

October 3, 2024

**Via Email to [jim.bradley@niagararegion.ca](mailto:jim.bradley@niagararegion.ca)**

Reply to St. Catharines office  
**THOMAS A. RICHARDSON, C.S.**  
905.327-6062 Cell  
[tarichardson@sullivanmahoney.com](mailto:tarichardson@sullivanmahoney.com)

*Certified Specialist (Municipal Law – Local  
Government/Land Use Planning & Development)*

Chairman Jim Bradley and Members of Regional Council  
Regional Municipality of Niagara  
1815 Sir Isaac Brock way  
Thorold, ON L2V 4T7

Dear Chair Bradley and Members of Regional Council:

**Re: Gorge Holdings Inc., Complaint Pursuant to  
Section 20 of the *Development Charges Act, S.O. 1997 c. 27*  
Our File No. 141655**

We act as solicitors for Gorge Holdings Inc. with respect to the construction of a multi-tenanted building in the City of Thorold.

Our client has applied for a building permit to create a multi-tenanted building comprised of two sections. The first section is a manufacturing shell of approximately 24,240 square feet. The second portion of the building is for an industrial warehouse in which processing of goods will occur and comprising approximately 61,978 square feet. The application for building permit has been the subject of a Deferral Agreement between the Regional Municipality of Niagara and Gorge Holdings Limited, which Agreement is dated the 19<sup>th</sup> day of December, 2023. This agreement provided for the deferral of the Regional Development Charges calculated in the amount of \$1,426,045.72.

The Deferral Agreement is premised, in part, on the representation that the building is intended to be occupied, in whole or in part, by tenants which meets Niagara's definition of industrial use as found in the Regional "DC By-law" and the "RDC Industrial Grant Program".

By letter dated July 11, 2024, addressed to the Financial Management and Planning Corporate Services of the Region of Niagara, we set out our submissions as to why that portion of the

**Client Committed. Community Minded.**

building comprised of 61,978 square feet meets the definition of the term “industrial use” as found in both the DC By-law and the RDC Industrial Grant Program. We have now received a letter from Financial Management and Planning Corporate Services denying our submissions.

### **Our Submission**

The *Development Charges Act*, subsection 20(1) provides as follows:

“20 (1) A person required to pay a development charge, or the person’s agent, may complain to the council of the municipality imposing the development charge that,

- (a) the amount of the development charge was incorrectly determined;
- (b) whether a credit is available to be used against the development charge, or the amount of the credit or the service with respect to which the credit was given, was incorrectly determined; or
- (c) there was an error in the application of the development charge by-law.”

For the reasons that follow, it is the submission on behalf of Gorge Holdings Inc. that the Regional Municipality of Niagara development charge in the amount of \$1,426,045.72 has been incorrectly determined (paragraph a) and that there was an error in the application of the development charge by-law (c).

The following are the reasons for this complaint made to the Regional Council pursuant to subsection 20(1) of the Ontario *Development Charges Act*. It is our submission that the proposed use of that area of the subject building meets the definition of the term “industrial” as found in both the DC By-law and the RDC Industrial Grant Program.

### **Facts**

The area in question is to be leased to United Parcel Service Canada Ltd. (“UPS”) and is shown on Exhibit A attached hereto. UPS proposes to use the area in question not as a warehouse, but as a processing system to process the goods being shipped through UPS. The building also includes a vehicle repair facility for the UPS vehicles which bears the notation “automotive bay” in the upper right-hand corner. In the lower right-hand corner, you will find a series of offices. These are offices of UPS to address the processing and shipping of parcels.

The main area, shown on Exhibit A, provides for the reception of goods at four truck bays located in the upper left-hand corner of Exhibit A. The materials received through these doors will then be processed by staff and sorted via a network of conveyor belts and specialized sorting equipment for end user distribution. The goods are distributed through a conveyor system to one of the 50 recipient transport vehicles also shown on Exhibit A.

Exhibit B to this complaint is a letter briefly describing the process contained in a letter from Mr. Mark Publow, Real Estate Manager Canada, United Parcel Service Limited to Mr. Jordan Fletcher at Gorge Holdings dated October 27, 2023.

Exhibit C is a series of plans showing the conveyor/processing system to be installed in the facilities described in Exhibit A. Photos of a similar system are attached as Exhibit D. It is anticipated that the facility will employ approximately 120 employees.

It is our respectful submission that the facility described in these exhibits conforms with the definition of the term “industrial use” contained in both the Regional DC By-law and in the Regional Development Charges Industrial Grant Program.

### **Justification**

The definition of the term “Industrial Use” as contained in Regional Development Charge By-law No. 2022-71 is as follows:

“ ‘industrial use’ means land, buildings or structures used for or in connection with manufacturing by:

(a) manufacturing, producing, and processing goods for a commercial purpose, as well as storing and/or distribution of goods manufactured, produced or processed on site;

(b) research or development in connection with manufacturing, producing or processing good for a commercial purpose;

(c) retail sales by a manufacturer, producer or processor of goods they manufactured, produced or processed, if the retail sales are at the site where the manufacturing, production or processing takes place;

(d) office or administrative purposes, if it is:

(i) carried out with respect to manufacturing, producing, processing, storage or distributing of something; and

(ii) in or attached to the building or structure used for that manufacturing, producing, processing, storage or distribution.”

It is our respectful submission that the use proposed by UPS meets the definitions contained in paragraphs (a) and (d) of the definitions set out above.

The main area of usage provides for "... processing goods for a commercial purpose, as well as storing and/or distribution of goods ... processed on site", as defined in paragraph (a).

The refusal given by Corporate Services dated September 10, 2024, rejects our submission on the basis that "the act of 'processing' good at the proposed logistic centre or distribution hub does not confer on them any added value or make them any more marketable than they were prior to reaching the facility". We point out that there is no requirement in the definition, as quoted above, to add value or to make the goods more marketable. The by-law simply recognizes the "processing goods for a commercial purpose ... as well as storing and/or distribution of goods ... processed on site".

Further, the office area described above, meets the definition contained in paragraph (d) "... office or administrative purposes, if it is ... carried out with respect to ... processing, storage or distribution of something ...".

In summary, the use proposed by UPS is the processing of goods for a commercial purpose as well as the storage and distribution of goods processed on the site together with office and administrative purposes carried out with respect to processing, storage and distribution of something.

### **Request**

Our request is that the Regional Council determine that the usage of an area described in Exhibit A, of approximately 61,978 square feet of the subject building by UPS conforms with the definition of the term "industrial use" found in both the Regional Municipality of Niagara Development Charge By-law No. 2022-71, and in the RDC Industrial Grant Program.

We request an opportunity to make further submissions on this matter before the Regional Council.

Yours very truly,

**SULLIVAN, MAHONEY LLP**

**Per:**



**Thomas A. Richardson, C.S.**  
Thomas Richardson Legal  
Professional Corporation

TAR:sm

Enclosures (4)

cc—client

cc—Mr. Alex Rotundo

cc—Ms. Ann Marie Norio

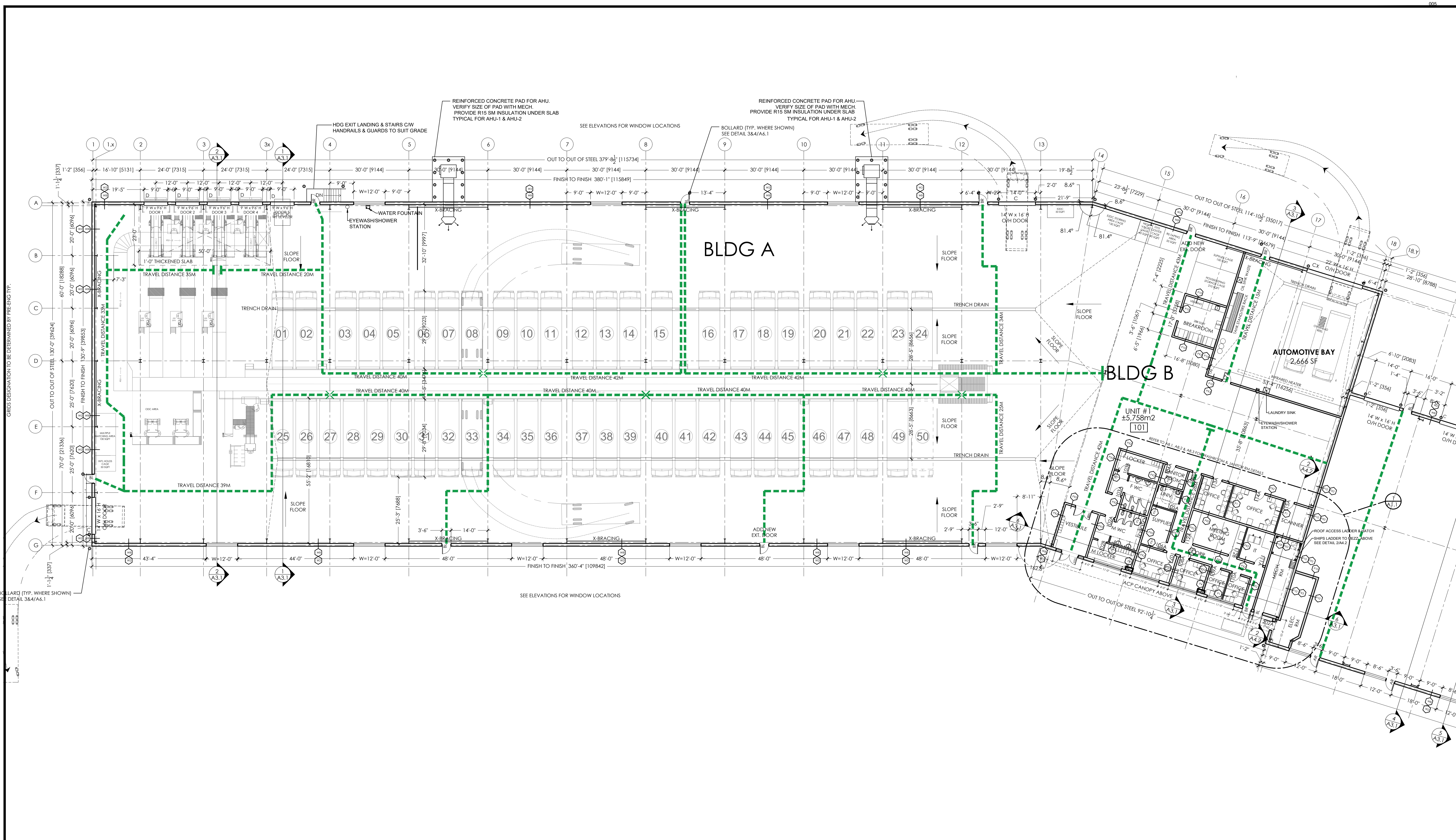


Exhibit A

NOTE:  
REFER TO FINAL PRE-ENGINEERED DESIGN DRAWINGS  
PREPARED BY ROBERTSON BUILDING SYSTEMS FOR ALL  
FINAL DIMENSIONS



No.	Date	Description	No.	Date	Description	No.	Date	Description
E	MAR 07/24	ISSUED FOR FINISHING PERMIT						
D	FEB 01/24	ISSUED FOR ARCHITECTURAL IFC						
C	JAN 30/24	ISSUED FOR SHELL PERMIT						
B	OCT 20/23	ISSUED FOR FULL PERMIT						
A	AUG 31/23	ISSUED FOR PERMIT						
Revisions								

PROJECT:  
**McCLEARY PHASE 2**  
1520 McCLEARY DRIVE  
THOROLD, ON

SHEET TITLE:  
**UNIT #1**  
**GROUND FLOOR PLAN**

Design: A.R.C.  
Drawing No.:  
Drawn: M.G.  
Checked: A.R.C.  
Project No.: --  
Scale: 1:200  
Printed: MAR 07/24

A1.1

United Parcel Service Canada Ltd.  
Real Estate Department  
1930 Derry Rd East, Mississauga  
L5S 1E2



October 27, 2023

Mr. Jordan Fletcher  
Gorge Holdings Inc.  
4728 Dorchester Road, Unit 5  
Niagara Falls, ON L2E 7H9

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Mr. Fletcher,

This Letter is intended to provide a brief description of future UPS operations to be conducted at 1520 McCleary Drive in Thorold ON.

UPS is the world's premier package delivery company and a leading provider of global supply chain management solutions. We operate one of the largest airlines and one of the largest fleets of alternative fuel vehicles under a global UPS brand. We deliver packages each business day for 1.6 million shipping customers to 11.1 million delivery customers in over 200 countries and territories. In 2022, we delivered an average of 24.3 million packages per day, totaling 6.2 billion packages during the year.

The operations of UPS at 1520 McCleary Drive will employ approximately +/- 120 people. This location will be primarily responsible for receiving local and non-local packages by way of Transport Trucks and Delivery Vans. Goods will be received at the facility in palletized and non-palletized formats and will be unloaded at the facility. After all goods and materials are received they will be processed by staff and sorted via network of conveyor belts and specialized sorting equipment for end-user distribution. The site will include short-term warehousing, distribution and administrative offices related to the processing and distribution of goods on site. This new location will serve as distribution facility to meet the business needs of UPS' customers and clients.

Please Call me if you have any further questions,

A handwritten signature in black ink, appearing to read "Mark Publow", written over a horizontal line.

Mark Publow  
Real Estate Manager Canada  
United Parcel Service Ltd.  
UPS SCS Inc.

**EXHIBIT C**

ITEM	ERP NUMBER	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
1	100766983	100-001	2	DRIVE FRAME WITH PULLEY, 34E UPS SPEC 2020, 0 deg, RH, 42" WD, 9.125-4A	3'-6"	43" CW	DRI-34E	9-1047-2001-42	LL-01-UNL2-2, LL-01-UNL1-2
2	100693088	100-002	2	SUMI, LHYJMS3-4A105Y-Y3-39-1.9375, 3 HP, 575V 60HZ, 1750 RPM MOTOR, 39 RATIO, 100 FPM, Y3, IMPERIAL, 1.9375 BORE, NO TORQUE ARM			-	-	
3	100009719	100-003	4	INTERMEDIATE, 12 GA, NO ROLLERS, 3 1/2" DP.	12'-0"	43" CW	INT-05		LL-01-UNL2-2, LL-01-UNL1-2
4	100009754	100-004	6	INTERMEDIATE, 10 GA, NO ROLLERS, 3 1/2" DP.	12'-0"	43" CW	INT-06		LL-01-UNL2-2, LL-01-UNL1-2
5	100764850	100-005	2	TAIL, 4 1/2" PULLEY, 7" DP.	2'-0"	43" CW	TAI-10	9-3004-2001-42	LL-01-UNL2-2, LL-01-UNL1-2
6	100009627	100-006	4	NOSEOVER, 7 1/4" DP.	0'-5 5/8"	43" CW	NOS-01		LL-01-UNL2-2, LL-01-UNL1-2
7	100681440	100-007	1	7 STAGE LOADER, DOCK HEIGHT, 40 IN HIGH, STATIONARY STYLE BASE	9'-2 3/4"	30" BF	LOA-04B		LL-01-LOA1-1
8	100319180	100-008	2	EXTENDO, UNL-54 UPS 4 STAGE STD TRAILER UNLOAD, LH	18'-10"	49" CW	UNL-54	9-8384-1001	LL-01-UNL2-1, LL-01-UNL1-1
9	100621589	100-009	2	CONVEYOR, GRV, 35 UPS, RH	16'-0"	3'-0"	ROL-35		LL-01-UNL2-1-GRV, LL-01-UNL1-1-GRV
10	100535390	100-010	2	TRANSFER PLATE, SEGMENTED, TGB-4/102-3/B-42/1067	0'-4"	43" CW	TRA-18S	56213	
11	100010908	100-011	12	SIDE GUARD, PAN-01, 16GA, 12" HT.	12'-0"		PAN-01		
12	100010910	100-012	20	SIDE GUARD, PAN-01, 16GA, 24" HT.	12'-0"		PAN-01		
13	100196811	100-013	8	REMOVABLE SIDE GUARD ANGLES, 10GA, FOR 10" SIDE GUARD	7 1/2"	2 1/2"	PAN-01	5-9900-1023	
14	100515059	100-014	8	WEDGE, 45 DEG, 16GA, 12" HT., WELDED UPS			PAN-01		
15	100838465	100-015	180 ft	CABLE RAIL, CABLE, AIRCRAFT, GALV STEEL 3/16" DIA, 7x19 STD, CLEAR VINYL COATED 5/16" FINISHED OD, 840 lb WORKING LOAD LIMIT, 1 ft UOM				BUYOUT	NO GEOM
16	100838466	100-016	36	CABLE RAIL, CLIP (CLAMP), FOR WIRE ROPE 5/16", MALLEABLE IRON, GALV, MEETS FED SPEC FF-CC-450-TYPE 1, CLASS 1			RAI-01	BUYOUT	NO GEOM
17	100838467	100-017	12	CABLE RAIL, THIMBLE, 5/16" OPEN END GALV STEEL			RAI-01	BUYOUT	NO GEOM
18	100187322	100-018	6	CABLE RAIL, TURNBUCKLE, 3/8-16NC CLEVIS-TO-CLEVIS, 5/16" PIN W/COTTER, 6" TRAVEL, 11-1/2" RETRACTED LG, FORGED GALV STEEL, 1200 lb WORKING LOAD LIMIT			RAI-01	BUYOUT	NO GEOM
19	100187316	100-019	26	CABLE RAIL, WELDED STANDARD ANGLE POST, CTR			RAI-01	4-9900-3083	
20	100187317	100-020	6	CABLE RAIL, WELDED STANDARD END POST, LH			RAI-01	4-9900-3081	
21	100187318	100-021	6	CABLE RAIL, WELDED STANDARD END POST, RH			RAI-01	4-9900-3082	
22	100558016	100-022	20	GUARD, INTERMEDIATE SECTION	4'-0"	43" CW	GUA-08C		
23	100584756	100-023	6	GUARD, INGRESS	10"	43" CW	GUA-19	3-9900-3762-42	
24	100672699	100-024	6	L 3/4" x 3/4" x 1/8" BOTTOM GUARD ANGLE, NOT PAINTED	3'-7"				NO GEOM
25	100634594	100-025	2	GUARDRAIL, L SECTION, 2'-1" HT.	10'-0"	1 1/2"	PLA-03	4-9900-3578	
26	100840570	100-026	2	GUARDRAIL, F SECTION, 3'-10" HT.	10'-0"	1 1/2"	PLA-03	4-9900-3629	
27	100575096	100-027	4	GUARDRAIL, L SECTION, 2'-1" HT.	5'-0"	1 1/2"	PLA-03	4-9900-3427	
28	100840569	100-028	4	GUARDRAIL, F SECTION, 3'-10" HT.	5'-0"	1 1/2"	PLA-03	4-9900-3628	
29	100033444	100-029	6	TOE PLATE, 0'-1/8" x 0'-4" x 20'-0", SS02	20'-0"	0'-1/8"	PLT-1001		NO GEOM
30	100033033	100-030	6	INTERMEDIATE REINFORCING ANGLE 1" X 1" X 1/4" 3'-6 5/8" LG, NOT PAINTED		43" CW			NO GEOM
31	100748850	100-031	56	ANCHOR BOLT, NON-SEISMIC CS WEDGE HILTI KWIKBOLT KB1	5 1/2"	1/2" DIA		2139993	NO GEOM
32	100033300	100-032	40	SUPPORT, ANGLE CLIP L3x3x.25 WITH HOLE	2 1/2"		SUP-01	3-9900-1162	
33	100033427	100-033	8	SUPPORT, BASE PLATE FOR 3x3 LEG WITH HOLES	8"	8"	SUP-09	4-9900-2000	
34	100033418	100-034	20	SUPPORT, FORMED ANGLE SUP-08 UPS FOR 3.5in BED	6"	1 5/16"	SUP-08	3-9900-1110	
35	100831696	100-035	2	BELT HARDWARE, LACING, 0.065	172 in	0.054		3HT-WIDE, 05362	LL-01-UNL2-2[86 in], LL-01-UNL1-2[86 in]
36	100831700	100-036	2	BELT HARDWARE, PIN, NYLOSTEEL 0.093	86 in	0.093		NY093-C, 02628	LL-01-UNL2-2[43 in], LL-01-UNL1-2[43 in]
37	100607998	100-037	2	BELT, APH150HTS, 41.5 BW	198 ft	41.5 BW		APH150HTS	LL-01-UNL2-2[99 ft], LL-01-UNL1-2[99 ft]

ITEM	ERP NUMBER	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
500	100011537	100-500	2	PLATFORM, 3 x 1.5 x 11GA, w/ 19W4 1 x 3/16, BRG BAR PARALLEL TO LENGTH	8'-0"	2'-0"	PLA-09	4-9900-3319	
501	100011511	100-501	2	PLATFORM, 3 x 1.5 x 11GA, w/ 19W4 1 x 3/16, BRG BAR PARALLEL TO LENGTH	8'-0"	3'-0"	PLA-09	4-9900-3098	
502	100657111	100-502	2	STAIR, EL. 5'-9", HANDRAIL 0001		3'-0"	STAIR	4-9612-1069-0001	
503	100306450	100-503	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	2'-7 1/8"	3"			SS03
504	100306964	100-504	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	4'-1 1/4"	3"			SS03
505	100307020	100-505	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	4'-6 1/4"	3"			SS03
506	100307029	100-506	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	4'-7 3/8"	3"			SS03
507	100307052	100-507	8	STEEL, SQ. TUBE, 3" x 3" x 11GA	5'-0 1/4"	3"			SS03
508	100307386	100-508	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	8'-4"	3"			SS03
509	100307358	100-509	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	8'-10 1/2"	3"			SS03
510	100307436	100-510	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	9'-0 1/4"	3"			SS03
511	100307514	100-511	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	9'-8"	3"			SS03
512	100304942	100-512	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	10'-0 1/2"	3"			SS03
513	100316325	100-513	16	STEEL, SQ. TUBE, 3" x 3" x 11GA	2'-1 1/2"	3"			SS08
514	100320137	100-514	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	3'-7 1/2"	3"			SS18
515	100320139	100-515	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	3'-7 3/4"	3"			SS18
516	100344410	100-516	4	STEEL, RECT. TUBE, 4" x 3" x 1/4"	5'-0"	3"			SS03

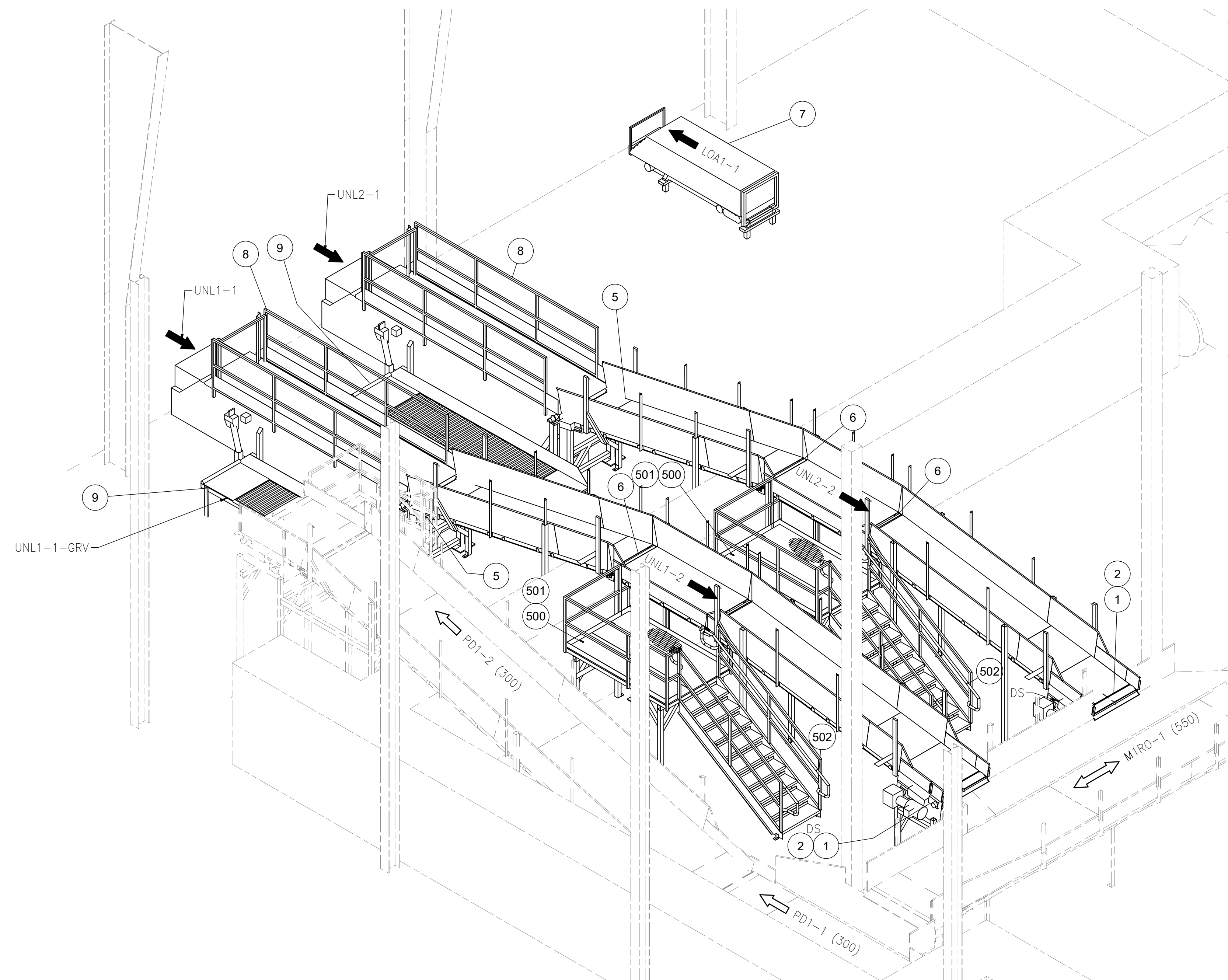
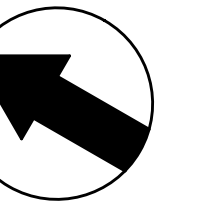
### SUBMITTAL REVIEW

