CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

DEVIN D GATES
SUBMITTED BY

055213-009
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

055213
SPECIFICATION SECTION / PARAGRAPH

MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

- ◉ Shop Drawings
- ◯ Samples (_____ copies)
- ◯ LEED Submittal
- ◯ Certification / Qualifications
- ◯ Record Documents
- ◯ Product Data
- ◯ Coordination Drawing
- ◯ Calculations
- ◯ Schedules
- ◯ O&M Manuals
- ◯ Other _____

ITEM BEING SUBMITTED FOR (check only one)

- ◉ Action
- ◯ Information Only
- ◯ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

DEVIN D GATES — REVIEWED BY
03/20/17 — DATE

To be completed by Reviewer

05 5213-009
CANNON DESIGN SUBMITTAL NUMBER

3/20/17
RECEIVED DATE

- ◯ A. No Exceptions Taken
  No further review of submittal is required.
- ◉ B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ◯ C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ◯ D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ◯ E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ◯ F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

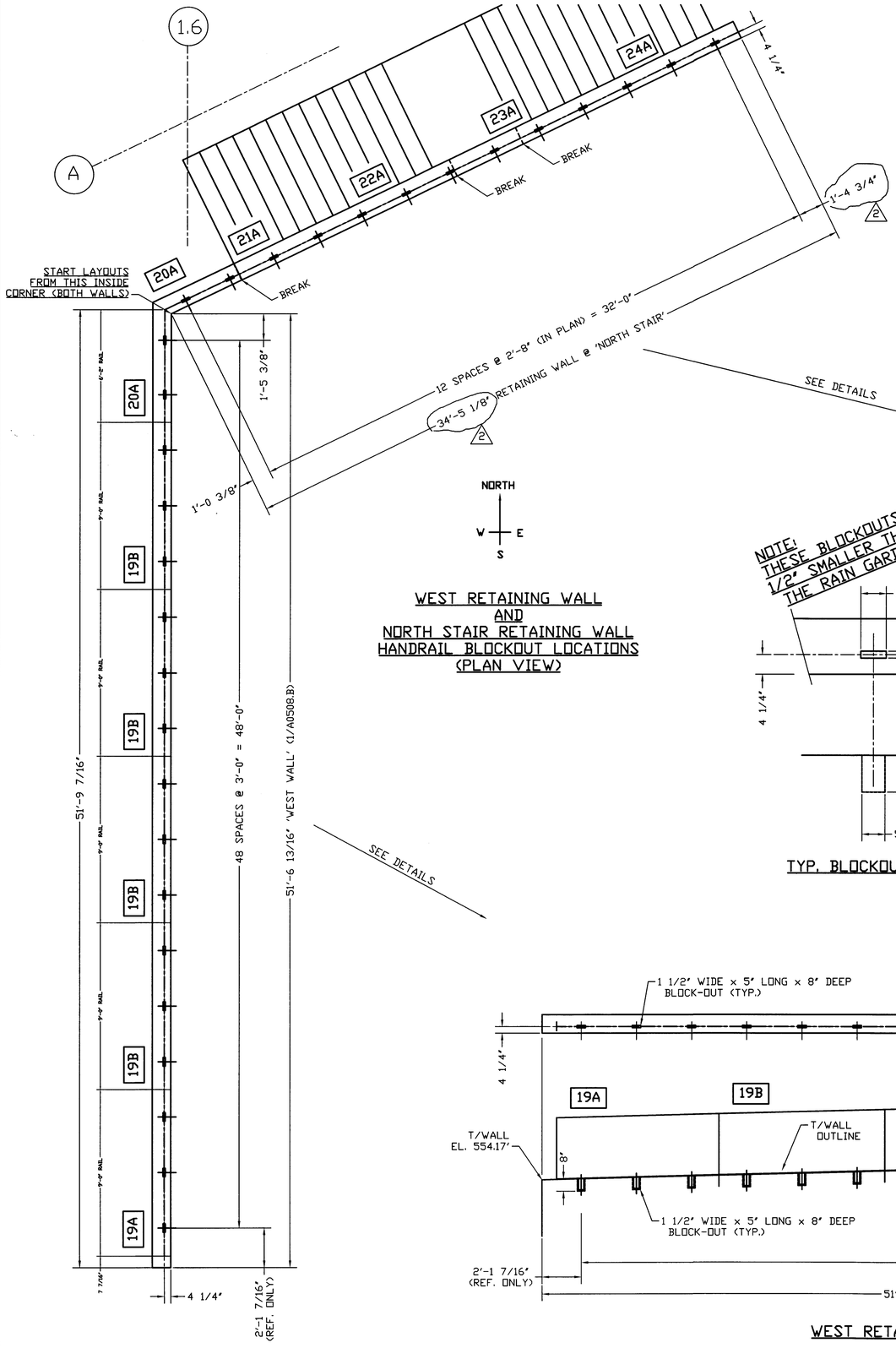
A/E COMMENTS

◯ See attached sheet(s) for additional comments

Kelvin Patel — REVIEWED BY

Digitally signed by Kelvin Patel
DN: C=US, E=kpatel@cannondesign.com, O=Cannon Design, OU=Architect, CN=Kelvin Patel
Date: 2017.04.03 16:20:40-05'00'

