

Grasseschi

PLUMBING, HEATING
& SPRINKLER

CONTRACTOR, INC.

1299 Grafton Street Worcester, MA 01604 Tel. (508)753-3028 FAX (508) 799-4953

REQUEST FOR INFORMATION

DATE: 09/18/2024

DATE REPLY NEEDED: ASAP

TO: Brait Builders Corporation
57 Rockwood Rd Suite 3
Marshfield, MA 02050

PROJECT: Consentino Middle
School RFI NO.: 14PR1

ATTN: Kyle McKernan

REFERENCE DOCUMENT(S):

DRAWING NO.(S) _____
SPECIFICATIONS _____
OTHER PR-22 response

INFORMATION NEEDED: There is a conflict between steel beam, bent plate and sink piping
on column line 3.0 in Building B. This occurs on all floors. In review of previous responses
conflict has not been alleviated. Can the bent plate be drilled?

RESPONSE MAY RESULT IN SCHEDULE IMPACT: ☒ Yes ☐ No ☐ TBD
RESPONSE MAY RESULT IN COST IMPACT: ☐ Yes ☐ No ☒ TBD

cc:

SIGNED: Scott LaFlash
Project Manager

REPLY: _____

SIGNED: _____

Easton Concrete Cutting & Drilling... PROPOSAL

125 Eastman Street
SouthEaston, MA 02375-1212

134178

508-238-0062 508-238-0145 Fax



Date Of Work: 9/15/2024

Order #: na

Customer: BRAIT BUILDERS

Technicians: BILL BETTS

Job Location: Consentino Middle School

Quantity	Work Description
----------	------------------

1.00	CORING FOR SINK PIPES PER PR-22 R1 - CORING CREW 1 DAY @ \$1750.00
------	--

Worker	Started	Arrived	Departed	Finished
--------	---------	---------	----------	----------

BILL BETTS				
------------	--	--	--	--

Acknowledgement

I agree that the work has been done satisfactory and is complete.

Accepted By: _____

Electronic Copy Emailed To

TDAHILL@braitbuilders.com

PCO REVIEW FORM

Project Name:

Haverhill Consentino Middle School

PCO No.

029
R1

Architect's Project No.

21-0818

d

w

DORE + WHITTIER

Subject:

Change Hold Opens per Submittal

PCO Issue Date:

2024.11.22

PCO Reviewed:

2024.12.05

The following is a summary of the Design Team review of the above referenced Proposed Change Order (PCO). Refer to summary below *and* attached comments. Acceptance of this PCO – or partial acceptance – shall not constitute a change to the construction contract or a directive to proceed with the work. PCO review is only a recommendation to the Owner regarding the validity and cost of the proposed PCO. Final approval shall be by the Owner per contract.

CATEGORY					
Elective / Owner		Town/AHJ/Other		Unforeseen	
Design	X	Other		GC Expenditure	

PCO shall be reviewed by each consultant with relevant work included:

Reviewed	Revise	Rejected	Consultant:	Reviewer:	Comments:
X			Architectural:	T. King / M. Rogers	D+W has reviewed the attached PCO
			Site/Civil:		
			Traffic:		
			Geotechnical:		
			Landscape:		
			Wetlands:		
			Haz Materials:		
			Structural:		
			Acoustical:		
			Foodservice:		
			Fire Protection:		
			Plumbing:		
			HVAC:		
			Electrical:		
			Lighting:		
			Telecomm:		
			Building Security:		
			Audio-Visual:		
			Theatrical:		
			Door Hardware:		
			Sustainability		
			Other:		

Michele Barbaro-Rogers

Digitally signed by Michele Barbaro-Rogers
DN: c=US, e=mrogers@doreandwhittier.com, cn=Michele Barbaro-Rogers
Reason: I have reviewed this document.
Date: 2024.12.05 17:00:57-05'00'

Michele Barbaro-Rogers

X	Design Team Recommends Approval
	Design Team Does Not Recommend Approval

Brait Builders Corp.



57 Rockwood Road
Suite 3
Marshfield, MA 02050

Phone: (781) 837-6400
Fax: (781) 837-6153

PROPOSED CHANGE ORDER**No. CMS-029R1****TITLE:** Change Hold Opens per Submittal**DATE:** 11/22/2024**PROJECT:** Dr. Albert B. Consentino Middle
School**JOB:** CSM-2024**TO:** City of Haverhill
685 Washington Street
Haverhill, MA**CONTRACT NO:****DESCRIPTION OF CHANGE**

Costs associated with the attached for changing hold opens, relocated door magnets. WJGEI Pricing based on NECA benchmark Level 1.

Item	Description	Quantity	Units	Unit Price	Labor Burden	Burden Amount	Net Amount
1	WJGEI Proposal #21	1	LS	\$2,265.82		\$0.00	\$2,265.82
2	Brait - OH&P - 5%	0	%	\$2,265.82		\$0.00	\$113.29
3	Brait - Bond - 2%	0	%	\$2,379.11		\$0.00	\$47.58

Lump Sum: \$2,426.69**Total:** \$2,426.69**Dore & Whittier****By:** SEE COVER LETTER**Date:****City of Haverhill****By:** 
Stephen Dorrance**Date:** 12/22/24**Brait Builders****By:** 
T.J. Dahill**Date:** 11-22-24**Owners Project Manager****By:** 
Christina Mulligan**Date:** 12.11.24

Team has no comments on PCO 029R1. Please note PCO029R1 shall be used to also review PCO-039.

At PCO-039 there were no electrical labor or materials credits provided at 1054D or 1054C. There shall be field cleanup credits, field as built credits, and working foreman credits as well.

Contractor to make fair and reasonable request of the design team and owner.

CPL notes that Brait confirmed no additional schedule day related to this change.



WAYNE J.
GRIFFIN ELECTRIC
INC.

November 21, 2024

VIA EMAIL ONLY: tdahill@braitbuilders.com

Mr. T.J. Dahill, Project Executive
Brait Builders Corporation
57 Rockwood Road, Suite 3
Marshfield, MA 02050

RE: Job #2949 - Consentino Middle School, Haverhill, MA
Proposal #21, Supersedes Proposal #5

Dear Mr. Dahill:

Wayne J. Griffin Electric, Inc. ("WJGEI") proposes to modify our contract to perform the following lump sum revisions to our work per our enclosed detailed backup:

DESCRIPTION OF WORK:

Wayne J Griffin Electric are providing their cost proposal for the labor and material for the works as set out below following an email from Brait Builders Corporation dated July 16, 2024.

At the following doors, the Hold Open Magnets connected to the Fire Alarm have been changed from wall mount to floor mount. Doors #1054C, #1069C, and #1069D. WJGEI are providing their cost for the labor and material for a complete system for the relocation of these devices.

Please note - The Door Magnets will be supplied by the Hardware Contractor and are not included in this proposal. Our costs do not include for any cutting, patching, painting, floor or wall protection, ceiling tile removal, permit or bond.

Total \$ 2,265.82

The additional work will require one (1) day to be added to the completion date. This is a lump sum forward looking estimate of the above-noted change to our scope of work. This estimate represents a price we are willing to accept to assume the cost risk of this change to our ongoing work given the information provided to us.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

2395 Pleasantdale Road
Suite 14
Doraville, GA 30340
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

The labor and material prices contained in this proposal are based upon vendor/subcontractor quotes (if noted) and/or electrical industry pricing guides such as NECA, Trade Service, or R.S. Means, which guides are widely used and accepted in the construction industry to facilitate timely and consistent change order pricing. This estimate is offered for your review, approval and acceptance.

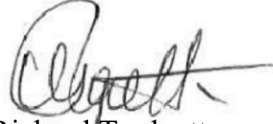
The value included in this proposal does not include any amounts for extended contract duration, overtime, changes in the sequence of work, acceleration, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Wayne J. Griffin Electric, Inc. reserves the right to void this proposal after thirty (30) days from the date above.

