



ROCK ISLAND
ILLINOIS

**Preservation Commission Meeting Agenda
March 25, 2026 - 5:30 PM
City Council Chambers, City Hall, 3rd Floor,
1528 Third Avenue, Rock Island, IL**

1. Call to Order

2. Roll Call

Commissioners: Jeff Dismer, Addison Kimmel, Diane Oestreich, Bruce Peterson, Mark Schwiebert, Alan Carmen, Zach Campbell, Estlin Feigley, Linda Anderson

3. Public Comment

4. Minutes

a. Approval of the February 25, 2026 Meeting Minutes

Motion: Move to approve the February 25, 2026 Meeting Minutes

VV Voice vote is needed.

5. Other Business/New Business

a. Case 2026-01: Certificate of Appropriateness application for 1829 2nd Avenue

Motion: Move to approve the Certificate of Appropriateness application for 1829 2nd Avenue for the work as described.

RC Roll call vote is needed.

b. Approval of CLG Grant Project Scope

6. Adjourn

This agenda may be obtained in accessible formats by qualified persons with a disability by making appropriate arrangements from 8:00 am to 5:00 pm, Monday through Friday, by contacting the City Clerk's Office at (309) 732-2010 or visiting in person at: 1528 Third Avenue, Rock Island, IL 61201.

**City of Rock Island
Historic Preservation Commission
City Council Chambers, City Hall, 3rd Floor
1528 3rd Avenue, Rock Island, IL**

February 25, 2026 Meeting Minutes

1. Call to Order

Chair Oestreich called the meeting to order at 5:36 PM.

2. Roll Call

Chair Oestreich called the roll.

Alan Carmen, Jeff Dimer, Bruce Peterson, Zach Campbell, Estlin Fiegley, Diane Oestreich, Linda Anderson, and Mark Schwiebert were present.

Addison Kimmel was absent.

Staff present included Planning & Zoning Manager Tanner Osing and Urban Planner Eunice Amissah-Mensah.

3. Public Comment

Aldersperson Dylan Parker provided technical advice regarding the microphone system. No other public comments were made.

4. Approval of the Previous Meeting Minutes

Schwiebert moved to approve the meeting minutes for January 28, 2025. Carmen seconded the motion. The motion carried on a vote of 8 to 0.

5. Other Business/ New Business

New Business

Review of Use Authorization Request for proposed congregate living arrangement at 702 20th Street

Osing presented a request from Mary Gordon for the Connor Parker House (a local landmark since 1987). He stated the applicant sought authorization for a congregate living arrangement featuring eight sleeping units with shared kitchen and living spaces. Staff recommended approval, viewing the request as meeting the necessary criteria.

Commissioners discussed concerns about density and neighborhood character and questioned how the request might set precedent for similar future proposals. Commissioner Schwiebert stressed the importance of owner-occupancy for the

property. He noted that the City has prioritized shifting away from rental properties to strengthen accountability and neighborhood stability. Other commissioners opposed the request, citing concerns about historic character and potential long-term deterioration.

Commissioner Schwiebert suggested using a Special Use Permit instead of the use authorization to address concerns about approvals permanently carrying with the property.

Schwiebert moved that the commission recommend approval to the Planning & Zoning Commission with two conditions; 1) that the property must remain owner-occupied and 2) a special use permit be issued rather than a use authorization. Campbell seconded the motion. The motion carried on a vote of 6 to 2. (Ayes – Schwiebert, Carmen, Peterson, Campbell, Fiegley, Oestreich, Nays – Dismar, Anderson). Commissioners Dismar and Anderson opposed the request based on its merits.

Presentation on the Summary of Findings and proposed outline for Historic Design Guidelines

Erica Ruggiero from McGuire Igleski & Associates, Inc. presented an update on the citywide Historic Design Guidelines. She stated that the project included surveying more than 1,600 properties across the Downtown, Broadway, U.S. Housing Corporation, and Highland Park historic districts, as well as individual landmarks. She added that the proposed guidelines will address building typologies, architectural styles, and technical guidance on materials such as masonry, windows, and siding.

Staff clarified that the guidelines will be used as a basis for decision making for landmarked properties but serve as advisory for non-landmarked properties. Commissioners requested inclusion of specific styles such as Spanish Revival and Lustron homes, along with additional guidance on elements like AC unit placement and fencing, and a stronger emphasis on maintenance education for new homeowners.

CLG Grant Discussion

Staff continued discussion on an upcoming round of CLG grant funding. Using note that staff considered the marketing plan that was discussed at the last meeting, but thought digitizing walking tours may be a better option. Commissioners disagreed noting that an overall historic resources marketing plan was preferred. Alderperson parker also addressed the commission supporting a marketing plan to celebrate the city's historic resources and recent efforts to establish historic districts.

6. Other Business

Update on New Landmark Plaque Creation

Commissioner Dismar showcased a prototype for a new landmark plaque. It features a laser-cut steel face with a copper backer, designed to stand off from the wall. Commissioners supported the updated design.

City Landmark Certificate

Amissah-Mensah presented a newly framed version of a landmark certificate. Commissioners supported the updated certificate.

7. Adjournment

Schwiebert moved to adjourn. Dismar seconded the motion. The motion passed on a 8-0 vote. The meeting adjourned at 7:05 PM.

Minutes submitted by Eunice Amissah-Mensah.

Memorandum



ROCK ISLAND
ILLINOIS

To: Rock Island Preservation Commission
From:
Subject: Case 2026-01: Certificate of Appropriateness application for 1829 2nd Avenue
Motion: Move to approve the Certificate of Appropriateness application for 1829 2nd Avenue for the work as described.
RC Roll call vote is needed.
Date: March 25, 2026

Introduction and Background Information:

Elizabeth Tallman of Development Association of Rock Island (DARI), has applied for a Certificate of Appropriateness (COA) for property at 1829 2nd Avenue, a local landmark, located in the Downtown Historic District. The proposed scope involves structural alterations to the exterior appearance of the West elevation to facilitate independent fire sprinkler system access within the Star Block, which currently shares a single sprinkler system across multiple parcels under different ownership. The proposed scope of work involves the following:

- Cutting a new masonry opening in the exterior wall to accommodate a new door.
- Installing a new insulated metal door in a hollow metal frame.
- Infilling the wall area above the new door with masonry supported by steel lintels.
- Building a new concrete deck and exit stair system on the West elevation to provide access to both the existing and new door.

The applicant presented two options for the new decking and stairs required for the west elevation entry:

- **Option A:** Construction of a new stoop and decking using wood or composite materials.
- **Option B:** Construction of concrete steps and a stoop with metal railings. This option is designed to be comparable to the Renaissance Lofts and will be coordinated with the City's upcoming sidewalk redevelopment along 19th Street. DARI will install a temporary step for fire safety compliance until the City's improvements occur later this year.

The applicant has also provided notes, plans, and photos describing the current conditions and proposed modifications.

Staff has reviewed the proposal for Option B against the Downtown Design Guidelines and finds the option consistent with the following standards:

- The proposed new door and masonry infill are compatible with the existing historic fabric in design and quality of materials.
- Poured concrete steps and floor surfaces are recommended for masonry structures as they offer a more permanent and compatible visual profile.
- The new deck and stair system remain secondary and smaller to the original structure. The design utilizes treated 5/4 decking and 6 by 6 posts, which are appropriate for secondary elevations.
- The guardrail design meets historic safety standards with a top rail at 42" and baluster spacing under 4".

Overall, staff believe the proposed work described meets the downtown design guidelines and complies with the Preservation Ordinance. The reconstruction demonstrates an intent to create a cohesive design that complements the style of the property and maintain its historical integrity.

Previous Council Action (if any):

N/A

Budget Impact:

N/A

Additional Information as applicable (i.e. provide alternative options, community or staff input, staffing impact; resident impact; etc.):

The City of Rock Island intends to coordinate its broader streetscape project with this private exterior work to maximize efficiency and reduce the financial burden on the property owner by redoing the public sidewalk, factoring in the costs for the new concrete deck construction and the filling of the crawl space, and providing assistance with both the removal of trees and the covering of the existing metal plate in the sidewalk area.

Council Goal (if applicable):

N/A

Recommendation:

The Community Development Department recommends that the Preservation Commission approve the Certificate of Appropriateness for the work as described in Option B. Staff also recommend the following stipulation for approval.

1. The masonry infill must match the color, texture, and bonding of the original historic masonry.

Submitted by: Eunice Amissah-Mensah, Urban Planner

Approved by:



March 20, 2026

Miles Brainard, Community Development Director
City of Rock Island
1528 Third Avenue
Rock Island, Illinois, 61201

RE: Certificate of Appropriateness Application for Star Block Property 1829 2nd Avenue – Fire Safety

Sent VIA Email

Dear Mr. Brainard:

Enclosed please find the Development Association of Rock Island (DARI) application for a Certificate of Appropriateness for 1829 2nd Avenue, Rock Island and supporting documentation.

DARI is proposing to create a dedicated exterior access point to the shared fire suppression control room that serves multiple interconnected properties (Star Block) on 2nd Avenue. The fire suppression system—jointly installed by DARI and Star Block Lofts, LLC (Growth) was originally designed as a zoned system to protect the structures located at:

- **1821–1823 2nd Avenue** (Star Block Lofts – Growth owned)
- **1825 2nd Avenue** (DARI owned – commercial tenant Soi 2)
- **1827–1829 2nd Avenue** (DARI owned – commercial tenant El Patron)

The system’s motherboard, which controls all zones, is currently located inside **1827–1829 2nd Avenue**, with access only through the women’s restroom of El Patron, a DARI tenant. As DARI considers an offer to sell their commercial building, maintaining the system integrity, safety, and independent access for all property owners has become essential.

To address these concerns, DARI—working with fire officials, inspectors, contractors, and legal counsel—proposes the following safety-driven modifications:

Create a secure and dedicated access to existing fire suppression room within 1827–1829 2nd Avenue, governed by an easement shared by all system stakeholders. This includes:

- Eliminate access through El Patron’s restroom.
- Install a new door to Fire Suppression room.
- Remove existing window and install a fire rated exterior door to provide direct access to fire suppression room.
- Extend the existing walkway past the existing 19th Street entrance to El Patron to reach the new door.

These changes ensure code compliance, preserve the functionality of the interconnected fire suppression system, and support the long-term safety and marketability of all affected properties.

Approach: The contractor will conduct the following activities:

- Remove existing window in sprinkler room.
- Remove existing sprinkler door in bathroom.
- Demolish brick opening below existing window.
- Windowsill will be salvaged and reinstalled at threshold of new door opening like adjacent door.
- Jambs to be finished as required.
- Furnish and install framing as required for new steel exterior door and transom.
- Furnish and install framing as required to infill removed bathroom door.
- Furnish and hang drywall and finish as required.
- Furnish and install new steel door and frame with closer, handle and lock.
- Existing concrete stoop to be moved.
- New Decking for Stoop to be installed.

Option A - New decking for stoop to be installed using either wood or composite materials.

Option B – New Decking for stoop to be installed with the city’s assistance. The steps and stoop would be done in concrete with metal railings. (Design may be comparable to the steps and railings on the eastern side of the Renaissance Lofts). The city has indicated their support in assisting with the development of the new decking to coincide with their redevelopment of the sidewalks along 19th Street. If that is the case, DARI will work with the city in replacement of the stoop when their improvements occur later this year. (There will need to be a temporary step installed to ensure fire safety compliance while waiting for the city’s improvements).

Please let us know if you have any questions or need further details.

Sincerely,

Liz

Liz Murray Tallman, Vice President
Development Association of Rock Island
100 19th Street, Suite 105
Rock Island, Illinois 61201
etallman@rockislandforward.com
309.781.1625

ATTACHMENTS

- I. APPLICATION FORMS
- II. PLANS
- III. PHOTOS

ATTACHMENTS

FORMS

CERTIFICATE OF APPROPRIATENESS APPLICATION

City of Rock Island Planning & Zoning Division
City Hall, 1528 3rd Avenue
Rock Island, Illinois 61201
Phone: (309) 732-2900 Fax: (309) 732-2930
Email: cedmail@rigov.org



LANDMARK INFORMATION

Landmark Address:

Name and Address of Property Owner:

Written description of each existing condition and each proposed modification. Include information relating to dimension, profile, height, materials, landscaping, location, placement, etc. Attach additional page if necessary.

SUBMITTAL REQUIREMENTS

Relevant site plans Detail sketches Elevation drawings Photographs Catalog pages

Name of Architect, contractor or builder:

Proposed Timeline of Work:
2 Weeks

APPLICANT INFORMATION

Name (please print):

Phone:

Address:

Email:

Signature:

My signature indicates that I understand that any advice provided during an "Advice Session" or privately by a Rock Island Preservation Commission member is not binding pending submittal of the Certificate of Appropriateness Application.

FOR OFFICE USE ONLY

Case #:

Date:

*For more information, please refer to Section 8 of the Rock Island Preservation Ordinance or Section 11-113 in the Rock Island Code of Ordinances.
Go to www.rigov.org for online advice and downloadable design guidelines or contact city staff for additional assistance.*

STATE OF ILLINOIS
COUNTY OF ROCK ISLAND



OWNER AUTHORIZATION

I, Elizabeth Tallman, am the owner of the real property located at 1827 2nd Ave, Rock Island, IL 61201, PIN Number 07-35-202-015. I hereby authorize Justin Smith / Bi-State Maosnry to submit a Certificate of Appropriateness (COA) application to the City of Rock Island's Planning and Zoning Division for a public hearing before the Rock Island Historic Preservation Commission.

Given under my hand and official seal, this the 26 day of March, 2024.

Owner: Elizabeth Tallman Date: 3/20/2024
Elizabeth Tallman
Date: 3/20/2024 Notary: Jennifer Rita Louise Graff

(SEAL)



My Commission Expires:

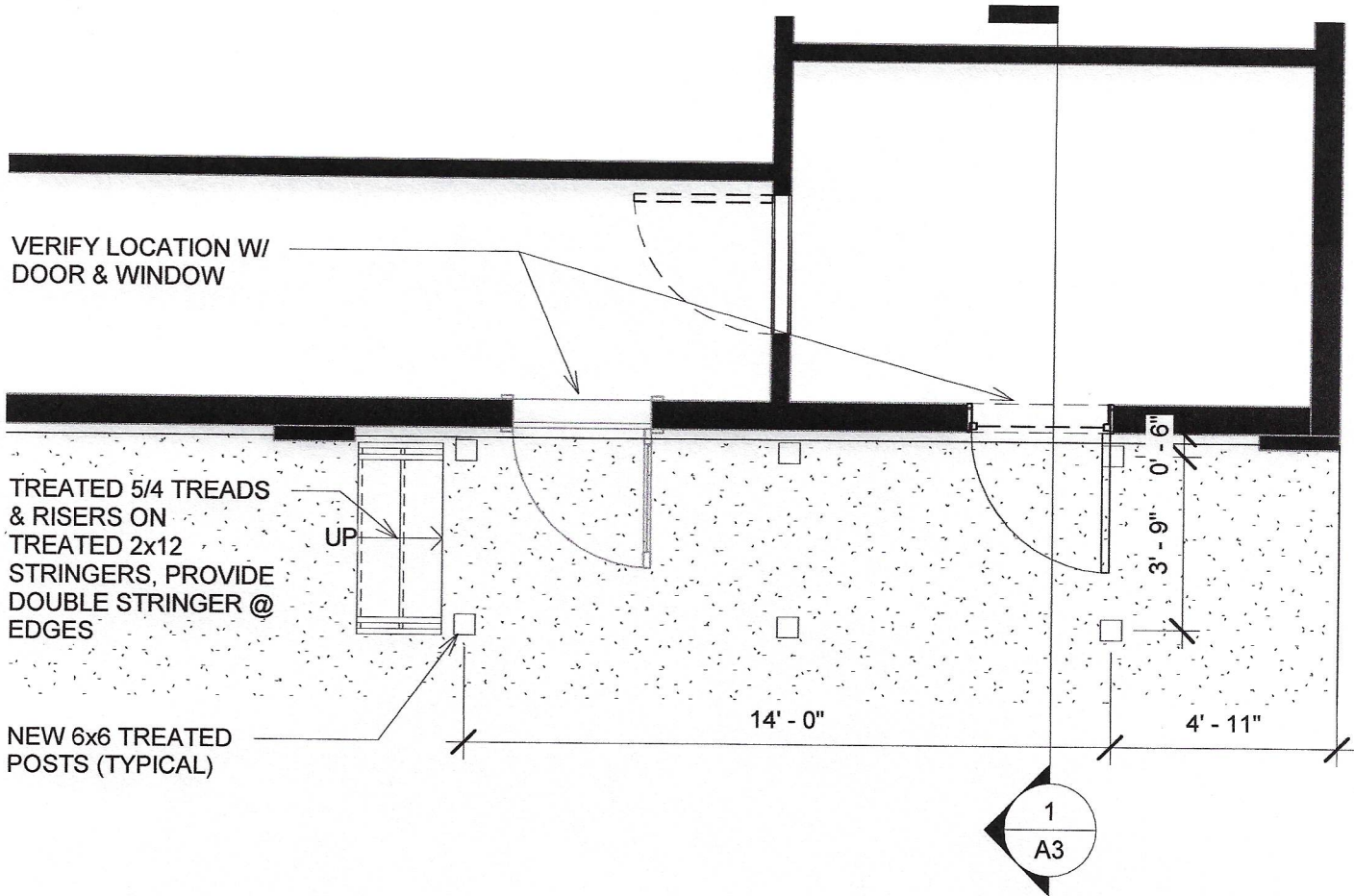
7/15/2028

PLANS

Option A

FOOTING CALCUALTIONS:

30psf GROUND SNOW LOAD, 115mph WIND SPEED, EXPOSURE B
 STAIR LOAD: 100psf LIVE LOAD, 10psf DEAD LOAD = 110psf
 DECK LOAD: 60psf LIVE LOAD, 10psf DEAD LOAD = 70psf
 STAIR SYSTEM: 4'-0" WIDEx 1'-10" DEEP = 8 S.F.
 DECK SYSTEM: 15'-0" WIDEx 4'-6" DEEP = 68 S.F.
 THEREFORE 34 S.F. OF DECK LOAD @ FOOTINGS x 70psf = 2,380#
 ALLOWABLE CONCRETE SIDEWALK BEARING = 2,000psf
 THEREFORE DECK BEARING REQUIRED = 2,380# / 2,000psf = 1.2 S.F.
 (6) 6x6 POSTS = 0.275 S.F. x 6 = 1.6 > 1.2 S.F.