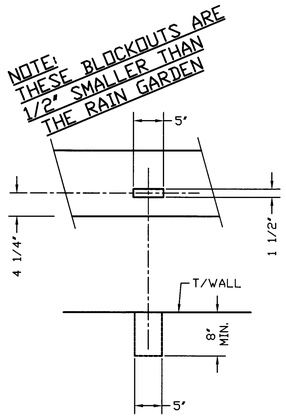
4/3/17 — DATE



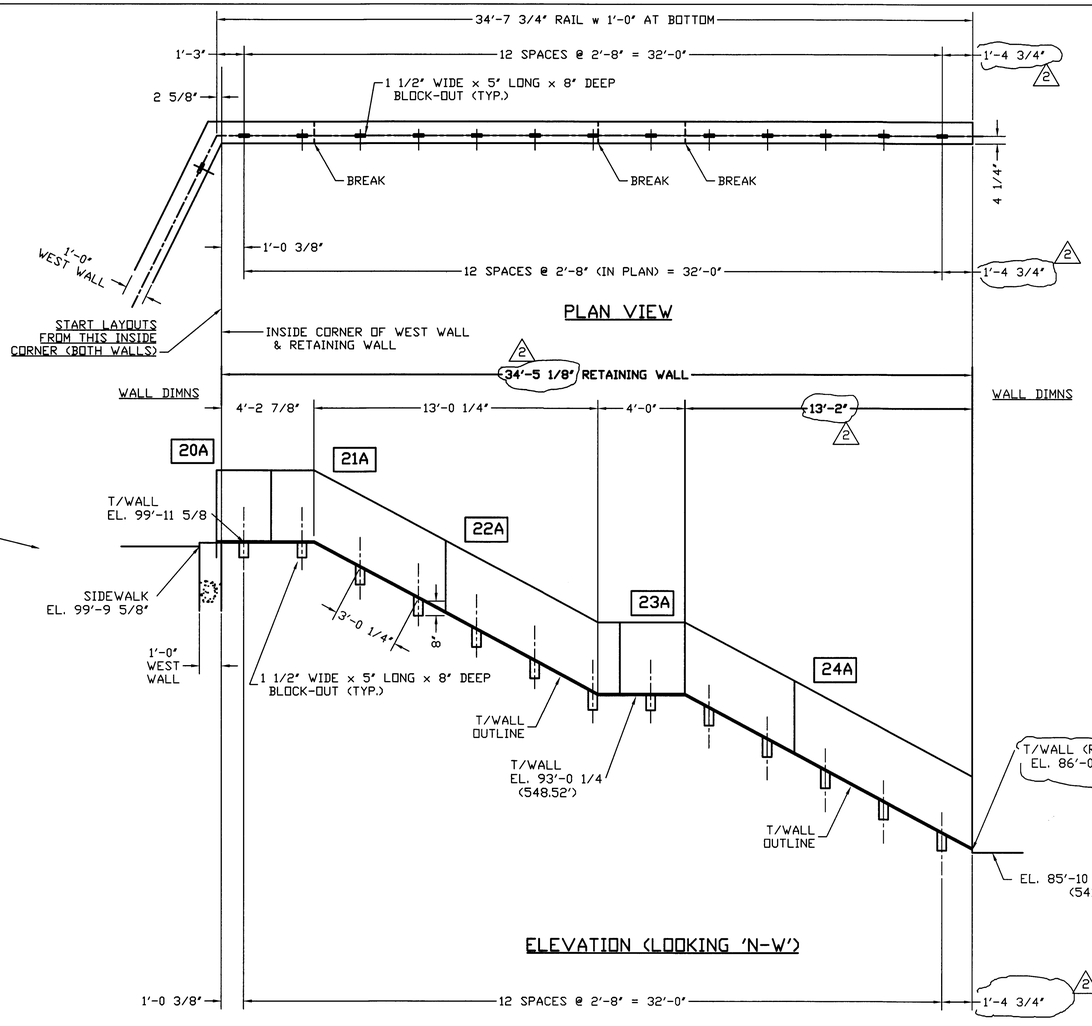
NORTH
W E
S

WEST RETAINING WALL AND NORTH STAIR RETAINING WALL HANDRAIL BLOCKOUT LOCATIONS (PLAN VIEW)

NOTE: THESE BLOCKOUTS ARE 1/2" SMALLER THAN THE RAIN GARDEN



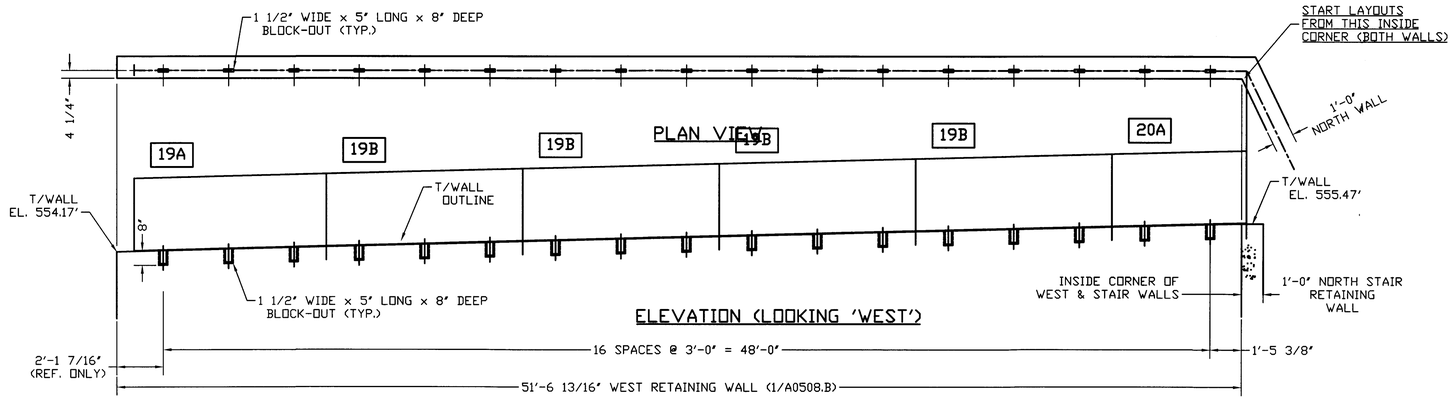
TYP. BLOCKOUT DETAIL



PLAN VIEW

ELEVATION (LOOKING 'N-W')

