



PROJECT: DCSD 2021 CIP - Parker Package **CONTRACTOR:** Mark Young Construction
DATE: July 23, 2021 **CHANGE ORDER #:** 14

This contract shall be changed as follows:

CHANGES:

- 1. PLN COR #21 - CCD #7 Structural Steel Revisions \$111,493.00

TOTAL CHANGE ORDER: \$111,493.00

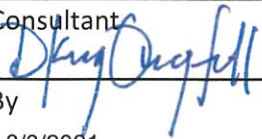
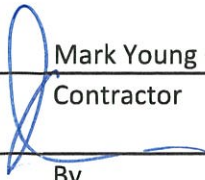
By signing below the contractor acknowledges acceptance of this change order as full compensation to the Contractor for all costs related in any way to this work and its effect on other work already contracted for.

CONTRACT STATUS:

Original Contract Sum	\$18,343,732.00
Previous Change Orders	\$416,577.00
Current Contract	\$18,760,309.00
This Change Order	\$111,493.00
NEW CONTRACT TOTAL	\$18,871,802.00

The Contract time will be extended by 0
the date of this Change Order is 9/4/2021

NOT VALID until signed by the Contractor, Architect, and Owner, and approved by the School District's Board of Education (if applicable).

LKA Partners	Mark Young Construction	Douglas County School District
Consultant	Contractor	
		
By	By	By
8/3/2021	8/3/2021	
Date	Date	Date

MARK YOUNG



CONSTRUCTION
INCORPORATED

Vía Email: ben.froemming@nv5.com

July 23, 2021

**Douglas County Schools 2021 Parker Package Pine Lane North
NV5**

Attn: Ben Froemming
2650 18th St. Suite 202
Denver, Colorado 80211

Project: **Douglas County Schools 2021 Parker Package Pine Lane North**

Project Number: 211706

Subject: **Change Order Request #21 – CCD #7 Structural Steel Revisions**

Dear Mr. Froemming,

Attached you will find the pricing and backup for the additional work directed in CCD #7 and associated work for additional Structural steel reinforcing. Pursuant to the subject matter above, Mark Young Construction Inc. is providing the cost and associated backup to incorporate the following changes as specified in the attached documents. This pricing is valid for 10 business days, acceptance after that time may require the cost and time to be revisited.

The cost to incorporate these changes are: **\$111,493.00**
Add of: **One Hundred Eleven Thousand Four Hundred Ninety-Three Dollars and Zero Cents.**

Please review and contact us with any questions or if you need additional information.

Sincerely,

Brian Kennedy
Project Engineer
303-710-6088
bkennedy@markyoungconstruction.com

Attachments: cost summary, subcontractor backup, CCD #7.

cc:

ben.froemming@nv5.com

211706-F-1.2

COR #21

District response, please sign as appropriate:

- Approved, Proceed as submitted
- Rejected, Do not proceed, provide comments
- Other, Do not proceed, provide comments

Project Manager Signature

Date

MARK YOUNG CONSTRUCTION, INC.

CHANGE ORDER NO.21

PROJECT NAME: DCSD Pine Lane North

PROJECT NUMBER: 211706

CHANGE ORDER REQUEST SUMMARY

CCD#7, Structural Revisions

COST CODES	ACTIVITY DESCRIPTION	AMOUNT	TOTALS
	MYC LABOR		
	MYC Clean up ~ 12 Hours	\$ 540	
	Demo Cap above casework ~ 2 Hours	\$ 90	
	Floor Protection Repair ~ 32 Hours	\$ 1,440	
	Repair Wood Cap ~8 Hours	\$ 360	
	MYC LABOR TOTAL		\$ 2,430
	MYC MATERIAL		
	Repair wood Cap	\$ 100	
	Floor protection (Ram Board & box of Tape)	\$ 250	
	MYC MATERIAL TOTAL		\$ 350
	MYC EQUIPMENT		
	MYC EQUIPMENT TOTAL		\$ -
	<i>SUBTOTAL</i>		\$ 2,780
	SMALL TOOLS	\$ -	
	PAYROLL TAXES & INSURANCE	\$ 1,045	
	GENERAL CLEANUP	\$ -	
	DELIVERY	\$ -	
	DRAWINGS & SPECS	\$ -	
	<i>SUBTOTAL</i>		\$ 3,825
	MYC OVERHEAD & PROFIT @ 3.0%		\$ 115
	SUBTOTAL MYC WORK		\$ 3,940

MARK YOUNG CONSTRUCTION, INC.

CHANGE ORDER NO.21

PROJECT NAME: DCSD Pine Lane North

PROJECT NUMBER: 211706

CHANGE ORDER REQUEST SUMMARY

CCD#7, Structural Revisions

COST CODES	ACTIVITY DESCRIPTION	AMOUNT	TOTALS
SUBCONTRACTOR COSTS			
	<u>Allen's Builders</u> Steel reinforcing @ Grid A, E, & L; Add for E&L. Credit for A. Shop Drawing changes and CCD #7.	\$ 83,339.70	
	<u>Adobe Construction</u> Framing & Drywall, Adhered Ceiling Install; @ E & L line	\$ 6,798.50	
	<u>Engineered Demolition</u> Removal of drywall systems @ E & L line Removal of drywall high loft L line	\$ 1,480 \$ 2,950	
	<u>Wayne's Electric</u> Remove and Re-install conduit L line	\$ 257	
	<u>Braconier</u> Remove and Placeback Hot and Cold water piping in Kitchen	\$ 1,041	
	<u>Brighten Up</u> Price to paint new cap in band room	\$ 175	
	SUBCONTRACTOR TOTAL		\$ 96,041.20
	MYC OVERHEAD & PROFIT @ 10.0%	\$ 9,605.00	
	<i>SUBTOTAL</i>		<i>\$ 105,646.20</i>
	SUBTOTAL (DIRECT COSTS)		\$ 109,586.20
	BUILDER'S RISK INSURANCE - .16%	\$ 175	
	LIABILITY INSURANCE - .55%	\$ 603	
	MYC BOND - 1.03%	\$ 1,129	
	SUBCONTRACTOR BOND - N/A	\$ -	
	PERMIT FEES - N/A	\$ -	
	SALES TAX - N/A	\$ -	
	CONTRACTOR CONTINGENCY - N/A	\$ -	
	PROPOSED CHANGE TOTAL		\$ 111,493

Allen Builders

Phone:719-301-0669

Change Order Proposal

To: MYC - Pine Lane Intermediate Elem.

From: Jerred Young

Name: Rich Jacobs

Date: 7/10/2021

Change # 6 (RFI#26)

Scope: Add L3x3x1/2 with full length cut heel, add plates along gridline E and L.

Material:

E Line - 240 Lf L3x3x1/2= \$2165.76

L Line - 280 Lf L3x3x1/2 = \$2562.72

Total= \$4728.48

Shop Labor/Paint:

E Line - 18 hrs @ \$75 per hour = \$1350.00

L Line - 21 hrs @ \$75 per hour = \$1575.00

Shop Primer - 520 Lf angle = \$472.85

Total= \$3397.85

Field labor and equipment:

E Line - 168 hrs @ \$100 per hour = \$16800.00

L Line - 196 hrs @ \$100 per hour = \$19600.00

Equipment- 2 lifts @ \$296 per week x 2 weeks= \$1184.00

Total= \$37584.00

Sub Total= \$45,237.48

10% OHP = \$4,523.75

Grand Total CO #6 = \$49,761.23

Exclusions: As discussed, not responsible for distortion due to all of the heat being applied to only one side of the beam locations per EOR detail. EOR doubled the plate locations shown on drawings along grid L.

**CCD7 rev. 1
CO#7 Breakout**

	A	B	C	D	E	F	G	H	I
1		Qty	LF weld	Material Cost	Shop labor	field Labor hrs	Field Labor cost	Shop Primer	Total
2	B/C- Line changes								
3	Add L3x3x3/8 Top/Bot chord of both sides @ 104C1	8	8	\$138.24	x	20	\$2,000.00	x	\$2,138.24
4	Add L3x3x3/8 Top/Bot chord of both sides @ 104C2	8	8	\$138.24	x	20	\$2,000.00	x	\$2,138.24
5	D-Line changes								
6	Add L3x3x3/8 Top/Bot chord of both sides @ 105C1	4	8	\$138.24	x	10	\$1,000.00	x	\$1,138.24
7									
8	F/H-Line changes								
9	Add L3x3x3/8 Top/Bot chord of both sides @ 105C2	8	8	\$138.24	x	20	\$2,000.00	x	\$2,138.24
10	Add L3x3x3/8 Top/Bot chord of both sides @ 105C3	8	8	\$138.24	x	20	\$2,000.00	x	\$2,138.24
11	Add L3x3x3/8 Top/Bot chord of both sides @ 106C3	8	8	\$138.24	x	20	\$2,000.00	x	\$2,138.24
12									
13	G-Line changes								
14	Add L3x3x3/8 Top/Bot chord of both sides @ 106C1	4	8	\$138.24	x	10	\$1,000.00	x	\$1,138.24
15	Add L3x3x3/8 Top/Bot chord of both sides @ 106C2	4	8	\$138.24	x	10	\$1,000.00	x	\$1,138.24
16	Add L3x3x3/8 Top/Bot chord of both sides @ 102C2	4	8	\$138.24	x	10	\$1,000.00	x	\$1,138.24
17									
18	J-Line changes								
19	Add L3x3x3/8 Top/Bot chord of both sides @ 107C3	4	8	\$138.24	x	10	\$1,000.00	x	\$1,138.24
20	Add L3x3x3/8 Top/Bot chord of both sides @ 103C1	4	8	\$138.24	x	10	\$1,000.00	x	\$1,138.24
21	Add L3x3x3/8 Top/Bot chord of both sides @ 103C2	4	8	\$138.24	x	10	\$1,000.00	x	\$1,138.24
22									
23	K-line Changes								
24	Add 1/2 plate @ 117C1	1	2.5	\$15.32	x	2.5	\$250.00	x	\$265.32
25	Add L3x3x3/8 Top/Bot chord of south side @ 117C1	2	4	\$69.12	x	5	\$500.00	x	\$569.12
26	Add L3x3x5/16 angle @ 117C1	4	8	\$117.12	x	10	\$1,000.00	x	\$1,117.12
27	Remove 2 web members @ 119C1 (note D)	2	cut	x	x	5	\$500.00	x	\$500.00
28	Add L3x3x3/8 Top/Bot chord of both sides @ 119C1	4	8	\$138.24	x	10	\$1,000.00	x	\$1,138.24
29	Add L2-1/2x2-1/2x3/8 vertical web angles @ 119C1 (note G)	4	8	\$113.28	X	10	\$1,000.00	x	\$1,113.28
30	Add L2-1/2x2-1/2x1/4 sister web angles @ 102C3 (note C)	4	6	\$78.72	x	10	\$1,000.00	x	\$1,078.72
31	Add L2-1/2x2-1/2x3/8 vertical web angles @ 102C3 (note G)	4	8	\$113.28	x	10	\$1,000.00	x	\$1,113.28
32	Add L2-1/2x2-1/2x3/8 vertical web angles @ 119C2 (note G)	4	8	\$113.28	x	10	\$1,000.00	x	\$1,113.28
33	Remove 2 web members @ 119C2 (note D)	2	cut	x	x	5	\$500.00	x	\$500.00
34	Remove 1 web members @ 103C3 (note D)	1	cut	x	x	2.5	\$250.00	x	\$250.00
35	Add L2-1/2x2-1/2x3/8 web angle @ 103C3 (note B)	2	4	\$56.64	x	5	\$500.00	x	\$556.64
36									
37	Totals	102	152.5	\$2,473.88	0	255	\$25,500.00	\$800.00	\$800
38									
39	Equipment		# Weeks	Cost per Week					
40	Scissor lifts	3	2	\$292.00					\$1,752.00
41									
42								Sub Total	\$30,525.88
43								10% OHP	\$3,052.59
44									
45								Grand Total	\$33,578.47

