LAYOUT

CHUCK E. CHEESE

Proposal Drawing
Final Drawing

Client: Chuck E Cheese 841
Location: 19125 W. Bluemound Rd., Brookfield, WI
Sales: House Account
PM: Steven Munson
Date: 08/03/2022
Design: Bruce Bowers
File Name: 22-2366 CEC 841 Exterior - Brookfield, WI R2
FINAL (P)
Proposal #: 68955
Job #: **22-2366**

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Tyler, TX 75703
(903) 561-4995

AP-04 - EXTERIOR WORDMARK SIGNAGE - LED LAYOUT

ELECTRICAL
- CIRCUITS: **ONE (1)**
- VOLTAGE: **120v**
- CIRCUIT BREAKER AMP: **20 AMPS**
- DRAW: 3.3 **AMPS**

REV.	
1.	

NOTE:

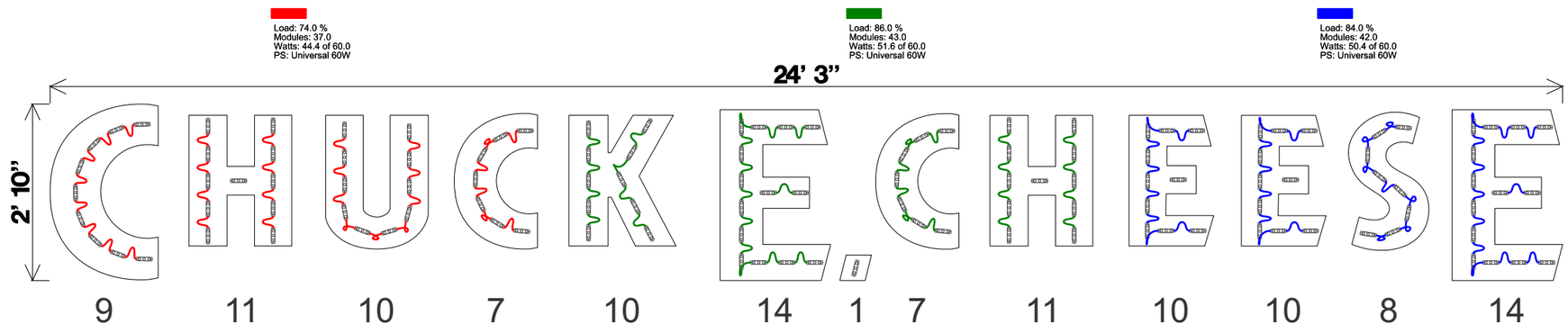
MAX MODS PER SERIES: 25
MAX MODS PER PS: 50

PRINCIPAL LED
3490 Venture Dr.
San Angelo, Tx.
76905
Ph. 1-325-227-4577
FAX 1-325-227-6841
www.p-led.com

TITLE

Chuck E Cheese - 117633

DATE: 12 May 2022	DRAWN BY: Willey Jessica	AMP DRAW: 3.30 A	
SIGN HEIGHT 34in O.A.	SIGN DEPTH 5in w/ 2in Standoff	FACE MATERIAL: Acrylic w/ Vinyl	LIGHTING: Face/Halo



ESTIMATED PRODUCT PER SIGN		CAUTION: THIS LAYOUT IS ONLY AN ESTIMATE.
(122) Qwik Mod 3 Modules (UL#: PL-QM3-TW200-P, SKU#: M-QMTX0-71)	(3) pcs Universal 60W Driver(s) (UL#: PL-60-12-U, SKU#: P-OH060-12-PL)	Channel letter depth, face color, material, and thickness can vary which may effect the number of modules required. To ensure accuracy, it is recommended that you test light in a darkened environment prior to installing or shipping to the site to ensure the light output is commercially acceptable. Final material estimates are the responsibility of the sign manufacturer. Unless noted in header, Layout is based on the use of acrylic face material.

CHUCK E. CHEESE

Proposal Drawing
Final Drawing

Client: Chuck E Cheese 841
Location: 19125 W. Bluemound Rd., Brookfield, WI
Sales: House Account
PM: Steven Munson
Date: 08/03/2022
Design: Bruce Bowers
File Name: 22-2366 CEC 841 Exterior - Brookfield, WI R2
FINAL (P)
Proposal #: 68955
Job #: **22-2366**

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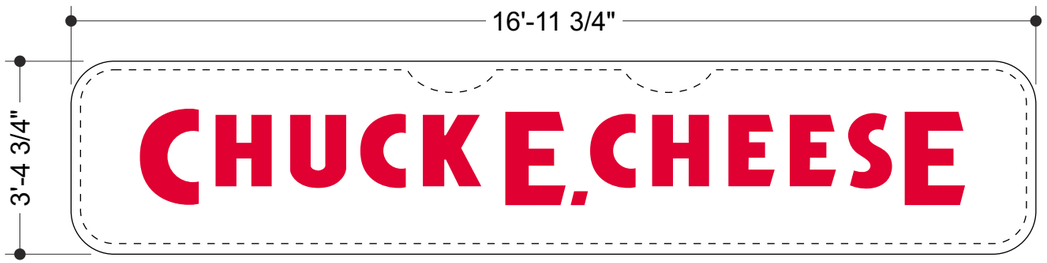
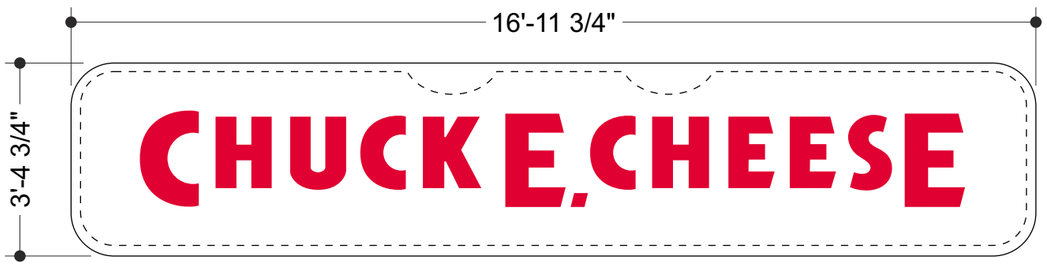
SIDE A

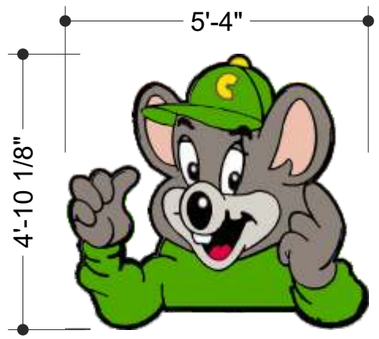


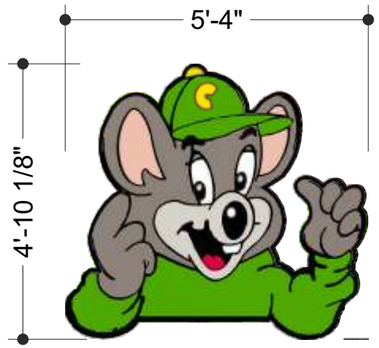
TRIM FACES TO MATCH ON LOCATION

SIDE B



TRIM FACES TO MATCH ON LOCATION





C REPLACEMENT FACES

TWO (2) Required Scale: **3/8"=1'-0"**

SCOPE OF WORK FOR FACES

- Remove and discard existing faces
- Manufacture and install new white polycarbonate faces w/ direct printed graphics

SCOPE OF WORK FOR CABINETS AND POLE STRUCTURE

- Make any necessary repairs to existing cabinets and retainers as required
- Repaint upper cabinet and retainers Black
- Repaint lower cabinet, retainers, and skirting to match Citgo Silver (SW7663 Monorail Silver)
- Reletter address on skirting (if required)

COLOR SCHEDULE:

- PMS **OPAQUE WHITE**
- PMS **199 RED ILLUMINATED LETTERS**
- PMS WARM GRAY 8
- PMS WARM GRAY 1
- PMS 369
- PMS 7520

- BLACK
- CITGO SILVER
  (SW7663 Monorail Silver)

CHUCK E. CHEESE

Proposal Drawing
Final Drawing

Client: Chuck E Cheese 841
Location: 19125 W. Bluemound Rd., Brookfield, WI
Sales: House Account
PM: Steven Munson
Date: 08/03/2022
Design: Bruce Bowers
File Name: 22-2366 CEC 841 Exterior - Brookfield, WI R2
FINAL (P)
Proposal #: 68955
Job #: **22-2366**

Comet SIGNS
License #: 18010

Corporate Office
5003 Stout Drive
San Antonio, TX 78219
(210) 341-7244

Dallas
2703 Mockingbird Lane
Dallas, TX 75235
(972) 870-1594

Houston (State Sign)
7630 Hansen Road
Houston, TX 77061
(713) 943-1831

Austin (Custom Sign Creations)
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Austin, TX 78753
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Tyler, TX 75703
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SILGAN CROSSROADS REMODEL

REMODEL & NEW ADDITION(S)

21027 CROSSROADS CIRCLE
WAUKESHA, WISCONSIN 53186

PROJECT INFORMATION

CODE SUMMARY AND BUILDING INFORMATION

APPLICABLE CODES AND STANDARDS

BUILDING CODE:	2015	INTERNATIONAL BUILDING CODE (IBC)
PLUMBING CODE:	2015	WISCONSIN PLUMBING CODE (SPS 380 TO 387
MECHANICAL CODE:	2015	INTERNATIONAL MECHANICAL CODE (IMC)
ENGERGY CODE:	2015	INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
ELECTRICAL CODE:	2017	NATIONAL ELECTRICAL CODE (NEC)
FIRE CODE:	2018	INTERNATIONAL FIRE CODE (IFC)
ACCESSIBILITY CODE:	2009	ANSI A117.1
DESIGN GUIDE:		INCLUDES WISCONSIN AMENDMENTS

PROJECT DESCRIPTION

AN INTERIOR REMODEL OF AN EXISTING 117,909 SF TWO STORY OFFICE BUILDING, INCLUDING CONSTRUCTION OF A NEW 35' X 117' WAREHOUSE ADDITION, NEW 23' X 22' BOILER ROOM ADDITION, AND NEW DUMPSTER ENCLOSURE, LOCATED IN THE CROSSROADS CORPORATE PARK IN THE TOWN OF BROOKFIELD, WI.

PROJECT AREA

FIRST FLOOR	DUMPSTER ENCLOSURE	407 SF
FIRST FLOOR	BOILER ROOM ADDITION	484 SF
FIRST FLOOR	WAREHOUSE ADDITION	4,088 SF
FIRST FLOOR	EXISTING BUILDING	63,879 SF
SECOND FLOOR	EXISTING BUILDING	54,050 SF
PROJECT AREA:		122,888 SF

USE AND OCCUPANCY CLASSIFICATION (IBC CHAPTER 3)

GROUP(S):

B BUSINESS
F-1 FACTORY
S-1 STORAGE
U UTILITY AND MISCELLANEOUS GROUP

GENERAL BUILDING HEIGHTS AND AREAS (CHAPTER 5)

CONSTRUCTION TYPE: IIB

		ALLOWABLE	ACTUAL
BUILDING HEIGHT IN FEET	(TABLE 504.3)	180' - 0"	26' - 0"
BUILDING HEIGHT IN STORIES	(TABLE 504.4)	12	2
BUILDING AREA PER FLOOR	(TABLE 506.2)	UNLIMITED	
FIRST FLOOR		0 SF	68,441 SF
SECOND FLOOR		0 SF	54,077 SF

ALLOWABLE AREA DETERMINATION (TABLE 506.2):

SHOW MATH HERE

ALLOWABLE AREA INCREASE (TABLE 506.3):

SHOW MATH HERE
UNLIMITED AREA BUILDING PER IBC 507
60'-0" MIN. YARDS PROVIDED WITH EXCEPTION AS ALLOWED PER 507.2.1 OF THE 2015 IBC

MIXED OCCUPANCIES: NON-SEPERATED

FIRE RESISTIVE RATING REQ. FOR BUILDING ELEMENTS (IBC CHAPTER 6)

CONSTRUCTION TYPE: IB

PRIMARY STRUCTURAL FRAMING:	2*	HR	(SEE TABLE 601)
BEARING WALLS EXTERIOR:	2	HR	
BEARING WALLS INTERIOR:	2*	HR	(SEE TABLE 601)
NON-BEARING WALLS INTERIOR:	0	HR	
FLOOR CONSTRUCTION:	2	HR	
ROOF CONSTRUCTION:	1½*	HR	(SEE TABLE 601)

FIRE-RESISTANCE RATING FOR EXTERIOR WALLS BASED ON FIRE SERPERATION DISTANCE: 0 HR

FIRE AND SMOKE PROTECTIONS FEATURES (IBC CHAPTER 7)

ALLOWABLE AREA OF OPENINGS:

FIRE SEPERATION DISTANCE: > 30 FEET
OPENING PROTECTION: UNPROTECTED, SPRINKLERED
ALLOWABLE OPENING AREA: NO LIMIT

INTERIOR FINISHES (IBC CHAPTER 8)

INTERIOR WALL AND CEILING FINISHES: IBC 2015, TABLE 803.11
SPRINKLERED

OCCUPANCY		INTERIOR EXIT STAIRWAYS, ETC.	CORRIDORS, ETC.	ROOMS AND ENCLOSED SPACES
B	BUSINESS	CLASS B	CLASS C	CLASS C
F-1	FACTORY	CLASS C	CLASS C	CLASS C
S-1	STORAGE	CLASS C	CLASS C	CLASS C
U	UTILITY AND MISCELLANEOUS GROUP	NR	NR	NR

FIRE PROTECTION SYSTEM (IBC CHAPTER 9)

AUTOMATIC SPRINKLER SYSTEM: NFPA -XXXX

FULLY SPRINKLERED ESFR SYSTEM

MEANS OF EGRESS (IBC CHAPTER 10)

OCCUPANT LOAD (1004) 1894 TOTAL OCCUPANTS
(SEE OCCUPANT LOAD CALCULATIONS ON SHEET G-111)

EGRESS SIZING (1005)

OTHER EGRESS COMPONETS DOORS
= OCCUP. LOAD X 0.2"/OCC.
= XXX INCHES REQUIRED
= XXX INCHES PROVIDED

STAIRS
= OCCUP. LOAD X 0.3"/OCC.
= XXX INCHES REQUIRED
= XXX INCHES PROVIDED

MAXIMUM COMMON PATH OF EGRESS TRAVEL XXX FEET
MAXIMUM EXIT ACCESS TRAVEL DISTANCE XXX FEET

PLUMBING FIXTURE REQUIREMENTS (IBC CHAPTER 29)

SEE PLUMBING FIXTURE CALCULATIONS ON SHEET: G-111

THERMAL ENVELOPE (IECC)

NOT APPLICABLE - EXISTING BUILDING - NO CHANGES TO THERMAL ENVELOPE

DEFERRED SUBMITTALS

- HVAC
- PLUMBING
- FIRE SUPPRESSION SYSTEM
- FIRE ALARM SYSTEM
- OTHER

NOTES:
ALL DEFERRED SUBMITTALS TO BE PROVIDED TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW A MINIMUM OF TWO WEEKS PRIOR TO COMMENCEMENT OF WORK.

ALL DEFERRED SUBMITALS TO BE REVIEWED BY THE ARCHITECT PRIOR TO SUBMITAL TO AUTHORITY HAVING JURISDICTION.