'NORTH STAIR RETAINING WALL HANDRAIL BLOCKOUT LOCATIONS



WEST RETAINING WALL HANDRAIL BLOCKOUT LOCATIONS

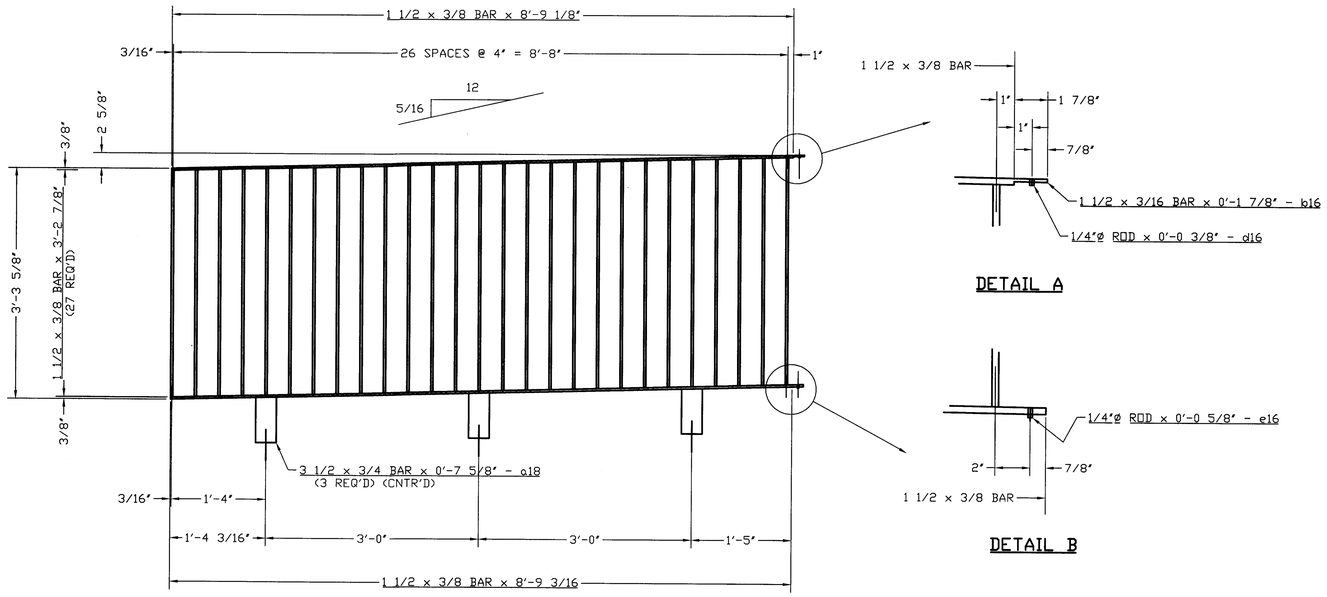
General Notes:
1. All railing lengths & slopes (as compared to the actual concrete wall lengths & slopes) are to be field verified.
2. The tops of all railings are to be a minimum of 3'-6" above adjacent sidewalks.

3	RAILS FOR APV'L 3/14/17
2	PER RFI #452 2-22-17
1	PER APV'L - FOR FIELD USE 2/15/17

ATLAS IRON WORKS
ST. LOUIS, MO.

Project: WESBTER ISB
Customer: PARIC
Owner: WEBSTER UNIV.
Location: WEBSTER GROVES, MO
Dwn: DC Date: 2/15/17 Ckd: DC Date: 2/15/17
Job No. A16013M BAT: DWG#: E5

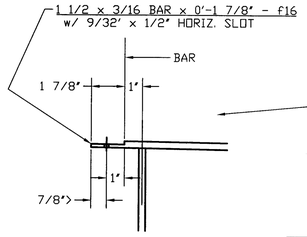
WEST WALL & NORTH STAIR WALL BLOCKOUT LOCATIONS