	CO#6 breakout (RFI#26)							
	qty	LF weld	Material Cost	Shop labor	Field Labor hrs	Field Labor cost	Shop Primer	Total
Added L3x3x1/2 w/cut heel								
E-Line (remove 2 bolt at top chord each ext. joist location for install)	240	240	\$2,165.76	\$1,350.00	168	\$16,800.00	\$216.58	\$20,315.76
L-Line (remove 2 bolt at top chord each ext. joist location for install)	280	280	\$2,562.72	\$1,575.00	196	\$19,600.00	\$256.27	\$23,737.72
Totals	520 Lf	520 Lf	\$4,728.48	\$2,925.00	364	\$36,400.00	\$472.85	
Equipment (2 lifts for two weeks)	2		\$296 per week					\$ 1,184.00
							Sub Total	\$45,237.48
							10% OHP	\$4,523.75
							Grand Total	\$49,761.23



Proposal

Personal - (720) 633-0441
Office - (303) 388-3639
Fax - (303)388-4378

Project Name: PINE LANE RFI #26 Proposal
Proposal Submitted To: Mark Young Construction
Street: 7200 Miller Pl
City, State, Zip: Frederick Co. 80504
Phone: 3023-776-1449
Date: 7/13/21

We hereby submit specifications and estimates for:

-FRAME/DRYWALL:

Repair any framing in High loft ceiling and drywall, in two sections app 200 sq ft, grid L, repair all framing in corridor and bathroom 158 grid E app 120Sq ft Including drywall, Finish on bathroom ceiling to be level 4, Replace adhesive ceiling tiles app 32 Sq Ft,

MATERIALS:

Steel studs, type x GB and Drywall Mud,
adhesive ceiling tiles.....1,250.00.

LABOR:

Framing and drywall installation 40HR 2 workers.....2,600.00.
Drywall finisher 32HR.....2,080.00.
Ceiling installation 8HR.....520.00.

O&P 5%.....348.50.

We propose hereby to furnish material and labor – complete in accordance with specifications below, for the sum of: 6,798.50

All material is guaranteed to be as specified. All work is to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications below involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance.

Note: This proposal may be withdrawn by us if not accepted within 10 days.

Authorized Signature: Miguel Ramos

Owner Acceptance:

ALL MATERIALS, AND LABOR IS INCLUDED ON THIS PROPOSAL

Acceptance of Proposal – the above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Payment will be made as outlined above.

Signature: _____ Date: _____



Proposal for Selective Demolition

PLN CCD #7

6485 E. Ponderosa Dr. Parker, CO 80138

7/14/2021

PREPARED FOR: MYC

Attn: **Brian Kennedy**

Via email: bkennedy@markyoungconstruction.com

SCOPE OF WORK: Demo and dispose of:

- Grid L High Loft Ceiling
- Haul Away/Recycle Debris
- (1) Mobilization

BASE BID: \$2,950.00

Demo and dispose of:

- Corridor/Bathroom Ceilings
- Haul Away/Recycle Debris
- (1) Mobilization

BASE BID: \$1,480.00

ALTERNATES: • N/A

- QUALIFICATIONS:**
- Day work is assumed. Weekend work excluded
 - Only demolition work listed in the scope of work above is included

- EXCLUSIONS:**
- Shoring and/or Bracing
 - Lintel Installation
 - Layout
 - Structural Work of Any Kind
 - Protection of Existing Conditions
 - Permits
 - Floor prep or glue removal, and wall prep
 - M.E.P. demo or haul-away
 - Disconnect or capping of any existing utilities
 - Sampling, testing, removal and/or disposal of hazardous or potentially contaminated materials. Such materials include, but are not limited to, asbestos containing materials, chemicals, refrigerants, PCBs, and lead-based paint.





Respectfully submitted,

Ben Emanuelson

Estimator – Project Manager | Engineered Demolition, Inc.

mobile 303-880-1141 | bmanuelson@engineereddemo.com

CHANGE ORDER

WAYNE'S ELECTRIC INC.

2101 Weld County road 27
Fort Lupton, Colorado 80621
PHONE: 659-7481
FAX: 654-0877

CHANGE TO: MARK YOUNG CONSTRUCTION
ATTENTION: DUANE KRUEGER
JOB LOCATION: PINE LANE NORTH
DATE: 7/16/2021

CHANGE ORDER NUMBER: COULUMN LINE L

WE HEREBY AGREE TO MAKE THE CHANGE(S) SPECIFIED BELOW
PLEASE SEE ATTACHED

NOTE: THIS CHANGE ORDER BECOMES PART OF AND IN CONFORMANCE WITH THE CONTRACT:

WE AGREE TO MAKE THE CHANGE(S) SPECIFIED ABOVE AT THIS PRICE: ADD \$257.00

DATE: July 16, 2021

AUTHORIZED SIGNATURE(CONTRACTOR):

ACCEPTED:

DATE OF ACCEPTANCE:

SIGNATURE(OWNER):

Job ID: 3200175
Project: PINE LANE INTERMEDIATE



IntelliBid

CO: CO-0011: COLUMN LINE L

Summary by Item Number

Vendor: TRADE/3-COL

Labor Level: LABOR 2

16 Jul 2021 12:28:07

Item #	Size	Description	Q/M	Quantity	U/M	Mat Unit	Mat Result	Lab Unit	Lab Result	Quo Unit	Quo Result
380053	1/2	REMOVE EXISTING CONDUIT	M	20.00	FT	0.0000	0.00	0.0300	0.60	0.0000	0.00
380069	12	EXISTING WIRE TO PULL OUT	M	120.00	FT	0.0000	0.00	0.0060	0.72	0.0000	0.00
380094	2 x 4	REMOVE EXISTING FLUORESCENT FIXTURE	M	1.00	EA	0.0000	0.00	0.6000	0.60	0.0000	0.00
380103		REHANG EXISTING FLUORESCENT FIXTURE	M	1.00	EA	0.0000	0.00	0.9000	0.90	0.0000	0.00
Phase/Group totals:							0.00		2.82		0.00
Job totals:							0.00		2.82		0.00

Grand Material, Quote, Equipment, and Subcontract Total: 0.00

Job ID: 3200175
Project: PINE LANE INTERMEDIATE



IntelliBid

CO: CO-0011: COLUMN LINE L

Change Order Summary

Vendor: TRADE/3-COL **Labor Level:** LABOR 2 **16 Jul 2021 12:29:02**

Tax Rate status: Default **Bid Name:** BASE BID **Bid Template:** BASIC (EXPANDED O&P)

Drawing	Phase	Quote \$	Material \$	Equip \$	SubCon \$	Labor Hrs
	FIXTURES	0.00	0.00	0.00	0.00	2.82
Sheet Totals:		0.00	0.00	0.00	0.00	2.82
Tax:		0.00	0.00	0.00	0.00	

Bid Notes:

Sub Total (Quo/Mat/Equip/Sub): 0.00

TAX RATES

Material:	0.0000%
Quote:	0.0000%
Labor:	0.0000%
Equipment:	0.0000%
Subcontract:	0.0000%
Job:	0.0000%

Sales Tax: 0.00

Sub Total: 0.00

Direct Labor \$: 232.65

Indirect Labor \$: 0.00

Labor Escalation: 0.00

Labor Tax: 0.00

Direct Job Costs (0.00%): 0.00

Prime Cost: 232.65

Overhead (Avg. 5.00%): 11.63

Net Cost: 244.28

Profit (Avg. 5.00%): 12.21

Job Tax: 0.00

Bond (0.0000%): 0.00

Lump Sum: 0.00

Selling Price: 256.50

MISCELLANEOUS

Avg. Lbr. Rate (Cost):	86.63
Avg. Lbr. Rate (Bid):	90.96
Total Square Feet:	1.00
Cost Per Sq. Ft.:	256.50
Labor \$ Per Sq. Ft.:	232.65
Labor Hrs Per Sq. Ft.:	2.82
Quantity of Units:	1.00
Cost Per Unit:	256.50
Calc. Adjustment:	0.00%



DESIGN BUILD
MECHANICAL CONSTRUCTION
FABRICATION
SERVICE & MAINTENANCE

Date: 7/20/2021

To: Rich Jacobs
MYC

Braconier Plumbing and Heating is in receipt of the following document:
CCD No. 7 - Domestic Hot and Cold Water Piping R/R

Remove and Replace Domestic Hot and Cold Water Piping

Exclusions:

- Saw cut
- concrete removal
- Insulation

Our price for this change is: \$ 1,041

Please advise on the status of this change at your convenience. Until further notice, we will continue with our contract work.

Sincerely,



Shawn O'Neill
Project Manager

Braconier Plumbing and Heating
CHANGE ORDER PROPOSAL REQUEST SUMMARY

Date: 7/20/2021
 Project Name: DCSD PLN
 Contract / Project No.:
 Description of Change: CCD No. 7

- 0.0% Sales Tax Rate
- 15% Overhead & Profit on Self-Performed Work
- 15% Overhead & Profit on Subcontracted Work
- 1.16% Payment & Performance Bond Rate:
- 0% Textura Usage Fee

Braconier Self-Performed Scope of Work:

	Material	Manhours
Material & Labor Hours per the Attached Takeoff		
Material & Labor Hours per the Attached Equipment Takeoff	\$ 75	6
Material Handling		0
Non-Working Direct Supervision		0
Rental Equipment (scissor lift)	\$ -	
Project Management		2

MATERIAL	Material/Equipment Subtotal:	\$ 75	
	Sales Tax:	\$ -	
	Material/Equipment Total:		\$ 75

LABOR	Labor Manhours:	8	
	Composite Hourly Wage Rate:	\$ 102.45	
	Labor Cost Total:		\$ 820

Braconier Self-Performed Cost Subtotal (Material + Labor):	\$ 895	
Braconier Self-Performed Overhead & Profit:	\$ 134	
Braconier Self-Performed Total:		\$ 1,029

3rd Tier Subcontractors:

	Material	Manhours
HVAC Sheetmetal	\$ -	
Mechanical Insulation	\$ -	0
DDC Temperature Controls	\$ -	
Testing, Adjusting, and Balancing	\$ -	
Electrical		
Structural Steel Platform		
Engineering		

3rd Tier Subcontractor Cost Subtotal:	\$ -	
Overhead and Profit on Subcontractors:	\$ -	
3rd Tier Subcontractor Cost Total:		\$ -

Payment & Performance Bond:		\$ 12
Textura Usage Fee:		\$ -

COST PROPOSAL: \$ 1,041

Description	Quantity	Materials	Total Materials	Labor	Total Labor
Demo Piping	1	0 \$	-	2	2
Reinstall hot and cold piping	1	0 \$	-	2	2
Misc. Materials	1	75 \$	75	1	1
Install new flange	0	\$	-	1	0
Field Invistagation	1	\$	-	1	1
	0	\$	-		0
Total		\$	75		6



Brighten Up Painting and Restoration, LLC
2401 South Downing Street
Denver, CO 80210
303-995-6880
info@brightenpainting.com

Change Order
Change Order Number: CO-015
Change Order Date: Jul 21, 2021

Bill To:

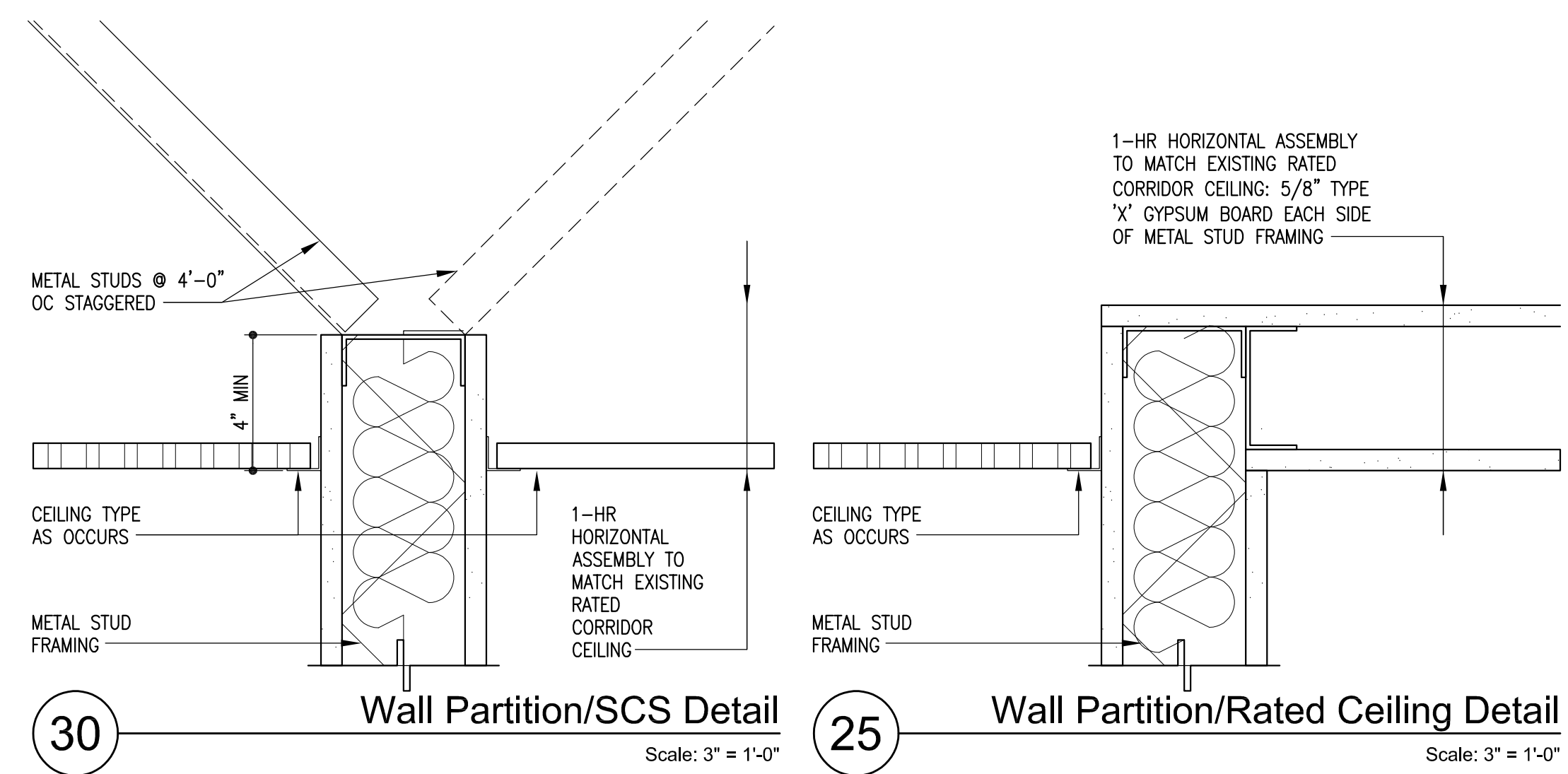
Mark Young Construction, Inc.
7200 Miller Place
Frederick, CO 80504

Job Site:

MULTIPLE LOCCATIONS
PARKER, CO 80504

Reference: DCSD 2021 Parker - 201547

Description		Amount
PLN - PAINT	CAP @ MUSIC ROOM	175.00
124		
Total:		<u>\$175.00</u>



Ceiling Legend	
EXISTING PARTITION WALL	MECHANICAL GRILLE
EXISTING GYPSUM BOARD CEILING	SURFACE MOUNTED LIGHT FIXTURE
EXISTING ADHERED ACOUSTIC TILE CEILING	RECESSED LIGHT FIXTURE
EXISTING SUSPENDED CEILING SYSTEM	RECESSED CAN LIGHT FIXTURE
NEW METAL PANEL SOFFIT	WALL MOUNTED LIGHT FIXTURE
	EXIT LIGHT

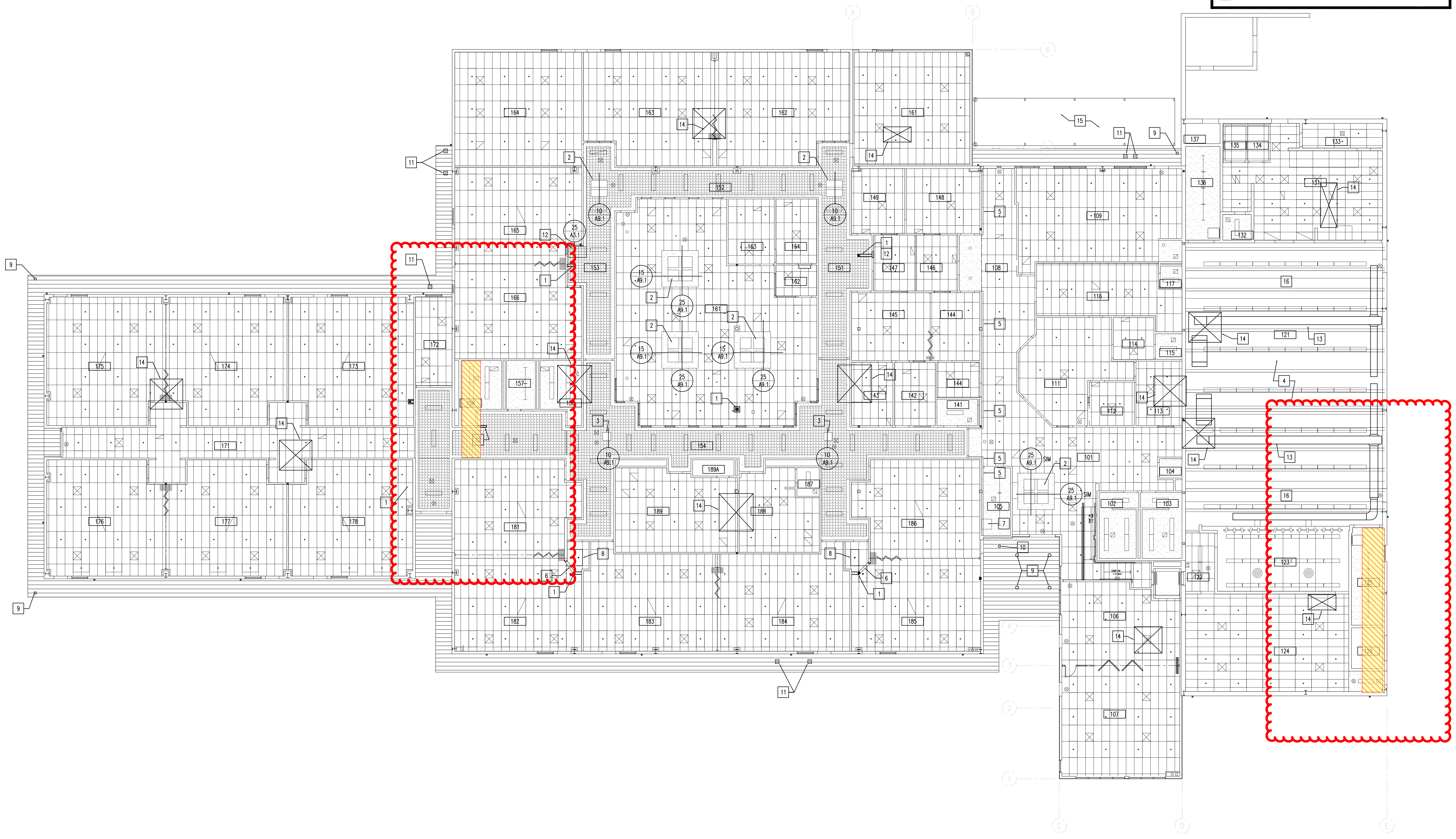
Ceiling Notes

ABBREVIATIONS:
 GB GYPSUM BOARD CEILING PL PLASTER CLG. SYSTEM
 OTS OPEN TO STRUCTURE SCS SUSPENDED CEILING SYSTEM

GENERAL CEILING NOTES:
 A. CEILING PLANS ARE PROVIDED TO SHOW EXISTING CONDITIONS TO BE RESTORED UPON COMPLETION OF OTHER WORK. ALL CEILINGS ARE TO BE INSTALLED BACK AT THE SAME ELEVATION.
 B. REMOVE AND REPLACE SCS GRID AND TILE AND/OR GYPSUM BOARD CEILINGS AS REQUIRED. PATCH AND FINISH TO MATCH EXISTING. SEE STRUCTURAL, MECHANICAL, PLUMBING & ELECTRICAL PLANS FOR LOCATIONS OF WORK.
 C. PAINT ALL (N) GYPSUM BOARD (GB) CEILINGS.
 D. WHERE LIGHT FIXTURES, MECHANICAL DIFFUSERS, OR OTHER ITEMS ARE REMOVED FOR CONCEALED WORK, REINSTALL IN SAME LOCATION; PROVIDE SUPPORT WIRES AT LIGHT FIXTURE CORNERS AS REQ'D BY CODE.
 E. MODIFY SPRINKLER PIPING AS NECESSARY; PAINT (N) EXPOSED SPRINKLER PIPE TO MATCH (E) EXPOSED STRUCTURE; PAINT ALL (N) EXPOSED MECH AND ELEC SERVICES WHERE EXPOSED.
 F. AT AREAS WHERE EXISTING ACCESSIBLE CEILING TILES ARE TO BE REMOVED AS PART OF THE WORK, PROVIDE PAINTED STENCILING AT FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, SMOKE PARTITIONS AND SMOKE PASSAGE CONTROL WALLS IN ACCESSIBLE FLOOR/CEILING OR ROOF/CEILING SPACES AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION; INCLUDE LETTERING NOT LESS THAN 1/2 INCH IN HEIGHT, INCORPORATING THE WORDING: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS."
 G. SECURITY EQUIPMENT INSTALLATION BY OWNER. COORDINATE TIMING WITH OWNER.

