THIS IS A 3-PAGE FORM - ALL INFORMATION IS REQUIRED FOR PROJECT REVIEW

HISTORIC DISTRICT COMMISSION PROJECT REVIEW REQUEST

Date: 02-10-2022

City of Detroit - Planning & Development Department 2 Woodward Avenue, Suite 808 Detroit, Michigan 48226

PROPERTY INFORMATION	
ADDRESS: 931 Covington Drive AKA: Cambr	idge House
HISTORIC DISTRICT: Palmer Park Apartment Buildings Historic Distric	ct
SCOPE OF WORK: Windows/Doors Roof/Gutters/Chimney Porch/Deck New Construction Demolition Addition	Landscape/Fence/ General Rehab Other: Trash Enclosure
APPLICANT IDENTIFICATION	
Property Owner/ Homeowner Contractor Tenant or Business Occupar NAME: Kevin Brandon COMPANY NAME: BmK D	
	ATE: MI ZIP: 48203
	AIL: kmb@bmkdp.com
PROJECT REVIEW REQUEST CHECKLIST	
Please attach the following documentation to your request: *PLEASE KEEP FILE SIZE OF ENTIRE SUBMISSION UNDER 30MB*	,
Completed Building Permit Application (highlighted portions only ePLANS Permit Number (only applicable if you've already applied	Based on the scope of work, additional documentation may be required.
for permits through ePLANS) Photographs of ALL sides of existing building or site	See www.detroitmi.gov/hdc for scope-specific requirements.
Detailed photographs of location of proposed work (photographs to show existing condition(s), design, color, & material)	
Description of existing conditions (including materials and design	n)
Description of project (if replacing any existing material(s), include replacementrather than repairof existing and/or construction of	
Detailed scope of work (formatted as bulleted list)	
	product(s), as applicable

Upon receipt of this documentation, staff will review and inform you of the next steps toward obtaining your building permit from the Buildings, Safety Engineering and Environmental Department (BSEED) to perform the work.

SUBMIT COMPLETED REQUESTS TO HDC@DETROITMI.GOV

P2 - BUILDING PERMIT APPLICATION

PROPERTY INFORMATION Address: 931 Covington Drive _____ Floor: _____ Suite#: ___ Stories: ____ AKA. Cambridge House _____Lot(s): _____ Subdivision: _____ Parcel ID#(s): _____ Total Acres: ____ Lot Width: ____ Lot Depth: ____ Current Legal Use of Property: Proposed Use: Are there any existing buildings or structures on this parcel?

Yes

No PROJECT INFORMATION New Alteration Addition Demolition Correct Violations Permit Type: Foundation Only Change of Use Temporary Use Other: Trash Enclosure (Original permit has been issued and is active) Revision to Original Permit #: **Description of Work** (Describe in detail proposed work and use of property, attach work list) Construction of brick trash enclosure, landscape/hardscape and front building entry. MBC use change No MBC use change **Included Improvements** (Check all applicable; these trade areas require separate permit applications) HVAC/Mechanical Electrical Plumbing Fire Sprinkler System Fire Alarm **Structure Type** New Building Existing Structure Tenant Space Garage/Accessory Building Other: _____ Size of Structure to be Demolished (LxWxH) ____ cubic ft. Construction involves changes to the floor plan? Yes (e.g. interior demolition or construction to new walls) Use Group: Type of Construction (per current MI Bldg Code Table 601) Estimated Cost of Construction \$ _____ \$ ____ By Contractor By Department Structure Use Residential-Number of Units: Office-Gross Floor Area Industrial-Gross Floor Area Commercial-Gross Floor Area: _____ Institutional-Gross Floor Area _____ Other-Gross Floor Area _____ Proposed No. of Employees: List materials to be stored in the building: PLOT PLAN SHALL BE submitted on separate sheets and shall show all easements and measurements (must be correct and in detail). SHOW ALL streets abutting lot, indicate front of lot, show all buildings, existing and proposed distances to lot lines. (Building Permit Application Continues on Next Page) For Building Department Use Only Date: Fees Due: DngBld? No Intake By: Permit Description: Current Legal Land Use: Proposed Use: _____ Permit#: _____ Date Permit Issued: _____ Permit Cost: \$ _____ _____ Zoning Grant(s): Zoning District: Lots Combined? Yes No (attach zoning clearance) Revised Cost (revised permit applications only) Old \$ _____ New \$____
 Structural:
 _______ Notes:
 _____ Date: _____ Notes: _____ Zoning: _ Date: _____ Notes: ____ Other:

P2 - BUILDING PERMIT

IDENTIFICATION (All Fi	elds Require	d)		
Property Owner/Homeowr	ner 🗌	Property Owner/Homeow	ner is Permit A	pplicant
Name: Kevin Brandon		Company Name:	BmK Design	+Planning,LLC
Address: 10 E. Main Stree	t, Suite 201	City: Detroit	State: MI	Zip: 06608
Phone:		Mobile: 248-303	-1446	
Driver's License #:		Email: kmb@bml	kdp.com	
Contractor	ctor is Permit	Applicant		
Representative Name:		Company Name	e:	
Address:				
Phone:	Mobile:	Email:		
City of Detroit License #:				
			A 1: .	
TENANT OR BUSINESS		_		
Name:	Phone:	Email:		
ARCHITECT/ENGINEER	R/CONSULT	ANT Architect/Engir	eer/Consultant	is Permit Applicant
Name: Kevin Brandon				
Address: 54048 Mound Ro	pad	City: Shelby Towns	ship State: MI	Zip: 48316
Phone: 248-303-1446	Mobile:	Email:	kmb@bmkdp	o.com
		y required for residential permi		
I hereby certify that I am the I on this permit application sha requirements of the City of D inspections related to the inst other person, firm or corpora	all be complete etroit and take tallation/work h	ed by me. I am familiar with full responsibility for all co nerein described. I shall ne	n the applicable ode compliance ither hire nor su	e codes and e, fees and ub-contract to any
Print Name: (Homeo		Signature:		Date:
Subscribed and sworn to before	· · · · · · · · · · · · · · · · · · ·			
Signature:	(Notary Public)	My Comn	nission Expires:	
	PERMIT A	APPLICANT SIGNATURE		
I hereby certify that the information restrictions that may apply to certify that the proposed wo to make this application as the all applicable laws and ordininspections are requested at the previous inspection and	o this construct rk is authorized ne property ow ances of jurisdi and conducted	ion and am aware of my r d by the owner of the reco ner(s) authorized agent. F iction. I am aware that a d within 180 days of the	esponsibility thord and I have burther I agree permit will ex	ereunder. I been authorized to conform to pire when no
Print Name: Kevin Brando (Permit Ap	n	Signature: Kevin Brandon	Digitally signed by Kevin Brandon Date: 2022.03.03 11:44:38 -05'00'	Date: 03-03-2022
Driver's License #: B653465		Expiration: 08	-15-2023	
Subscribed and sworn to before				County, Michigan
C : .		My Commission Exp		_ ,, - , ,
(Notal	ry Public)			
		uction code act of 1972,		

Section 23a of the state construction code act of 1972, 1972PA230, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Visitors of Section 23a are subject to civil fines.

This application can also be completed online. Visit detroitmi.gov/bseed/elaps for more information.





54048 Mound Road Shelby Township Michigan 48316

February 10, 2022-REV March 25,2022

Historic District Commission Review
931 Covington Drive, Cambridge House
Trash Enclosures, Landscaping/Hardscaping and Entry

Trash Enclosure

Description of Existing Conditions

The area proposed for the trash enclosure is off the existing alley behind The Cambridge Apartment building. A photo survey of existing conditions is attached.

Description of Project

The project consists of a newly constructed trash enclosure. The enclosure is 12'x12'. The construction of the trash enclosure is of brick veneer facing on 8" concrete block. The brick veneer selected closely resembles the existing brick of the apartment building. The enclosure shall be roofed with a metal standing seam roof. The enclosure will have a secured access door for the apartment tenants. There will also be an overhead door that will completely secure the trash containers. It is intention of the enclosure to provide a secure and sanitary solution to a generally unsightly problem. The location of the trash location is provided on an attached site plan.

The enclosure construction was started prior to obtaining HDC Certificate of Appropriateness and BSEED permit, it is partially complete. It was decided to start foundations and block work prior to the impending winter weather so that the enclosure would be finished with the completion of the apartment building renovation.

Landscaping

Description of Existing Conditions

The area of the landscape area located is in the front yard and center courtyard of The Cambridge Apartment building. The area between both apartment buildings was a non-conforming parking lot in extremely poor condition A photo survey of completed work prior to grass sod is attached.

Description of Project

This submittal request is for the landscaping for both 885 and 931 Covington. A center courtyard provides a link to and a focal point for the two apartment buildings with a 35' tall evergreen tree

at its entry. A 6'-0' high steel fence with gate is separates the front courtyard to the rear. New brick piers have been built in a similar style to the damage and broken existing columns. Also, note that the public sidewalk was replaced, at the owner's own expense. Supplemental Material and Plans are attached.

The landscaping was completed without obtaining HDC Certificate of Appropriateness. It was an oversight by the ownership group team to the fact that HDC approval was required for landscaping.

Front Entry

Description of Project

The front entry has been construction with slight modifications to the approved permitted plans. The approved plans had horizontal 2X2 steel tubes to create a grid panel. These were eliminated with only the vertical 2x2 steel tubes installed. This was due to the ownership group not wanting anyone to be able to climb on the roof. The original design had a 12" high fascia. The fascia as constructed is 16". This was because a small parapet was required for roofing and metal coping allowances. A photo survey of constructed conditions is attached as well as drawing documents.

Product Data

See attached brochures and cut sheets for additional information.

