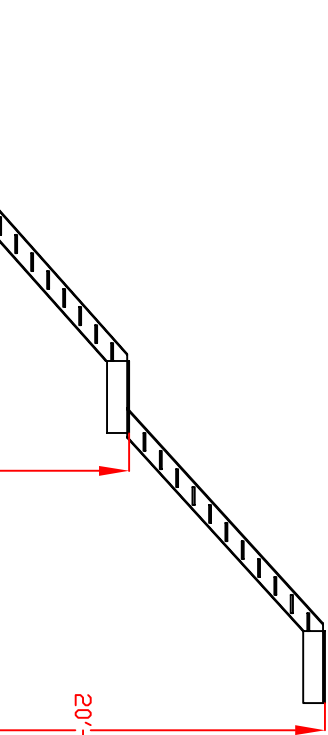
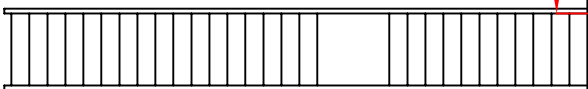
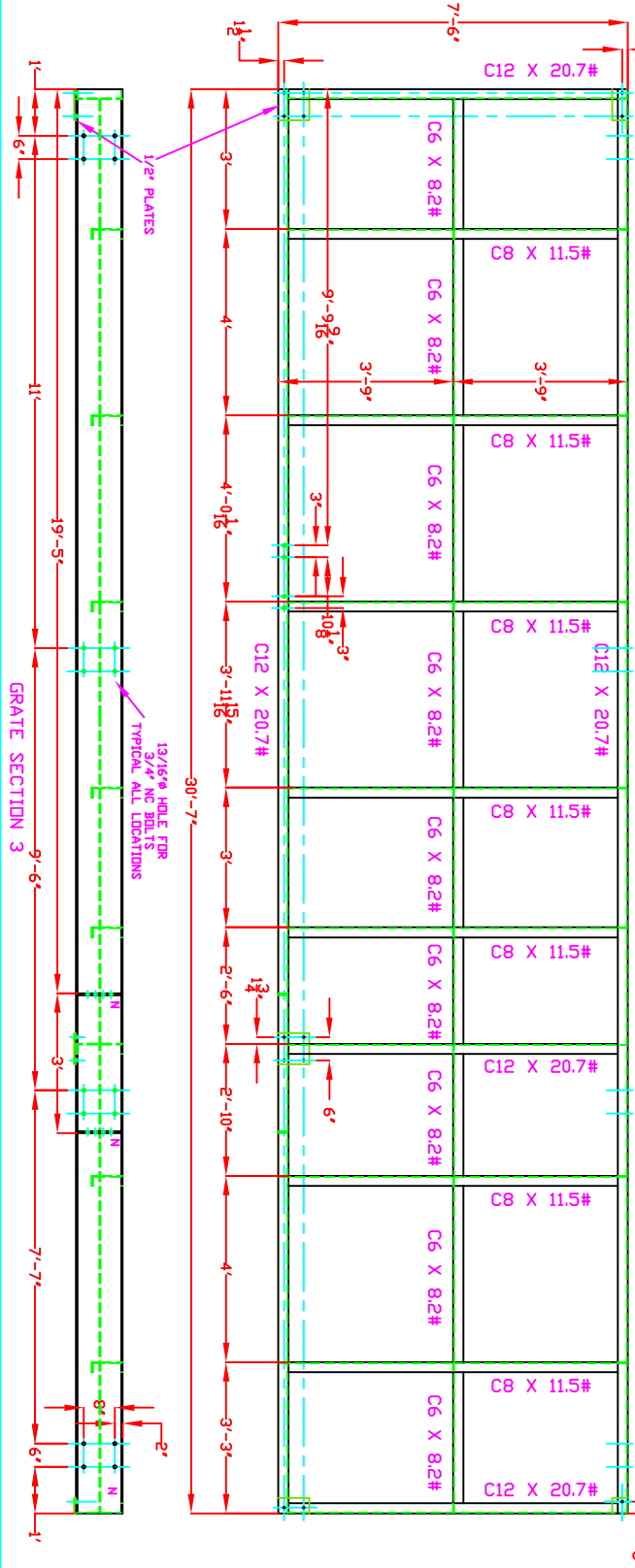
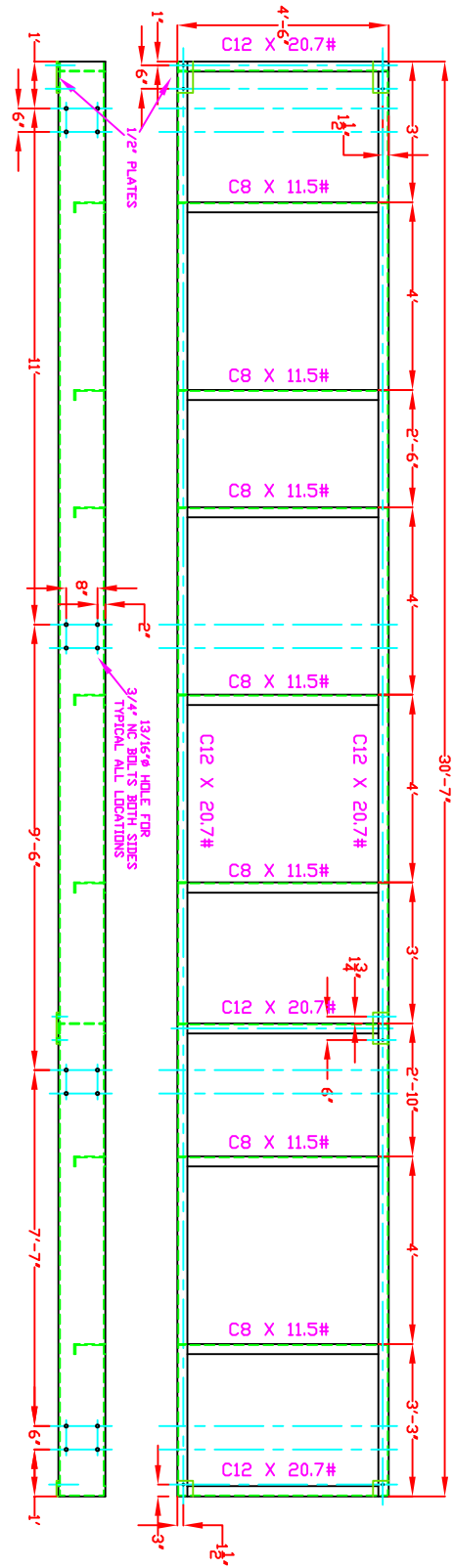
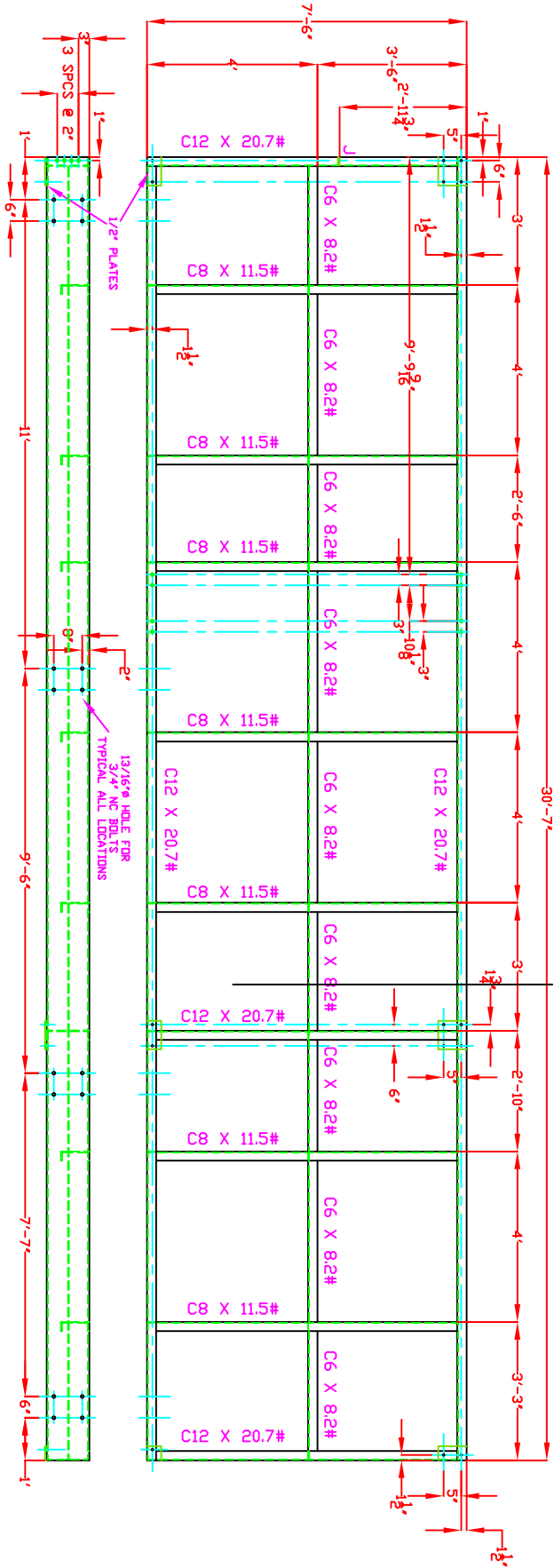
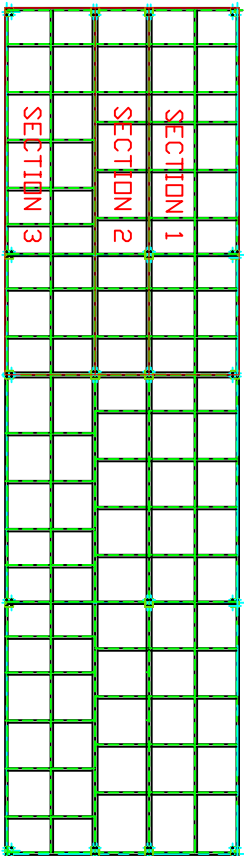