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5373 or rtredgett@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Richard Tredgett
Project Manager

RT/ncp

ACKNOWLEDGMENT: The contract modifications stated for the above proposal are acceptable for the work to be performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: Michael Brait, Owner, Brait Builders Corporation, mbrait@braitbuilders.com
Jake McDonough, Assistant Project Manager, Brait Builders Corporation,
jmcdonough@braitbuilders.com
Neil Dooney, Superintendent, Brait Builders Corporation, ndooney@braitbuilders.com
Richard Tredgett, Project Manager, Wayne J. Griffin Electric, Inc.
Chris Deschenes, Assistant Project Manager, Wayne J. Griffin Electric, Inc.
Victor Vargas, Assistant Project Manager, Wayne J. Griffin Electric, Inc.
Alex L'Homme, Project Foreman, Wayne J. Griffin Electric, Inc.



116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251

CCN#: P-0021, CP - Relocated Door Magnets
Date: 11/19/2024
Project Name: Consentino Middle School
Project Number: 02949-00-24
Page Number: 1

Work Description

Wayne J Griffin Electric are providing their cost proposal for the labor and material for the works as set out below following an email from Brait dated 7/16/24.

*At the following doors the Hold Open Magnets connected to the Fire Alarm have been changed from wall mount to floor mount , Doors 1054C, 1069C, and 1069D. WJGEI are providing their cost for the labor and material for a complete system for the relocation of these devices.

Note - The Door Magnets will be supplied by the Hardware Contractor and are not included in this proposal.

Our costs do not include for any cutting, patching, painting, floor/wall protection, ceiling tile removal, permit or bond.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
3/4" EMT CONDUIT	36.00	1.3375	FT	48.150	0.0500	1.800
3/4" PVC SCHEDULE 40	18.00	0.8444	FT	15.200	0.0450	0.810
3/4" RIGID 90D ELBOW	2.00	10.4300	EA	20.860	0.4000	0.800
3/4 EMT FIELD BEND	3.00	0.0000	EA	0.000	0.1920	0.576
3/4" EMT STEEL SET SCREW COUPLING	3.00	1.3900	EA	4.170	0.0500	0.150
3/4" EMT STEEL SET SCREW CONNECTOR	6.00	0.3600	EA	2.160	0.1000	0.600
3/4" PVC FEMALE ADAPTER	12.00	0.5917	EA	7.100	0.1600	1.920
3/4" RIGID CHASE NIPPLE	3.00	0.5000	EA	1.500	0.1400	0.420
3/4 X 4 RIGID NIPPLE	3.00	3.9167	EA	11.750	0.3000	0.900
4" SQ. BOX 2-1/8" DEEP 1/2" & 3/4" KO	0.00	0.0000	EA	0.000	1.0000	0.000
4" SQ. RING 3/4" RAISED 1 DEV	-3.00	1.1200	EA	-3.360	0.1500	-0.450
4" SQ. COVER FLAT BLANK	3.00	0.7367	EA	2.210	0.0800	0.240
3/8 X 1-1/4" ZINC PLATED FENDER WASHER	9.00	0.1489	EA	1.340	0.0012	0.011
3/8-16 ZINC PLATED HEX NUT	9.00	0.1100	EA	0.990	0.0360	0.324
#6 x 3/8" TEK SCREW	27.00	0.0611	EA	1.650	0.0012	0.032
3/8" SELF DRILLING ANCHOR	3.00	0.9467	EA	2.840	0.2200	0.660
3/8" X 10' PLATED THREADED ROD	18.00	0.7506	FT	13.510	0.1100	1.980
3/4 EMT 1-HOLE MALLEABLE STRAP	9.00	1.1844	EA	10.660	0.0400	0.360
STUD BRACKET ADJ 11 TO 18" OC	6.00	5.6383	EA	33.830	0.0700	0.420
Totals				174.56		11.55
Tax				0.00		
Materials with Tax				174.56		

Summary

Itemized Breakdown Total		174.56
Electrical Journeyman	(11.5532 hrs @ \$99.04 / hr)	1,144.23
		1,144.23



116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251

CCN#: P-0021, CP - Relocated Door Magnets
Date: 11/19/2024
Project Name: Consentino Middle School
Project Number: 02949-00-24
Page Number: 2

FIELD CLEANUP	(0.35 hrs @ \$99.04 / hr)	34.66	
FIELD AS BUILTS	(0.35 hrs @ \$99.04 / hr)	34.66	
WORKING FOREMAN	(2.31 hrs @ \$99.04 / hr)	228.78	
		298.10	
Labor Burden	(\$1,442.33 @ 30.00%)	432.70	
		432.70	
Overhead & Profit	(\$2,049.59 @ 10.00%)	204.96	
		204.96	
Bond	(\$2,254.55 @ 0.50%)	11.27	
		11.27	
			947.03
Total			\$2,265.82

Richard Tredgett

From: Jake McDonough <jmcdonough@braitbuilders.com>
Sent: Tuesday, July 16, 2024 1:29 PM
To: Richard Tredgett; Tom Donahue; Alex L'Homme
Cc: T.J. Dahill
Subject: CMS - Doors

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Hi Richard,

Passing along a note below from door hardware sub (Kelly Bros).

- a) Doors 1054C (south leaf), 1069C (north leaf), 1069D (south leaf): the wall mounted electromagnetic hold opens were changed to floor mount at these locations. Please pass this along to your electrical contractor.

Thanks,

Jake McDonough | *Assistant Project Manager*



BRAIT BUILDERS
CORPORATION

Brait Builders Corporation | 57 Rockwood Rd Suite 3, Marshfield, MA 02050
C 339 793 1235 | P 781 837 6400 | F 781 837 6153 | jmcdonough@braitbuilders.com

PCO REVIEW FORM

Project Name: **Haverhill Consentino Middle School** PCO No.

Architect's Project No. **21-0818**



Subject: **BFA Sequence 30-34**

PCO Issue Date: **2024.11.12**
PCO Reviewed: **2024.11.27**

The following is a summary of the Design Team review of the above referenced Proposed Change Order (PCO). Refer to summary below *and* attached comments. Acceptance of this PCO – or partial acceptance – shall not constitute a change to the construction contract or a directive to proceed with the work. PCO review is only a recommendation to the Owner regarding the validity and cost of the proposed PCO. Final approval shall be by the Owner per contract.

CATEGORY					
Elective / Owner		Town/AHJ/Other		Unforeseen	
Design	X	Other		GC Expenditure	

PCO shall be reviewed by each consultant with relevant work included:

Reviewed	Revise	Rejected	Consultant:	Reviewer:	Comments:
	X		Architectural:	T. King / M. Rogers	D+W has reviewed the attached PCO and finds the fees to be acceptable
			Site/Civil:		
			Traffic:		
			Geotechnical:		
			Landscape:		
			Wetlands:		
			Haz Materials:		
X			Structural:	EDG	No additional comments
			Acoustical:		
			Foodservice:		
			Fire Protection:		
			Plumbing:		
			HVAC:		
			Electrical:		
			Lighting:		
			Telecomm:		
			Building Security:		
			Audio-Visual:		
			Theatrical:		
			Door Hardware:		
			Sustainability		
			Other:		

Michele Barbaro-Rogers

Michele Barbaro-Rogers

Digitally signed by Michele
Barbaro-Rogers
DN: C=US,
E=mrogers@doreandwhittier.com,
CN=Michele Barbaro-Rogers
Reason: I have reviewed this
document
Date: 2024.11.27 15:09:54-05'00'

X	Design Team Recommends Approval
	Design Team Does Not Recommend Approval

Brait Builders Corp.


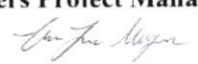
57 Rockwood Road
Suite 3
Marshfield, MA 02050

Phone: (781) 837-6400
Fax: (781) 837-6153

PROPOSED CHANGE ORDER**No. CMS-042R1****TITLE: BFA Seq 30-34****DATE: 11/12/2024****PROJECT: Dr. Albert B. Consentino Middle School****JOB: CSM-2024****TO: City of Haverhill
685 Washington Street
Haverhill, MA****CONTRACT NO:****DESCRIPTION OF CHANGE**

Costs associated with BFA Seq 30-34. Backup info for PCO-042R1 can be found on Procore.

Item	Description	Quantity	Units	Unit Price	Labor Burden	Burden Amount	Net Amount
1	Norgate NOC#6R1	1	LS	\$1,183.71		\$0.00	\$1,183.71
2	Brait - OH&P - 5%	0	%	\$1,183.71		\$0.00	\$59.19
3	Brait - Bond - 2%	0	%	\$1,242.90		\$0.00	\$24.86

Lump Sum: \$1,267.75**Total: \$1,267.75****Dore & Whittier****By:** SEE COVER SHEET**Date:** _____**City of Haverhill****By:** 
Stephen Dorrance**Date:** 12/23/24**Brait Builders****By:** 
T.J. Dahill**Date:** 11-12-24**Owners Project Manager****By:** 
Christina Mulligan**Date:** 12.19.2024

Drawing costs were revised from 15hrs to 8hrs.