VERIFY LOCATION W/
DOOR & WINDOW

TREATED 5/4 TREADS
& RISERS ON
TREATED 2x12
STRINGERS, PROVIDE
DOUBLE STRINGER @
EDGES

NEW 6x6 TREATED
POSTS (TYPICAL)

UP

14'-0"

4'-11"

1
A3



① Ground
1/4" = 1'-0"

DATE
24 Feb 26
A1
PROJECT #
#01526

Construction Documents for:
Exit Stair
1829 2nd Street, Rock Island, Illinois

© 2016 JosephArchitecturalGroup,PC
All rights reserved
THIS DOCUMENT IS AN INSTRUMENT OF
SERVICE AND IS THE PROPERTY OF
JosephArchitecturalGroup AND MAY NOT BE
USED OR REPRODUCED WITHOUT PRIOR
WRITTEN CONSENT.



4510 42nd Avenue
Rock Island, IL 61201
Phone: 309 786-9920
www.jag-architects.com

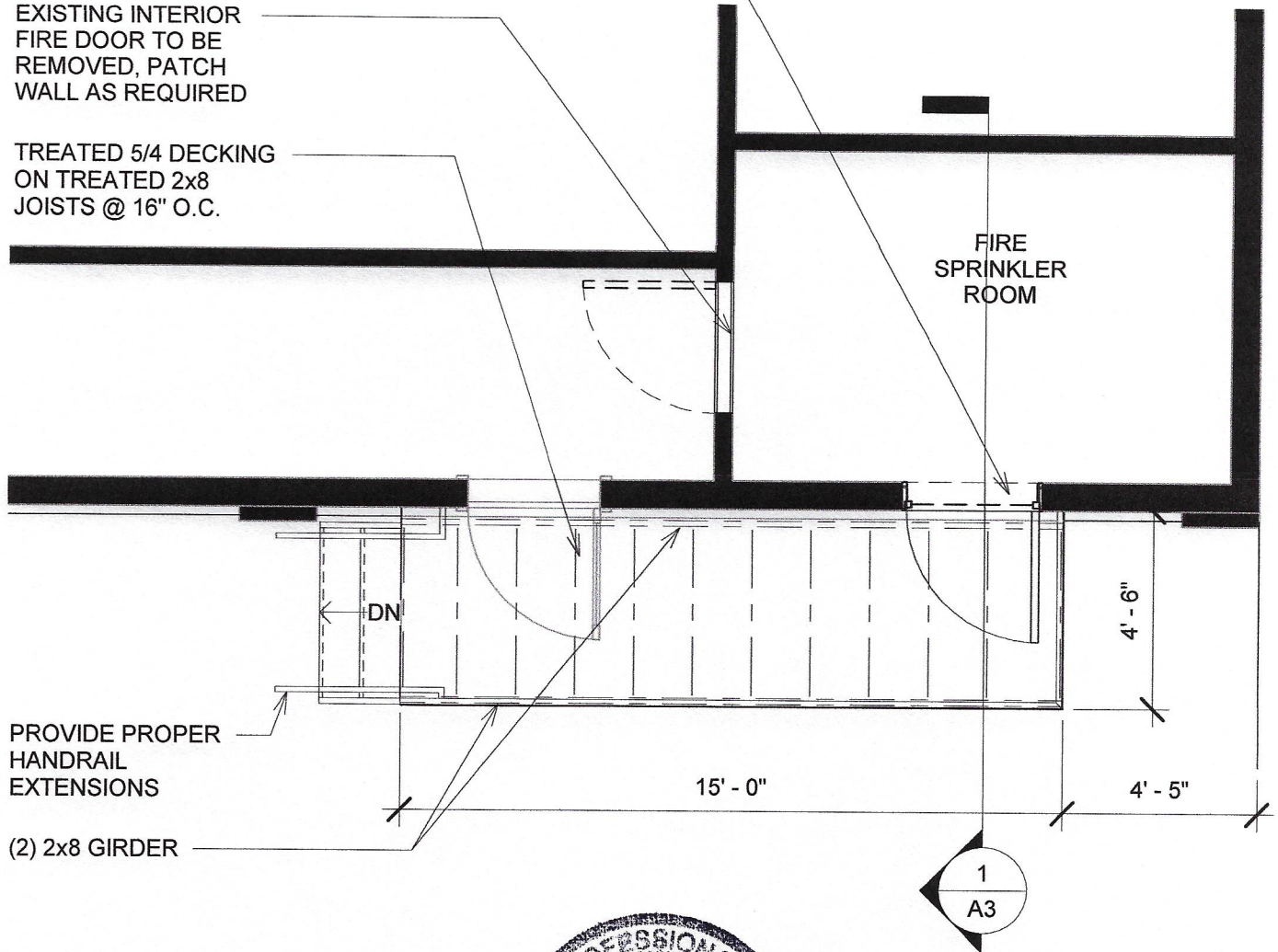
JOSEPH ARCHITECTURAL GROUP, P.C.

NOTE: WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THESE PLANS WE CANNOT BE RESPONSIBLE FOR HUMAN ERROR. THE CONTRACTOR IS RESPONSIBLE TO CHECK ALL DIMENSIONS IN THE FIELD.

EXISTING EXTERIOR WINDOW TO BE REMOVED, INSTALL NEW INSULATED METAL DOOR IN HOLLOW METAL FRAME FILL IN WALL ABOVE DOOR WITH MASONRY

EXISTING INTERIOR FIRE DOOR TO BE REMOVED, PATCH WALL AS REQUIRED

TREATED 5/4 DECKING ON TREATED 2x8 JOISTS @ 16" O.C.



PROVIDE PROPER HANDRAIL EXTENSIONS

(2) 2x8 GIRDER

15' - 0"

4' - 6"

4' - 5"

1
A3



① First Floor
1/4" = 1'-0"

DATE
24 Feb 26
A2
PROJECT #
#01526

Construction Documents for:
Exit Stair
1829 2nd Street, Rock Island, Illinois

© 2016 JosephArchitecturalGroup,PC
All rights reserved
THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE PROPERTY OF JosephArchitecturalGroup AND MAY NOT BE USED OR REPRODUCED WITHOUT PRIOR WRITTEN CONSENT.



4510 42nd Avenue
Rock Island, IL 61201
Phone: 309 786-9920
www.jag-architects.com

JOSEPH ARCHITECTURAL GROUP, P.C.

NOTE: WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THESE PLANS WE CANNOT BE RESPONSIBLE FOR HUMAN ERROR. THE CONTRACTOR IS RESPONSIBLE TO CHECK ALL DIMENSIONS IN THE FIELD.

EXISTING EXTERIOR WINDOW TO BE REMOVED, INSTALL NEW INSULATED METAL DOOR IN HOLLOW METAL FRAME FILL IN WALL ABOVE DOOR WITH MASONRY ON 3-1/2"x 3-1/2"x 5/16" PER 4" WIDTH OF MASONRY

PROVIDE PROPER HANDRAIL EXTENSIONS
12" LEVEL, RETURN TO WALL
1 TREAD SLOPED, RETURN TO WALL

GUARD POSTS @ 5'-0" O.C. (MAX.)

2x8 LEDGER FASTEN TO BUILDING w/ 1/4" TITEN TURBO SCREWS (2) @ 16" O.C.

TREATED 5/4 DECKING ON 2x8 JOISTS @ 16" O.C.

(2) 2x8 GIRDER

6x6 TREATED POSTS (TYPICAL)

First Floor
0' - 0"

Ground
-1' - 9"

1 Section 1
1/2" = 1'-0"



DATE
24 Feb 26
A3

PROJECT #
#01526

Construction Documents for:

Exit Stair

1829 2nd Street, Rock Island, Illinois

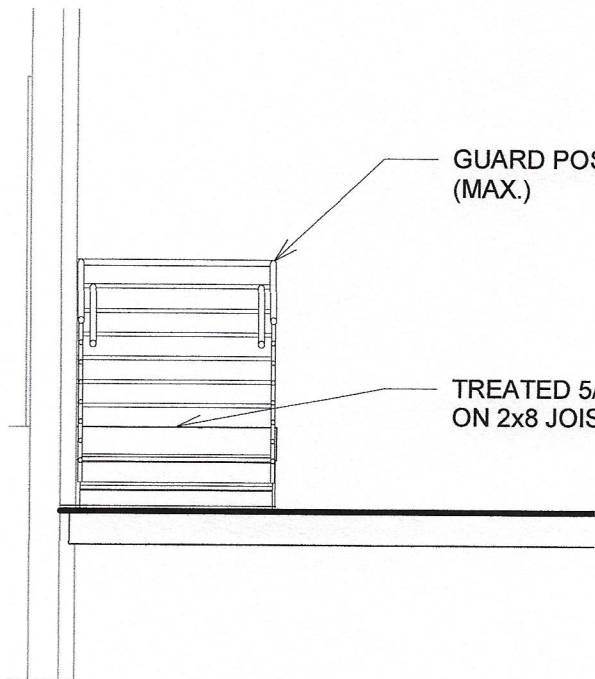
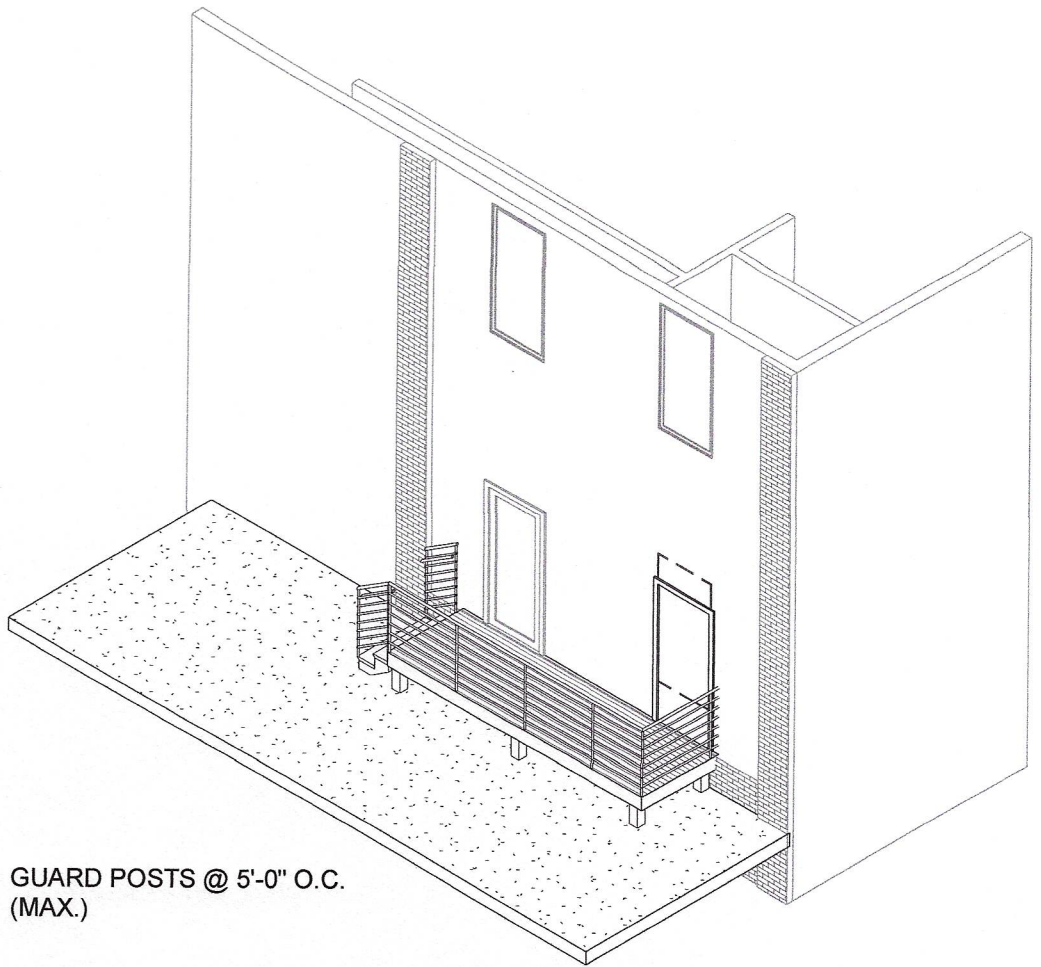
© 2016 JosephArchitecturalGroup,PC
All rights reserved

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE PROPERTY OF JosephArchitecturalGroup AND MAY NOT BE USED OR REPRODUCED WITHOUT PRIOR WRITTEN CONSENT.



4510 42nd Avenue
Rock Island, IL 61201
Phone: 309 786-9920
www.jag-architects.com

JOSEPH ARCHITECTURAL GROUP, P.C.



GUARD POSTS @ 5'-0" O.C.
(MAX.)

TREATED 5/4 DECKING
ON 2x8 JOISTS @ 16" O.C.

2 {3D}

1 Side Elevation
1/4" = 1'-0"

DATE
24 Feb 26
A4
PROJECT #
#01526

Construction Documents for:
Exit Stair
1829 2nd Street, Rock Island, Illinois

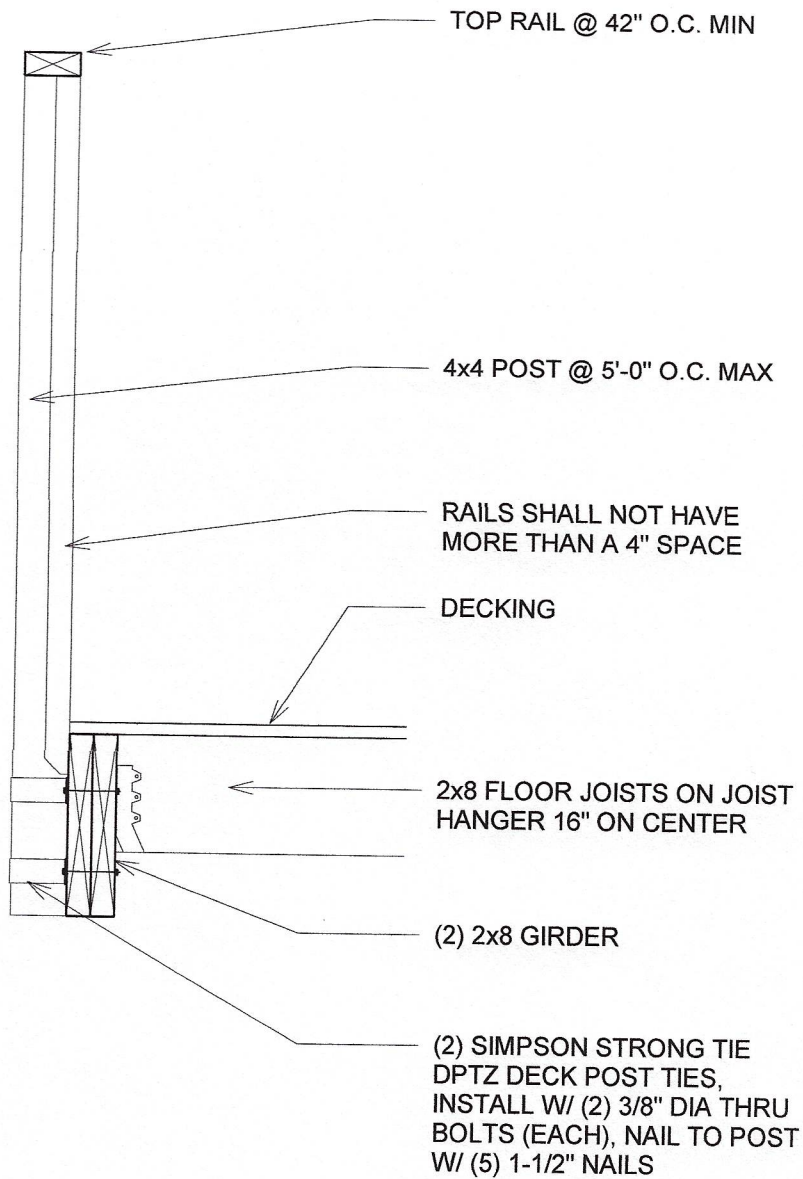


© 2016 JosephArchitecturalGroup,PC
All rights reserved
THIS DOCUMENT IS AN INSTRUMENT OF
SERVICE AND IS THE PROPERTY OF
JosephArchitecturalGroup AND MAY NOT BE
USED OR REPRODUCED WITHOUT PRIOR
WRITTEN CONSENT.