Trash Enclosures

- Brick: Glen-Gery, 160M, Rugged Texture, Gray Mortar
- Standing Seam Roof: PAC-CLAD, Snap Clad, Matte Black Steel
- Gutters: K-Style, Matte Black
- Overhead Door: Clopay, Model 1500, Sectional Steel, Black
- Windows: Andersen Windows, 400 Series, Aluminum, Fixed, Black
- Man Door: TRU Door, Flush Hollow Metal, Black

Landscaping

- Brick: Glen-Gery, 160M, Rugged Texture, Gray Mortar
- Steel Fence: Guardsman, Kent 2 Rail, Black
- Brick Piers Light Fixture: Franklin Iron Works, Rockford Collection, 20 ¼" H.
 Bronze, Style #V5569

Pre-Construction Existing Conditions Photos Rear Ally-Trash Enclosure Locations



Photo 1: View from Alley



Photo 2: View of Right Center Area from Alley



Photo 3: Image of garbage in the alley from surrounding apartments



Photo 4: Image of Neighboring Apartment Building Trash in Alle γ

Landscaping – Photos



Photo 1: 931 Covington from Street showing 35' tall evergreen



Photo 2: 931 Covington form Street



Photo 3 Courtyard view of 931 Covington



Photo 4: View of 885/931 Covington



Photo 5: view of 931 Covington



Photo 6: View of Central Courtyard between 885/931



Photo 7: View of Central Courtyard from Street

Front Entry – Photos



Photo1: 931 Covington Entry



Photo 2: 931 Covington Entry

Typical Renovated Apartment (885 Covington)



Photo 1: Apartment Kitchen



Photo 2: Apartment Kitchen



Photo 3: Apartment Living



Photo 5: Apartment Bedroom



Photo 6: Apartment Bathroom

Trash Enclosure Materials



Brick: Glen-Gery, 160M, Rugged Texture, Gray Mortar

SNAP-CLAD PANEL

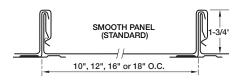
MATERIALS

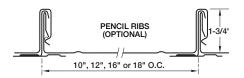
.032 aluminum 24 gauge steel .040 aluminum 22 gauge steel

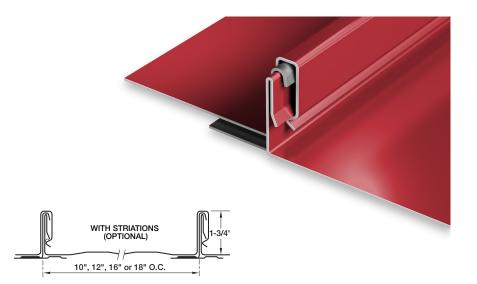
SPECS

10", 12", 16" or 18" O.C. 1-3/4" High

UL-90







PRODUCT FEATURES

- ► Architectural/structural panel
- ▶ Factory-applied sealant available
- ▶ Continuous interlock
- ▶ Labor-saving one-piece design
- ▶ Pencil ribs upon request
- ▶ Striations upon request
- ▶ Factory eave notching available
- ▶ 30-year-non-prorated finish warranty
- Maximum factory-produced panel length is 64' (check w/factory for longer lengths)
- ▶ Weathertightness warranty available

- ▶ 43 stocked colors (24 gauge steel)
- ▶ 16 Stocked colors (22 gauge steel)
- ▶ 36 stocked colors (.032 aluminum)
- 22 stocked colors (.040 aluminum)
- ▶ Panels available in Galvalume Plus

UL CLASSIFICATION

- ▶ UL-580 Class 90 wind uplift
- ▶ UL-1897 wind uplift
- ▶ UL-790 Class A fire rated
- ▶ UL-263 fire resistance rated
- ▶ UL-2218 impact resistance rated

- UL-90 rated aluminum panel up to 16" O.C.
- ▶ UL-90 rated steel panel up to 18" O.C.

ASTM TESTS

- ASTM E1592 tested
- ASTM E283/1680 tested
- ASTM E331/1646 tested

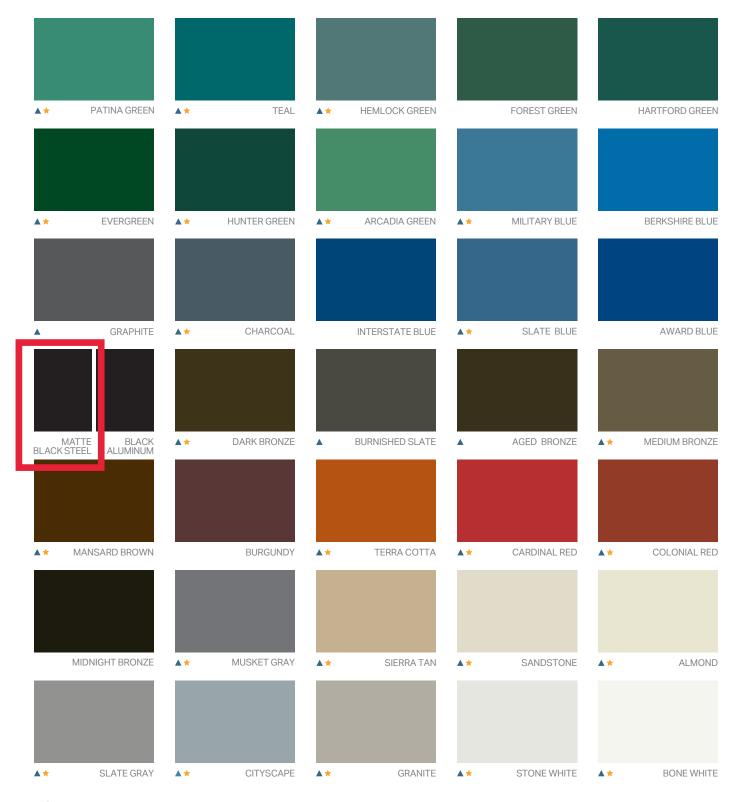
FLORIDA BUILDING & MIAMI-DADE PRODUCT APPROVALS

Please refer to pac-clad.com or your local factory for specific product approval numbers for Snap-Clad.

Note: UL 90 is available on steel panels up to 18" on center, and on aluminum panels up to 16" on center.



Standard Colors





PAC-CLAD.COM

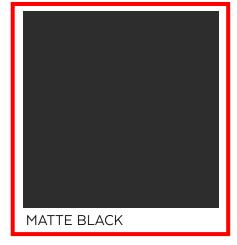
A CARLISLE COMPANY



K-Style Profile

5-V COLOR CHART 26 Gauge x 27.5" Kynar















MEDIUM BRONZE





DARK BRONZE

FOREST GREEN

MILL FINISHED

VALUE PLUS garage doors





VALUE PLUS

Improve your home's appearance and energy efficiency with a Clopay Value Plus insulated garage door. Available in 24 or 25 gauge steel with 1-5/16" polystyrene insulation, Value Plus models offer moderate insulating R-values, strength and security, as well as quiet operation and a beautiful appearance. Choose from two panel styles, many color options and a wide range of window options to create a door that fits your budget and enhances your home's curb appeal.



Tongue-and-Groove Section Joints Shiplap Section Joints



T42S short panel T42L long panel



T52S short panel T52L long panel





Calculated door section R-value is in accordance with DASMA TDS-163.



1500 short panel 76V long panel





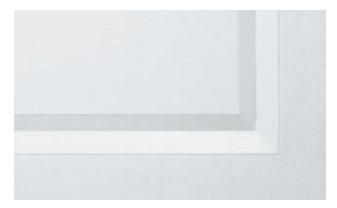
2-LAYER CONSTRUCTION

1-5/16" polystyrene insulation provides comfort, energy efficiency and quiet operation in every season.

- Tongue-and-groove/shiplap section joints help seal out wind, rain and snow.
- Replaceable bottom weatherseal in a rust-resistant aluminum retainer helps prevent elements from entering garage.
- Clopay's Safe-T-Bracket® helps prevent serious injury that could occur if the bottom bracket were removed with the garage door closed and under tension.
- Long-life nylon rollers are smooth and quiet.
- Galvanized steel hinges are durable, reliable and secure.
- Inside/outside step plates and grip handles make doors easy and safe to operate.



DETAIL



Deep panel edging and natural embossed woodgrain texture improve appearance close-up and from the curb.

STYLE



Traditional Short

Complements homes with traditional styling. Models T42S, T52S and 1500.



Traditional Long

Ideal for ranch style homes. Models T42L, T52L and 76V.



COLORS

Standard White Glacier White*† Almond

Desert Tan Sandtone Bronze

- Exterior steel on standard color doors has a natural woodgrain texture.
- Doors can be painted to match the home's exterior using a high-quality latex exterior paint. Do not use oil-based paint.

Due to the printing process, colors may vary. See your Clopay Dealer for color samples.

- *Not available on Models 4050 and 4053.
- $^\dagger Popular$ in select markets, Glacier White is a brighter white.
- [‡]Additional charges apply.

CUSTOM PAINT OPTION



Color Blast® finish offers more than 1,500 Sherwin-Williams® color options to complement your home. Clopay's durable two-part paint system has been thoroughly tested and is backed by a five-year warranty.







Hunter Green



ENVIRONMENTAL ASSURANCE

Clopay doors are compliant with environmental laws and regulations. Clopay doors do not contain HFCs. All Clopay doors are compliant with:

- California SB 1013
- New Jersey A-5583/S-3919 Greenhouse Gas Bill
- Washington HB 1112 Hydrofluorocarbon Greenhouse Gas Emissions
- Canadian regulations amending the ozone-depleting substances and halocarbon alternatives regulations

WARRANTIES



LIMITED 25 YR WARRANTY

LIMITED 10 YR LIMITED 3 YR

Model T42

Models T52, 1500, 76V

T52, All Models

All Models

Model T42S, Short Traditional Panel with Plain Short Windows



400 SERIES PICTURE WINDOW





Interior Exterior

Summary

Product ID#	P4030
Unit Width	48"
Unit Height	35 15/16"
Interior Color	Black
Glass	Low-E4® Glass
Grille Pattern	None
Exterior Color	Black
Exterior Trim Profile	None

LOVE THE LIFE YOU SEETM

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FLUSH HOLLOW METAL DOOR

Heavy-duty steel door for commercial, industrial and institutional applications

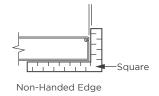
Our stock hollow metal door is an affordable non-handed, square-edge door solution designed to meet your requirements for quality full flush steel doors - for commercial, institutional and industrial applications. Stocked with Steelcraft locations, these doors are designed to satisfy your requirements for durability, security, aesthetics or fire protection. Trudoor is authorized by Warnock Hersey / Intertek to modify, re-certify and label fire-rated metal doors.