Costs provided for changes to RFI 114 / Norgate RFI 58 / PR 25 was edge of slab changes due to curtain wall mullion depth revisions at the connector.

Find costs provided to be acceptable.

**NORGATE**

791 8e Rue Est, La Guadeloupe (Qc) G0M 1G0

NOTIFICATION OF CHANGES

NOC No:	6 rev-1	Date of request:	Nov-11-2024	response required by:	Nov-15-2024
Contractor:	Brait Builders	Project's name:	Consentino Middle School		
To:	TJ Dahill	Phone:	418-313-7180	Fax:	
From:	Etienne Morin	Ref. Document:	BFA SEQ30@34	Attachments:	Marked up documents & back up from drafter

Description: Hereby costs associated with the changes made on approval return of Sequences 30@34 + some changes made via RFI-058 & PR-025. Refer to backup in attachment for a detailed description of the changes.

Steel:	W shape	0 lbs	1.10 \$ /lbs	0.00 \$
	L & C	0 lbs	1.45 \$ /lbs	0.00 \$
	Plate	0 lbs	1.75 \$ /lbs	0.00 \$
	HSS 3/4" to 12"	0 lbs	1.75 \$ /lbs	0.00 \$
	HSS 14" and +	0 lbs	2.15 \$ /lbs	0.00 \$
	Bolts	0 qty	2.90 \$ /ea	0.00 \$
	galvanized	0 lbs	0.55 \$ /lbs	0.00 \$
	Standard primer	0 lbs	0.15 \$ /lbs	0.00 \$
	Connections & Waste 10%	0 lbs	1.75 \$ /lbs	0.00 \$
Deck:				0.00 \$
			sub-total	0.00 \$
			0%	0.00 \$
			sub-total	0.00 \$
			Admin & Profit 10%	0.00 \$
			sub-total	0.00 \$
			TAXES: 0.00%	0.00 \$
			sub-total (material)	0.00 \$
Project manager:	1 hr		135.00 \$ /hr	135.00 \$
Drawings:	8 hr		115.00 \$ /hr	920.00 \$
Engineering:	0 hr		175.00 \$ /hr	0.00 \$
Fabrication & handling :	0 hr		135.00 \$ /hr	0.00 \$
Transport:	N/A			0.00 \$
			sub-total	1 055.00 \$
			0%	0.00 \$
			sub-total	1 055.00 \$
			Admin & Profit 10%	105.50 \$
			sub-total	1 160.50 \$
			sub-total (workforce)	1 160.50 \$
Erection:				0.00 \$
			0%	0.00 \$
			sub-total	0.00 \$
			Admin & profit 10%	0.00 \$
			sub-total	0.00 \$
			sub-total (erection)	0.00 \$
			Bond:	
			Insurances: 2%	23.21 \$
			Total	1 183.71 \$

Profit taken twice within PCO

Impact on the global delivery schedule: 0 days

Nov-15-2024



Brait Builders Corporation
57 Rockwood Rd, Suite 3
Marshfield, Massachusetts 02050
P: +17818376400

Project: CMS Haverhill Middle School
685 Washington Street
Haverhill , Massachusetts 01830

RFI #114: CMS - RFI 114 - Norgate RFI - 058 Seq 30-34 Clarifications

Status	Open		
To	Tara King (Dore and Whittier) Heather Gratton (Dore and Whittier)	From	Jake McDonough (Brait Builders Corporation)
Date Initiated	Aug 27, 2024	Due Date	Sep 25, 2024
Location	Project Stage		
Cost Impact	Schedule Impact		
Spec Section	Cost Code		
Drawing Number	Reference		
Linked Drawings			
Received From	Etienne Morin (Norgate Metal)		
Copies To	TJ Dahill (Brait Builders Corporation), Neil Dooney (Brait Builders Corporation), Heather Gratton (Dore and Whittier), Tara King (Dore and Whittier), Don Walter (Dore and Whittier)		

Activity

Question	<p>Question from Jake McDonough Brait Builders Corporation on Tuesday, Aug 27, 2024 at 12:29 PM EDT</p> <p>We reviewed the comments made on the erection plans and shop drawings approval of sequences 30 @ 34 and would like to clarify some comments. Please refer to the attached comments from Norgate in purple and advise accordingly. Note: 1- Most of the items are to be answered by Brait directly. 2- Some kicker braces were not reviewed because the piecemark were not shown on the erection plans. We added the plan with the piecemark so they can be approved. 3- The items within the purple rectangles are acknowledged.</p> <p>Attachments CMS - RFI 114 - Norgate RFI - 058 Seq 30-34 Clarifications.pdf</p>
----------	---

Awaiting an Official Response

EDG:

Architect please confirm elevation of steel on page 6.

Brace pieces are structurally acceptable.

Tim Hill - 09/04/2024

CONSENTINO MIDDLE SCHOOL - #21-0818

TO:	FROM:	RFI #:
Dore & Whittier Architects Inc. 260 Merrimac St., Bldg.7 Newburyport, MA 01950	Brait Builders	RFI - 114
Attn: Tara King	Reply Requested by: Jake McDonough	Issue Date: 08/27/24
RFI DESCRIPTION (Indicate origin of RFI, and summarize the question or type of information required): We reviewed the comments made on the erection plans and shop drawings approval of sequences 30 @ 34 and would like to clarify some comments. Please refer to the attached comments from Norgate in purple and advise accordingly. Note: 1- Most of the items are to be answered by Brait directly. 2- Some kicker braces were not reviewed because the piecemark were not shown on the erection plans. We added the plan with the piecemark so they can be approved. 3- The items within the purple rectangles are acknowledged.		
REFERENCES (List relevant Drawings or Specification sections and paragraphs): 		
SENDER'S RECOMMENDATION (All RFIs must include a contractor's recommended solution to each condition, including a statement of cost or schedule of impact if applicable. The contractor may be back-charged by the Owner for designer's review time for any RFI submitted without a sender's recommended solution or where response is evident in Drawings.) 		
DESIGNER'S RESPONSE:		

Refer to DW blue comments within attachment.		
BY:	DATE:	COPIES TO:

END OF SECTION

Request for Interpretation Form
01 30 01 - 1



NORGATE

791 8e Rue Est, La Guadeloupe (Qc) G0M 1G0

FO-7.1-1

REQUEST FOR INFORMATION

RFI No: 058

Date of Request: 08-27-24

Response required by: 08-30-24

Contractor: Brait Builders

Project's name: Consentino Mid School (S24-859)

To: TJ Dahill

Phone: 781-837-6400

From: Etienne Morin

Ref. Document: Clarifications to sequences 30 @ 34 returned from approval

Attachments: Plans & Shop dwgs

Problem Identification or Question:

We reviewed the comments made on the erection plans and shop drawings approval of sequences 30 @ 34 and would like to clarify some comments. Please refer to the attached comments from Norgate in purple and advise accordingly.

Note:

- 1- Most of the items are to be answered by **Brait** directly.
- 2- Some kicker braces were not reviewed because the piecemark were not shown on the erection plans. We added the plan with the piecemark so they can be approved.
- 3- The items within the purple rectangles are acknowledged.

Selected Resolution By: _____ **Date:** _____

APPROVER : Make sure that all questions related to this RFI (including the ones shown on attached sketches) are clearly answered to avoid delays.



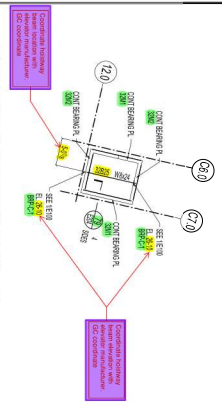
Major opening concert on (See date) (10:00-11:00) and
concerts to provide bare, data with available, better than
concerts as per \$50.00. For equipment purposes, QCC
to coordinate having deck/condenser provide a pour
stop at start run location.