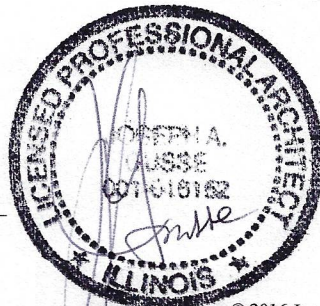


4510 42nd Avenue
Rock Island, IL 61201
Phone: 309 786-9920
www.jag-architects.com

JOSEPH ARCHITECTURAL GROUP, P.C



1 Guard Post Detail
1" = 1'-0"



DATE
24 Feb 26
A5
PROJECT #
#01526

Construction Documents for:
Exit Stair
1829 2nd Street, Rock Island, Illinois

© 2016 JosephArchitecturalGroup.PC
All rights reserved

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE PROPERTY OF JosephArchitecturalGroup AND MAY NOT BE USED OR REPRODUCED WITHOUT PRIOR WRITTEN CONSENT.



4510 42nd Avenue
Rock Island, IL 61201
Phone: 309 786-9920
www.jag-architects.com

JOSEPH ARCHITECTURAL GROUP, P.C

Option B

Door Specifications

Delta R7

Insulated Commercial
Steel Doors

Delta R7

Premium insulated steel doors



Power Ready



STC 35*

Full Size Closer
Reinforcing

Fully Bonded Rigid
Polystyrene

Beveled Edges

7-Gauge Hinge
Reinforcing

18-Gauge A60
Galvanneal

Water-Based
Primer Finish



Additional Options:

- Custom sizes and hardware configurations
- Flush top (steel top cap)
- Paintable galvanneal (unprimed) finish
- G90 galvanized steel
- Square edge/reversible
- Specialty finishes
- Window and louver cutouts
- Fully welded edge



Complies with
ANSI A250.8



Fire-Rated*

- Up to 3hr.
- Singles / Pairs



Hurricane*

- Up to +/- 75psf
- Singles / Pairs



Thermal Value

- R Value = 7.14
- U Value = 0.14

- △ **Rust-inhibiting galvanneal steel**
- △ **Tested to 1,000,000 cycles (Level A)**
- △ **10-year warranty**

Performance Tested

Independently certified to meet the highest standards in performance for fire, severe weather and endurance testing, all backed by an unmatched factory warranty.

Sustainable Design

All door components are manufactured from environmentally responsible materials using the industry's most advanced manufacturing processes. LEED credits available for recycled content, indoor air quality, and regional sourcing.

Hardware Compatibility

Compatible with all leading providers of security and access control systems, for both electrified and mechanical hardware.

Applicable Standards:

- ANSI/BHMA A156.115
- ANSI A250.4
- ANSI A250.8
- ASTM A653
- ANSI A250.10
- UL 10B
- UL 10C
- ASTM E2010
- ASTM E2074
- CAN4 S104
- ASTM E90
- ASTM E413

*See specific listings for full details



DAYBAR

daybar.com
(888) 332-9227

architects@daybar.com
sales@daybar.com

DAYBAR
XPRESS
Page 23 of 43

DW16

Commercial Steel Door Frames

DW16

3-piece knockdown (KD) drywall frames for 1-3/4" doors



Fire-Rated*

- Up to 90min.
- Singles / Pairs



Power Ready



STC

- △ Efficient post-drywall installation
- △ Accelerated schedule friendly
- △ Improved jobsite logistics

Die-Mitered Multi-Tab Corner Assembly

Double Backbend

Adjustable Compression Anchor

7-Gauge Hinge Reinforcing

Unequal Double Rabbeted Profile

Water-Based Primer Finish

16-Gauge A60 Galvanneal Steel



Complies with ANSI A250.8

Performance Tested

Independently tested to meet the highest standards in performance for fire and endurance testing, all backed by a one year factory warranty.

Hardware Compatibility

Engineered to support hollow metal and wood doors with a variety of custom assemblies including both electrified and mechanical hardware.

Sustainable Design

All frame components are manufactured from environmentally responsible materials using the industry's most advanced manufacturing processes. LEED credits available for recycled content, indoor air quality, and regional sourcing.

Additional Options:

- Custom sizes and hardware configurations
- Single rabbet profile
- Equal rabbet profile
- Paintable galvanneal (unprimed) finish

Applicable Standards:

- ANSI/BHMA A156.115
- ASTM A653
- ANSI A250.10
- UL10B
- UL10C
- ASTM E2010
- ASTM E2074
- CAN4 S104
- ASTM E90
- ASTM E413
- ANSI A250.8

*See specific listings for full details



DAYBAR

daybar.com
(888) 332-9227

architects@daybar.com
sales@daybar.com

DAYBAR
XPRESS

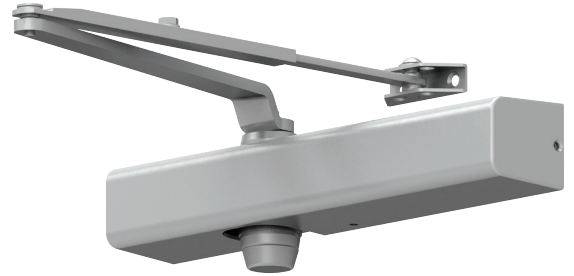
FALCON®

Surface mounted closer

SC80A Series

Overview

The SC80A Series is a medium-duty closer made for light- to medium-duty applications, both interior and exterior. It is ideal for side doors, closets and bathrooms in schools, retail shops, restaurants and small office buildings.



Cylinder

SC81A-3017

Single piece cast aluminum cylinder assembly

Handing

Non-handed

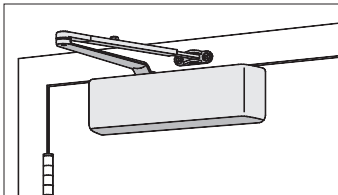
Sizing

Adjustable spring size 1-6

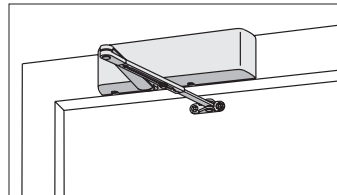
Available cylinder options

DEL	Delayed action cylinder
-----	-------------------------

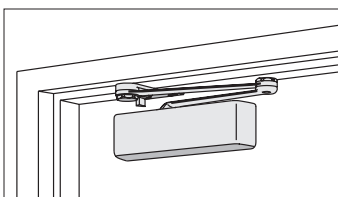
Mounting



Hinge (pull side)



Top jamb (push side)



Parallel arm (push side)

Finishes

Powder coat finishes



689
Aluminum



695
Dark Bronze



696
Brass

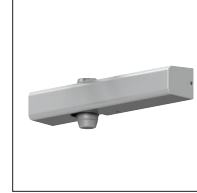
Metal plate finishes



622¹
Matte Black

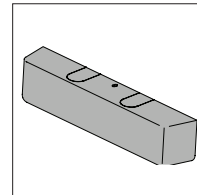
Covers

Standard cover



SC80A-72
Slim line plastic cover
▪ Non-handed

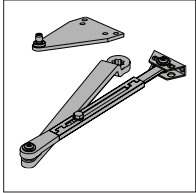
Optional cover



SC80A-72FC
Full plastic cover
▪ Non-handed
▪ Optional

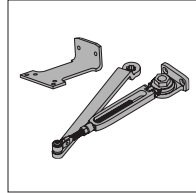
¹ Only available on standard cylinders and RW/PA, HW/PA, and DS arms

Arms



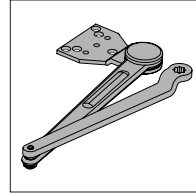
SC80A-3077PA
Regular arm

- Non-handed
- Adjustable arm with forearm assembly for range of door and frame reveal conditions
- Mounts hinge side, top jamb or parallel arm
- PA shoe allows install in a parallel arm configuration



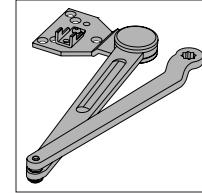
SC80A-3049PA
Hold-open regular arm

- Non-handed
- Hold open arm with adjustable forearm assembly for range of door and frame reveal conditions
- Mounts hinge side, top jamb or parallel arm
- PA shoe allows install in a parallel arm configuration
- Optional



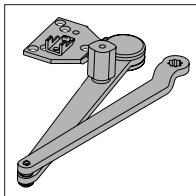
SC80A-3077HD
Heavy duty arm

- Non-handed
- Stamped, heavy duty, parallel arm for use in high-traffic applications
- Optional



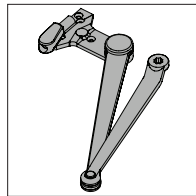
SC80A-3077DS
Dead stop arm

- Non-handed
- Stamped, heavy duty, parallel arm
- Includes positive mechanical stop and non-adjustable forearm assembly for potentially abusive installations
- Optional



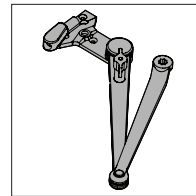
SC80A-3049DS
Dead stop hold-open arm

- Non-handed
- Stamped, heavy duty, hold-open parallel arm
- Includes positive mechanical stop and non-adjustable forearm assembly for potentially abusive installations
- Includes manually selective hold-open function
- Optional



SC80A-3077SS
Spring-n-stop arm

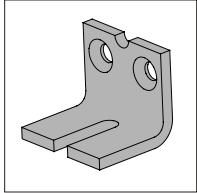
- Non-handed
- Extra heavy-duty, forged parallel arm
- Integral spring stop and non-adjustable forearm assembly for potentially abusive installation conditions
- Optional



SC80A-3049SS
Spring-n-stop hold-open arm

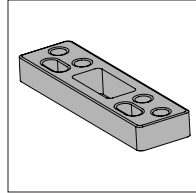
- Non-handed
- Extra heavy-duty, forged parallel arm
- Integral spring stop and non-adjustable forearm assembly for potentially abusive installation conditions
- Includes manually selective hold-open function
- Optional

Installation accessories



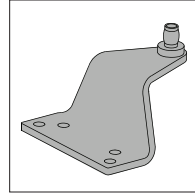
SC80A-30 Soffit shoe support

- Anchorage for fifth screw used with soffit shoe, where reveal is less than $3\frac{1}{16}$ " (78mm)



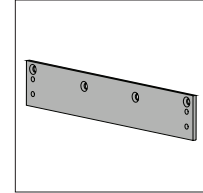
SC80A-61 Blade stop spacer

- Required to lower parallel arm shoe to clear $\frac{1}{2}$ " (13mm) blade stop



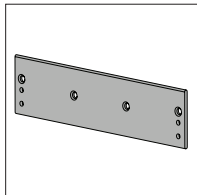
SC80A-62A Auxiliary shoe

- Requires top rail of 7" (178mm)
- PA shoe replacement for parallel arm mounting of regular arm with overhead holder/stop
- Optional



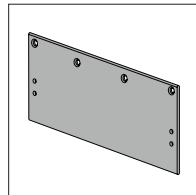
SC80A-18 Plate

- Required for top jamb mounting where head frame is less than $1\frac{3}{4}$ " (44mm) or flush ceiling conditions exists



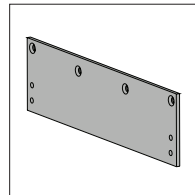
SC80A-18FC Plate

- Required for top jamb mounting where head frame is less than $1\frac{3}{4}$ " (44mm) or flush ceiling conditions exist
- Use with SC80A-72FC full cover



SC80A-18PA Plate

- Required for parallel arm mounting where top rail is less than $4\frac{3}{8}$ " (111mm), measured from the stop
- Plate requires $1\frac{7}{8}$ " (48mm) minimum top rail, measured from stop



SC80A-18PAFC Plate

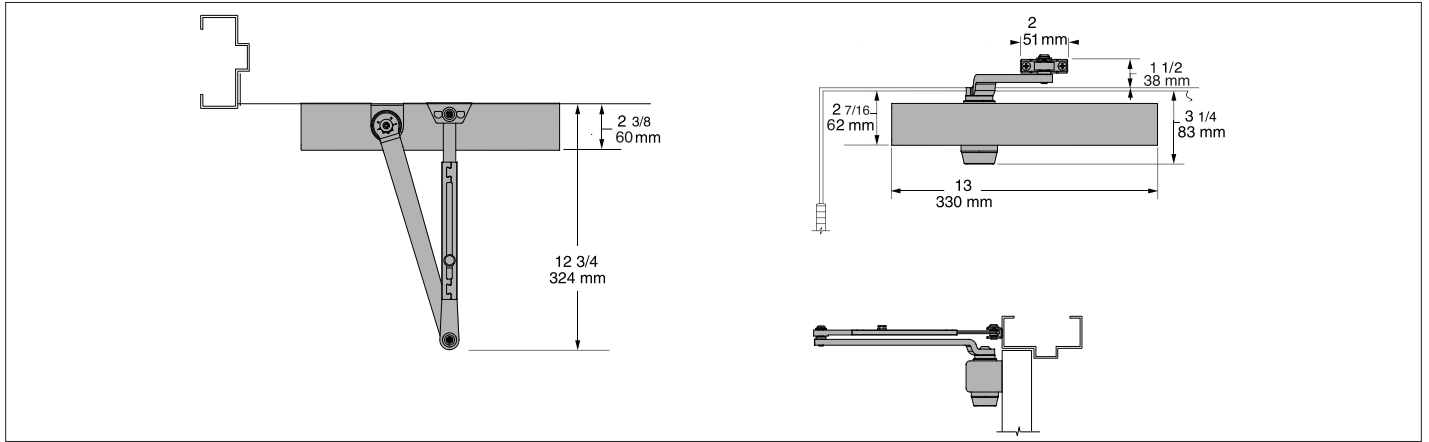
- Required for parallel arm mounting where top rail is less than $4\frac{3}{8}$ " (111mm), measured from the stop
- Plate requires $1\frac{7}{8}$ " (48mm) minimum top rail, measured from stop
- Use with SC80A-72FC full cover

Fasteners

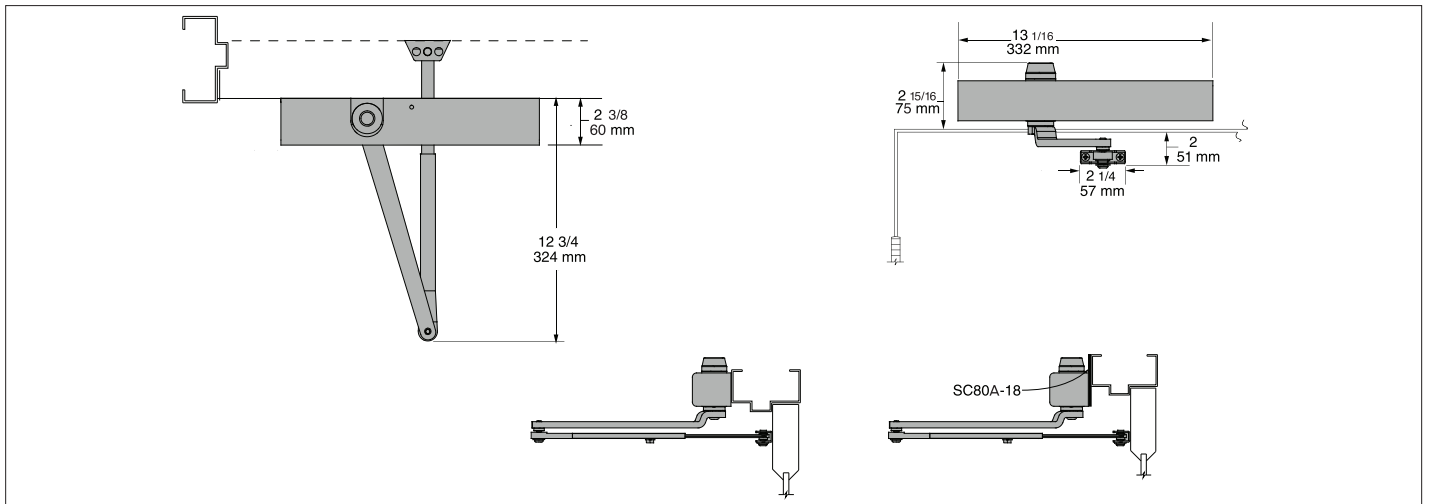
Comes standard with universal screw pack (UNIV), including self reaming and tapping screws