- APPROVED (A)
- APPROVED AS NOTED (AN)
- NOT APPROVED, REVISE AND RESUBMIT (NA)

REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_  
REVIEW OF THIS DRAWING COVERS GENERAL CONFORMITY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS AND DOES NOT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

0	SUBMITTED FOR UPS APPROVAL		6/21/2024	C RENNIRT
REV	DESCRIPTION		DATE	BY
REVISION HISTORY				
<h1>FORTNA</h1>			<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS		DATE	TITLE	
MODEL	A COLPO	6/5/2024	<b>B.O.M.</b> <b>UNL1-1 THRU LOA1-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>	
DRAWN	A COLPO	6/18/2024		
CHECKED	T SLOANECKER	6/21/2024		
ENGR				
MCP NUMBER	SCALE	AS SHOWN	SIZE	DWG NO
			D	LP0003524M-100
				SHEET
				1 OF 5
				REV
				0





ISOMETRIC VIEW  
 UNL1-1 THRU LOA1-1  
 (BLDG WALL & PD1-3 REMOVED FOR CLARITY)  
 SCALE 1/4" = 1'-0"

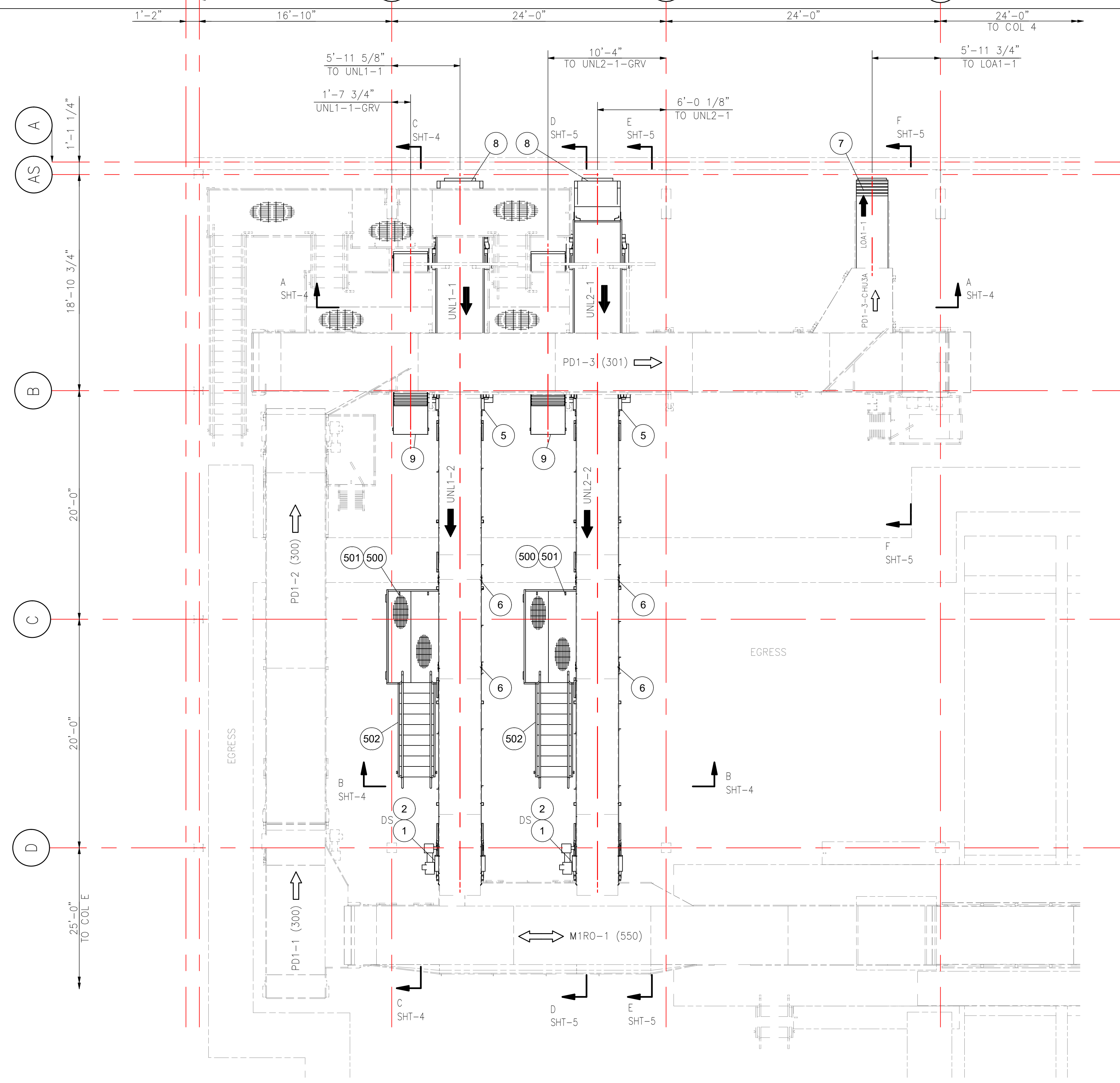
**SUBMITTAL REVIEW**

- APPROVED (A)
- APPROVED AS NOTED (AN)
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REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

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REVISION HISTORY			
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APPROVALS		DATE	TITLE
MODEL	A COLPO	6/5/2024	<b>ISOMETRIC VIEW</b> <b>UNL1-1 THRU LOA1-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	A COLPO	6/18/2024	
CHECKED	T SLONECKER	6/21/2024	
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-100	2 OF 5
			REV 0



- FIELD NOTES: (UPS)**
1. ALL ELEVATIONS TAKEN FROM FINISHED FLOOR (0'-0") UNLESS OTHERWISE NOTED.
  2. SUPPORT LEGS TO HAVE 1/2" ALLOWANCE OFF FLOOR WHEN USING SUPPORT CLIPS & 1" ALLOWANCE WHEN USING BASE PLATES. INSTALLER RESPONSIBLE FOR ACHIEVING PROPER ELEVATIONS.
  3. \*\* DENOTES ODD LENGTH INTERMEDIATE SECTION TO BE CUT FROM STANDARD 12'-0" LG. INTERMEDIATE SECTION & FIT AFTER FINAL ASSEMBLY.
  4. INSTALLER TO VERIFY ANY EXISTING CONVEYORS, PLATFORMS, SUPPORT STEEL & BUILDING CONDITIONS PRIOR TO INSTALLATION.
  5. INSTALLER TO SET GUARDRAIL AND TOE PLATE ON ALL SIDES OF ALL PLATFORMS AS REQ'D PER CUSTOMER SPEC. HANDRAIL & TOE PLATE MAY OR MAY NOT BE SHOWN AT TIMES.
  6. FIELD TO VERIFY DRIVE AND TAIL SUPPORTS TO ENSURE GUARD DRIVE OPEN WITHOUT INTERFERENCE.
  7. INSTALLER TO VERIFY TUBE STEEL LENGTH BEFORE INSTALLATION AND CUT TO LENGTH AS NEEDED.
  8. SEE SHEET 1 FOR BILL OF MATERIALS.
  9. INGRESS GUARDS ARE REQ'D @ ENTRY OF EACH DRIVE, TAIL AND NOSEOVER OF ALL CONVEYORS.
  10. CABLE RAIL REQUIREMENTS ARE AS FOLLOWS: MAXIMUM SPACING OF POSTS NOT TO EXCEED 8'-0" CTR TO CTR FOR ALL CONVEYORS 4'-0" ABOVE FINISHED FLOOR. MAXIMUM SPACING OF POSTS NOT TO EXCEED 6'-0" CTR TO CTR FOR ALL DOUBLE STACK CONVEYORS. CABLE RAIL IS REQUIRED ON BOTH SIDES OF CONVEYOR UNLESS NOTED OTHERWISE. REFERENCE RAI-01 SPEC SHT. 1 FOR INTERMEDIATES AND SHT. 2 FOR SLI-13.
  11. INSTALLER TO VERIFY AND INSTALL ALL REQUIRED GUARDING.
  12. GRAVITY BOLTED SUPPORTS ARE TO BE CENTERED AT SPLICE POINTS, ALIGNED TO ENDS AND CONSISTENTLY IN SIMILAR AREAS WITH MAXIMUM 6FT LENGTHWISE CENTER SPACING (EXCEPT WHERE OTHERWISE NOTED OR CLEARLY DIMENSIONED).

**PLAN VIEW**  
 UNL1-1 THRU LOA1-1  
 (PD1-3-CHU'S REMOVED FOR CLARITY)  
 SCALE 3/16" = 1'-0"

**LACING NOTES: (UPS)**  
 SEE UPS BSC-01 FOR BELT LACE AND PIN TYPE.  
 USE 7 DEGREE BIAS CUT FOR ALL BELTS OVER 200 FPM.  
 USE DURA LINK PIN FOR ALL BELTS OVER 200 FPM

CONV NAME	WIDTH	O.A.L. LENGTH	BELT TYPE	FPM	HP
UNL1-1	43"	18'-7"	EXTENDO	120	4
UNL1-2	43"	42'-10 1/16"	APH150HTS	83	3
UNL2-1	43"	18'-7"	EXTENDO	120	4
UNL2-2	43"	42'-10 1/16"	APH150HTS	83	3

**SUBMITTAL REVIEW**

APPROVED (A)

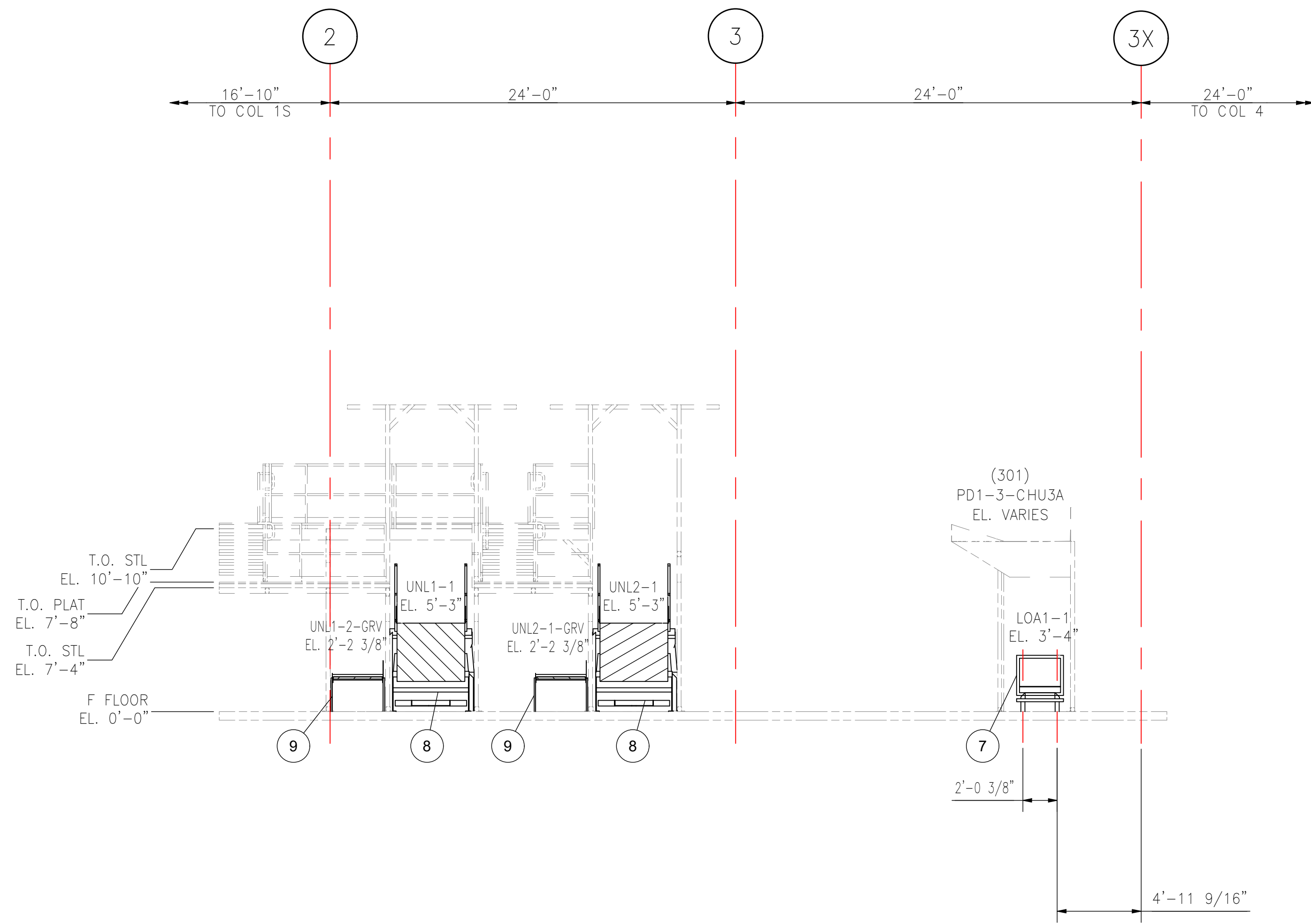
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NOT APPROVED, REVISE AND RESUBMIT (NA)

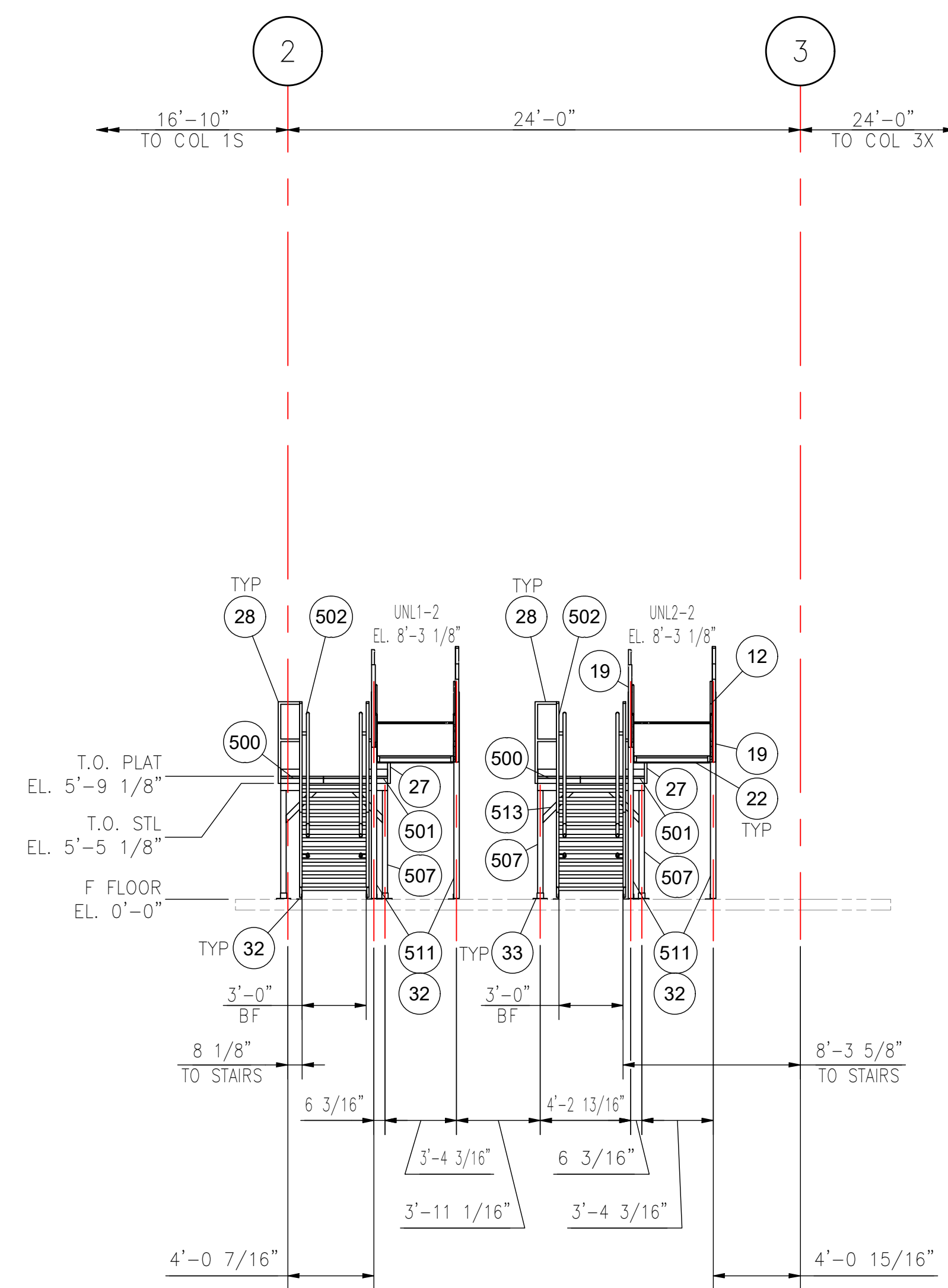
REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

REVIEW OF THIS DRAWING COVERS GENERAL CONFORMITY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS AND DOES NOT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

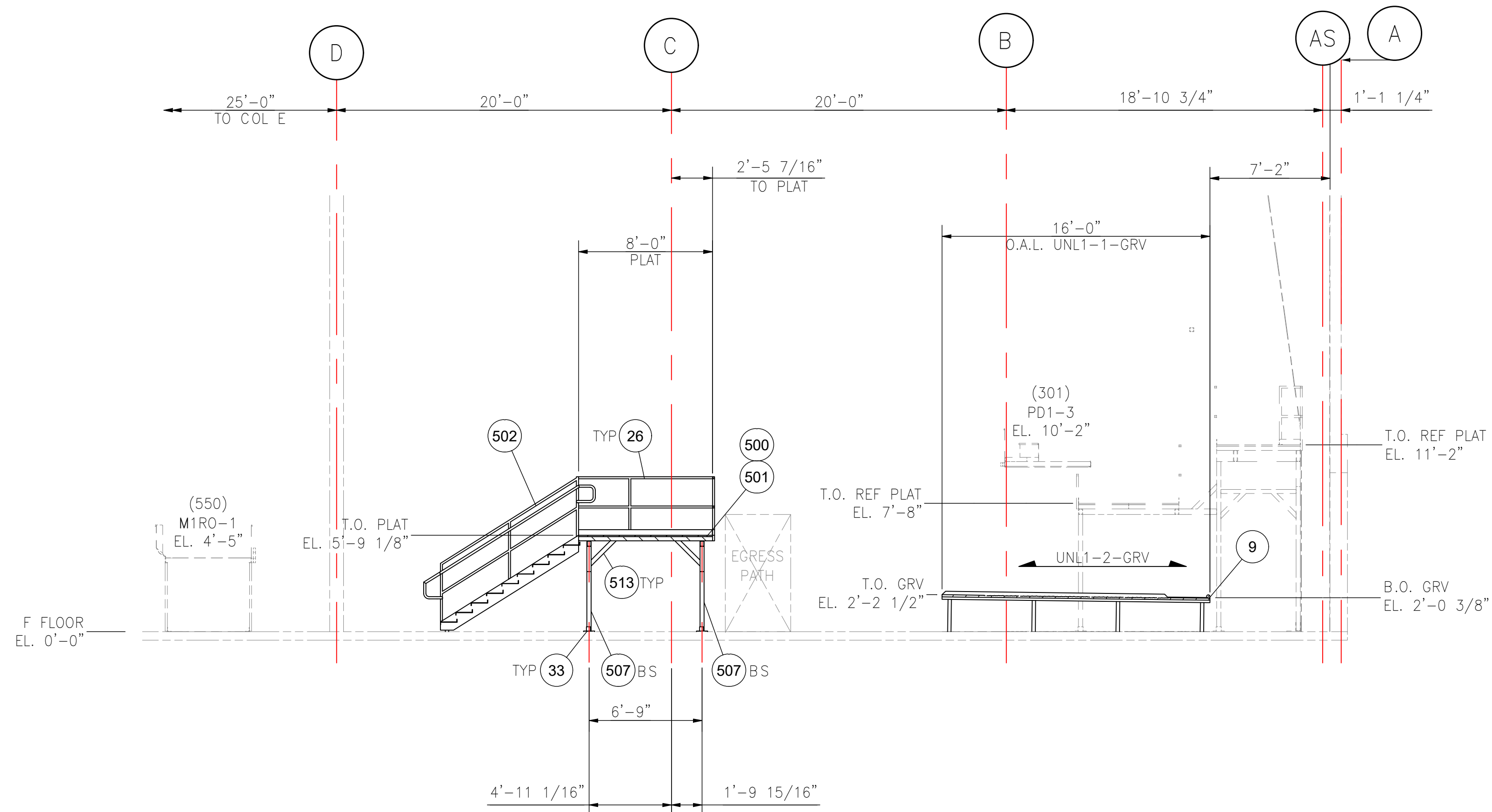
0	SUBMITTED FOR UPS APPROVAL	6/21/2024	C RENNIRT
REV	DESCRIPTION	DATE	BY
REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS		DATE	TITLE
MODEL	A COLPO	6/5/2024	<b>PLAN VIEW</b> UNL1-1 THRU LOA1-1 UPS - ST. CATHERINE'S, ON, CA
DRAWN	A COLPO	6/18/2024	
CHECKED	T SLONECKER	6/21/2024	
ENGR			
MCP NUMBER		SIZE	DWG NO
SCALE AS SHOWN		D	LP0003524M-100
			SHEET REV
			3 OF 5 0



VIEW A-A  
UNL1-1 THRU LOA1-1  
SCALE 3/16" = 1'-0"



VIEW B-B  
UNL1-1 THRU LOA1-1  
SCALE 3/16" = 1'-0"



VIEW C-C  
UNL1-1 THRU LOA1-1  
SCALE 3/16" = 1'-0"

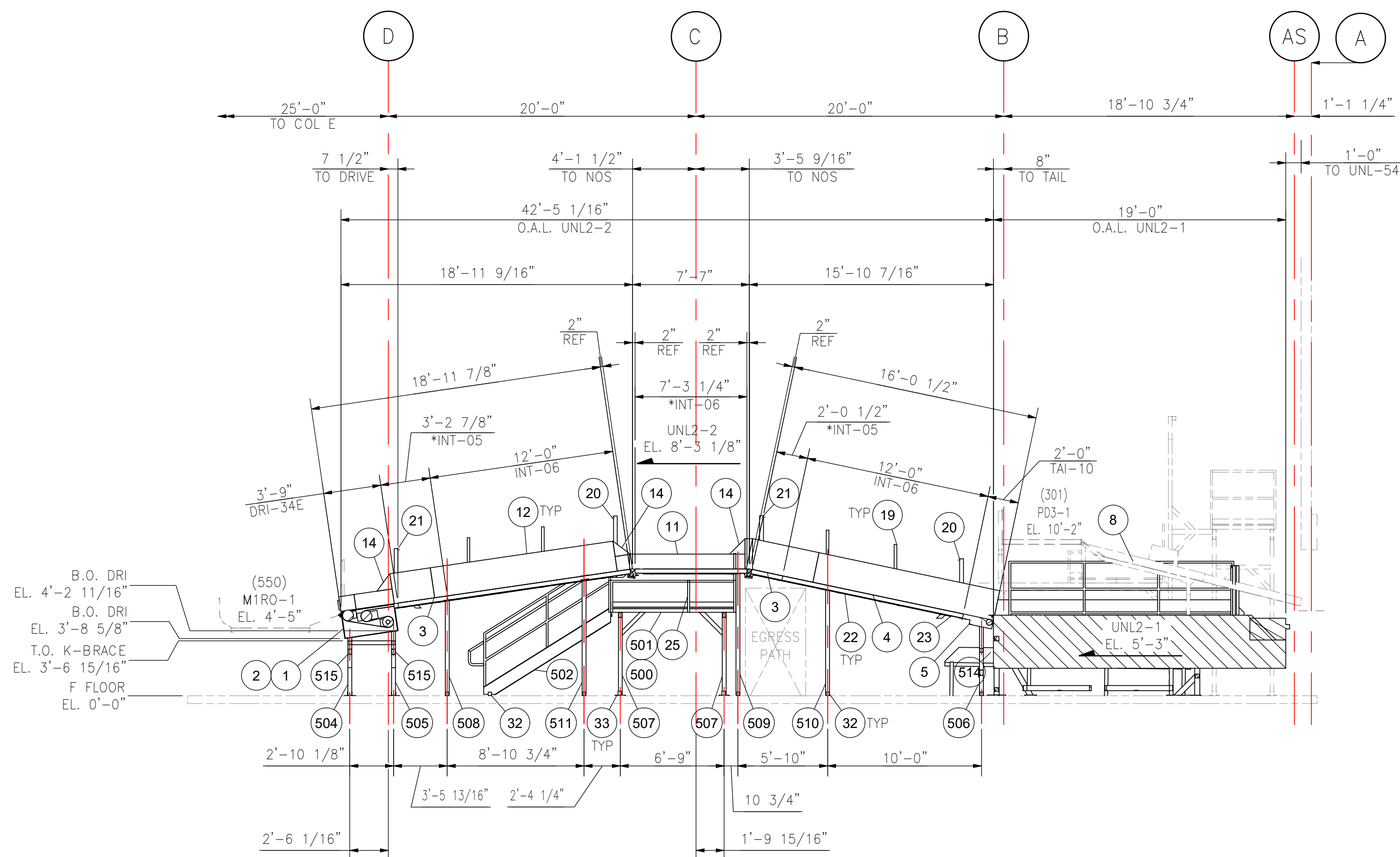
**SUBMITTAL REVIEW**

- APPROVED (A)
- APPROVED AS NOTED (AN)
- NOT APPROVED, REVISE AND RESUBMIT (NA)