REV.		BY	DATE
413 MECHANICAL NORTH DAKOTA			
WINDSOR LOCATION			
	BY	DATE	TITLE:
DRAWN			PET DINE MEZZANINE MID STAIR DETAILS
CHKD			
APPR			
SCALE:	1"=40'	DWG. NO.	21-010
© ZIMMERMAN'S		ISSUED:	

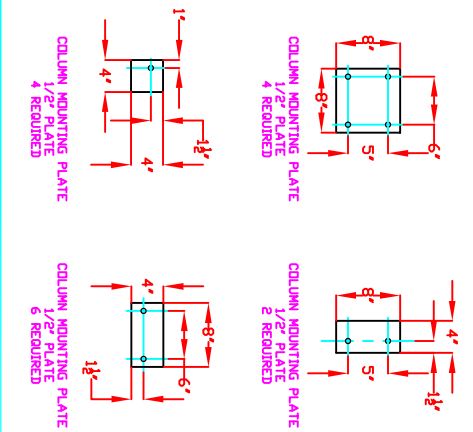
413 MECHANICAL
NORTH DAKOTA

TITLE:		BY		DATE	
PET DINE MEZZANINE		DRAWN			
GENERAL ARRANGEMENT		CHKD			
		APPR			
SCALE:		1"=40'			
DWG. NO.		21-001		REV.	

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ITEMS	DESCRIPTION	SIZE	QTY	LENGTH (IN)	WEIGHTS		
					UNIT (LBS/FT)	EACH (LBS)	TOTAL (LBS)
1	SECTION 1						
2	MAIN SUPPORT CHANNEL	C12 X 20.7	2	367	20.7	633	1266
3	END SUPPORT CHANNEL	C12 X 20.7	2	90	20.7	155	311
4	MIDDLE SUPPORT CHANNEL	C12 X 20.7	1	90	20.7	155	155
5	MAIN BRACE	C8 X 11.5#	7	90	11.5	86	604
6	CROSS BRACE	C6 X 8.5#	4	48	8.5	34	136
7	CROSS BRACE	C6 X 8.5#	2	36	8.5	26	51
8	CROSS BRACE	C6 X 8.5#	1	39	8.5	28	28
9	CROSS BRACE	C6 X 8.5#	1	34	8.5	24	24
10	CROSS BRACE	C6 X 8.5#	1	30	8.5	21	21
11	TOTAL		21				2596
12	SECTION 2						
13	MAIN SUPPORT CHANNEL	C12 X 20.7	2	367	20.7	633	1266
14	END SUPPORT CHANNEL	C12 X 20.7	2	54	20.7	93	186
15	MIDDLE SUPPORT CHANNEL	C12 X 20.7	1	54	20.7	93	93
16	MAIN BRACE	C8 X 11.5#	7	90	11.5	86	604
17	TOTAL		12				2149
18	SECTION 3						
19	MAIN SUPPORT CHANNEL	C12 X 20.7	2	367	20.7	633	1266
20	END SUPPORT CHANNEL	C12 X 20.7	2	90	20.7	155	311
21	MIDDLE SUPPORT CHANNEL	C12 X 20.7	1	90	20.7	155	155
22	MAIN BRACE	C8 X 11.5#	7	90	11.5	86	604
23	CROSS BRACE	C6 X 8.5#	4	48	8.5	34	136
24	CROSS BRACE	C6 X 8.5#	1	39	8.5	28	28
25	CROSS BRACE	C6 X 8.5#	2	36	8.5	26	51
26	CROSS BRACE	C6 X 8.5#	1	34	8.5	24	24
27	CROSS BRACE	C6 X 8.5#	1	30	8.5	21	21
28	TOTAL		21				2596



REV.