- Reflected Ceiling Plan Specific Notes**
- 1 NEW COLUMN (RE: STRUCTURAL). REMOVE AND REPLACE CEILING AS REQUIRED. FINISH TO MATCH EXISTING.
 - 2 NEW ROOF JOIST. REMOVE AND REPLACE SKYLIGHT SHAFT AS REQUIRED. FINISH TO MATCH EXISTING.
 - 3 REMOVE AND REPLACE SKYLIGHT SHAFT GYP BD. EXTEND SHAFT TO RELOCATED SKYLIGHT.
 - 4 PAINT NEW AND EXISTING ROOF JOISTS, NEW ROOF DECK, AND ALL CONDUIT AND MECHANICAL.
 - 5 FIRE WALL. NEW FIRE SEALANT AT TOP OF WALL/ROOF DECK.
 - 6 DOORWAY HEAD AT 7'-0". REFER TO 30/A3.1 FOR WALL/CEILING DETAIL.
 - 7 EXTEND GYP BD SHAFT TO RELOCATED ROOF HATCH.
 - 8 RELOCATE EXISTING LIGHT
 - 9 REMOVE AND REINSTALL LIGHT IN NEW METAL PANEL SOFFIT
 - 10 -- not used
 - 11 REMOVE EXISTING MECH GRILLE PROVIDE NEW GRILLE W/INSECT SCREEN IN NEW METAL PANEL SOFFIT
 - 12 REMOVE EXISTING ADHERED ACOUSTIC TILES AS NECESSARY; INSTALL NEW FOR CONSISTENT APPEARANCE
 - 13 REPLACE EXISTING DUCTWORK - RE: MECHANICAL FOR SIZES & LOCATIONS
 - 14 NEW ROOF MOUNTED MECHANICAL UNIT ABOVE - RE: MECHANICAL
 - 15 PATCH & PAINT WOOD BEAMS AND COLUMNS
 - 16 PAINT BASKETBALL GOAL SUPPORTS

Other areas affected by Structural steel revisions

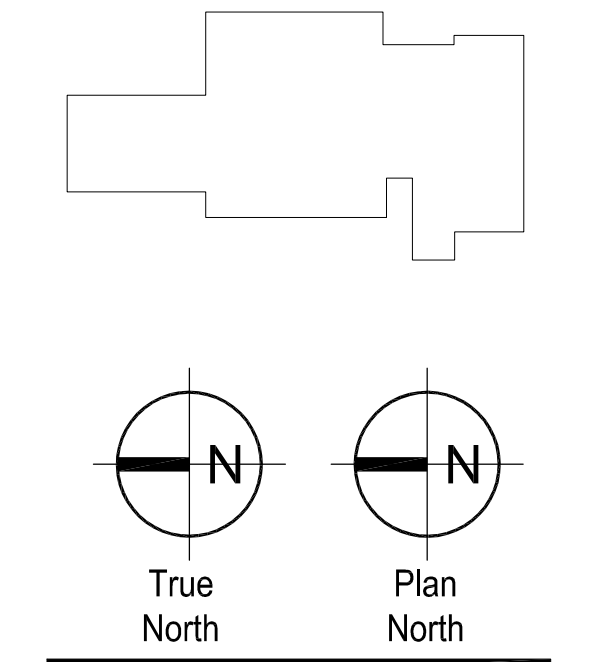


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Construction Set

Drawn: SLH
 Checked: JS
 Issued: 12 February 2021
 Revised:

Area Key Plan



Reflected Ceiling Plan

A3.1

CONSTRUCTION CHANGE DIRECTIVE

LKA PARTNERS
INCORPORATED

PROJECT: Pine Lane Elementary School - North
Douglas County School District 2021 CIP Projects

CONTRACTOR: Mark Young Construction
430 North Tejon Street
Colorado Springs, CO 80903
719/473-8446

PROJECT NO.: 20-005

DATE: 07-06-2021

YOU ARE HEREBY DIRECTED TO MAKE THE CHANGE(S) DESCRIBED BELOW. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE CURRENT CONTRACT DOCUMENTS, INCLUDING BUT NOT NECESSARILY LIMITED TO THE GENERAL AND SUPPLEMENTARY CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, DRAWINGS, SPECIFICATION SECTIONS, ADDENDA, PREVIOUSLY ISSUED FIELD ORDERS, CONSTRUCTION CHANGE DIRECTIVES, MODIFICATION ORDERS, CHANGE ORDERS, RESPONSES TO REQUESTS FOR INFORMATION AND OTHER DOCUMENTS ORDERING CHANGES TO THE WORK OR INTERPRETING THE CONTRACT DOCUMENTS.

CHANGE(S):

1. Work indicated on the drawings including new column. Replace Sheet S4.1, S4.2 and S4.3 with the attached sheets marked 'CCD 7 rev 1 6 July 2021'.

THE TOTAL INCREASE DECREASE TO THE CONTRACT AMOUNT RESULTING FROM THIS CHANGE SHALL BE:

 A FIXED SUM OF \$

DETERMINED IN ACCORDANCE WITH THE PROVISIONS OF THE GENERAL AND SUPPLEMENTARY CONDITIONS OF THE CONTRACT FOR CONSTRUCTION. THE CONTRACT AMOUNT WILL BE ADJUSTED ACCORDINGLY IN A FUTURE CHANGE ORDER.

THE CONTRACT TIME SHALL BE:

UNCHANGED INCREASED BY CALENDAR DAYS

pc: Mykal Hudson, NV5
Duane Krueger, MYC

LKA PARTNERS, INC.

By _____

ACCEPTED BY CONTRACTOR

Mark Young Construction. _____

By _____

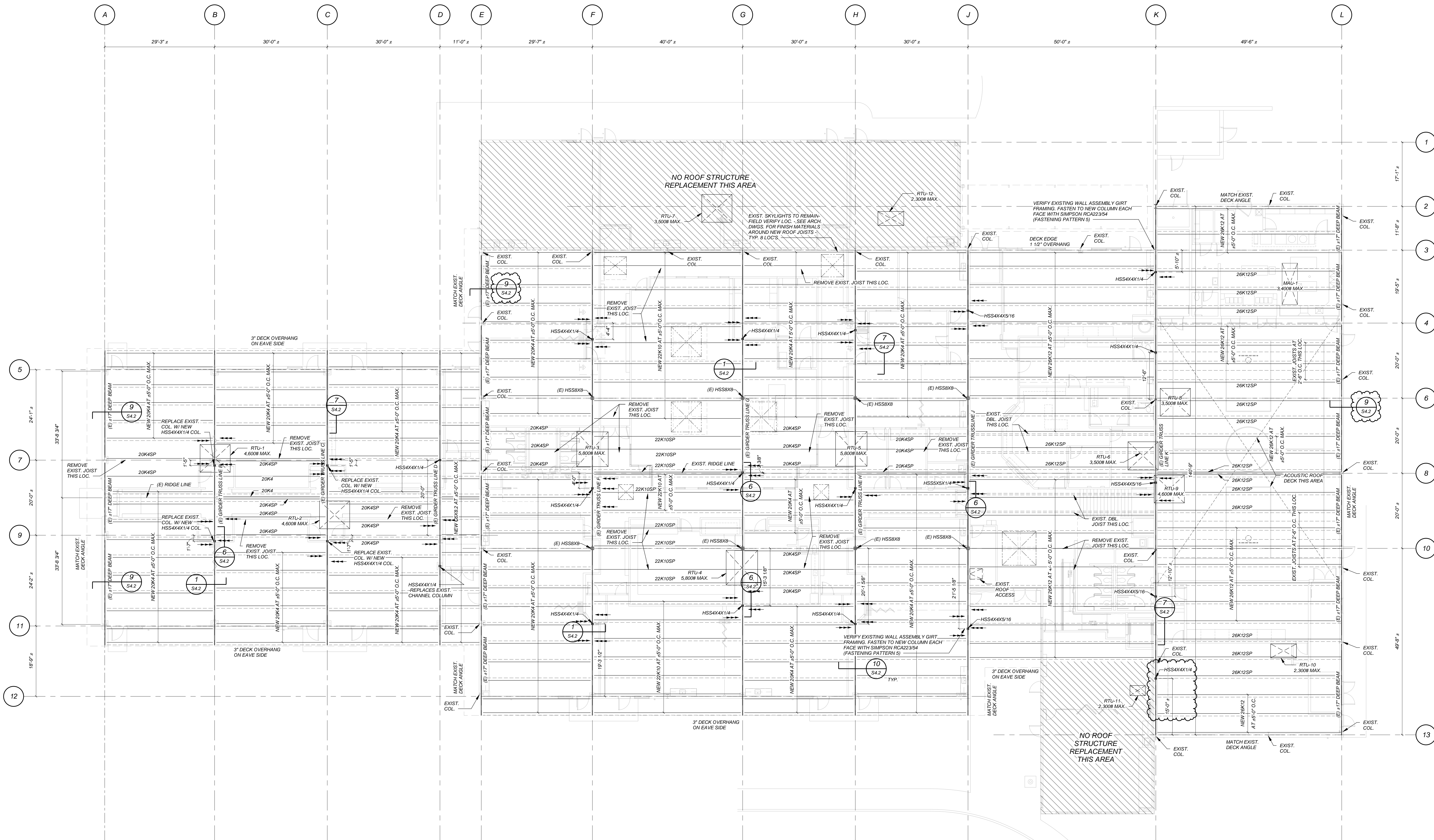
Date _____

APPROVED AND ACCEPTED BY OWNER

Douglas County School District _____

By _____

Date _____



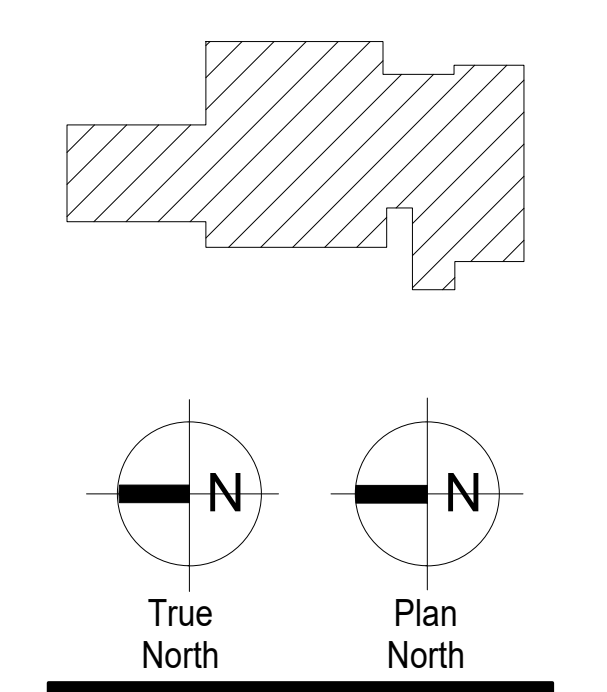
CONSTRUCTION SEQUENCING NOTE:
 CONTRACTOR TO REMOVE ONLY AS MUCH ROOFING PER DAY AS THEY ARE ABLE TO MAKE WEATHER TIGHT AND SECURE AT THE END OF THE WORK DAY. ANY DAMAGE CAUSED BY WEATHER OR OTHER ELEMENTS AS A RESULT OF UNFINISHED ROOFING WILL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL REPLACE/REPAIR ALL DAMAGED, INTERIOR AND EXTERIOR, RESULTING FROM UNFINISHED/UNPROTECTED ROOF CONSTRUCTION.

- ROOF FRAMING PLAN**
 3/2"=1'-0"
- ALL EXISTING FRAMING SHALL BE FIELD VERIFIED.
 - ALL DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION.
 - (---) INDICATES EXISTING ROOF-JOIST, FIELD VERIFY LOCATION AND SPANS.
 - ALL JOISTS SHALL HAVE A 6" DEEP BEARING SEAT TO MATCH EXISTING, FIELD VERIFY PRIOR TO FABRICATION.
 - EDGE OF NEW JOISTS TO BE LOCATED 6" CLEAR OF EXISTING JOIST EDGE - ALTERNATE EACH SIDE OF GIRDER TRUSS, UNLESS NOTED OTHERWISE.
 - ALL NEW SUPPORT COLUMNS SHALL BE HSS4X4X1/4, UNLESS NOTED OTHERWISE. LOCATE NEW COLUMNS IN ARCHITECTURAL PARTITION WALL CENTERLINE WHERE APPLICABLE.
 - SEE S4.2 FOR DECK FASTENING REQUIREMENTS.
 - NEW DECK EDGE LOCATED FROM OUTSIDE FACE OF STRUCTURE.
 - ALL STEEL JOISTS SHALL BEAR A MINIMUM OF 2" 1/2" ON EXISTING GIRDER TRUSS TOP CHORD.
 - EXISTING JOIST TOP CHORD BRIDGING TO BE REMOVED FOR NEW JOIST INSTALLATION, TEMPORARILY SUPPORT BRIDGE TOP CHORD AT 1/4 POINTS MINIMUM DURING ERECTION.
 - PROVIDE JOIST BRIDGING AS REQUIRED PER JOIST MANUFACTURE RECOMMENDATIONS.
 - EXISTING JOISTS AT SKYLIGHT LOCATION CENTERLINES SHALL BE REMOVED AND REPLACED WITH NEW JOISTS AT THE SAME LOCATION.
 - PROVIDE 1 1/2" DEEP, 22-GAUGE (1.584) ACOUSTIC ROOF DECK OVER GYMNASIUM AREA.