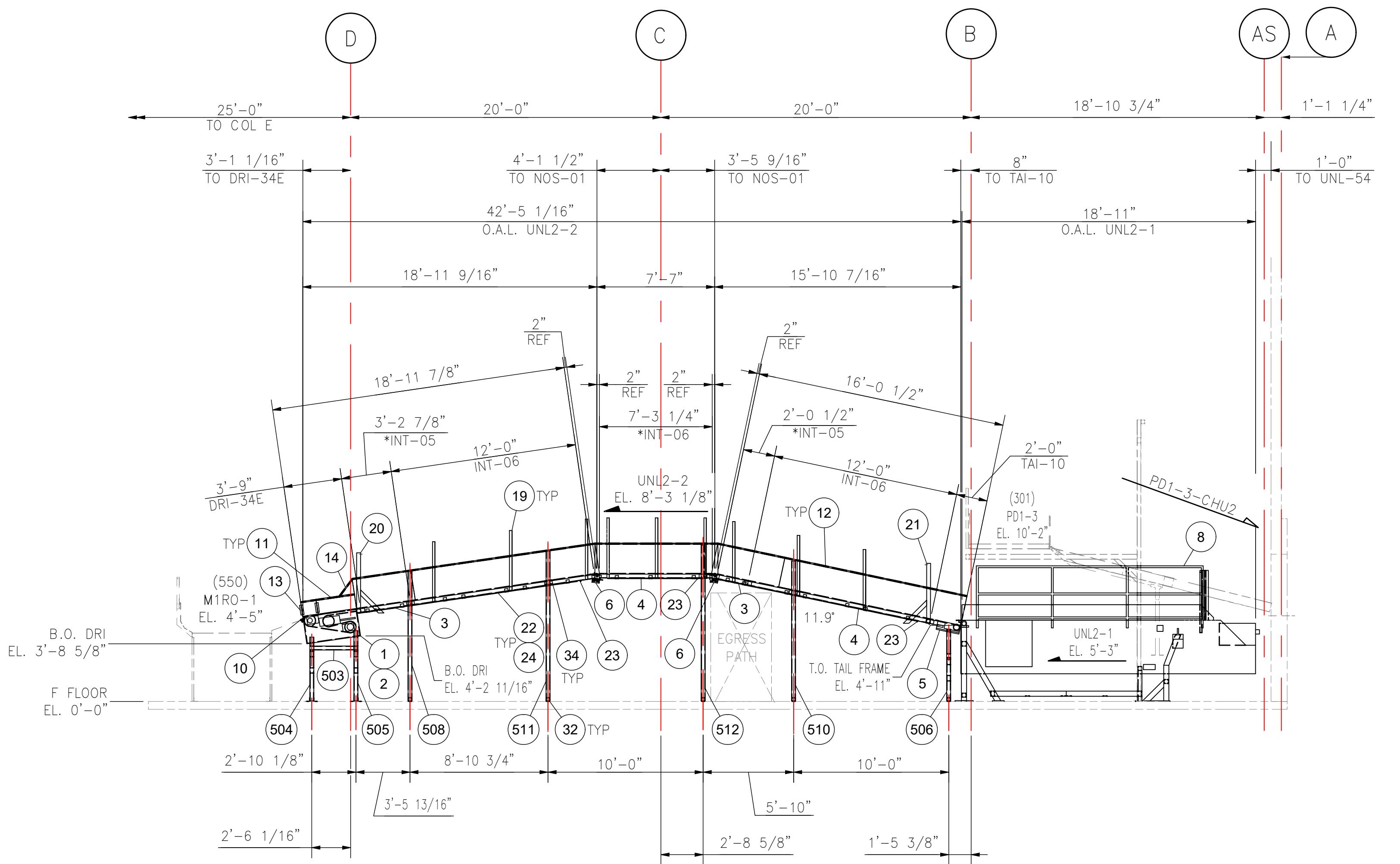
REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

REVIEW OF THIS DRAWING COVERS GENERAL CONFORMITY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS AND DOES NOT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

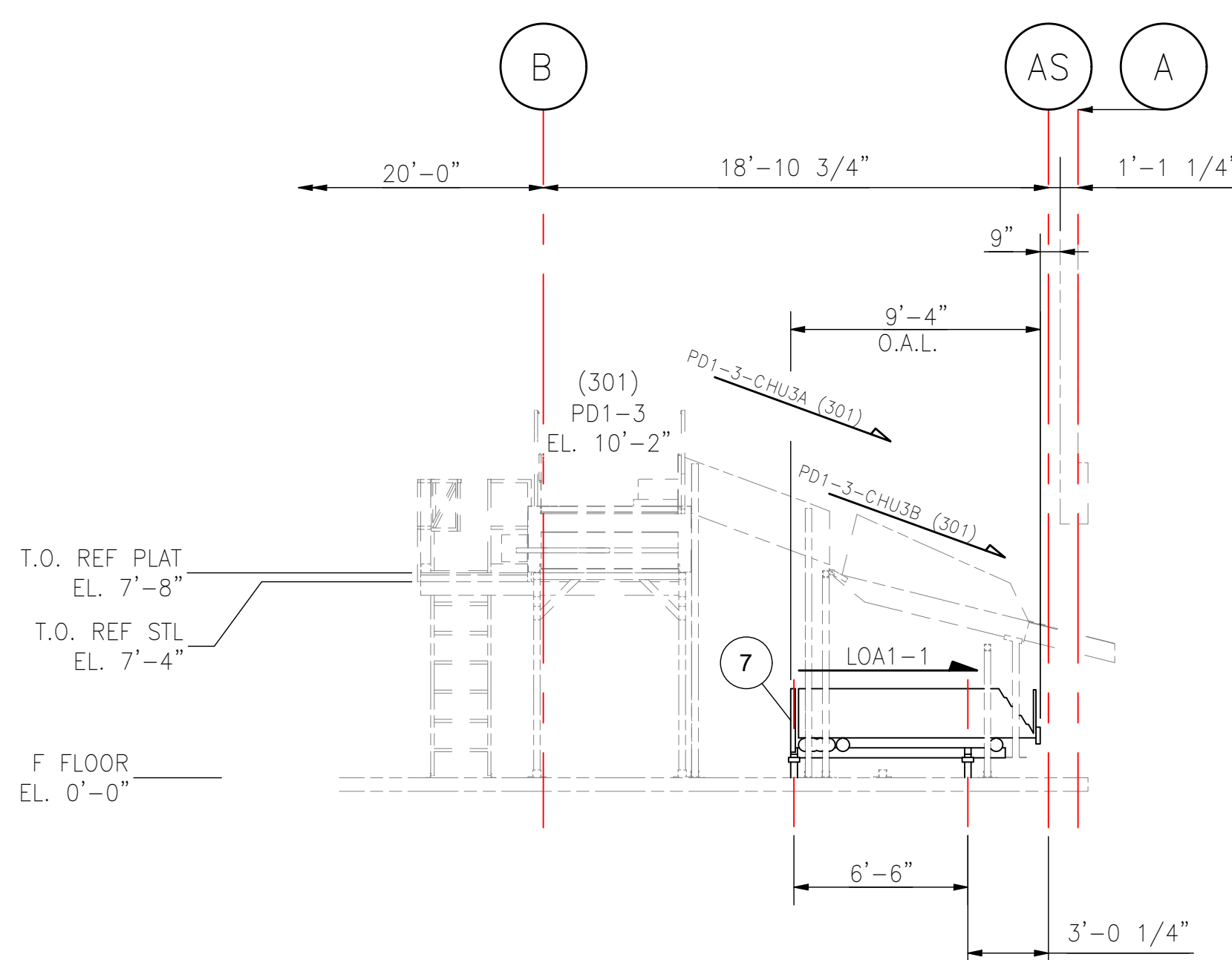
0	SUBMITTED FOR UPS APPROVAL	6/21/2024	C RENNIRT
REV	DESCRIPTION	DATE	BY
REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS		DATE	TITLE
MODEL	A COLPO	6/5/2024	<b>VIEW A-A &amp; B-B</b> <b>UNL1-1 THRU LOA1-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	A COLPO	6/18/2024	
CHECKED	T SLONECKER	6/21/2024	
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-100	4 OF 5
			REV 0



VIEW D-D  
UNL1-1 THRU LOA1-1  
(FAR SIDE VIEW)  
SCALE 3/16" = 1'-0"



VIEW E-E  
UNL1-1 THRU LOA1-1  
(NEAR SIDE VIEW)  
SCALE 3/16" = 1'-0"



VIEW F-F  
UNL1-1 THRU LOA1-1  
SCALE 3/16" = 1'-0"

**SUBMITTAL REVIEW**

APPROVED (A)

APPROVED AS NOTED (AN)

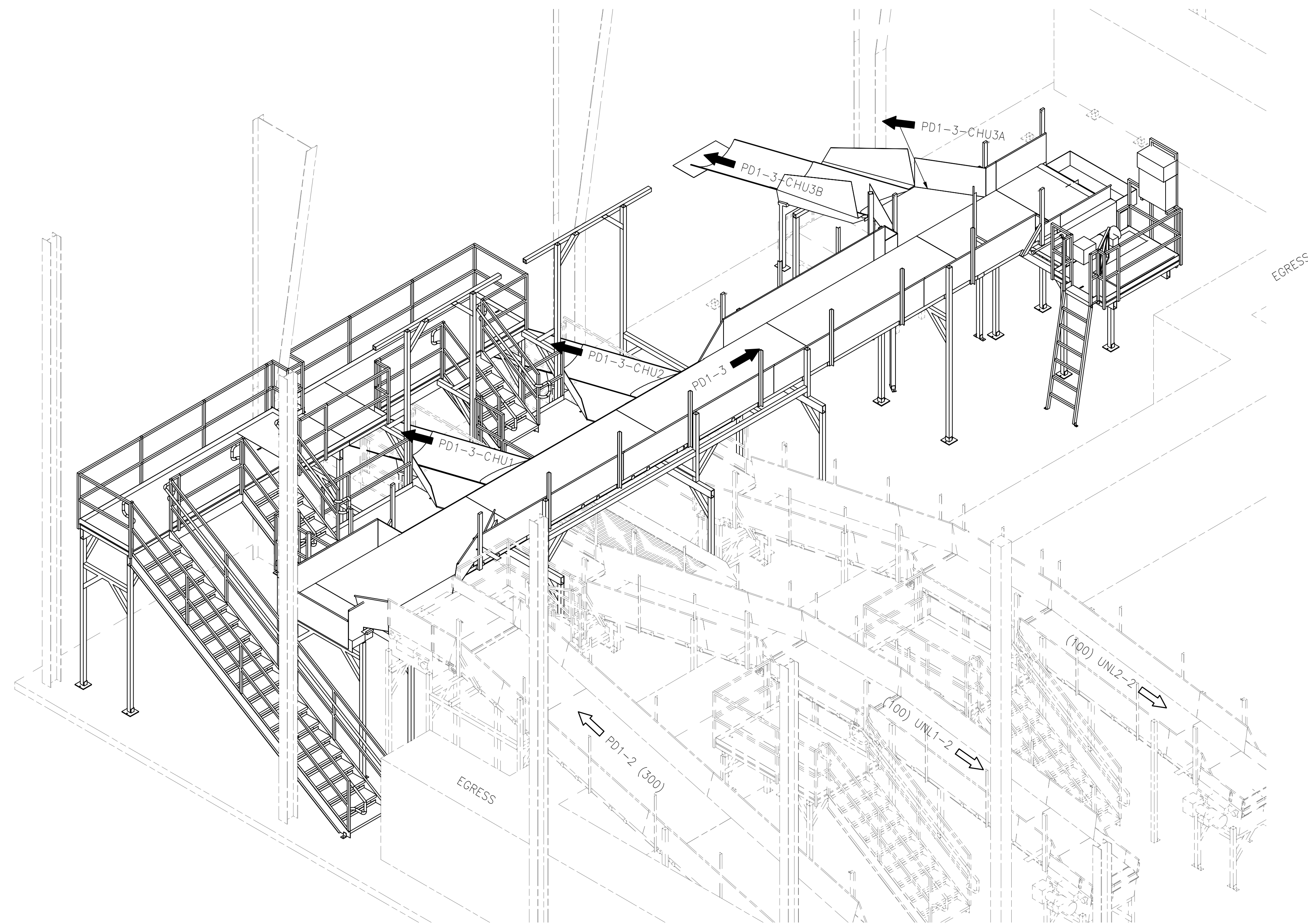
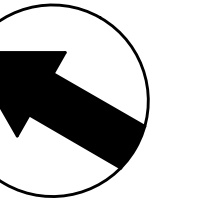
NOT APPROVED, REVISE AND RESUBMIT (NA)

REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

REVIEW OF THIS DRAWING COVERS GENERAL CONFORMITY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS AND DOES NOT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

0	SUBMITTED FOR UPS APPROVAL	6/21/2024	C RENNIRT
REV	DESCRIPTION	DATE	BY
REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS	DATE	TITLE	
MODEL	A COLPO	6/5/2024	<b>VIEW C-C &amp; D-D</b> <b>UNL1-1 THRU LOA1-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	A COLPO	6/18/2024	
CHECKED	T SLONECKER	6/21/2024	
ENGR			
MCP NUMBER	SCALE AS SHOWN	SIZE D	DWG NO LP0003524M-100 SHEET 5 OF 5 REV 0





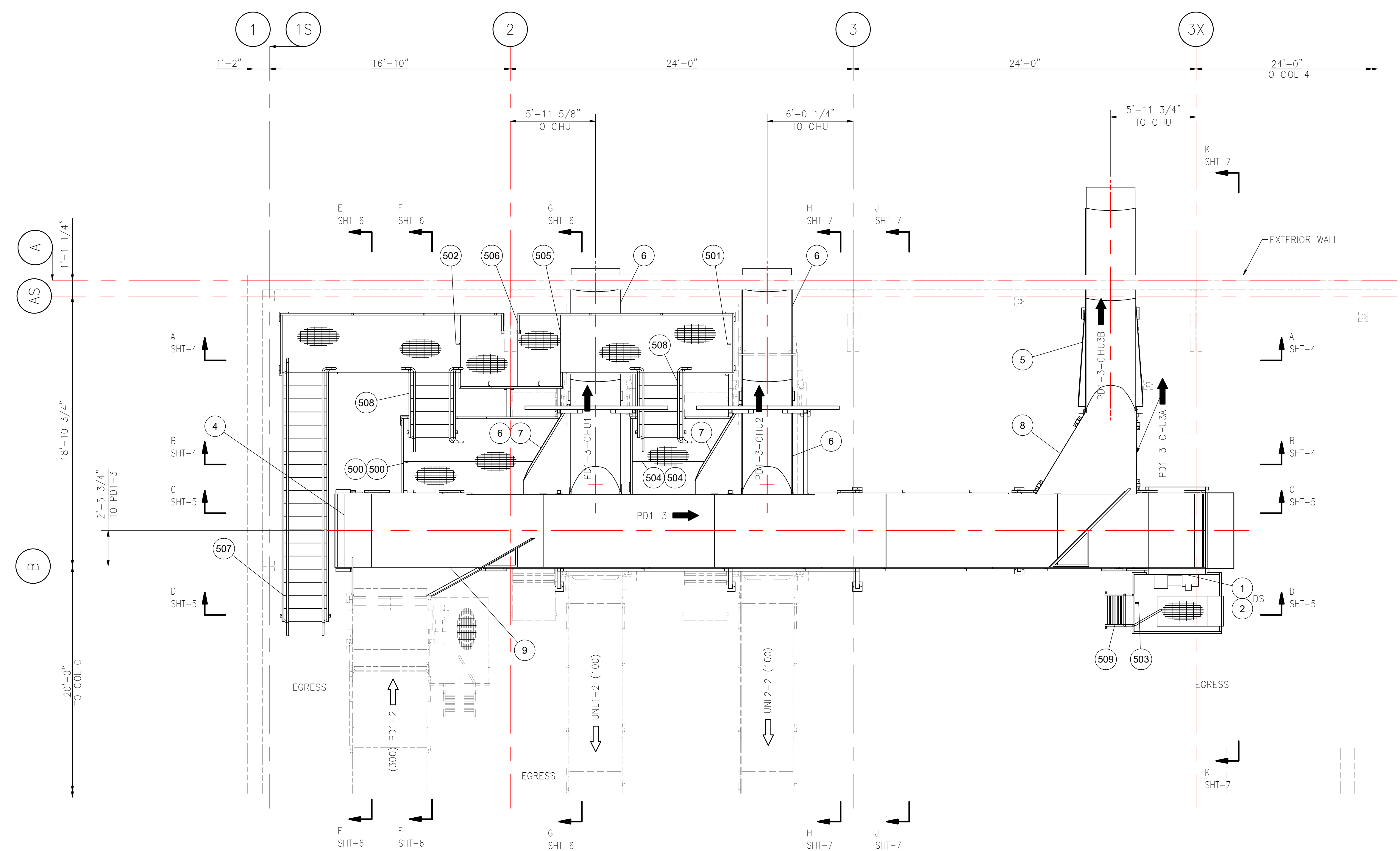
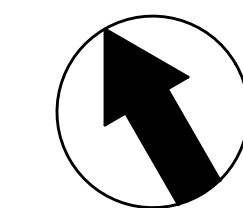
ISOMETRIC VIEW  
 PD1-3 THRU PD1-3-CHU3B  
 (BLDG WALL REMOVED FOR CLARITY)  
 SCALE 1/4" = 1'-0"

**SUBMITTAL REVIEW**

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REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_  
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REV	DESCRIPTION	DATE	BY
REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS	DATE	TITLE	
MODEL A COLPO	6/5/2024	ISOMETRIC VIEW PD1-3 THRU PD1-2-CHU3B UPS - ST. CATHERINE'S, ON, CA	
DRAWN A COLPO	6/21/2024		
CHECKED T SLONECKER	6/26/2024		
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-301	2 OF 9
			REV 0



**PLAN VIEW**  
 PD1-3 THRU PD1-3-CHU3B  
 SCALE 1/4" = 1'-0"

**FIELD NOTES: (UPS)**

1. ALL ELEVATIONS TAKEN FROM FINISHED FLOOR (0'-0") UNLESS OTHERWISE NOTED.
2. SUPPORT LEGS TO HAVE 1/2" ALLOWANCE OFF FLOOR WHEN USING SUPPORT CLIPS & 1" ALLOWANCE WHEN USING BASE PLATES. INSTALLER RESPONSIBLE FOR ACHIEVING PROPER ELEVATIONS.
3. \*\*DENOTES ODD LENGTH INTERMEDIATE SECTION TO BE CUT FROM STANDARD 12'-0" LG. INTERMEDIATE SECTION & FIT AFTER FINAL ASSEMBLY.
4. INSTALLER TO VERIFY ANY EXISTING CONVEYORS, PLATFORMS, SUPPORT STEEL & BUILDING CONDITIONS PRIOR TO INSTALLATION.
5. INSTALLER TO SET GUARDRAIL AND TOE PLATE ON ALL SIDES OF ALL PLATFORMS AS REQ'D PER CUSTOMER SPEC. HANDRAIL & TOE PLATE MAY OR MAY NOT BE SHOWN AT TIMES.
6. FIELD TO VERIFY DRIVE AND TAIL SUPPORTS TO ENSURE GUARD CAN OPEN WITHOUT INTERFERENCE.
7. INSTALLER TO VERIFY TUBE STEEL LENGTH BEFORE INSTALLATION AND CUT TO LENGTH AS NEEDED.
8. SEE SHEET 1 FOR BILL OF MATERIALS.
9. INGRESS GUARDS ARE REQ'D @ ENTRY OF EACH DRIVE, TAIL AND NOSEOVER OF ALL CONVEYORS.
10. CABLE RAIL REQUIREMENTS ARE AS FOLLOWS: MAXIMUM SPACING OF POSTS NOT TO EXCEED 8'-0" CTR TO CTR FOR ALL CONVEYORS 4'-0" ABOVE FINISHED FLOOR. MAXIMUM SPACING OF POSTS NOT TO EXCEED 6'-0" CTR TO CTR FOR ALL DOUBLE STACK CONVEYORS. CABLE RAIL IS REQUIRED ON BOTH SIDES OF CONVEYOR UNLESS NOTED OTHERWISE. REFERENCE RAI-01 SPEC SHT. 1 FOR INTERMEDIATES AND SHT. 2 FOR SLI-13.
11. INSTALLER TO VERIFY AND INSTALL ALL REQUIRED GUARDING.
12. GRAVITY BOLTED SUPPORTS ARE TO BE CENTERED AT SPLICE POINTS, ALIGNED TO ENDS AND CONSISTENTLY IN SIMILAR AREAS WITH MAXIMUM 6FT LENGTHWISE CENTER SPACING (EXCEPT WHERE OTHERWISE NOTED OR CLEARLY DIMENSIONED).

- LACING NOTES: (UPS)**  
 SEE UPS BSC-01 FOR BELT LACE AND PIN TYPE.  
 USE 7 DEGREE BIAS CUT FOR ALL BELTS OVER 200 FPM.  
 USE DURA LINK PIN FOR ALL BELTS OVER 200 FPM

**SUBMITTAL REVIEW**

APPROVED (A)

APPROVED AS NOTED (AN)

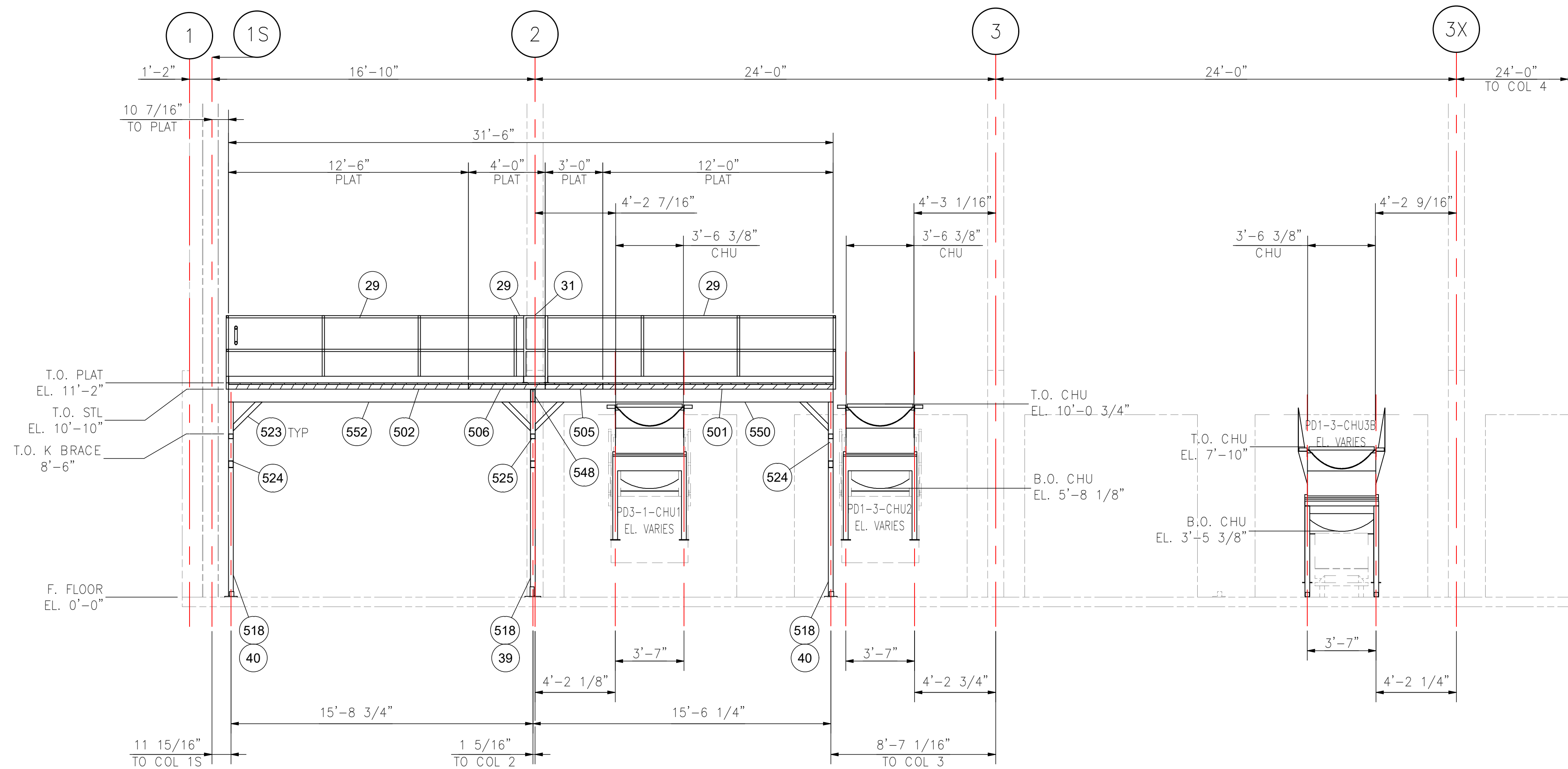
NOT APPROVED, REVISE AND RESUBMIT (NA)

REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

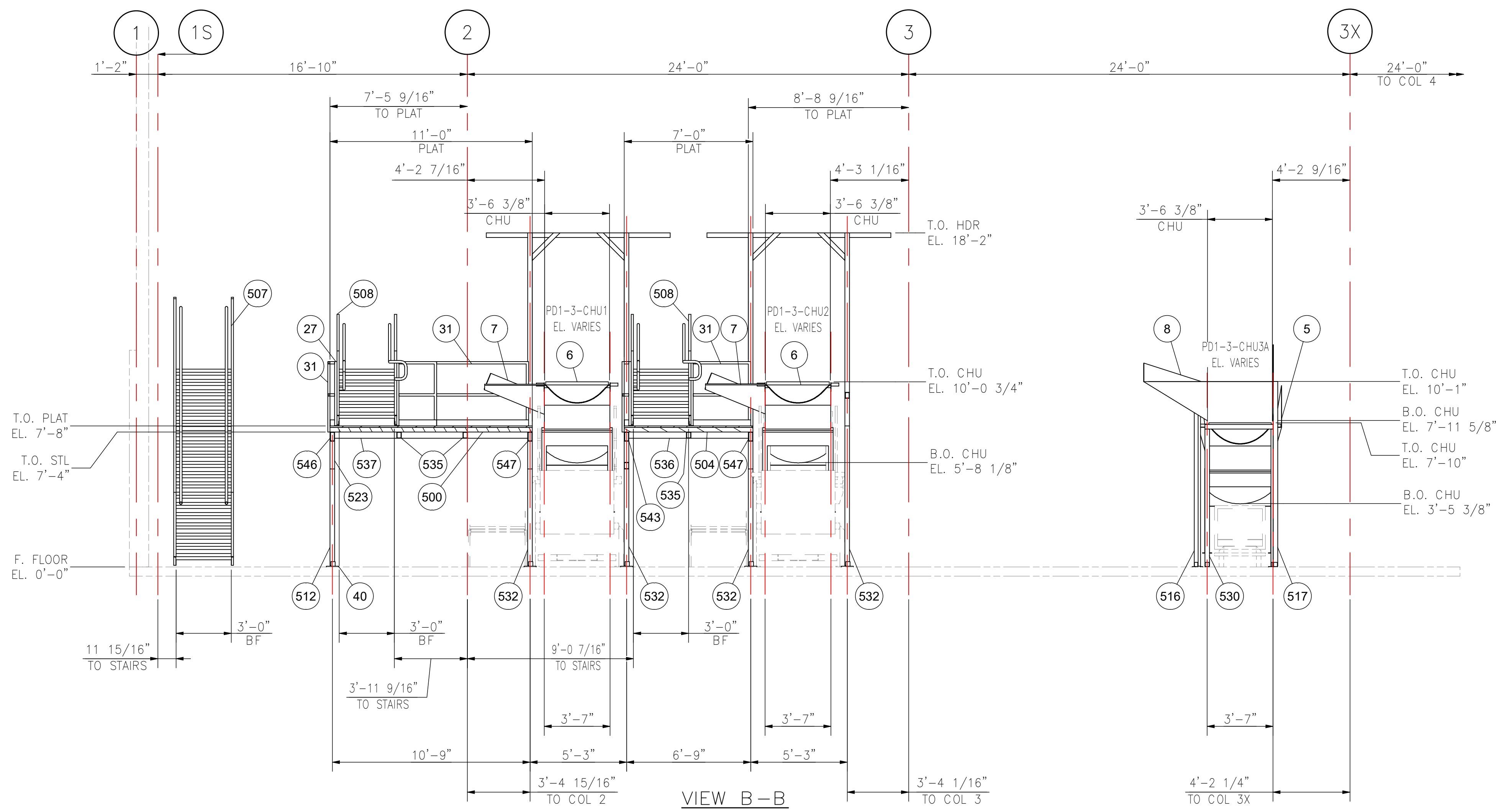
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REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS	DATE	TITLE	
MODEL A COLPO	6/5/2024	PLAN VIEW	
DRAWN A COLPO	6/21/2024	PD1-3 THRU PD1-2-CHU3B	
CHECKED T SLONECKER	6/26/2024	UPS - ST. CATHERINE'S, ON, CA	
ENGR		SIZE	D
MCP NUMBER		DWG NO	LP0003524M-301
SCALE AS SHOWN		SHEET	3 OF 9
		REV	0

CONV NAME	WIDTH	O.A.L. LENGTH	BELT TYPE	FPM	HP
PD1-3	61.5"	60'-11 7/8"	RPH3-200 BXB-FR	100	5



VIEW A-A  
 PD1-3 THRU PD1-3-CHU3B  
 SCALE 1/4" = 1'-0"



VIEW B-B  
 PD1-3 THRU PD1-3-CHU3B  
 SCALE 1/4" = 1'-0"

**SUBMITTAL REVIEW**

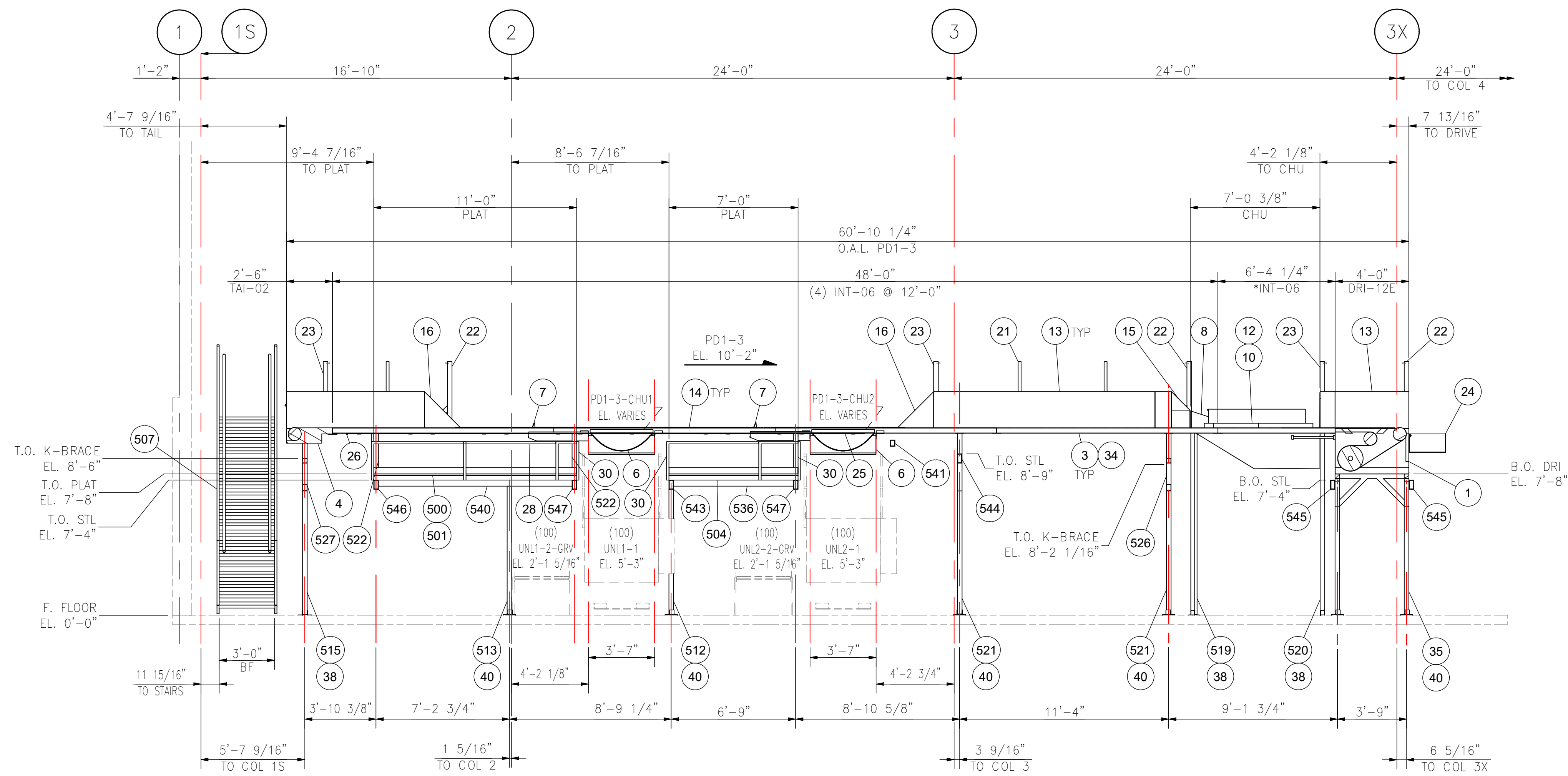
APPROVED (A)  
 APPROVED AS NOTED (AN)  
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REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

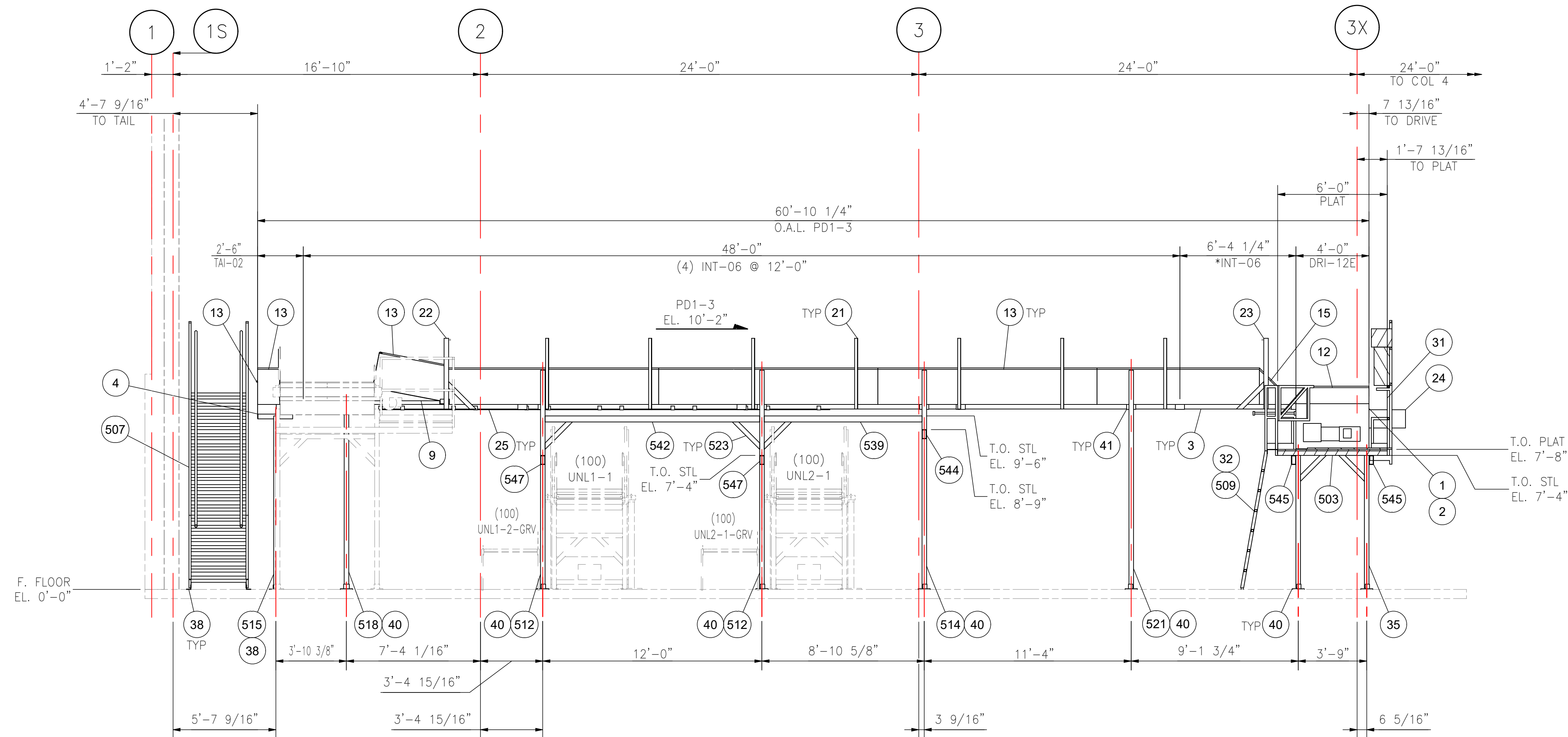
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REVISION HISTORY			
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APPROVALS		DATE	TITLE
MODEL	A COLPO	6/5/2024	VIEW A-A & B-B
DRAWN	A COLPO	6/21/2024	PD1-3 THRU PD1-2-CHU3B
CHECKED	T SLONECKER	6/26/2024	UPS - ST. CATHERINE'S, ON, CA
ENGR			
MCP NUMBER		SIZE	DWG NO
SCALE AS SHOWN		D	LP0003524M-301
		SHEET	REV
		4 OF 9	0





VIEW C-C  
 PD1-3 THRU PD1-3-CHU3B  
 (FAR SIDE VIEW)  
 SCALE 1/4" = 1'-0"



VIEW D-D  
 PD1-3 THRU PD1-3-CHU3B  
 (NEAR SIDE VIEW)  
 SCALE 1/4" = 1'-0"

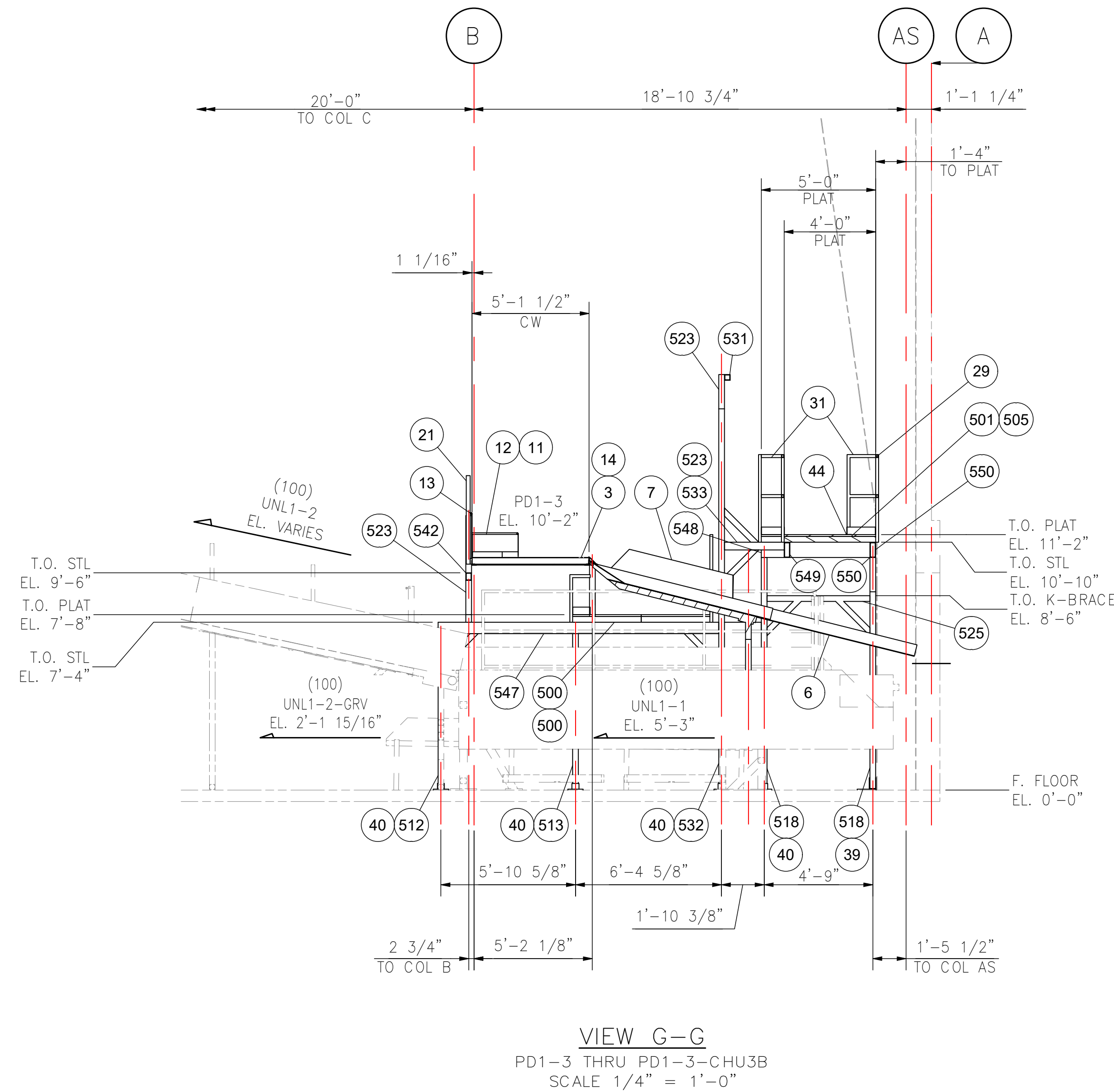
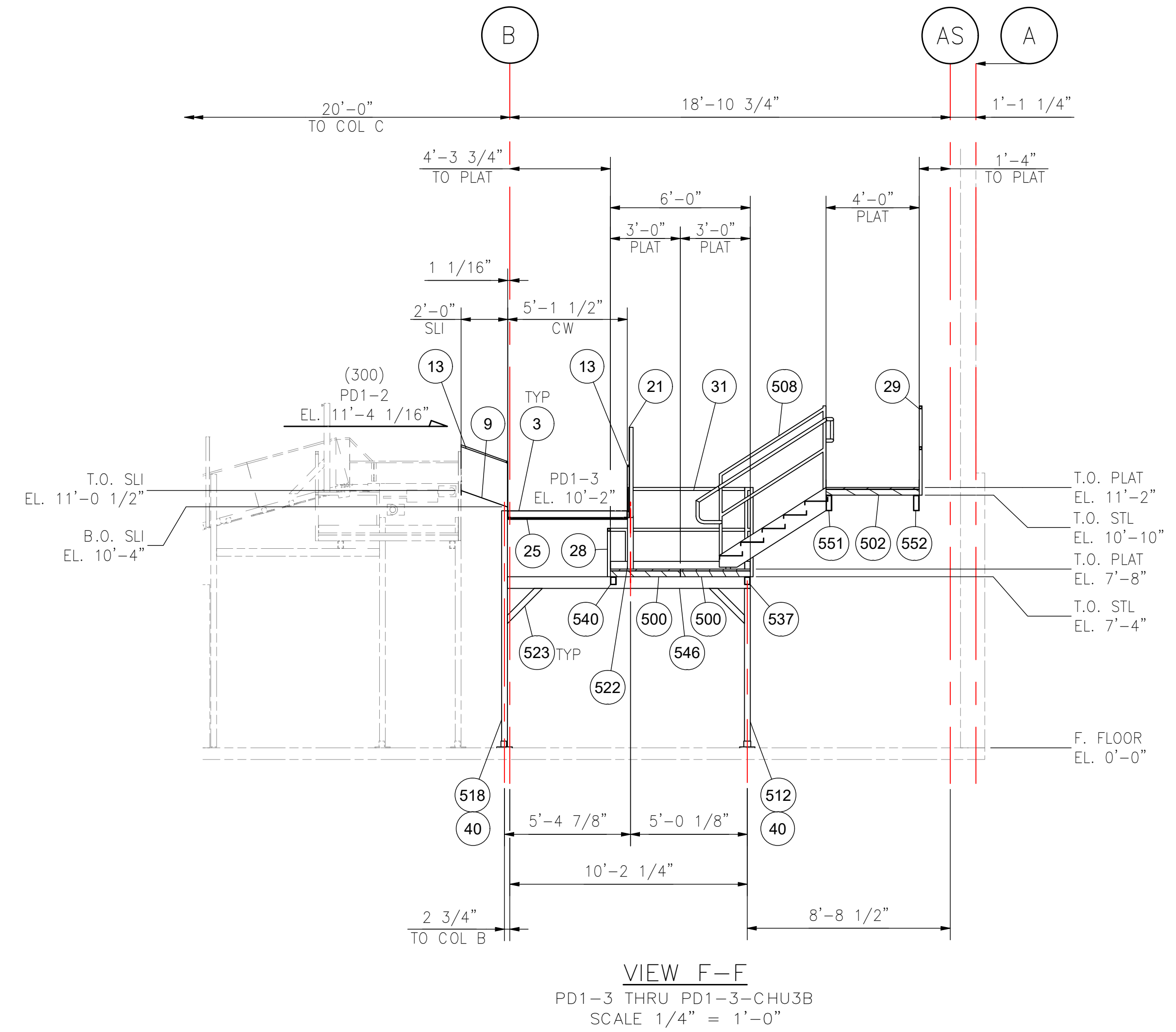
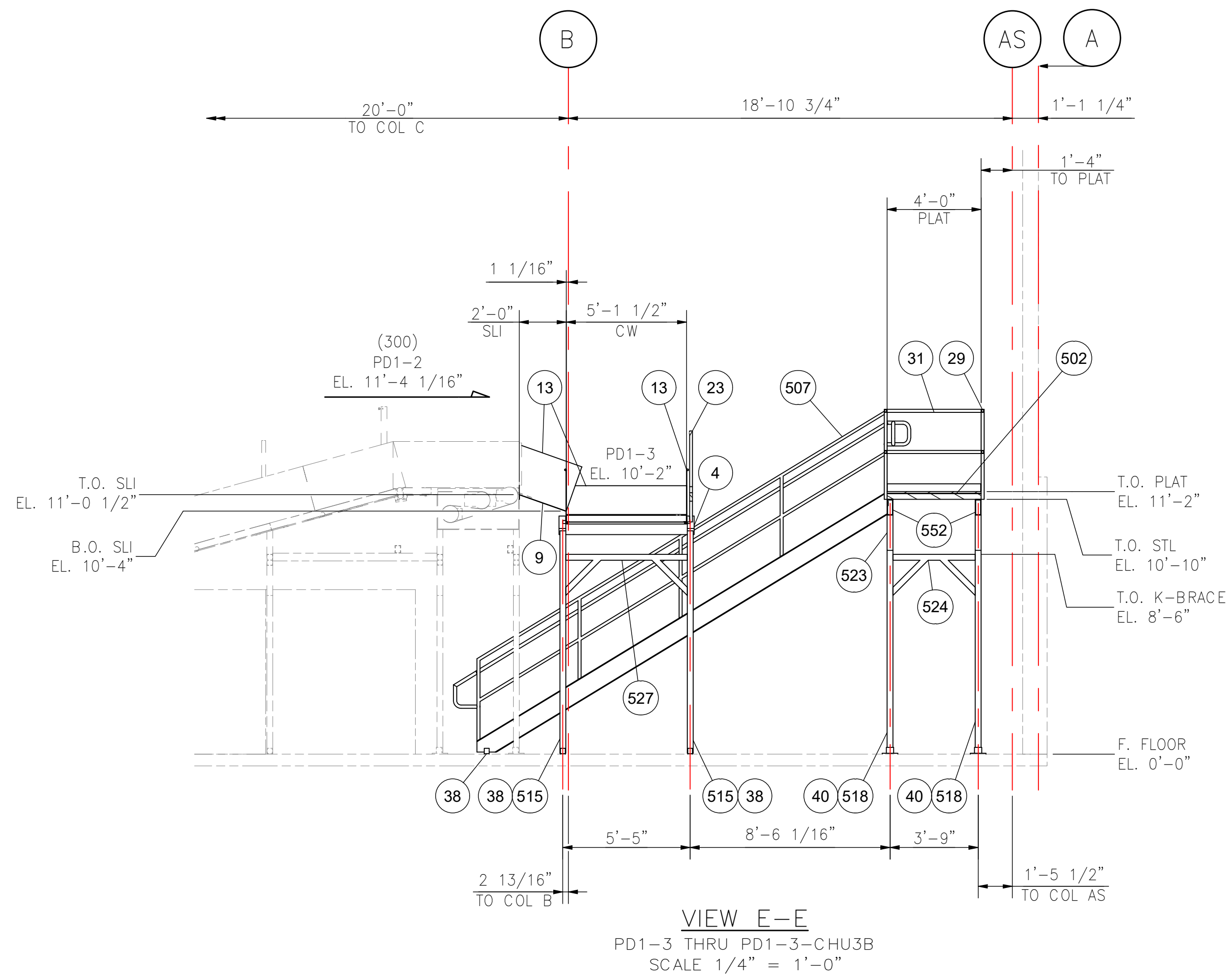
**SUBMITTAL REVIEW**

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REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS		DATE	TITLE
MODEL	A COLPO	6/5/2024	VIEW C-C & D-D
DRAWN	A COLPO	6/21/2024	PD1-3 THRU PD1-2-CHU3B
CHECKED	T SLOANECKER	6/26/2024	UPS - ST. CATHERINE'S, ON, CA
ENGR			
MCP NUMBER		SIZE	DWG NO
SCALE AS SHOWN		D	LP0003524M-301
		SHEET	REV
		5 OF 9	0



**SUBMITTAL REVIEW**

APPROVED (A)