Features:

- Heavy-duty, SDI Level 2 18 gauge steel faces
- 1-3/4" Thick, non-handed design with reversible hinge plates
- Polystyrene or rigid honeycomb core
- Inverted top and bottom channels for additional stability and protection
- Interlocking seam enhances structural rigidity and durability
- Heavy gauge hinge reinforcements and door closer reinforcement
- Available with a wide range of glass lites, louvers and hardware preps
- Factory applied rust inhibiting primer (no special color options)
- Fire-rated up to 3 hours with WHI / ITS mylar label applied
- Preps include 161 (cylindrical lock), 86ED (mortise lock), RPD (Rim Panic Reinforced)

Code Compliance:

- Meets or exceeds ANSI A250.6 and A250.6
- Construction meets the requirements of ANSI A250.8
- Listed for installations requiring compliance to negative pressure testing (UL-10B) and positive pressure (UL-10C)
- Florida Product Approved

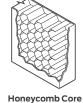


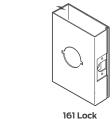
COLOR-BLACK



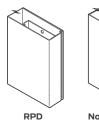


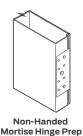
Polystyrene Core











BAA Compliant

Grade and Model:

ANS	ANSI A250.8 - SDI 100		Edga Construction	Maximu	m Sizes	Recommended Gauge
Level	Model	Description	Edge Construction	Single	Pair	of Frame
Level 2: Heavy Duty Commercial		18 gauge (1.0 mm) - h	neavy commercial and ins	stitutional applications w	ith high use	
2	1	Full Flush	Visible	4'0" x 8'0"	8'0" x 8'0"	16 gauge (1.3 mm)

Grades and models defined by Steel Door Institute (SDI)

Manufacturers include Steelcraft and ASSA Abloy

TRUDOOR.COM | 1-844-TRUDOOR TRUDOOR® | PHOENIX, AZ

WINDOW OPTIONS

ndows add natural light to your garage while adding curb appeal to your home. All Clopay window frames are UV-protected and are color mate shed door colors. Window frames screw in from the inside for easy glass replacement or to change designs. to our pr

NSERT SERIES WINDOWS -DECORATIV

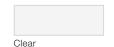
UV-protected cellular plan insert designs snap into either the inside or outside of the window frame for easy cleaning or to change ngns. Windows are offered in single strength, doe strength, acrylic or obscure glass. Short windows are 19-1/2" x 12" and long windows are 40-

Available on These Models

T42S* T52L T42L 1500* T52S* 76V



Windows available single pane in clear, frosted, obse and rain designs. Clear acrylic also available.









Acrylic windows require special cleaning. Never use products that contain ammonia or petroleum products to clean acrylic. Please visit clopaydoor.com/acrylic for complete details.



Visit clopaydoor.com or call 1-800-2CLOPAY (225-6729) for more information on Clopay, America's Favorite Garage Doors.

Follow us on















Short windows not available on long panel doors.

^{*}Panel emboss may not align with windows due to size difference. Some size limitations apply.
†Shown with clear glass. Acrylic and obscure glass optional.

Additional charges for optional glass apply.

Permit Set for Apartment Building Trash Enclosures

931 Covington Drive Detroit, MI 48203

building data

REFERENCE CODES:

2015 MICHIGAN BUILDING CODE

2018 MICHIGAN PLUMBING CODE

2015 MICHIGAN MECHANICAL CODE

2017 NATIONAL ELECTRICAL CODE WITH PART 8 MICHIGAN AMENDMENTS

I AITI O MICHIOAN AMENDMENTO

ACCESSIBILITY ICC/ANSI A117.1 - 2009

CHAPTER 13 0F 2012 MICHIGAN UNIFORM ENERGY CODE - CHAPTER 5 2012 MICHIGAN UNIFORM ENERGY CODE, PART 10a - ANSI / AHSHRAE 90.1-2007

2015 INTERNATIONAL FIRE CODE

2015 INTERNATIONAL FUEL GAS CODE

USE GROUP (CHAPTER 3): U - UTILITY AND MISCELLANEOUS GROUP (312.1)

PROPOSED USE: ACCESSORY STRUCTURE-ENCLOSED TRASH CONTAINERS

FOR APARTMENT BUILDING

CONSTRUCTION TYPE

(CHAPTER 6):

BUILDING AREA:

TYPE VB

138 GROSS S.F.

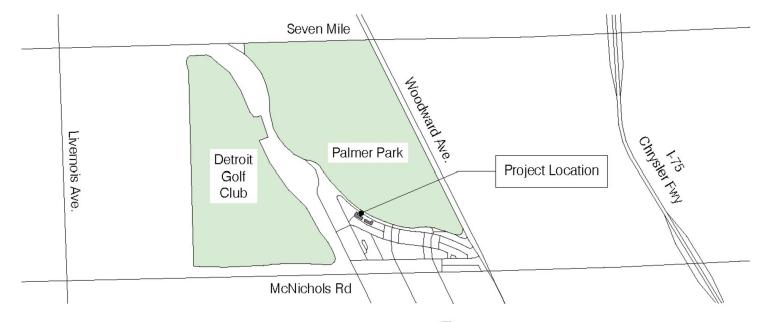
BUILDING HEIGHT: 1 STORY 10'-0" HEIGHT

FIRE SUPPRESSION: BUILDING IS <u>NOT</u> EQUIPPED WITH A NFPA13 SPRINKLER SYSTEM IN ACCORDANCE WITH MBC SECTION 903.3.1.1

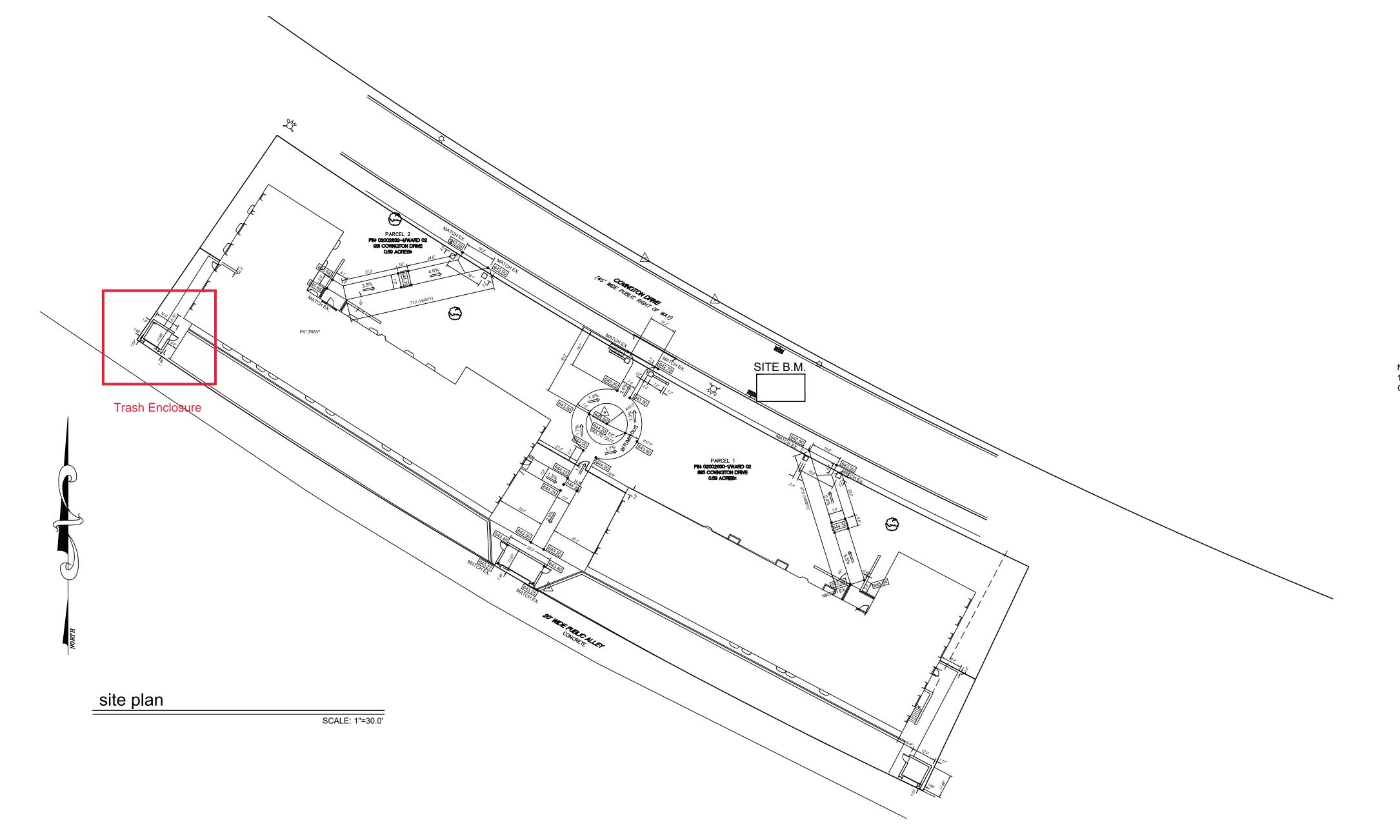
PROJECT DESCRIPTION/SCOPE OF WORK:

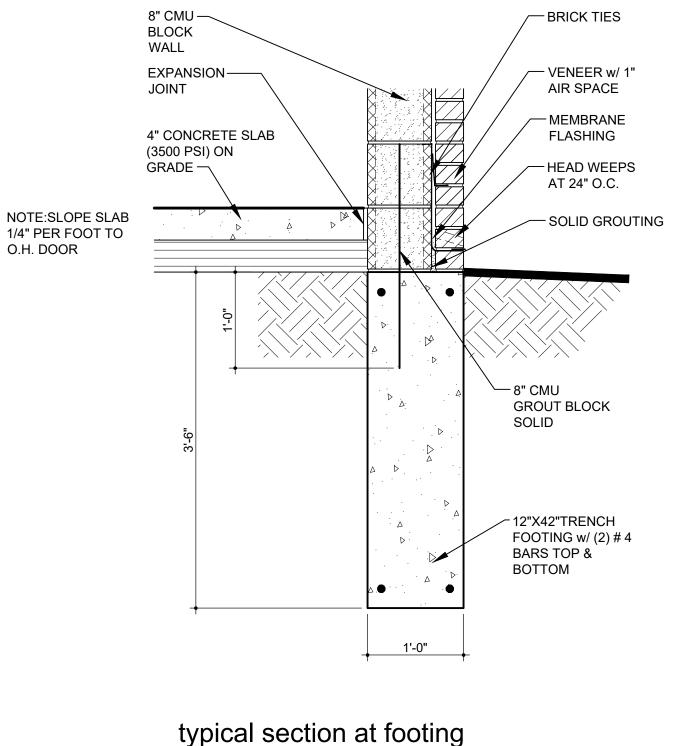
PROPOSED BUILDING IS TO BE A BLOCK WALL WITH BRICK VENEER FACING. THE TRASH ENCLOSURE WILL HAVE A STANDING SEAM METAL ROOF. THE CENTER TRASH ENCLOSURE WILL CONTAIN (1) 6 YARD TRASH CONTAINER. THE BUILDINGS WILL BE SECURE WITH ACCESS ONLY FOR RESIDENTS OF THE SERVED APARTMENT BUILDING.