DETAIL L10/A7.50 APPLIES
HERE AND LIKE FOR PARTS A
& B. WE CONFIRMED THIS
ANGLE IS TO BE PROVIDED BY
THE STAIR MANUFACTURER.

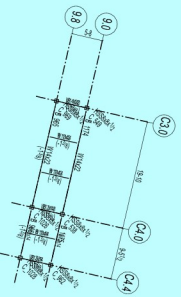
Missing Sheets E200, E201
and E202 from this submittal.

01. SEE PWG E100 FOR TYPICAL DETAILS
02. — INDICATES FULL PENETRATION MOMENT CONNECTION
03. — INDICATES HAS WELDED ALL AROUND. SEE E100
04. — INDICATES A BENT BEAM
05. — INDICATES A COLUMN UP
06. — INDICATES A COLUMN DOWN
07. — INDICATES A COLUMN DOWN
08. TOP OF STEEL. E.L. 132' V. UNLESS NOTED OTHERWISE
AS THIS (XX-XX) ON FILE





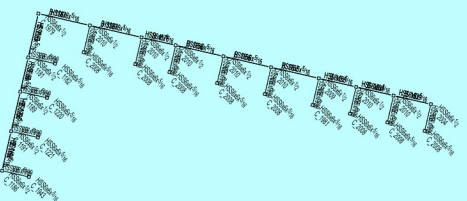
ELEVATOR ROOF PART PLAN 1



STAIR ROOF PART PLAN 2

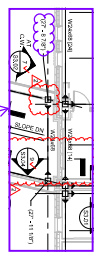


SCREENWALL PART PLAN 3



SCREENWALL PART PLAN 4

NOT FOR APPROVAL



SEE ELEVATOR ROOF PART PLAN 1 FOR ELEVATOR ROOF DETAIL. SEE STAIR ROOF PART PLAN 2 FOR STAIR ROOF DETAIL. SEE SCREENWALL PART PLAN 3 FOR SCREENWALL DETAIL. SEE SCREENWALL PART PLAN 4 FOR SCREENWALL DETAIL.

DRAWING NOTES:

01. SEE DING E-100 FOR TYPICAL DETAILS
02. —> INDICATES FULL PENETRATION MOMENT CONNECTION
03. —> INDICATES HSS WELDED ALL AROUND. SEE E-100
04. —> INDICATES A BENT BEAM
05. (CDD) INDICATES A COLUMN UP
06. (CDD) INDICATES A COLUMN DOWN
07. C-41 INDICATES A COLUMN UP
08. (TOP OF STEEL ELEVATIONS NOTED AS THIS (MAX))

No comment
Commented: See in Notes
Action: See in Notes

E133

NOBISGATE	CONSENTING	MIDDLE SCHOOL	HAVERHILL, MA
PROJECT	SHEET TITLE	ROOF FRAMING PLAN	AREA C
NOBISGATE	NOBISGATE	NOBISGATE	NOBISGATE
NOBISGATE	NOBISGATE	NOBISGATE	NOBISGATE

MARK	QTY	DESCRIPTION	LENGTH	PANT	STEEL	WEIGHT	MARK	QTY	DESCRIPTION
		ONE BEAM		PS-2		541			FIELD BOLTS
31B8	1	W12x14	17'-5 3/4"		A992	245		6	TC 3/4 A325N
bept04	1	BP 5/8x16 1/2	8'-8 7/8"		A572-50	153			
bept26	1	BP 5/8x16 1/2	1'-2 11/16"		A572-50	21			
bept25	1	BP 5/8x13 1/2	7'-4"		A572-50	105			
p300	2	P 5/16x3	0'-4 3/16"		A572-50	2			
ss5	17	WS 3/4	0'-6"		A108	14			

MARK	QTY	DESCRIPTION	DATE
REV	DESCRIPTION		
A	ISSUED FOR APPROVAL		Aug 8 2024

CHECK	DRAWN	PROJECT
SG	DSOL	CONSENTINO
REV	PRJ No	MIDDLE SCHOOL
	S24-859	HAVERHILL, MA
	31	

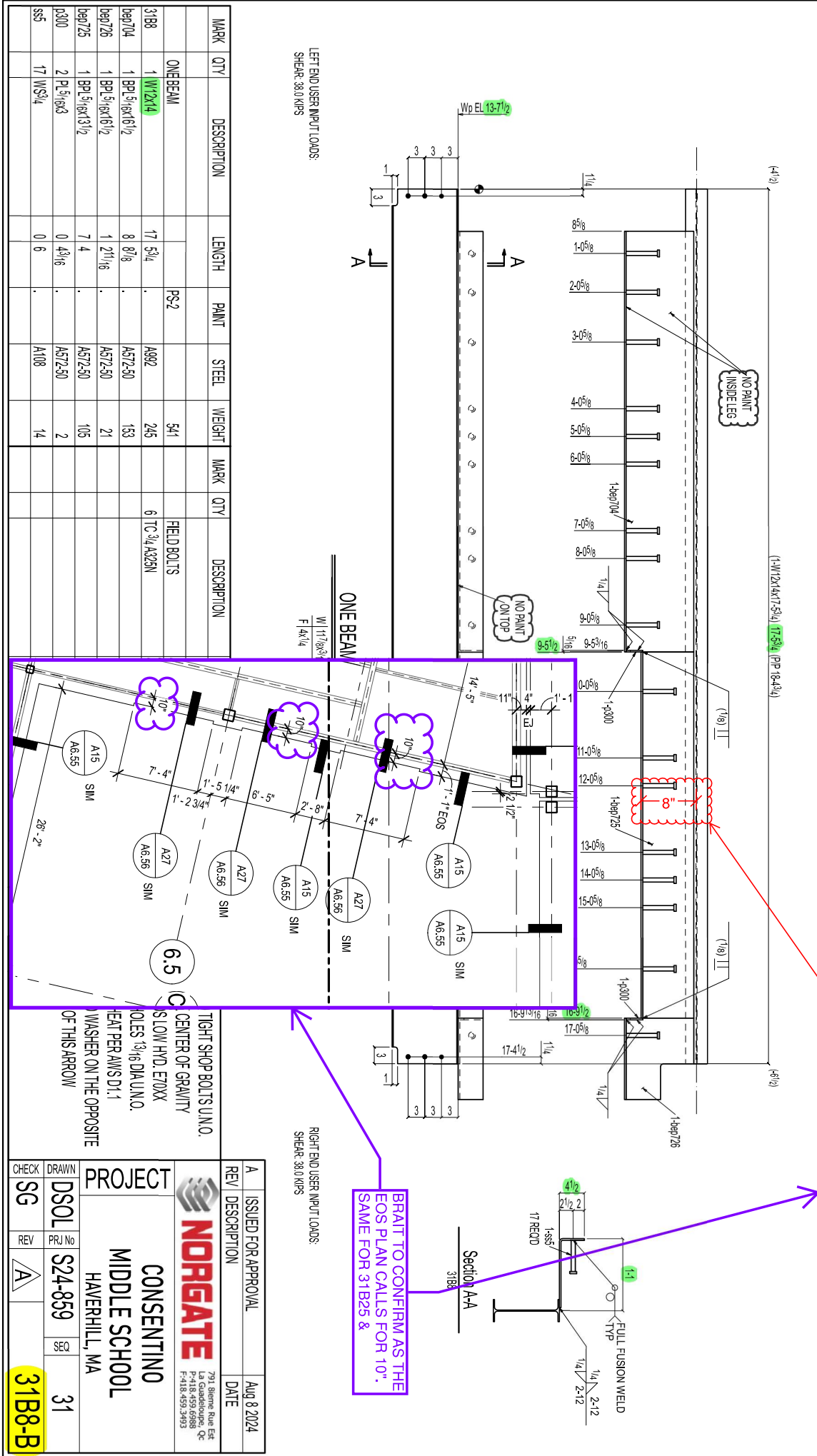
31B8-B

LEFT END USER INPUT LOADS:
SHEAR: 38.0 KIPS

RIGHT END USER INPUT LOADS:
SHEAR: 38.0 KIPS

BRAIT TO CONFIRM AS THE
EOS PLAN CALLS FOR 10".