OTHER

-

VICINITY MAP

ARCHITECT SEAL

OVER 65 YEARS OF DESIGN EXCELLENCE

ENGINEER SEAL

SHEET INDEX

SHEET NUMBER	SHEET NAME	REVISION DESCRIPTION	REVISION DATE
GENERAL			
G-001-A	COVER SHEET	ADDENDUM - A	XX/XX/XXXX
G-002	GENERAL NOTES, LEGENDS ABBREVIATIONS AND SYMBOLS		
G-111	FIRST FLOOR - LIFE SAFETY PLAN		
G-121	SECOND FLOOR - LIFE SAFETY PLAN		
G-201	GENERAL ACCESSIBILITY REQUIREMENTS		
G-202	GENERAL ACCESSIBILITY REQUIREMENTS		
ARCHITECTURAL SITE			
AS-101	ARCHITECTURAL SITE PLAN	ADDENDUM - A	XX/XX/XXXX
ARCHITECTURAL DEMOLITION			
AD-110	FIRST FLOOR DEMOLITION PLAN - OVERALL		
AD-111.1	FIRST FLOOR DEMOLITION PLAN - AREA A		
AD-111.2	FIRST FLOOR DEMOLITION PLAN - AREA B		
AD-111.3	FIRST FLOOR DEMOLITION PLAN - AREA C		
AD-112	FIRST FLOOR DEMOLITION PLAN REFLECTED CEILING PLAN		
AD-120	SECOND FLOOR DEMOLITION PLAN		
AD-121.1	SECOND FLOOR DEMOLITION PLAN - AREA A		
AD-121.2	SECOND FLOOR DEMOLITION PLAN - AREA B		
AD-121.3	SECOND FLOOR DEMOLITION PLAN - AREA C		
AD-122	SECOND FLOOR DEMOLITION PLAN REFLECTED CEILING PLAN		
AD-151	ROOF DEMOLITION PLAN		
ARCHITECTURAL			
A-110	OVERALL FIRST FLOOR PLAN		
A-111.1	FIRST FLOOR PLAN - AREA A		
A-111.2	FIRST FLOOR PLAN - AREA B		
A-111.3	FIRST FLOOR PLAN - AREA C		
A-113	OVERALL FIRST FLOOR REFLECTED CEILING PLAN		
A-113.1	FIRST FLOOR REFLECTED CEILING PLAN - AREA A		
A-113.2	FIRST FLOOR REFLECTED CEILING PLAN - AREA B		
A-113.3	FIRST FLOOR REFLECTED CEILING PLAN - AREA C		
A-116	FIRST FLOOR SILGAN DEPARTMENT AREA PLAN		
A-120	OVERALL SECOND FLOOR PLAN		
A-121.1	SECOND FLOOR PLAN - AREA A		
A-121.2	SECOND FLOOR PLAN - AREA B		
A-121.3	SECOND FLOOR PLAN - AREA C		
A-123	SECOND FLOOR REFLECTED CEILING PLAN		
A-123.1	SECOND FLOOR REFLECTED CEILING PLAN - AREA A		
A-123.2	SECOND FLOOR REFLECTED CEILING PLAN - AREA B		
A-123.3	SECOND FLOOR REFLECTED CEILING PLAN - AREA C		
A-126	SECOND FLOOR SILGAN DEPARTMENT AREA PLAN		
A-140	OVERALL ROOF PLAN		
A-710	WAREHOUSE ADDITION		
A-720	BOILER ROOM ADDITION		
A-730	DUMPSTER ENCLOSURE		
INTERIORS			
I-100	INTERIOR - OVERALL FIRST FLOOR PLAN		
I-101.1	INTERIOR - ENLARGED FIRST FLOOR PLAN - AREA A		
I-101.2	INTERIOR - ENLARGED FIRST FLOOR PLAN - AREA B		
I-101.3	INTERIOR - ENLARGED FIRST FLOOR PLAN - AREA C		
I-200	INTERIOR - OVERALL SECOND FLOOR PLAN		
I-201.1	INTERIOR - ENLARGED SECOND FLOOR PLAN - AREA A		
I-201.2	INTERIOR - ENLARGED SECOND FLOOR PLAN - AREA B		
I-201.3	INTERIOR - ENLARGED SECOND FLOOR PLAN - AREA C		
I-602	FINISH MATERIAL LEGEND		
I-603	FURNITURE LEGEND		

SHEET INDEX

SHEET NUMBER	SHEET NAME	REVISION DESCRIPTION	REVISION DATE

SHEET INDEX

SHEET NUMBER	SHEET NAME	REVISION DESCRIPTION	REVISION DATE

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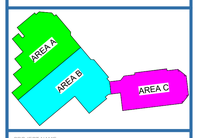
PRELIMINARY SET:	6/14/2024
BUDGET SET:	7/11/2024
LOCAL DESIGN REVIEW SET:	
PROPOSAL SET:	
PERMIT SET:	
CONSTRUCTION SET:	
RECORD DRAWING SET:	

REVISIONS:

ADD-A	ADDENDUM - A	XX/XX/XXXX

SILGAN



PROJECT NAME:
SILGAN CROSSROADS REMODEL

PROJECT DESCRIPTION:
REMODEL & NEW ADDITION(S)

STREET ADDRESS:
21027 CROSSROADS CIRCLE

CITY, STATE, ZIP:
WAUKESHA, WISCONSIN 53186

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

PROJECT ARCHITECT:	STRUCTURAL ENGINEER:	LANDSCAPE DESIGN:
AMH	DJS	XXX
DESIGN ARCHITECT:	CIVIL ENGINEER:	REVIEWED BY:
NWY	HARWOOD	XXX

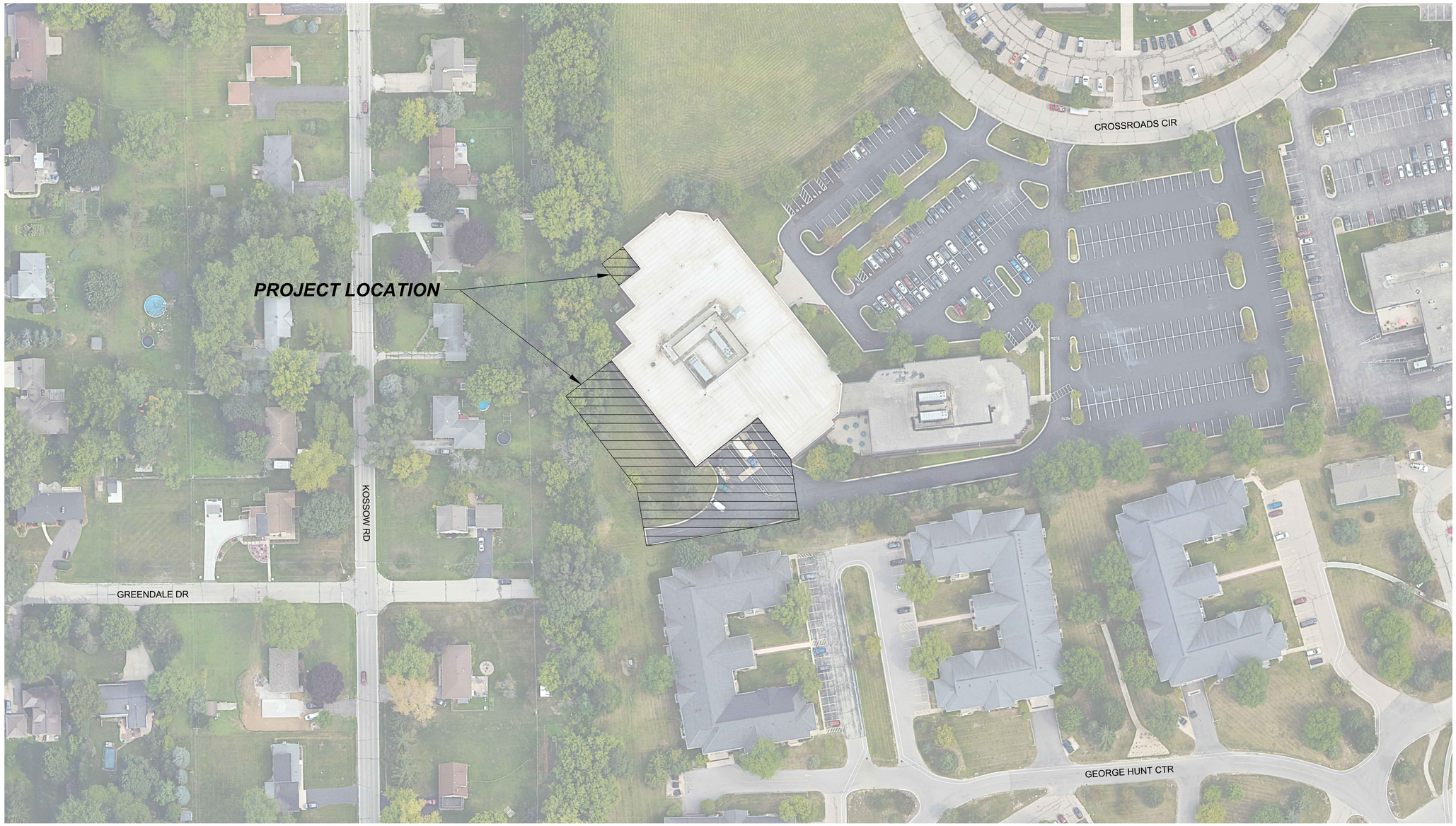
SHEET TITLE:
COVER SHEET

SHEET NUMBER:
G-001-A

PROJECT NUMBER: P13439
P13439

LEADERS • ENGINEERS • CONTRACTORS • ARCHITECTS

BUDGET SET - NOT FOR CONSTRUCTION - 07/29/2024



LEGEND:

UTILITY

EXISTING:

- W — WATERMAIN
- E — BURIED ELECTRIC
- OHW — OVERHEAD WIRE
- GAS — GAS LINE
- SAN — SANITARY SEWER
- ST — STORM SEWER
- UTILITY POLE
- LIGHT POLE
- SANITARY MANHOLE
- FIRE HYDRANT
- WATER VALVE
- STORM SEWER STRUCTURE

PROPOSED:

- *W* — WATERMAIN
- *E* — ELECTRICAL LINE
- *GAS* — GAS LINE
- *SAN* — SANITARY SEWER
- *ST* — STORM SEWER
- WATER VALVE
- STORM SEWER STRUCTURE
- FLARED END SECTION

GRADING

EXISTING:

- MAJOR CONTOUR
- MINOR CONTOUR
- *EXIST* 100.00 — EXISTING SPOT ELEVATION

PROPOSED:

- MAJOR CONTOUR
- MINOR CONTOUR
- 100.00 — SPOT ELEVATION (FINISHED GRADE, TOP OF PAVEMENT, FLANGE OF CURB)
- DOOR 100.00 — DOOR ELEVATION
- GR 100.00 — GROUND GRADE AT BUILDING
- 100.50T/C 100.00E/P — SPOT ELEVATION (T/C - TOP OF CURB, E/P - EDGE OF PAVEMENT)
- 100.50T/W 100.00B/W — RETAINING WALL SPOT ELEVATION (T/W - GROUND GRADE AT TOP OF WALL, B/W - GROUND GRADE AT BOTTOM)
- 12" FES 100.00B/W — FLARED END SECTION (PIPE SIZE, INVERT ELEVATION)
- DRAINAGE FLOW DIRECTION
- EMERGENCY OVERFLOW ROUTE

SITE

EXISTING:

- EXISTING PARKING COUNT
- EXISTING SIGN
- EXISTING ADA PARKING SPACE

PROPOSED:

- PARKING COUNT
- ADA PARKING SPACE
- SIGN
- TRUNCATED DOMES
- PAVEMENT MARKING DIRECTIONAL ARROWS

GENERAL NOTES AND SPECIFICATIONS:

1. THE EXISTING SITE INFORMATION ON THIS PLAN WAS TAKEN FROM A SITE SURVEY PROVIDED BY CHAPUT LAND SURVEYS. THE ENGINEER MAKES NO WARRANTY OR REPRESENTATION WITH REFERENCE TO THE ACCURACY AND COMPLETENESS OF THE EXISTING CONDITIONS INDICATED OR NOT INDICATED ON THE ENGINEERING PLANS PROVIDED. VERIFY THE LOCATION OF ALL EXISTING SITE CONDITIONS INCLUDING UNDERGROUND UTILITIES, UNDERGROUND UTILITY ELEVATIONS, BUILDING SETBACKS AND EXISTING BUILDING LOCATIONS. THE CONTRACTOR SHALL INFORM THE OWNER AND ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING WITH WORK. QUESTIONS REGARDING THE EXISTING SURVEY SHALL BE DIRECTED TO THE PARTIES LISTED ABOVE.
2. BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, EXCAVATE EACH EXISTING LATERAL TO BE CONNECTED TO VERIFYING ELEVATION, LOCATION AND SIZE. SHOULD THE EXISTING UTILITY NOT BE AS INDICATED ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR EVALUATION.
3. ALL UTILITY CONSTRUCTION SHALL ADHERE TO THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN (2003), AS WELL AS, THE MUNICIPAL CONSTRUCTION STANDARDS AND THE DEPT. OF SAFETY AND PROFESSIONAL SERVICES SEC. 382-387.
4. ALL PERMITS MUST BE RECEIVED FROM THE MUNICIPALITY AND WDNR (IF REQUIRED) PRIOR TO THE START OF CONSTRUCTION. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL APPLICABLE PERMITS ARE RECEIVED PRIOR TO STARTING CONSTRUCTION.
5. NOTIFY THE PUBLIC WORKS INSPECTION DEPT. AT LEAST 48 HOURS BEFORE STARTING CONSTRUCTION.
6. BACKFILL REQUIREMENTS AND ROADWAY/SIDEWALK RESTORATION SHALL ADHERE TO LOCAL STANDARDS (GRANULAR BACKFILL UNDER OR WITHIN 5' OF CURBS, SIDEWALK, OR PAVEMENT. SPOIL MAY BE USED ELSEWHERE. SLURRY BACKFILL WILL BE REQUIRED IN PUBLIC ROADWAYS.)
7. ALL BUILDING UTILITIES SHALL BE VERIFIED WITH THE ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.
8. PROPOSED STORM SEWER SHALL BE PVC, ASTM D-3034, SDR 35 WITH RUBBER ELASTOMERIC JOINTS CONFORMING TO ASTM D-3212 (UNLESS OTHERWISE NOTED).
9. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NONMETALLIC UTILITIES MUST BE PROVIDED. PROVIDE TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORD WITH THE PROVISIONS SECTIONS 182.0715(2R) OF THE STATE STATUTES.
10. UTILITY TRENCHES SHALL BE MECHANICALLY COMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN.
11. ALL MANHOLES, CATCH BASINS, INLETS, VALVES BOXES, ETC WITHIN THE PROJECT AREA SHALL BE RESET AND ADJUSTED TO MATCH FINISH GRADE.
12. ALL EXCAVATED OR STRIPPED MATERIALS NOT BEING REPLACED IN UTILITY TRENCHES OR BEING USED FOR FILL SHALL BE REMOVED FROM THE SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER.
13. SEE ARCHITECTURAL PLANS FOR EXACT BUILDING & FOUNDATION DETAILS AND ORIENTATION.
14. ALL ON-SITE CONCRETE CURB AND GUTTER TO BE 18" WIDE VERTICAL FACE, UNLESS OTHERWISE NOTED. REVERSE OR REGULAR STYLE CURB DENOTED ON PLANS.
15. ALL CURB ELEVATIONS ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. SEE CURB DETAIL FOR TOP OF CURB ELEVATIONS.
16. ALL CURB RADII ARE MEASURED TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
17. CONTRACTOR SHALL MATCH PROPOSED CONCRETE CURB AND GUTTER, SIDEWALK AND PAVEMENT TO EXISTING IN ELEVATION AND ALIGNMENT.
18. REMOVAL OF CURB AND GUTTER, SIDEWALK AND PAVEMENT SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE WISCONSIN D.O.T.
19. ALL CONCRETE FOR CURB AND GUTTER, ROADWAY AND SIDEWALKS MUST CONFORM TO THE STANDARD SPECIFICATIONS FOR READY MIXED CONCRETE. MINIMUM 28 DAY COMPRESSIVE STRENGTH TEST MUST EQUAL 4000 PSI.
20. PROTECT ALL PROPERTY CORNERS.
21. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING UTILITIES OR SITE IMPROVEMENTS. DOCUMENT ALL EXISTING DAMAGE PRIOR TO START OF CONSTRUCTION AND NOTIFY CONSTRUCTION MANAGER OF ANY FINDINGS.
22. PROJECT SAFETY ON-SITE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
23. AS-BUILTS ARE TO BE PROVIDED TO THE CLIENT TRACKING ANY CHANGES THAT OCCURRED DURING CONSTRUCTION.

CIVIL SHEET INDEX:

C1.00 PROJECT LOCATION AND GENERAL NOTES
C1.10 SITE PLAN
C1.20 GRADING AND EROSION CONTROL PLAN
C1.30 DEMOLITION PLAN
C1.40 EXISTING SURVEY
C5.00 CONSTRUCTION DETAILS AND SPECS

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CONSTRUCTION SET:	
RECORD DRAWING SET:	

REVISIONS:

SILGAN

HARWOOD
255 N 21st Street, Milwaukee, WI 53233 | 414-475-5554

HEC PROJECT NUMBER: 024-1113.00

PROJECT NAME:
SILGAN CROSSROADS REMODEL

PROJECT DESCRIPTION:
REMODEL & NEW ADDITION(S)

PROJECT ADDRESS:
21027 CROSSROADS CIRCLE

CITY, STATE, ZIP:
WAUKESHA, WISCONSIN 53186

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

DRAWN BY:	DESIGNED BY:	APPROVED BY:
AMH	DJS	XXX

SEWN ARCHITECT:	CIVIL ENGINEER:	REVIEWED BY:
NWY	HARWOOD	XXX

SHEET TITLE:
PROJECT LOCATION AND GENERAL NOTES

SCALE: 1" = 50'

North

SHEET NUMBER:
C1.00

PROJECT NUMBER: P13439
P13439

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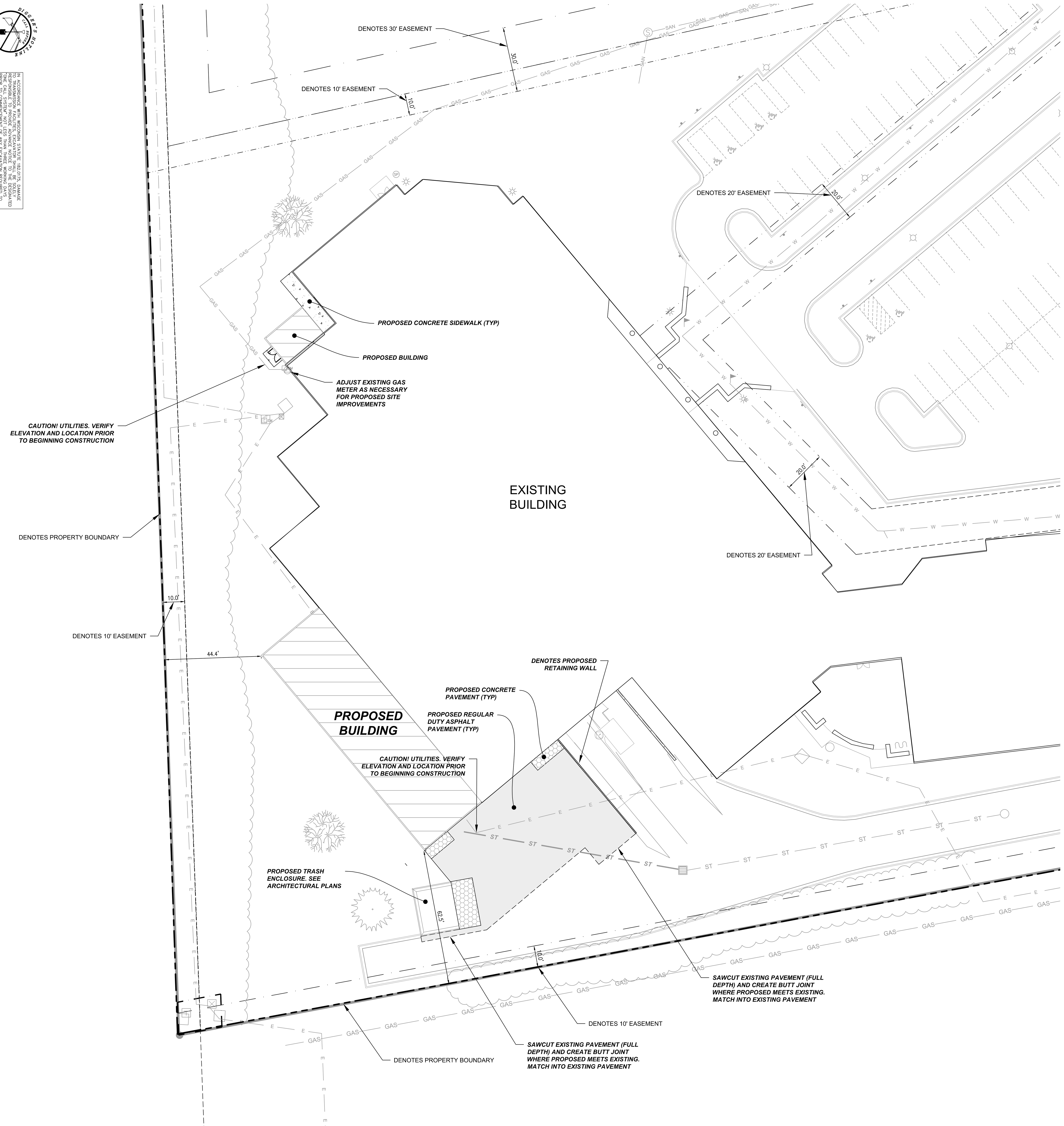
IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.