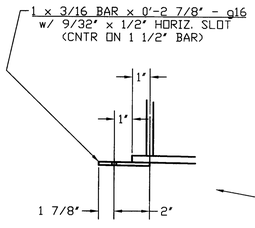
ONE - RAIL - 19A

DETAIL A

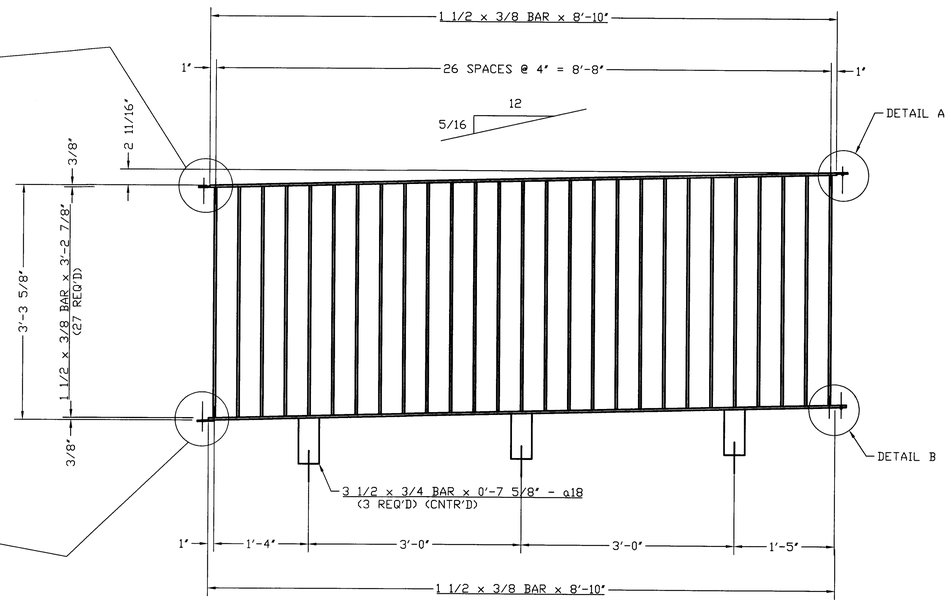
DETAIL B



DETAIL C



DETAIL D



4 - RAILS - 19B

WEST WALL RAILS

MATERIAL LIST

QTY	MARK	DESCRIPTION	LENGTH	NOTES
1	19A	RAIL	±9'-0"	
4	18B	RAIL	±9'-0"	

Should be 19B

Romac By: _____ Checked By: _____

Beamline By: _____ Checked By: _____

△

A FOR APPROVAL 3/14/17

Material: ASTM A-36 U.N.O. Edge Dist.: 1 1/4" U.N.O.

Holes: 13/16"ø UNO Bolts: NOTED

Cleaning: SSPC-SP7 (BRUSH BLAST)

Paint: EPOXY POWDER-COAT PRIMER (2-3 MILS)
POWDER-COAT FINISH (COLOR) COAT) (2-3 MILS)

ATLAS IRON WORKS
ST. LOUIS, MO.

Project: WEBSTER ISB

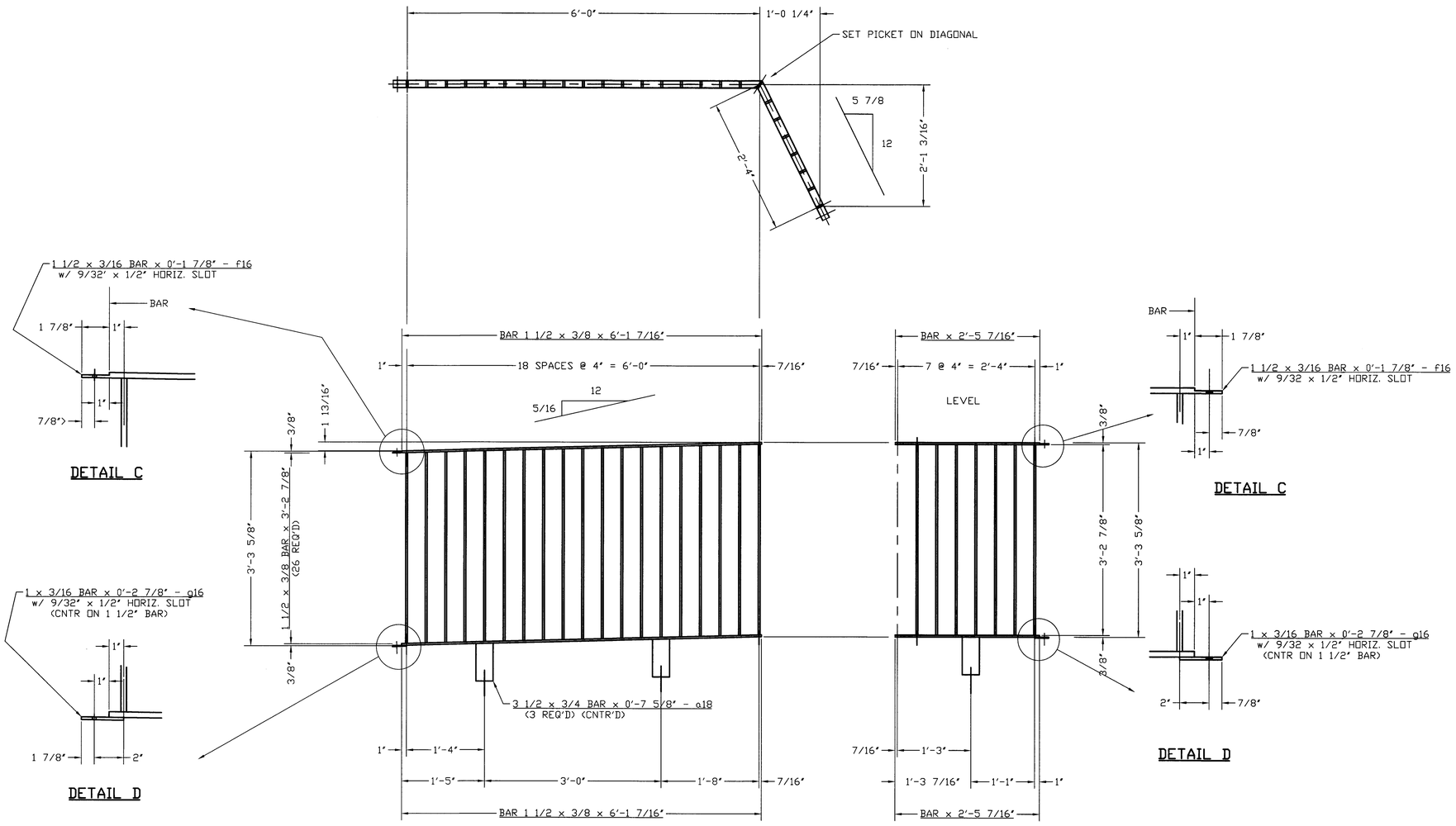
Customer: PARIC

Owner: WEBESTER UNIV.