Dimensions and mounting

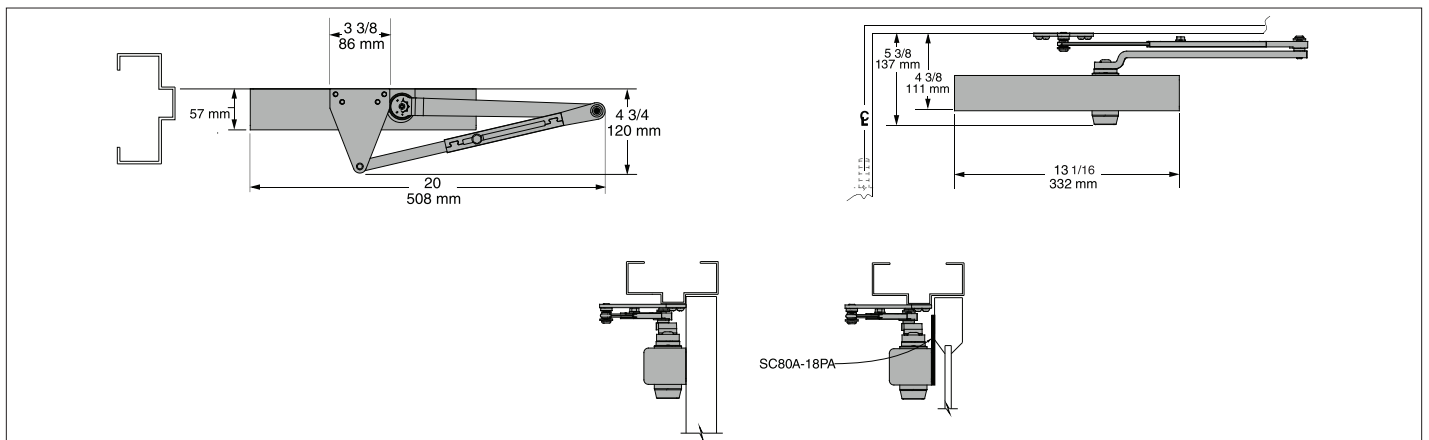
SC80A Series hinge (pull side)



SC80A Series top jamb (push side)

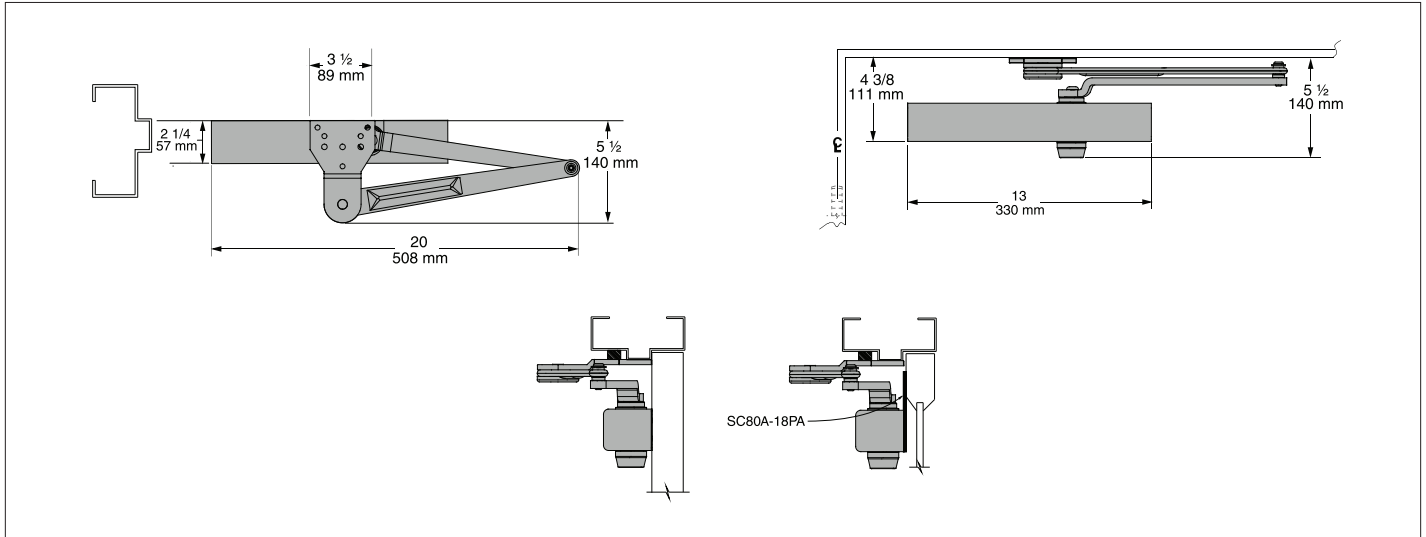


SC80A Series parallel (push side)

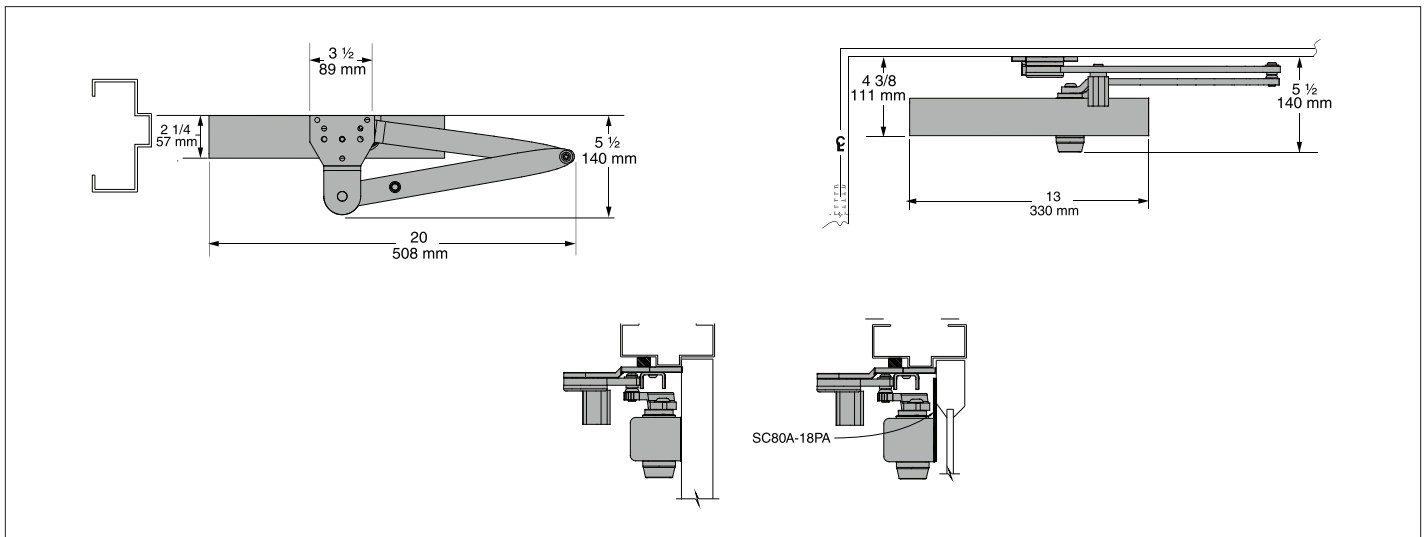


Dimensions and mounting

SC80A Series heavy duty (parallel)



SC80A Series dead stop HO (parallel)



Specifications

Accessibility	Available with less than 5.0 lbs. opening force on 36" door
Certifications/ approvals	<ul style="list-style-type: none"> ▪ Grade 1 ANSI/BHMA A156.4 ▪ UL10C and UBC 7-2 (1997) ▪ Cover is UL approved for use in fire rated assemblies ▪ Meets the American Disabilities Act (ADA)
Degree of operation	<p>Hinge (pull side) mount</p> <p>Max opening: 180°</p> <p>Hold open: Hold Open point is adjustable, up to 180°</p> <p>Top jam (push side) mount</p> <p>Max opening: 180°</p> <p>Hold open: Adjustable up to 180°</p> <p>Parallel arm</p> <p>Max opening: 180°</p> <p>Hold open: Adjustable up to 180°</p> <p>Heavy duty arm</p> <p>Max opening: 180°</p> <p>Hold open: "Heavy Duty" hold open is not available.</p> <p>Dead stop HO arm</p> <p>Max opening: 110°</p> <p>Hold open: 110° or 90° (based on installation template, not adjustable)</p>
Environmental conditions	<ul style="list-style-type: none"> ▪ Approved for interior use ▪ Standard all weather fluid ▪ Separate adjustable general speed, latch speed and backcheck
Warranty	10 years
Standard features	<ul style="list-style-type: none"> ▪ Single piece cast aluminum body ▪ 1 1/4" diameter heat treated steel piston ▪ Heat-treated pinion

FALCON®

MA Series

Grade 1 mortise lock

Overview

Falcon is committed to delivering a solid product at a solid price and the MA Series is one of Falcon's toughest, most dependable locks. It delivers high performance at an affordable cost for any commercial setting such as office buildings, universities, healthcare facilities, and multi-family applications. The MA Series lock makes retrofitting easy with its ability to be re-handed in the field without opening the mortise case. With BHMA Grade 1 Security, BHMA Grade 1 Operational along with UL 3 hour ratings, the MA Series is designed to meet your needs.

Features and benefits:

- Ability to easily rehand the lock in the field
- 1" stainless steel deadbolt with security roller pins
- 28 total functions
- Flexible trim and finish styles to match any design
- 2 piece, anti-friction stainless steel, field reversible latchbolt
- Accepts 5, 6 or 7 pin standard cylinders
- Accepts both Falcon and other manufactures small format interchangeable cores (SFIC)

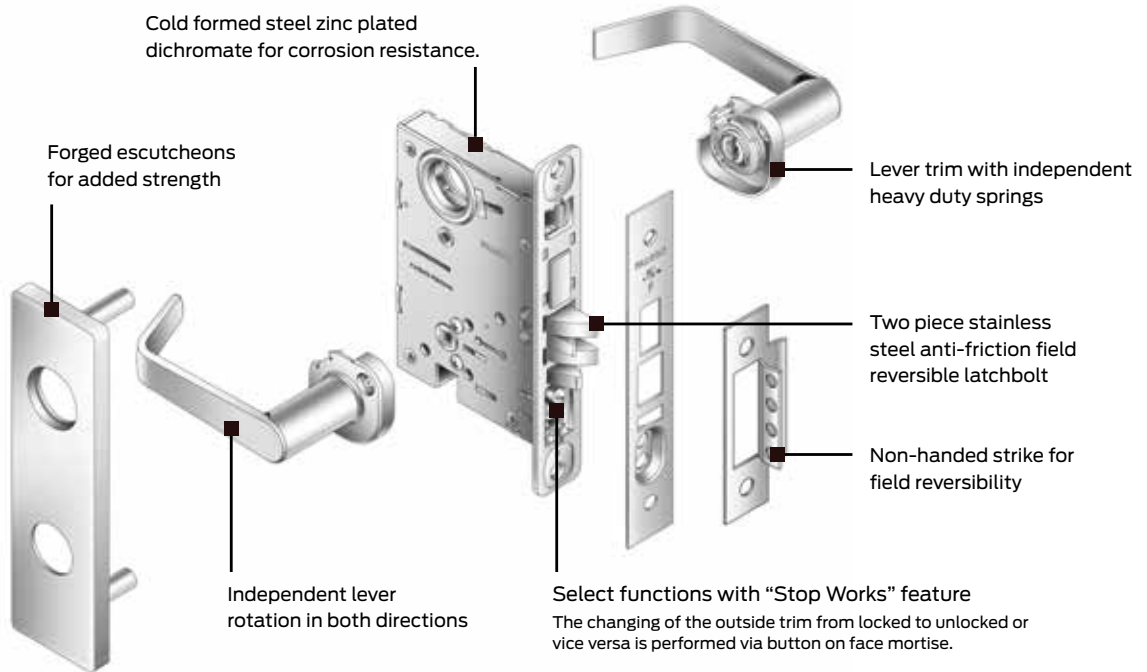


MA Series

Grade 1 performance featuring lever or knob trim

Options include:

- Abrasive lever
- Knurling
- Lead lining



Same great designs that can be suited with a variety of Falcon lock products

All lever and knob designs are available in either Gala or Napa trim styles



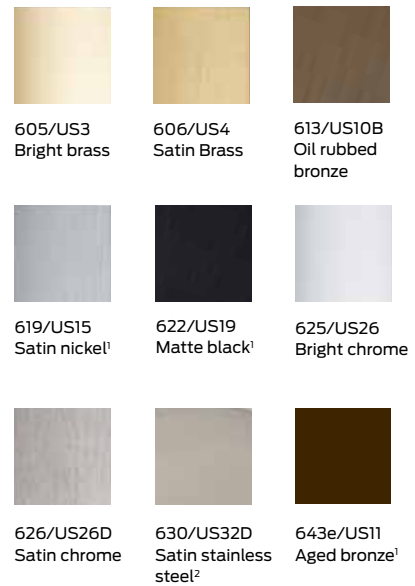
Gala (G) trim style



Napa (N) trim style



Available finishes



¹ Finish available on Boardwalk, Broadway, Latitude, and Longitude levers only

² Finish available on Dane, Quantum, Avalon, Sutro, and Hana lever/knob designs only

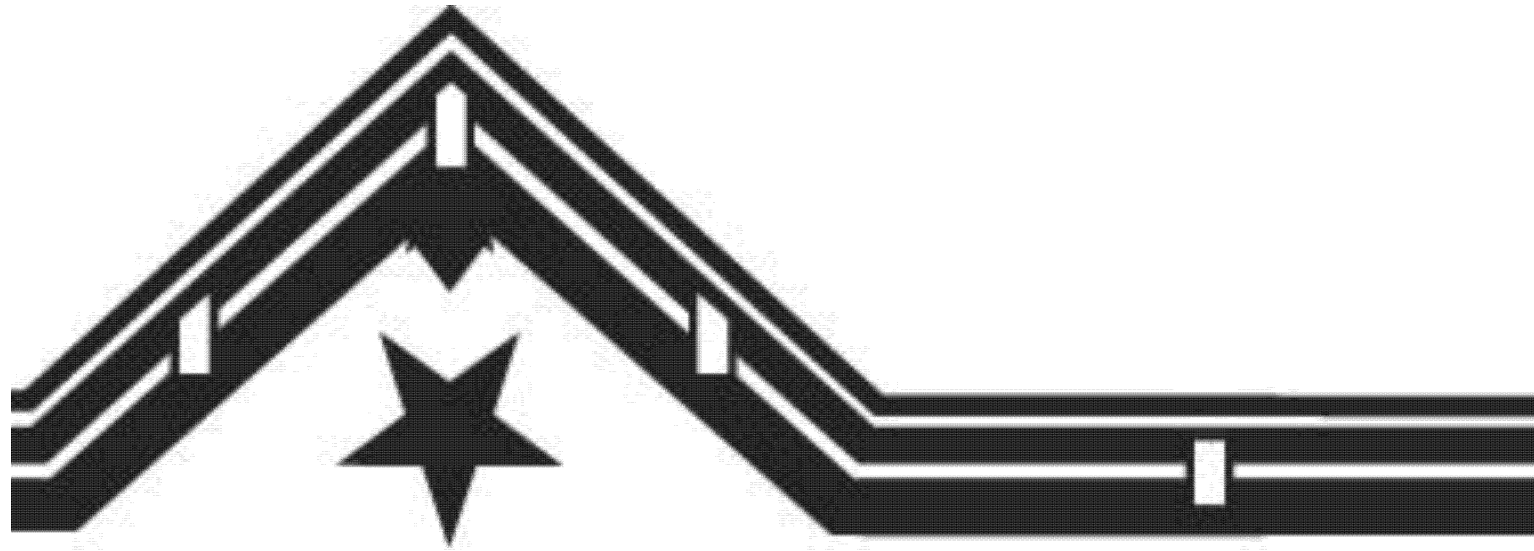
About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries. For more, visit www.allegion.com.