Construction Set

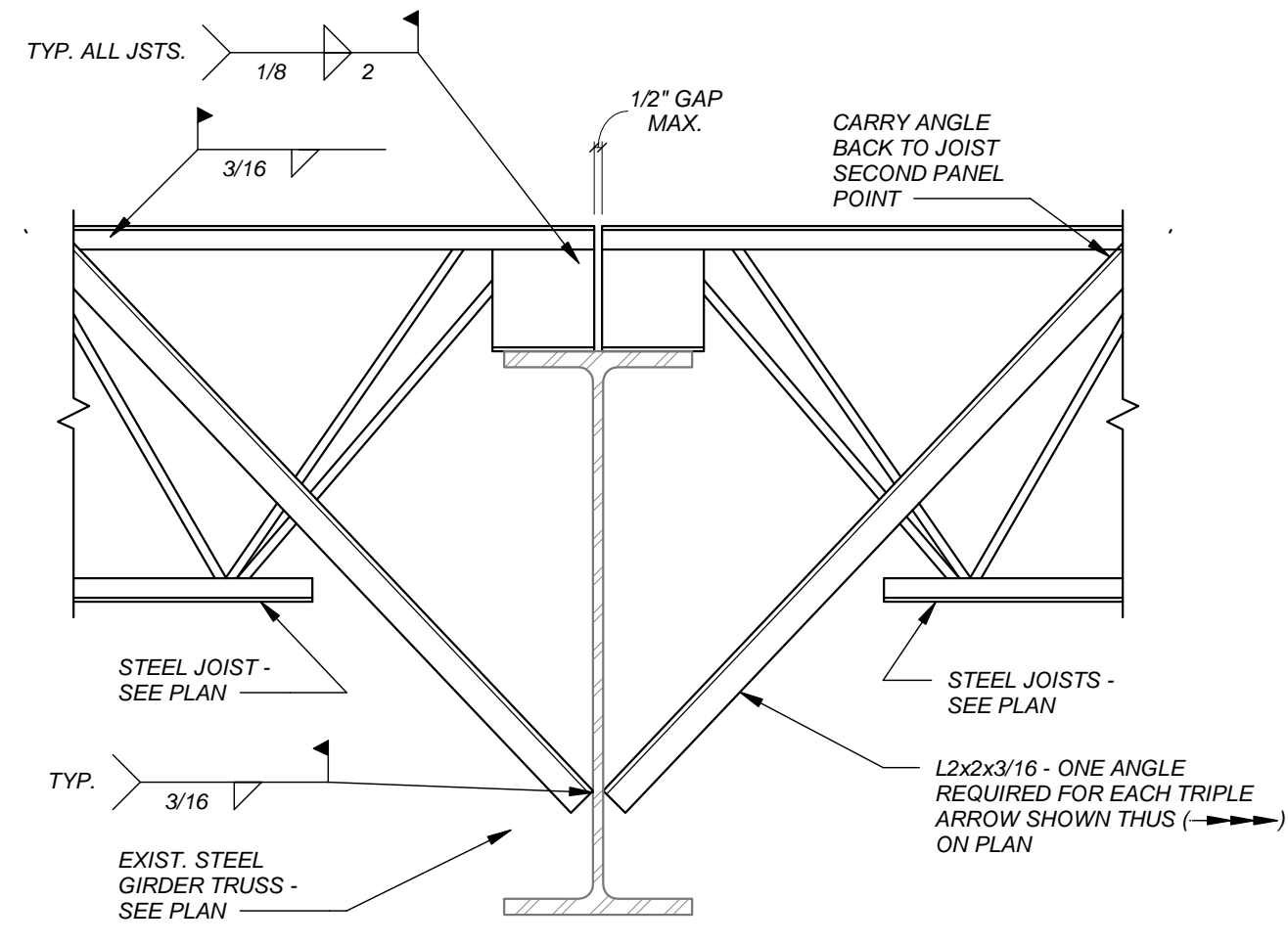
Drawn:	RDB
Checked:	JAK, CBA
Issued:	12 February 2021
Revised:	
CCD4:	24 May 2021
CCD7 Rev 1:	6 July 2021

Area Key Plan

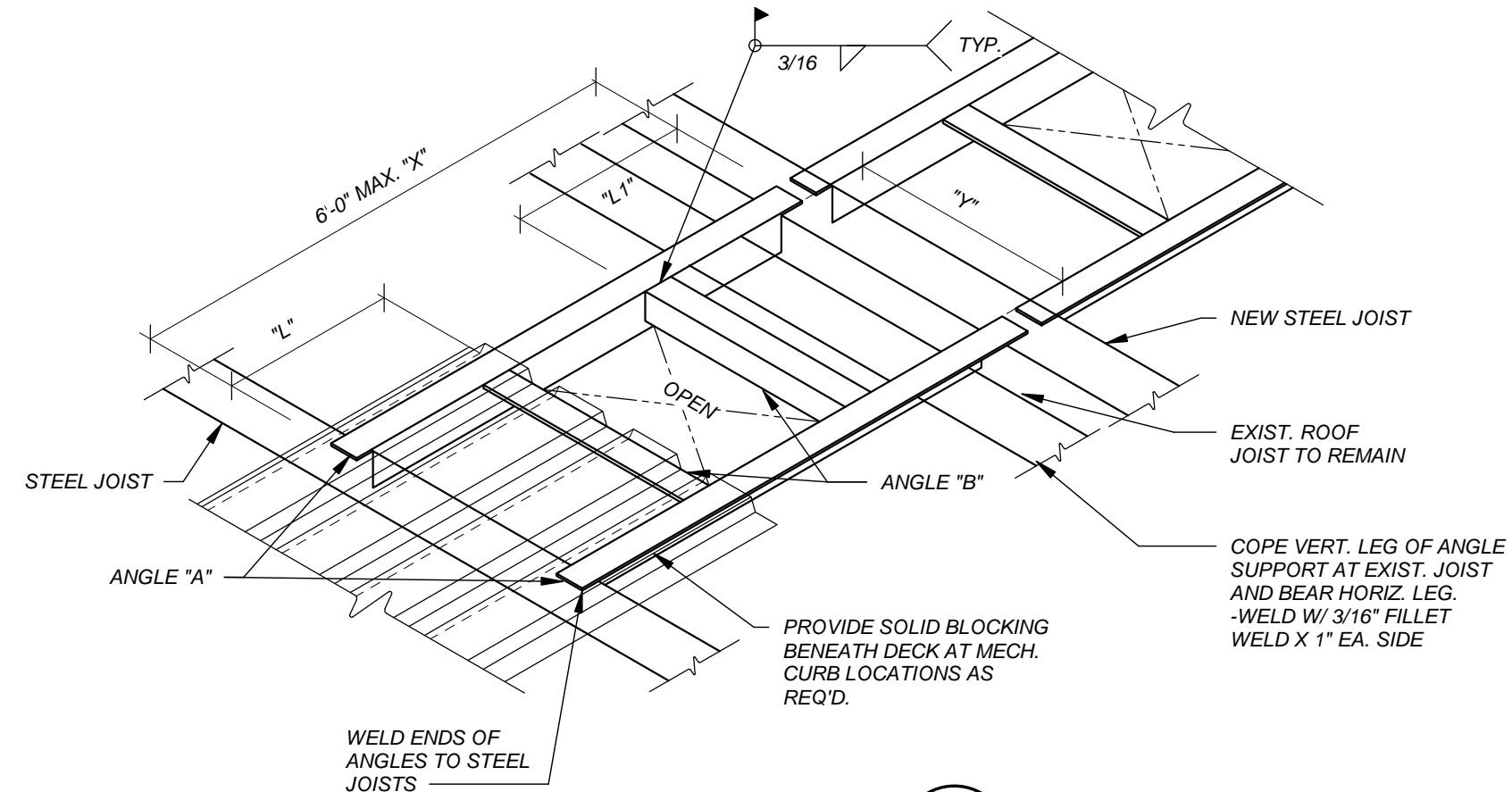


ROOF FRAMING PLAN

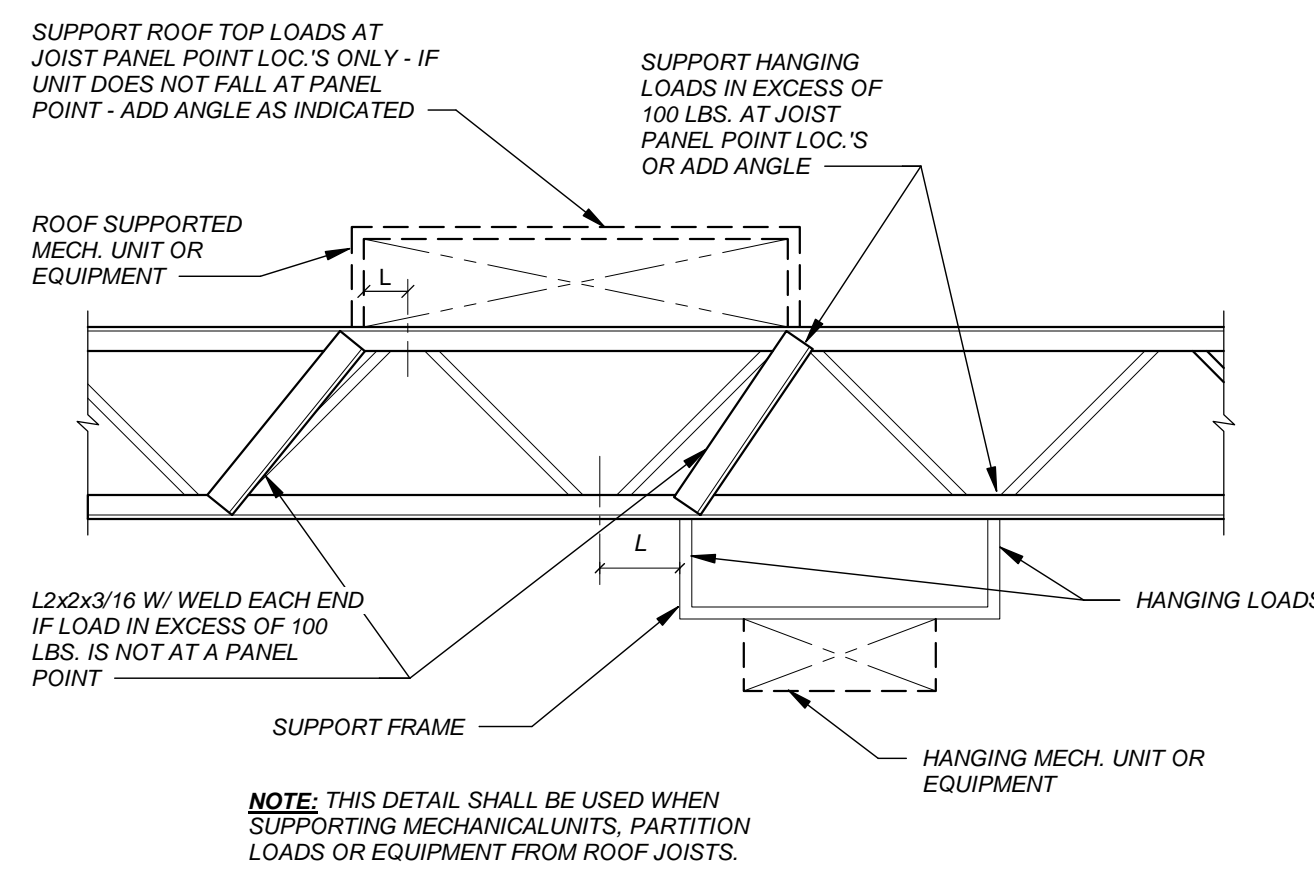
"X" OR "Y" (USE LARGER VALUE)	ANGLE "A"	ANGLE "B"
UP TO 1'-0"	NONE REQUIRED	NONE REQUIRED
UP TO 3'-0"	3x3x3/16	3x3x3/16
UP TO 4'-0"	4x3x1/4 (LLV)	3x3x1/4
UP TO 5'-0"	5x3x1/4 (LLV)	3 1/2x3 1/2x1/4
UP TO 7'-0"	6x3x3/8 (LLV)	4x4x1/4