HATCH LEGEND

- PROPOSED CONCRETE SIDEWALK
- PROPOSED REGULAR DUTY ASPHALT PAVEMENT
- PROPOSED CONCRETE PAVEMENT

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REVISIONS:

SILGAN

HARWOOD
255 N 21st Street, Milwaukee, WI 53233 | 414-475-5554
HEC PROJECT NUMBER: 024-1113.00

PROJECT NAME
SILGAN CROSSROADS REMODEL

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REMODEL & NEW ADDITION(S)

STREET ADDRESS
21027 CROSSROADS CIRCLE

CITY/ STATE / ZIP
WAUKESHA, WISCONSIN 53186

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

PROJECT ARCHITECT	STRUCTURAL ENGINEER	LANDSCAPE DESIGN
AMH	DJS	XXX
DESIGN ARCHITECT	**CIVIL ENGINEER :**	**REVIEWED BY**
NWY	HARWOOD	XXX

SHEET TITLE:
SITE PLAN

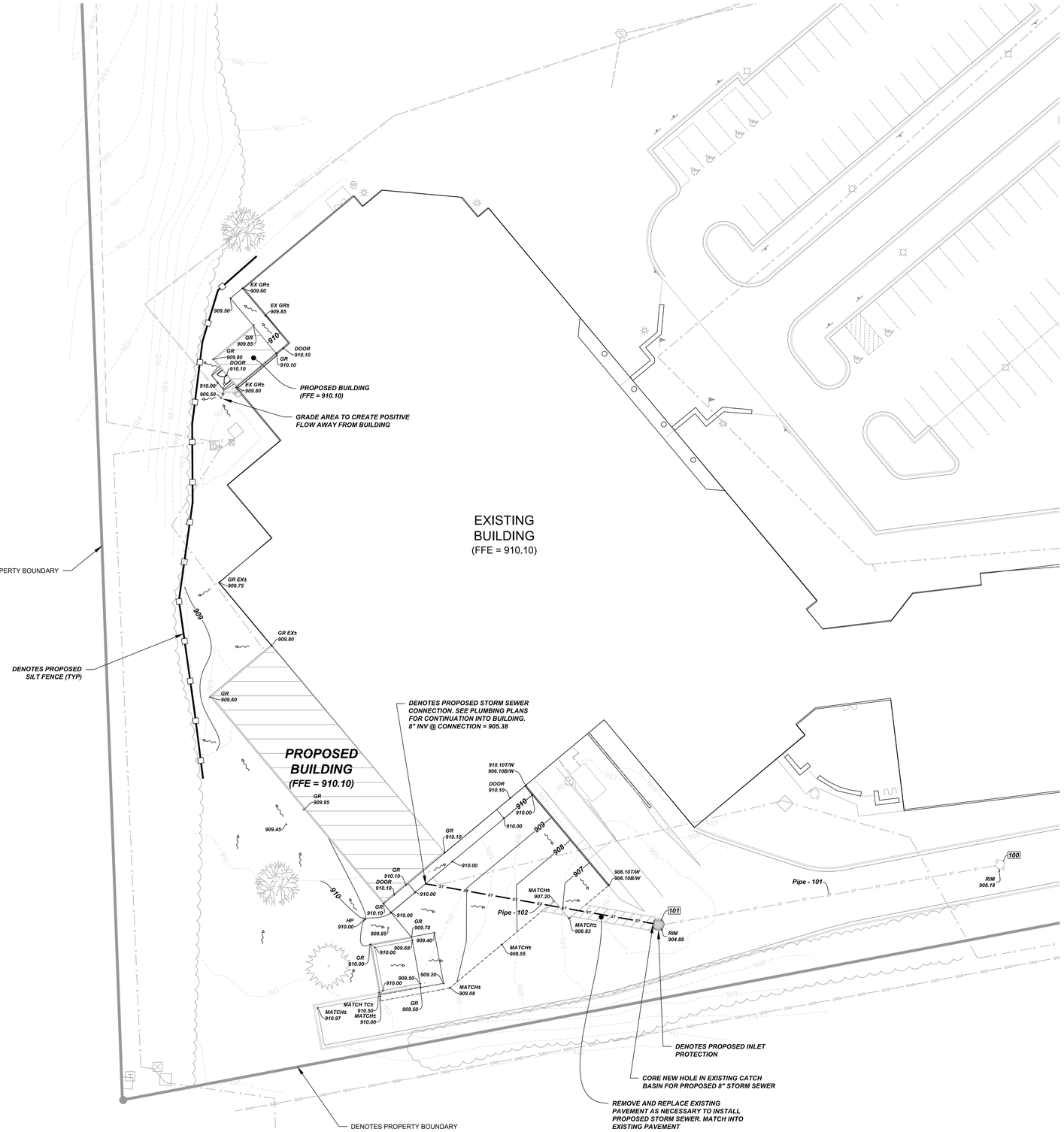
North

SCALE: 1" = 20'

SHEET NUMBER:
C1.10

PROJECT NUMBER:
P13439

P13439



Storm Structure Table	
#	Structure Details
100	EXISTING STORM MANHOLE RIM = 908.18 Pipe - 101 = 900.62
101	EXISTING CATCH BASIN RIM = 904.88 Pipe - 102 = 902.13 Pipe - 101 = 902.13

Storm Pipe Table					
Pipe Name	Size	Material	Length	Slope	Description
Pipe - 101	12	RCP	151	1.00%	EXISTING STORM SEWER
Pipe - 102	8	PVC	102	3.17%	PLUMBING CONNECTION

GENERAL NOTES:

DETAIL OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

WHEN POSSIBLE THE SILT FENCE SHOULD BE CONSTRUCTED IN AN ARC OR HORSESHOE SHAPE, WITH THE ENDS POINTING UPSLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS.

① CROSS BRACE WITH 2" x 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS AS DIRECTED BY THE ENGINEER.

② MINIMUM 14 GAGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C-C.

③ EXCAVATE A TRENCH A MINIMUM OF 4" WIDE AND 8" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.

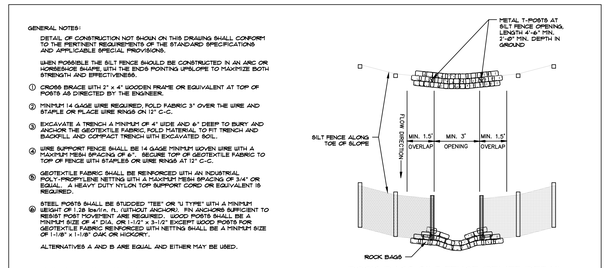
④ WIRE SUPPORT FENCE SHALL BE 14 GAGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C-C.

⑤ GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLY-PROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUIVALENT. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED.

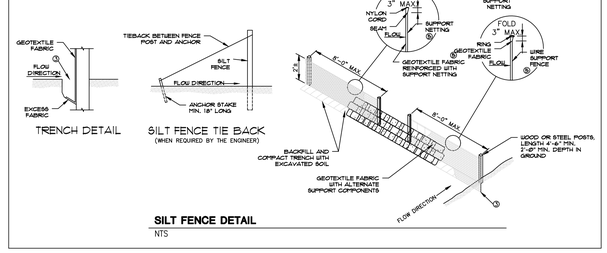
⑥ STEEL POSTS SHALL BE STUDDED "TEE" OR "U TYPE" WITH A MINIMUM WEIGHT OF 1.28 lbs/ln. ft. (WITHOUT ANCHORS). FIN ANCHORS SUFFICIENT TO RESIST POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 4" DIA. OR 1-1/2" x 3-1/2" EXCEPT WOOD POSTS FOR GEOTEXTILE FABRIC REINFORCED WITH NETTING SHALL BE A MINIMUM SIZE OF 1-1/8" x 1-1/8" OAK OR HICKORY.

ALTERNATIVES A AND B ARE EQUAL AND EITHER MAY BE USED.

NOTE: ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS



ROCK BAGS SILT FENCE RELIEF DETAIL

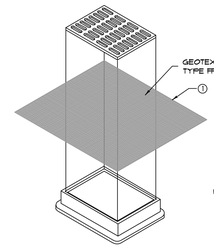


TRENCH DETAIL

SILT FENCE TIE BACK (WHEN REQUIRED BY THE ENGINEER)

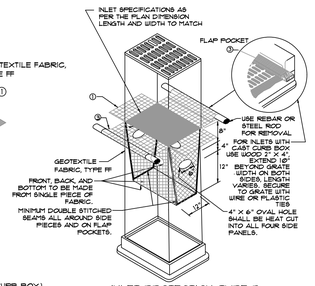
SILT FENCE DETAIL

NTS



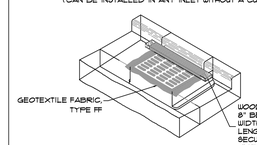
INLET PROTECTION, TYPE B (WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE) ③



INLET PROTECTION, TYPE C (WITH CURB BOX)

GENERAL NOTES:

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

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

FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 18" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

FOR INLET PROTECTION, TYPE C WITH CURB BOX, AND ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES:

TYPES B & C:
TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A DEUN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D:
DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30" MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.
TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG USING PLASTIC ZIP TIES TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM IF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION

NTS

MSI GENERAL
DESIGNBUILD
MSI GENERAL CORPORATION
W215 E. WISCONSIN AVE.
NASHOTAH, WI 53058
262.367.3661 | MSIGENERAL.COM

SINGLE SOURCE RESPONSIBILITY
DESIGNING EXCELLENCE. BUILDING TRUST TM

MILESTONE ISSUE DATES
PRELIMINARY SET:
BUDGET SET:
LOCAL DESIGN REVIEW SET:
PROPOSAL SET:
PERMIT SET:
CONSTRUCTION SET:
RECORD DRAWING SET:

REVISIONS:

SILGAN
HARWOOD
255 N 21st Street, Milwaukee, WI 53233 | 414-475-5554
HEC PROJECT NUMBER: 024-1113.00

PROJECT NAME:
SILGAN CROSSROADS REMODEL

PROPOSED USE/BUILDING #:
REMODEL & NEW ADDITION(S)

STREET ADDRESS:
21027 CROSSROADS CIRCLE

CITY/ STATE / ZIP:
WAUKESHA, WISCONSIN 53186

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

PROJECT ARCHITECT	STRUCTURAL ENGINEER	LANDSCAPE DESIGN
AMH	DJS	XXX
DESIGN ARCHITECT	CIVIL ENGINEER	REVIEWED BY
NWY	HARWOOD	XXX

SHEET TITLE:
GRADING AND EROSION CONTROL PLAN

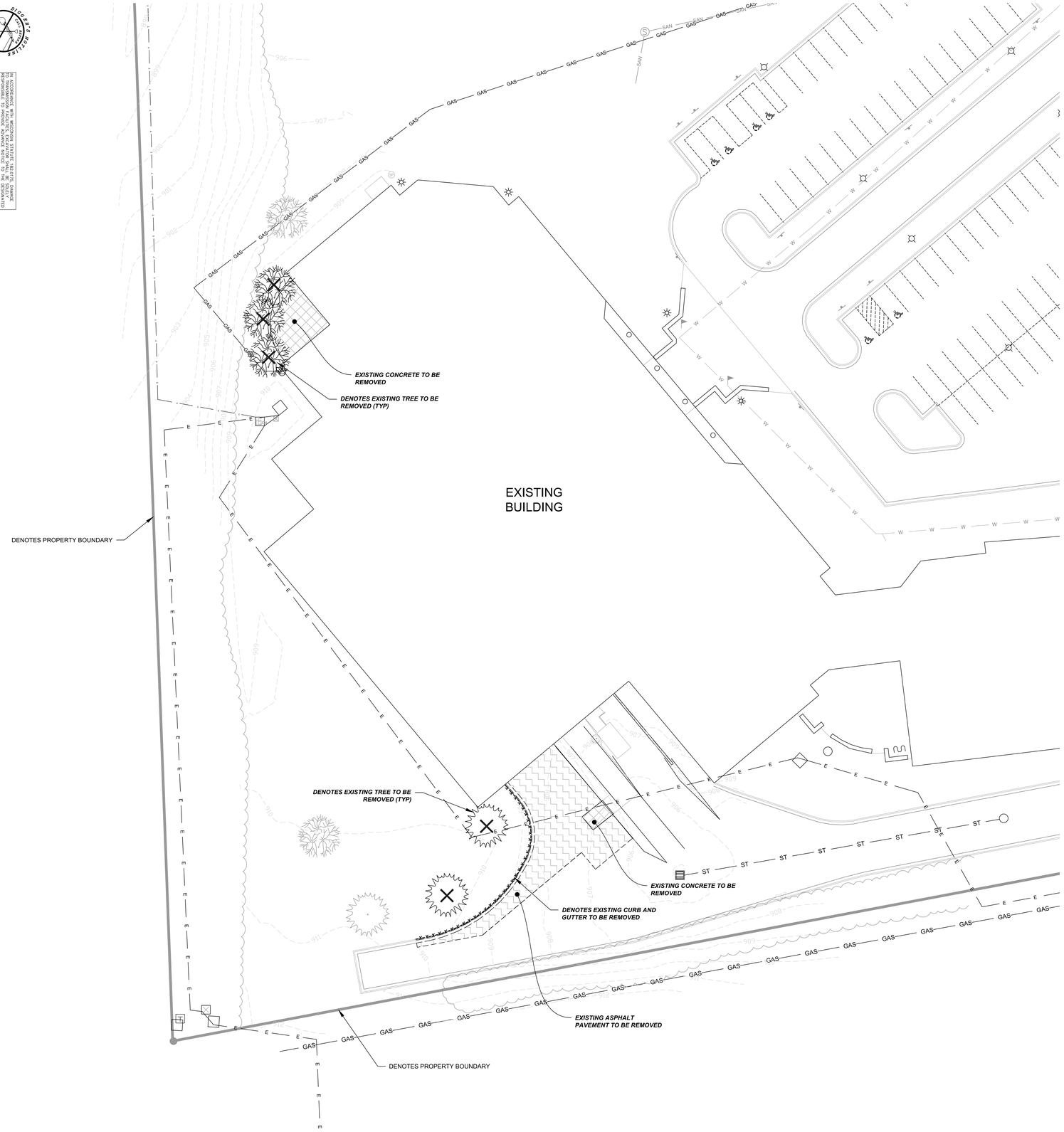
North

SCALE: 1" = 20'

SHEET NUMBER:
C1.20

PROJECT NUMBER:
P13439
P13439

LEADERS ▪ ENGINEERS ▪ CONTRACTORS ▪ ARCHITECTS



DEMOLITION LEGEND

- DENOTES PAVEMENT REMOVAL AREA
- DENOTES CONCRETE REMOVAL AREA
- –X–X–X– DENOTES ITEM TO BE ABANDONED OR REMOVED
- X DENOTES TREE TO BE REMOVED (MARK ALL TREE REMOVALS IN THE FIELD AND VERIFY WITH OWNER PRIOR TO REMOVAL)

DIGGER'S HOTLINE 1-800-242-8511

IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.

DIGGER'S HOTLINE 1-800-242-8511

IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.

MSI GENERAL
DESIGNBUILD

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SINGLE SOURCE RESPONSIBILITY
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MILESTONE ISSUE DATES

PRELIMINARY SET:	
BUDGET SET:	
LOCAL DESIGN REVIEW SET:	
PROPOSAL SET:	
PERMIT SET:	
CONSTRUCTION SET:	
RECORD DRAWING SET:	

REVISIONS:

SILGAN

HARWOOD
255 N 21st Street, Milwaukee, WI 53233 | 414-475-5554
HEC PROJECT NUMBER: 024-1113.00

PROJECT NAME:
SILGAN CROSSROADS REMODEL

PROJECT TYPE:
REMODEL & NEW ADDITION(S)

STREET ADDRESS:
21027 CROSSROADS CIRCLE

CITY, STATE + ZIP:
WAUKESHA, WISCONSIN 53186

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

PROJECT ARCHITECT	STRUCTURAL ENGINEER	LANDSCAPE DESIGNER
AMH	DJS	XXX
DESIGN ARCHITECT	CIVIL ENGINEER	REVIEWED BY
NWY	HARWOOD	XXX

SHEET TITLE:
DEMOLITION PLAN

North

SCALE: 1" = 20'

SHEET NUMBER:
C1.30

PROJECT NUMBER: P13439
P13439

LEADERS ▪ ENGINEERS ▪ CONTRACTORS ▪ ARCHITECTS

ALTA/NSPS LAND TITLE SURVEY

CLIENT
Silgan Containers Manufacturing Corporation

SITE ADDRESS
21027 Crossroads Circle, Town of Brookfield, Waukesha County, Wisconsin

LEGAL DESCRIPTION

PARCEL 1 OF CERTIFIED SURVEY MAP NO. 8049 RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS FOR WAUKESHA COUNTY, WISCONSIN ON JUNE 21, 1996, IN VOLUME 70 OF CERTIFIED SURVEY MAPS, PAGES 4-6, AS DOCUMENT NO. 2135464, SAID CERTIFIED SURVEY MAP BEING ALL OF PARCEL 2B OF CERTIFIED SURVEY MAP NO. 6698 AND ALL OF PARCEL 2 OF CERTIFIED SURVEY MAP NO. 6536, BEING A PART OF THE NORTHWEST 1/4 AND SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 31, TOWNSHIP 7 NORTH, RANGE 20 EAST, IN THE TOWN OF BROOKFIELD, WAUKESHA COUNTY, WISCONSIN.