Location: WEBSTER GROVES, MO

Dwn: DC Date: 3/8/17 Ckd: _____ Date: _____

Job No. A16033M BAT: _____ DWG#: 19



ONE - RAIL - 20A

WEST WALL RAILS

MATERIAL LIST

QTY	MARK	DESCRIPTION	LENGTH	NOTES
1	20A	RAIL	±9'-0"	

Romac By: _____ Checked By: _____

Beamline By: _____ Checked By: _____

△

A FOR APPROVAL 3/14/17

Material: ASTM A-36 U.N.O. Edge Dist.: 1 1/4" U.N.O.

Holes: 13/16"ø UNO Bolts: NOTED

Cleaning: SSPC-SP7 (BRUSH BLAST)

Paint: EPOXY POWDER-COAT PRIMER (2-3 MILS)
POWDER-COAT FINISH (COLOR) COAT) (2-3 MILS)

ATLAS IRON WORKS
ST. LOUIS, MO.

Project: WEBSTER ISB

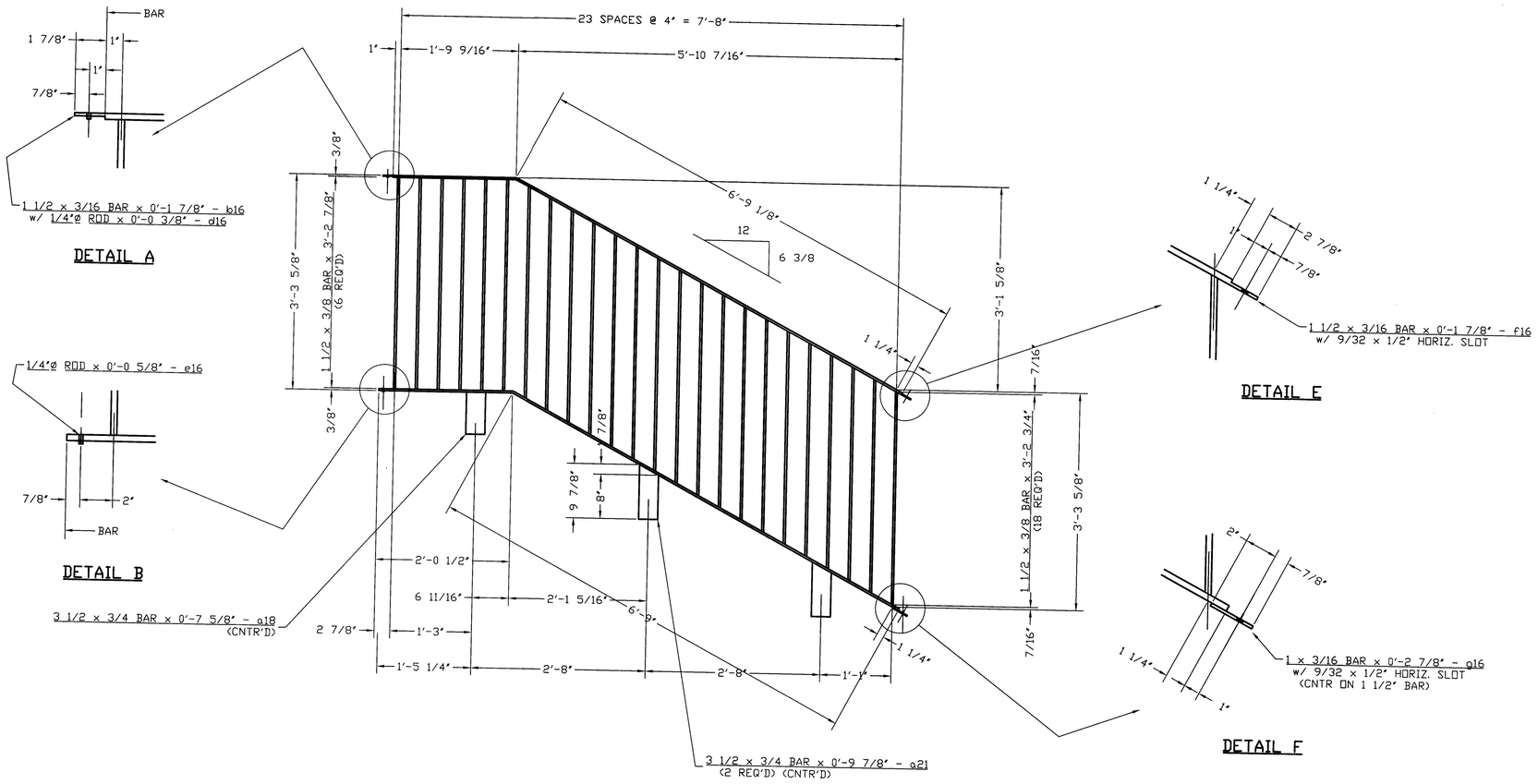
Customer: PARIC

Owner: WEBESTER UNIV.