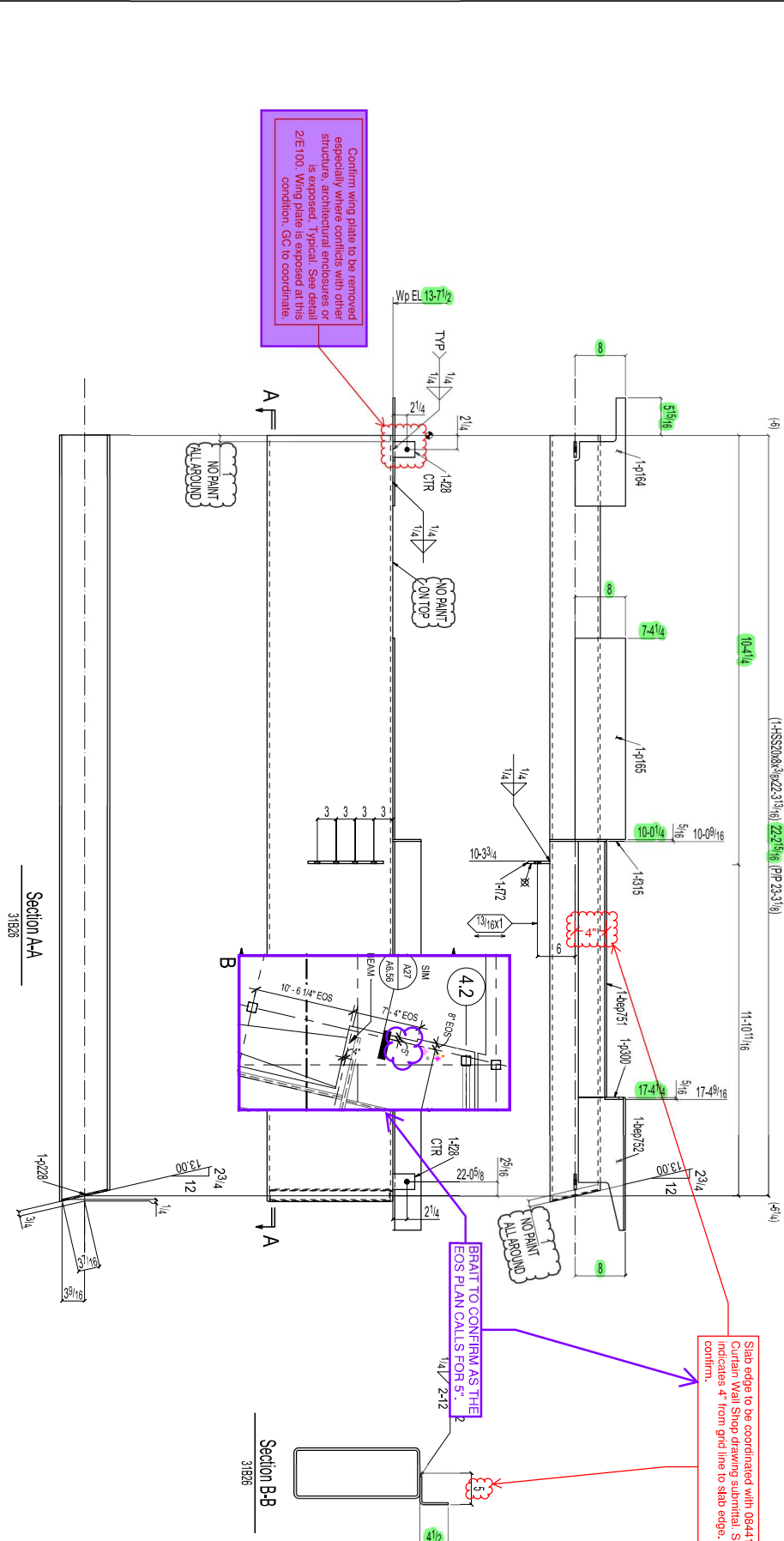
Slab edge to be coordinated with 084413-002
Curtain Wall Shop drawing submittal. Submittal
Indicates 8" from grid line to slab edge. GC to
confirm.



MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT	MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT	MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT
31B26	1	HSS208x8x22-31 ³ / ₁₆	22-31 ³ / ₁₆	RS-4	AS00C	1525	10300	1	PL516x3	0-14 ¹ / ₁₆	AS7-250	1								
					AS2-28	1525	10300	1	PL14x7 ³ / ₁₆	1-7 ³ / ₁₆	AS7-250	10								
472	1	PL36x1 ¹ / ₂	1-0		AS7-250	4														
28	2	PL36x1 ¹ / ₂	0-2 ¹ / ₁₆		AS7-250	2														
28	2	PL36x1 ¹ / ₂	5-4 ¹ / ₁₆		AS7-250	65														
28	2	PL36x1 ¹ / ₂	7-3 ¹ / ₁₆		AS7-250	66														
28	2	PL36x1 ¹ / ₂	1-5 ¹ / ₁₆		AS7-250	3														
28	2	PL36x1 ¹ / ₂	2-8		AS7-250	23														
28	2	PL36x1 ¹ / ₂	0-9		AS7-250	4														

AESS

ONE BEAM 31B26



GENERAL NOTES

- HAND TIGHT SHOP BOLTS UNLO.
- MARK CENTER OF GRAVITY
- WELDS LOW H/D, ETOXX
- STD HOLES 1 1/8 DIA UNLO.
- PRE-HEAT PER AWS D1.1
- WELD WASHES ON THE OPPOSITE SIDE OF THIS ARROW

PROJECT

NORRIGATE

CONSENTINO

MIDDLE SCHOOL

HAVERHILL, MA

31B26-C

31

CHECK

DRAWN

REV

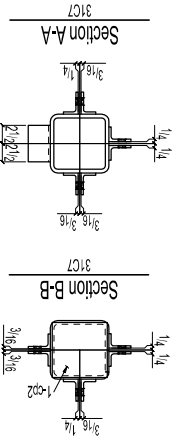
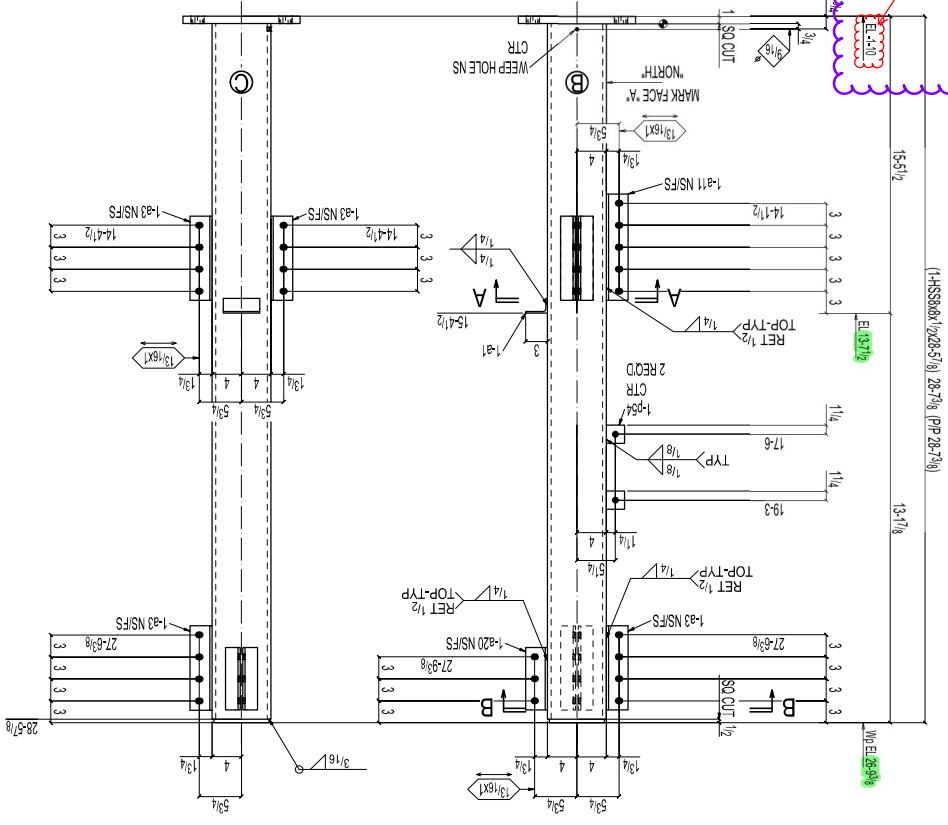
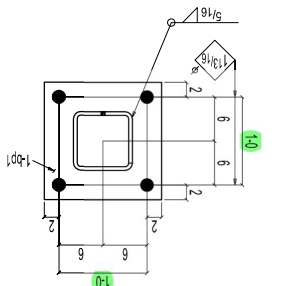
DATE

ISSUED FOR APPROVAL

DATE

EDG: Elevation -1.1' ±.
G/C to confirm
elevation of pier in
the field.