BASIS OF BEARINGS

Bearings are referenced to the Wisconsin State Plane Coordinate System (South Zone), in which the West line of the NE 1/4 bears S02°06'31"E.

TITLE COMMITMENT

This survey was prepared based on First American Title Insurance Company Commitment No. NCS-1200290-MAD, last revised on February 8, 2024, effective date of January 16, 2024 which lists the following easements and/or restrictions from schedule B-II:

1, 2, 3 & 9 visible evidence shown, if any.

4, 5, 6, 7, 8, 32 & 33 not survey related.

22, 23 & 24 have been intentionally deleted.

10. Easements, dedications, reservations, provisions, relinquishments, recitals, certificates, and any other matters as provided for or delineated on Certified Survey Map No. 5626 recorded September 21, 1988 in Volume 45 of Certified Survey Maps, Pages 330-335 as Document No. 1501660 referenced in the legal description contained herein. Reference is hereby made to said plat for particulars. Affects property by location, shown.
11. Easements, dedications, reservations, provisions, relinquishments, recitals, certificates, and any other matters as provided for or delineated on Certified Survey Map No. 6536 recorded September 10, 1991 in Volume 54 of Certified Survey Maps, Pages 145-152 as Document No. 1672724 referenced in the legal description contained herein. Reference is hereby made to said plat for particulars. Affects property by location, shown.
12. Easements, dedications, reservations, provisions, relinquishments, recitals, certificates, and any other matters as provided for or delineated on Certified Survey Map No. 6698 recorded March 20, 1992 in Volume 56 of Certified Survey Maps, Pages 41-45 as Document No. 1715516 referenced in the legal description contained herein. Reference is hereby made to said plat for particulars. Affects property by location, shown.
13. Easements, dedications, reservations, provisions, relinquishments, recitals, certificates, and any other matters as provided for or delineated on Certified Survey Map No. 8049 recorded June 21, 1996, in Volume 70 of Certified Survey Maps, Pages 4-6, as Document No. 2135464 referenced in the legal description contained herein. Reference is hereby made to said plat for particulars. Affects property by location, shown. 20' water main easement partially vacated per document no. 2322806 (See #29)
14. Utility Easement to Wisconsin Electric Power Company, dated May 11, 1976, recorded/filed July 12, 1976 in Reel 187, Image 471 as Document No. 958341. Affects property by location, shown.
15. Conveyance of Rights in Land by Public Utility granted to the State of Wisconsin recorded June 01, 1981 in Reel 454, Image 564 as Document No. 1158533. Does not affect property by location.
16. Conveyance of Rights in Land by Public Utility granted to the State of Wisconsin recorded June 01, 1981 in Reel 454, Image 566 as Document No. 1158534. Does not affect property by location.
17. Findings and Order of the Town Board of the Town of Brookfield Adding Territory to and Enlarging Boundaries of Westbrooke Sanitary District Number One of the Town of Brookfield, Waukesha County Wisconsin recorded May 08, 1985 in Reel 671, Image 66 as Document No. 1295266. Affects property by location, blanket in nature.
18. Sewer Easement to Town of Brookfield, a municipal corporation, dated June 17, 1986, recorded/filed June 27, 1986 in Reel 775, Image 27 as Document No. 1354655. Affects property by location, shown.
19. Utility Easement to Wisconsin Bell, Inc., its successors and/or assigns, dated September 10, 1987, recorded/filed September 29, 1987 in Reel 942, Image 364 as Document No. 1449810. Affects property by location, shown.
20. Utility Easement to Wisconsin Bell, Inc., its successors and/or assigns, dated March 27, 1989, recorded/filed March 30, 1989 in Reel 1095, Image 584, as Document No. 1528434. Affects property by location, shown.
21. Utility Easement to Wisconsin Bell, Inc., its successors and/or assigns, dated March 27, 1989, recorded/filed March 30, 1989 in Reel 1095, Image 587, as Document No. 1528435. Affects property by location, shown.
25. Utility Easement to Wisconsin Bell, Inc., its successors and/or assigns, dated March 27, 1989, recorded/filed July 19, 1989 in Reel 1124, Image 335 as Document No. 1545811. Affects property by location, shown.
26. Utility Easement to Wisconsin Bell, Inc., its successors and/or assigns, dated March 27, 1989, recorded/filed July 19, 1989 in Reel 1124, Image 338 as Document No. 1545812. Affects property by location, shown.
27. Gas Line Easement to Wisconsin Natural Gas Company, dated January 18, 1991, recorded/filed January 24, 1991 in Reel 1271, Image 762 as Document No. 1631356. Does not affect property by location, shown.
28. Development Agreement upon the terms, conditions and provisions contained therein:
    Dated: July 30, 1996
    Parties: Kalmbach Publishing Co. and Sanitary District Number 4 - Town of Brookfield
    Recorded: August 06, 1996 in Reel 2285, Image 216
    Instrument No.: 2147085
    Affects property by location, blanket type.
29. Easement for water main granted to Sanitary District Number 4 - Town of Brookfield by Easement recorded in May 27, 1998 in Reel 2665, Image 561 as Document No. 2322806. Affects property by location, shown.
30. Utility Easement to Wisconsin Bell, Inc., d/b/a AT&T - Wisconsin, a Wisconsin Corporation, dated September 14, 2007, recorded/filed January 25, 2008 as Document No. 3541481. Affects property by location, shown.
31. Utility Easement to Wisconsin Bell, Inc., d/b/a AT&T - Wisconsin, a Wisconsin Corporation, dated November 30, 2007, recorded/filed January 25, 2008 as Document No. 3541483. Affects property by location, shown.
34. Any facts, rights, interest or claims that may exist or arise by reason of the following matters disclosed by an ALTA/NSPS survey made by Daniel E. Bednar, on behalf of Chaput Land Surveys on December 20, 2023, designated 5348:
    A. Utility lines cross Land without benefit of apparent easement
    B. Electric lines serving the Land run through the land of others without apparent benefit of easement
    C. Telephone lines serving the Land run through the land of others without apparent benefit of easement
    D. Gas line serving the Land runs through the land of others without apparent benefit of easement
    E. 63 parking spaces within setback lines
    F. Sign within setback
    G. Parking lot partially over utility easement, sanitary sewer easements, and water main easement
    H. Asphalt drive and loading dock within setback
    I. Storm manholes without apparent easement

Affects property by location.

TABLE "A" ITEMS

3. According to the flood insurance rate map of the County of Waukesha, Community Panel No. 55133C0218H, effective date of October 19, 2023 this site falls in Zone X (Areas determined to be outside the 0.2% annual chance floodplain).
4. The Land Area of the subject property is 371,260 square feet or 8.5230 acres.

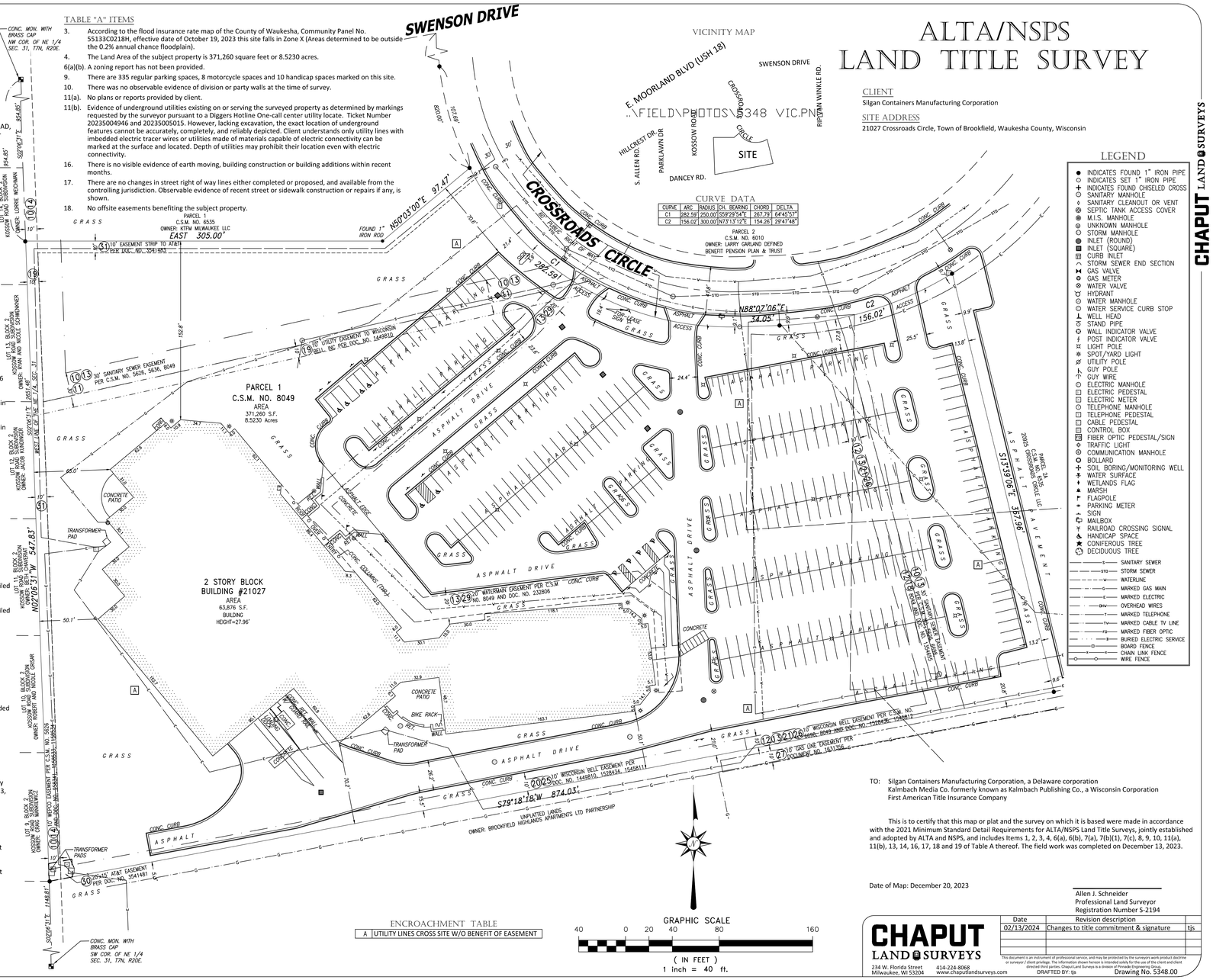
6(a)(b). A zoning report has not been provided.

9. There are 335 regular parking spaces, 8 motorcycle spaces and 10 handicap spaces marked on this site.
10. There was no observable evidence of division or party walls at the time of survey.

11(a). No plans or reports provided by client.

11(b). Evidence of underground utilities existing on or serving the surveyed property as determined by markings requested by the surveyor pursuant to a Diggers Hotline One-call center utility locate. Ticket Number 20235004946 and 20235005015. However, lacking excavation, the exact location of underground features cannot be accurately, completely, and reliably depicted. Client understands only utility lines with imbedded electric tracer wires or utilities made of materials capable of electric connectivity can be marked at the surface and located. Depth of utilities may prohibit their location even with electric connectivity.

16. There is no visible evidence of earth moving, building construction or building additions within recent months.
17. There are no changes in street right of way lines either completed or proposed, and available from the controlling jurisdiction. Observable evidence of recent street or sidewalk construction or repairs if any, is shown.
18. No offsite easements benefiting the subject property.



CURVE DATA

CURVE	ARC	RADIUS	CH. BEARING	CHORD	DELTA
C1	282.59'	250.00'	S59°29'54"E	267.79'	64°45'57"
C2	156.02'	300.00'	N73°13'12"E	154.26'	29°47'48"

LEGEND

- INDICATES FOUND 1" IRON PIPE
- INDICATES SET 1" IRON PIPE
- INDICATES FOUND CHISELED CROSS
- SANITARY MANHOLE
- SANITARY CLEANOUT OR VENT
- SEPTIC TANK ACCESS COVER
- M.I.S. MANHOLE
- UNKNOWN MANHOLE
- STORM MANHOLE
- INLET (ROUND)
- INLET (SQUARE)
- CURB INLET
- STORM SEWER END SECTION
- GAS VALVE
- GAS METER
- WATER VALVE
- HYDRANT
- WATER MANHOLE
- WATER SERVICE CURB STOP
- WELL HEAD
- STAND PIPE
- WALL INDICATOR VALVE
- POST INDICATOR VALVE
- LIGHT POLE
- SPOT/YARD LIGHT
- UTILITY POLE
- GUY POLE
- GUY WIRE
- ELECTRIC MANHOLE
- ELECTRIC PEDESTAL
- ELECTRIC METER
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- CABLE PEDESTAL
- CONTROL BOX
- FIBER OPTIC PEDESTAL/SIGN
- TRAFFIC LIGHT
- COMMUNICATION MANHOLE
- BOLLARD
- SOIL BORING/MONITORING WELL
- WATER SURFACE
- WETLANDS FLAG
- MARSH
- FLAGPOLE
- PARKING METER
- SIGN
- MAILBOX
- RAILROAD CROSSING SIGNAL
- HANDICAP SPACE
- CONIFEROUS TREE
- DECIDUOUS TREE
- SANITARY SEWER
- STORM SEWER
- WATERLINE
- MARKED GAS MAIN
- MARKED ELECTRIC
- OVERHEAD WIRES
- MARKED TELEPHONE
- MARKED CABLE TV LINE
- MARKED FIBER OPTIC
- BURIED ELECTRIC SERVICE
- BOARD FENCE
- CHAIN LINK FENCE
- WIRE FENCE

ENCROACHMENT TABLE

A	UTILITY LINES CROSS SITE W/O BENEFIT OF EASEMENT

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

TO: Silgan Containers Manufacturing Corporation, a Delaware corporation
Kalmbach Media Co. formerly known as Kalmbach Publishing Co., a Wisconsin Corporation
First American Title Insurance Company

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 6(a), 6(b), 7(a), 7(b)(1), 7(c), 8, 9, 10, 11(a), 11(b), 13, 14, 16, 17, 18 and 19 of Table A thereof. The field work was completed on December 13, 2023.

Date of Map: December 20, 2023

Allen J. Schneider
Professional Land Surveyor
Registration Number S-2194

Date	Revision description	
02/13/2024	Changes to title commitment & signature	tjs

CHAPUT LAND SURVEYS
234 W. Florida Street, Milwaukee, WI 53204
414-224-8068
www.chaputlandsurveys.com

DRAFTED BY: tjs
Drawing No. 5348.00

NOTE: SURVEY COMPLETED BY CHAPUT LAND SURVEYS. THE ENGINEER MAKES NO WARRANTY OR REPRESENTATION WITH REFERENCE TO THE ACCURACY AND COMPLETENESS OF THE EXISTING CONDITIONS INDICATED OR NOT INDICATED ON THE ENGINEERING PLANS PROVIDED.

DIGGER'S HOTLINE
TEN WORKING DAYS NOTICE REQUIRED
1-800-242-8511

IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, SHALL HAVE FULL KNOWLEDGE OF THE REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.

MSI GENERAL
DESIGNBUILD
MSI GENERAL CORPORATION
W215 E. WISCONSIN AVE.
NASHOTAH, WI 53058
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LEADERS ▪ ENGINEERS ▪ CONTRACTORS ▪ ARCHITECTS

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HEC PROJECT NUMBER: 024-1113.00

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CITY, STATE, ZIP:
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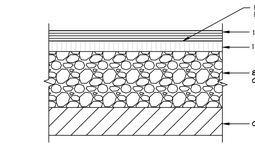
PROJECT ARCHITECT	STRUCTURAL ENGINEER	LANDSCAPE DESIGN
AMH	DJS	XXX
DESIGN ARCHITECT	CIVIL ENGINEER	MEP/FP/SP
NWY	HARWOOD	XXX

SHEET TITLE:
EXISTING SURVEY

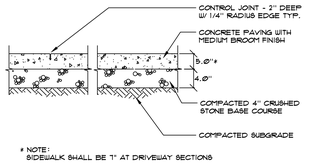
SHEET NUMBER:
C1.40

PROJECT NUMBER:
P13439
P13439



01 BITUMINOUS ASPHALT SECTION - REGULAR DUTY PAVEMENT

NTS



* NOTE:
SIDEWALK SHALL BE 7" AT DRIVEWAY SECTIONS

NOTES:

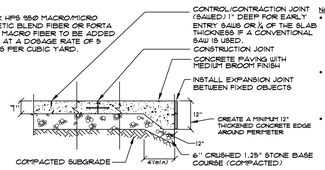
- CONTROL JOINT SPACING SHALL BE A MAXIMUM OF 5' AND CONSTRUCTED IN CONFORMANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) RECOMMENDATIONS.
- EXPANSION JOINTS SHOULD BE PROVIDED WHERE PAVEMENT ABUTS FIXED OBJECTS.
- MATRIX BI BLEND MICRO FIBER TO BE ADDED AT A RATE OF 1.5 POUNDS PER CUBIC YARD.