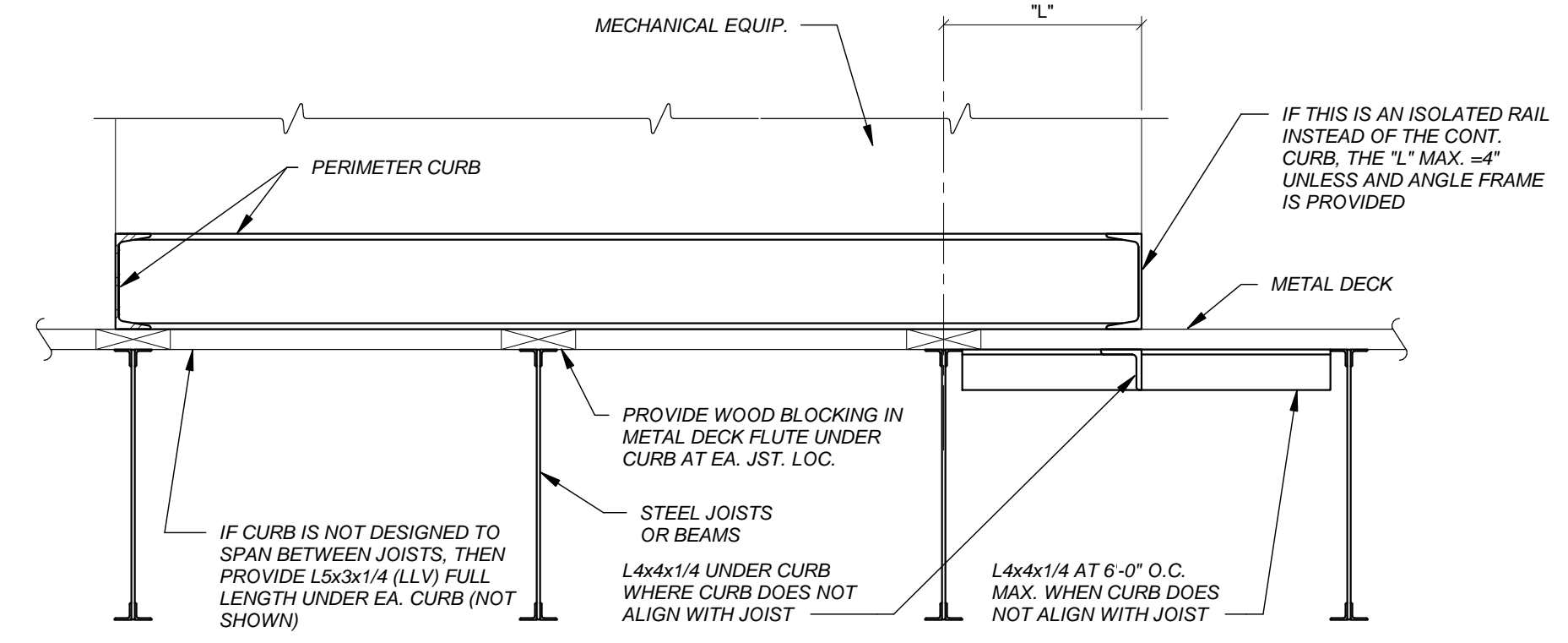
TYPICAL LATERAL BRACING AND JOIST BEARING DETAIL
1' \pm 1'-0"
• DISTANCE BETWEEN ADJACENT BRACES SHALL NOT EXCEED 5'-0" ON CENTER UNLESS NOTED OTHERWISE.



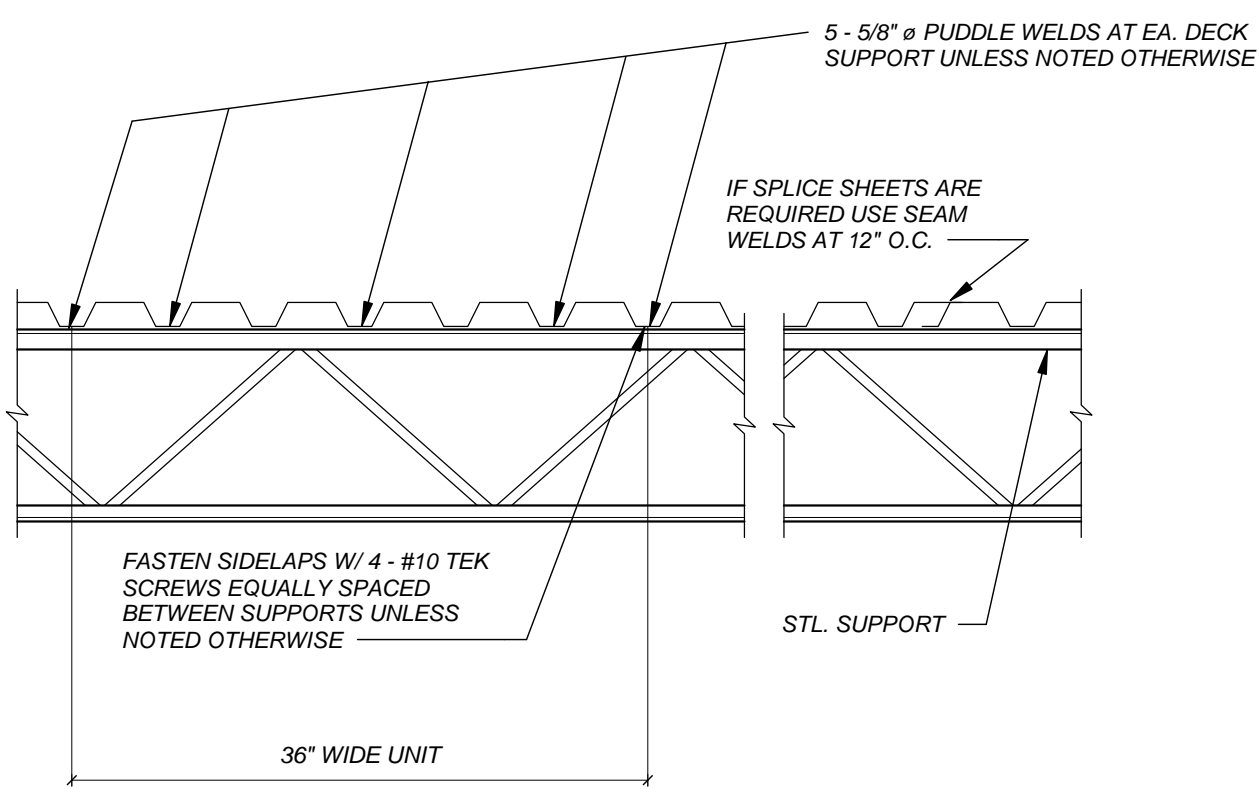
TYPICAL FRAMING AROUND ALL OPENINGS
1' \pm 1'-0"
• USE ABOVE FRAMING AT ALL NEW ROOF OPENINGS IN EXISTING ROOF FRAMING.
• SEE MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF ALL OPENINGS.
• WHERE "X" OR "Y" IS LESS THAN 1'-0" AT ROOF, THE RESPECTIVE ANGLE "B" MAY BE OMITTED.



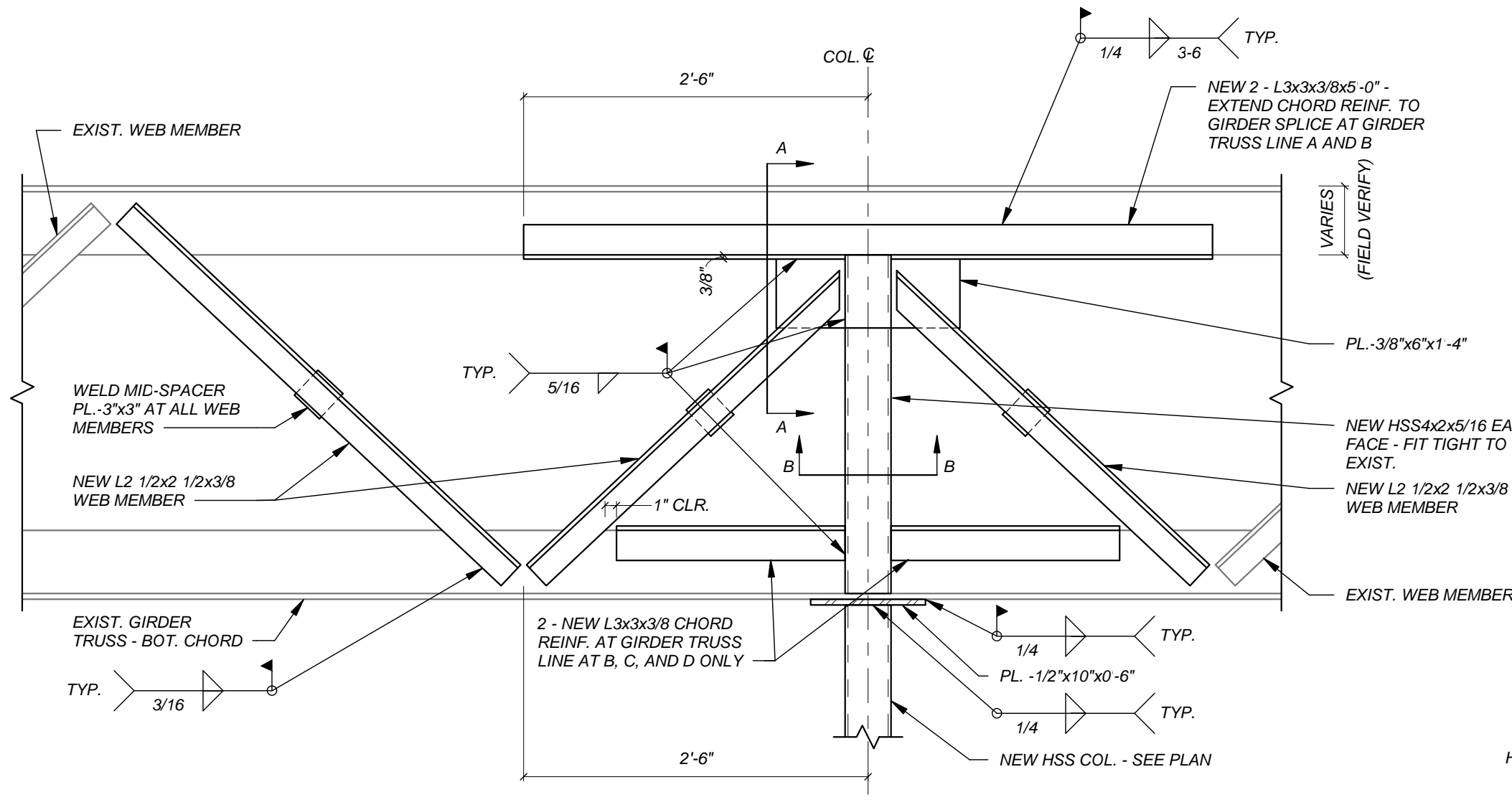
TYPICAL EQUIPMENT SUPPORT DETAIL
1' \pm 1'-0"
• ADDED WEB ANGLE IS REQUIRED WHEN "L" EXCEEDS 4'.