BRAIT TO CONFIRM



MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT	MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT
		ONE COLUMN		PR-2		1592							
31C7	1	1-HSS30x12	28.57		A500C	1392							
B11	2	2-3/8x8	1.21		A36	12							
B3	8	8-3/8x8	0.11		A36	38							
B20	2	2-3/8x8	0.81		A36	7							
B1	1	1-3/8x4	0.5		A36	2							
B01	1	1-PL1x6	1.4		A57-50	73							
B02	1	1-PL1x7	0.71		A57-50	8							
B04	2	2-PL1x7	0.21		A57-50	1							

GENERAL NOTES

- HAND TIGHT SHOP BOLTS UNLO.
- MARK CENTER OF GRAVITY
- WELDS LOW H.T.D. ETOXX
- STD HOLES 1 1/8 DIA UNLO.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

PROJECT

NORRGATE

CONSENTINO

MIDDLE SCHOOL

HAVERHILL, MA

CHECK

DSOL

REV

SG

DRAWN

REV

SG

REV

DATE

31

A

ISSUED FOR APPROVAL

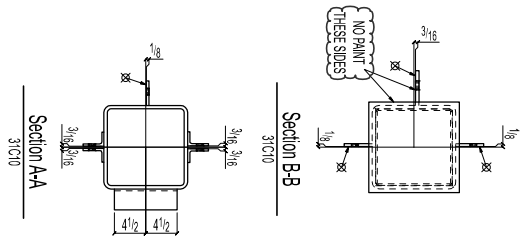
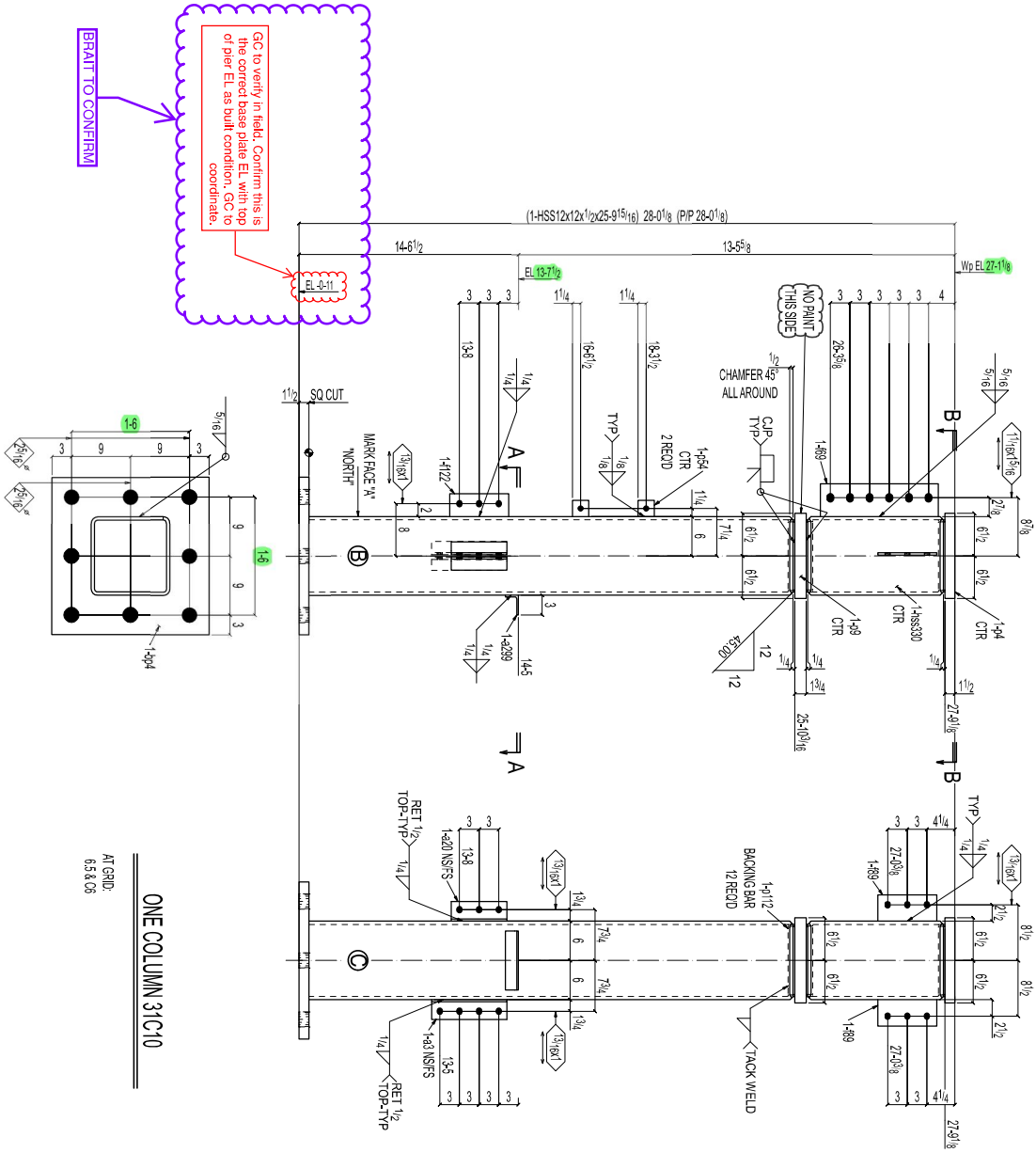
Aug 8 2024

REV

DESCRIPTION

DATE

MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT	MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT	MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT
		ONE COLUMN																		
31C10	1	HSS12x12 1/2	26.915	PS-2	A500C	2546	189	1	1 FT 1/8	1.6		A57-20	12							
HSS300	1	HSS12x12 1/2	1.811		A500C	193	112	2	1 FT 3/8	0.9		A57-20	7							
31	2	13x24 1/8	0.117		A36	10	104	2	1 FT 1/2	0.212		A57-20	1							
32	2	13x24 1/8	0.812		A36	7	112	12	1 FT 1/4	0.108		A57-20	9							
33	1	13x24 1/4	0.9		A36	3														
34	1	1 FT 1/4	1.1		A57-20	84														
35	1	1 FT 1/4	2.0		A57-20	245														
36	1	1 FT 1/4	1.1		A57-20	72														



GENERAL NOTES

- HAND TIGHT SHOP BOLTS UNLO.
- MARK CENTER OF GRAVITY
- WELDS LOW H.T.D. E70XX
- STD HOLES 1 1/8 DIA UNO.
- PRE-HEAT PER AWS D1.1
- WELD WASHES ON THE OPPOSITE SIDE OF THIS ARROW