© 2017 Allegion
006198, Rev. 05/17
www.allegion.com/us

PHOTOS



STAR BLOCK



Star Block 1

1821- 1823 2nd Avenue
Owner: Star Block Lofts LLC



Star Block 2

1825 & 1827-29 2nd Avenue
Owner: Development Association of Rock Island





Exterior Door Project 19th Street

Exit Stairs and Ramp Rendering



PROJECT DESCRIPTION:
New exterior ramp and stairs at existing building

DOOR SWING AT EXITS:
Doors to swing in direction of egress travel

EMERGENCY & EXIT LIGHTS:
Provided at all exits with battery back up lit path to public way (inside & outside), see Electrical

HANDICAP ACCESSIBLE BUILDING:
Per IBC chapter 11

APPLICABLE CODES

1. 2021 International Property Maintenance Code*
2. 2021 International Building Code*
3. 2021 International Fuel Gas Code
4. 2021 International Mechanical Code*
5. 2021 International Existing Building Code*
6. 2021 International Energy Conservation Code
7. 2020 National Electrical Code*
8. State of Illinois Plumbing Code
9. Illinois Accessibility Code (Illustrations)
10. City of Rock Island Code of Ordinances
11. *with local amendments, appendix of amendments

PROJECT DIRECTORY

Street Address
1829 2nd Avenue
Rock Island, Illinois

Architect
Joseph Architectural Group, P.C.
4510 42nd Avenue
Rock Island, Illinois 61201
Joseph A. Gusse
(309) 786-9920
joseph@jag-architects.com

Contractor
Bi-State Masonry, Inc.
4900 8th Avenue
East Moline, IL 61244
Justin Smith
justin@bsmqc.com

Local Jurisdiction
City of Rock Island
1528 Third Avenue
Rock Island, IL 61201
(309) 732-2000

COMMON ABBREVIATIONS

A.C.	ACRE
A.F.F.	ABOVE FINISH FLOOR
ALUM.	ALUMINUM
ASPH.	ASPHALT
B.O.	BOTTOM OF...
C.L.	CENTER LINE
C.T.	CERAMIC TILE
CONC.	CONCRETE
CPT.	CARPET
EXIST.	EXISTING
F.E.	FIRE EXTINGUISHER
F.F.E.	FINISH FLOOR ELEVATION
FTG.	FOOTING
GYP. BD.	GYPSUM BOARD
H.M.	HOLLOW METAL
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
P. LAM.	PLASTIC LAMINATE
P.F.	PREFINISHED
PT.	PAINT
S.C.	SOLID CORE
T.O.	TOP OF...
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
V.C.T.	VINYL COMPOSITION TILE
V.I.F.	VERIFY IN FIELD
V.W.C.	VINYL WALL COVERING

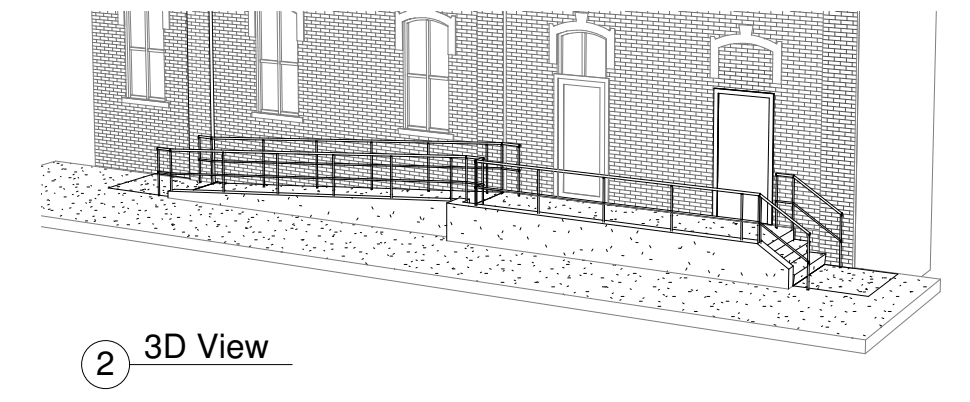
GENERAL NOTES

1. ALL WORK SHALL CONFORM TO FEDERAL, STATE AND LOCAL LAWS, CODES AND ORDINANCES THAT APPLY TO THIS CLASS OF WORK.
2. THE GENERAL CONTRACTOR SHALL OBTAIN AND PAY FOR THE BUILDING PERMIT.
3. THE GENERAL CONTRACTOR SHALL COOPERATE WITH THE ARCHITECT, OWNER AND OTHER CONTRACTORS IN PERFORMING THE WORK IN THE ENTIRE PROJECT.
4. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION, SHALL COORDINATE AND ORGANIZE PROJECT PROGRESS MEETINGS, SHALL DISTRIBUTE SHOP DRAWINGS FOR APPROVAL, ETC. AND PERFORM ALL OTHER SERVICES RELATING TO THE DRAWINGS AND SPECIFICATIONS AS SHOWN AND CALLED FOR.
5. ALL ITEMS AND MATERIALS INDICATED ON THE DRAWINGS OR REQUIRED FOR A COMPLETE INSTALLATION BUT NOT HEREIN SPECIFIED SHALL BE FURNISHED AND INSTALLED IN STRICT COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS.
6. THE GENERAL CONTRACTOR SHALL PROVIDE WOOD BLOCKING IN WALLS AS REQUIRED FOR ALL MOUNTED EQUIPMENT, ACCESSORIES, FIXTURES, ETC.
7. PATCH AND REPAIR ALL WALLS, CEILINGS, FLOORS, ETC. DAMAGED PRIOR TO OWNER MOVE-IN. FINAL CLEANING INCLUDING: REMOVAL OF LABELS, CLEANING TRANSPARENT MATERIALS, EXPOSED SURFACES TO BE FREE OF DUST, STAINS, FILMS AND FOREIGN SUBSTANCES. VACUUMED CARPETS, CLEANED PLUMBING AND ELECTRICAL FIXTURES AND A CLEAN SITE SHALL BE PERFORMED PRIOR TO INSPECTION FOR CERTIFICATE OF SUBSTANTIAL COMPLETION.
8. ALL TIMBER USED SHALL BE AS SPECIFIED UNDER THE STRUCTURAL SPECIFICATIONS. ALL LUMBER USED AT ROOF OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPB STD. LF-2.
9. ALL CUTTING AND PATCHING SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE VARIOUS TRADES INVOLVED. NO EXCESSIVE CUTTING WILL BE PERMITTED, NOR SHALL ANY STRUCTURAL MEMBER BE CUT WITHOUT THE CONSENT OF THE STRUCTURAL ENGINEER.
10. ALL EXIT DISCHARGE SHALL BE ILLUMINATED AT ALL EXIT DISCHARGE LOCATIONS.
11. TACTILE EXIT SIGNS SHALL BE PROVIDED AS REQUIRED AT APPROPRIATE LOCATIONS.
12. PROVIDE ALL REQUIRED SIGNAGE FOR ALL ACCESSIBLE ELEMENTS INCLUDING BUT NOT LIMITED TO: PARKING, TOILETS, ENTRANCES, ETC.
13. ALL MECHANICAL, ELECTRICAL & PLUMBING WORK SHALL COMPLY WITH FEDERAL, STATE AND LOCAL CODES.
14. EACH CONTRACTOR IS RESPONSIBLE FOR ANY FEES, TAPS, AND PERMITS NECESSARY FOR THEIR PARTICULAR WORK.
15. ANY ADDITIONAL DRAWINGS, DIAGRAMS, DETAILS, ENGINEERING STAMPS, ETC. REQUIRED TO OBTAIN MECHANICAL, ELECTRICAL OR PLUMBING PERMIT IS UP TO THE INDIVIDUAL CONTRACTOR.
16. WORK TO INCLUDE ANY AND ALL FINAL CONNECTIONS TO EQUIPMENT, INCLUDING EQUIPMENT FURNISHED BY OTHERS.
17. POST ADDRESS ON BUILDING PER CITY CODE

Exit Stair and Ramp

1829 2nd Avenue

Rock Island, Illinois



① Site Plan
1" = 20'-0"

Sheet Number	Sheet Name	Original Date	Date Revised	Date Revision Sent	Detail/Change Made
A0	Cover Sheet				
A1	Floor Plan, Elevations, & Sections				
S0	Structural Notes				
S1	Foundation Plan				

4510 42nd Avenue
Rock Island, IL 61201
Phone: 309.786.9920
jag-architects.com

JOSEPH ARCHITECTURAL GROUP, P.C.

© 2026 JosephArchitecturalGroup.PC
All rights reserved.
THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND MAY NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT PRIOR WRITTEN CONSENT.

REVISIONS

Construction Documents for:
Exit Stair and Ramp
1829 2nd Avenue, Rock Island, Illinois

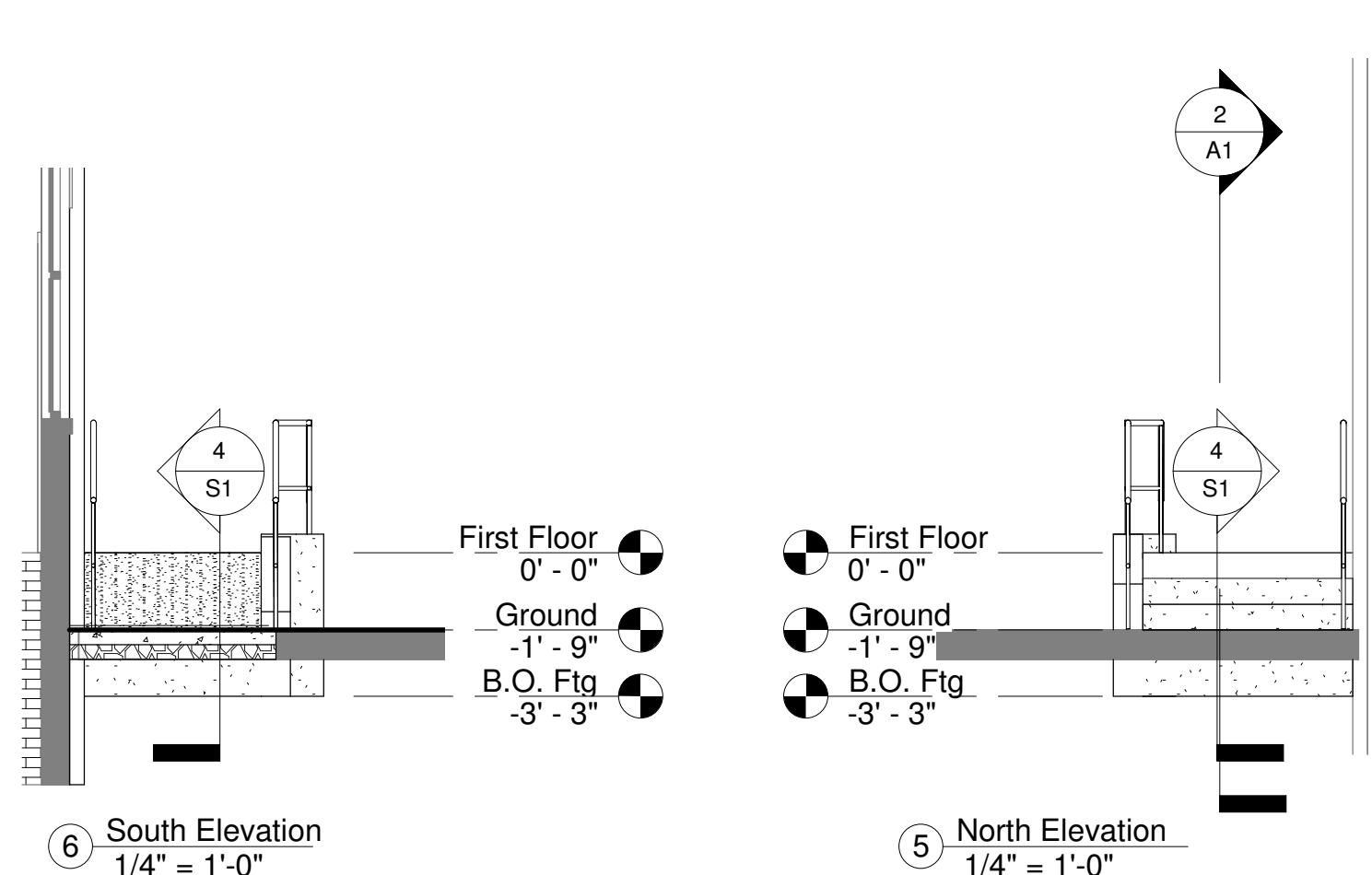
Cover Sheet

DATE
23 March Feb 26

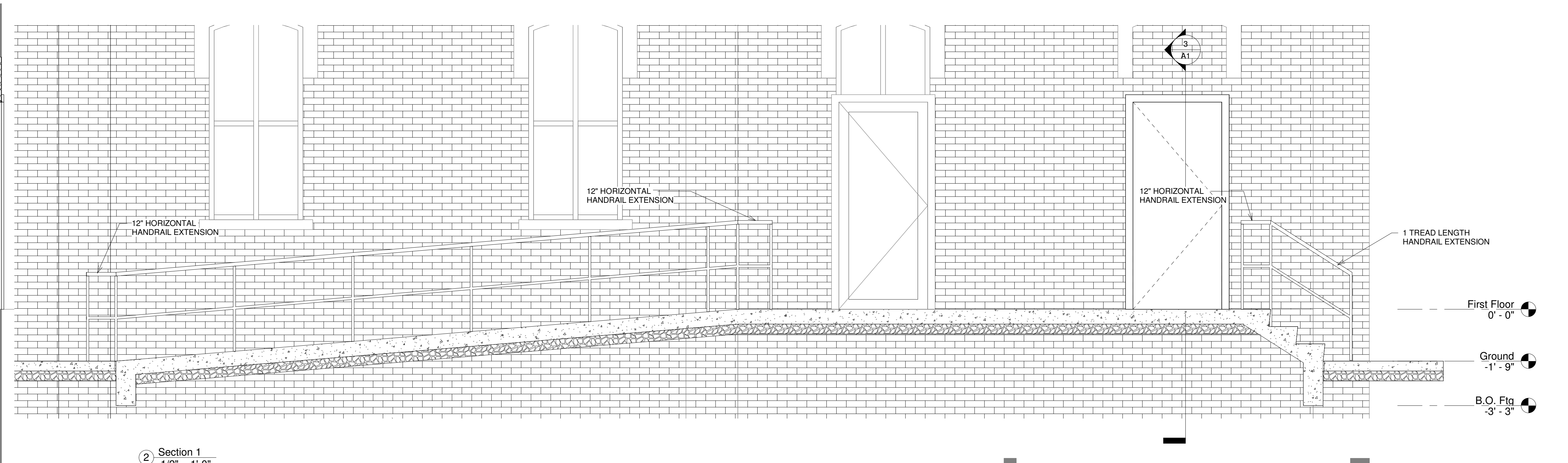
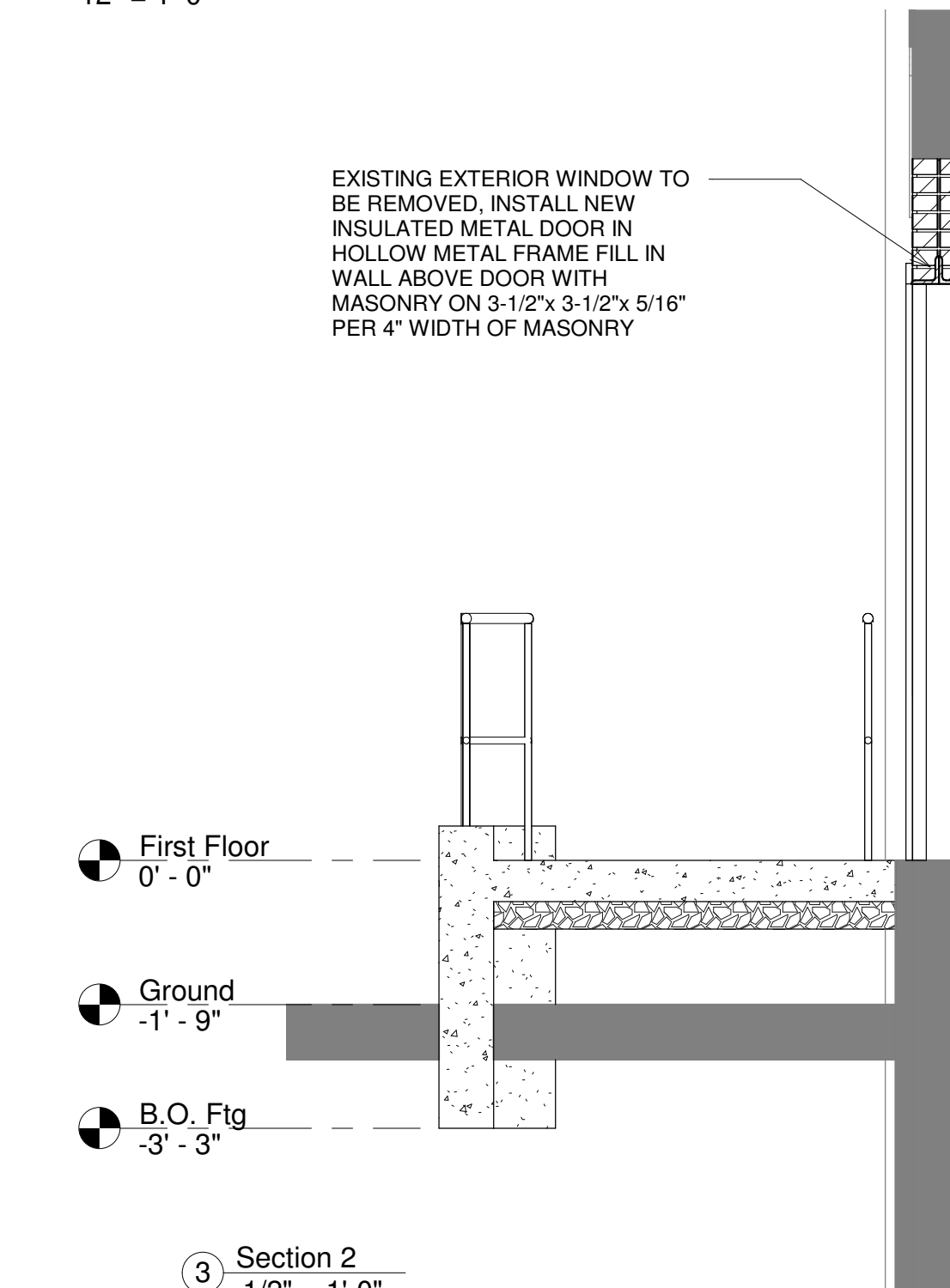
A0
PROJECT NO.
#01526

- PROVIDE HANDRAIL BOTH SIDES
- HEIGHT OF TOP OF HANDRAIL ABOVE TREADS 34"-38"
- AT THE TOP OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MIN. BEGINNING DIRECTLY ABOVE THE FIRST RISER NOSING. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE. OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT. AT THE BOTTOM OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE AT LEAST EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING. EXTENSION SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE. OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.
- PROVIDE 1 1/2" CLEAR BETWEEN HANDRAIL AND WALL. HANDRAIL GRIPPING SURFACES WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4 INCHES MIN. AND 2 INCHES MAX.
- ALL TREADS SURFACES ARE TO BE SLIP RESISTANT.
- ALL EXPOSED EDGES OF TREADS ARE TO BE SMOOTH, ROUNDED OR CHAMFERED. NO ABRUPT EDGES AT LOWER FRONT EDGE OF NOSING.
- NOSING PROJECTION PAST FACE OR RISER BELOW TO BE 1 1/2" MAXIMUM.
- RISERS 7" MAX. VERT. 4" MIN.
- TREADS 11" MIN. HORIZONTAL
- MINIMUM HEADROOM CLEARANCE MEASURED VERTICALLY FROM THE PLANE OF THE CEILING FINISH TANGENT TO THE TREAD NOSING AT THE STAIRWELL: 6'-8" MIN. CLEAR.
- MAX. VERTICAL DISTANCE BETWEEN STAIRWAY LANDINGS: 12'-0". STAIR LANDINGS SHALL HAVE A MINIMUM DEPTH, MEASURED PARALLEL TO THE DIRECTION OF TRAVEL, EQUAL TO THE WIDTH OF THE STAIRWAY OR 48 INCHES, WHICHEVER IS LESS.
- MARK WITH A 2" WIDE STRIPE OF CONTRASTING COLOR PARALLEL TO AND NOT MORE THAN 1" FROM THE NOSE OF THE STEP OR LANDING. THE UPPER APPROACH AND LOWER TREAD OF EACH STAIR. USE A SLIP RESISTANT MATERIAL FOR THE STRIP AT EACH NOSING AND LANDING.