BY

DATE

413 MECHANICAL

NORTH DAKOTA

WINDSOR LOCATION

DRAWN

CHKD

APPR

BY

DATE

TITLE:

PET DINE MEZZANINE SECTIONS 1 TO 3

SCALE:

1"=40'

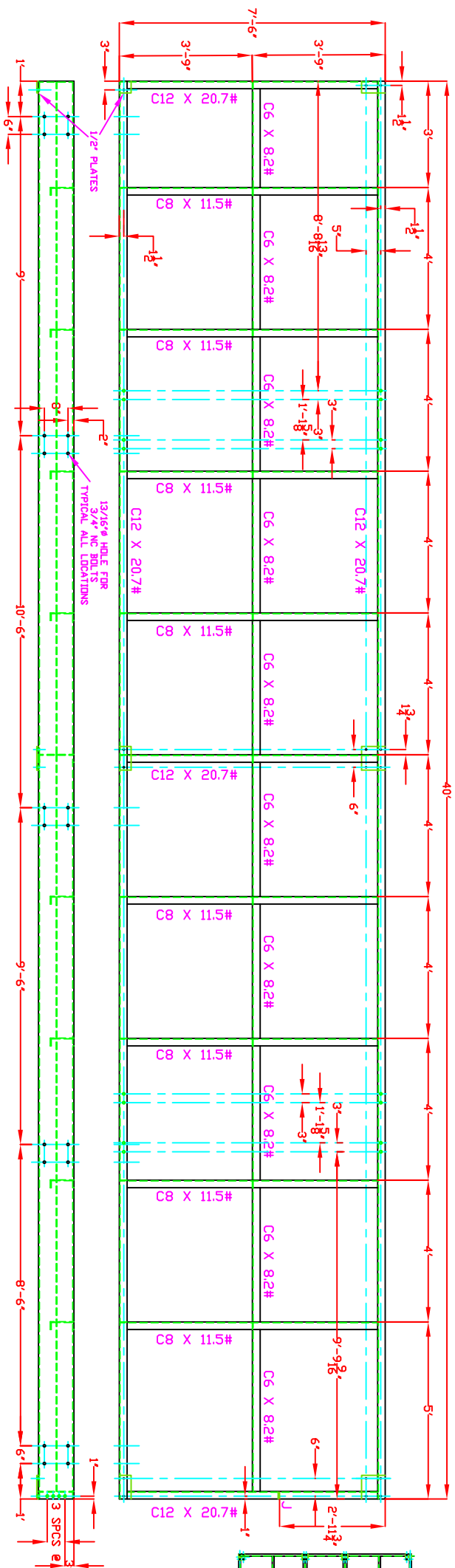
DWG. NO.

21-003

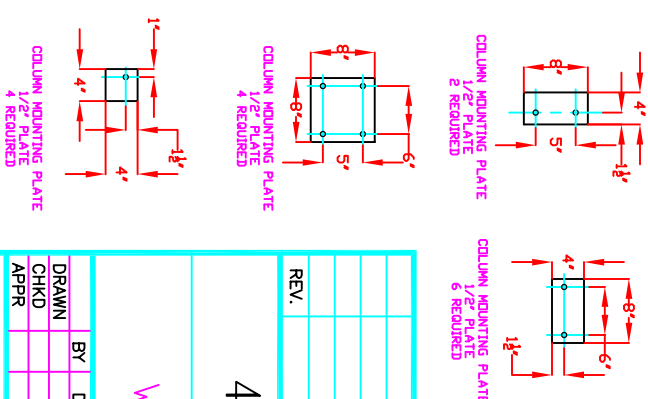
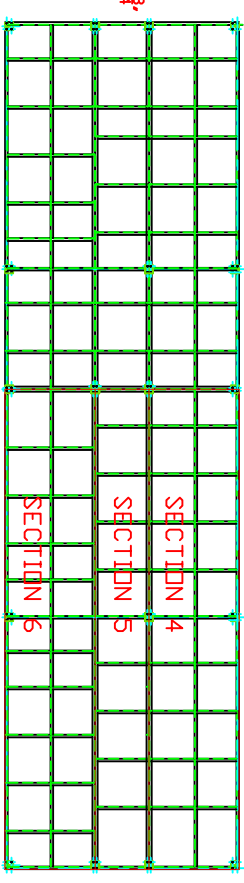
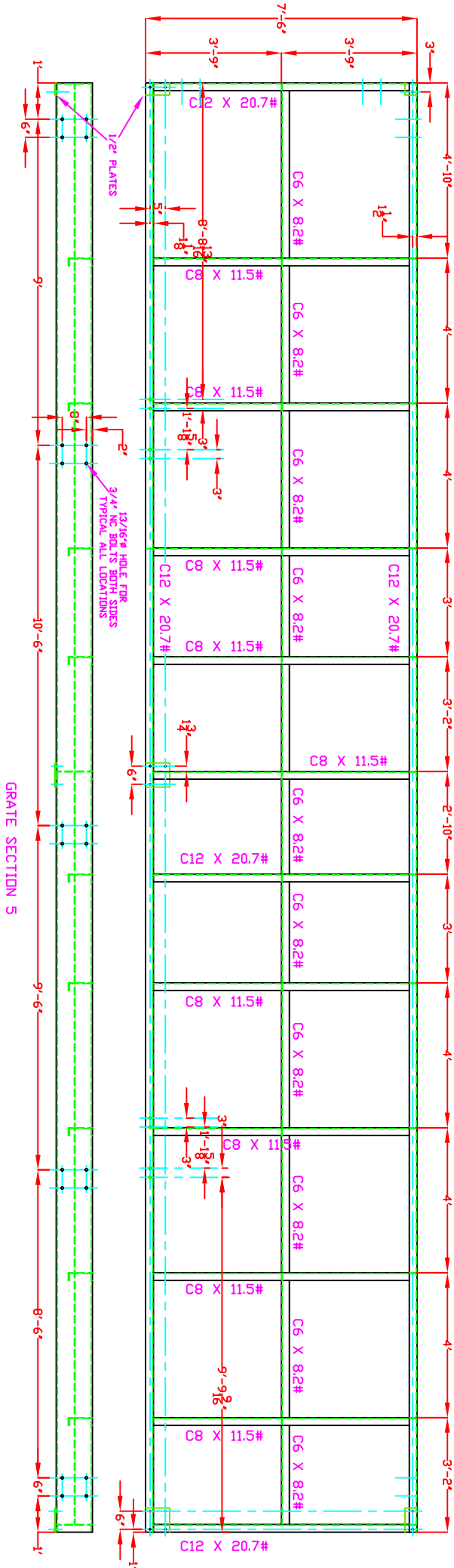
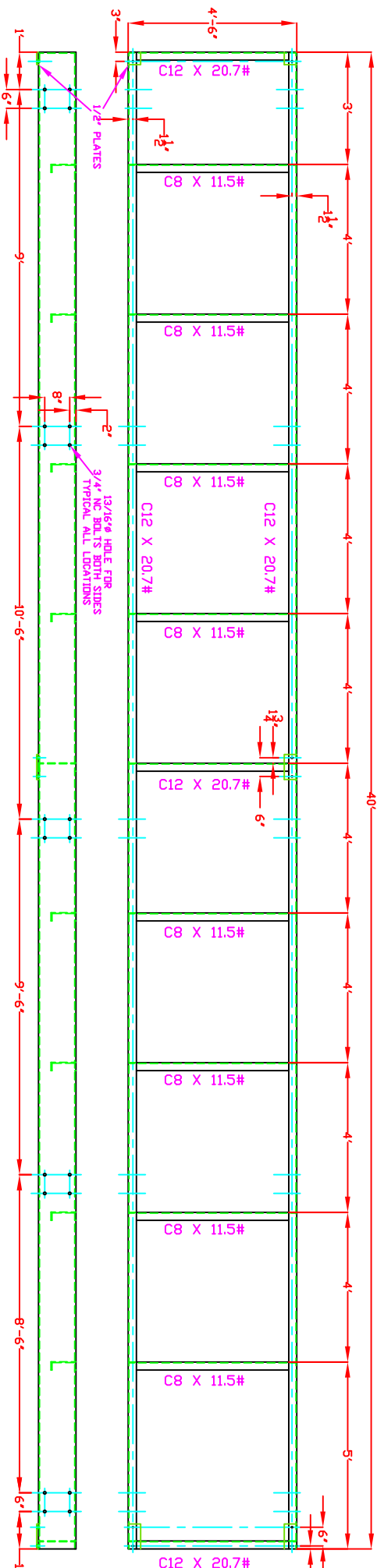
REV.