931 Covington Drive, Detroit, MI 48203



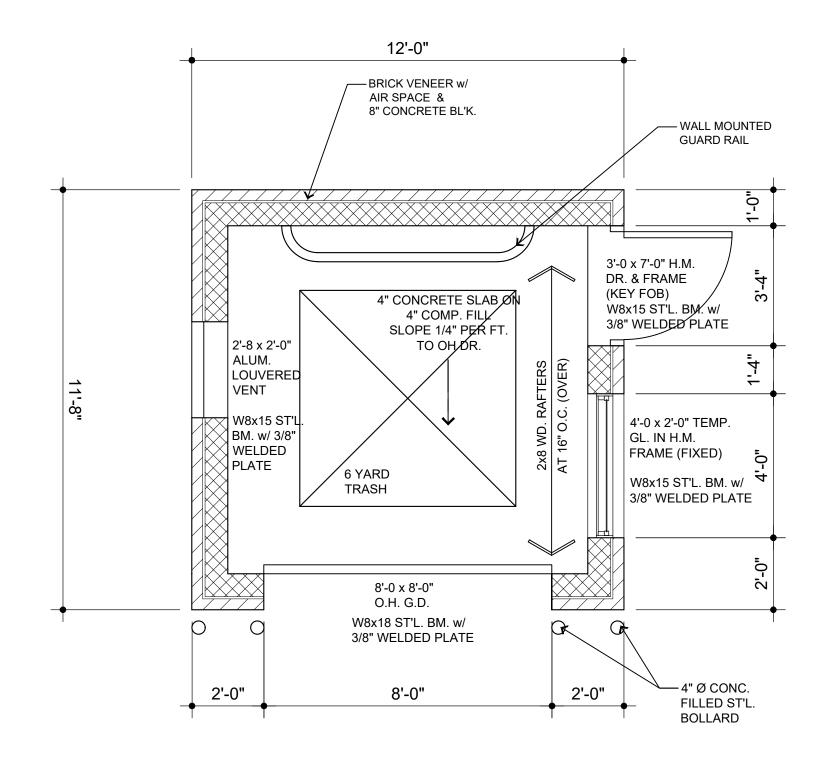
N Location Map

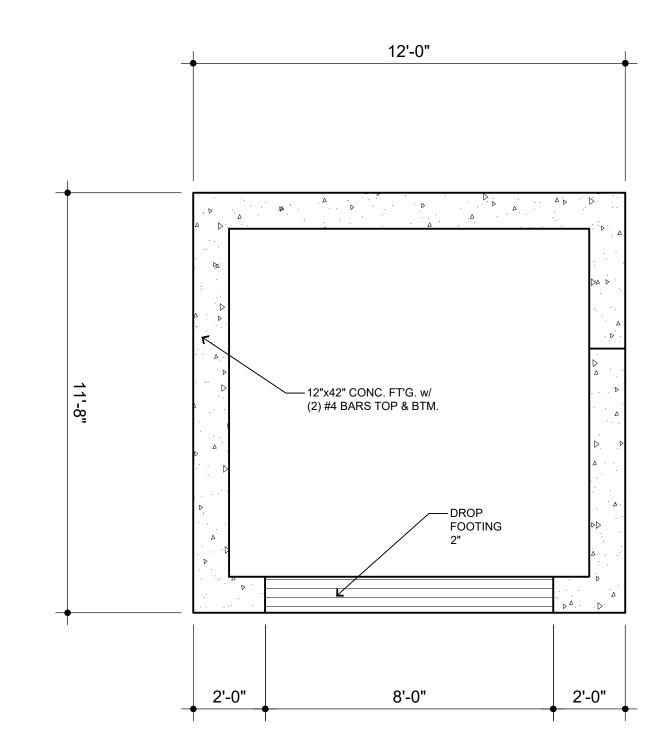


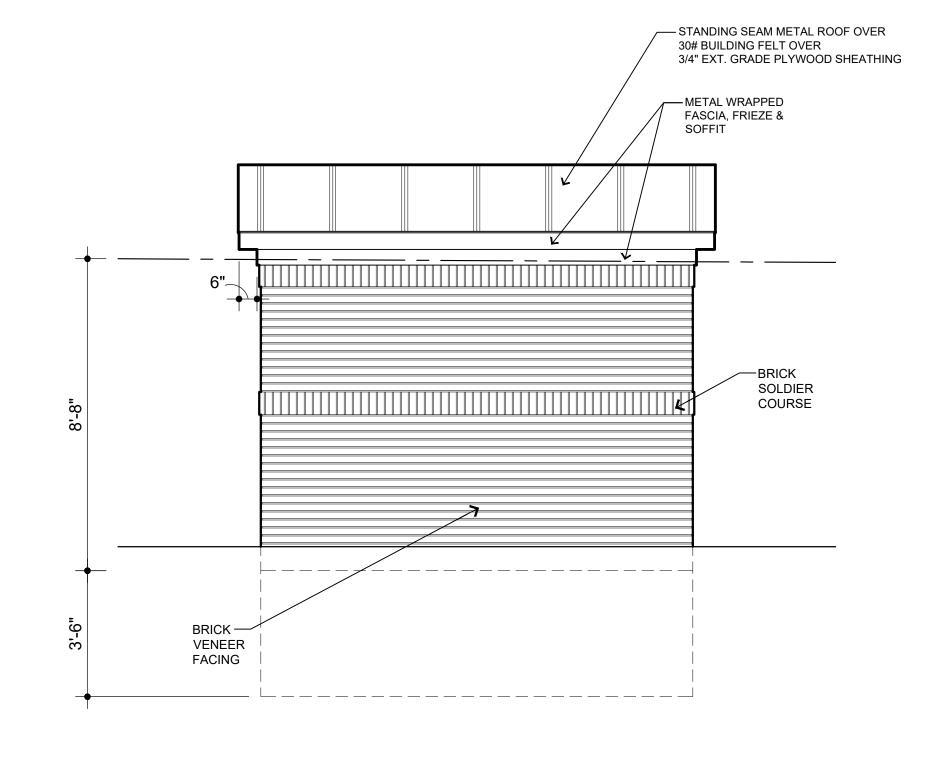


SCALE: 1"=1'-0"