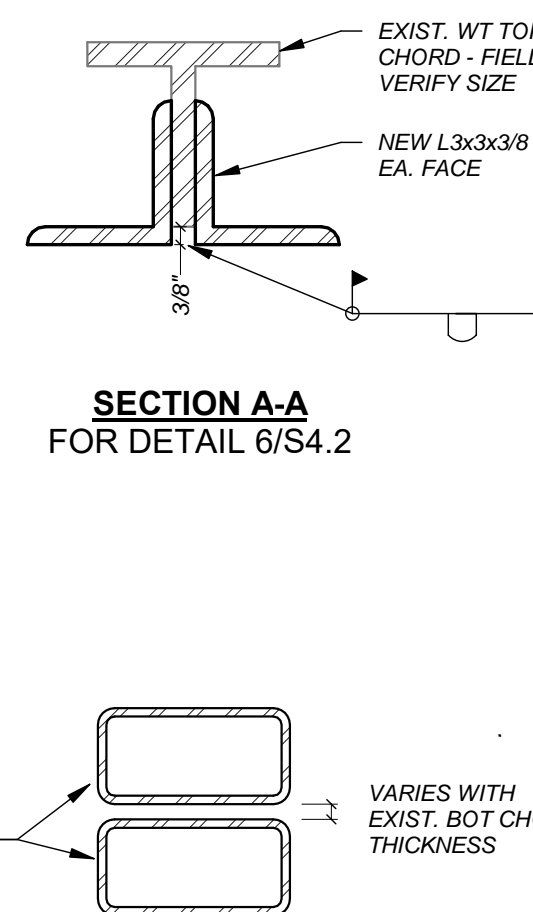
TYPICAL FRAMING UNDER MECHANICAL EQUIPMENT
1' \pm 1'-0"
• SEE MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF EQUIPMENT.
• ATTACH CURB TO STRUCTURE PER MANUFACTURER'S RECOMMENDATIONS.
• SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ADDITIONAL CURB INFORMATION.
• PROVIDE ANGLE FRAMES AROUND DUCT PENETRATIONS PER S4.2.



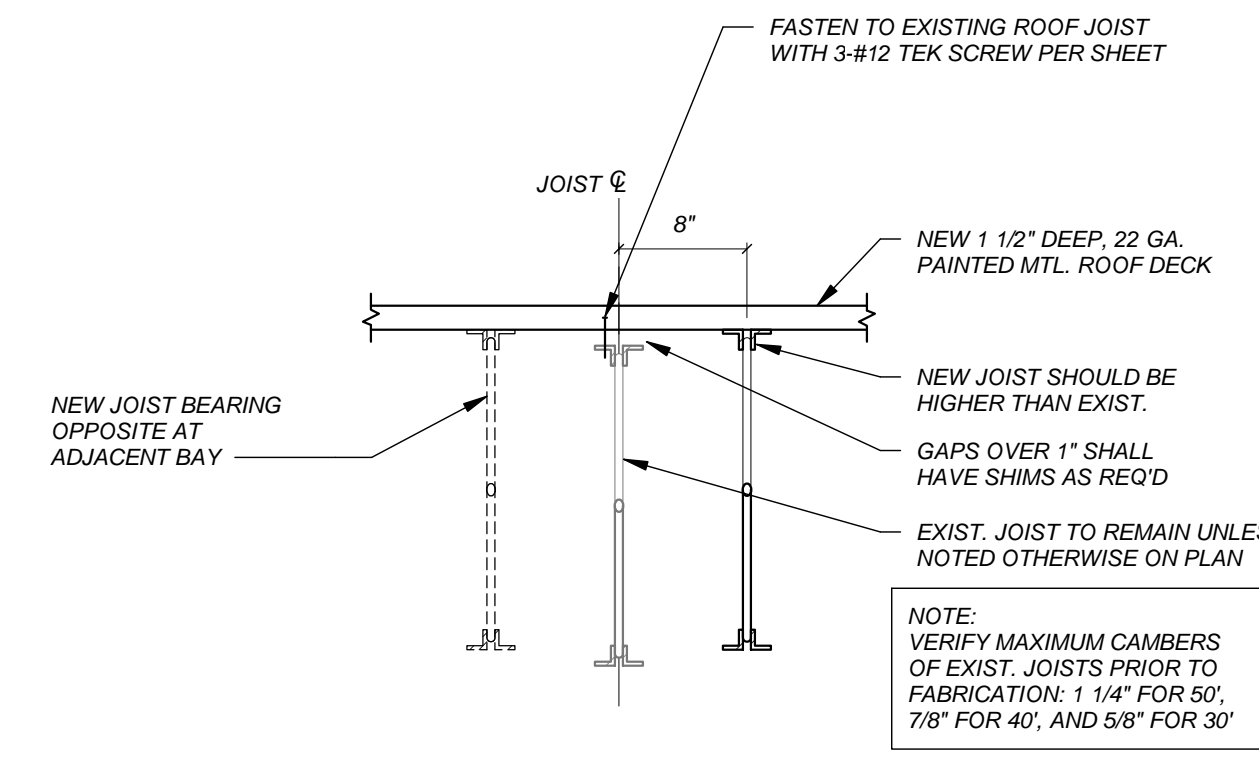
TYPICAL METAL DECK DETAIL
1' \pm 1'-0"
• ROOF DECK SHALL HAVE I.C.B.O. APPROVAL.
• ROOF DECK SHALL BE 1 1/2" TYPE "WR" 22-GAUGE.



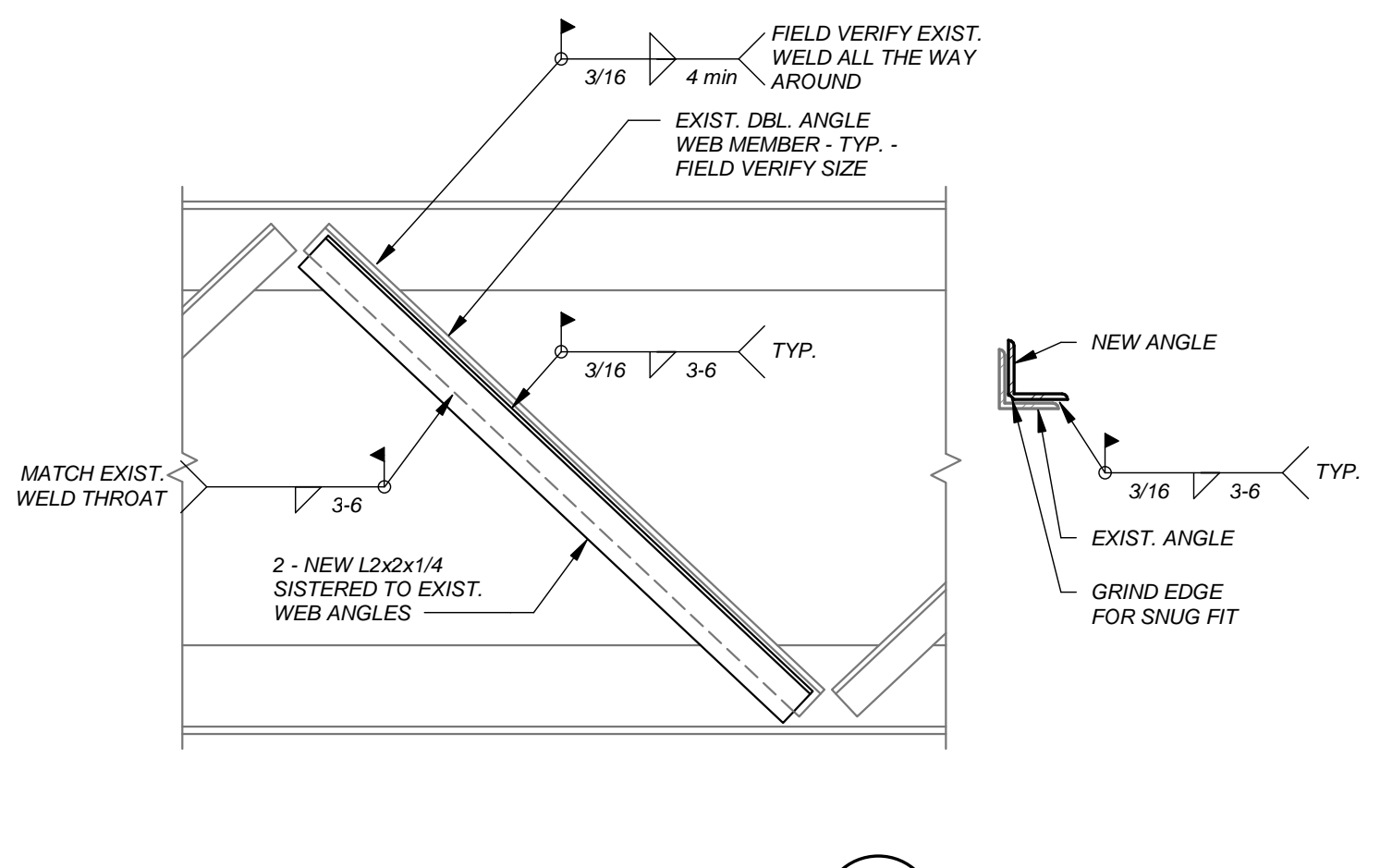
NEW COLUMN CONNECTION TO EXISTING JOIST GIRDER DETAIL
1' \pm 1'-0"



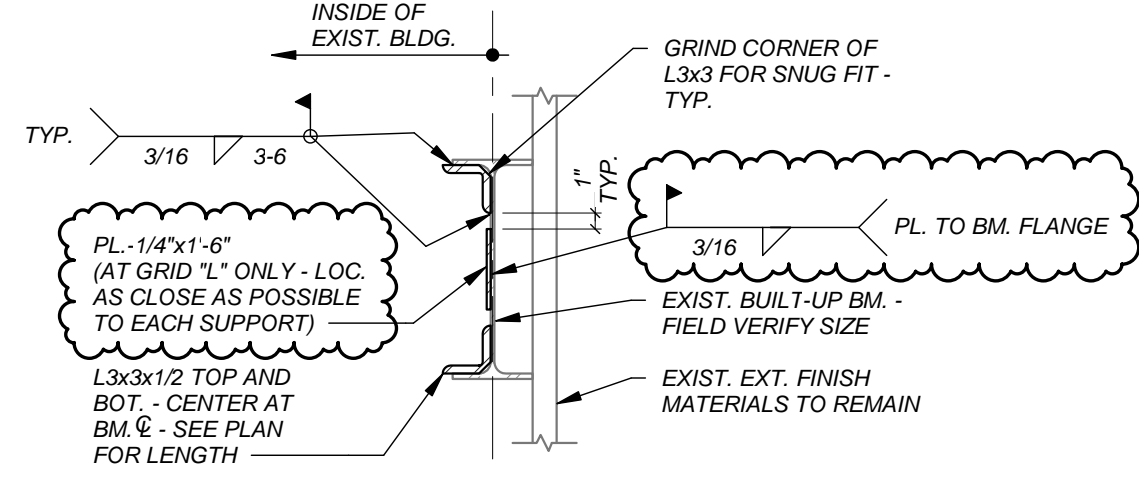
SECTION B-B FOR DETAIL 6/S4.2



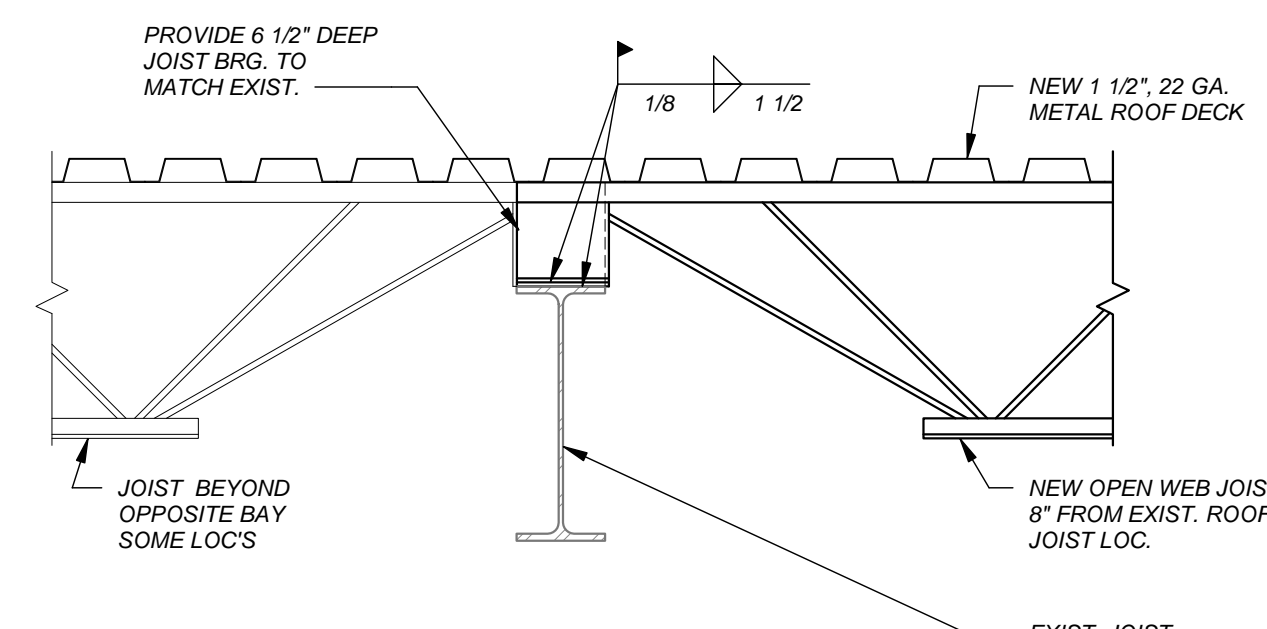
7
S4.2 1' \pm 1'-0"