PROJECT

CONSENTINO

MIDDLE SCHOOL

HAVERHILL, MA

ISSUED FOR APPROVAL

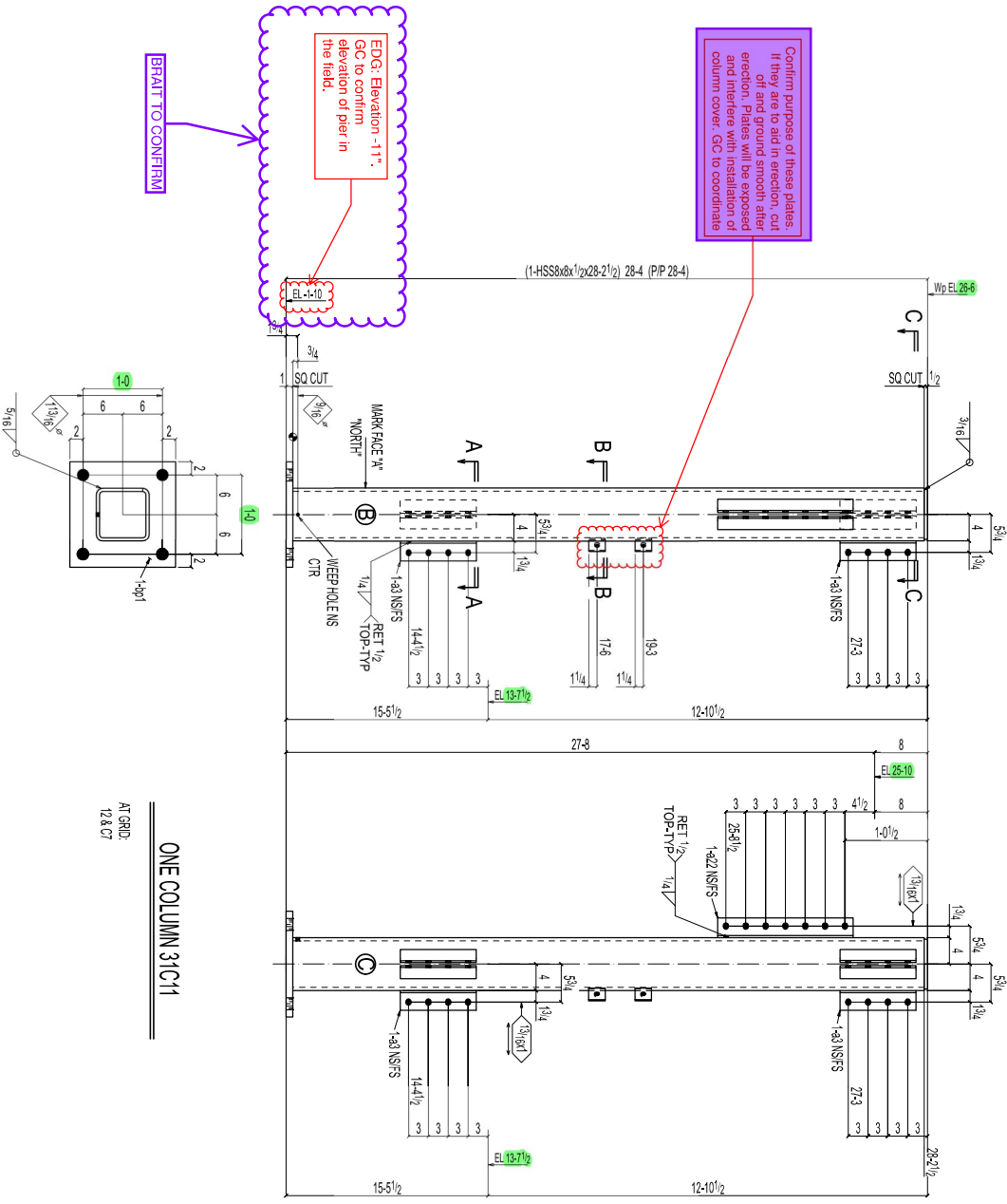
DATE

31C10-C

31

31C10-C

31



MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT	MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT
		ONE COLUMN											
31C11	1	1 HSS8x8x1/2	28' 2 1/2"	PR-2	A500C	1378							
422	2	2 1/3x2x1/8	1' 8 1/2"		A36	17							
43	8	8 1/3x2x1/8	0' 11 1/2"		A36	38							
101	1	1 PL1x6	1' 4"		A57-50	73							
102	1	1 PL1x2x1/2	0' 7 1/2"		A57-50	8							
104	2	2 PL1x2x1/2	0' 2 1/2"		A57-50	1							

GENERAL NOTES

- HAND TIGHT SHOP BOLTS UNO.
- MARK CENTER OF GRAVITY
- WELD LOW H.D. E70XX
- STD HOLES 1 1/8" DIA UNO.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

PROJECT

CONSENTINO
MIDDLE SCHOOL
HAVERHILL, MA

ISSUED FOR APPROVAL

Aug 8 2024

REV

DESCRIPTION

DATE

CHECK

DRAWN

REV

DATE

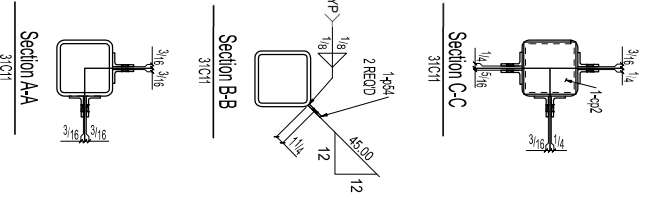
SG

DSOL

S24-859

31

31C11-C



CONSENTINO
MIDDLE SCHOOL
HAVERHILL, MA

ISSUED FOR APPROVAL

Aug 8 2024

REV

DESCRIPTION

DATE

CHECK

DRAWN

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DATE

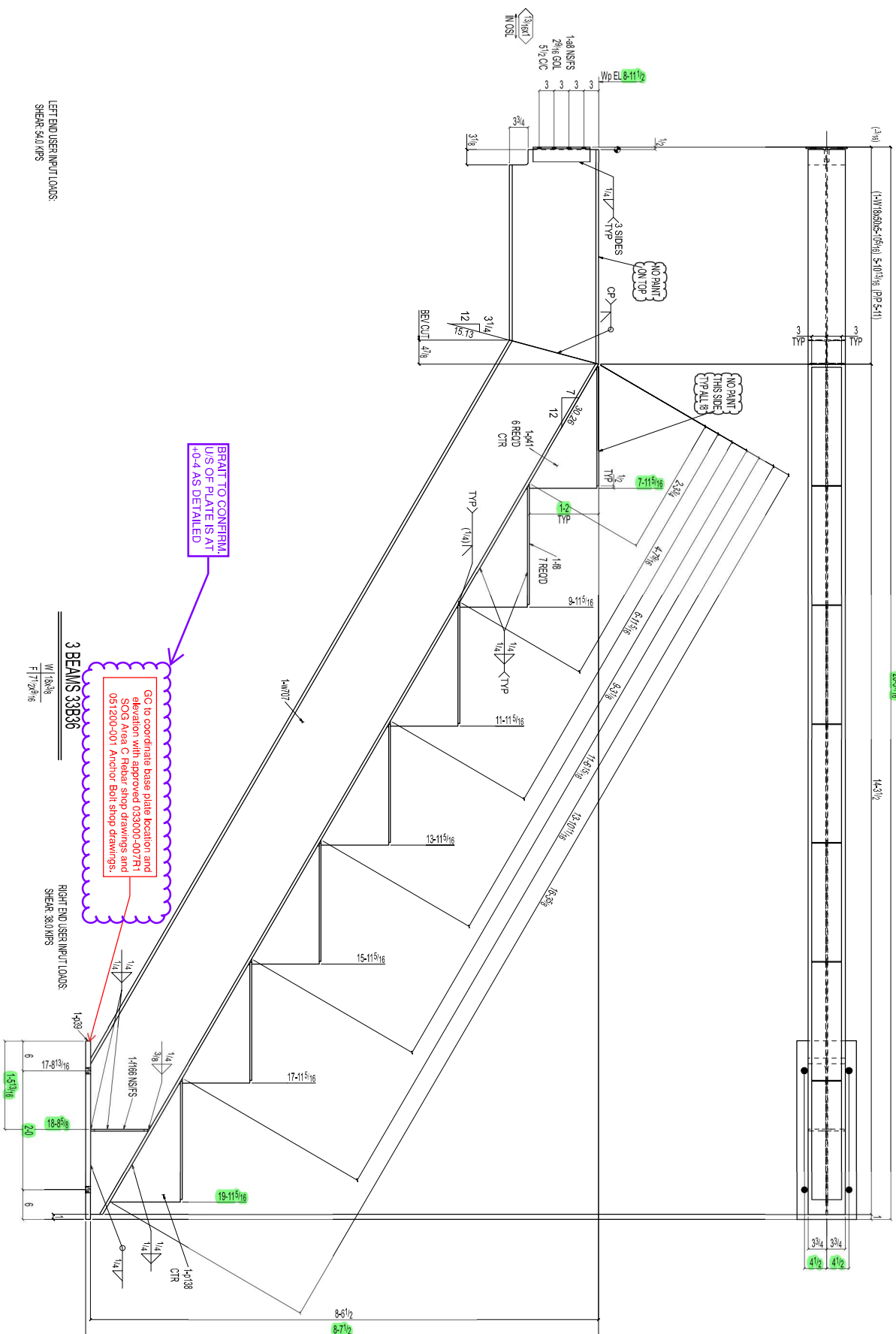
SG

DSOL

S24-859

31

31C11-C



LEFT END USER INPUT LOADS:
SHEAR: 54.0 KIPS

3 BEAMS 33B36
W 18x38
F 70, 28k

GC to coordinate base plate location and elevation with approved 033000-007R1 SOG Area C Rebar shop drawings and 051200-001 Anchor Bolt shop drawings.