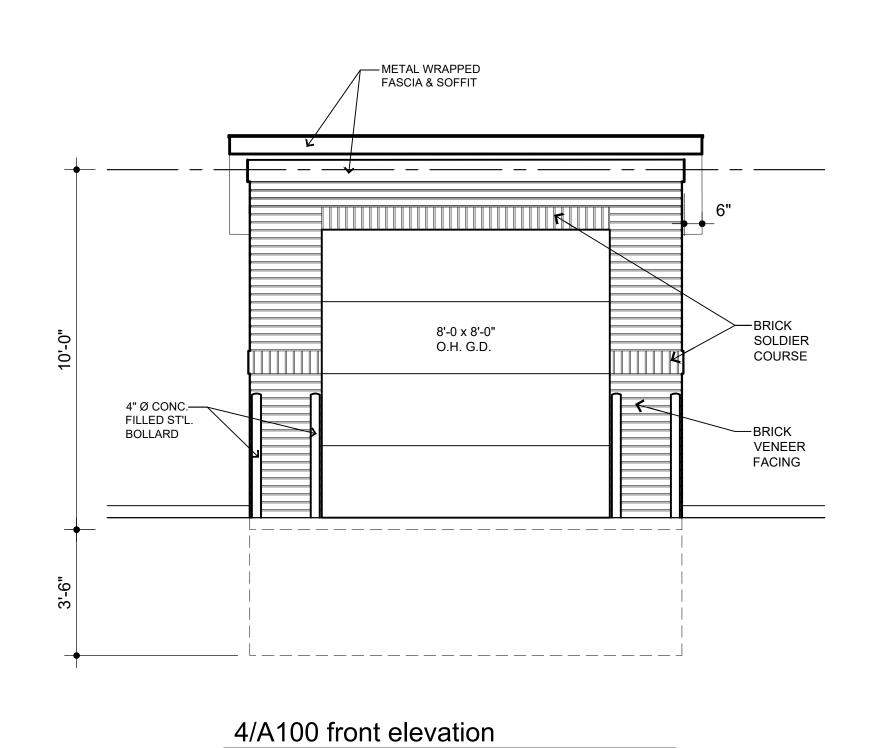
1/A100 trash enclosure floor plan

2/A100 foundation plan

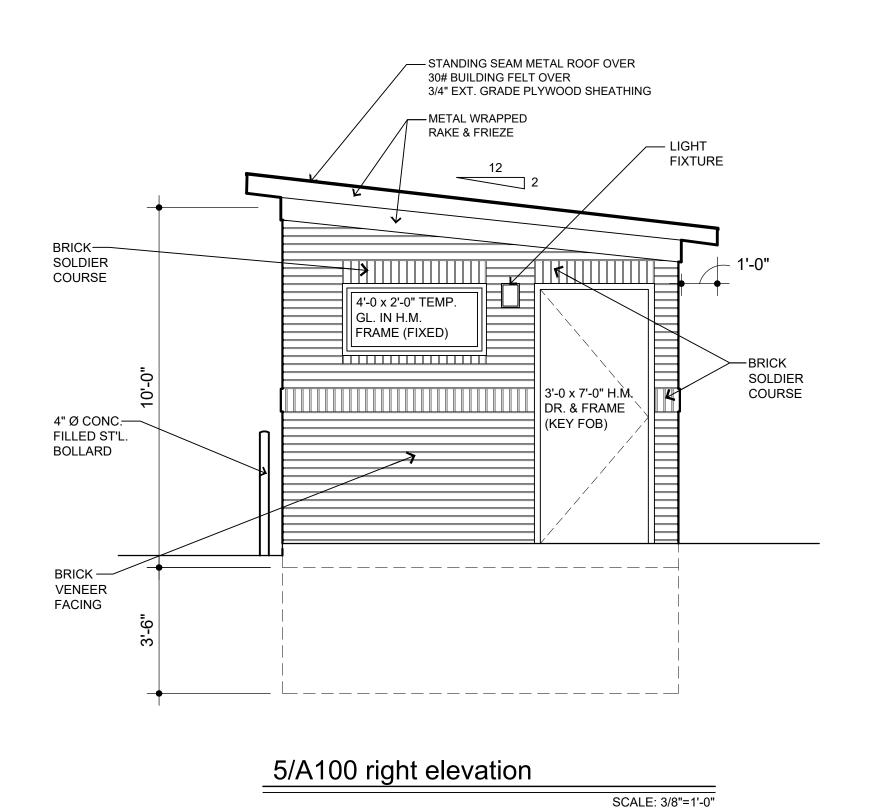
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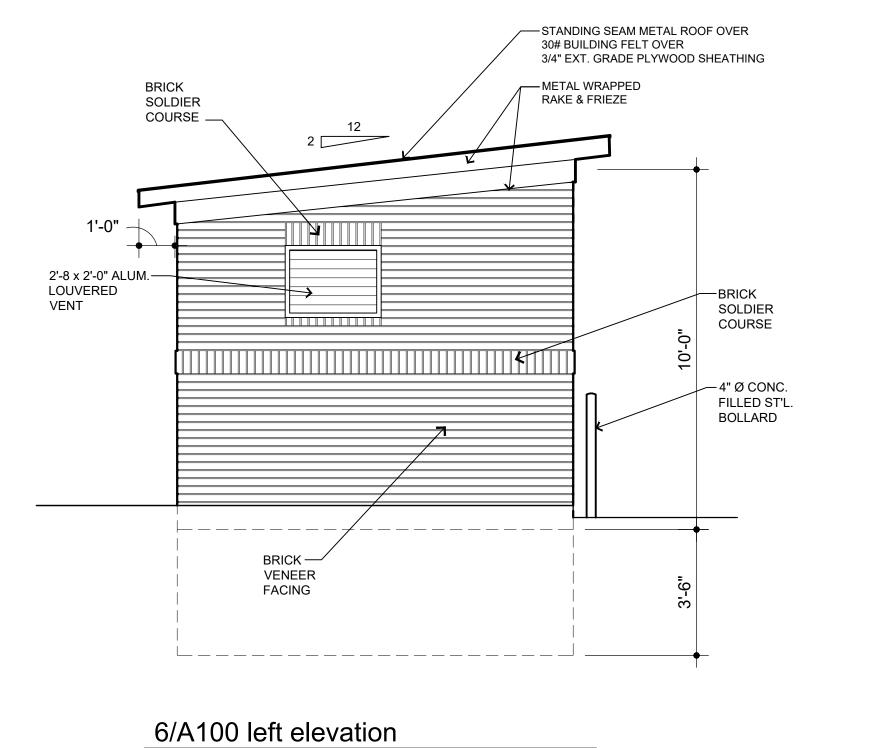
3/A100 rear elevation

SCALE: 3/8"=1'-0"



SCALE: 3/8"=1'-0"





SCALE: 3/8"=1'-0"

PERMIT REVISED 02/10/22
PERMIT 05/15/21
DESCRIPTION DATE

PROJECT:

Trash Enclosure

931 Covington Drive
Detroit, MI 48203

CLIENT:

RCI Covington
Apartments, LLC
10 E. Main Street
Ste. 201
Bridgeport, CT 06608

931 TRASH ENCLOSURE PLAN & ELEVATIONS
SHEET NUMBER:

A100

Landscaping Materials



Brick: Glen-Gery, 160M, Rugged Texture, Gray Mortar

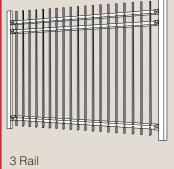


Kent Panels

A traditional design with square top pickets.

Available in 2, 3 or 4 rail styles.





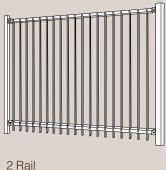


4 Rail

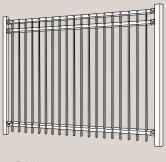
Monroe Panels

A clean and simple design with no pickets above the top rail.

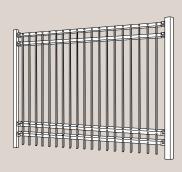
Available in 2, 3 or 4 rail styles.







3 Rail



4 Rail

Advanced Powder Coating Process

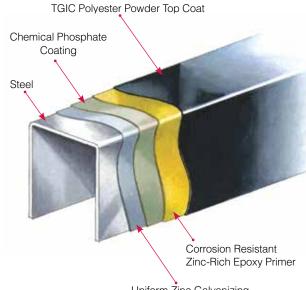
All Guardsman® panels receive Merchants Metals' industry leading 10 stage powder coating process. The first five stages are dedicated to a thorough cleaning, removing any impurities that could potentially mar the finish. After cleaning, the panels are coated with a corrosion resistant zinc rich epoxy primer and a polyester powder top coat, ensuring that each Guardsman® system will be highly

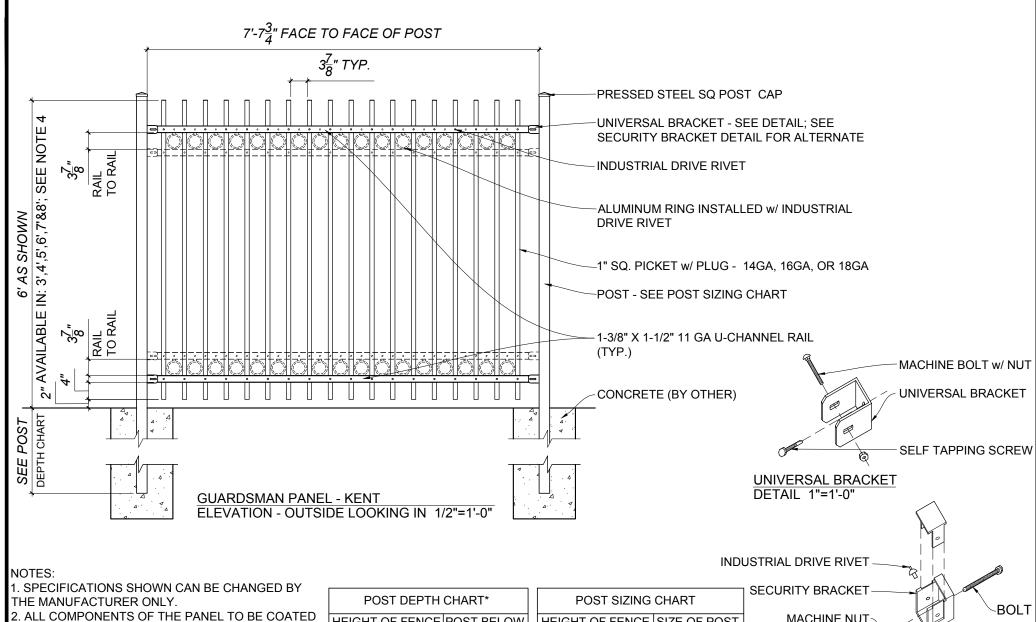


Palletizing for economical, damage-free shipping

10 Cúring Oven







- BLACK. OTHER COLORS AVAILABLE.
- 3. VERIFY POST DEPTH AND FOOTING DIMENSIONS WITH LOCAL CODES AND SITE CONDITIONS.
- 4. CUSTOM DIMENSIONS ARE AVAILABLE UPON REQUEST. FOR HIGHER CUSTOM PANELS, PLEASE CONTACT THE STATESVILLE PLANT.

POST DEPTH	CHART*
HEIGHT OF FENCE	POST BELOW GRADE
5' OR LESS	2'
6' OR MORE	3'
* SEE NOTE 3	

POST SIZING CHART			
EIGHT OF FENCE	SIZE OF POST		
3' OR LESS	2"x14 GA		
4' TO 6'	2 1/2"x14 GA		
7' TO 9'	3"x11-12 GA		
10' TO 12'	4"X11 GA		
	3' OR LESS 4' TO 6' 7' TO 9'		

MACHINE NUT

NOTE: MINIMUM SHEER STRENGTH 3,000 LBS AND HOLDING POWER OF 2,200 LBS.