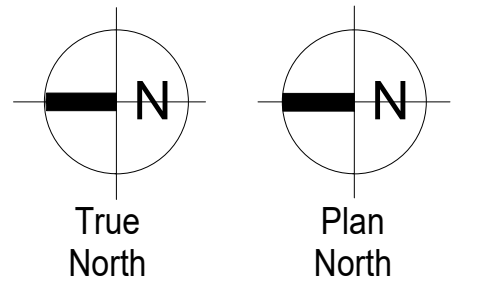
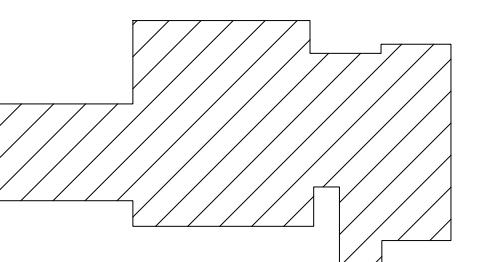
EXISTING WEB STRENGTHENING DETAIL
1' \pm 1'-0"

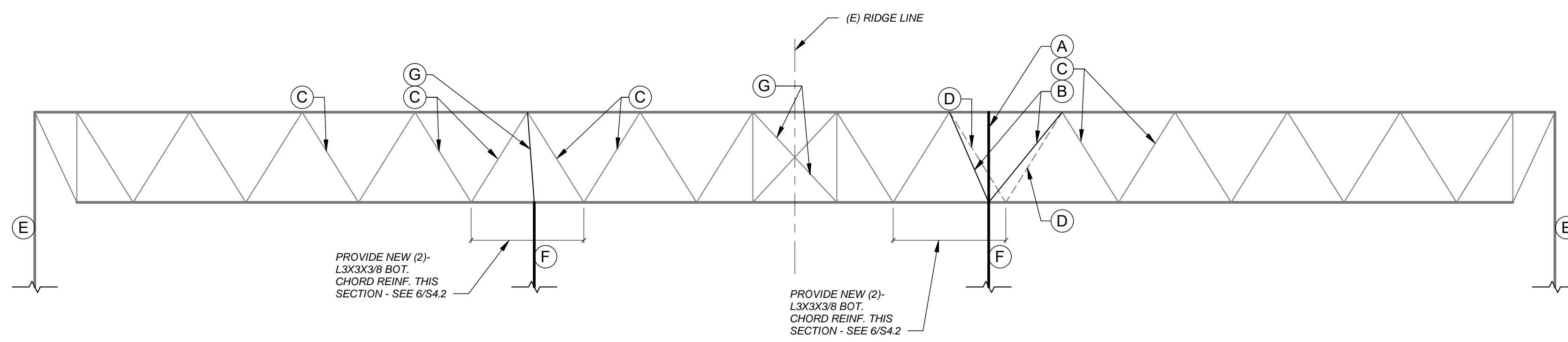


EXISTING BEAM STRENGTHENING DETAIL
1' \pm 1'-0"

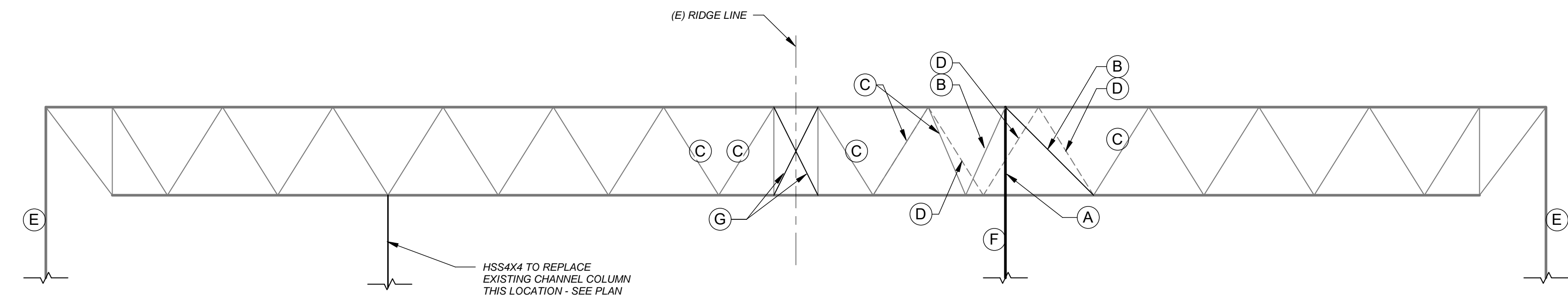


10
S4.2 1' \pm 1'-0"

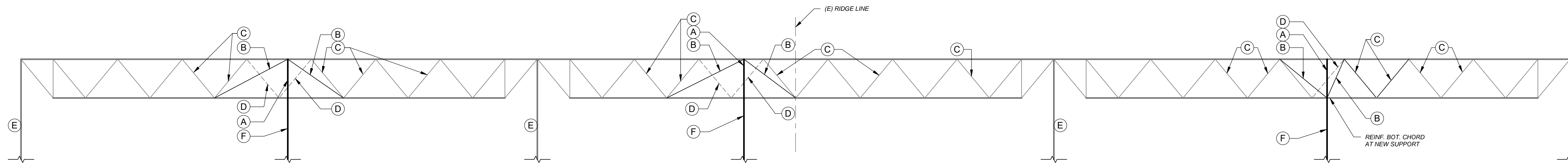




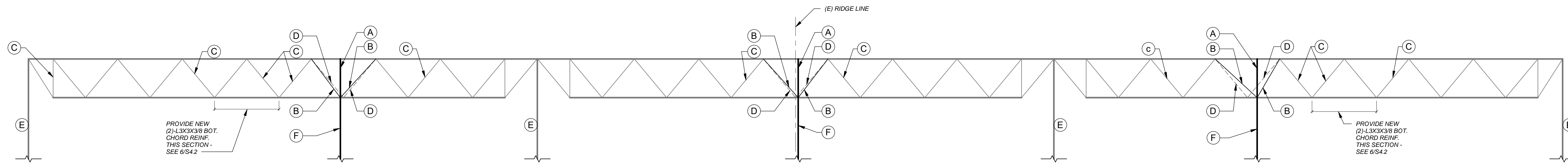
GIRDER TRUSS LINE B AND C LOOKING NORTH
1/4" = 1'-0"



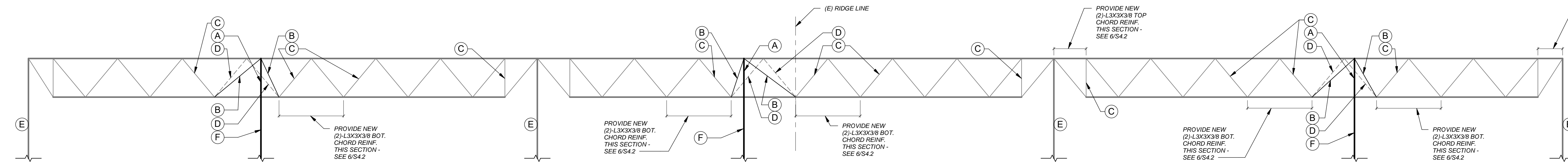
GIRDER TRUSS LINE D LOOKING NORTH
1/4" = 1'-0"



GIRDER TRUSS LINE F AND H LOOKING NORTH
1/4" = 1'-0"

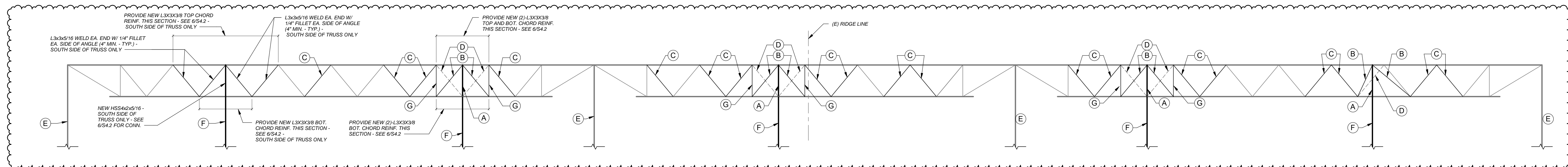


GIRDER TRUSS LINE G LOOKING NORTH
1/4" = 1'-0"



GIRDER TRUSS LINE J LOOKING NORTH
1/4" = 1'-0"

CONTRACTOR SHALL FIELD VERIFY ALL GIRDER TRUSS WEB MEMBER SPACING AND COLUMN LOCATIONS PRIOR TO INSTALLING NEW ROOF STRUCTURE AND RTUS.



GIRDER TRUSS LINE K LOOKING NORTH
1/4" = 1'-0"

CONTRACTOR SHALL FIELD VERIFY ALL GIRDER TRUSS WEB MEMBER SPACING AND COLUMN LOCATIONS PRIOR TO INSTALLING NEW ROOF STRUCTURE AND RTUS.

CONSTRUCTION SEQUENCE:

- Contractor shall review existing truss layout to ensure all obstructions for new joists and truss remediation have been identified and removed prior to construction and erection of new roof.
- Install new foundations at new column supports.
- Install new column and build-up girder truss between top/bottom cords per 6/S4.2.
- Modify existing web members as indicated in truss elevations at new column locations, one side at a time.
- Add web member spacers throughout.
- Remove existing roof deck and install new floor joists. Coordinate removal and installation with arch., mech. and electrical. See plan note sheet S4.1, coordinate area of removal to allow protection of existing finish material.

TYPICAL TRUSS REMEDIATION NOTES

- A. Add new HSS4x2x5/16 and new web plate. See detail 6/S4.2.
- B. Replace existing web angles with new L2 1/2x2 1/2x3/8. See detail 8/S4.2. Do one side at a time, one member at a time. Add vertical L2 1/2xwhere shown.
- C. Sister existing web angles with new L2 1/2x2 1/2x1/4. See detail 8/S4.2.
- D. Web member to be removed.
- E. Existing column to remain.
- F. New column. See plan for size.
- G. Add 2 new L2 1/2x2 1/2x3/8 diagonal web member.

Contractor to verify girder truss member configuration and layout prior to construction. Contact Engineer with any deviations found.