Location: WEBSTER GROVES, MO

Dwn: DC Date: 3/8/17 Ckd: _____ Date: _____

Job No. A16033M BAT: _____ DWG#: 20



MATERIAL LIST

QTY	MARK	DESCRIPTION	LENGTH	NOTES
1	21A	RAIL	±8'-0"	

Romac By: _____ Checked By: _____

Beamline By: _____ Checked By: _____

△

A FOR APPROVAL 3/14/17

Material: ASTM A-36 U.N.O. Edge Dist.: 1 1/4" U.N.O.

Holes: 13/16"ø UNO Bolts: NOTED

Cleaning: SSPC-SP7 (BRUSH BLAST)

Paint: EPOXY POWDER-COAT PRIMER (2-3 MILS)
POWDER-COAT FINISH (COLOR) COAT) (2-3 MILS)

WEST WALL RAILS

ATLAS IRON WORKS
ST. LOUIS, MO.

Project: WEBSTER ISB

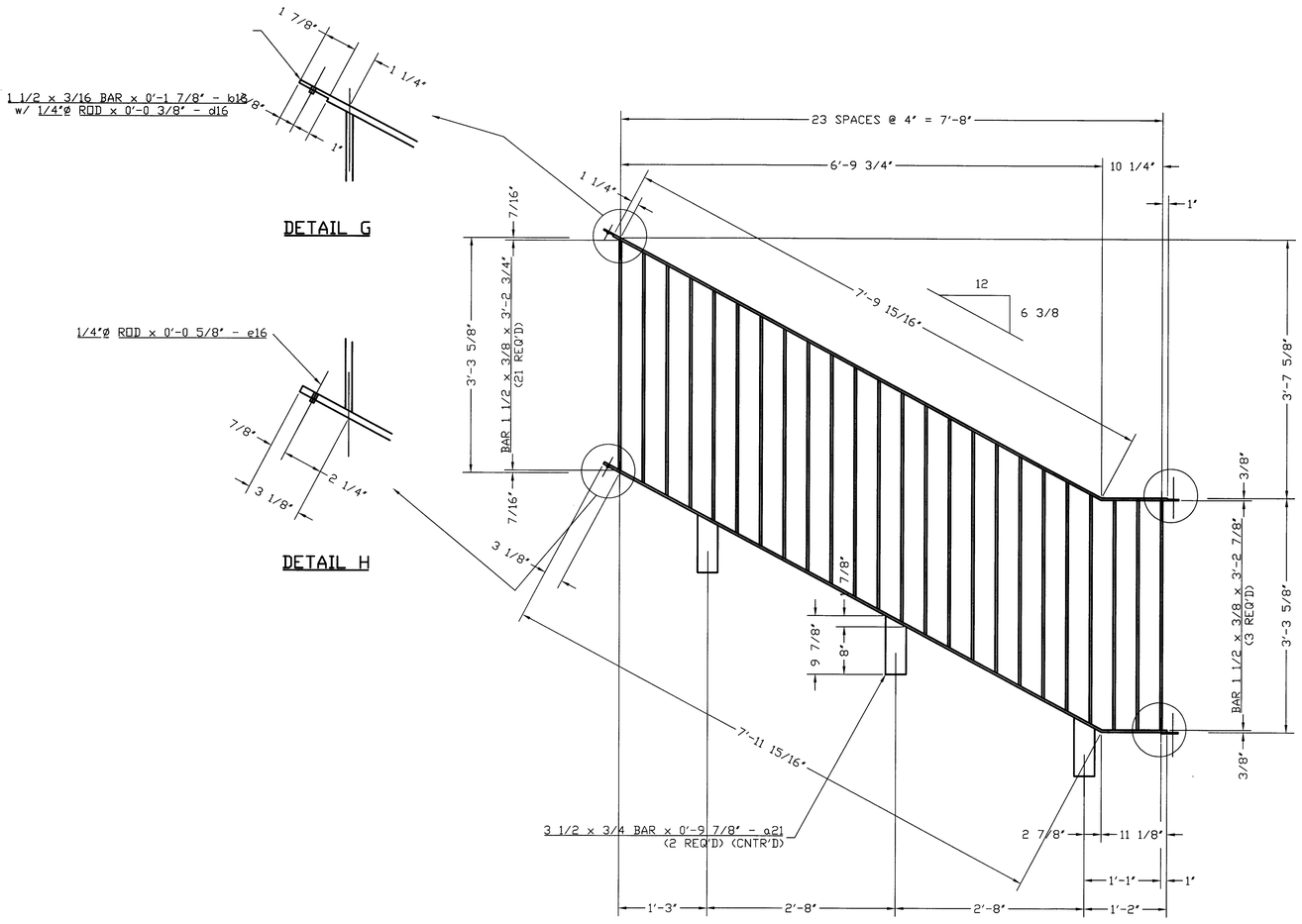
Customer: PARIC

Owner: WEBESTER UNIV.