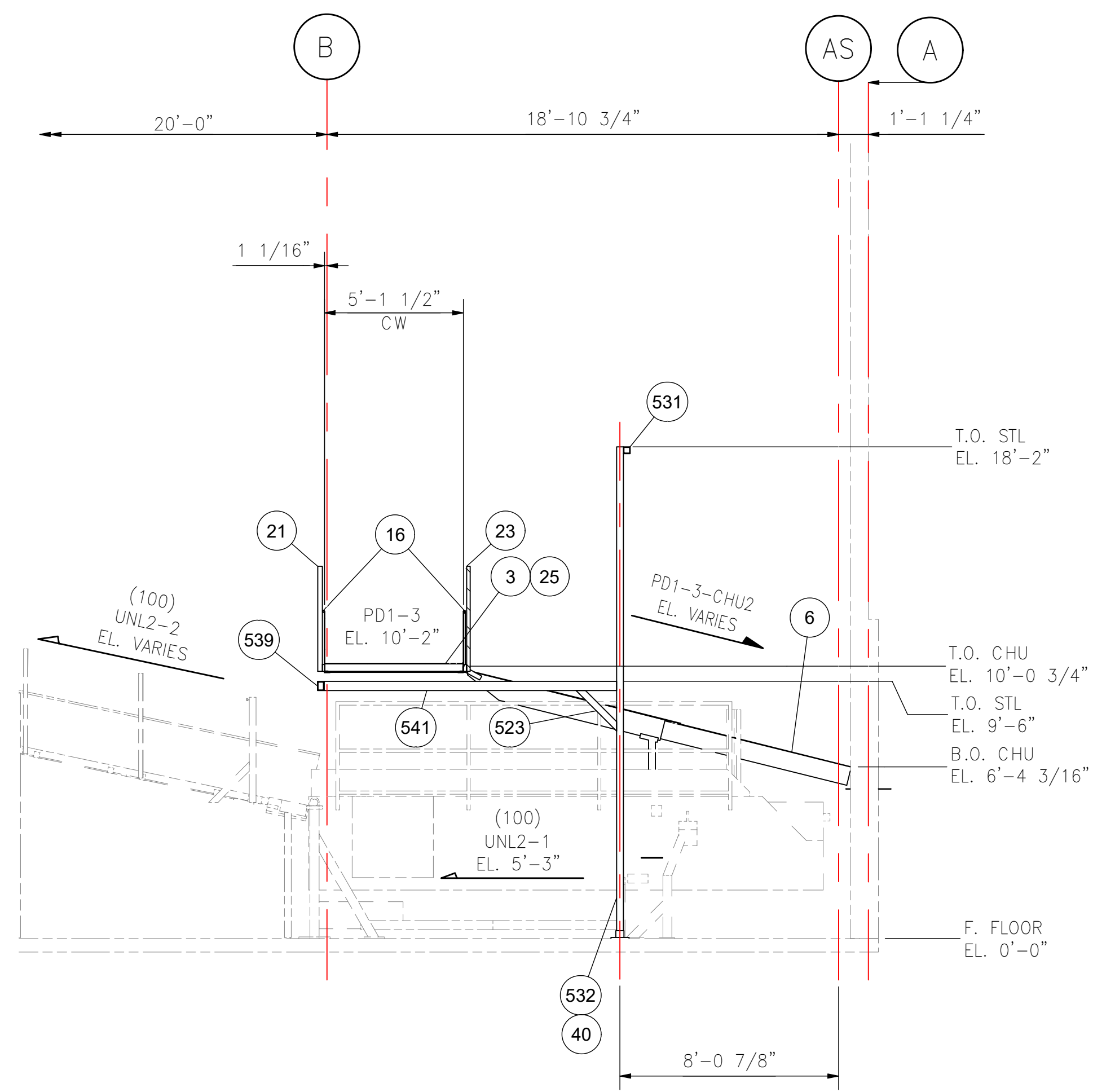
APPROVED AS NOTED (AN)

NOT APPROVED, REVISE AND RESUBMIT (NA)

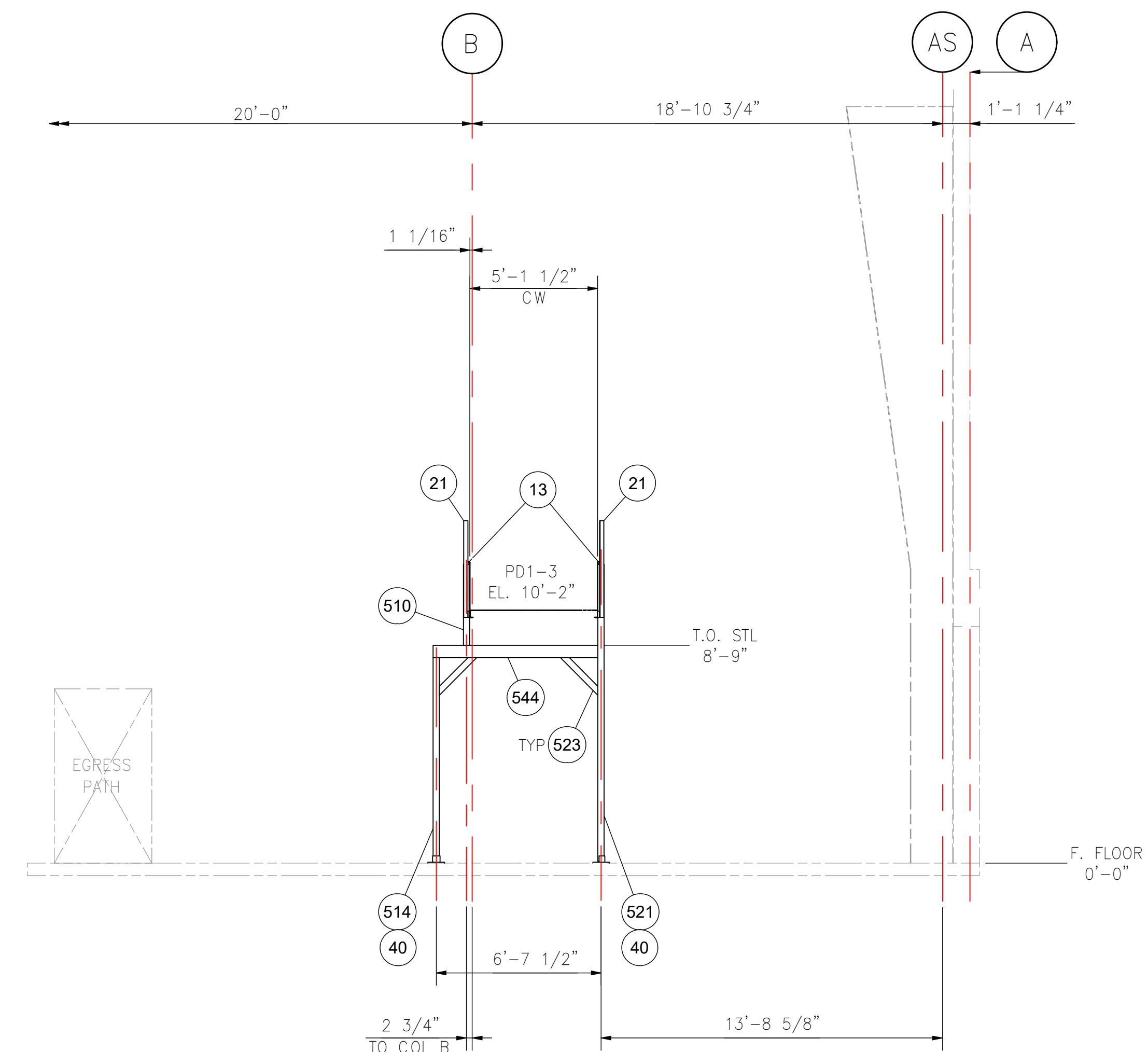
REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

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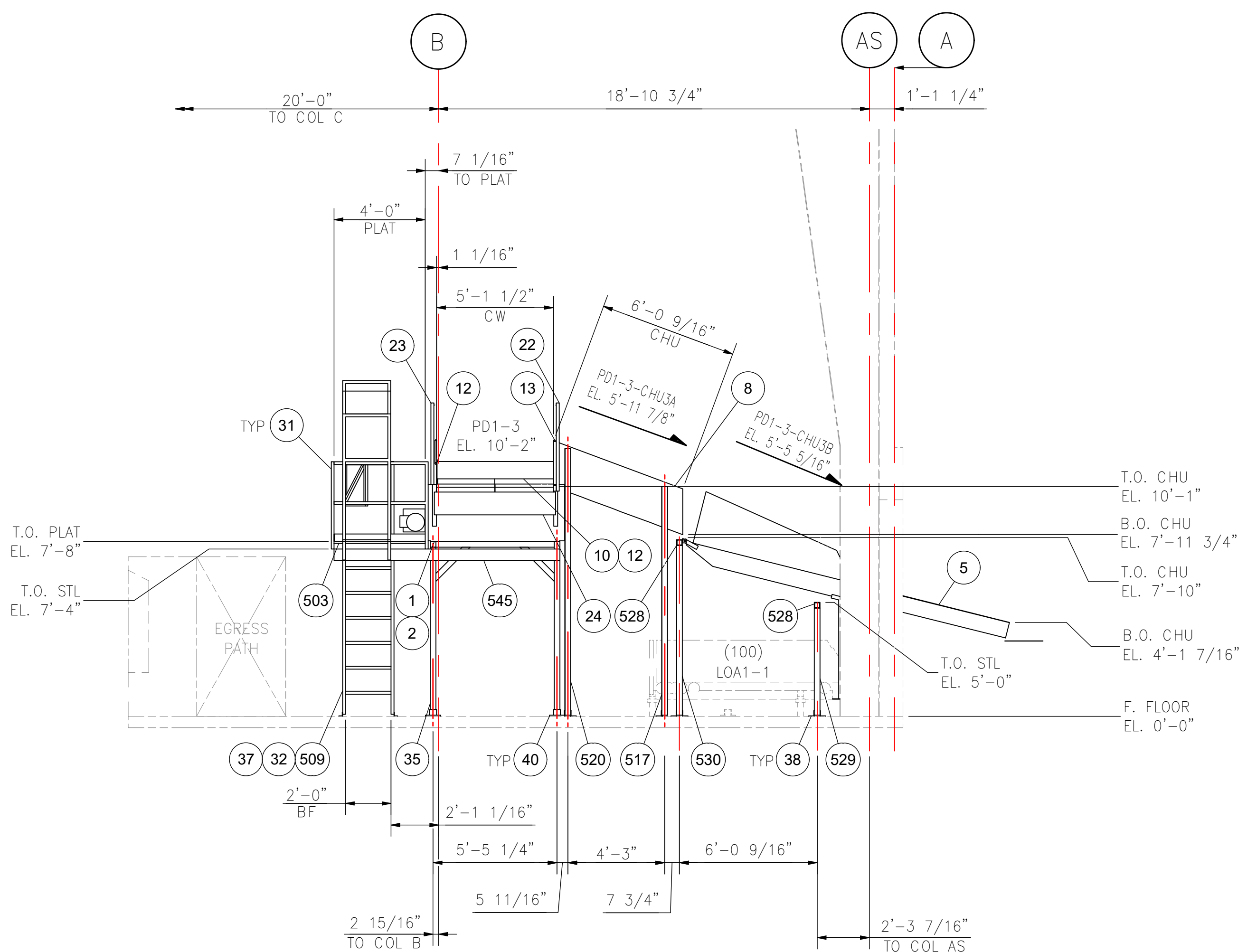
0	RELEASED FOR UPS APPROVAL	6/21/2024	C RENNIRT
REV	DESCRIPTION	DATE	BY
REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS	DATE	TITLE	
MODEL	A COLPO	6/5/2024	VIEW E-E THRU G-G
DRAWN	A COLPO	6/21/2024	PD1-3 THRU PD1-2-CHU3B
CHECKED	T SLONECKER	6/26/2024	UPS - ST. CATHERINE'S, ON, CA
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-301	6 OF 9
			REV 0



VIEW H-H  
 PD1-3 THRU PD1-3-CHU3B  
 SCALE 1/4" = 1'-0"



VIEW J-J  
 PD1-3 THRU PD1-3-CHU3B  
 SCALE 1/4" = 1'-0"



SECTION K  
 SHT-7-K  
 SHT-7  
 SCALE 1/4" = 1'-0"

**SUBMITTAL REVIEW**

APPROVED (A)

APPROVED AS NOTED (AN)

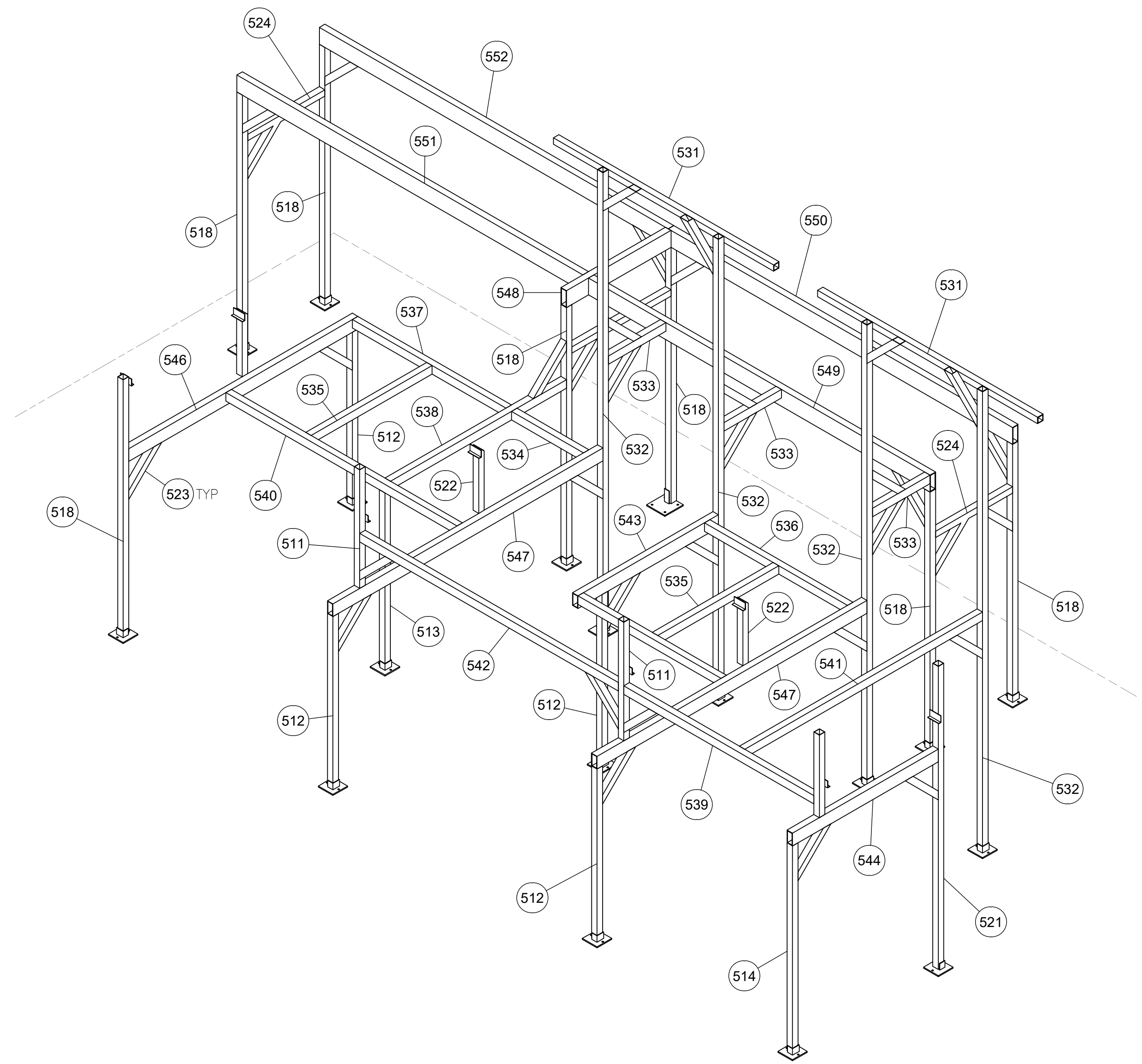
NOT APPROVED, REVISE AND RESUBMIT (NA)

REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

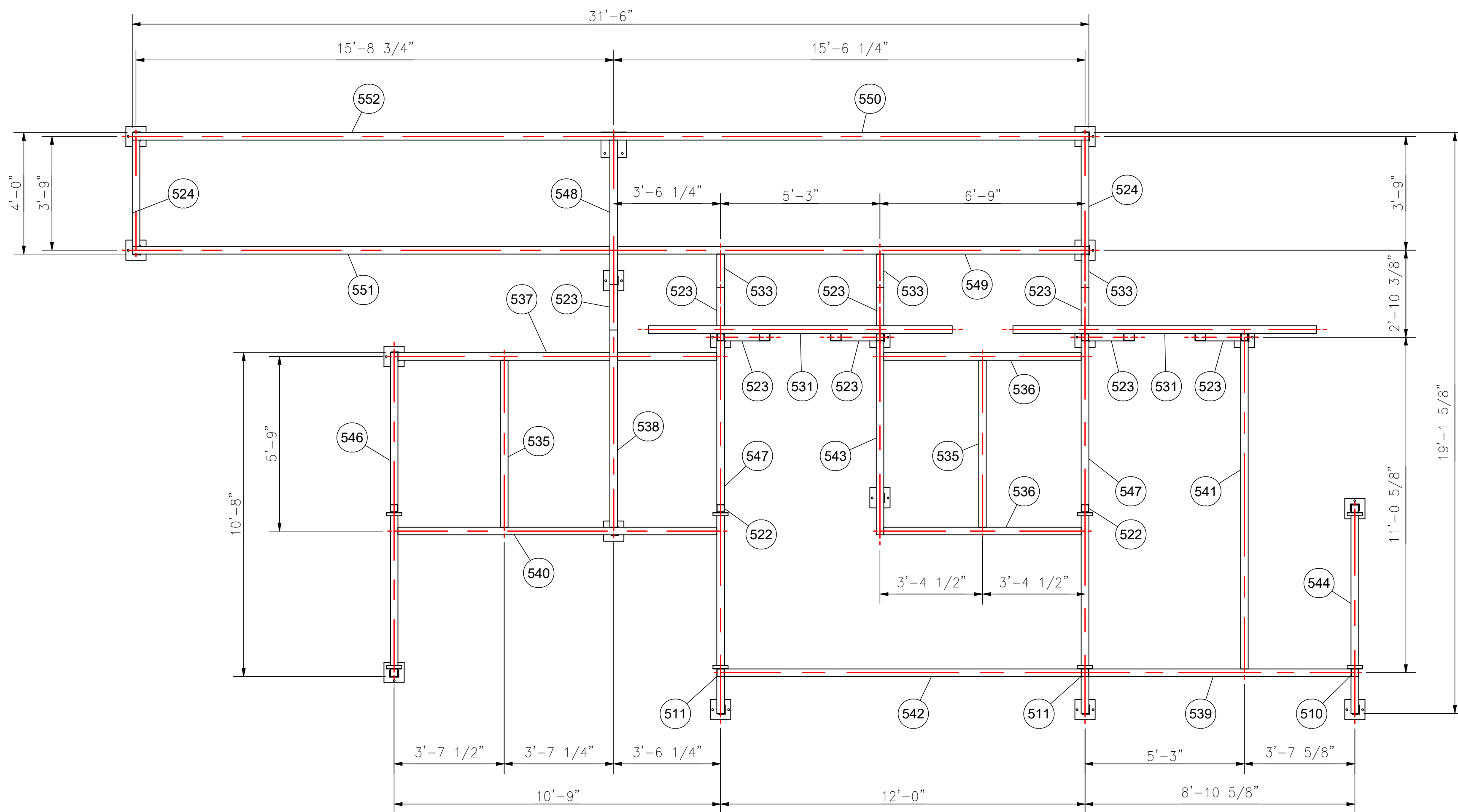
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APPROVALS		DATE	TITLE
MODEL	A COLPO	6/5/2024	VIEW H-H THRU K-K
DRAWN	A COLPO	6/21/2024	PD1-3 THRU PD1-2-CHU3B
CHECKED	T SLONECKER	6/26/2024	UPS - ST. CATHERINE'S, ON, CA
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-301	7 OF 9
			REV 0

ITEM	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
510	301-510	1	STEEL, SQ. TUBE, 3" x 3" x 11GA	3'-3"	3"			SS03
511	301-511	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	4'-8"	3"			SS03
512	301-512	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	6'-9 1/8"	3"			SS03
513	301-513	1	STEEL, SQ. TUBE, 3" x 3" x 11GA	6'-11 1/8"	3"			SS03
514	301-514	1	STEEL, SQ. TUBE, 3" x 3" x 11GA	8'-2 1/8"	3"			SS03
515	301-515	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	9'-5 1/2"	3"			SS03
516	301-516	1	STEEL, SQ. TUBE, 3" x 3" x 11GA	9'-10 1/2"	3"			SS03
517	301-517	1	STEEL, SQ. TUBE, 3" x 3" x 11GA	10'-0 1/2"	3"			SS03
518	301-518	7	STEEL, SQ. TUBE, 3" x 3" x 11GA	10'-1 1/8"	3"			SS03
519	301-519	1	STEEL, SQ. TUBE, 3" x 3" x 11GA	10'-8 1/2"	3"			SS03
520	301-520	1	STEEL, SQ. TUBE, 3" x 3" x 11GA	11'-8 1/2"	3"			SS03
521	301-521	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	11'-11 1/8"	3"			SS03
522	301-522	3	STEEL, SQ. TUBE, 3" x 3" x 11GA	2'-7"	3"			SS07
523	301-523	31	STEEL, SQ. TUBE, 3" x 3" x 11GA	2'-1 1/2"	3"			SS08
524	301-524	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	3'-6"	3"			SS18
525	301-525	1	STEEL, SQ. TUBE, 3" x 3" x 11GA	4'-6"	3"			SS18
526	301-526	1	STEEL, SQ. TUBE, 3" x 3" x 11GA	5'-1 7/8"	3"			SS18
527	301-527	1	STEEL, SQ. TUBE, 3" x 3" x 11GA	5'-2"	3"			SS18
528	301-528	2	STEEL, SQ. TUBE, 3" x 3" x 1/4"	3'-10"	3"			SS03
529	301-529	2	STEEL, SQ. TUBE, 3" x 3" x 1/4"	4'-8 1/2"	3"			SS03
530	301-530	2	STEEL, SQ. TUBE, 3" x 3" x 1/4"	7'-5 1/2"	3"			SS03
531	301-531	2	STEEL, SQ. TUBE, 3" x 3" x 1/4"	10'-0"	3"			SS03
532	301-532	4	STEEL, SQ. TUBE, 3" x 3" x 1/4"	18'-1 1/8"	3"			SS03
533	301-533	3	STEEL, RECT. TUBE, 4" x 3" x 1/4"	2'-7 3/8"	3"			SS03
534	301-534	1	STEEL, RECT. TUBE, 4" x 3" x 1/4"	3'-3 1/4"	3"			SS03
535	301-535	2	STEEL, RECT. TUBE, 4" x 3" x 1/4"	5'-6"	3"			SS03
536	301-536	2	STEEL, RECT. TUBE, 4" x 3" x 1/4"	6'-6"	3"			SS03
537	301-537	1	STEEL, RECT. TUBE, 4" x 3" x 1/4"	6'-11 3/4"	3"			SS03
538	301-538	1	STEEL, RECT. TUBE, 4" x 3" x 1/4"	8'-0"	3"			SS03
539	301-539	1	STEEL, RECT. TUBE, 4" x 3" x 1/4"	8'-7 5/8"	3"			SS03
540	301-540	1	STEEL, RECT. TUBE, 4" x 3" x 1/4"	10'-6"	3"			SS03
541	301-541	1	STEEL, RECT. TUBE, 4" x 3" x 1/4"	10'-9 5/8"	3"			SS03
542	301-542	1	STEEL, RECT. TUBE, 4" x 3" x 1/4"	11'-9"	3"			SS03
543	301-543	1	STEEL, RECT. TUBE, 6" x 3" x 1/4"	6'-4 5/8"	3"			SS03
544	301-544	1	STEEL, RECT. TUBE, 6" x 3" x 1/4"	6'-7 1/2"	3"			SS03
545	301-545	2	STEEL, RECT. TUBE, 6" x 3" x 1/4"	9'-10 7/8"	3"			SS03
546	301-546	1	STEEL, RECT. TUBE, 6" x 3" x 1/4"	10'-5"	3"			SS03
547	301-547	2	STEEL, RECT. TUBE, 6" x 3" x 1/4"	12'-3 1/4"	3"			SS03
548	301-548	1	STEEL, RECT. TUBE, 8" x 3" x 1/4"	4'-9"	3"			SS03
549	301-549	1	STEEL, RECT. TUBE, 8" x 3" x 1/4"	15'-6 1/4"	3"			SS03
550	301-550	1	STEEL, RECT. TUBE, 8" x 3" x 1/4"	15'-7 3/4"	3"			SS03
551	301-551	1	STEEL, RECT. TUBE, 8" x 3" x 1/4"	15'-8 3/4"	3"			SS03
552	301-552	1	STEEL, RECT. TUBE, 8" x 3" x 1/4"	15'-10 1/4"	3"			SS03



ISOMETRIC VIEW  
SCALE 3/8" = 1'-0"



STEEL STRUCTURE  
SCALE 3/8" = 1'-0"

**SUBMITTAL REVIEW**

APPROVED (A)