○ Stair Notes
12" = 1'-0"



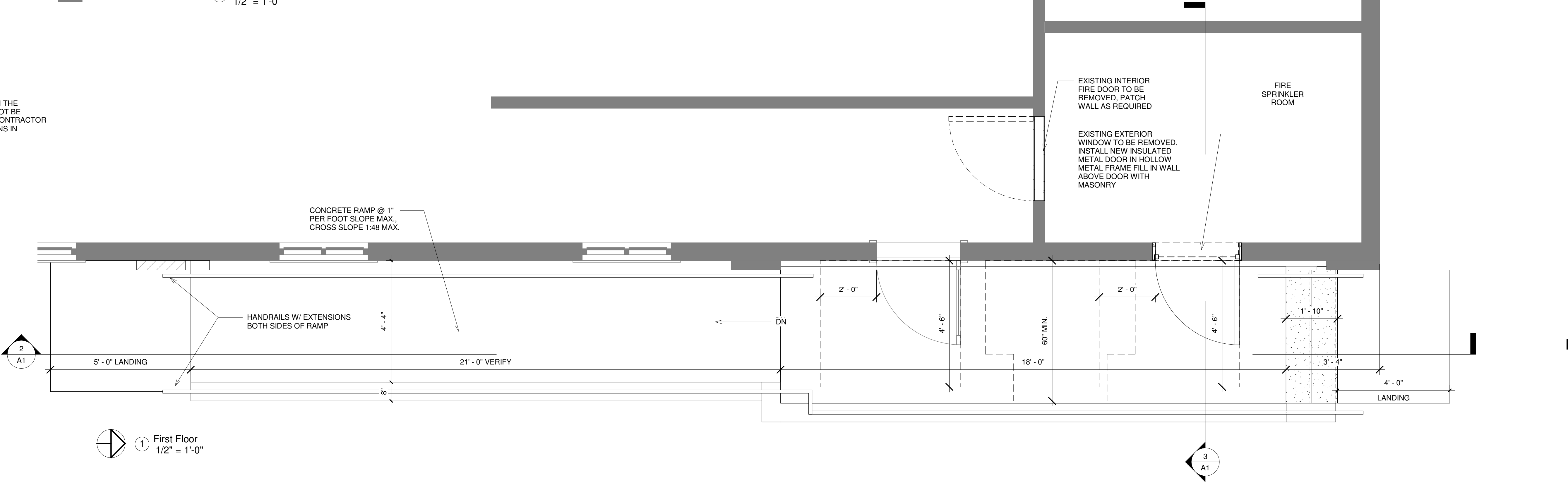
GLAZING WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE OF STAIRWAYS, LANDINGS BETWEEN FLIGHTS OF STAIRS AND RAMPS SHALL BE CONSIDERED A HAZARDOUS LOCATION AND REQUIRES SAFETY GLAZING



NOTE: WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THESE PLANS WE CANNOT BE RESPONSIBLE FOR HUMAN ERROR. THE CONTRACTOR IS RESPONSIBLE TO CHECK ALL DIMENSIONS IN THE FIELD.

- PROVIDE HANDRAIL BOTH SIDES
- HEIGHT OF TOP OF HANDRAIL ABOVE RAMP 34"-38"
- AT THE TOP OF THE RAMP, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MIN. BEGINNING DIRECTLY ABOVE THE START OF THE RAMP. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE. AT THE BOTTOM OF THE RAMP, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MIN. BEGINNING DIRECTLY ABOVE THE START OF THE RAMP. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE.
- PROVIDE 1 1/2" CLEAR BETWEEN HANDRAIL AND WALL. HANDRAIL GRIPPING SURFACES WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4 INCHES MIN. AND 2 INCHES MAX.
- LANDING SLOPE SHALL NOT EXCEED 1:48
- RAMP CROSS SLOPE SHALL NOT EXCEED 1:48
- LANDINGS SHALL BE DESIGNED TO PREVENT ACCUMULATION OF WATER.

○ Ramp Notes
12" = 1'-0"



REVISIONS

1	
2	
3	

Construction Documents for:
Exit Stair and Ramp
1829 2nd Avenue, Rock Island, Illinois

STRUCTURAL NOTES

DESIGN DATA

- DESIGN SOIL PRESSURE1500 PSF
 - MINIMUM 28 - DAY COMPRESSIVE STRENGTH (FC) OF CAST-IN-PLACE CONCRETE:
 - GRADE WALLS, SLABS-ON-GRADE AND ALL CONCRETE EXPOSED TO FREEZING WEATHER.....4000 PSF
 - FOOTING AND OTHER CONCRETE.....3000 PSF
 - REINFORCING STEEL:
 - DEFORMED REINFORCING BARS.....ASTM A615-60
 - WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 AND ASTM A82. PROVIDE FLAT SHEETS - ROLLS ARE NOT ACCEPTABLE
 - METALS:
 - STRUCTURAL STEEL SHAPES.....ASTM A992
 - STRUCTURAL STEEL CHANNELS, ANGLES, PLATES, ETC.....ASTM A36
 - SQUARE OR RECTANGULAR TUBING.....ASTM A500 (FY = 46 KSI)
 - STANDARD BOLTS (1/2" OR LESS).....ASTM A307
 - HIGH STRENGTH BOLTS (5/8" OR GREATER).....ASTM A325
 - ANCHOR RODS.....ASTM A36
 - WELDING ELECTRODES.....AWS E70
 - FORM DECK.....1.0" X 24 GAGE CONFORM OR EQUIVALENT
 - NON-STICK GROUT: EMBECO 636 AS MANUFACTURED BY MOSTAR BUILDERS, CLEVELAND, OH, FERROGROUT BY L & M CONSTRUCTION CHEMICALS OR FERROLITH G BY SONNEBORN BUILDINGS PRODUCTS.
 - WOOD:
 - 2 X 4 AND 2 X 6: SPRUCE-PINE-FIR, NO. 2 AND BETTER
 - 2 X 8 AND LARGER: DOUGLAS FIR-LARCH, NO. 2 AND BETTER
 - MICROLAM BEAMS: 1.9e LVL, OR BETTER
 - ROOF SHEATHING: 7/16" APA RATED STRUCTURAL I SHEATHING WITH A SPAN RATING OF 24'16 AND AN EXPOSURE DURABILITY RATING OF EXPOSURE 1, OR OTHER APPROVED MATERIAL. NAIL SHEATHING TO ROOF TRUSSES USING 10D COMMON NAILS AT 4" O.C. AT PANEL EDGES AND AT 12" O.C. AT INTERMEDIATE SUPPORTS.
 - WALL SHEATHING: 7/16" APA RATED OSB. NAIL SHEATHING TO STUDS USING 8D COMMON NAILS AT 4" O.C. AT PANEL EDGES AND AT 12" O.C. AT INTERMEDIATE STUDS.
 - FLOOR SHEATHING: 3/4" TONGUE & GROOVE APA RATED STURD-I-FLOOR, EXPOSURE 1 WITH A MINIMUM SPAN RATING OF 24"
 - PREFABRICATED WOOD ROOF TRUSSES:
 - TRUSSES SHALL BE FABRICATED WITH WOOD CHORDS AND WOOD OR METAL WEBS IN ACCORDANCE WITH DESIGNS PREPARED UNDER THE SUPERVISION AND CERTIFIED IN WRITING BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF IOWA.
 - DESIGN SHALL CONFORM WITH THE APPLICABLE PROVISIONS OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", PUBLISHED BY THE NATIONAL FOREST AND PAPER PRODUCTS ASSOC. AND ANY OTHER APPLICABLE CODE DEPENDING ON TYPE OF TRUSS USED.
 - DESIGN CRITERIA - MAIN ROOF TRUSSES:
 - TOP CHORD DEAD LOAD.....10 PSF
 - BOTTOM CHORD DEAD LOAD.....10 PSF
 - TOP CHORD LIVE LOAD.....30 PSF
- DESIGN LOADS:
 - ROOF LIVE LOAD 30 PSF
 - ROOF SNOW LOAD
 - FLAT-ROOF SNOW LOAD $P_f = 30\mu$
 - SNOW EXPOSURE FACTOR $C_e = 0.9$
 - SNOW LOAD IMPORTANCE FACTOR $I_s = 1.1$
 - THERMAL FACTOR $C_t = 1.0$
 - WIND LOAD
 - BASIC WIND SPEED MPH(KPH) 115(51)
 - WIND IMPORTANCE FACTOR $I_w = 1.15$
 - WIND EXPOSURE B
 - INTERNAL PRESSURE COEFFICIENT = +/- .18
 - DESIGN WIND PRESSURE = +5.865/-15.755
 - EARTHQUAKE DESIGN DATA
 - SEISMIC IMPORTANCE FACTOR $I_e = 1.25$
 - MAPPED SPECTRAL RESPONSE ACCELERATIONS $S_s = 12, S_d = 56$
 - SITE CLASS D
 - SPECTRAL RESPONSE COEFFICIENTS $S_{ds} = .1267, S_{d1} = .06336$
 - SEISMIC DESIGN CATEGORY A
 - BASIC SEISMIC FORCE-RESISTING SYSTEMS - SHEAR WALLS
 - DESIGN BASE SHEAR 1455 PSF
 - SEISMIC RESPONSE COEFFICIENT $C_s = .063$
 - RESPONSE MODIFICATION FACTOR $R = 2.5$
 - ANALYSIS PROCEDURE USED IMPERIAL
- SNOW DRIFT LOAD 77.625 PCF

FOOTING AND FOUNDATION NOTES

- A GEOTECHNICAL ENGINEERING REPORT CONTAINING RECOMMENDATIONS FOR DESIGN OF THE FOUNDATIONS AND FLOOR SLABS WAS PREPARED FOR THIS PROJECT (VERIFY). THE FOUNDATION CONTRACTOR SHOULD UNDERSTAND THE SOIL CONDITIONS AND OTHER SPECIAL REQUIREMENTS WHICH WILL BE REQUIRED DURING THE CONSTRUCTION OF THESE FOUNDATIONS.
- FOOTINGS HAVE BEEN DESIGNED ON THE BASIS OF THE NET ALLOWABLE BEARING PRESSURE NOTED ABOVE. THIS ALLOWABLE PRESSURE ASSUMES FOOTINGS WILL BEAR ON FIRM, UNDISTURBED NATURAL SOIL OR ON CONTROLLED, COMPACTED FILL.
- FILL OR BACKFILL MATERIAL CAN CONSIST OF WELL-GRADED GRANULAR FILL APPROVED BY A SOILS ENGINEER. COHESIVE SOIL AND SILTY/CLAYEY GRANULAR MATERIAL MAY BE ACCEPTABLE ABOVE SUBGRADES THAT HAVE BEEN STABILIZED WITH GRANULAR MATERIALS. FILL MUST BE FREE OF UNSUITABLE SOIL, FROZEN MATERIAL, RUBBLE, ORGANICS, DEGRADABLE MATERIAL, CHEMICAL CONTAMINANTS AND STONES THAT WOULD INTERFERE WITH COMPACTION OR COMPACTION TESTING. COMPACT FILL TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D696.
- OWNER SHALL RETAIN THE SERVICES OF A COMPETENT GEOTECHNICAL ENGINEERING FIRM FOR TESTING AND OBSERVATION DURING EXCAVATION, BACKFILL AND FOUNDATION CONSTRUCTION PHASES OF THIS PROJECT TO HELP DETERMINE THAT DESIGN REQUIREMENTS ARE FULFILLED.

CONCRETE NOTES

- CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, LATEST EDITION. SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, EXCEPT AS MODIFIED BY SUPPLEMENTAL REQUIREMENTS CONTAINED IN THE FOLLOWING NOTES.
- UNLESS OTHERWISE DETAILED OR NOTED, REINFORCING SHALL BE IN ACCORDANCE WITH "THE ACI DETAILING MANUAL, SP-66."
- ELEVATIONS GIVEN THUS (-3'-0") ARE TO THE TOP OF FOOTINGS, SLABS, ETC. WITH REFERENCE TO THE FINISHED GROUND FLOOR ELEVATION, (0'-0") (VERIFY)
- SUBMIT SHOP DRAWINGS FOR FABRICATION AND PLACEMENT OF CONCRETE REINFORCING. SHOW PLAN VIEW OF FOOTINGS AND ELEVATION VIEW OF ALL WALLS, INCLUDE SCHEDULES AND DIAGRAMS OF BENT BARS AND SHOW ARRANGEMENT OF CONCRETE REINFORCING. ENGINEER'S REVIEW OF SHOP DRAWINGS WILL BE FOR COMPLIANCE WITH DESIGN REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING DIMENSIONS AND QUANTITIES RELATIVE TO REINFORCING STEEL.
- ALL CONCRETE TESTING SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF A QUALIFIED ENGINEER WHO IS LICENSED TO PRACTICE IN THE STATE OF IOWA. THE TESTING AGENCY SHALL MEET REQUIREMENTS CONTAINED IN ASTM E329.
- PREPARE DESIGN MIXES FOR EACH TYPE AND STRENGTH OF CONCRETE BY EITHER LABORATORY TRIAL BATCH OR FIELD EXPERIENCE METHODS AS SPECIFIED IN ACI 301.
 - TRIAL BATCH METHOD: IF TRIAL BATCHES ARE USED, AN INDEPENDENT TESTING LABORATORY, APPROVED BY THE ARCHITECT, SHALL PREPARE MIX DESIGNS. THE MIX DESIGN SHALL BE PROPORTIONED TO ACHIEVE AN AVERAGE STRENGTH OF 1200 PSI HIGHER THAN THE SPECIFIED STRENGTH (FC).
 - FIELD EXPERIENCE METHOD: IF THE FIELD EXPERIENCE METHOD IS SELECTED, THE PROPOSED MIX DESIGN MUST BE ACCOMPANIED BY THE COMPLETE STANDARD DEVIATION ANALYSIS.
 - COMPRESSIVE STRENGTH: STRENGTH REQUIREMENTS AT 28 DAYS AND THE LOCATIONS OF EACH TYPE OF CONCRETE REQUIRED FOR THIS PROJECT SHALL BE AS NOTED IN DESIGN DATA.
 - SLUMP SHALL BE 4" MAXIMUM, 2" MINIMUM FOR WALLS AND FOOTINGS AND 5" MAXIMUM, 3" MINIMUM FOR SLABS-ON-GRADE.
 - LIMIT THE USE OF FLY ASH TO 15% OF THE CEMENT CONTENT. (PERCENTAGE COULD BE INCREASED TO 20% FOR TYPE C) (FLY ASH LOWERS THE HEAT OF HYDRATION SO USE CAUTION IN WINTER MONTHS)
 - CONTRACTOR SHALL EXERCISE CARE IN SELECTION OF MIX DESIGN AND CURING METHODS TO MINIMIZE THE DIFFERENTIAL MOISTURE LOSSES THAT MAY RESULT IN CURLING OF CONCRETE SLABS PLACED OVER POLYETHYLENE.
- USE AIR-ENTRAINING ADMIXTURE IN EXTERIOR, EXPOSED CONCRETE. COMPLY WITH THE MANUFACTURER'S RECOMMENDATIONS AND TABLE 4.2.2.4 OF ACI 301.
- READY-MIX CONCRETE SHALL BE IN COMPLIANCE WITH REQUIREMENTS OF ASTM C94, AND AS HEREIN SPECIFIED.
- CONCRETE FORMS SHALL BE TIGHT AND PROVIDE A STRAIGHT, SMOOTH-FINISHED SURFACE.
- DESIGN, ERECT, SUPPORT, BRACE AND MAINTAIN FORMWORK TO SUPPORT VERTICAL AND LATERAL LOADS THAT WILL BE IMPOSED BY CONCRETE AND CONSTRUCTION ACTIVITIES. CONSTRUCT FORMWORK SO CONCRETE MEMBERS AND STRUCTURES ARE OF CORRECT SIZE, SHAPE, ALIGNMENT, ELEVATION AND POSITION.
- PROVIDE SUPPORTS FOR REINFORCING INCLUDING BOLSTERS, CHAIRS, SPACERS AND OTHER DEVICES FOR SPACING, SUPPORTING AND FASTENING REINFORCING BARS AND WELDED WIRE FABRIC IN PLACE. USE WIRE BAR TYPE SUPPORTS COMPLYING WITH CONCRETE REINFORCING STEEL INSTITUTE (CRSI) RECOMMENDATIONS, UNLESS OTHERWISE APPROVED.
- AT THE INTERSECTION OF CONCRETE FOOTINGS AND WALLS, PROVIDE CORNER BARS THE SAME SIZE AND SPACING AS (HORIZONTAL) (CONTINUOUS) REINFORCING, AND LAB 2'-0" OR 24 DIAMETERS (MINIMUM) WITH MAIN STEEL.
- THE FOLLOWING LAP-SPLICING SHALL BE MAINTAINED INCLUDING DOWEL EXTENSION AND EMBEDMENT, UNLESS NOTED OTHERWISE:

REINFORCING BARS:	#6 AND SMALLER:	48 BAR DIAMETERS
HORIZONTAL BARS.....	HORIZONTAL BARS.....	40 BAR DIAMETERS
VERTICAL BARS.....	#7 AND LARGER:	64 BAR DIAMETERS
VERTICAL BARS.....	VERTICAL BARS.....	48 BAR DIAMETERS

WELDED WIRE FABRIC: 8-INCHES
- TRANSVERSE REINFORCING, WHERE SHOWN IN FOOTINGS, SHALL BE PLACED UNDER ALL LONGITUDINAL REINFORCING.
- CONCRETE PIERS IN CONCRETE FOUNDATIONS SHALL BE BUILT MONOLITHICALLY WITH THE FOUNDATION.
- VERIFY SIZE AND LOCATION OF HOLES OR SLEEVES THROUGH THE CONCRETE FOUNDATION WALLS AND SLABS WITH MECHANICAL CONTRACTOR. PROVIDE TWO NO. 5 BARS EACH SIDE OF FOUNDATION WALL OPENINGS, 4'-0" LONGER THAN OPENING.
- COLD WEATHER PLACING: PROTECT CONCRETE WORK FROM PHYSICAL DAMAGE OR REDUCED STRENGTH, WHICH COULD BE CAUSED BY FROST, FREEZING ACTIONS OR LOW TEMPERATURES, IN COMPLIANCE WITH ACI 306. DO NOT USE CALCIUM CHLORIDE, SALT AND OTHER MATERIALS CONTAINING ANTIFREEZE AGENTS.
- HOT WEATHER PLACING: WHEN HOT WEATHER CONDITIONS THAT WOULD SERIOUSLY IMPAIR QUALITY AND STRENGTH OF CONCRETE, PLACE CONCRETE IN COMPLIANCE WITH ACI 305.
- PROVIDE CONCRETE SLAB FINISHES THAT CONFORM TO THE ARCHITECTURAL REQUIREMENTS OF THE PROJECT. FOLLOW PROCEDURE CONTAINED IN PARAGRAPH 5.3.4 OF ACI 301.
- MAINTAIN THE MINIMUM CONCRETE COVERAGE FOR REINFORCING AS INDICATED, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

CONCRETE DEPOSITED DIRECTLY AGAINST EARTH.....	3 INCHES
CONCRETE EXPOSED TO EARTH OR WEATHER:	
#6 AND LARGER.....	2 INCHES
#5 AND SMALLER.....	1 1/2 INCHES
CONCRETE NOT EXPOSED TO EARTH OR WEATHER:	
SLABS AND WALLS.....	1 INCH
COLUMN/PIER TIES.....	1 1/2 INCHES

PLACE THE REINFORCING BARS AS NEAR TO THE SURFACE AS THESE MINIMUMS PERMIT, UNLESS SPECIFICALLY NOTED OTHERWISE.

STRUCTURAL STEEL NOTES

- STRUCTURAL STEEL WORK SHALL CONFORM TO REQUIREMENTS CONTAINED IN "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS - ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN" INCLUDING COMMENTARY AND SUPPLEMENTS, BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
- ALL WELDING PROCEDURES, WELDING EQUIPMENT AND WELDER QUALIFICATIONS SHALL BE IN COMPLIANCE WITH CURRENT AMERICAN WELDING SOCIETY (AWS) CODES. PROVIDE CERTIFICATION THAT WELDERS TO BE EMPLOYED IN THE WORK HAVE SATISFACTORILY PASSED AWS QUALIFICATION TESTS.
- INSTALL HIGH-STRENGTH THREADED FASTENERS IN ACCORDANCE WITH CURRENT AISC "SPECIFICATIONS FOR THE STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS." THIS SPECIFICATION SHALL CONTROL MATERIAL SELECTION, INSTALLATION AND INSPECTION WITH RESPECT TO THE BOLTED CONNECTIONS. CONNECTIONS SHALL BE BEARING-TYPE, SNUG TIGHT.
- ELEVATIONS AND VERTICAL DIMENSIONS ARE WITH RESPECT TO THE FINISHED GROUND FLOOR ELEVATIONS, (0'-0") (VERIFY).
- SUBMIT SHOP DRAWINGS INDICATING LAYOUT, ARRANGEMENTS AND DIMENSIONS OF ALL MEMBERS AND DETAILS OF ALL CONNECTIONS. NOTE GRADE FOR EACH TYPE OF STEEL AND BOLT THAT IS DETAILED. ENGINEER'S REVIEW OF THE SHOP DRAWINGS WILL BE FOR CONFORMANCE WITH DESIGN REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND QUANTITIES SHOWN ON SHOP DRAWINGS.
- PRIOR TO ERECTING STEEL, EXAMINE THE EXISTING WORK OF OTHER CONTRACTORS ON WHICH THIS WORK IS IN ANY WAY DEPENDENT AND REPORT ANY ERRORS OR DISCREPANCIES, WHICH WILL AFFECT THIS WORK, TO THE GENERAL CONTRACTOR.
- STRUCTURAL STEEL CONNECTIONS NOT OTHERWISE DETAILED OR NOTED SHALL BE FABRICATED AND ERECTED AS STANDARD CONNECTIONS IN ACCORDANCE WITH THOSE SHOWN IN THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTIONS AND STRUCTURAL STEEL DETAILING MANUAL.
- STEEL CONNECTION DETAILS CONTAINED ON THE STRUCTURAL DRAWINGS ARE INTENDED TO PROVIDE TYPICAL EXAMPLES OF THE VARIOUS CONDITIONS THAT EXIST ON THIS PROJECT. THESE DETAILS ARE TO SERVE AS EXAMPLES FOR CONDITIONS THAT ARE NOT OTHERWISE SPECIFICALLY DESCRIBED, BUT HAVE MEMBER SIZES AND ARRANGEMENTS THAT ARE SIMILAR TO THOSE DETAILED.
- FABRICATE ALL MEMBERS TO ACCOMMODATE CONNECTIONS DETAILED ON THE DRAWINGS OR APPROVED SHOP DRAWINGS.
- FABRICATION TOLERANCES SHALL BE IN CONFORMANCE WITH THOSE CONTAINED IN THE AISC MANUAL OF STEEL CONSTRUCTION.
- FABRICATOR SHALL PROPERLY MARK AND MATCH-MARK MATERIALS FOR FIELD ASSEMBLY, AND FOR IDENTIFICATIONS AS TO PROJECT AND SITE.
- CLEAN STEEL SURFACES IN COMPLIANCE WITH STEEL STRUCTURES PAINTING COUNCIL (SSPC) SP-2 "HAND TOOL CLEANING", SP-3 "POWER TOOL CLEANING" OR SP-7 "BRUSH-OFF BLAST CLEANING". REMOVE OIL, GREASE AND SIMILAR CONTAMINANTS COMPLYING WITH SSPC, SP-1 "SOLVENT CLEANING".
- PROVIDE ONE COAT OF FABRICATOR'S STANDARD PRIME PAINT EXCEPT AT SURFACES THAT ARE TO BE WELDED.
- ERECTION INCLUDES THE INSTALLATION OF ALL ITEMS COVERED BY THIS SECTION INCLUDING ALL REQUIRED CONNECTIONS AND FASTENINGS.
- MAINTAIN WORK IN A SAFE AND STABLE CONDITION DURING ERECTION. PROVIDE TEMPORARY SHORING AND GUIDE LINES TO ACHIEVE PROPER ALIGNMENT OF THE STRUCTURE AND TO RESIST WIND LOADS AND CONSTRUCTION LOADS DURING ERECTION. REMOVE ONLY AFTER SAFETY AND STABILITY HAVE BEEN ACHIEVED IN ERECTION OF STRUCTURAL STEEL COMPONENTS.
- SECURELY FASTEN OR ANCHOR STEEL MEMBERS, AS REQUIRED, TO RESIST/SUPPORT ALL DEAD LOADS, WIND LOADS, AND ERECTION STRESSES.
- SET COLUMN BASE PLATES AT THE CORRECT ELEVATION. USING STEEL SHIMS OR SETTING NUTS AT TOP AND BOTTOM OF BASE PLATES. MAXIMUM ALLOWABLE TOLERANCES FROM STATED ELEVATION IS 1/8 INCH.
- PACK GROUT SOLIDLY BETWEEN BEARING SURFACES AND BOTTOMS OF STRUCTURAL STEEL COLUMNS TO INSURE THAT NO VOIDS REMAIN.
- AFTER GROUT UNDER BASE PLATES HAS ACHIEVED FULL STRENGTH, TIGHTEN BOLTS TO FULL CAPACITY.
- UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS, FIELD CONNECTIONS MAY BE BOLTED OR WELDED, BUT BOLTED CONNECTIONS ARE PREFERRED TO GREATEST EXTENT POSSIBLE.
- INSTALL ADHESIVE ANCHORS IN STRICT CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- DO NOT USE GAS-CUTTING TORCHES IN THE FIELD FOR CORRECTION OF FABRICATION ERRORS IN THE STRUCTURAL FRAMING.
- DO NOT ENLARGE UNFAIR HOLES IN MEMBERS BY BURNING OR BY USE OF DRIFT PINS. REAM HOLES THAT MUST BE ENLARGED TO ACCOMMODATE BOLTS.
- ALL NEW STRUCTURAL STEEL SHALL BE ERECTED STRAIGHT, LEVEL AND PLUMB. VARIATION FROM A STRAIGHT OR LEVEL LINE SHALL NOT EXCEED L/500 AND VARIATION FROM PLUMB SHALL NOT EXCEED 1/750.
- AFTER ERECTION IS COMPLETE, CLEAN AND FIELD PRIME WELDS, NUTS, BOLTS, WASHERS AND TOUCH-UP ABRASIONS OR DAMAGES TO SHOP APPLIED PRIME PAINT. USE SAME PAINT AS CALLED FOR IN NOTE 13.
- ALL DEFECTS OR WORK NOT PERFORMED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

STRUCTURAL WOOD FRAMING NOTES

- PERFORM STRUCTURAL WOOD FRAMING AS SHOWN ON THESE DRAWINGS AND AS REQUIRED FOR A COMPLETE INSTALLATION.
- ALL STRUCTURAL WOOD FRAMING SHALL BE PERFORMED IN ACCORDANCE WITH ACCEPTED STANDARDS OF PRACTICE FOR COMMERCIAL CONSTRUCTION IN THIS AREA.
- ALL STRUCTURAL WOOD-FRAMING MEMBERS SHALL BE PROPERLY ANCHORED AND SUPPORTED. USE JOIST HANGERS, SHEET METAL CLIPS AND OTHER ACCEPTABLE MEANS OF ACHIEVING POSITIVE CONNECTIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR NON-STRUCTURAL WOOD FRAMING AND CARPENTRY REQUIREMENTS.
- DO NOT DRILL HOLES, SAW OR OTHERWISE ALTER STRUCTURAL WOOD COMPONENTS WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER.
- ALL SHEATHING, WALLS AND ROOF, SHALL BE APPLIED SUCH THAT IT IS CONTINUOUS OVER A MINIMUM OF TWO (2) SPANS WITH THE GRAIN OF FACE PLYS RUNNING ACROSS SUPPORTS.
- WOOD STUD BEARING WALLS SHALL BE ANCHORED TO FOUNDATIONS WITH 1/2" DIA. BOLTS SPACED A MAXIMUM OF 3'-4" ON CENTER. PROVIDE A MINIMUM OF TWO BOLTS IN EACH SECTION OF WALL. LOCATE BOLTS WITHIN 12" OF EACH END OF EACH SECTION OF WALL. ANCHOR BOLTS SHALL PROJECT A SUFFICIENT LENGTH TO PASS THROUGH THE PLATE(S) AND ALLOW ROOM FOR A WASHER AND NUT.
- PROVIDE 2" DIA. FLAT WASHERS ON TOP OF THE PLATE(S) AT EACH ANCHOR BOLT.
- SILL PLATES AT ALL STUD-BEARING WALLS SHALL BE TREATED WOOD.
 - HOLLOW CONCRETE MASONRY UNITS SHALL COMPLY WITH ASTM C90; MINIMUM $f_m = 1800$ psi
 - DEFORMED REINFORCING BARS SHALL BE ASTM A615, GRADE 60.
 - ALL CONCRETE MASONRY WORK SHALL CONFORM TO RECOMMENDATIONS OF THE NATIONAL CONCRETE MASONRY ASSOCIATION. MATERIALS AND CONSTRUCTION SHALL COMPLY WITH I.B.C. CHAPTERS 14 AND 21 (2015 EDITION)
 - MAINTAIN MATERIALS AND SURROUNDING AIR TEMPERATURE TO A MINIMUM 50 DEGREES F. (10 DEGREES C.) PRIOR TO, DURING AND 48 HOURS AFTER COMPLETION OF MASONRY WORK.
 - PROVIDE CONTINUOUS HORIZONTAL JOINT REINFORCING AT 16" ON CENTER MAXIMUM IN ALL MASONRY WALLS.
 - PROPORTION MORTAR (TYPES M AND S) IN CONFORMANCE WITH ASTM A270.
 - PROPORTION GROUT IN CONFORMANCE WITH ASTM C476. MINIMUM $f_c = 2000$ psi.
 - PROVIDE VERTICAL CONTROL JOINTS IN CONCRETE MASONRY WALLS WHERE SHOWN ON THE DRAWINGS OR AS REQUIRED SO THAT THE SPACING DOES NOT EXCEED 30 FEET. REINFORCE CONTROL JOINTS WITH TWO NO. 2 PLAIN BARS, 3' LONG. PLACE REINFORCING AT 16" ON CENTER (VERTICALLY), CENTERED ON THE JOINT. ONE-HALF OF EACH BAR SHALL BE GREASED.
 - REINFORCE CONCRETE MASONRY WALLS AS SHOWN ON THE DRAWINGS. REINFORCING SHALL CENTER IN WALLS UNLESS OTHERWISE SHOWN. USE LOW-LIFT GROUTING TECHNIQUE. PLACE GROUT BY PUMPING OR OTHER APPROVED METHOD.
 - LAY-UP CONCRETE MASONRY WALLS TO MAINTAIN VERTICAL CONTINUITY OF CORES THAT ARE TO BE REINFORCED OR GROUTED. KEEP CAVITIES FREE OF MORTAR. SOLIDLY BED WEBS OF CONCRETE MASONRY UNITS IN MORTAR WHERE ADJACENT TO REINFORCED CORES OR CELLS.
 - PROVIDE CONTINUOUS BOND BEAMS AT REQUIRED LOCATIONS. REINFORCE AS SHOWN ON THE DRAWINGS.
 - STEEL LINTELS:
 - PROVIDED STRUCTURAL STEEL LINTELS OVER ALL OPENINGS IN MASONRY WALLS. SEE ARCHITECTURAL DRAWINGS FOR LOCATION, WIDTH AND HEIGHT OF OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
 - MINIMUM LINTELS FOR EACH 4" OF MASONRY THICKNESS SHALL BE:
 - MASONRY OPENING UP TO 2'-0" WIDE = 5/16" PLATE
 - MASONRY OPENING 2'-0" TO 4'-0" WIDE = 1 L 3-1/2"x 3-1/2"x 5/16"
 - MASONRY OPENING 4'-0" TP 6'-0" WIDE = 1 L 4"x 3-1/2"x 5/16"
 - MASONRY OPENING 6'-0" TO 8'-0" WIDE = 1 L 5"x 3-1/2"x 5/16"
 - MASONRY OPENING 8'-0" TO 10'-0" WIDE = 1 L 6"x 3-1/2"x 5/16"
 - ALL LINTEL ANGLES THAT ARE BACK-TO-BACK SHALL BE WELDED TOP AND BOTTOM
 - UNLESS OTHERWISE DETAILED OR SPECIFIED, ALL LINTELS SHALL HAVE A MINIMUM BEARING OF 8" EACH END.
- PROVIDE NECESSARY SHORING AND BRACING TO MAINTAIN WALL SHAPE, LINE AND DIMENSIONS IN CONFORMANCE WITH DRAWINGS, AGAINST WIND AND CONSTRUCTION LOADS.
- PROTECT FINISHED INSTALLATION FROM DAMAGE BY CONSTRUCTION ACTIVITIES. COVER UNFINISHED WALLS TO PREVENT MOISTURE INFILTRATION FROM RAIN OR SNOW.
- PROVIDE THROUGH-WALL FLASHING AND OR WEEPS AS SHOWN OR AS REQUIRED.