Location: WEBSTER GROVES, MO

Dwn: DC Date: 3/8/17 Ckd: _____ Date: _____

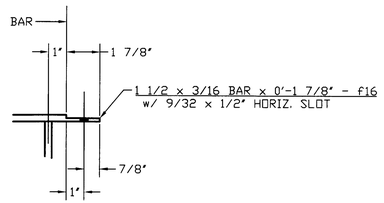
Job No. A16033M BAT: _____ DWG#: 21



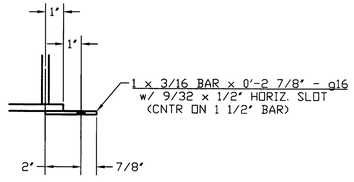
ONE - RAIL - 22A

DETAIL G

DETAIL H



DETAIL C



DETAIL D

WEST WALL RAILS

MATERIAL LIST

QTY	MARK	DESCRIPTION	LENGTH	NOTES
1	22A	RAIL	±8'-0"	

Romac By: _____ Checked By: _____

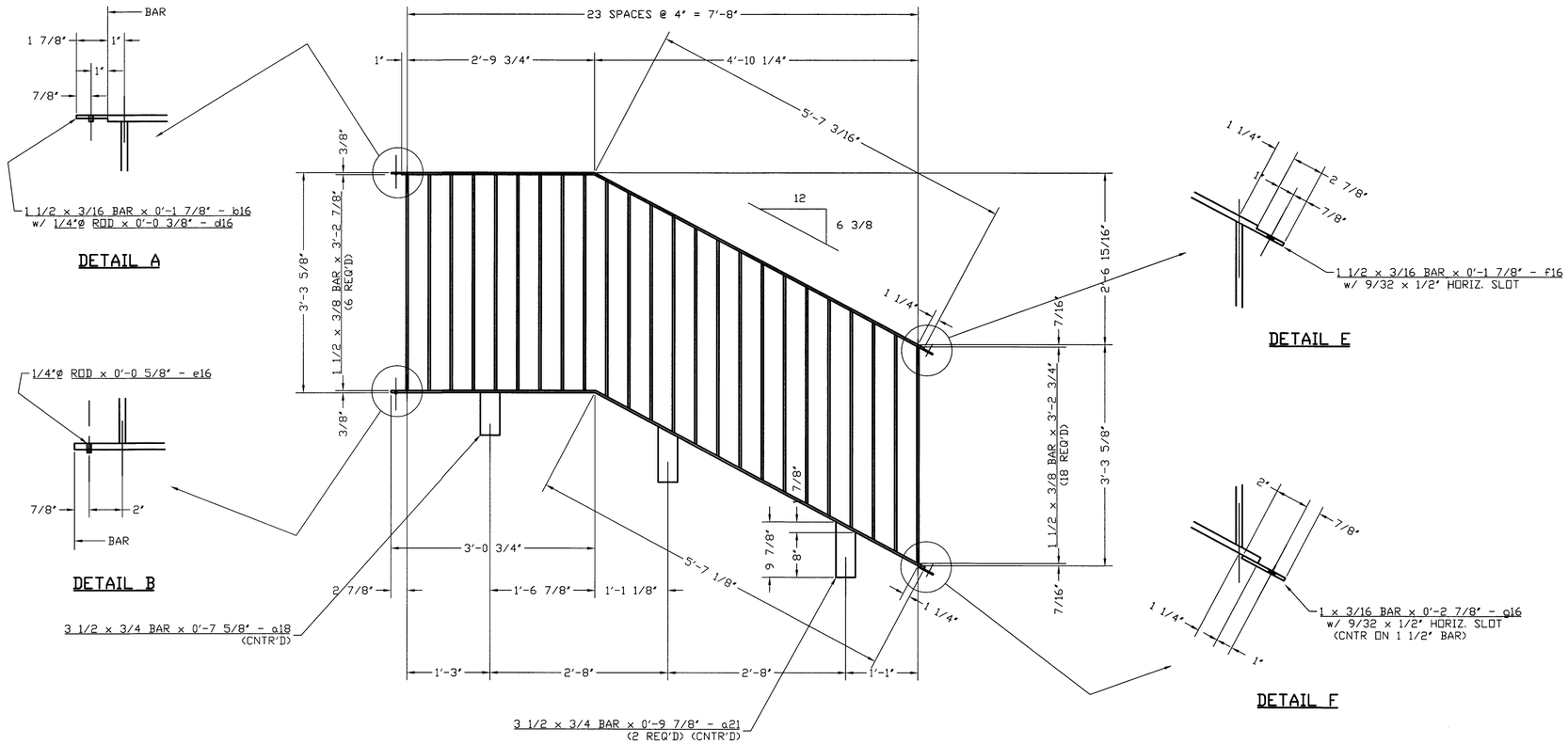
Beamline By: _____ Checked By: _____

A	FOR APPROVAL 3/14/17

ATLAS IRON WORKS
ST. LOUIS, MO.

Material: ASTM A-36 U.N.O. Edge Dist.: 1 1/4" U.N.O.
Holes: 13/16"ø UNO Bolts: NOTED
Cleaning: SSPC-SP7 (BRUSH BLAST)
Paint: EPOXY POWDER-COAT PRIMER (2-3 MILS)
POWDER-COAT FINISH (COLOR) COAT) (2-3 MILS)

Project: WEBSTER ISB
Customer: PARIC
Owner: WEBESTER UNIV.
Location: WEBSTER GROVES, MO
Dwn: DC Date: 3/8/17 Ckd: _____ Date: _____
Job No. A16033M BAT: _____ DWG#: 22



ONE - RAIL - 23A

WEST WALL RAILS

MATERIAL LIST

QTY	MARK	DESCRIPTION	LENGTH	NOTES
1	23A	RAIL	±8'-0"	

Romac By: _____ Checked By: _____

Beamline By: _____ Checked By: _____

△

△A FOR APPROVAL 3/14/17

Material: ASTM A-36 U.N.O. Edge Dist.: 1 1/4" U.N.O.