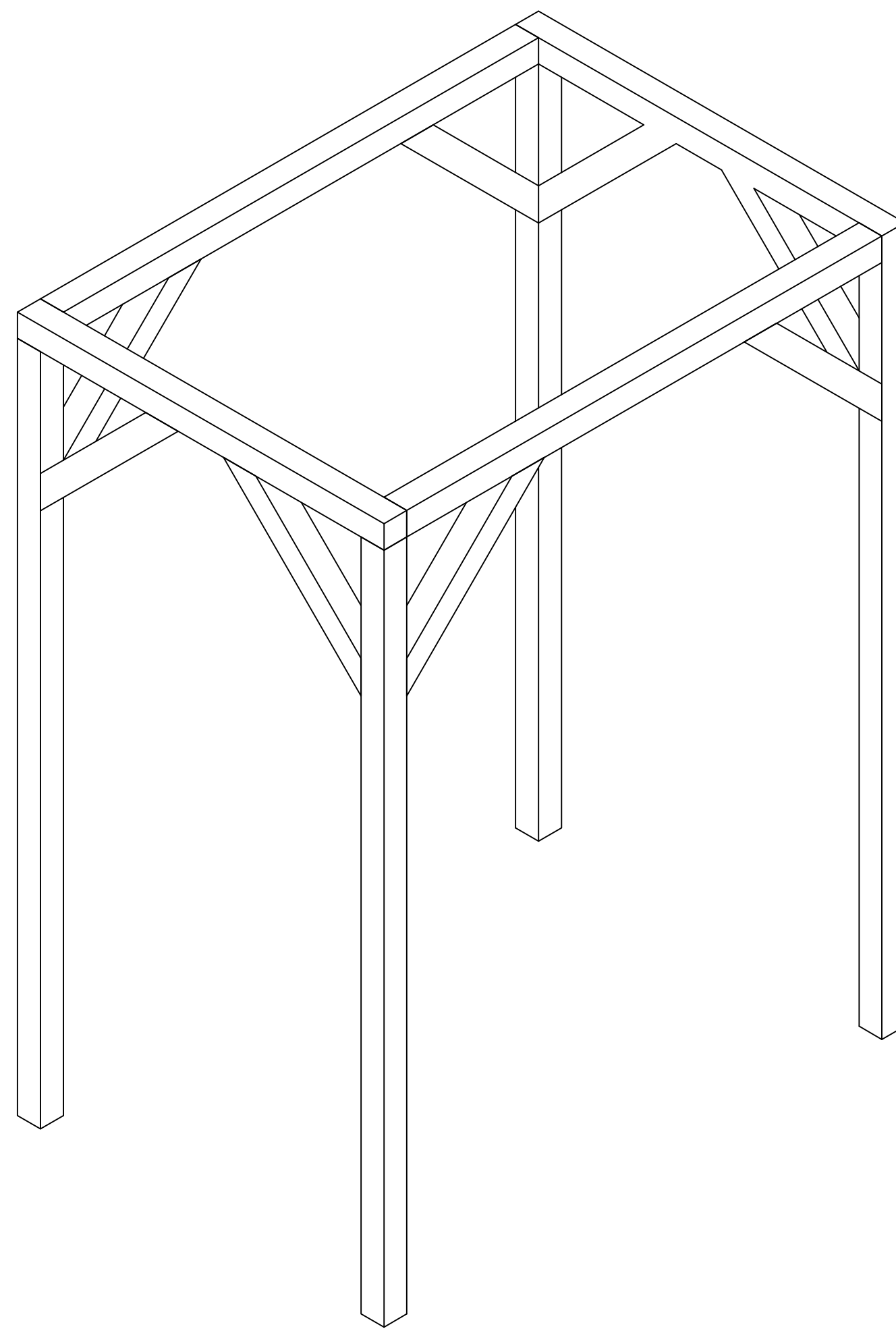
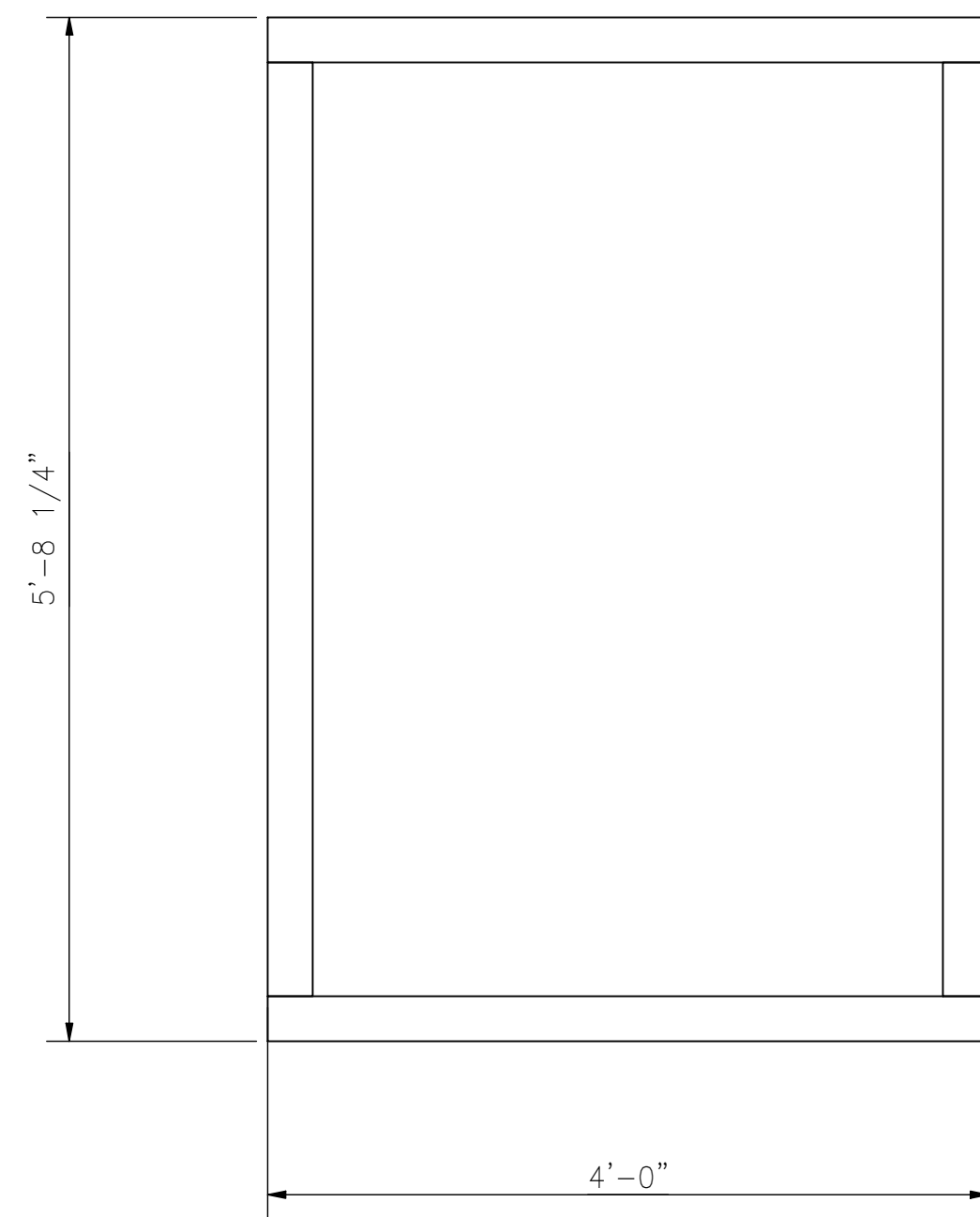
APPROVED AS NOTED (AN)

NOT APPROVED, REVISE AND RESUBMIT (NA)

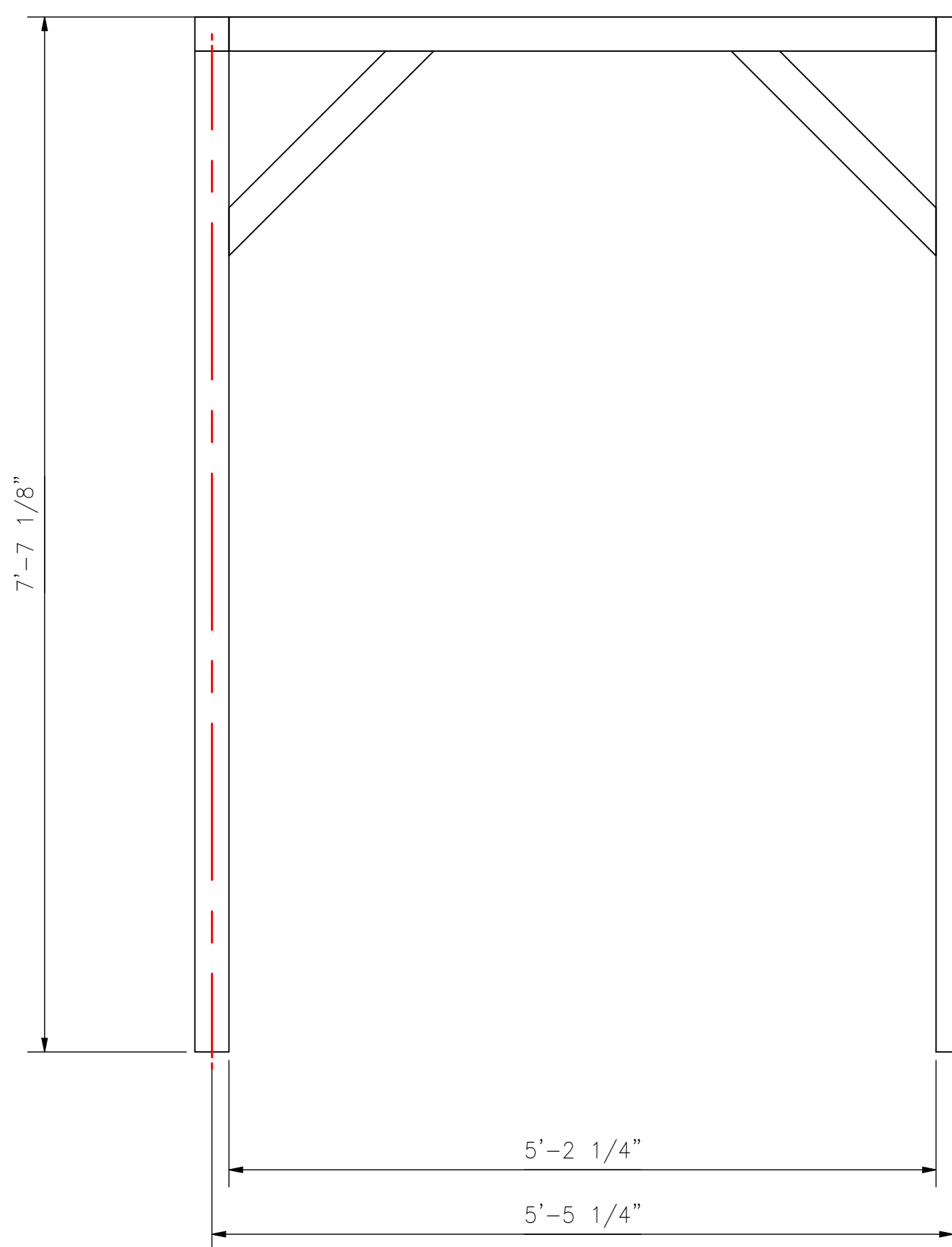
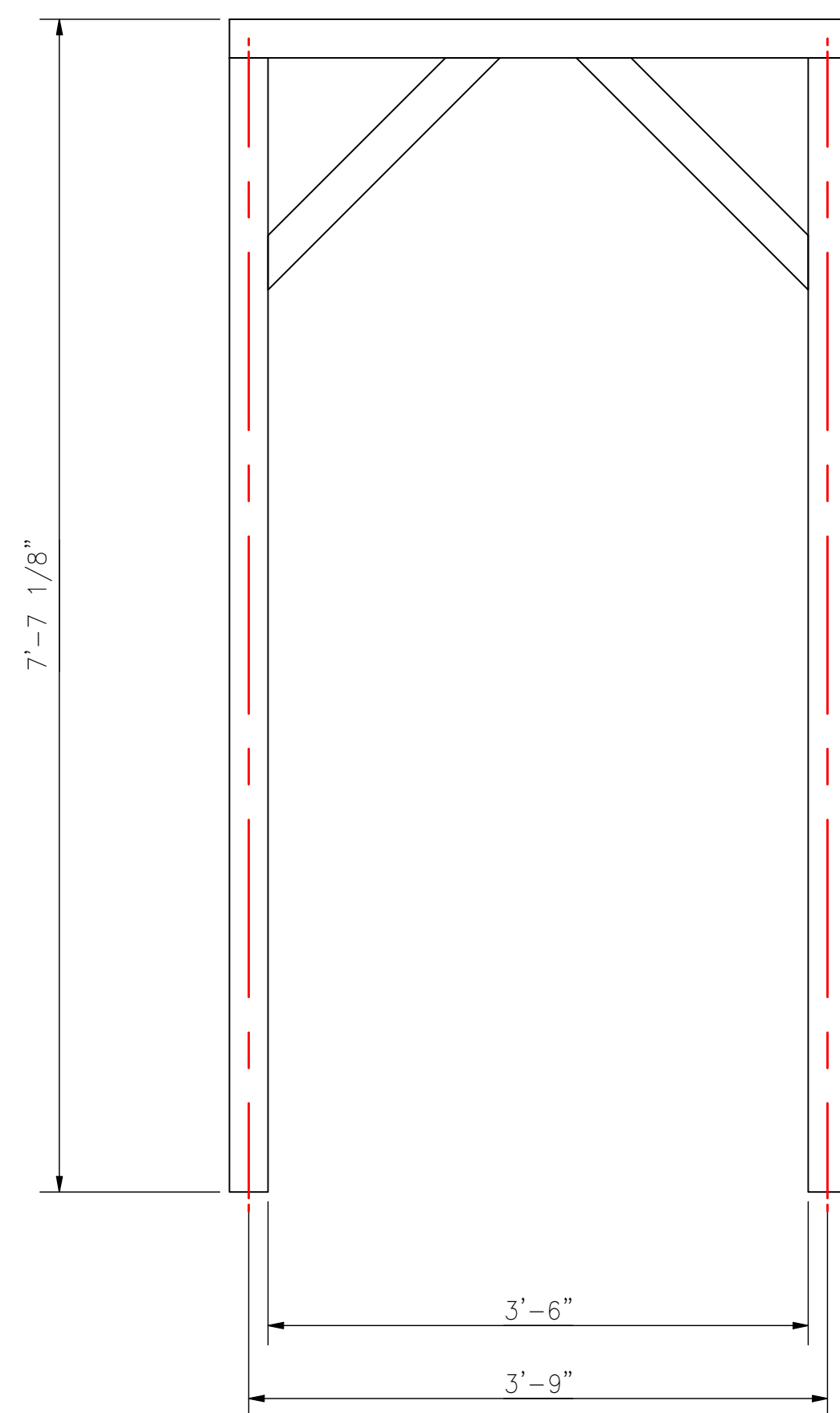
REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

REVIEW OF THIS DRAWING COVERS GENERAL CONFORMITY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS AND DOES NOT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

0	RELEASED FOR UPS APPROVAL	6/21/2024	C RENNIRT
REV	DESCRIPTION	DATE	BY
REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS		DATE	
MODEL		A COLPO 6/5/2024	
DRAWN		A COLPO 6/21/2024	
CHECKED		T SLOANECKER 6/26/2024	
ENGR			
MCP NUMBER		SCALE AS SHOWN	
SIZE		DWG NO	
D		LP0003524M-301	
SHEET		REV	
8 OF 9		0	
<b>STEEL DRAWING</b> <b>PD1-3 THRU PD1-2-CHU3B</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>			



ISOMETRIC VIEW  
SCALE 1" = 1'-0"



DETAIL SUB-BASE (BAS-01)  
ITEM # 35  
SCALE 1" = 1'-0"  
1 REQ'D

**SUBMITTAL REVIEW**

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REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

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<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
		DRIVE SUB-BASE ITEM 35 PD1-3 THRU PD1-2-CHU3B UPS - ST. CATHERINE'S, ON, CA	
APPROVALS		DATE	TITLE
MODEL	A COLPO	6/5/2024	
DRAWN	A COLPO	6/21/2024	
CHECKED	T SLONECKER	6/26/2024	
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-301	9 OF 9
			REV 0

ITEM	ERP NUMBER	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
1	100766997	300-001	2	DRIVE FRAME WITH PULLEY, 34E UPS SPEC 2020, 0 deg, RH, 60" WD, 9.125-4A	3'-6"	61 1/2" CW	DRI-34E	9-1047-2001-60	LL-01-PD1-2, LL-01-PD1-1
2	100693087	300-002	2	SUMI, LHYJMS3-4A105Y-Y3-39-1.9375, 3 HP, 460V 60HZ, 1750 RPM MOTOR, 39 RATIO, 100 FPM, Y3, IMPERIAL, 1.9375 BORE, NO TORQUE ARM			-	-	
3	100009739	300-003	2	INTERMEDIATE, 12 GA, RETURN ROLLERS, 3 1/2" DP.	12'-0"	61 1/2" CW	INT-05A		LL-01-PD1-2
4	100009757	300-004	1	INTERMEDIATE, 10 GA, NO ROLLERS, 3 1/2" DP.	12'-0"	61 1/2" CW	INT-06		LL-01-PD1-1
5	100009775	300-005	2	INTERMEDIATE, 10 GA, RETURN ROLLERS, 3 1/2" DP.	12'-0"	61 1/2" CW	INT-06A	4-2400-2002-60	LL-01-PD1-2
6	100764852	300-006	2	TAIL, 4 1/2" PULLEY, 7" DP.	2'-0"	61 1/2" CW	TAI-10	9-3004-2001-60	LL-01-PD1-2, LL-01-PD1-1
7	100009629	300-007	1	NOSEOVER, 7 1/4" DP.	0'-5 5/8"	61 1/2" CW	NOS-01		LL-01-PD1-2
8	100643314	300-008	1	SLIDE, TRA 03 UPS, 24" EXTENSION	2'-0"	61" CW	TRA-03		
9	100846267	300-009	1	UHMW PLATE, 1/4" TH., 45° BEVEL ALONG ONE LENGTH SIDE	0'-6"	61 3/8"			
10	100846273	300-010	1	UHMW PLATE, 1/4" TH., 45° BEVEL ALONG ONE LENGTH SIDE	0'-7 1/2"	61 3/8"			
11	100033274	300-011	8	ROLLER, CARRY RETURN, 60	5'-0"	61 1/2" CW	ROL-01	7-7100-U060	NO GEOM
12	100010908	300-012	7	SIDE GUARD, PAN-01, 16GA, 12" HT.	12'-0"		PAN-01		
13	100010910	300-013	11	SIDE GUARD, PAN-01, 16GA, 24" HT.	12'-0"		PAN-01		
14	100196809	300-014	12	REMOVABLE SIDE GUARD ANGLES, 10GA, FOR 12" SIDE GUARD	9 1/2"	2 1/2"	PAN-01	5-9900-1018	
15	100195406	300-015	2	REMOVABLE SIDE GUARD ANGLES, 10GA, FOR 24" SIDE GUARD	1'-9 1/2"	2 1/2"	PAN-01	5-9900-1017	
16	100515059	300-016	3	WEDGE, 45 DEG, 16GA, 12" HT., WELDED UPS			PAN-01		
17	100838465	300-017	60 ft	CABLE RAIL, CABLE, AIRCRAFT, GALV STEEL 3/16" DIA, 7x19 STD, CLEAR VINYL COATED 5/16" FINISHED OD, 840 lb WORKING LOAD LIMIT, 1 ft UOM				BUYOUT	NO GEOM
18	100838466	300-018	12	CABLE RAIL, CLIP (CLAMP), FOR WIRE ROPE 5/16", MALLEABLE IRON, GALV, MEETS FED SPEC FF-CC-450-TYPE 1, CLASS 1			RAI-01	BUYOUT	NO GEOM
19	100838467	300-019	4	CABLE RAIL, THIMBLE, 5/16" OPEN END GALV STEEL			RAI-01	BUYOUT	NO GEOM
20	100187322	300-020	2	CABLE RAIL, TURNBUCKLE, 3/8-16NC CLEVIS-TO-CLEVIS, 5/16" PIN W/COTTER, 6" TRAVEL, 11-1/2" RETRACTED LG, FORGED GALV STEEL, 1200 lb WORKING LOAD LIMIT			RAI-01	BUYOUT	NO GEOM
21	100187316	300-021	8	CABLE RAIL, WELDED STANDARD ANGLE POST, CTR			RAI-01	4-9900-3083	
22	100187317	300-022	2	CABLE RAIL, WELDED STANDARD END POST, LH			RAI-01	4-9900-3081	
23	100187318	300-023	2	CABLE RAIL, WELDED STANDARD END POST, RH			RAI-01	4-9900-3082	
24	100558017	300-024	8	GUARD, INTERMEDIATE SECTION	4'-0"	61 1/2" CW	GUA-08C		
25	100584754	300-025	2	GUARD, INGRESS	10"	61 1/2" CW	GUA-19	3-9900-3762-60	
26	100668525	300-026	1	L 1 1/4" x 1 1/4" x 1/8" BOTTOM GUARD ANGLE, NOT PAINTED	5'-1 1/2"				NO GEOM
27	100575095	300-027	1	GUARDRAIL, L SECTION, 1'-9" HT.	5'-0"	1 1/2"	PLA-03	4-9900-3389	
28	100840569	300-028	5	GUARDRAIL, F SECTION, 3'-10" HT.	5'-0"	1 1/2"	PLA-03	4-9900-3628	
29	100853323	300-029	1	GATE, SAFETY, LAD-03, RH		2'-2 1/2"	GAT-01	7187146	
30	100033444	300-030	1	TOE PLATE, 0'-1/8" x 0'-4" x 20'-0", SS02	20'-0"		PLT-1001		NO GEOM
31	100033035	300-031	3	INTERMEDIATE REINFORCING ANGLE 1" X 1" X 1/4" X 5'-1 1/8" LG, NOT PAINTED		61 1/2" CW			NO GEOM
32	100748850	300-032	22	ANCHOR BOLT, NON-SEISMIC CS WEDGE HILTI KWIKBOLT KB1	5 1/2"	1/2" DIA		2139993	NO GEOM
33	100804692	300-033	40	HARDWARE, FLAT HEAD, 1/4"-20NF X 1", BLACK PHOSPHATE, THREAD CUTTING, CASE HARDENED, T30 STAR HEAD DRIVE	1"				NO GEOM
34	100082608	300-034	2	SUPPORT, ANGLE CLIP L2x2x.25 WITH HOLE	1 1/2"		SUP-01	3-9516-1003	
35	100033299	300-035	4	SUPPORT, ANGLE CLIP L3x3x.25 NO HOLE	2 1/2"		SUP-01	3-9900-1165	
36	100033300	300-036	12	SUPPORT, ANGLE CLIP L3x3x.25 WITH HOLE	2 1/2"		SUP-01	3-9900-1162	
37	100033427	300-037	4	SUPPORT, BASE PLATE FOR 3x3 LEG WITH HOLES	8"	8"	SUP-09	4-9900-2000	
38	100033418	300-038	4	SUPPORT, FORMED ANGLE SUP-08 UPS FOR 3.5in BED	6"	1 5/16"	SUP-08	3-9900-1110	
39	100831696	300-039	1	BELT HARDWARE, LACING, 0.065	123 in	0.054		3HT-WIDE, 05362	LL-01-PD1-1[ 123 in]
40	100831700	300-040	1	BELT HARDWARE, PIN, NYLOSTEEL 0.093	61.5 in	0.093		NY093-C, 02628	LL-01-PD1-1[ 61.5 in]
41	100608147	300-041	1	BELT, RPH3-200 BXB-FR, 59.5 BW	41 ft	59.5 BW	-	RPH3-200 BXB-FR	LL-01-PD1-1[ 41 ft]
42		300-042	1	BELT HARDWARE, LACING FOR TMIPH135LR BELT, 0.054	123"	0.054		2HT, 02161	
43		300-043	1	BELT HARDWARE, PIN, NYLOSTEEL, 0.093	61.5	0.093		NY093-C	
44		300-044	1	BELT, TMIPH135LR, 59.5 BW	90'-0"	59.5 BW			

ITEM	ERP NUMBER	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
500	100011530	300-500	1	PLATFORM, 3 x 1.5 x 11GA, w/ 19W4 1 x 3/16, BRG BAR PARALLEL TO LENGTH	6'-0"	4'-0"	PLA-09	4-9900-3276	
501	100851853	300-501	1	LADDER, MAINTENANCE, SPEC 2022, EL. 9'-3" RH GATE		2'-0"	LAD-03	4-9621-1111	
502	100584514	300-502	1	STEEL, ANGLE, 2 1/2" x 1 1/2" x 1/4"	5'-1 3/8"	1 1/2"			SS03
503	100304926	300-503	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	1'-8 1/2"	3"			SS03
504	100306465	300-504	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	2'-9"	3"			SS03
505	100306467	300-505	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	2'-9 1/4"	3"			SS03
506	100307404	300-506	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	8'-6 1/4"	3"			SS03
507	100307527	300-507	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	9'-9 5/8"	3"			SS03
508	100305116	300-508	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	11'-8 1/4"	3"			SS03
509	100320268	300-509	1	STEEL, SQ. TUBE, 3" x 3" x 11GA	5'-1 7/8"	3"			SS18
510	100320912	300-510	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	5'-2 1/4"	3"			SS18
511	100344545	300-511	2	STEEL, RECT. TUBE, 4" x 3" x 1/4"	6'-11 7/8"	3"			SS03
512	100344876	300-512	2	STEEL, RECT. TUBE, 4" x 3" x 1/4"	9'-8 1/4"	3"			SS03