STRUCTURAL ABBREVIATIONS

APPROX. ARCH.	APPROXIMATE, APPROXIMATELY
BLDG.	ARCHITECT, -URAL, -URE
BRG.	BASE PLATE
C/C	BUILDING
C/L	BEARING
CMU	CENTER TO CENTER
CNC	CONTROL JOINT
CONC.	CLEAR - ANCE
CONST.	CONCRETE MASONRY UNIT
CONV.	CONCRETE CONSTRUCTION CONVEYOR
DBL	DEPTH
DEG	DOUBLE
DEMO	DEGREE
DIM.	DEMOLITION
DL	DIMENSION
DWG.	DEAD LOAD
EA	EDGE OF SLAB
EF	EACH FACE
EMBED.	ELEVATION
E.O.D.	EMBEDDED
E.O.S.	EDGE OF DECK
EQ.	EQUAL
EXIST.	EXISTING
EXT.	EXTERIOR
FC	EXTERIOR COMPRESSIVE STRENGTH
FND.	FOUNDATION
FIN.	FINISH
FLR.	FLOOR
FR.	FRAMING
FT.	FOOT
FTG.	FOOTING
GA.	GALVE
GALV.	GALVANIZED
GB.	GRADE BEAM
GC.	GENERAL CONTRACTOR
GYP.	GYP. G.B.
HORIZ.	HORIZONTAL
HWS.	HEAD WELDED STUD
IN.	INCH
JST.	JOIST
LB.	POUND
LL.	LIVE LOAD
LLH.	LONG LEG HORIZONTAL
LLV.	LONG LEG VERTICAL
LONG.	LONGITUDINAL
MAX.	MAXIMUM
MEZZ.	MEZZANINE
MIN.	MINIMUM
MISC.	MISCELLANEOUS
NIC.	NOT IN CONTRACT
NO.	NUMBER
NTS.	NOT TO SCALE
O.C.	ON CENTER
OPNG.	OPENING
OPP.	OPPOSITE
P.C.	PRECAST
P.H.	PEN HOUSE
PL.	PLATE
PSF.	POUNDS PER SQUARE FOOT
PSI.	POUNDS PER SQUARE INCH
R.	RADIUS
REIN.	REINFORCING, -ED, -MENT
REQ'D.	REQUIRED
SIM.	SIMILAR
SP.	SPACE(S)
SPEC.	SPECIFICATION(S)
SPEC'D.	SPECIFIED
STD.	STANDARD
STIFF.	STIFFENER
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
VERT.	VERTICAL
W.W.F.	WELDED WIRE FABRIC
@	AT
#	DIAMETER
Ø	NUMBER

4510 42nd Avenue
Rock Island, IL 61201
Phone: 309.386.9920
Fax: 309.386.9924
jag-architects.com

© 2025 JosephArchitecturalGroup.PC
All rights reserved.
THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND MAY NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN CONSENT.

REVISIONS

1
2
3
4

Construction Documents for:
Exit Stair and Ramp
1829 2nd Avenue, Rock Island, Illinois

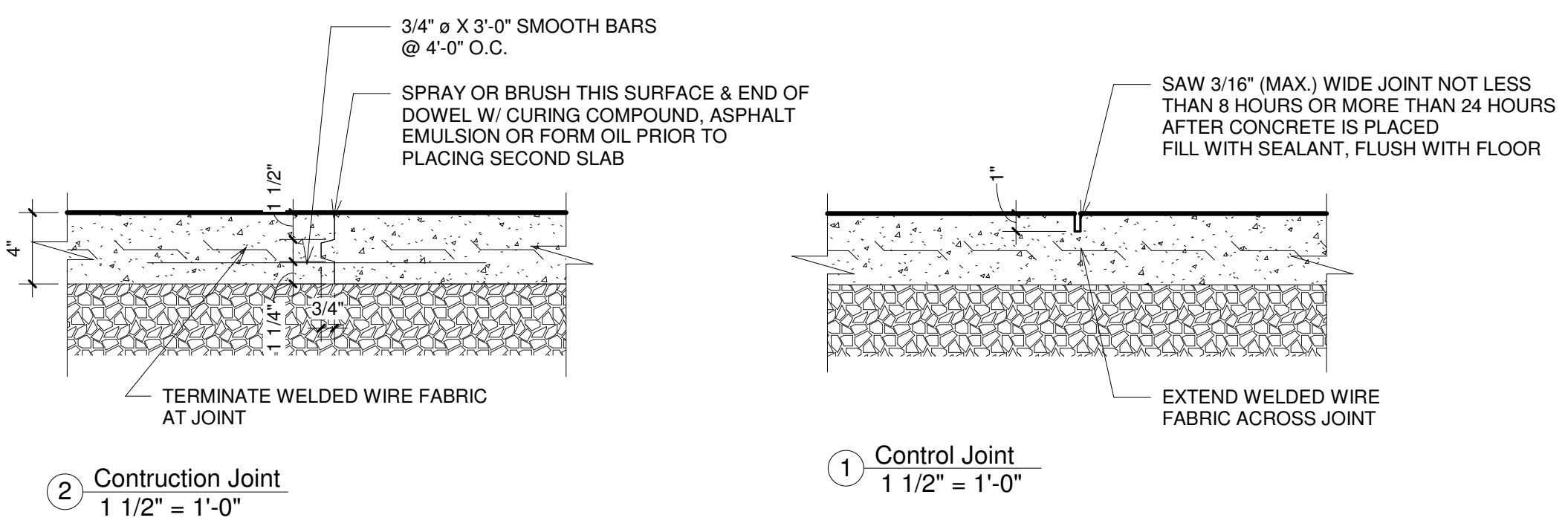
Structural Notes

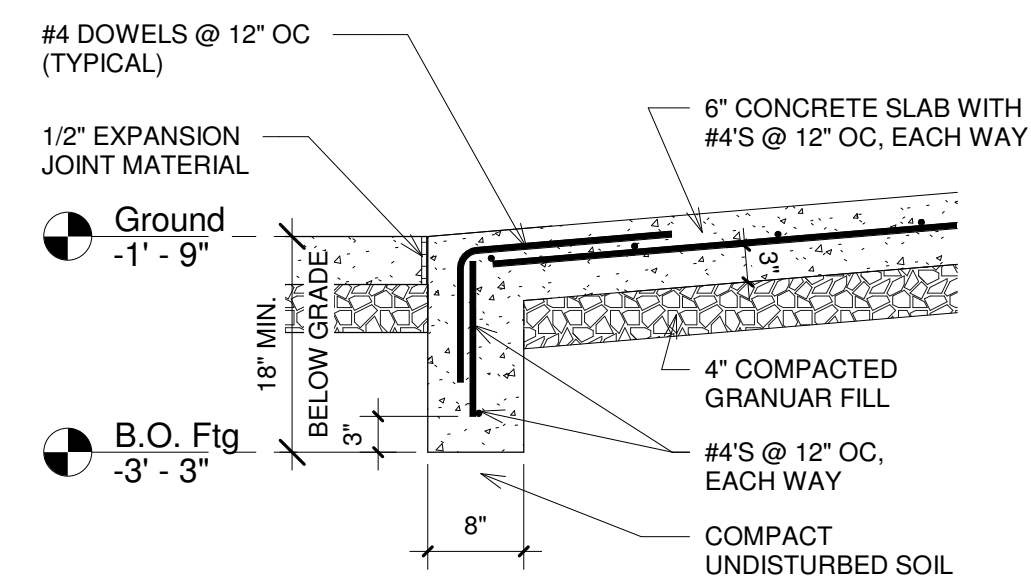
DATE
23 March Feb 26

S0

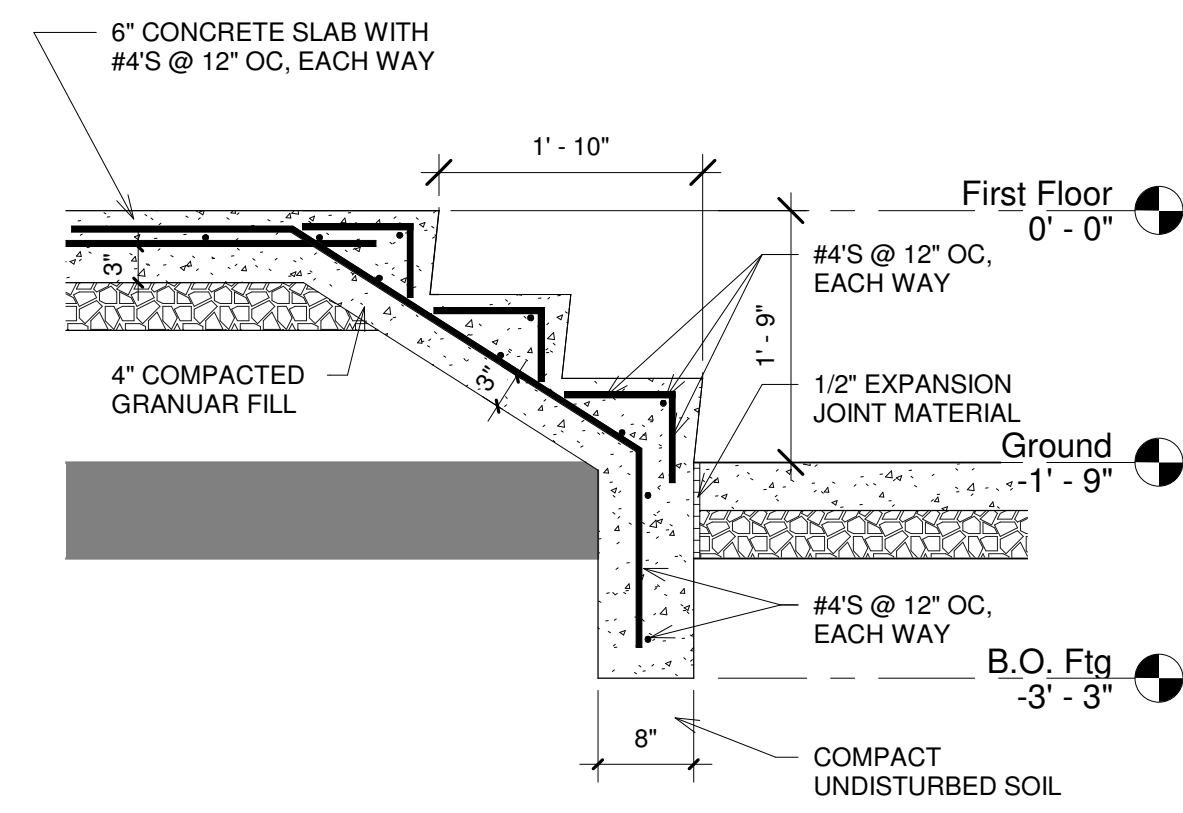
PROJECT NO.

#01526

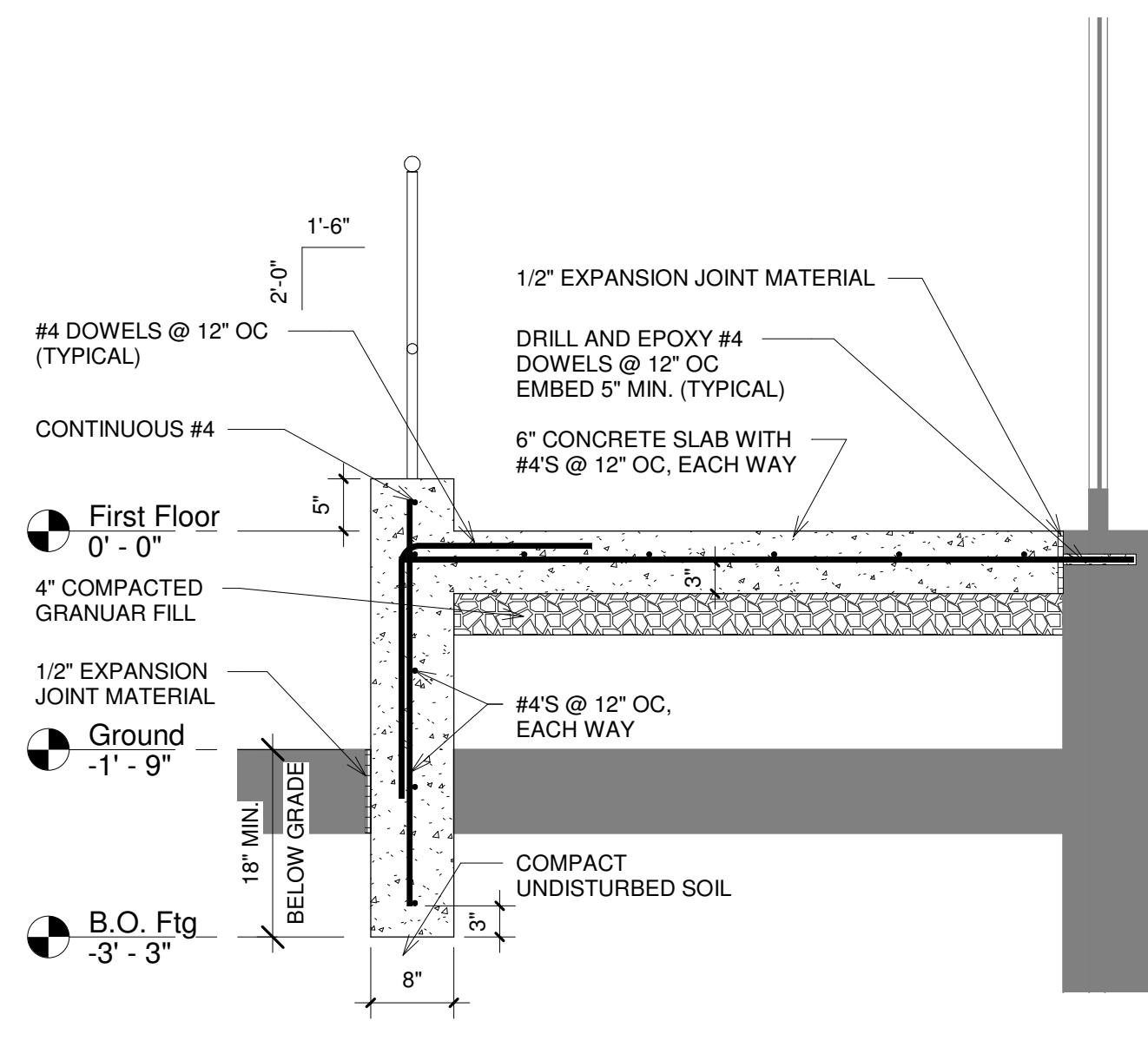




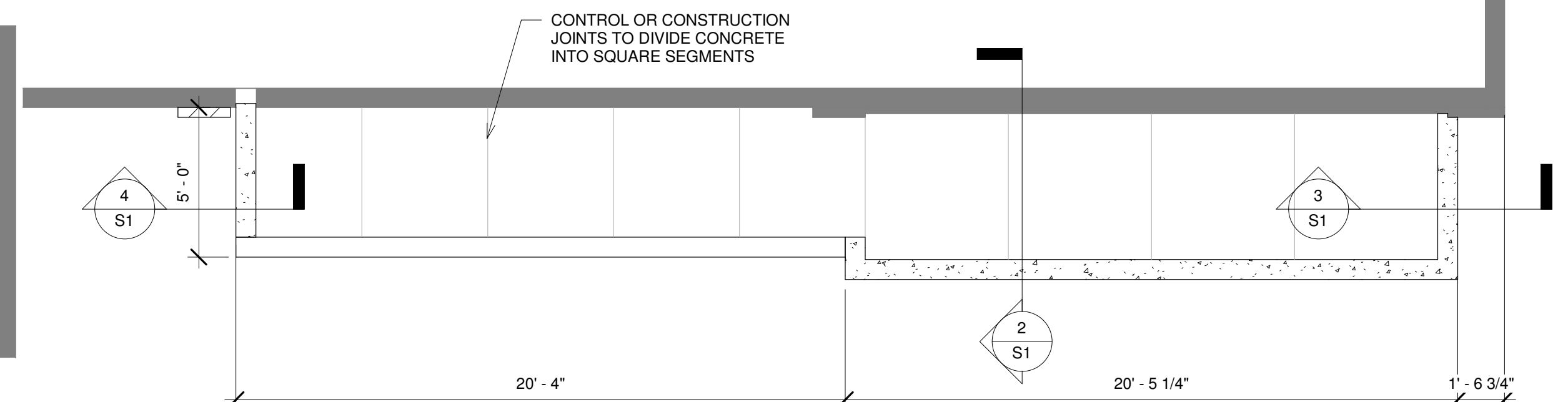
④ Foundation Section 3
3/4" = 1'-0"



③ Foundation Section 2
3/4" = 1'-0"



② Foundation Section 1
3/4" = 1'-0"



① Foundation Plan
1/4" = 1'-0"

Construction Documents for:
Exit Stair and Ramp
1829 2nd Avenue, Rock Island, Illinois

Foundation
Plan

DATE
23 March Feb 26

S1
PROJECT
NO.
#01526

REVISIONS

- △
- △
- △
- △

© 2026 JosephArchitecturalGroup.PC
All rights reserved.
THIS DOCUMENT IS AN INSTRUMENT OF
SERVICES PROVIDED BY JOSEPH ARCHITECTURAL
GROUP AND SHALL NOT BE
USED OR REPRODUCED WITHOUT PRIOR
WRITTEN CONSENT.

jag
JOSEPH ARCHITECTURAL GROUP, P.C.
4510 42nd Avenue
Rock Island, IL 61201
Phone: 309.386.9924
Fax: 309.386.9924
jag.architects.com