GUARDSMAN SECURITY BRACKET DETAIL 1"=1'-0"



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Merchants Metals

the first name in fence solutions

GUARDSMAN PANEL - KENT 2 TO 4 RAILS

> 8' WIDE x 3' TO 8' HIGH (Nom.Dimension)

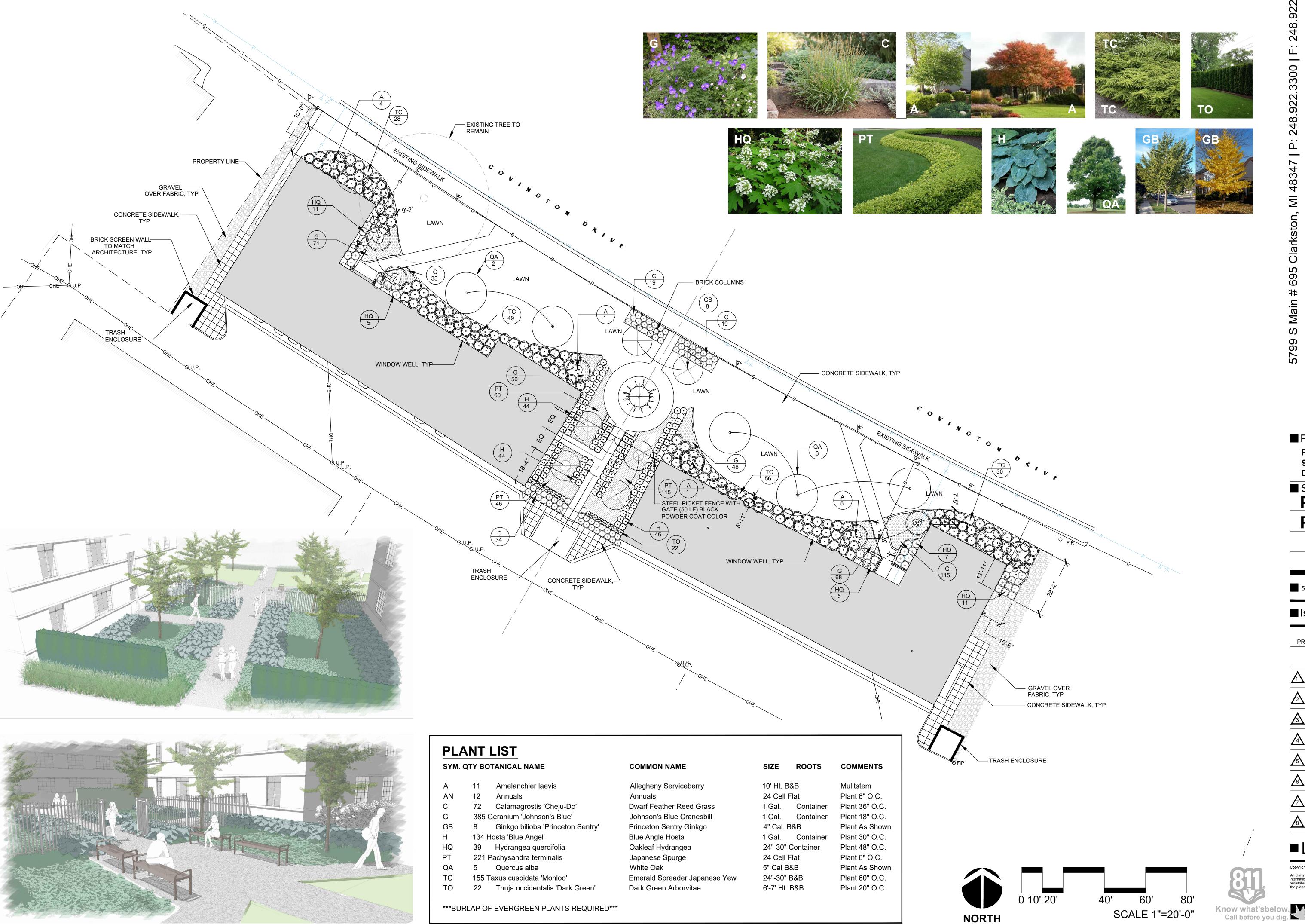
^{BY:} J.R.	DWG. NO.	
DATE: 06 NOV 20	GM PN IND KN 8W x 3-8H	
D.C.	SCALE: AS NOTED	



-8.5"-







■ Project Title: PALMER PARK APT 931 & 885 Covington Drive Detroit, MI 48203

■ Sheet Title: **PLANTING**

PLAN

Scale: (AS SHOWN)

■ Issued For: Date:

PRELIMINARY OWNER REVIEW 02.27.2020

■LS100

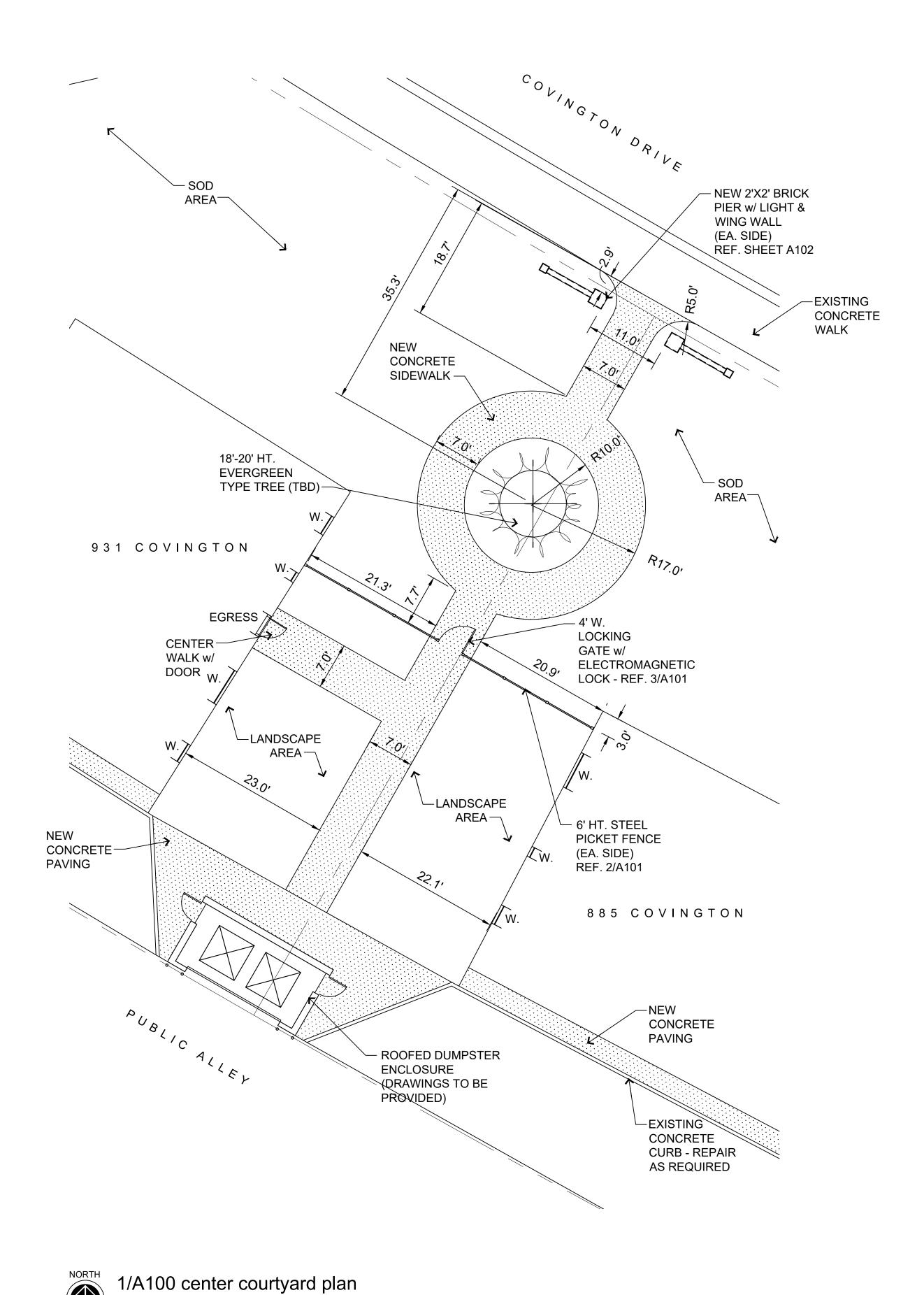
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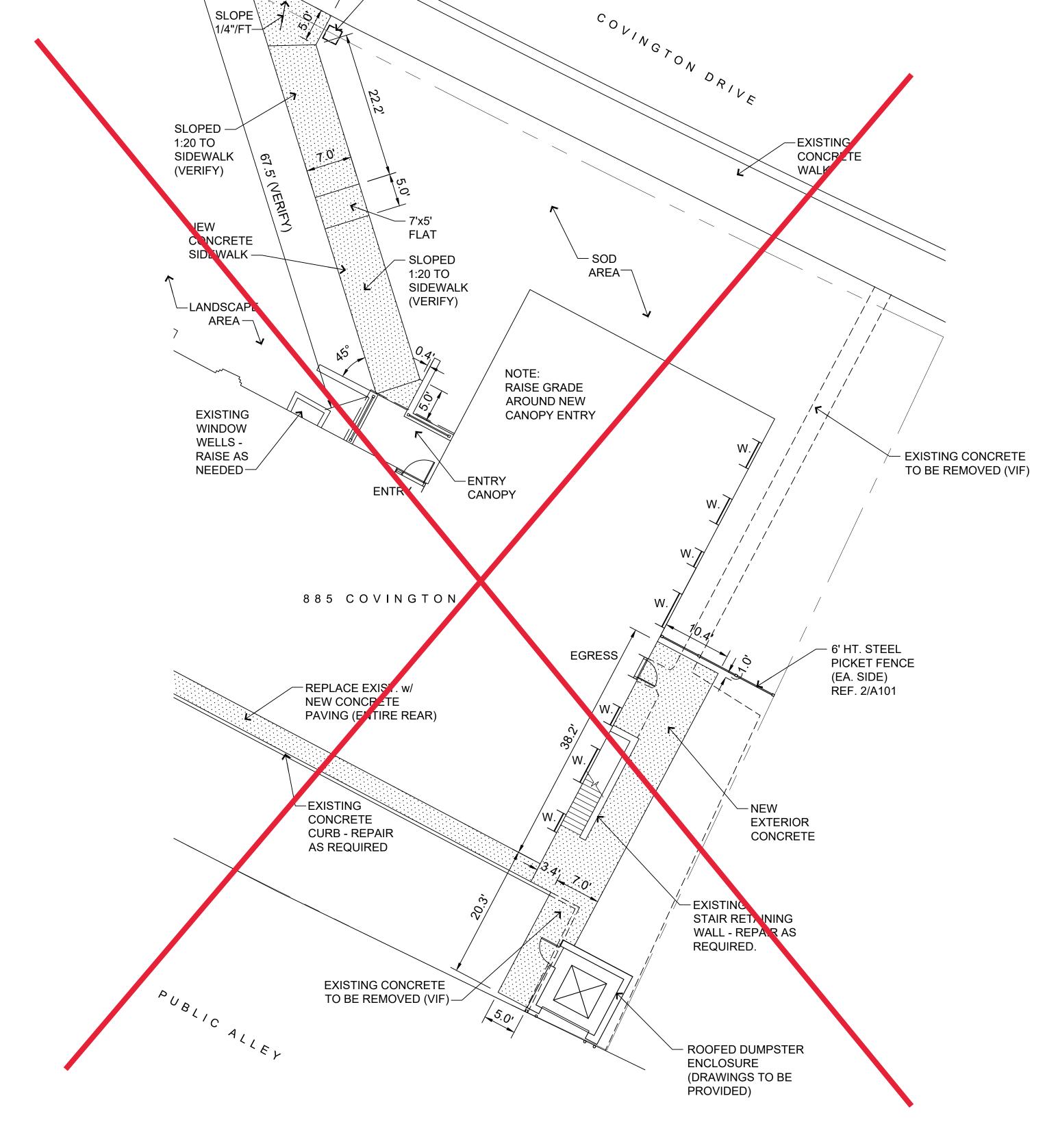