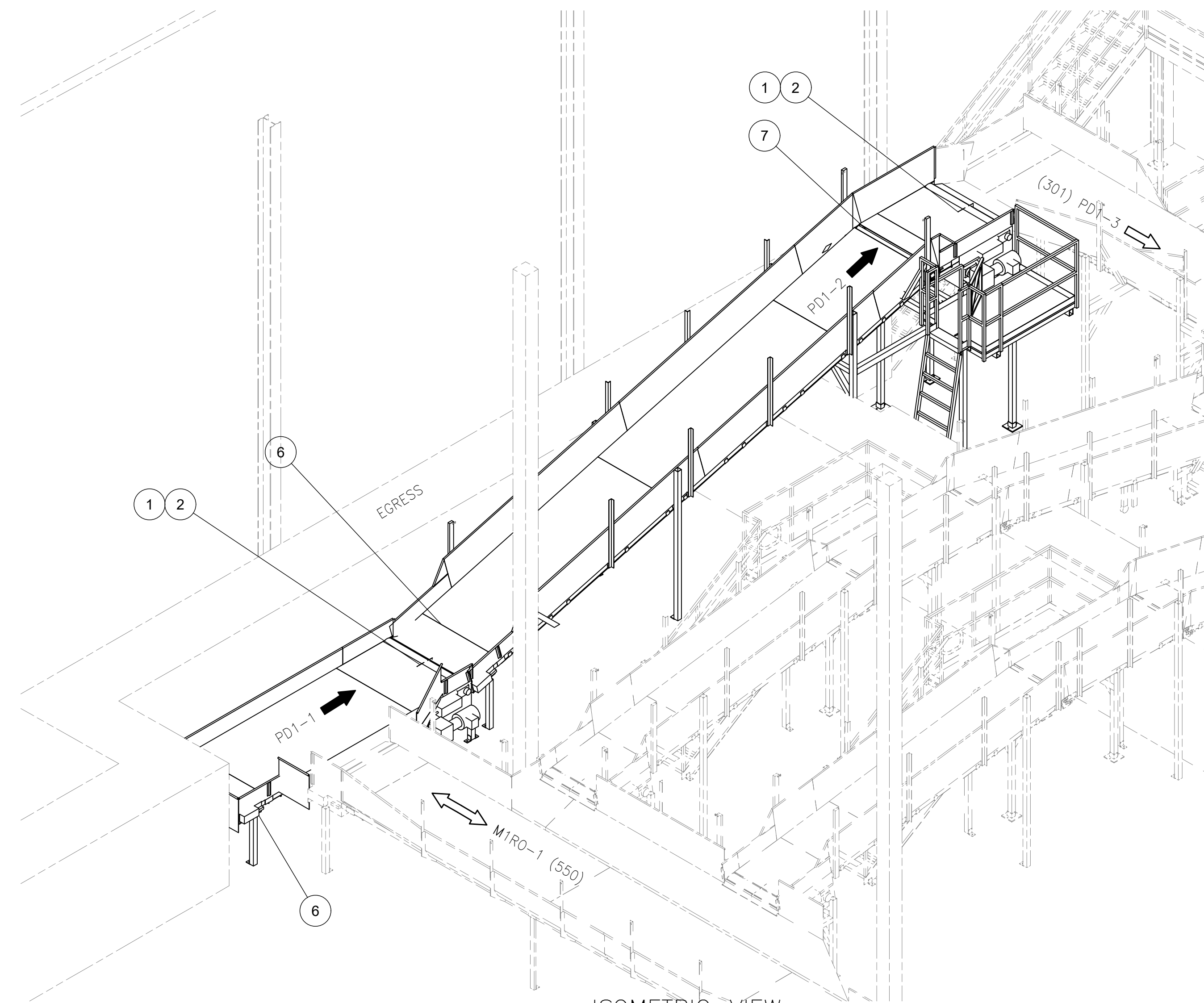
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REVISION HISTORY			
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APPROVALS	DATE	TITLE	
MODEL	A COLPO	06/05/24	<b>B.O.M.</b> <b>PD1-1 &amp; PD1-2</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	D SONNER		
CHECKED			
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-300	1 OF 5
			REV
			0



ISOMETRIC VIEW  
 SCALE 1/4" = 1'-0"  
 PD1-1 & PD1-2

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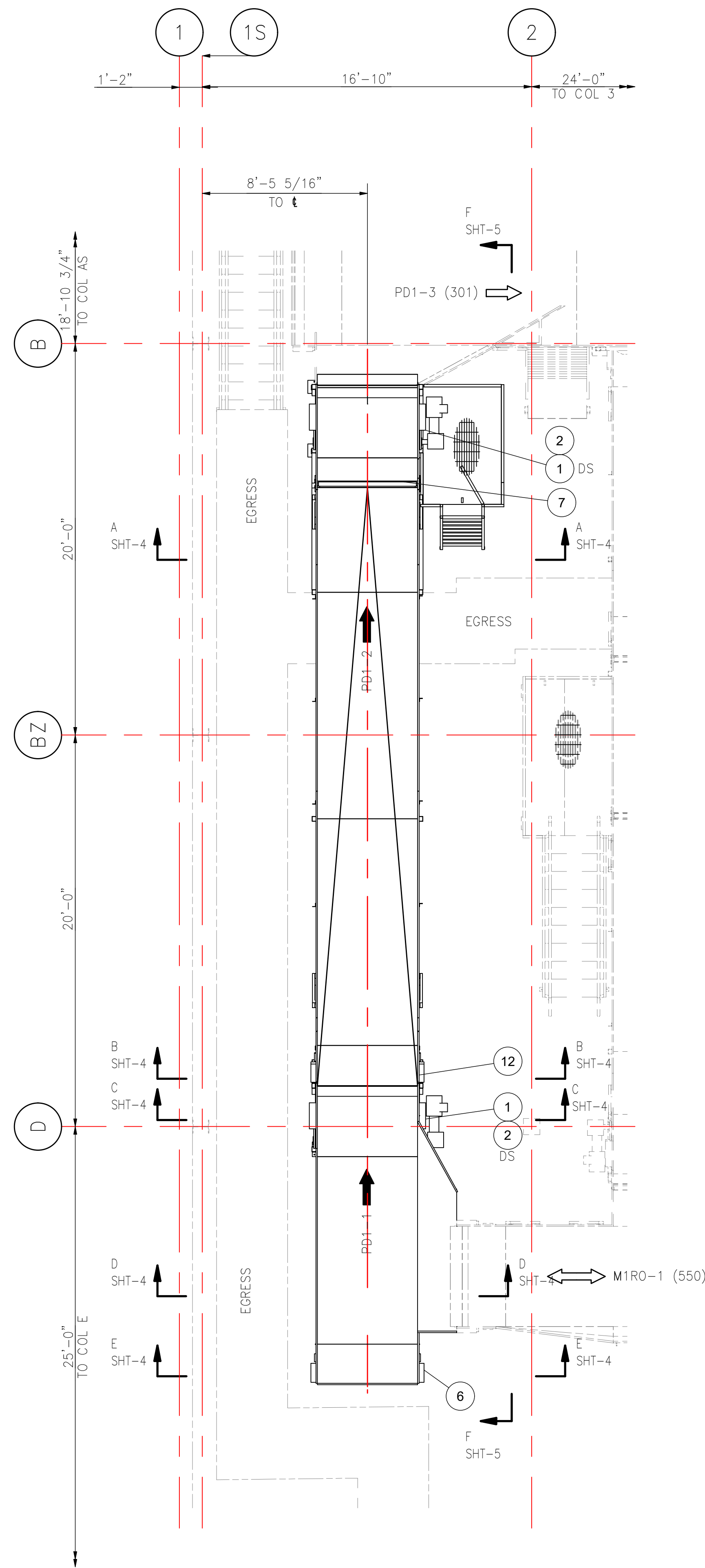
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MODEL	A COLPO	06/05/24	
DRAWN	D SONNER		
CHECKED			
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-300	2 OF 5
		REV	0

ISOMETRIC VIEW  
 PD1-1 & PD1-2  
 UPS - ST. CATHERINE'S, ON, CA

**LACING NOTES: (UPS)**  
 SEE UPS BSC-01 FOR BELT LACE AND PIN TYPE.  
 USE 7 DEGREE BIAS CUT FOR ALL BELTS OVER 200 FPM.  
 USE DURA LINK PIN FOR ALL BELTS OVER 200 FPM

- FIELD NOTES: (UPS)**
- ALL ELEVATIONS TAKEN FROM FINISHED FLOOR (0'-0") UNLESS OTHERWISE NOTED.
  - SUPPORT LEGS TO HAVE 1/2" ALLOWANCE OFF FLOOR WHEN USING SUPPORT CLIPS & 1" ALLOWANCE WHEN USING BASE PLATES. INSTALLER RESPONSIBLE FOR ACHIEVING PROPER ELEVATIONS.
  - \*\* DENOTES ODD LENGTH INTERMEDIATE SECTION TO BE CUT FROM STANDARD 12'-0" LG. INTERMEDIATE SECTION & FIT AFTER FINAL ASSEMBLY.
  - INSTALLER TO VERIFY ANY EXISTING CONVEYORS, PLATFORMS, SUPPORT STEEL & BUILDING CONDITIONS PRIOR TO INSTALLATION.
  - INSTALLER TO SET GUARDRAIL AND TOE PLATE ON ALL SIDES OF ALL PLATFORMS AS REQ'D PER CUSTOMER SPEC. HANDRAIL & TOE PLATE MAY OR MAY NOT BE SHOWN AT TIMES.
  - FIELD TO VERIFY DRIVE AND TAIL SUPPORTS TO ENSURE GUARD CAN OPEN WITHOUT INTERFERENCE.
  - INSTALLER TO VERIFY TUBE STEEL LENGTH BEFORE INSTALLATION AND CUT TO LENGTH AS NEEDED.
  - SEE SHEET 1 FOR BILL OF MATERIALS.
  - INGRESS GUARDS ARE REQ'D @ ENTRY OF EACH DRIVE, TAIL AND NOSEOVER OF ALL CONVEYORS.
  - CABLE RAIL REQUIREMENTS ARE AS FOLLOWS: MAXIMUM SPACING OF POSTS NOT TO EXCEED 8'-0" CTR TO CTR FOR ALL CONVEYORS 4'-0" ABOVE FINISHED FLOOR. MAXIMUM SPACING OF POSTS NOT TO EXCEED 6'-0" CTR TO CTR FOR ALL DOUBLE STACK CONVEYORS. CABLE RAIL IS REQUIRED ON BOTH SIDES OF CONVEYOR UNLESS NOTED OTHERWISE. REFERENCE RAI-01 SPEC SHT. 1 FOR INTERMEDIATES AND SHT. 2 FOR SLI-13.
  - INSTALLER TO VERIFY AND INSTALL ALL REQUIRED GUARDING.
  - GRAVITY BOLTED SUPPORTS ARE TO BE CENTERED AT SPLICE POINTS, ALIGNED TO ENDS AND CONSISTENTLY IN SIMILAR AREAS WITH MAXIMUM 6FT LENGTHWISE CENTER SPACING (EXCEPT WHERE OTHERWISE NOTED OR CLEARLY DIMENSIONED).



**PLAN VIEW**  
 SCALE 1/4" = 1'-0"  
 PD1-1 & PD1-2

CONV NAME	WIDTH	O.A.L. LENGTH	BELT TYPE	FPM	HP
PD1-1	60"	15'-4"	RPH3-200 BXB-FR	100	3
PD1-2	60"	35'-8 5/16"	TMIPH135LR (PVC 125 LR X FS)	100	3

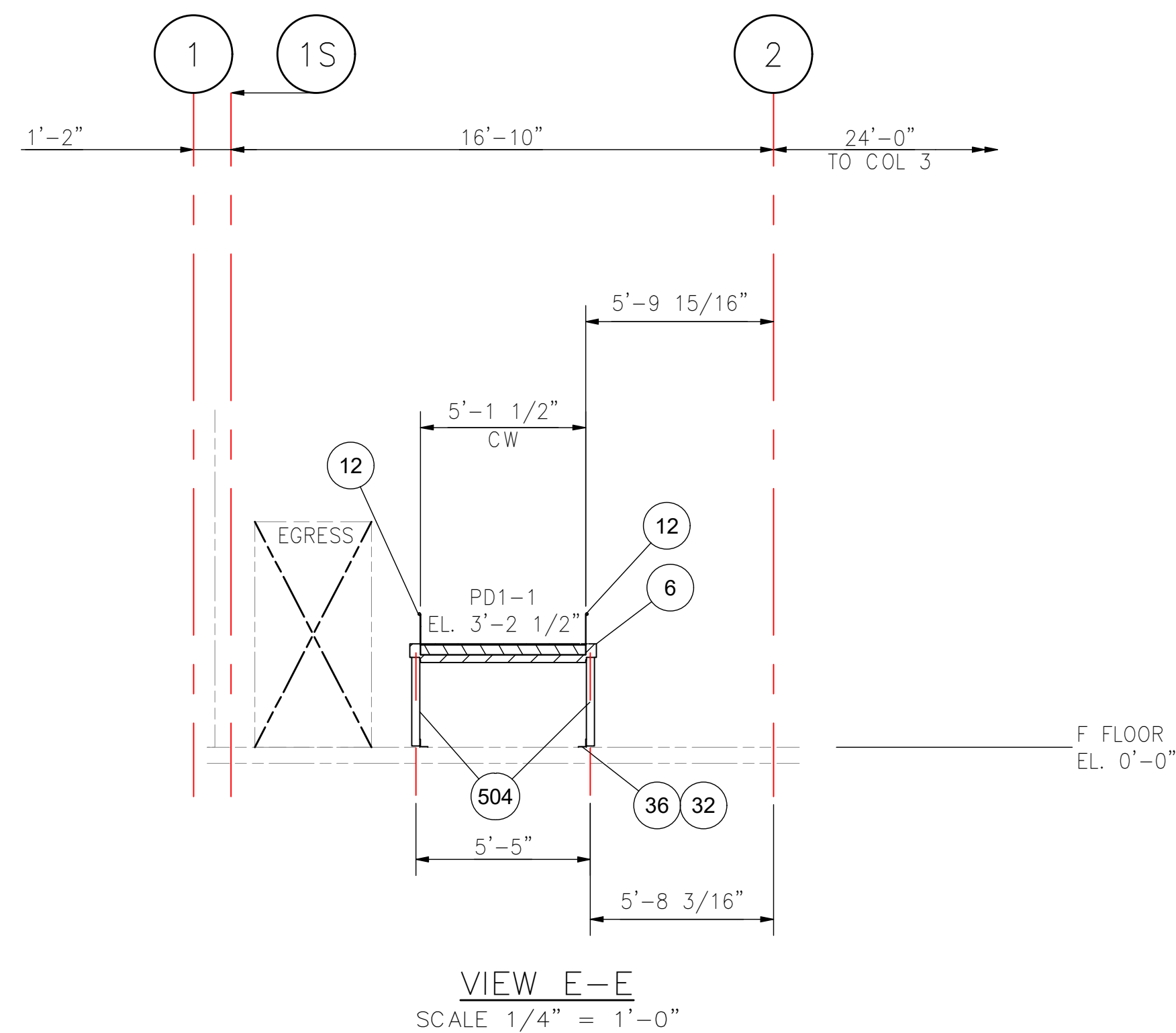
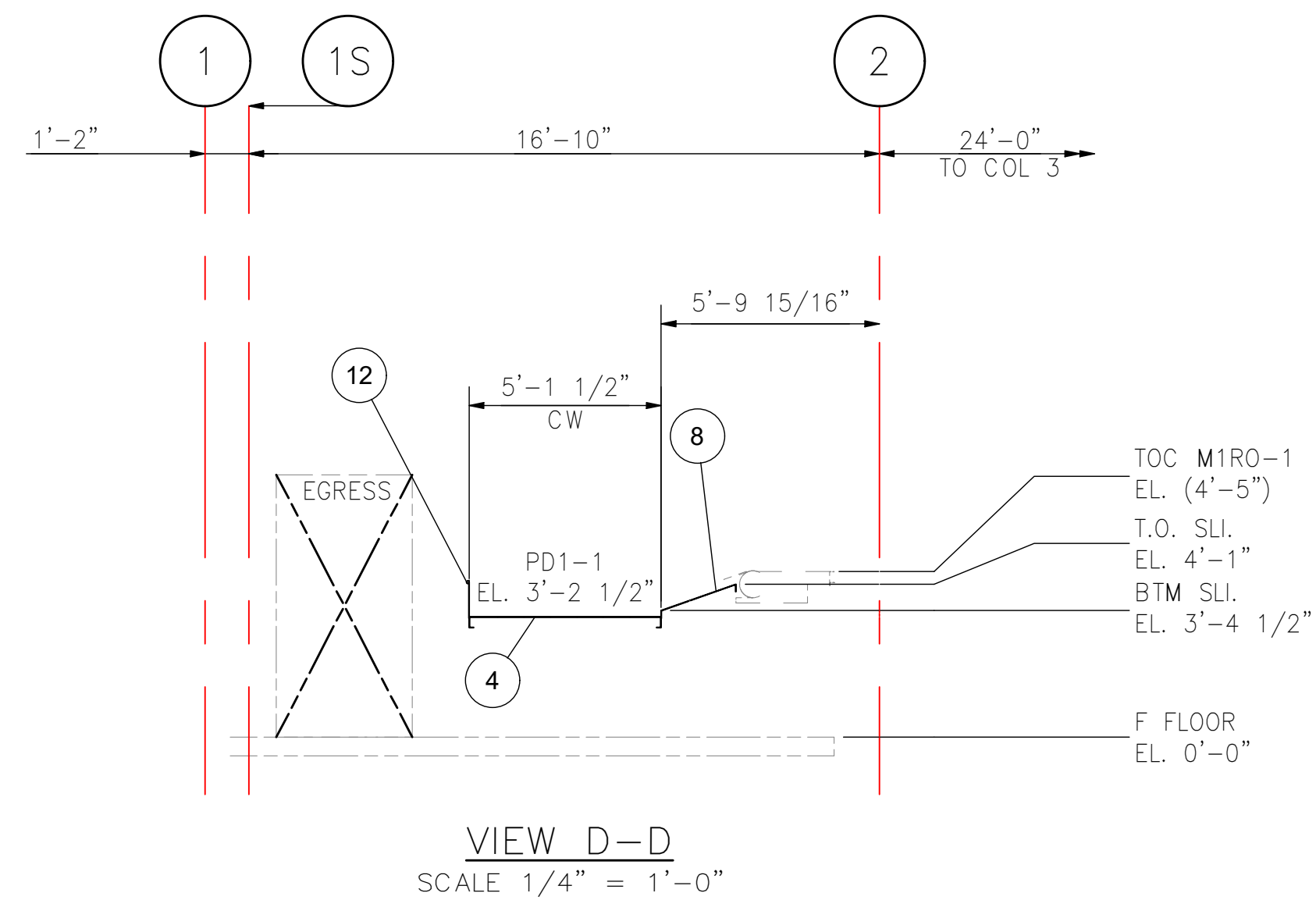
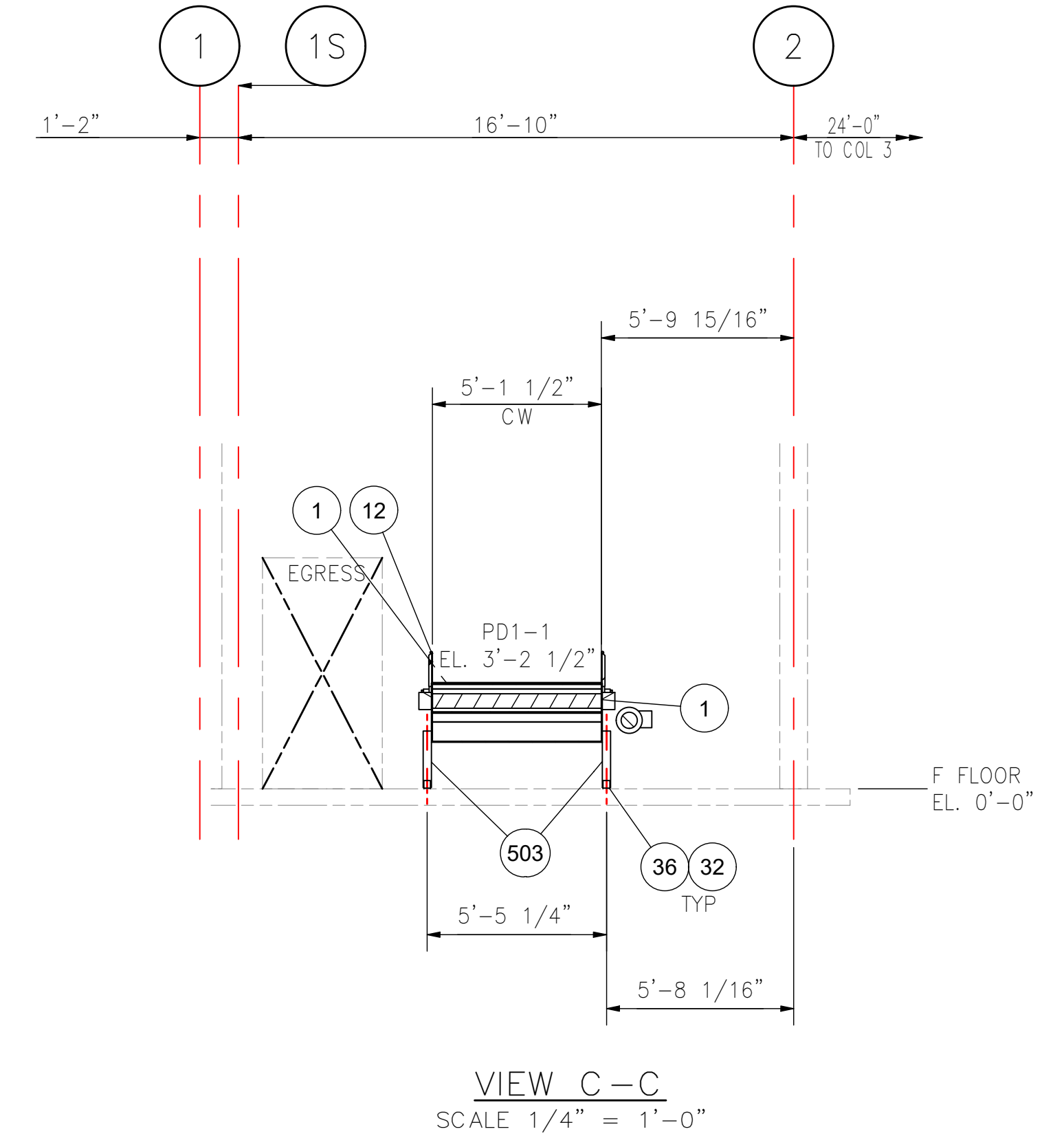
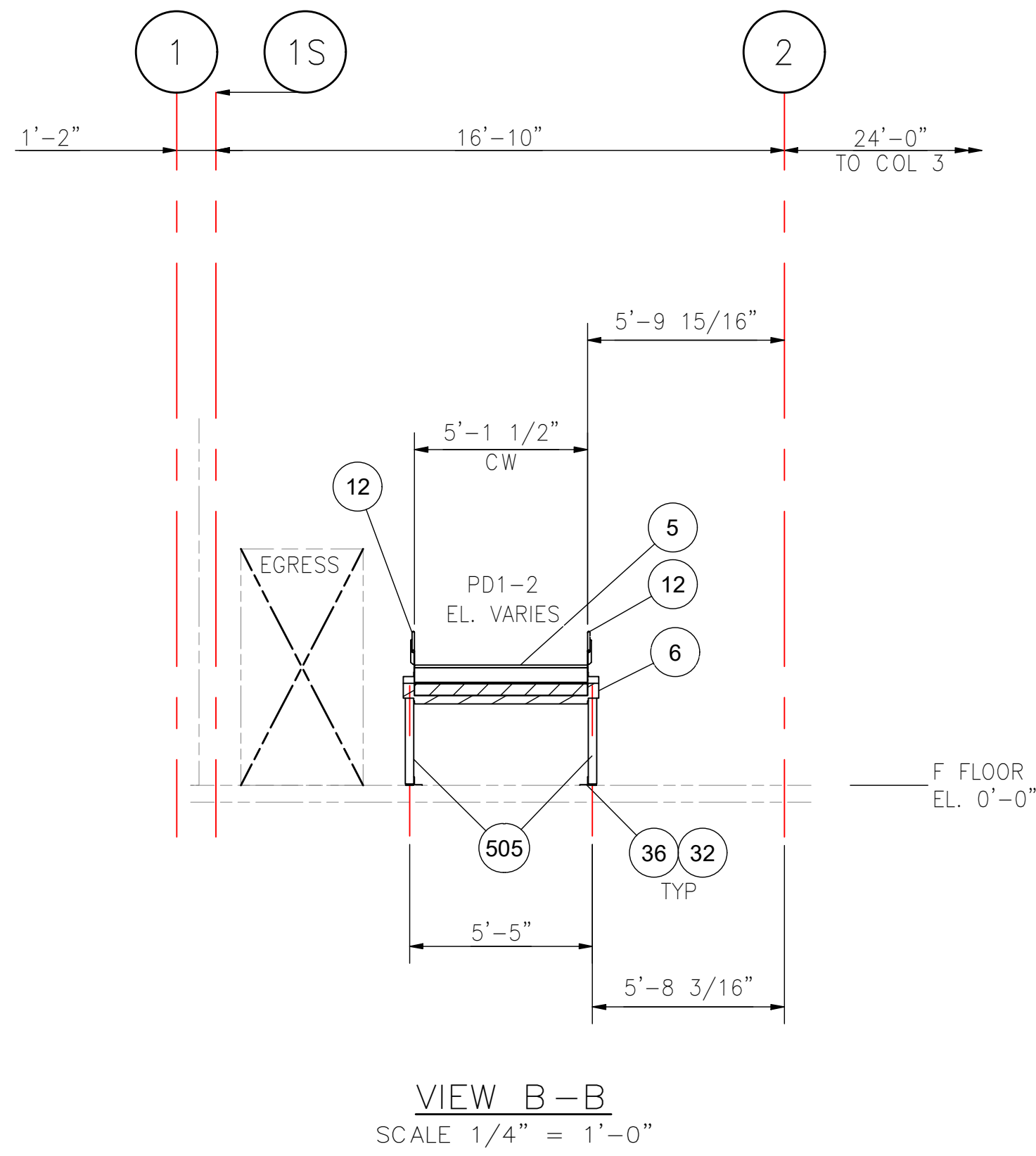
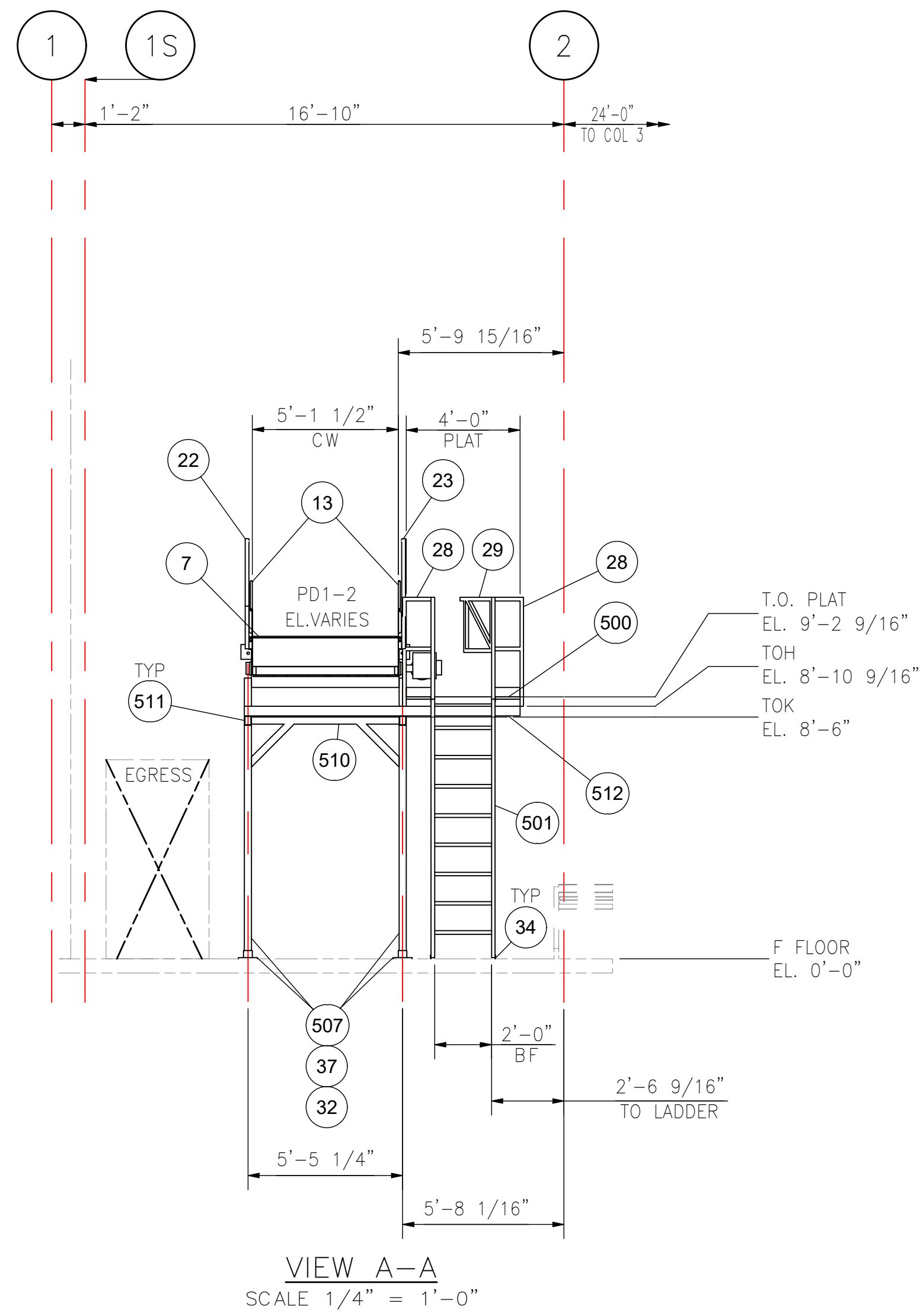
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APPROVALS		DATE	TITLE
MODEL	A COLPO	06/05/24	<b>PLAN VIEW</b> <b>PD1-1 &amp; PD1-2</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	D SONNER		
CHECKED			
ENGR			
MCP NUMBER			
SCALE AS SHOWN	SIZE D	DWG NO LP0003524M-300	SHEET 3 OF 5