© ZIMMERMAN'S

ISSUED:



ITEMS		DESCRIPTION	SIZE	QTY	LENGTH (IN)	WEIGHTS		
						UNIT (LBS/FT)	EACH (LBS)	TOTAL (LBS)
1	SECTION 4	MAIN SUPPORT CHANNEL	C12 X 20.7	2	480	20.7	828	1656
2		END SUPPORT CHANNEL	C12 X 20.7	2	90	20.7	155	311
3		MIDDLE SUPPORT CHANNEL	C12 X 20.7	1	90	20.7	155	155
4		MAIN BRACE	C8 X 11.5#	8	90	11.5	86	690
5		CROSS BRACE	C6 X 8.5#	8	48	8.5	34	272
6		CROSS BRACE	C6 X 8.5#	1	60	8.5	43	43
7		CROSS BRACE	C6 X 8.5#	1	36	8.5	26	26
8		TOTAL			23			3152
9	SECTION 5	MAIN SUPPORT CHANNEL	C12 X 20.7	2	480	20.7	828	1656
10		END SUPPORT CHANNEL	C12 X 20.7	2	54	20.7	93	186
11		MIDDLE SUPPORT CHANNEL	C12 X 20.7	1	54	20.7	93	93
12		MAIN BRACE	C8 X 11.5#	8	90	11.5	86	690
13		TOTAL			13			2625
14	SECTION 6	MAIN SUPPORT CHANNEL	C12 X 20.7	2	480	20.7	828	1656
15		END SUPPORT CHANNEL	C12 X 20.7	2	90	20.7	155	311
16		MIDDLE SUPPORT CHANNEL	C12 X 20.7	1	90	20.7	155	155
17		MAIN BRACE	C8 X 11.5#	9	90	11.5	86	776
18		CROSS BRACE	C6 X 8.5#	5	48	8.5	34	170
19		CROSS BRACE	C6 X 8.5#	1	58	8.5	41	41
20		CROSS BRACE	C6 X 8.5#	2	38	8.5	27	54
21		CROSS BRACE	C6 X 8.5#	2	36	8.5	26	51
22	TOTAL			25			3238	



REV.		BY	DATE

NORTH DAKOTA

WINDSOR LOCATION

BY		DATE	TITLE:
DRAWN			PET DINE MEZZANINE SECTIONS 4-6
CHKD			
APPR			
SCALE:	1"=40'	DWG. NO.	21-004
		REV.	

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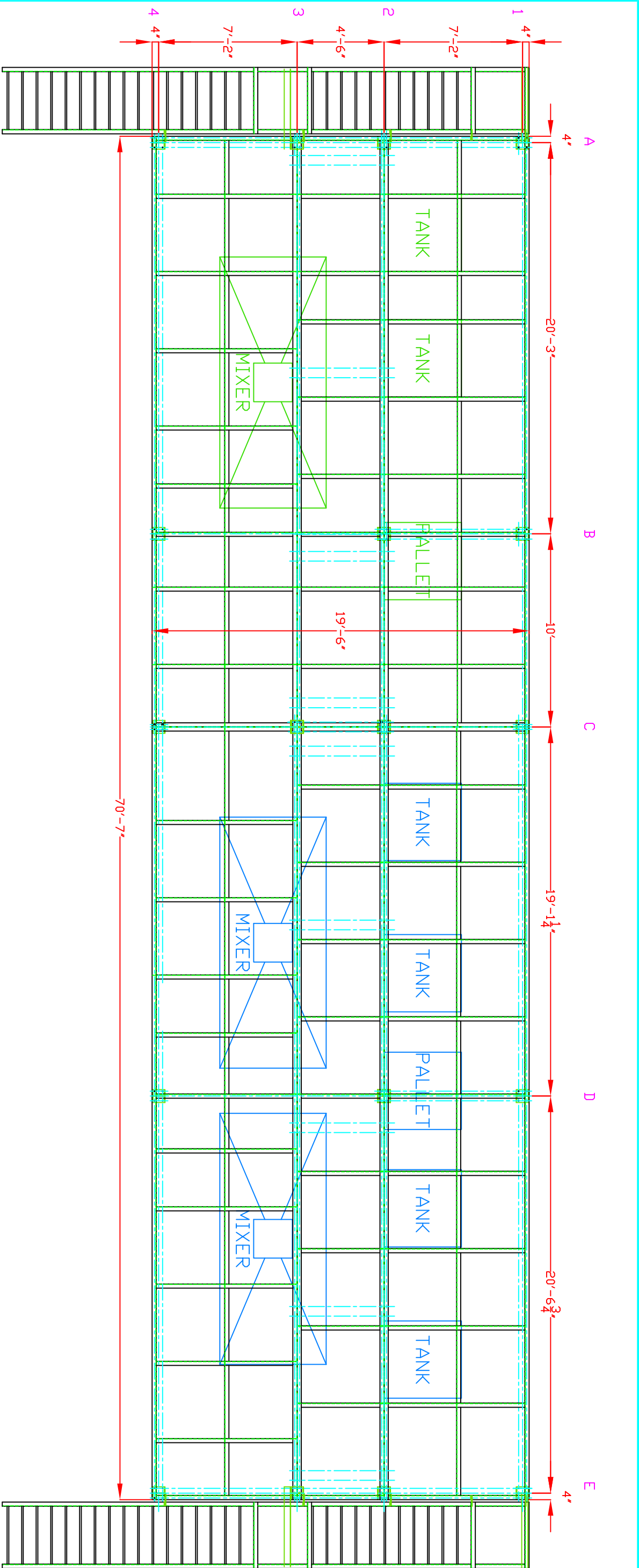
ISSUED:

SCALE:	1"=40'	DWG. NO.	21-004
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G. NO.

21-004

REV.



PLAN VIEW

		WIDTH		LENGTH		AREA SUPPORTED (SF)	FLOOR LOAD		STAIR LOAD (LBS)	TOTAL		COLUMN			ALLOWABLE LOAD (LBS)	SAFETY FACTOR
		1 (IN)	2 (IN)	1 (IN)	2 (IN)		UNIFORM (PSF)	TOTAL (LBS)		LOAD (LBS)	LOAD (LBS)	HEIGHT (IN)	K VALUE	KL (FT)		
A	1	4	86	4	243	41.0	100	4096	1200	5296	230	1.0	19.2	W6x20	34000	6.4
A	2	86	54	4	243	61.0	100	6101	1200	7301	230	1.0	19.2	W6x20	34000	4.7
A	3	54	86	4	243	61.0	100	6101	1200	7301	230	1.0	19.2	W6x20	34000	4.7
A	4	86	4	4	243	41.0	100	4096	1200	5296	230	1.0	19.2	W6x20	34000	6.4
B	1	4	86	243	120	59.2	100	5924	0	5924	230	1.0	19.2	W6x20	34000	5.7
B	2	86	140	243	120	142.4	100	14243	0	14243	230	1.0	19.2	W6x20	34000	2.4
B	3															
B	4	140	4	243	120	93.3	100	9327	0	9327	230	1.0	19.2	W6x20	34000	3.6
C	1	4	86	120	229.25	57.0	100	5700		5700	230	1.0	19.2	W6x20	34000	6.0
C	2	86	54	120	229.25	84.9	100	8489		8489	230	1.0	19.2	W6x20	34000	4.0
C	3	54	86	120	229.25	84.9	100	8489		8489	230	1.0	19.2	W6x20	34000	4.0
C	4	86	4	120	229.25	57.0	100	5700		5700	230	1.0	19.2	W6x20	34000	6.0
D	1	4	86	229.25	246.75	77.7	100	7768		7768	230	1.0	19.2	W6x20	34000	4.4
D	2	86	140	229.25	246.75	186.8	100	18676		18676	230	1.0	19.2	W6x20	34000	1.8
D	3															
D	4	140	4	229.25	246.75	122.3	100	12231		12231	230	1.0	19.2	W6x20	34000	2.8
E	1	4	86	246.75	4	41.6	100	4157	1200	5357	230	1.0	19.2	W6x20	34000	6.3
E	2	86	54	246.75	4	61.9	100	6192	1200	7392	230	1.0	19.2	W6x20	34000	4.6
E	3	54	86	246.75	4	61.9	100	6192	1200	7392	230	1.0	19.2	W6x20	34000	4.6
E	4	86	4	246.75	4	41.6	100	4157	1200	5357	230	1.0	19.2	W6x20	34000	6.3