02 CONCRETE SIDEWALK SECTION

NTS

NOTE:

- MATRIX HPS 950 MACRO/MICRO SYNTHETIC BLEND FIBER OR FORTA FERRO MACRO FIBER TO BE ADDED TO MIX AT A DOSAGE RATE OF 5 POUNDS PER CUBIC YARD.



NOTES:

- TIE BARS SHALL BE INSTALLED AT ALL AREAS WHERE CONCRETE PAVEMENT ABUTS CURB AND GUTTER AND CONSIST OF NO. 4 EPOXY COATED REINFORCING BARS 24 INCHES IN LENGTH AND 48 INCHES ON CENTER.
- CONTROL/ CONTRACTION/ CONSTRUCTION JOINTS SHALL BE SPACED AT 12' MAXIMUM AND CONSTRUCTED IN CONFORMANCE WITH THE AMERICAN CONCRETE INSTITUTE (ACI-330R) RECOMMENDATIONS.
- EXPANSION JOINTS SHALL BE PROVIDED WHERE PAVEMENT ABUTS FIXED OBJECTS, MEETING ACI-330R STANDARDS.

03 CONCRETE PAVEMENT SECTION

NTS

GENERAL REQUIREMENTS

1. Contractor shall be solely responsible for obtaining all permits necessary to complete the work. Contractor shall pay all fees associated with obtaining permits.
2. Completely coordinate with work of all other trades.
3. Although such work is not specifically called out on drawing, the contractor shall furnish and install all miscellaneous items, appurtenances and devices incidental to or necessary for a sound, secure and complete installation
2. Drawings are diagrammatic and indicate general arrangement of site features, dimensions, utility tags are provided as a courtesy. All lengths and dimensions shall be verified by Contractor in advance of bidding, otherwise, the more expensive option shall be deemed to be included.
3. Field verify locations and arrangement of all existing site features.
4. If any errors or omissions appear in Drawings, Specifications, or other documents, bidding Contractor shall notify Engineer no later than ten (10) days prior to submitting bid. Should conflict occur in or between drawings and specifications, bidding contractor is deemed to have estimated more expensive way of doing work, unless he has asked for and obtained written decision (addendum) before submission of bid as to which method or materials will be required.
5. Installation of all systems and materials is subject to clarification as indicated in reviewed shop drawings and field coordination drawings.
6. Perform all work and install materials and equipment in full accordance with the latest applicable rules, regulations, requirements, and specifications of the following:
   - State and Federal Laws
   - Local laws, codes and ordinances
   - American Society for Testing and Materials (ASTM)
   - American Water Works Association (AWWA)
   - Federal Highway Administration (FHA)
   - Environmental Protection Agency (EPA)
   - Wisconsin Department of Safety and Professional Services (SPS):
   - Chapter NR 141 - Monitoring Well Construction
   - Chapter NR 812 - Well Construction and Pump Installation
   - Wisconsin Department of Natural Resources Technical Standards for Constructions Site, Erosion & Sediment Control
   - Conflicts, if any, which may exist between the above items, the more restrictive shall govern.
7. **SUBMITTALS**
   A. The A/E's review of shop drawings or samples shall not relieve the Contractor of responsibility for any deviation from the contract documents. The Contractor shall include with the shop drawings an index sheet detailing all deviations from the contract documents, and will be held responsible for all deviations unless he has received written approval from the A/E for the specific deviation, separate from general shop drawing approval. The A/E's review shall not relieve the contractor from responsibility for errors or omissions in the shop drawings or samples.
   B. Shop Drawings:
      a. The Contractor shall review the shop drawings and stamp with his approval prior to submitting shop drawings to A/E for review.
      b. Shop drawings shall be submitted electronically in one PDF format file for each specification section. File name shall contain specification number and product name. Each shop drawing shall contain the following:
      a. Cover Sheet: The submittals shall contain a cover sheet, which shall include the following information.
         1) Submittal Date
         2) Specification Section
         3) Manufacturer's Representative (Contact Name, address, and telephone number)
         4) Project Name, Project City, Project State, and Project Address.
      b. Product Data: Manufacturer's product data sheets and description of all system components. These data sheets shall be highlighted or suitably marked, so that included items and options are indicated. On data sheets that include multiple products, the products that are not used shall be crossed out.
8. Cause as little interference or interruption of existing utilities and services as possible.
9. Schedule work which will cause interference or interruption in advance with Owner, Architect, authorities having jurisdiction and all affected trades.
10. Examine Contract Documents to determine how other work will affect execution of civil work.
11. Determine and verify locations of all existing utilities on or near site.
12. Make arrangements for and pay for necessary permits, licenses, and inspections.
13. Keep a complete set of all civil drawings in job site office for showing actual locations of utilities and other features encountered, modifications to proposed grades and site features, and other deviations from the original design.
    - Use this set of drawings for no other purpose.
    - Where any locations of utilities and other features encountered, modifications to proposed grades and site features, and other deviations from the original design are installed differently from that shown. indicate differences clearly and neatly using ink or indelible pencil.
    - At project completion, submit record set of drawings to owner and engineer.

STORM DRAINAGE UTILITIES

1. Contractor shall be solely responsible for obtaining all permits necessary to complete the work. Contractor shall pay all fees associated with obtaining permits.
2. Conform all materials to the size and type shown on the plans or as called for in the specifications and to applicable Laws, Codes, and Ordinances.
3. Submittals
   A. Provide manufacturer's product information (cut sheets), shop drawings, and O&M information as indicated in Civil General Requirements for storm sewer materials including:
      - Pipe
      - Fittings
      - Structures
      - Outfalls
      - Castings
   B. Provide reports documenting any required testing
4. Provide the size, type and class/schedule of pipe as indicated on the drawings.
5. Use only pipe supplied from the same manufacturer, and of the same type, unless otherwise specified or approved in advance by the Engineer.
6. When applicable, only pipe, joints, material and installation approved by Wisconsin Department of Natural Resources and/or the Wisconsin Department of Safety and Professional Services (SPS) for the intended use in the State of Wisconsin shall be used.
7. Unless other noted all pipe shall conform to ASTM D-3034 with solvent weld or elastomeric joints. Pipe shall be SDR-35, unless otherwise noted. Pipe over 15 inches in diameter shall meet the requirements of ASTM F679-03.
8. Round Catch Basins shall conform to the following requirements:
   - Round catch basins shall be 48" (MIN) inside diameter precast concrete unless otherwise shown or required. (See plans for specific sizes.)
   - Submit manufacturer's preproduction (shop) drawings for approval prior to the start of manufacturing.
   - Contractor shall carefully locate all pipe locations, sizes, orientation and elevation prior to ordering catch basin.
   - Round catch basins shall meet the requirements of ASTM C478.
8. Where indicated on the plans, existing sewer to be left in place shall be abandoned in accordance with Section 3.2.24 of the Standard Specifications for Sewer & Water Construction (with the exception of paragraph B). Sewer shall not be abandoned until existing services have been reconnected to the replacement sewer. Abandoning sewers is considered incidental to the construction.

   In paved areas or current/future building pad areas, existing storm sewer facilities are required to be abandoned as follows:
   - Remove existing pipes or fill them with sand or grout and seal ends with a minimum 2-foot thick grout plug.
   - Remove existing inlets, catch basins, and manholes to at least 4 feet below finished grade, Provide a minimum 6-inch hole in the bottom of the structure and fill the remaining portion with bedding stone.
9. Downspout Connections
   - All downspout connections to the storm sewer system shall be made with a manufactured adapter designed for the purpose of connecting downspouts to the storm sewer system.
   - Adapter color shall be chosen by owner or architect and shall match the downspout color.
   - If no storm sewer connection is shown on the plans all downspouts shall be provided with a splash block.
10. Flared End Sections
    - All flared end sections shall be reinforced concrete conforming to ASTM C-76.
    - Connection between flared and section and hdpe pipe shall be sealed with an external coupler for dissimilar pipe connections, the dissimilar pipe coupler as manufactured by mar mac construction products or an approved equal and shall be installed according to the manufacturer's recommendations. The coupler shall have an outer cover of polyethylene with an under layer of rubberized mastic that is reinforced with a woven polypropylene fabric laminated to a second layer of rubberized mastic and polyethylene, There shall be a peelable protective release film against the mastic that is removed when the coupler is applied to the joint, securing straps shall be incorporated within the coupler, two each on either side of the butt joint, the securing straps shall be isolated from the mastic allowing the straps to tension with equal force around the pipe circumference, the coupler shall be designed so that when it is applied around the joint the ends shall overlap a minimum of 8". After the straps are secured, a polyethylene/mastic flap shall completely cover the straps.

SEEDING AND RESTORATION

1. Grass seed shall meet the requirements of section 630.2.1 of standards specifications for highway construction.
2. Grass seed: fresh, clean, dry, new-crop seed complying with AOSA's "Journal of Seed Technology.
3. Water free of wastewater effluent or other hazardous chemicals.
4. Clean straw or hay that is well-seasoned, and free of rot, mildew and the seeds of noxious weeds.
5. No seeding shall occur on frozen ground or at temperatures lower than 32 degrees Fahrenheit, No seeding shall occur when the average wind speed exceeds 12 MPH.
6. Sow seed using either Method A or Method B as defined in Section 630.3.3 of Standard Specifications for Highway Construction. Unless otherwise noted, sow seed at a rate of 5# (dry seed weight)/1000 square feet.
7. Place and anchor mulch using the methods outlined in Section 627.3 of Standard Specifications for Highway Construction.
8. Seeded areas are to be watered daily to maintain adequate surface soil moisture for proper seed germination. Watering shall continue for not less than 30 days following seeding. Thereafter, apply $\frac{1}{2}$" of water twice weekly until final acceptance.

DENSE GRADED BASE

1. Submittals
   A. Provide copies of material testing reports
   B. Provide manufacturers product information (cut sheets) and mix designs and specifications:
      - Aggregate Gradations
2. Base course material shall be crushed stone or crushed gravel only.
3. Material gradations shall conform to Section 305.2.2 of the WisDOT Standard Specifications for Highway and Structure Construction unless specified elsewhere in the contract documents.
4. Prepare the foundation, or resurface the previously placed base layer, as specified in WisDOT Section 211 before placing base. Do not place base foundations that are soft, spongy, or covered by ice or snow. Water and rework or re-compact dry foundations as necessary to ensure proper compaction, or as the representative designates,
5. In proposed pavement areas, all organic solid shall be removed.
6. In areas of existing pavement to be modified or adjusted in grade, the existing pavement section shall be removed by an acceptable method. The new pavement section shall match the construction details.
7. Proof-roll all subgrade areas that are to receive aggregate base or pavement.
8. Build and maintain stockpiles using methods that minimize segregation and prevent contamination. If the contract specifies location, place stockpiles where specified. Clear and prepare stockpile areas to facilitate the recovery of the maximum amount of stockpiled material.
9. Place aggregate in a manner that minimizes hauling on the subgrade, Do not use vehicles or operations that damage the subgrade or in-place base. Deposit material in a manner that minimizes segregation.
10. Compact the base until there is no appreciable displacement, either laterally or longitudinally, under the compaction equipment.
11. Compact each base layer, including shoulder forestopes, with equipment specified in WisDOT Section 301.3.1. Use standard compaction conforming to WisDOT Section 301.3.4.2, unless the special provisions specify other methods. Final shaping of shoulder forestopes does not require compaction.
12. After the project is completed, thoroughly clean up all debris which may have accumulated during the placement of dense graded base, Replace or repair as required, all surfaces and/or landscape features damaged or disturbed under this item of work.

DEMOLITION

1. For utilities or other services requiring removal or abandonment in-place, submit materials documenting completion of such work.
2. Verify all gas and electrical utilities have been abandoned or disconnected and associated hazards mitigated, prior to beginning any demolition.
3. Take all necessary precautions while dismantling piping containing gas, gasoline, oil or other explosive or toxic fluids or gases. Purge lines and contain materials in accordance with all applicable regulations. store such piping outdoors until fumes are removed.
4. Unless otherwise noted, Contractor shall be responsible for obtaining and paying for all permits necessary to complete demolition work.
5. Use Contractor's normal equipment for demolition purposes and which meets all safety requirements imposed on such equipment.
6. Remove all equipment, fixtures and other materials scheduled for salvage prior to be beginning demolition operations.
7. Abandon gas, electric and communication utilities in accordance with local utility company requirements, or applicable substantive requirements if considered private.
8. Demolish foundation walls and other below grade features in accordance with the plans. Unless otherwise noted, remove all below grade features to a point 4' below adjoining existing grade, or proposed grade, whichever is lower. Basement and/or lowest level floors more than 4' below existing grade need not be removed, but must be broken up to permit drainage.
9. Carefully protect and/or replace drain tiles encountered during demolition which are necessary to maintain site drainage conditions. Immediately repair or replace any drain tiles not scheduled for demolition, but damaged. Report damage to the Construction Representative. Repairs to drain tile or replacement drain tile shall be comparable or better than the existing drain tile system.
10. Transport and dispose all demolition waste in accordance with local, state, and federal guidelines.

PAVEMENT

1. Submittals
   A. Provide copies of material testing reports
   B. Provide manufacturers product information (cut sheets) and mix designs and specifications:
      - Asphalt Mix Design
2. Proof-roll all subgrade areas that are to receive aggregate base or pavement. Proof-roll with a loaded dump truck prior to the placement of base courses to locate soft spots that yield under loading. Loaded truck shall have a minimum gross operating weight of 30 tons.
3. Undercut soft or unsuitable areas of subgrade 2 or as directed by the Geotechnical Engineer. Backfill with granular soil (as indicated in the geotechnical report) fill in maximum 8 inch loose lifts, and compact to the minimum required degree of compaction.
4. Proofrolling,undercutting, and fill operations shall be performed under the observation of the Geotechnical Engineer.
5. Asphalt pavement shall only be installed after a successful proof-roll of the base course has been completed and observed/approved by the geotechnicial engineer (immediately before the asphalt pacement).
6. Provide hot mix asphalt (HMA) pavement conforming to the requirements Section 460 of Standard Specifications for Highway Construction. Utilize the same material type through the paving operation unless noted elsewhere on the plans. Materials under this section to the requirements of WisDOT Standard Specifications for Highway AND Structure Construction, Section 445 and as revised in any current Supplemental Specifications.
7. HMA Type:
   - Heavy Duty
     Surface Course: LT-5
     Binder Course: LT-3
   - Regular Duty
     Surface Course: LT-5
     Binder Course: LT-4
8. HMA shall be placed in accordance with the requirements of Section 460 of Standard Specifications for Highway Construction,
9. Asphalt shall not be installed adjacent to new curb nor shall backfilling occur adjacent to new curb no sooner than 7 days after pouring, If desired, Contractor (at his cost) may provide cylinders (tested by the geotechnical engineer) that prove a minimum strength of 3000 psi sooner than 7 days.
10. Pavement Repairs: Full depth sawcut all pavement surfaces to neat and straight lines at the limits of removal by a two-step method (only applicable in areas where existing pavement is not being pulverized). Limit the initial pavement removal to the immediate area of the proposed work, Adjust all inlets, manholes, catch basins, valve boxes, and other such castings to match new finished grade as incidental work.

CAST IN PLACE CONCRETE

1. Submittals
   A. Concrete mix design: Submit five (5) copies of mix design to Architect for review. This submittal shall include the following:
      - Required cylindrical compression strength for f'c (28 day).
      - Element (curb, driveway, etc.,) in which each class (strength of concrete) will be used
      - Cylinder compressive strength test results or complete standard deviation analysis in accordance with ACI 318 Section 5.3
      - Proportions of Materials
      - Source of materials - Cement (type and brand), gravel pit.
      - Aggregate size and certification from an independent testing lab that gradation, specific gravity, soundness, absorption, and impurities meet ASTM requirements.
      - Admixture brand, dosage, literature,
      - Air content
      - Water content and target slump
      - Range of ambient temperature and humidity for which design is valid
      - Special characteristics of mix which require precautions in mixing, placing, or finishing techniques to achieve finished product specified.
   B. Product Data: Submit manufacturer's product data for review with application and installation instructions for proprietary materials and items including: patching compounds, epoxies, curing compounds, dry-shake finish materials, hardeners, sealers etc. for all items specified and used in materials list.
2. All work shall be in accordance with applicable manufacturer's and supplier's instructions.
3. All concrete work which does not conform to the requirements of the Contract Documents and ACI 301, including function, durability, appearance, strength, cracking, tolerances and finishing, shall be corrected as directed by Architect at Contractor's expense. Additional testing, engineering, reinforcement and removal and replacement of defective concrete shall be paid for by Concrete Contractor. Contractor shall also be responsible for the cost of corrections to any other work affected by or resulting from corrections to the concrete work.
4. All concrete, unless otherwise specifically permitted by Architect, shall be transit-mixed in accordance with ASTM C 94.
5. Synthetic Fibers shall be used in concrete mix design in lieu of welded wire fabric. Synthetic fibers shall not replace reinforcing rebar/dowels as depicted on the Construction Details.
   - For concrete sidewalks: Matrix Bi-Blend micro fiber - FRC Industries. Application dosage shall be 1.5 pounds per cubic yard.
   - For concrete pavements: Matrix HPS 950 Macro/micro synthetic blend fiber or Forta Ferro macro fiber - FRC Industries. Application dosage shall be 5 pounds per cubic yard.
5. Concrete must meet all requirements of the ASTM C 94, ACI 211, ACI 318 Chapter 4 Durability Requirements, and those herein specified for materials, proportioning, mixing and other details of manufacturer, quality and deliver.
6. Air entrained concrete: Use for all exterior slabs, walls, walks, platforms, ramps, steps, all portions of parking
7. Concrete requiring air entrainment shall contain six (6) percent plus or minus one and a half (1.5) percent air by volume, for 3/4" dia. aggregate, Conform to ACI 318, Chapter 4.
8. Minimum compressive strength at 28 days: 4000 psi.
9. Maximum aggregate size shall not exceed one third of the slab on grade thickness.