Holes: 13/16"ø UNO Bolts: NOTED

Cleaning: SSPC-SP7 (BRUSH BLAST)

Paint: EPOXY POWDER-COAT PRIMER (2-3 MILS)
POWDER-COAT FINISH (COLOR) COAT) (2-3 MILS)

ATLAS IRON WORKS
ST. LOUIS, MO.

Project: WEBSTER ISB

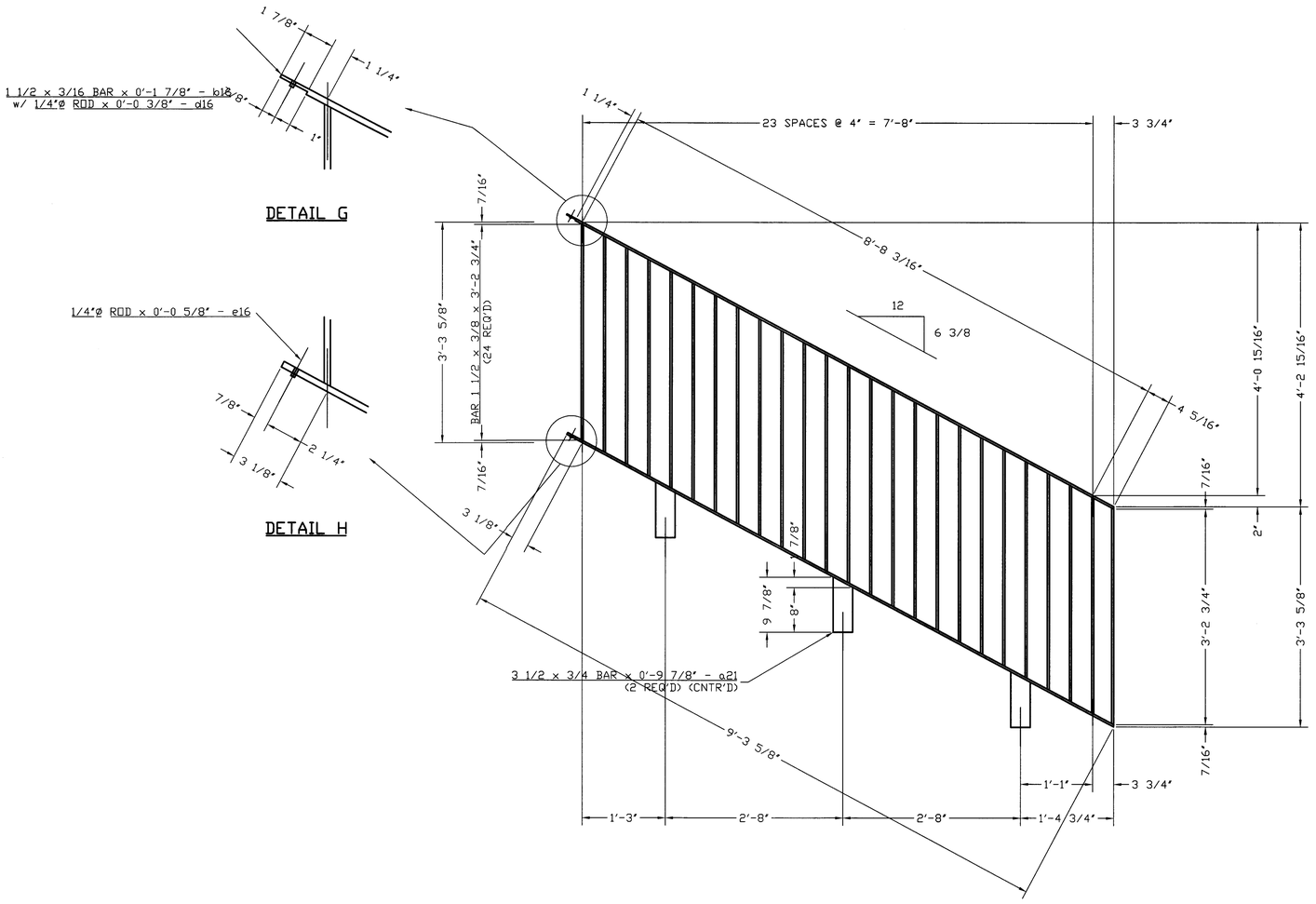
Customer: PARIC

Owner: WEBESTER UNIV.

Location: WEBSTER GROVES, MO

Dwn: DC Date: 3/8/17 Ckd: _____ Date: _____

Job No. A16033M BAT: _____ DWG#: 23



ONE - RAIL - 24A

WEST WALL RAILS

MATERIAL LIST

QTY	MARK	DESCRIPTION	LENGTH	NOTES
1	24A	RAIL	±8'-0"	

Romac By: _____ Checked By: _____

Beamline By: _____ Checked By: _____

△

A FOR APPROVAL 3/14/17

Material: ASTM A-36 U.N.O. Edge Dist.: 1 1/4" U.N.O.

Holes: 13/16"ø UNO Bolts: NOTED

Cleaning: SSPC-SP7 (BRUSH BLAST)

Paint: EPOXY POWDER-COAT PRIMER (2-3 MILS)
POWDER-COAT FINISH (COLOR) COAT) (2-3 MILS)

ATLAS IRON WORKS
ST. LOUIS, MO.

Project: WEBSTER ISB

Customer: PARIC

Owner: WEBESTER UNIV.

Location: WEBSTER GROVES, MO

Dwn: DC Date: 3/8/17 Ckd: _____ Date: _____

Job No. A16033M BAT: _____ DWG#: 24