– NEW 2'X2' BRICK PIER w/ LIGHT (EA. SIDE) REF. SHEET A102

NORTH

2/A100 885 covington main and side entries plan

SCALE: 1"=10.0'

OWNER REVIEW 08/13/20
DESCRIPTION DATE

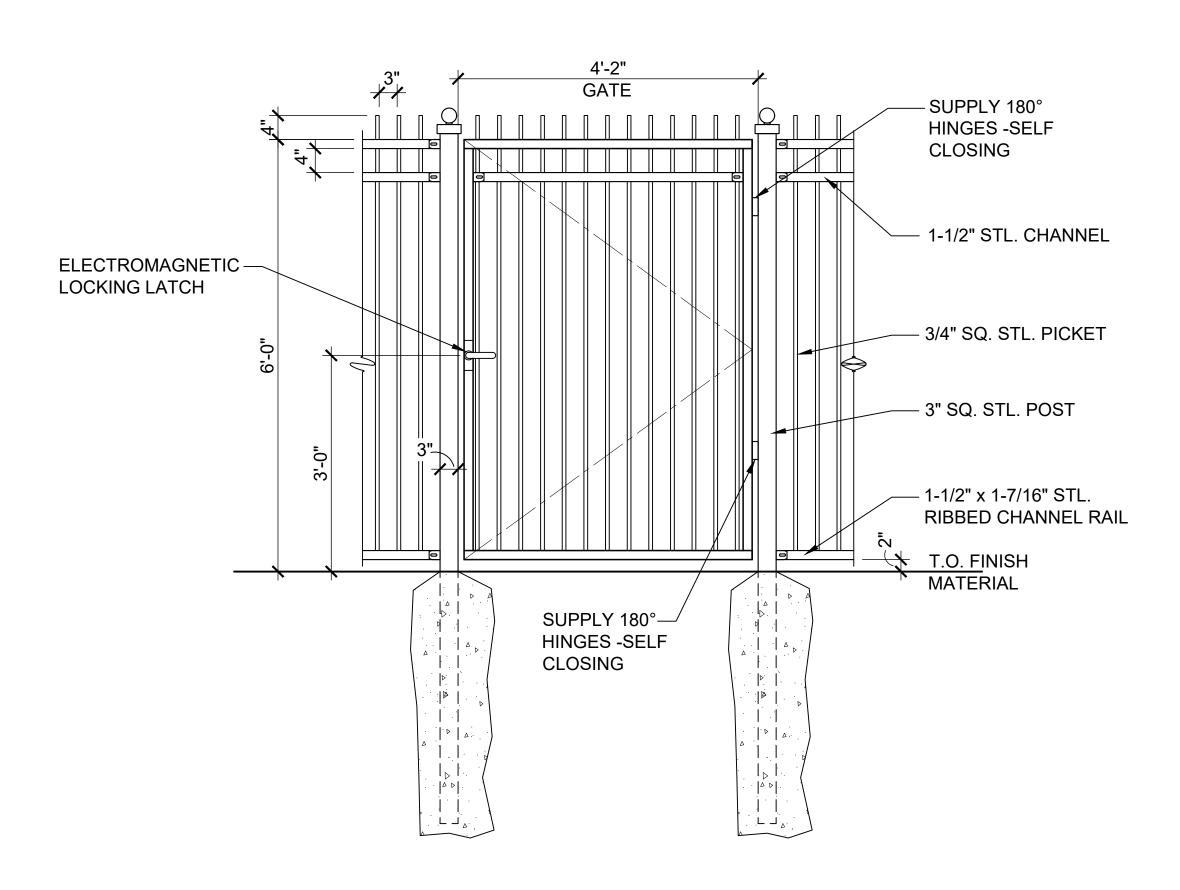
PROJECT:
Center Courtyard and
Building Entries

Center Courtyard and Building Entries 885/931 Covington Drive Detroit, MI 48203

RCI Group 300 Alton Road Ste. 303 Miami Beach, FL 33139

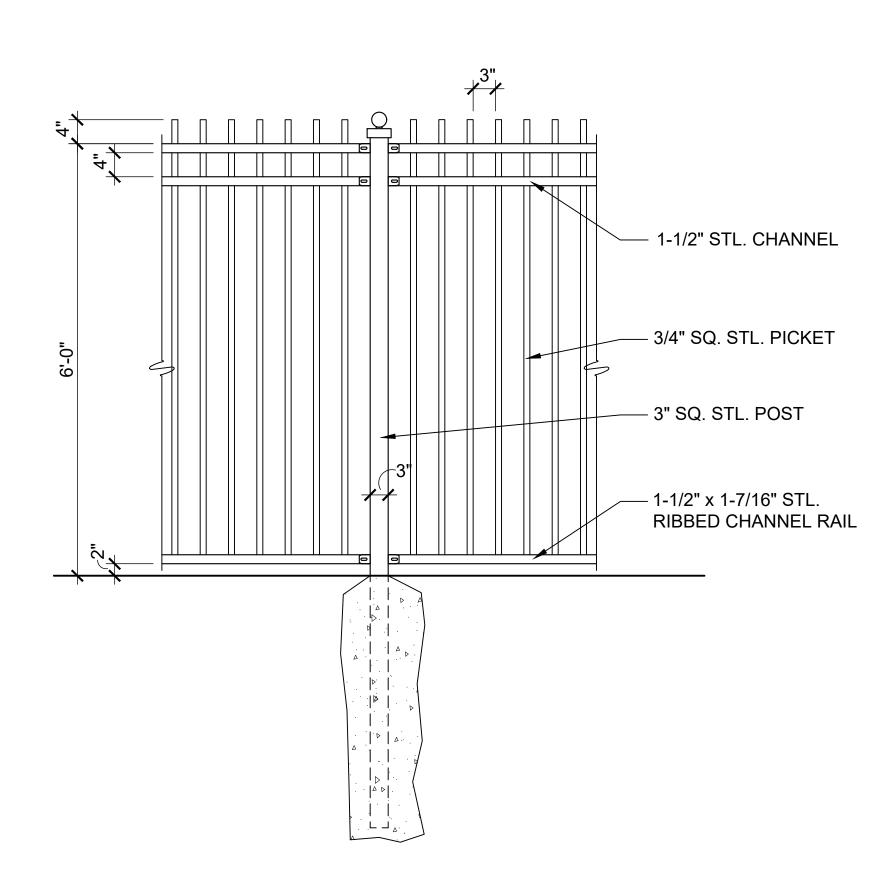
SHEET TITLE:
CENTER COURTYARD &
885 MAIN ENTRY PLANS
SHEET NUMBER:

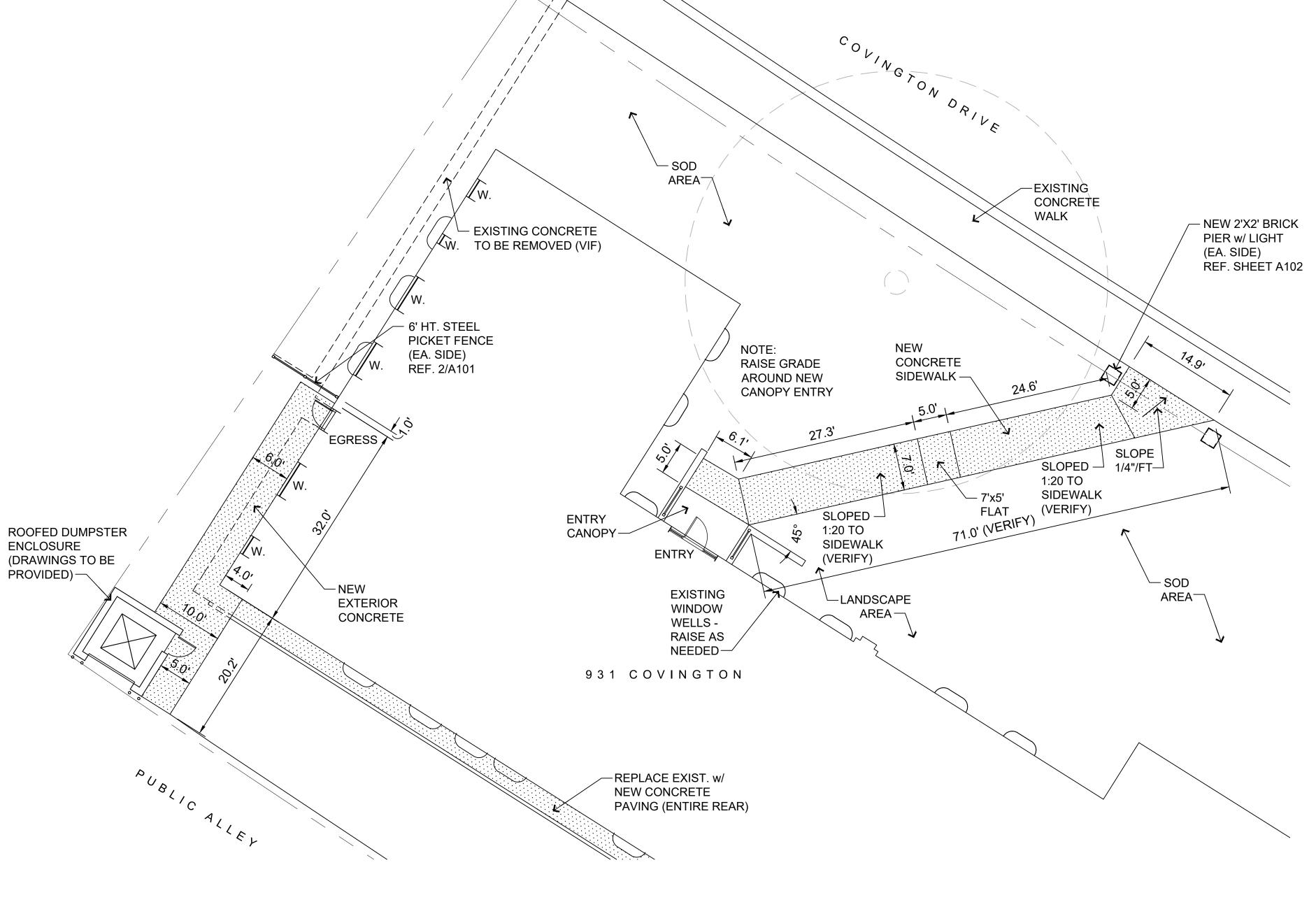
A100



3/A101 steel gate elevation

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





1/A101 931 covington main and side entries plan

SCALE: 1"=10.0'