REV.

BY

DATE

413 MECHANICAL

NORTH DAKOTA

WINDSOR LOCATION

BY

DATE

TITLE:

PET DINE MEZZANINE

COLUMN LOADING

DRAWN

CHKD

APPR

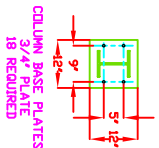
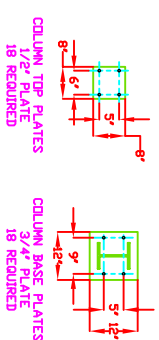
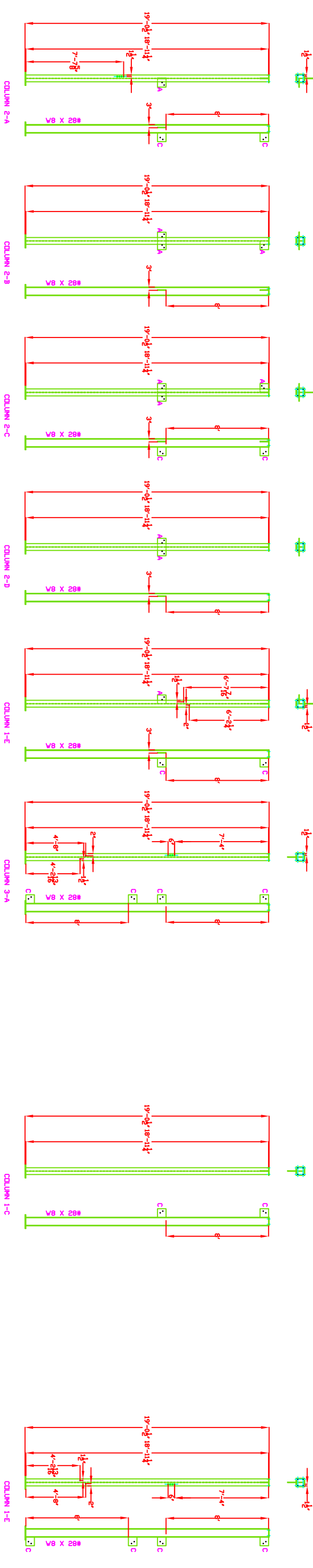
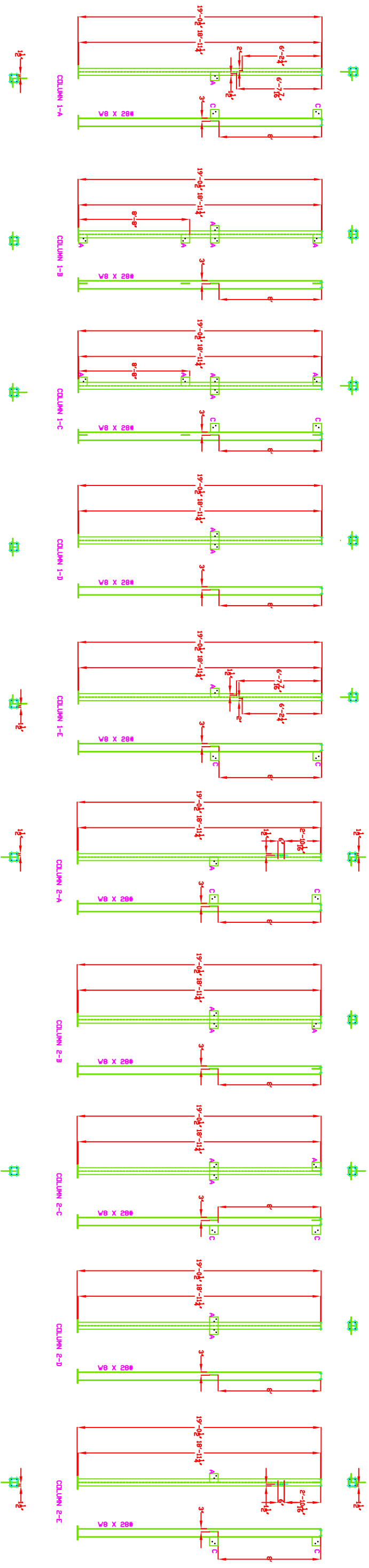
SCALE: 1"=40'

DWG. NO. 21-005

REV.

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ISSUED:

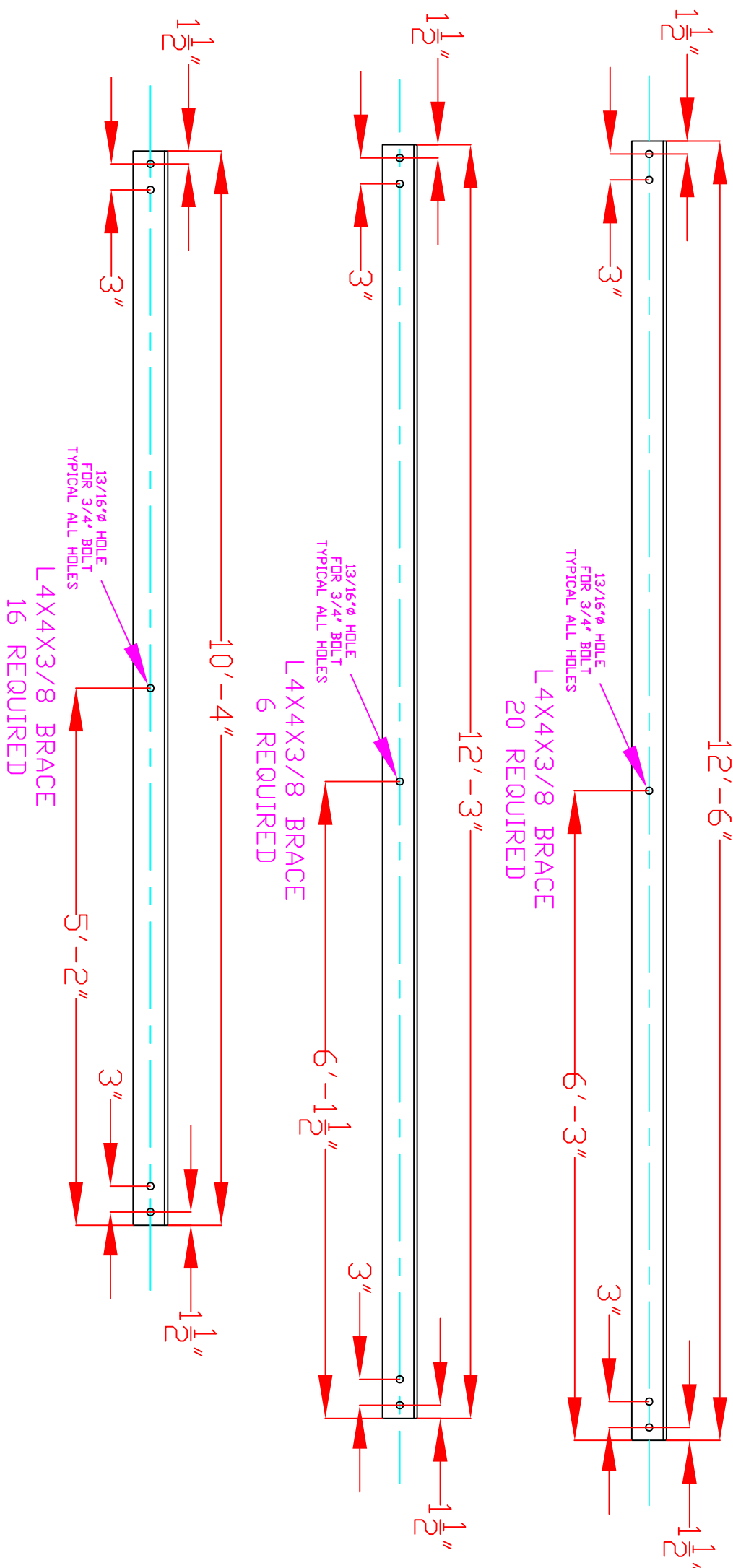
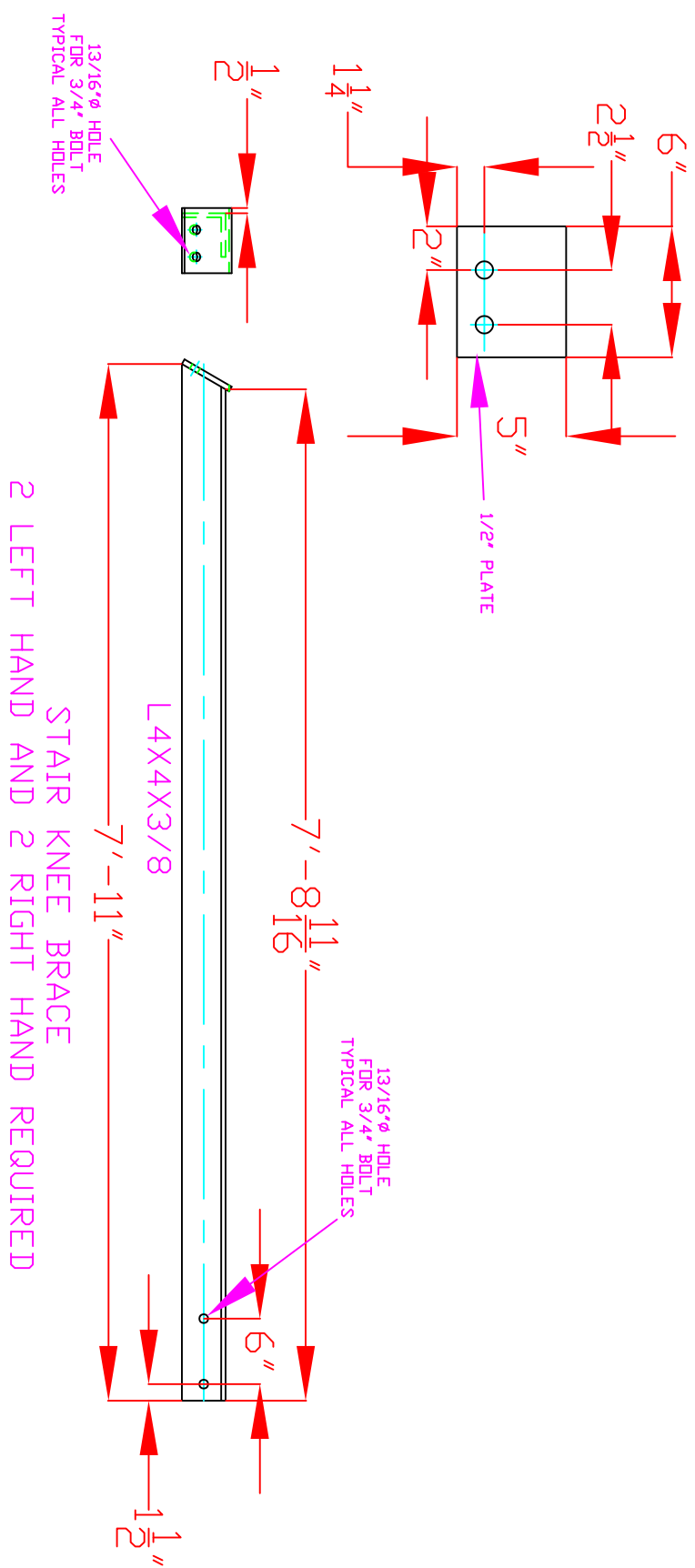


REV.	BY	DATE

413 MECHANICAL
NORTH DAKOTA

WINDSOR LOCATION

		BY DATE		TITLE:	
DRAWN				PET DINE MEZZANINE COLUMN DETAILS	
CHKD					
APPR					
SCALE:	1"=40'	DWG. NO.	21-006	REV.	