CAST IN PLACE CONCRETE (CONT.)

10. Maximum aggregate size shall not exceed one third of the slab on grade thickness.
11. Fly Ash may be used as a pound for pound replacement of cement up to 20% of the total cementitious content, 25% for footings, except for finished flatwork during winter construction, subject to Architect's approval.
12. Make one slump test of the first truck of each mix, each day, one test for each compression test and other tests as often as required thereafter, whenever consistency changes.
13. Air content tests shall be made from the first truck of each mix, each day and when-ever test cylinders are made, in accordance with ASTM C 173 or ASTM C231. Test more often when required air contents are not achieved.
14. Concrete Temperature: Test hourly when air temperature is 40 degrees F (4 degrees C) and below, and when 80 degrees F (27 degrees C) and above; and each time a set of compression test specimens is made.
15. If measured slump, air content or concrete temperature falls outside limits specified, a check test shall be made immediately on another portion of same sample. In event of a second failure, concrete shall be considered to have failed to meet requirements of specifications and shall not be used in structure. Notify Architect immediately.
16. Strength tests shall be made for each of the following conditions: Each day's pour, each class of concrete, each change of supplies or source, each 150 cubic yards of concrete or fraction thereof, and each 5000 square feet of surface area for slabs or walls.
17. To conform to requirements of this Specification, the strength level shall be considered satisfactory so long as the average of all sets of three (3) consecutive strength test results equals or exceeds the specified f'c and no individual strength test result falls below the specified strength f'c by more than 500 psi. Architect shall be notified immediately of nonconformance.
18. Before placing concrete, verify that installation of formwork, reinforcement, and embedded items is complete and that required inspections have been performed.
19. Protect freshly placed concrete from premature drying and excessive cold or hot temperatures in conformance with ACI 301 and ACI 308.
20. Concrete curb and gutter shall be placed in accordance with WisDOT Section 601 to the dimensions and shapes shown in the standard detail drawings. Where curb and gutter details are not provided, curb and gutter shape and dimensions shall match existing adjacent curb and gutter.
21. Concrete sidewalk and driveway shall be placed in accordance with WisDOT Section 602 to the dimensions and thicknesses shown in the detail drawings.
22. Provide concrete pavement having the thickness and reinforcement as shown on the drawings, or to match adjacent existing pavement.
23. Each curb ramp shall be provided with a detectable warning field installed in fresh concrete of all sidewalk and multi-use trails at legal crosswalks, and as shown in the detail drawings. A detectable warning field shall not be installed in asphalt pavements. The detectable warning field shall be installed per manufacturer's recommendations.

EARTHWORK AND EROSION CONTROL

1. Contact the Project Manager to determine the type, and frequency of quality assurance geotechnical testing required on each project. Provide listing of quality assurance geotechnical testing requirements in this item.
2. Contractor shall be solely responsible for determining all earthwork quantities based on the existing and proposed elevations provided on the plans. Any geotechnical investigations provided by the Owner apply only to those locations that the data was collected, and may not be indicative of conditions elsewhere on the site.
3. Erosion control and storm water management practices shall be installed and maintained in accordance with the WDNR approved Technical Standards (or equivalent).
4. Erosion mats, soil stabilizers, and trackifiers shall be listed on the Product Acceptability List for Multi-Modal Applications ("PAL") as published by the Wisconsin Department of Transportation.
5. Silt fence fabric shall comply with the requirements of Standard Specifications for Highway Construction 628.2.6, in 3 foot tall rolls, with 4' tall 2" x 2" nominal cross section hardwood posts spaced a maximum of 10' o.c., Silt fence shall be Mirafi, Trevira, Amoco, CFM, or approved equal.
6. Erosion mat shall comply with the requirements of Class I, Type A erosion mat as defined by Standard Specifications for Highway Construction and the PAL. Erosion mat shall be American Excelsior, SI Geosolutions, Erosion Control Systems, North American Green, or approved equal.
7. Fieldstone Cobbles stone shall be the size and type specified on plans. Contractor shall provide an on-site sample for approval prior to installation.
8. The aggregate for tracking pads shall be 3 to 6 inch clear of washed stone. All materials shall be retained on a 3-inch sieve. (if required)
9. Soil stabilizers shall be non-asphalt-based products of the type specified, and meeting the requirements of the PAL.
10. Polymers used to settle suspended sediment shall meet the requirements of the WDNR Technical Standards.
11. Water soluble anionic polyacrylamide (PAM) used as temporary soil binding agents to reduce erosion shall meet the requirements of WDNR Technical Standards.
12. Install erosion control measures as required by the erosion control plan and contract documents. **Provide additional erosion control measures as dictated by Contractor's means and methods, or by differing site conditions.** Notify Construction Representative of additional erosion control features that are provided, but not shown on the plan.
13. Convey drainage to the nearest adequate stormwater facility. Do not discharge water in a manner that will cause erosion or sedimentation of the site or receiving facility.
14. Grading Limits: Confine work to the Construction Limits as indicated on the drawings. In the absence of such a designation on the drawings, confine work to the minimum area reasonably necessary to undertake the work as determined by the Engineer. All areas disturbed by excavation and grading, plus such additional areas as are disturbed by construction related activities including construction access and storage and installation of materials shall be considered the "Construction Area."
15. Contractor to review specific method of soil preparation as listed in the geotechnical report.
16. Contractor is to establish all heights and grades to properly execute work from benchmark established by others (from original survey work). It is strongly recommended that the original surveyor be contacted and used for all construction layout as well as as-built surveys in an effort to avoid conflict between datums and horizontal control points used. Prior to construction layout, existing and proposed finished floor elevations shall be checked with respect to current site benchmarks to ensure elevations correspond with layout elevations.
17. Contractor shall provide all construction layout surveys to accurately locate the construction on the site.
18. Prior to start of work, Contractor shall be completely familiar with all conditions at the site, and shall account for conditions that may affect the work including: Geotechnical recommendations and methods, limitations on work access, space limitations, overhead obstructions, traffic patterns, local requirements, adjacent activities, etc. Failure to consider these requirements shall not be cause for claim of job extras.
19. Inspect areas and conditions prior to clearing, excavating, filling, and grading. Do not proceed until unsatisfactory conditions have been corrected.
20. Permits and Fees:
    Apply for, pay for and secure all permits required in connection with the work under this section from the governmental authorities having jurisdiction.
21. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout and other hazards created by earthwork and dewatering operations. Protect and maintain all lawns, beds, shrubs, trees, and other work that is to remain in place.
    A. Should damage occur as a result of work performed under this contract, restore to existing condition at no additional cost to Owner, in a manner acceptable to Architect.
    B. Repair or replace trees and vegetation indicated to remain which are damaged by construction operations, in a manner acceptable to Architect.
22. Conduct site clearing operations to ensure minimum interference with roads, streets, walks and other adjacent occupied or used facilities. Do not close or obstruct roads or other occupied or used facilities without permission from Owner and authorities having jurisdiction.
23. Carefully remove items indicated to be salvaged, and store on Owner's premises where indicated or directed.
24. Provide and maintain temporary fences, planking, lights, warning signs, barricades and guards necessary for protection of premises and public.

EARTHWORK AND EROSION CONTROL (CONT.)

25. Maintain cut at satisfactory slope which will prevent collapse of embankments. Provide bracing and shoring as required to protect existing improvements, including outside contract limits, new construction or excavations. Contractor is solely responsible for strength and adequacy of bracing or shoring and for safety. Conform to OSHA requirements. Restore any damaged improvements to their original condition.
26. Do not load vehicles hauling debris excessively as to cause spillage on to streets and roadways. Do not allow spilled materials to clog drainage of streets.
27. Keep sidewalks and streets adjoining the property broom clean and free of debris, excavated materials, rubbish, trash and obstructions, which might affect the safety of streets, walks, utilities and property. Broom clean daily.
28. Use all means necessary to control dust on and near the work, if such dust is caused by the Contractor's operations during performance of the work, or if resulting from the condition in which the Contractor leaves the site.
29. Provide positive protection (mat/sheet coverings) for all excavation slopes to protect slopes from instability and deterioration due to rain, wind or snowlice.
30. Construct, maintain and protect erosion and sedimentation controls
31. Topsoil:
    A. Strip all topsoil to the full depth of all organic material.
    B. Remove heavy growths of grass from areas before stripping.
    C. where existing trees are indicated to remain, leave existing topsoil in place within drip lines to prevent damage to root system.
    D.Stockpile topsoil on site in storage piles (location to be agreed to by Owner) in areas indicated or directed, Construct storage piles to provide free drainage on site of surface water. Stabilize top soil pile
    E. Dispose of unsuitable or excess topsoil same as specified for disposal of waste material.
32. Provide all necessary cutting and filling required to change existing grade specified or as shown on drawings.
33. Excavated earth shall remain on site, if possible, and placed where directed.
    A. After final grading work is complete, remove any excess earth from premises. Where site constraints dictate, excavated earth shall be stored off-site or landfilled,
    B. All surplus earth shall be removed from premises.
34. Grading Outside Building Lines: Grade areas adjacent to building lines to drain away from structures and to prevent ponding. Finish surfaces free from irregular surface changes.
    A. All contours and/or spot elevations shown on Drawings are to finish grade, unless otherwise noted (i.e. top of pavement, topsoil, etc.). Contractor shall be responsible for making excavations or embankments to the subgrade elevations necessary such that the addition of the pavement, topsoil or whatever surface improvement, will ensure that finished grades are met.
    B. Contours indicated on drawings are the finished grade elevations. Review all grade elevations before commencing work to insure that proper slopes for drainage, slopes for drives, walks, paving, etc., are maintained. If Contractor believes a deficiency is apparent, he shall notify the Architect for clarification and correction.
    C. Pavements:
       a. Shape the surface of the areas under pavement to line, grade and cross-section, compacted as specified, and graded to prevent ponding of water after rains. Rough grade tolerance shall conform to +0 in./-1 1/2 in. Fine grading tolerance shall conform to +0 in./-3/4 in.
       b. Include such operations as plowing, discing, and any moisture or aerating required to provide the optimum moisture content for compaction.
       c. Fill low areas resulting from removal of unsatisfactory soil material, obstructions, and other deleterious materials, using structural fill material. Shape to line, grade, and cross-section as shown.
    D. Ditches: Finish ditches to ensure proper flow and drainage. Conduct final rolling operations to produce a hard, uniform and smooth cross-section.
35. Grading Surface of Fill Under Slabs: Grade smooth and even, free of voids, compacted as specified, and to required elevation. Provide final grades within a tolerance of +0 in./-3/4 in.
36. Compaction: After grading, compact subgrade surfaces to the percentage of maximum density for each area classification.
37. Preparation for Lawn Construction: Preparation of Subgrade: Grade and uniformly compact subgrade so that it will be parallel to proposed finished grade. Loosen subgrade materials and mix to a depth of 8", Remove all stones over 1" in size and remove all sticks and rubbish. Do not move heavy objects, except lawn rollers, over lawn areas after the subgrade soil has been prepared unless subgrade soil is again graded and loosened, as specified above, before topsoil is spread.

LEADERS ■ ENGINEERS ■ CONTRACTORS ■ ARCHITECTS

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MILESTONE ISSUE DATES

PREIMINARY SET:
BUDGET SET:
LOCAL DESIGN REVIEW SET:
PROPOSAL SET:
PERMIT SET:
CONSTRUCTION SET:
RECORD DRAWING SET:

REVISIONS:

SILGAN

HARWOOD
255 N 21st Street, Milwaukee, WI 53233 | 414-475-5554
HEC PROJECT NUMBER: 024-1113.00

PROJECT NAME:
SILGAN CROSSROADS REMODEL

REMODEL & NEW ADDITION(S)

ADDRESS:
21027 CROSSROADS CIRCLE

CITY/ STATE / ZIP:
WAUKESHA, WISCONSIN 53186

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

PROJECT MANAGER	STRUCTURAL ENGINEER	LANDSCAPE DESIGNER
AMH	DJS	XXX

DESIGN ARCHITECT	CPA DRAWINGS	REVIEW BY
NWY	HARWOOD	XXX

SHEET TITLE:
CONSTRUCTION DETAILS AND SPECIFICATIONS

SHEET NUMBER:
C5.00

PROJECT NUMBER:
P13439
P13439

MONUMENT OVERLAY

PROPOSED NIGHT VIEW

EXISTING (SIGN A)

PROPOSED (SIGN A)

SILGAN / MONUMENT SIGN OVERLAYS

PANEL OVERLAYS FOR DOUBLE SIDED ILLUMINATED MONUMENT SIGN
.125 ALUMINUM PANELS WITH ROUTED COPY WITH BACKUP WHITE ACRYLIC
PANEL TO BE MAP PAINTED TO MATCH PMS 431 AND Ⓡ TO BE 3M WHITE 7725-10 VINYL
EXISTING SIGN FACE TO BE CUT OUT AND NEW PANEL TO BE STUD MOUNTED FLUSH
OPTION EXISTING MONUMENT PAINTED TO MATCH PMS 431 C

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Client: SILGAN CONTAINERS	Date: 07-31-24	REVISION		Illumination: NO / YES TYPE	SINGLE SIDED / DOUBLE SIDED	Paint Colors (Absolute Match): PAINTED TO MATCH PMS 431	Vinyl Film Colors (3M Scotchcal): 7725-10 WHITE VINYL
	Drawing #: 1(0)			Electrical Requirements: 1Ø / 3Ø	Quantity: 1		
Address: 21027 CROSSROADS CR	Sheet: 1 of 1			Sign Specifications: NOTED ABOVE			
City, State: WAUKESHA, WI 53186	Scale: 1"= 1'						
Sales Rep: STEPHEN PROCHASKA	Designer: JJ						

Client Signature: Signature / Date

NOTICE: Michael's Signs, Inc. does NOT provide primary electrical to sign location - RESPONSIBILITY OF OTHERS

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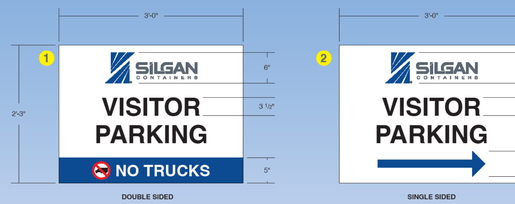
NOTE: DUE TO THE PHYSICAL LIMITATIONS OF THE PAPER AND INK INVOLVED IN THIS PRINTING PROCESS, THIS CUSTOM ARTWORK IS NOT INTENDED TO PROVIDE AN EXACT MATCH TO THE ACTUAL FINISHED PAINTED PRODUCT.

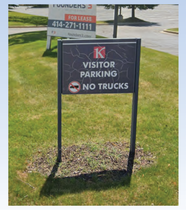
OVERLAY PANELS 1



DOUBLE SIDED — SINGLE SIDED — SINGLE SIDED

SILGAN / POST & PANEL OVERLAYS

3MM DIBOND PANELS WITH DIGITAL PRINTED VINYL OVERLAY
INSTALLED OVER EXISTING SIGN FACE WITH DOUBLE SIDED TAPE
OPTION EXISTING POST & PANEL PAINTED TO MATCH PMS 431 C



EXISTING (SIGN 1)

PROPOSED (SIGN 1)

PROPOSED (SIGN 1)
W/ EXISTING POST & PANEL PAINTED PMS 431

Michael's Signs — "We Protect Your Image" — PH: (262) 654-6066 TOLL FREE: (800) 554-8119

Client: SILGAN CONTAINERS	Date: 07-30-24	REVISION		Illumination: NO / YES TYPE	SINGLE SIDED / DOUBLE SIDED	Paint Colors (Absolute Match): *OPTION* MATCH PMS 431	Vinyl Film Colors (3M Scotchcal): DIGITAL PRINT
	Drawing #: 1(0)			Electrical Requirements: 1Ø / 3Ø	Quantity: NOTED		
Address: 21027 CROSSROADS CR	Sheet: 1 of 1			Sign Specifications: NOTED ABOVE			
City, State: WAUKESHA, WI 53186	Scale: 1"= 1'						
Sales Rep: STEPHEN PROCHASKA	Designer: JJ						

Client Signature: Signature / Date

NOTICE: Michael's Signs, Inc. does NOT provide primary electrical to sign location - RESPONSIBILITY OF OTHERS

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OVERLAY PANELS 2

DOUBLE SIDED — SINGLE SIDED — DOUBLE SIDED

SILGAN / POST & PANEL OVERLAYS

3MM DIBOND PANELS WITH DIGITAL PRINTED VINYL OVERLAY
INSTALLED OVER EXISTING SIGN FACE WITH DOUBLE SIDED TAPE
OPTION EXISTING POST & PANEL PAINTED TO MATCH PMS 431 C

EXISTING (SIGN 8)

EXISTING (SIGN 8)

EXISTING (SIGN 8)
W/ EXISTING POST & PANEL PAINTED PMS 431

Michael's Signs — "We Protect Your Image" — PH: (262) 654-6066 TOLL FREE: (800) 554-8119

Client: SILGAN CONTAINERS	Date: 07-30-24	REVISION		Illumination: NO / YES TYPE	SINGLE SIDED / DOUBLE SIDED	Paint Colors (Absolute Match): *OPTION* MATCH PMS 431	Vinyl Film Colors (3M Scotchcal): DIGITAL PRINT
	Drawing #: 1(0)			Electrical Requirements: 1Ø / 3Ø	Quantity: NOTED		
Address: 21027 CROSSROADS CR	Sheet: 1 of 1			Sign Specifications: NOTED ABOVE			
City, State: WAUKESHA, WI 53186	Scale: 1"= 1'						
Sales Rep: STEPHEN PROCHASKA	Designer: JJ						