2/A101 steel picket fence elevation

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

BID 08/27/20
OWNER REVIEW 08/13/20
DESCRIPTION DATE

PROJECT:

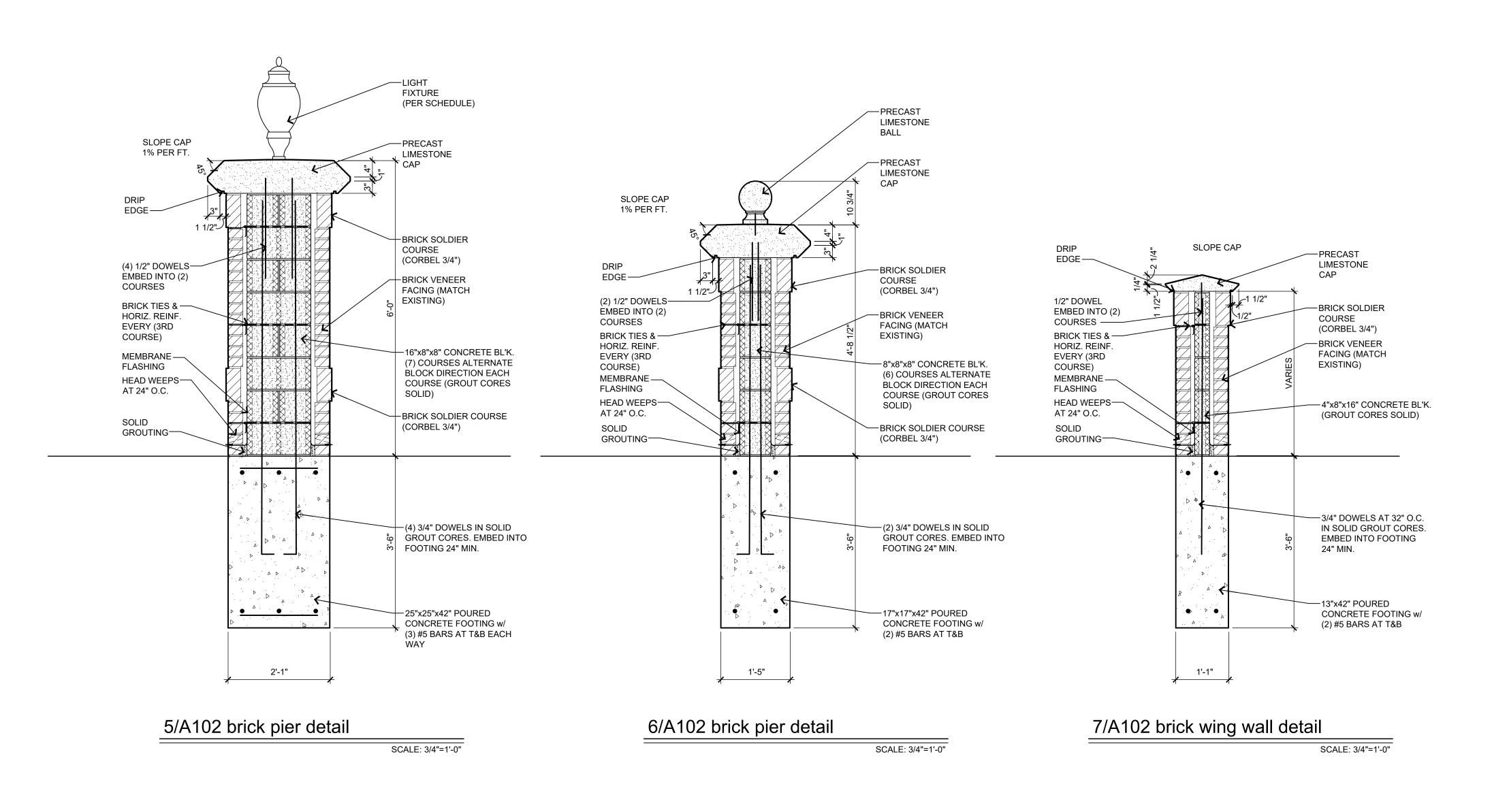
Center Courtyard and
Building Entries

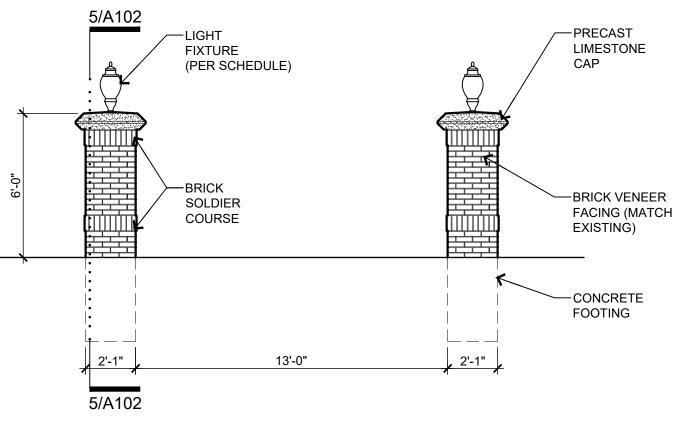
885/931 Covington Drive
Detroit, MI 48203

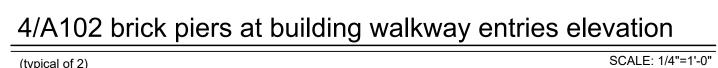
RCI Group 300 Alton Road Ste. 303 Miami Beach, FL 33139

SHEET TITLE:
931 ENTRY PLANS &
FENCE ELEVATIONS
SHEET NUMBER:

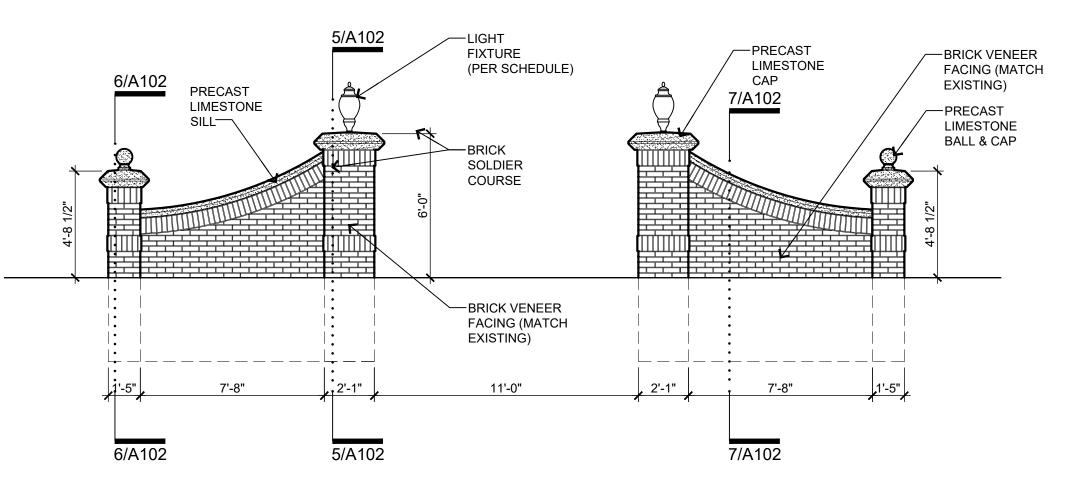
A101



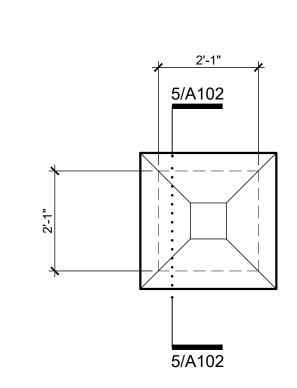




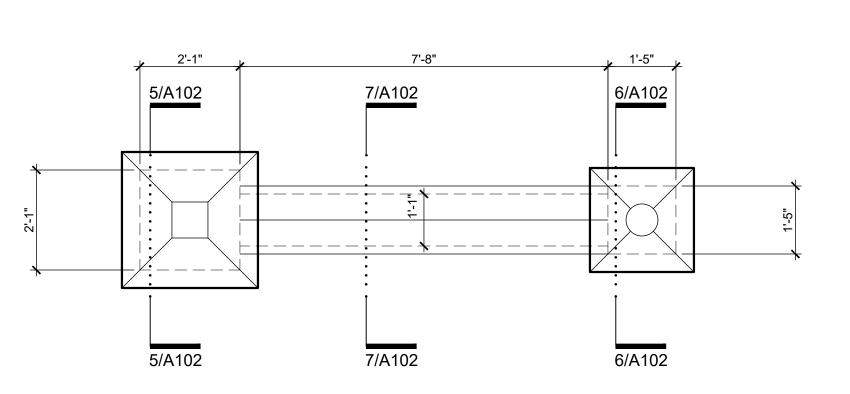
(typical of 2)







2/A102 brick pier at building walkway entries plan



1/A102 brick pier wing walls at central courtyard plan

OWNER REVIEW 08/13/20 Center Courtyard and **Building Entries** 885/931 Covington Drive Detroit, MI 48203 RCI Group 300 Alton Road Ste. 303 Miami Beach, FL 33139 SHEET TITLE:
WINGWALL & PIERS

A102