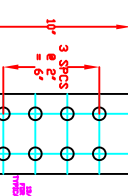
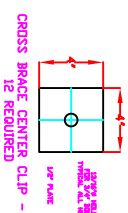
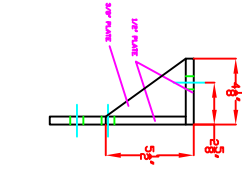
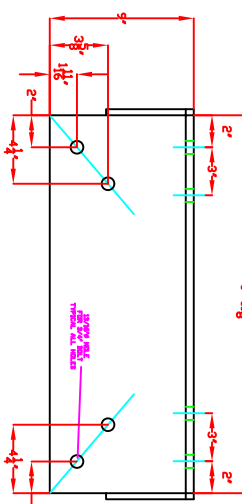
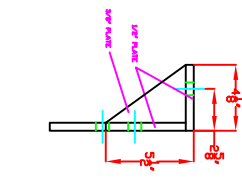
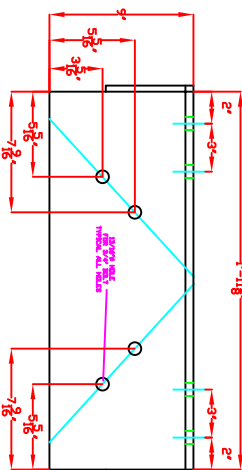
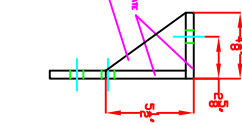
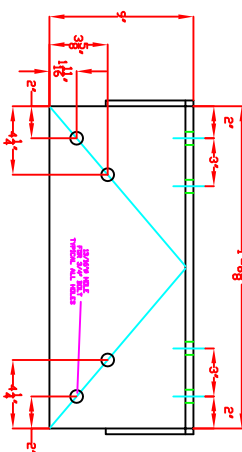
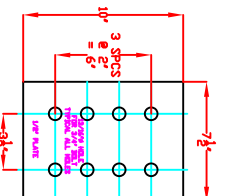
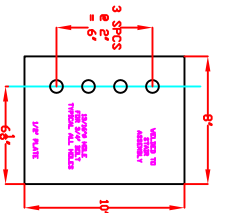
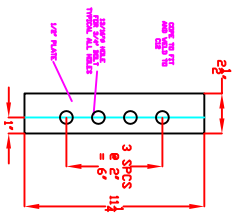
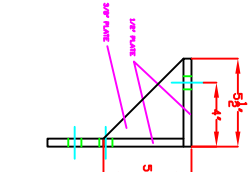
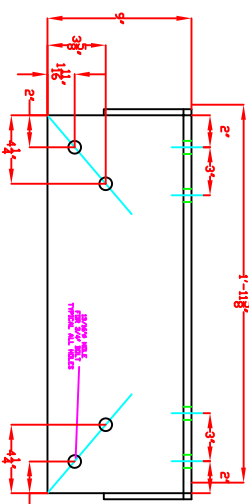
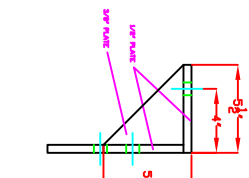
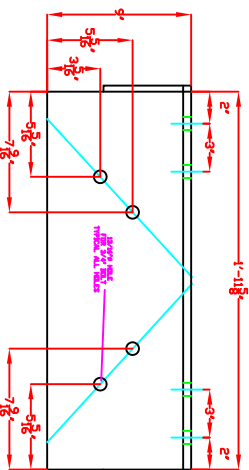
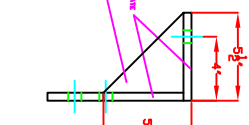
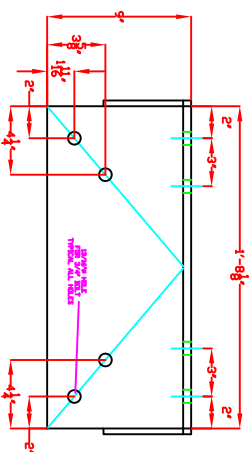
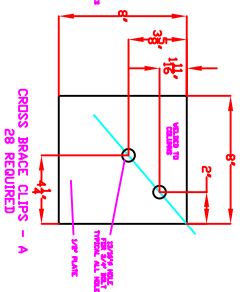
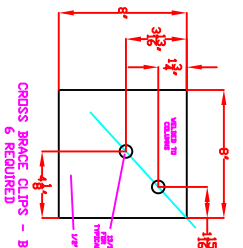
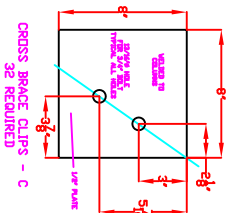
REV.		BY	DATE

413 MECHANICAL
NORTH DAKOTA

WINDSOR LOCATION

TITLE:		
BY	DATE	PET DINE MEZZANINE CROSS MEMBER DETAILS
DRAWN		
CHKD		
APPR		

SCALE:	1"=40'	DWG. NO.	21-007	REV.
© ZIMMERMAN'S ISSUED:				