Client Signature: Signature / Date

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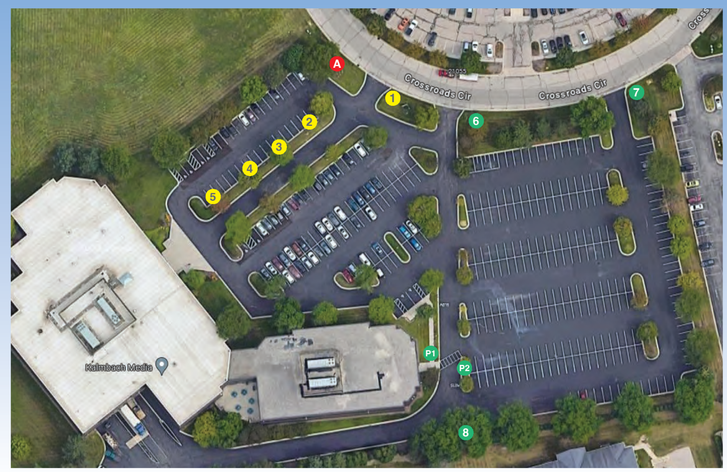
SITE PLAN



Michael's Signs — "We Protect Your Image" — PH: (262) 654-6066 TOLL FREE: (800) 554-8119

Client: SILGAN CONTAINERS	Date: 07-30-24	REVISION		Illumination: NO / YES TYPE	SINGLE SIDED / DOUBLE SIDED	Paint Colors (Absolute Match):	Vinyl Film Colors (3M Scotchcal):
	Drawing #: 1(0)			Electrical Requirements: 1Ø / 3Ø	Quantity:		
Address: 21027 CROSSROADS CR	Sheet: 1 of 1			Sign Specifications: NOTED ABOVE			
City, State: WAUKESHA, WI 53186	Scale: NA						
Sales Rep: STEPHEN PROCHASKA	Designer: JJ						

Client Signature: Signature / Date

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MSI GENERAL CORPORATION
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MILESTONE ISSUE DATES

PRELIMINARY SET:	6/14/2024
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LOCAL DESIGN REVIEW SET:	
PROPOSAL SET:	
PERMIT SET:	
CONSTRUCTION SET:	
RECORD DRAWING SET:	

REVISIONS:

SILGAN

PROJECT NAME:
SILGAN CROSSROADS REMODEL

PROJECT DESCRIPTION:
REMODEL & NEW ADDITION(S)

STREET ADDRESS:
21027 CROSSROADS CIRCLE

CITY/ STATE / ZIP:
WAUKESHA, WISCONSIN 53186

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

PROJECT ARCHITECT	STRUCTURAL ENGINEER	LANDSCAPE DESIGN
AMH	DJS	XXX

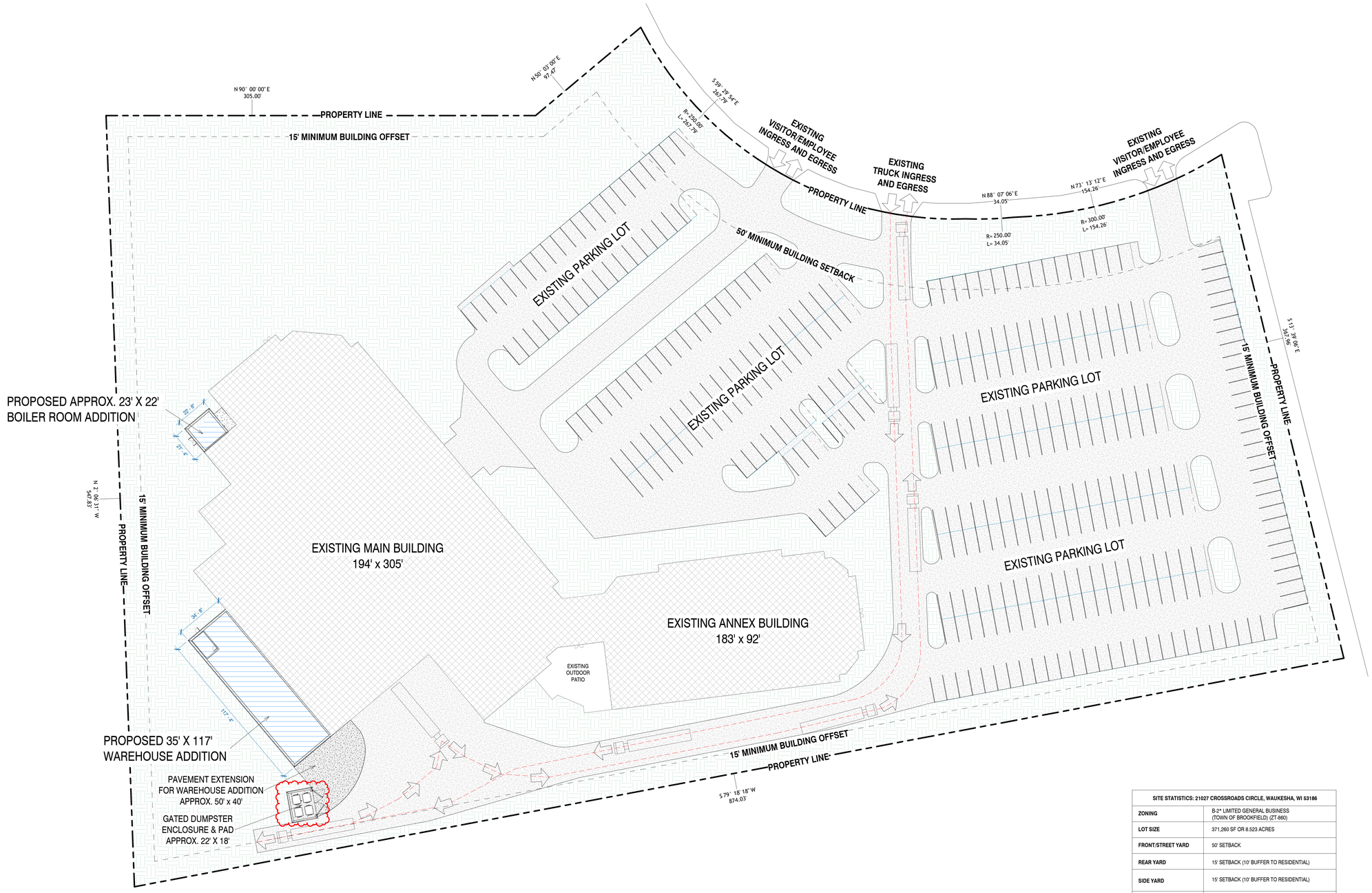
DESIGN ARCHITECT	CIVIL ENGINEER	REVIEWED BY
NWY	HARWOOD	XXX

SHEET TITLE:
SIGNAGE PLAN

SHEET NUMBER:
G-301

PROJECT NUMBER: P13439
P13439

BUDGET SET - NOT FOR CONSTRUCTION - 07/29/2024



1 ARCHITECTURAL SITE PLAN
1" = 30'-0"

NORTH

SITE STATISTICS: 21027 CROSSROADS CIRCLE, WAUKESHA, WI 53186	
ZONING	B-2* LIMITED GENERAL BUSINESS (TOWN OF BROOKFIELD) (ZT-860)
LOT SIZE	371,260 SF OR 8.523 ACRES
FRONT/STREET YARD	50' SETBACK
REAR YARD	15' SETBACK (10' BUFFER TO RESIDENTIAL)
SIDE YARD	15' SETBACK (10' BUFFER TO RESIDENTIAL)
BUILDING FOOT PRINT	EXISTING 118,354 SF± 50% FAR
BUILDING HEIGHT	UNLIMITED
PAVING	
TOTAL IMPERVIOUS SURFACES	75% MAX ALLOWED ± TBD PROPOSED
TOTAL GREENSPACE	
PARKING SPACES	EXISTING 350 PARKING SPACES

SITE INFO
3/16" = 1'-0"

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PERMIT SET:	
CONSTRUCTION SET:	
RECORD DRAWING SET:	

REVISIONS:

ADD-A	ADDENDUM - A	XX/XX/XXXX

SILGAN

AREA A
AREA B
AREA C

PROJECT NAME:
SILGAN CROSSROADS REMODEL

PROJECT DESCRIPTION:
REMODEL & NEW ADDITION(S)

STREET ADDRESS:
21027 CROSSROADS CIRCLE

CITY, STATE, ZIP:
WAUKESHA, WISCONSIN 53186

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

PROJECT ARCHITECT:	STRUCTURAL ENGINEER:	LANDSCAPE DESIGN:
AMH	DJS	XXX

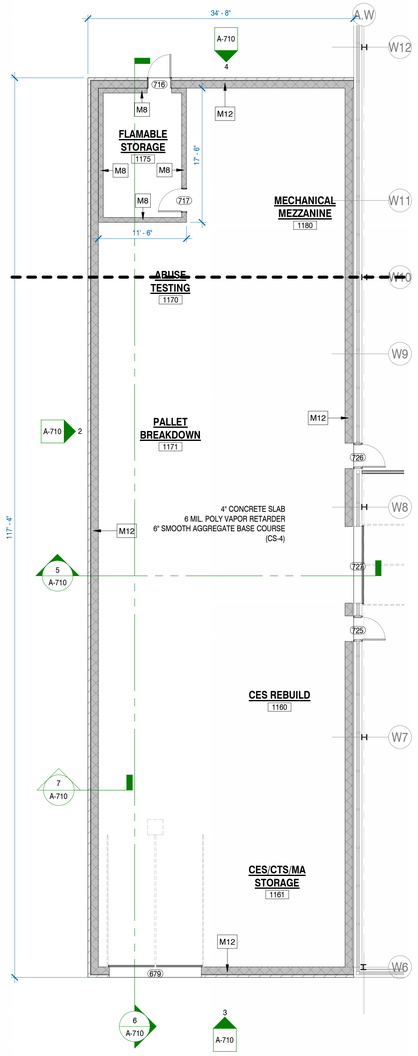
DESIGN ARCHITECT:	CIVIL ENGINEER:	REVIEWED BY:
NWY	HARWOOD	XXX

SHEET TITLE:
ARCHITECTURAL SITE PLAN

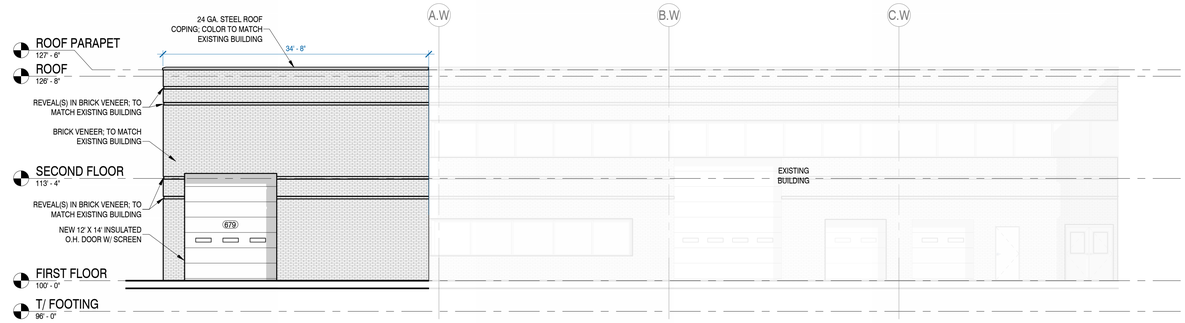
SHEET NUMBER:
AS-101

PROJECT NUMBER: P13439
P13439

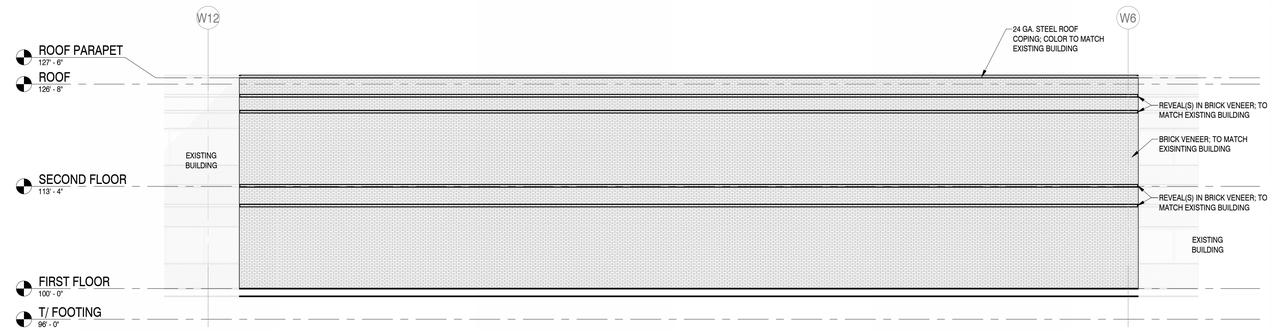
BUDGET SET - NOT FOR CONSTRUCTION - 07/29/2024



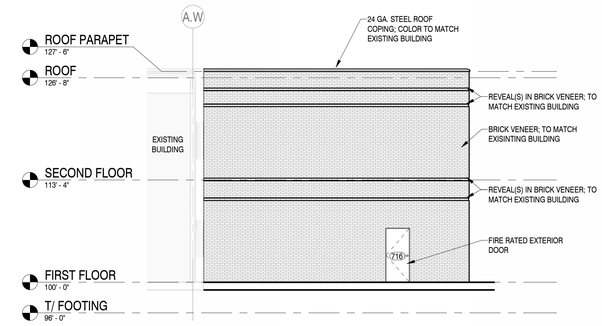
1 FIRST FLOOR PLAN WAREHOUSE ADDITION
1/8" = 1'-0"



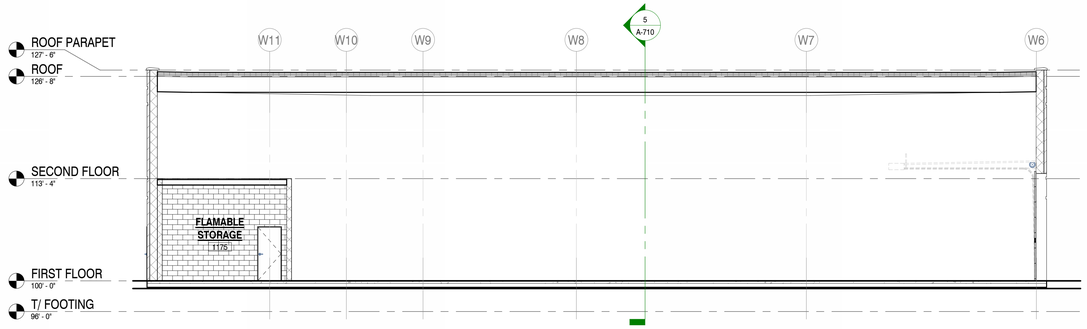
3 WAREHOUSE ADDITION - EAST ELEVATION
1/8" = 1'-0"



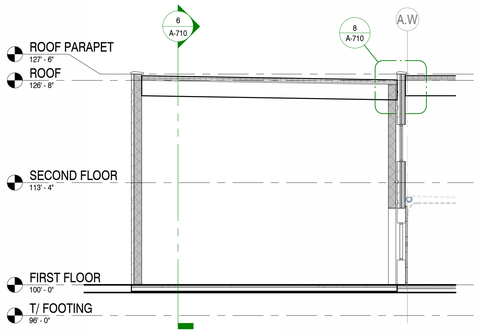
2 WAREHOUSE ADDITION - WEST ELEVATION
1/8" = 1'-0"



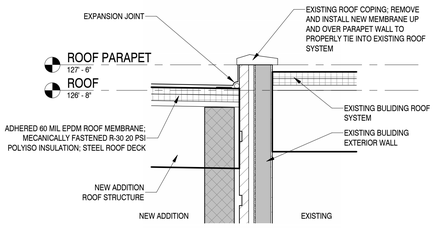
4 WAREHOUSE ADDITION - NORTH ELEVATION
1/8" = 1'-0"



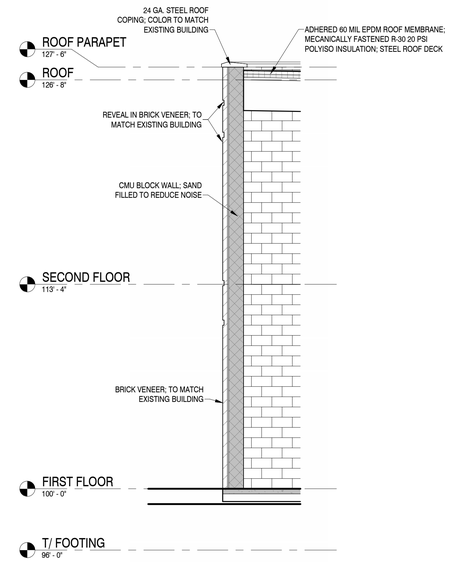
6 WAREHOUSE ADDITION BUILDING SECTION 2
1/8" = 1'-0"



5 WAREHOUSE ADDITION BUILDING SECTION 1
1/8" = 1'-0"



8 WAREHOUSE ADDITION TO EXISTING DETAIL
1/2" = 1'-0"



7 TYP. WAREHOUSE ADDITION WALL SECTION
1/4" = 1'-0"

GENERAL NOTES - FLOOR PLAN(S)

A. MOISTURE RESISTANT GWB AT ALL LOCATIONS EXPOSED TO MOISTURE (BATHROOMS, JANITOR PLUMING ROOMS, KITCHENS, ETC. AND EXTERIOR WINDOW AND DOOR HEAD AND JAMB RETURNS)

B. ALL WALL AREAS DESIGNATED TO RECEIVE TILE WALL SHALL HAVE CEMENT BOARD BACKER INSTALLED, EXCEPT AT TILE BASE AREAS WHICH CAN BE INSTALLED TO GYPSUM BOARD. VERIFY RESPONSIBILITY WITH SCOPE OF WORK.