BRAT TO CONFIRM, US OF PLATE IS AT +0.4 AS DETAILED

RIGHT END USER INPUT LOADS:
SHEAR: 38.0 KIPS

MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT	MARK	QTY	DESCRIPTION	LENGTH	PAINT	STEEL	WEIGHT
33B36	3	W18x38	5'-10 3/16	PP-2		4650			FIELD BOLTS				
									24 T/C-A228N	0'-1 1/4			
W077	3	W18x50	16'-7 3/16	A992		879							
88	6	L4x8x1/8	0'-11 1/2	A36		41							
128	3	PL1x12	3'-0	A57-50		363							
141	18	PL3/8x3/8	1'-11 3/8	A57-50		622							
138	3	PL3/8x4 1/8	1'-11 3/8	A57-50		108							
1788	6	FL3/8x1 1/2	0'-11 3/8	A57-50		26							
18	21	FL3/8x6	1'-11 3/8	A57-50		320							

GENERAL NOTES

- HAND TIGHT SHOP BOLTS UNO
- MARK CENTER OF GRAVITY
- WELDS LOW H/D, E70XX
- STD HOLES 1 1/8 DIA UNO
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

PROJECT

CONSENTINO
MIDDLE SCHOOL
HAVERHILL, MA

CHECK

SG

DRAWN

DSOL

REV

2

DATE

S24-859

ISS

33

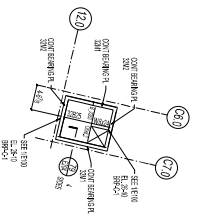
ISSUED FOR APPROVAL

DATE

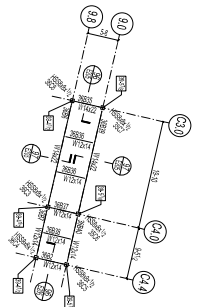
Aug 8 2024

NORGATE

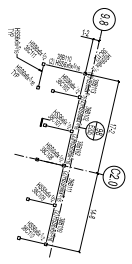
720 Washington St
P.O. Box 855888
Portland, ME 04108



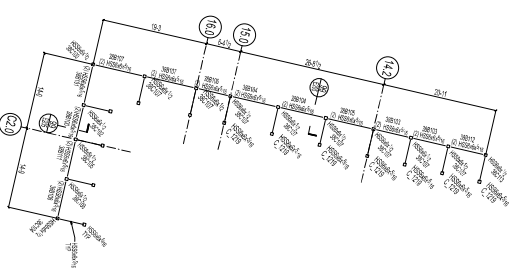
ELEVATOR ROOF PART PLAN
1



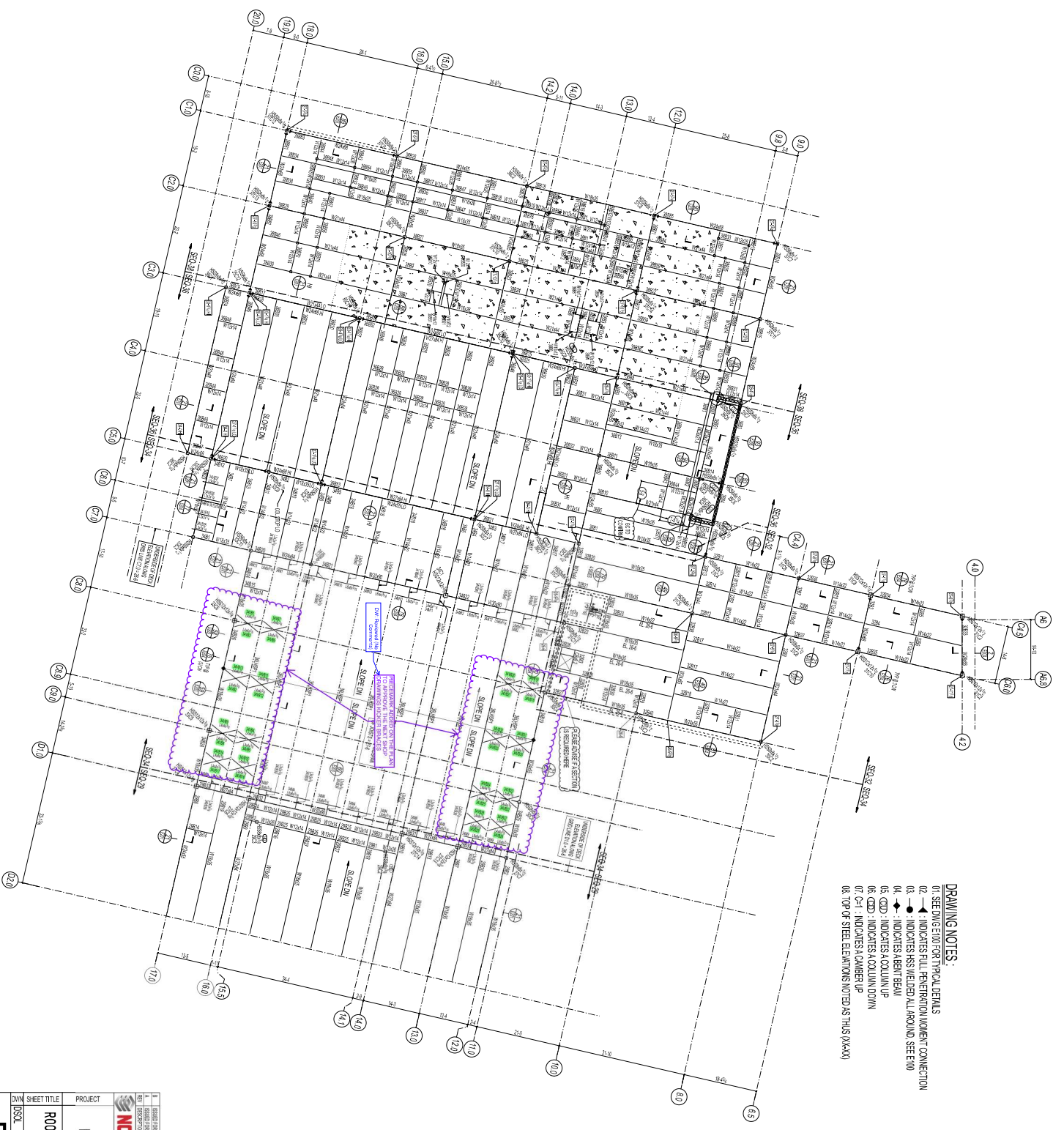
STAIR ROOF PART PLAN
2



SCREENWALL PART PLAN
3



SCREENWALL PART PLAN
4



- DRAWING NOTES:**
- 01: SEE DING E100 FOR TYPICAL DETAILS
 - 02: ——— INDICATES FULL PENETRATION MOMENT CONNECTION
 - 03: ——— INDICATES HAS WELDED ALL AROUND, SEE E100
 - 04: ——— INDICATES A BENT BEAM
 - 05: (C/D) INDICATES A COLUMN UP
 - 06: (C/D) INDICATES A COLUMN DOWN
 - 07: C/H INDICATES A COLUMN UP
 - 08: (C/D) INDICATES A COLUMN DOWN
 - 09: (C/D) INDICATES A COLUMN UP
 - 10: (C/D) INDICATES A COLUMN DOWN
 - 11: (C/D) INDICATES A COLUMN UP
 - 12: (C/D) INDICATES A COLUMN DOWN
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 - 98: (C/D) INDICATES A COLUMN DOWN
 - 99: (C/D) INDICATES A COLUMN UP
 - 100: (C/D) INDICATES A COLUMN DOWN

NOBISGATE

CONSISTENT
MIDDLE SCHOOL
HAVERHILL, MA

ROOF FRAMING PLAN

AREA C

E133

SHEET TITLE

PROJECT

NOBISGATE

CONSISTENT

MIDDLE SCHOOL

HAVERHILL, MA

NOBISGATE

CONSISTENT

MIDDLE SCHOOL

HAVERHILL, MA