REV.		BY	DATE

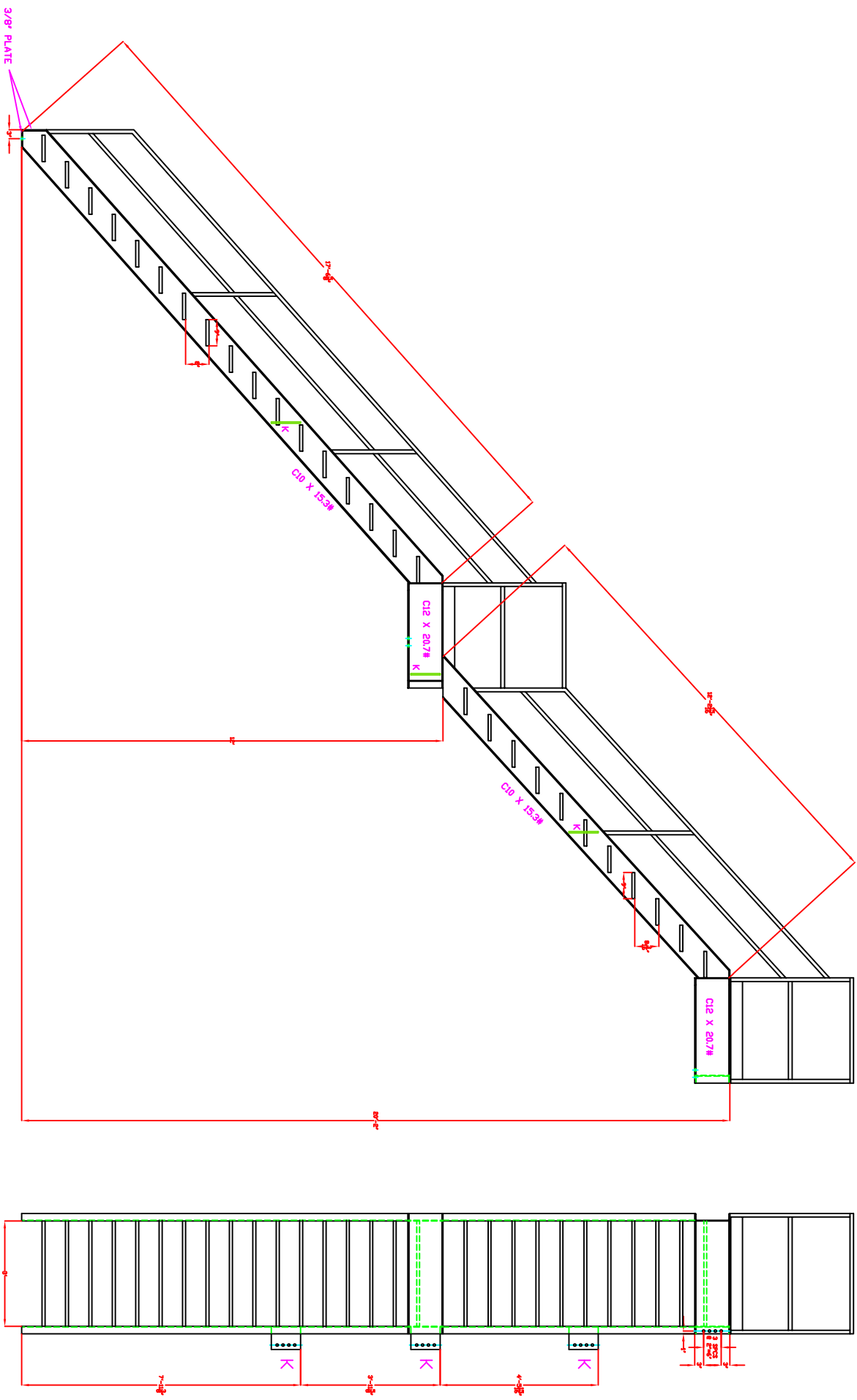
413 MECHANICAL
NORTH DAKOTA

NORTH DAKOTA

WINDSOR LOCATION

		TITLE:
BY	DATE	
DRAWN		PET DINE MEZZANINE CLIP & PLATES
CHKD		
APPR		

SCALE:	1"=40'	DWG. NO.	21-008
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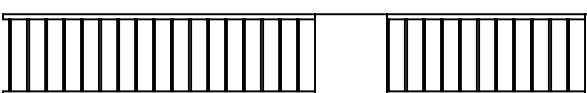
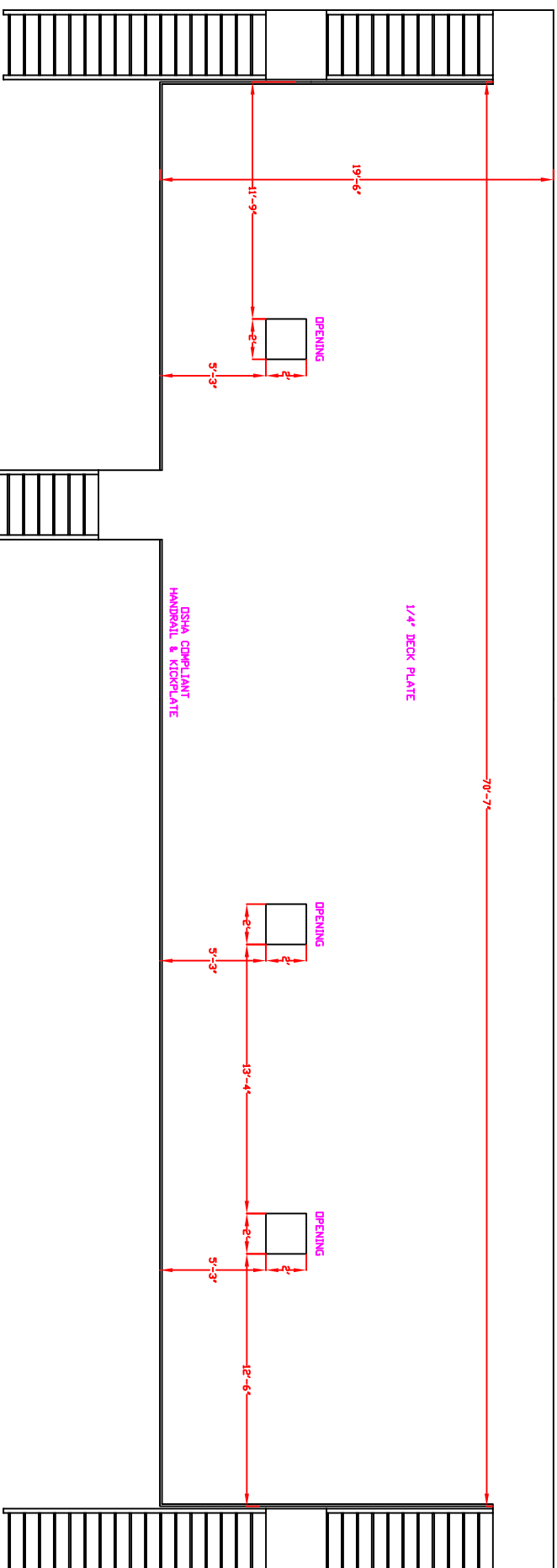


413 MECHANICAL

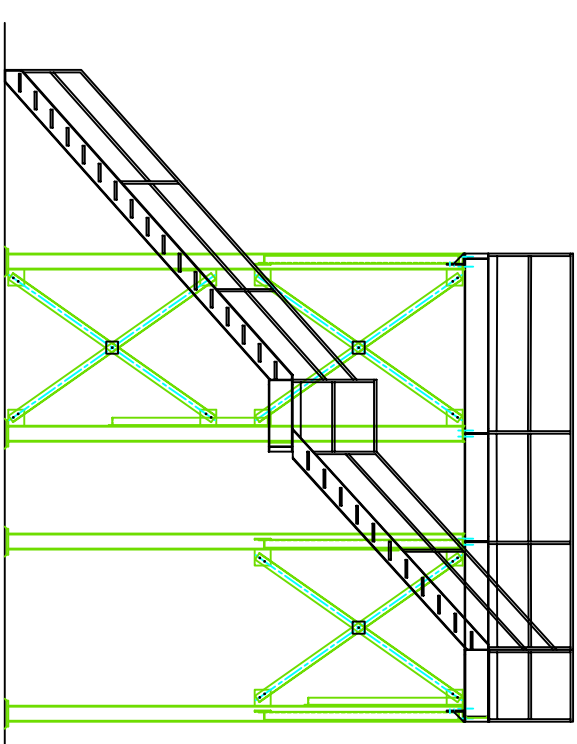
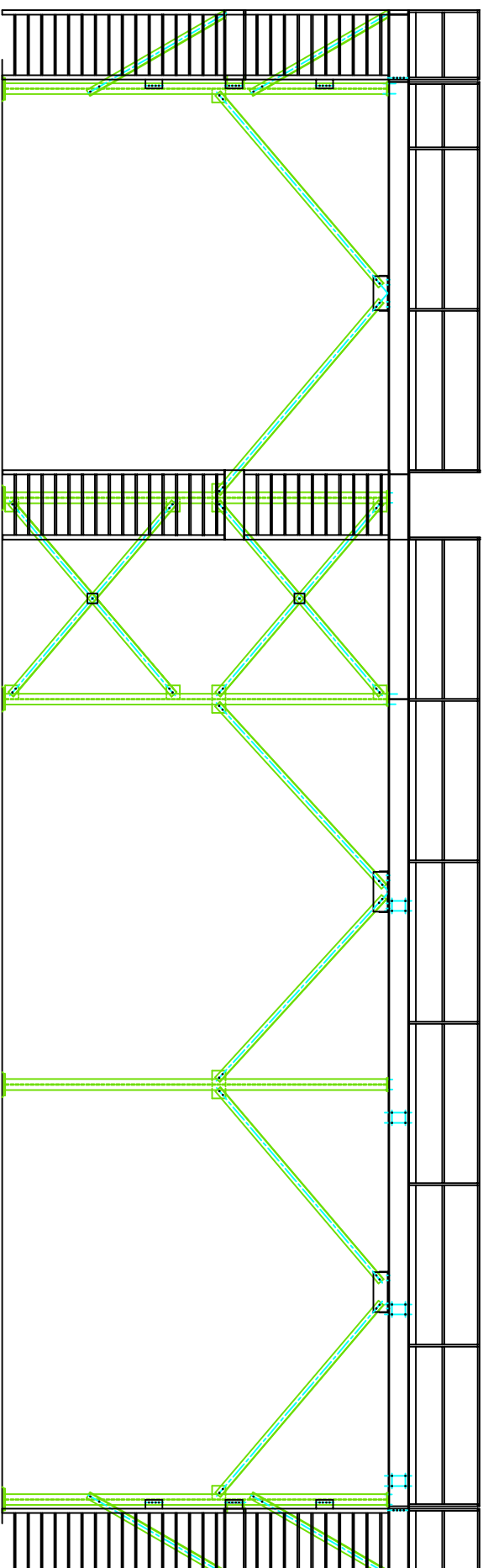
NORTH DAKOTA

WINDSOR LOCATION

SCALE: 1"=40'	DWG. NO. 21-009	REV.
© ZIMMERMAN'S ISSUED:		



NOTE: IF HANDRAIL TO BE SHOP INSTALLED ADD POSTS AT EACH SECTION BREAK



REV.		BY	DATE

413 MECHANICAL
NORTH DAKOTA

NORTH DAKOTA

WINDSOR LOCATION

		BY	DATE	TITLE:
DRAWN				PET DINE MEZZANINE HANDRAIL, KICK PLATE & DECK
CHKD				
APPR				
SCALE:	1"=40'	DWG. NO.	21-011	REV.