C. APPLIANCES, FURNITURE, AND EQUIPMENT BY OWNER, SHOWN FOR REFERENCE ONLY. (UNLESS OTHERWISE NOTED)

D. ALL WALLS NOT LABLED WITH A WALL TYPE, SHOULD FOLLOW THE TYPICAL TYPE THAT IS CALLED OUT ON PLANS.

E. PROVIDE BLOCKING IN WALLS WHERE CABINETS, TOLIET ACCESSORIES, GRAB BARS, WALL MOUNTED TVS, ETC. ARE SHOWN ON PLANS.

F. REFER TO SHEET A-601 FOR DOOR AND WINDOW SCHEDULES.

G. REFER TO SHEET I-601 FOR ROOM, DOOR AND WINDOW FINISHES.

SHEET NOTES - FLOOR PLAN(S)

NOTE: THESE NOTES APPLY ONLY TO THIS SHEET

NO.	DESCRIPTION

SHEET NOTES - EXT. ELEVATIONS

NOTE: THESE NOTES APPLY ONLY TO THIS SHEET

NO.	DESCRIPTION

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LOCAL DESIGN REVIEW SET:	
PROPOSAL SET:	
PERMIT SET:	
CONSTRUCTION SET:	
RECORD DRAWING SET:	

REVISIONS:

SILGAN

PROJECT NAME
SILGAN CROSSROADS REMODEL

PROJECT DESCRIPTION
REMODEL & NEW ADDITION(S)

STREET ADDRESS
21027 CROSSROADS CIRCLE

CITY/ STATE / ZIP
WAUKESHA, WISCONSIN 53186

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

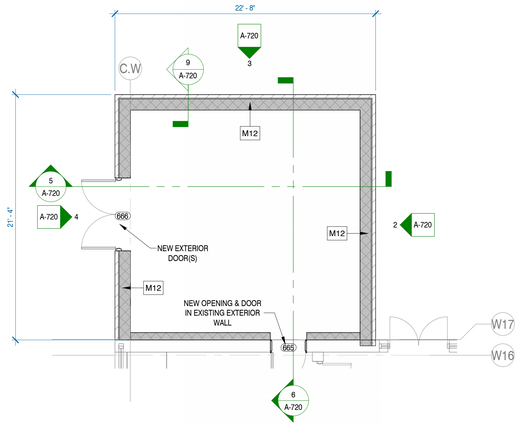
PROJECT ARCHITECT	STRUCTURAL ENGINEER	LANDSCAPE DESIGN
AMH	DJS	XXX
DESIGN ARCHITECT	CIVIL ENGINEER	REVIEWED BY
NWY	HARWOOD	XXX

SHEET TITLE:
WAREHOUSE ADDITION

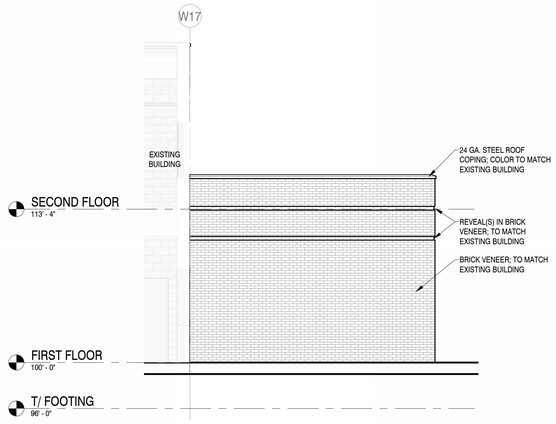
SHEET NUMBER:
A-710

PROJECT NUMBER: P13439
P13439

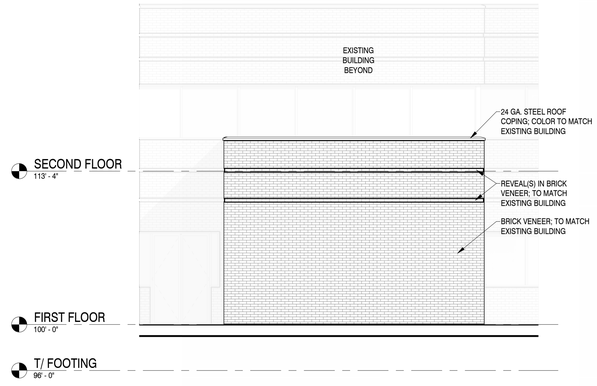
BUDGET SET - NOT FOR CONSTRUCTION - 07/29/2024



1 FIRST FLOOR PLAN - BOILER ROOM ADDITION
3/16" = 1'-0"



2 BOILER ROOM ADDITION - EAST ELEVATION
3/16" = 1'-0"



3 BOILER ROOM ADDITION - NORTH ELEVATION
3/16" = 1'-0"

GENERAL NOTES - FLOOR PLAN(S)

A. MOISTURE RESISTANT GWB AT ALL LOCATIONS EXPOSED TO MOISTURE (BATHROOMS, JANITOR PLUMING ROOMS, KITCHENS, ETC. AND EXTERIOR WINDOW AND DOOR HEAD AND JAMB RETURNS)

B. ALL WALL AREAS DESIGNATED TO RECEIVE TILE WALL SHALL HAVE CEMENT BOARD BACKER INSTALLED, EXCEPT AT TILE BASE AREAS WHICH CAN BE INSTALLED TO GYPMSUM BOARD. VERIFY RESPONSIBILITY WITH SCOPE OF WORK.

C. APPLIANCES, FURNITURE, AND EQUIPMENT BY OWNER, SHOWN FOR REFERENCE ONLY. (UNLESS OTHERWISE NOTED)

D. ALL WALLS NOT LABLED WITH A WALL TYPE, SHOULD FOLLOW THE TYPICAL TYPE THAT IS CALLED OUT ON PLANS.

E. PROVIDE BLOCKING IN WALLS WHERE CABINETS, TOLIET ACCESSORIES, GRAB BARS, WALL MOUNTED TVS, ETC. ARE SHOWN ON PLANS.

F. REFER TO SHEET A-601 FOR DOOR AND WINDOW SCHEDULES.

G. REFER TO SHEET I-601 FOR ROOM, DOOR AND WINDOW FINISHES.

SHEET NOTES - FLOOR PLAN(S)

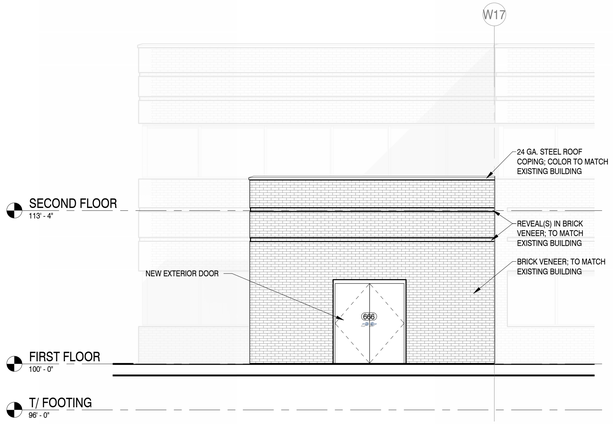
NOTE: THESE NOTES APPLY ONLY TO THIS SHEET

NO.	DESCRIPTION

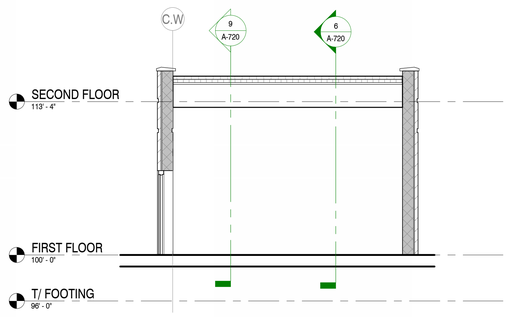
SHEET NOTES - EXT. ELEVATIONS

NOTE: THESE NOTES APPLY ONLY TO THIS SHEET

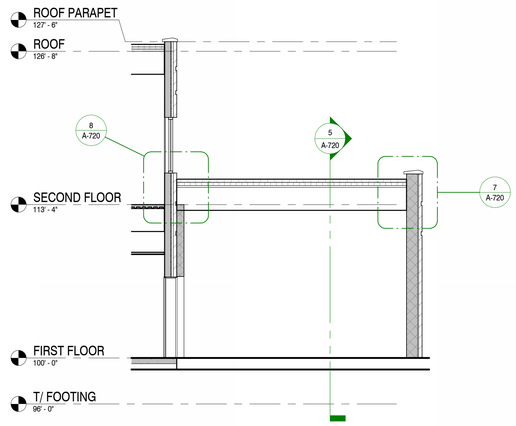
NO.	DESCRIPTION



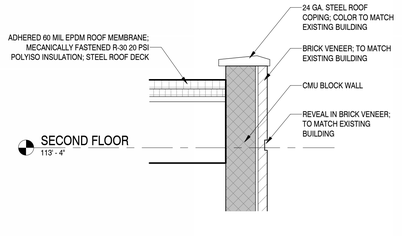
4 BOILER ROOM ADDITION - WEST ELEVATION
3/16" = 1'-0"



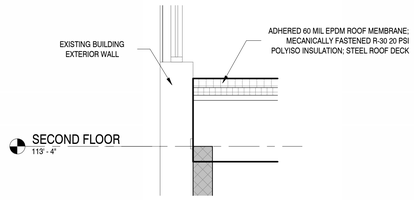
5 BOILER ADDITION BUILDING SECTION 1
3/16" = 1'-0"



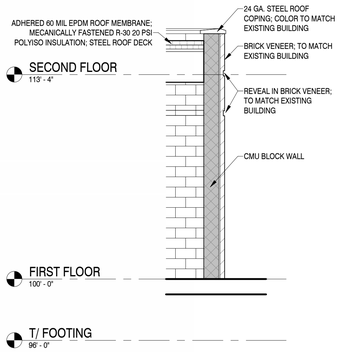
6 BOILER ADDITION BUILDING SECTION 2
3/16" = 1'-0"



7 BOILER ADDITION ROOF EDGE DETAIL
1/2" = 1'-0"



8 BOILER ADDITION TO EXISTING DETAIL
1/2" = 1'-0"



9 TYP. BOILER ROOM ADDITION WALL SECTION
1/4" = 1'-0"

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DESIGNBUILD
MSI GENERAL CORPORATION
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NASHOTAH, WI 53058
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SINGLE SOURCE RESPONSIBILITY
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MILESTONE ISSUE DATES

PRELIMINARY SET:	6/14/2024
BUDGET SET:	7/11/2024
LOCAL DESIGN REVIEW SET:	
PROPOSAL SET:	
PERMIT SET:	
CONSTRUCTION SET:	
RECORD DRAWING SET:	

REVISIONS:

SILGAN

AREA A
AREA B
AREA C

PROJECT NAME
SILGAN CROSSROADS
REMODEL

PROJECT DESCRIPTION
REMODEL & NEW ADDITION(S)

STREET ADDRESS
21027 CROSSROADS CIRCLE

CITY/ STATE / ZIP
WAUKESHA, WISCONSIN 53186

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

PROJECT ARCHITECT	STRUCTURAL ENGINEER	LANDSCAPE DESIGN
AMH	DJS	XXX
DESIGN ARCHITECT	CIVIL ENGINEER	REVIEWED BY
NWY	HARWOOD	XXX

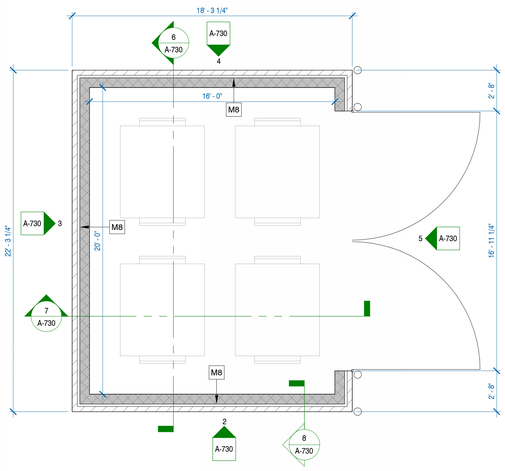
SHEET TITLE:
BOILER ROOM ADDITION

SHEET NUMBER:
A-720

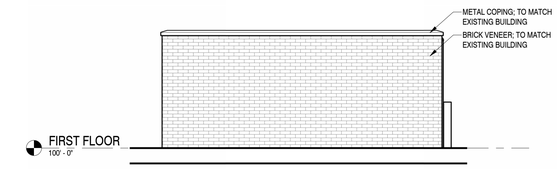
PROJECT NUMBER: P13439
P13439

LEADERS ▪ ENGINEERS ▪ CONTRACTORS ▪ ARCHITECTS

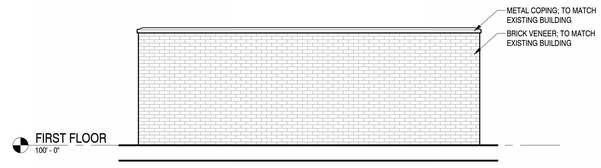
BUDGET SET - NOT FOR CONSTRUCTION - 07/29/2024



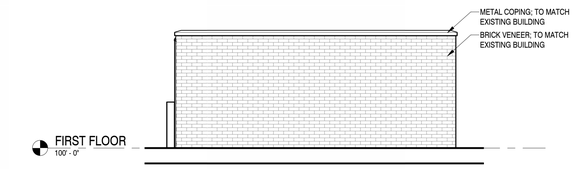
1 FLOOR PLAN - DUMPSTER ENCLOSURE
1/4" = 1'-0"



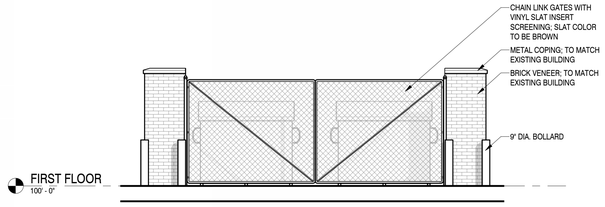
2 DUMPSTER ENCLOSURE - SOUTH ELEVATION
1/4" = 1'-0"



3 DUMPSTER ENCLOSURE - WEST ELEVATION
1/4" = 1'-0"



4 DUMPSTER ENCLOSURE - NORTH ELEVATION
1/4" = 1'-0"



5 DUMPSTER ENCLOSURE - EAST ELEVATION
1/4" = 1'-0"

9 ARCHITECTURAL SITE PLAN - DUMPSTER ENCLOSURE
1" = 20'-0"

6 DUMPSTER ENCLOSURE BUILDING SECTION 1
1/4" = 1'-0"

7 DUMPSTER ENCLOSURE BUILDING SECTION 2
1/4" = 1'-0"

8 TYP. DUMPSTER ENCLOSURE WALL SECTION
1/2" = 1'-0"

GENERAL NOTES - FLOOR PLAN(S)

A. MOISTURE RESISTANT GWB AT ALL LOCATIONS EXPOSED TO MOISTURE (BATHROOMS, JANITOR PLUMING ROOMS, KITCHENS, ETC. AND EXTERIOR WINDOW AND DOOR HEAD AND JAMB RETURNS)

B. ALL WALL AREAS DESIGNATED TO RECEIVE TILE WALL SHALL HAVE CEMENT BOARD BACKER INSTALLED, EXCEPT AT TILE BASE AREAS WHICH CAN BE INSTALLED TO GYPMSUM BOARD. VERIFY RESPONSIBILITY WITH SCOPE OF WORK.

C. APPLIANCES, FURNITURE, AND EQUIPMENT BY OWNER, SHOWN FOR REFERENCE ONLY. (UNLESS OTHERWISE NOTED)

D. ALL WALLS NOT LABLED WITH A WALL TYPE, SHOULD FOLLOW THE TYPICAL TYPE THAT IS CALLED OUT ON PLANS.

E. PROVIDE BLOCKING IN WALLS WHERE CABINETS, TOLIET ACCESSORIES, GRAB BARS, WALL MOUNTED TVS, ETC. ARE SHOWN ON PLANS.

F. REFER TO SHEET A-601 FOR DOOR AND WINDOW SCHEDULES.

G. REFER TO SHEET I-601 FOR ROOM, DOOR AND WINDOW FINISHES.

SHEET NOTES - FLOOR PLAN(S)

NOTE: THESE NOTES APPLY ONLY TO THIS SHEET

NO.	DESCRIPTION

SHEET NOTES - EXT. ELEVATIONS

NOTE: THESE NOTES APPLY ONLY TO THIS SHEET

NO.	DESCRIPTION

MSI GENERAL
DESIGNBUILD
MSI GENERAL CORPORATION
W215 E. WISCONSIN AVE.
NASHOTAH, WI 53058
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SINGLE SOURCE RESPONSIBILITY
DESIGNING EXCELLENCE. BUILDING TRUST TM

MILESTONE ISSUE DATES

PRELIMINARY SET:	6/14/2024
BUDGET SET:	7/11/2024
LOCAL DESIGN REVIEW SET:	
PROPOSAL SET:	
PERMIT SET:	
CONSTRUCTION SET:	
RECORD DRAWING SET:	

REVISIONS:

SILGAN

PROJECT NAME:
SILGAN CROSSROADS REMODEL

PROJECT DESCRIPTION:
REMODEL & NEW ADDITION(S)

STREET ADDRESS:
21027 CROSSROADS CIRCLE

CITY / STATE / ZIP:
WAUKESHA, WISCONSIN 53186

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

PROJECT ARCHITECT	STRUCTURAL ENGINEER	LANDSCAPE DESIGN
AMH	DJS	XXX
DESIGN ARCHITECT	CIVIL ENGINEER	REVIEWED BY
NWY	HARWOOD	XXX

SHEET TITLE:
DUMPSTER ENCLOSURE

SHEET NUMBER:
A-730

PROJECT NUMBER:
P13439
P13439

LEADERS ▪ ENGINEERS ▪ CONTRACTORS ▪ ARCHITECTS

BUDGET SET - NOT FOR CONSTRUCTION - 07/29/2024