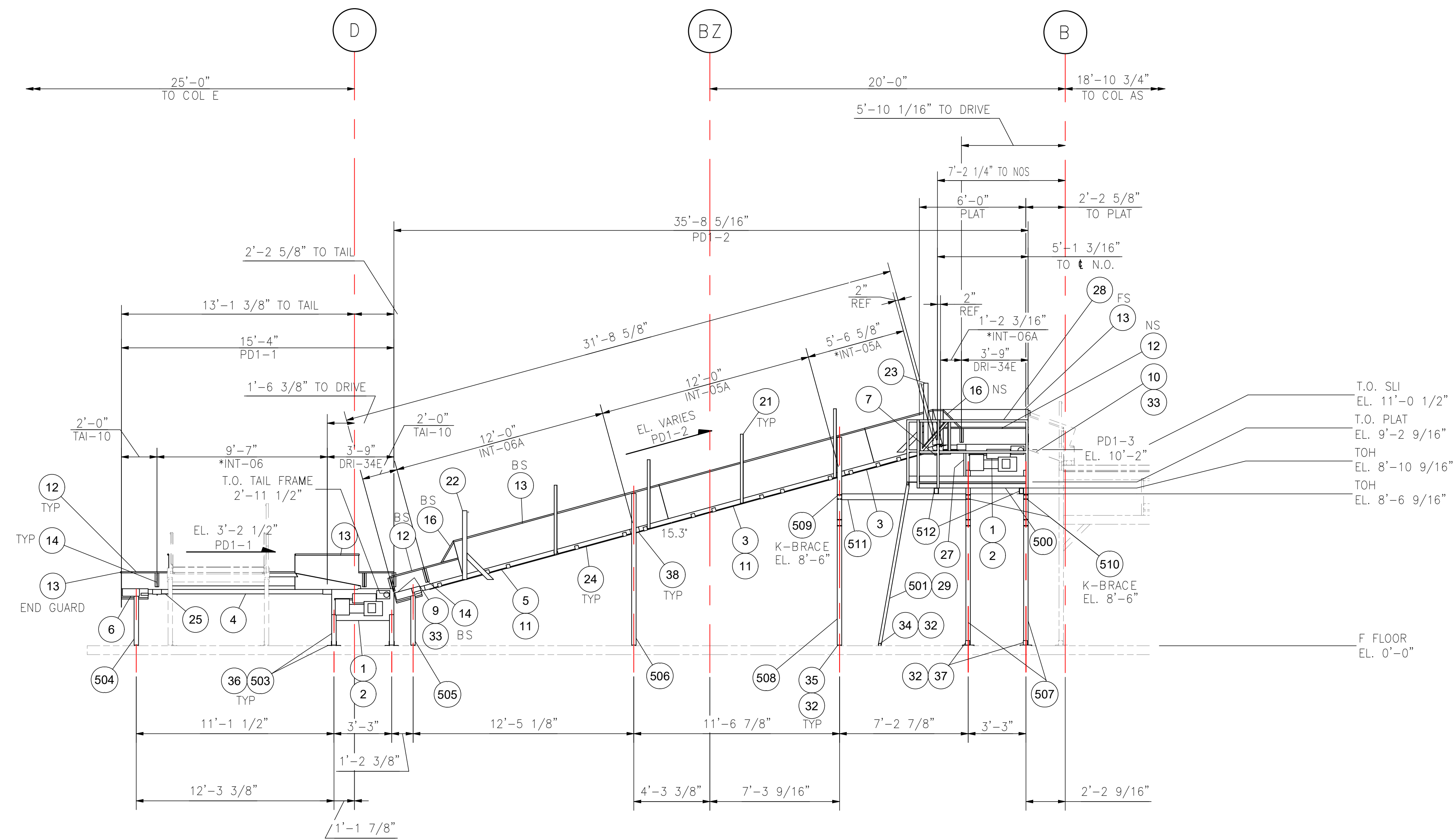
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APPROVALS	DATE	TITLE	
MODEL	A COLPO	06/05/24	<b>SECTION VIEWS</b> <b>PD1-1 &amp; PD1-2</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	D SONNER		
CHECKED			
ENGR			
MCP NUMBER			
SCALE AS SHOWN	SIZE D	DWG NO LP0003524M-300	SHEET 4 OF 5
			REV 0



VIEW F-F  
SCALE 1/4" = 1'-0"

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DRAWN	D SONNER		
CHECKED			
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-300	5 OF 5
		REV 0	
<b>ELEVATION VIEW</b> <b>PD1-1 &amp; PD1-2</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>			

ITEM	ERP NUMBER	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
1	100766308	500-001	1	DRIVE FRAME WITH PULLEY, 36E UPS SPEC 2020, 12 deg, LH, 36" WD, 9.125-4A	3'-6"	37" CW	DRI-36E	9-1048-2001-36	LL-01-SSR-1
2	100693395	500-002	1	SUMI, LHYJMS3-4A105Y-Y1-35-1.9375, 3 HP, 460V 60HZ, 1750 RPM MOTOR, 35 RATIO, 125 FPM, Y1, IMPERIAL, 1.9375 BORE, NO TORQUE ARM			-	-	
3	100009755	500-003	2	INTERMEDIATE, 10 GA, NO ROLLERS, 3 1/2" DP.	12'-0"	37" CW	INT-06		LL-01-SSR-1
4	100764849	500-004	1	TAIL, 4 1/2" PULLEY, 7" DP.	2'-0"	37" CW	TAI-10	9-3004-2001-36	LL-01-SSR-1
5	100009602	500-005	1	HITCH, 4 1/2" PULLEY, 9 5/8" DP, 37" CW	4'-0"	37" CW	HIT-08		LL-01-SSR-1
6	100575110	500-006	2	GRAVITY, DUAL LANE, 44" OAW, 42" BF, 3" CTRS	10'-0"	3'-8"	ROL-16		LL-01-DA1-2, LL-01-DA1-1
7	100881403	500-007	2	GRAVITY, SINGLE LANE, SUP[2]	5'-8"	24" CW			LL-01-DA1-4
8	100554382	500-008	1	SLIDE, SMALL SORT, WITHOUT WINGS	10'-9"	48"	SLI-14A		LL-01-DA1-1CHU
9	100607809	500-009	1	SLIDE, TRA 01 UPS	12'-0"	0'-5"	TRA-01		
10	100684530	500-010	1	TRANSFER PLATE, SEGMENTED, HITCHGD-V3-KIT-36IN	0'-3"	37" CW	TRA-20S	4442	
11	100846264	500-011	1	UHMW PLATE, 1/4" TH., 45° BEVEL ALONG ONE LENGTH SIDE	0'-6"	36 7/8"			
12	100558212	500-012	1	ROLLER DECK, 24" NOM. W, 122" L	10'-0"	25" CW	ROL-15A		LL-01-DA1-3
13	100010908	500-013	9	SIDE GUARD, PAN-01, 16GA, 12" HT.	12'-0"		PAN-01		
14	100010910	500-014	1	SIDE GUARD, PAN-01, 16GA, 24" HT.	12'-0"		PAN-01		
15	100864776	500-015	1	SID, FOD PROTECTOR, RH					
16	100534403	500-016	1	PINCH POINT GUARD, 2" X 1/4" THK.	2'-0"				
17	100507028	500-017	1	TRACKING ROD, 3/8" DIA HRS	20'-0"				
18	100515060	500-018	2	WEDGE, 45 DEG, 16GA, 12 1/2" HT., WELDED UPS			PAN-01	[SRV]	
19	100515067	500-019	2	WEDGE, 45 DEG, 16GA, 6" HT., WELDED UPS			PAN-01		
20	100558015	500-020	5	GUARD, INTERMEDIATE SECTION	4'-0"	37" CW	GUA-08C		
21	100584757	500-021	2	GUARD, INGRESS	10"	37" CW	GUA-19	3-9900-3762-36	
22	100672838	500-022	2	L 3/4" x 3/4" x 1/8" BOTTOM GUARD ANGLE, NOT PAINTED	3'-1"				NO GEOM
23	100727474	500-023	1	ACCESSORY, HITCH GUARDING SIGN			HIT-01		NO GEOM
24	100637260	500-024	1	BIN, SMALLS, 30 DESTINATIONS	4'-0"	93"	SOR-02A		LL-01-SS1-1
25	100033038	500-025	2	INTERMEDIATE REINFORCING ANGLE 1" X 1" X 1/4" 3'-0 5/8" LG, NOT PAINTED		37" CW			NO GEOM
26	100748850	500-026	20	ANCHOR BOLT, NON-SEISMIC CS WEDGE HILTI KWIKBOLT KB1	5 1/2"	1/2" DIA		2139993	NO GEOM
27	100804692	500-027	12	HARDWARE, FLAT HEAD, 1/4"-20NF X 1", BLACK PHOSPHATE, THREAD CUTTING, CASE HARDENED, T30 STAR HEAD DRIVE	1"				NO GEOM
28	100033300	500-028	20	SUPPORT, ANGLE CLIP L3x3x.25 WITH HOLE	2 1/2"		SUP-01	3-9900-1162	
29	100831696	500-029	1	BELT HARDWARE, LACING, 0.065	74 in	0.054		3HT-WIDE, 05362	LL-01-SSR-1[74 in]
30	100831700	500-030	1	BELT HARDWARE, PIN, NYLOSTEEL 0.093	37 in	0.093		NY093-C, 02628	LL-01-SSR-1[37 in]
31	100607997	500-031	1	BELT, APH150HTS, 35.5 BW	83 ft	35.5 BW	-	APH150HTS	LL-01-SSR-1[83 ft]
500	100013032	500-500	6	STEEL, SQ. TUBE, 1 1/2" x 1 1/2" x 1/4"	2'-1 3/4"	1 1/2"			SS03
501	100265722	500-501	2	STEEL, RECT. TUBE, 3" x 1 1/2" x 11GA	2'-2 5/8"	1 1/2"			SS03
502	100304856	500-502	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	1'-1 3/4"	3"			SS03
503	100304934	500-503	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	1'-9 1/2"	3"			SS03
504	100304870	500-504	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	1'-11 1/2"	3"			SS03
505	100306864	500-505	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	3'-0 3/4"	3"			SS03

### SUBMITTAL REVIEW

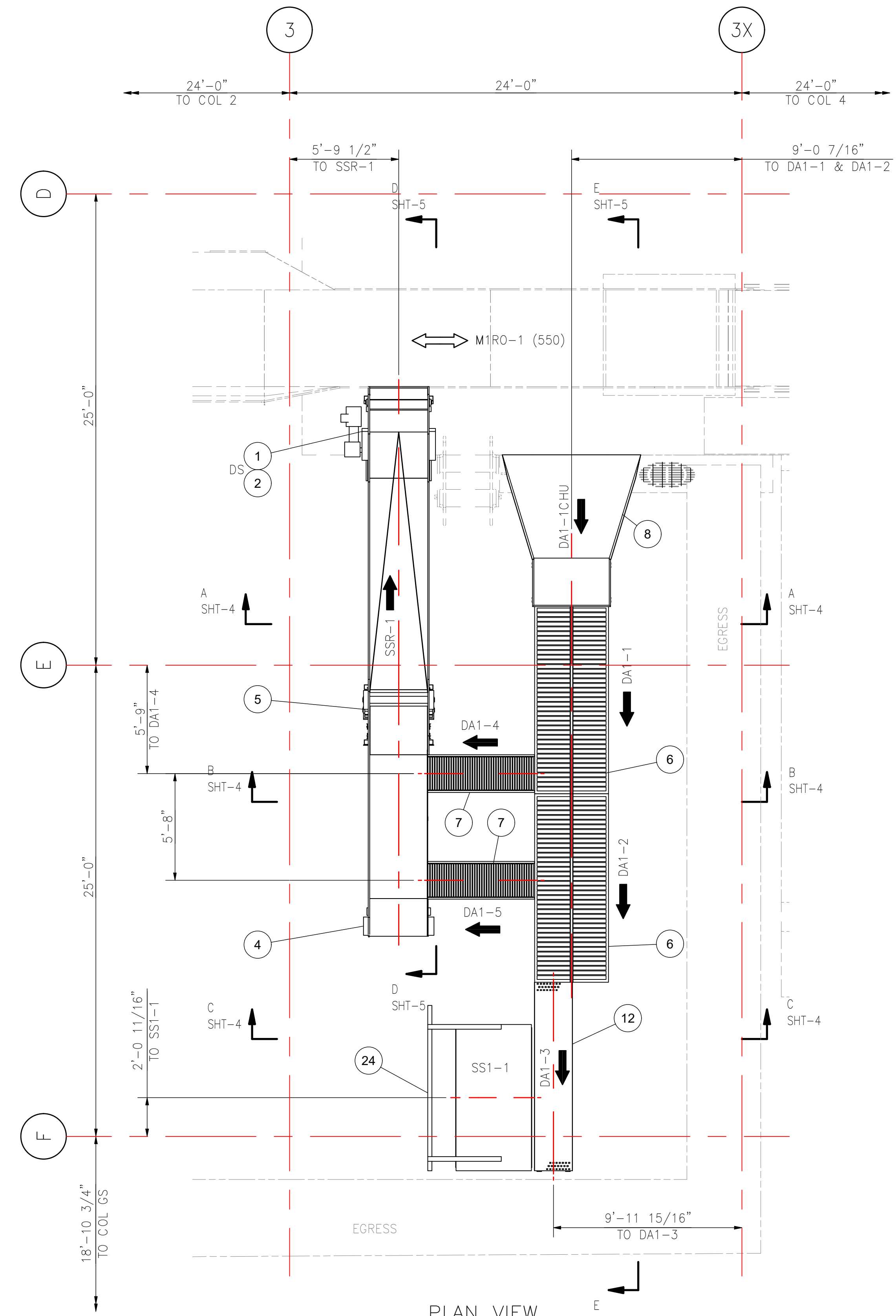
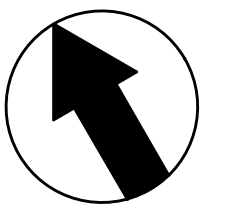
- APPROVED (A)
- APPROVED AS NOTED (AN)
- NOT APPROVED, REVISE AND RESUBMIT (NA)

REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

REVIEW OF THIS DRAWING COVERS GENERAL CONFORMITY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS AND DOES NOT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

0	RELEASED FOR UPS APPROVAL	6/21/2024	C RENNIRT
REV	DESCRIPTION	DATE	BY
REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS	DATE	TITLE	
MODEL A COLPO	6/5/2024	<b>B.O.M.</b> <b>DA1-1CHU THRU SSR-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>	
DRAWN A COLPO	6/18/2024		
CHECKED T SLONECKER	6/20/2024		
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-500	1 OF 5
			REV 0





**PLAN VIEW**  
DA1-1CHU THRU SSR-1  
SCALE 1/4" = 1'-0"

**FIELD NOTES: (UPS)**

1. ALL ELEVATIONS TAKEN FROM FINISHED FLOOR (0'-0") UNLESS OTHERWISE NOTED.
2. SUPPORT LEGS TO HAVE 1/2" ALLOWANCE OFF FLOOR WHEN USING SUPPORT CLIPS & 1" ALLOWANCE WHEN USING BASE PLATES. INSTALLER RESPONSIBLE FOR ACHIEVING PROPER ELEVATIONS.
3. \*\*DENOTES ODD LENGTH INTERMEDIATE SECTION TO BE CUT FROM STANDARD 12'-0" LG. INTERMEDIATE SECTION & FIT AFTER FINAL ASSEMBLY.
4. INSTALLER TO VERIFY ANY EXISTING CONVEYORS, PLATFORMS, SUPPORT STEEL & BUILDING CONDITIONS PRIOR TO INSTALLATION.
5. INSTALLER TO SET GUARDRAIL AND TOE PLATE ON ALL SIDES OF ALL PLATFORMS AS REQ'D PER CUSTOMER SPEC. HANDRAIL & TOE PLATE MAY OR MAY NOT BE SHOWN AT TIMES.
6. FIELD TO VERIFY DRIVE AND TAIL SUPPORTS TO ENSURE GUARD CAN OPEN WITHOUT INTERFERENCE.
7. INSTALLER TO VERIFY TUBE STEEL LENGTH BEFORE INSTALLATION AND CUT TO LENGTH AS NEEDED.
8. SEE SHEET 1 FOR BILL OF MATERIALS.
9. INGRESS GUARDS ARE REQ'D @ ENTRY OF EACH DRIVE, TAIL AND NOSEOVER OF ALL CONVEYORS.
10. CABLE RAIL REQUIREMENTS ARE AS FOLLOWS: MAXIMUM SPACING OF POSTS NOT TO EXCEED 8'-0" CTR TO CTR FOR ALL CONVEYORS 4'-0" ABOVE FINISHED FLOOR. MAXIMUM SPACING OF POSTS NOT TO EXCEED 6'-0" CTR TO CTR FOR ALL DOUBLE STACK CONVEYORS. CABLE RAIL IS REQUIRED ON BOTH SIDES OF CONVEYOR UNLESS NOTED OTHERWISE. REFERENCE RAI-01 SPEC SHT. 1 FOR INTERMEDIATES AND SHT. 2 FOR SLI-13.
11. INSTALLER TO VERIFY AND INSTALL ALL REQUIRED GUARDING.
12. GRAVITY BOLTED SUPPORTS ARE TO BE CENTERED AT SPLICE POINTS, ALIGNED TO ENDS AND CONSISTENTLY IN SIMILAR AREAS WITH MAXIMUM 6FT LENGTHWISE CENTER SPACING (EXCEPT WHERE OTHERWISE NOTED OR CLEARLY DIMENSIONED).

**LACING NOTES: (UPS)**

SEE UPS BSC-01 FOR BELT LACE AND PIN TYPE.  
USE 7 DEGREE BIAS CUT FOR ALL BELTS OVER 200 FPM.  
USE DURA LINK PIN FOR ALL BELTS OVER 200 FPM

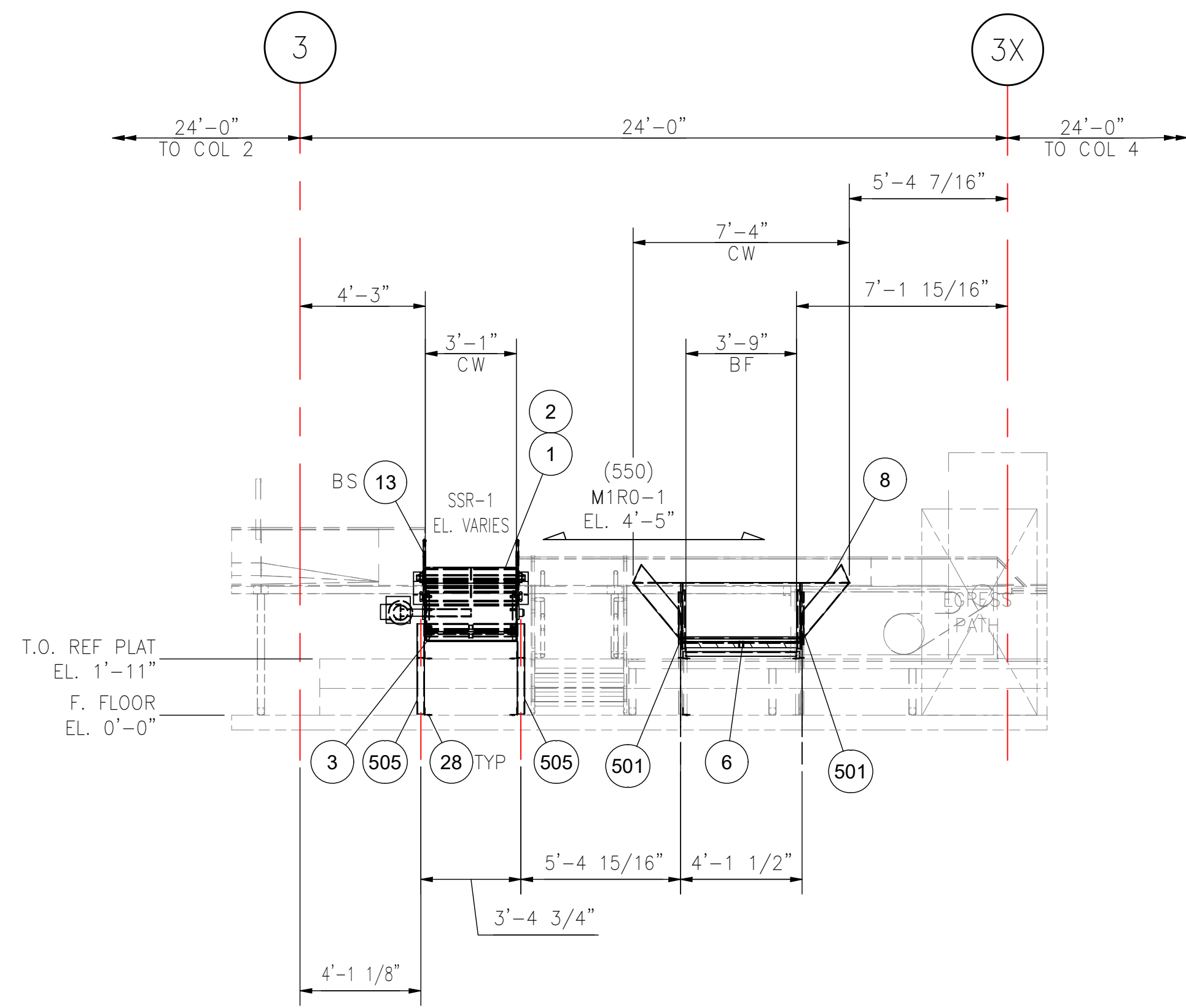
CONV NAME	WIDTH	O.A.L. LENGTH	BELT TYPE	FPM	HP
SSR-1	37"	28'-8 15/16"	APH150HTS	75	3

**SUBMITTAL REVIEW**

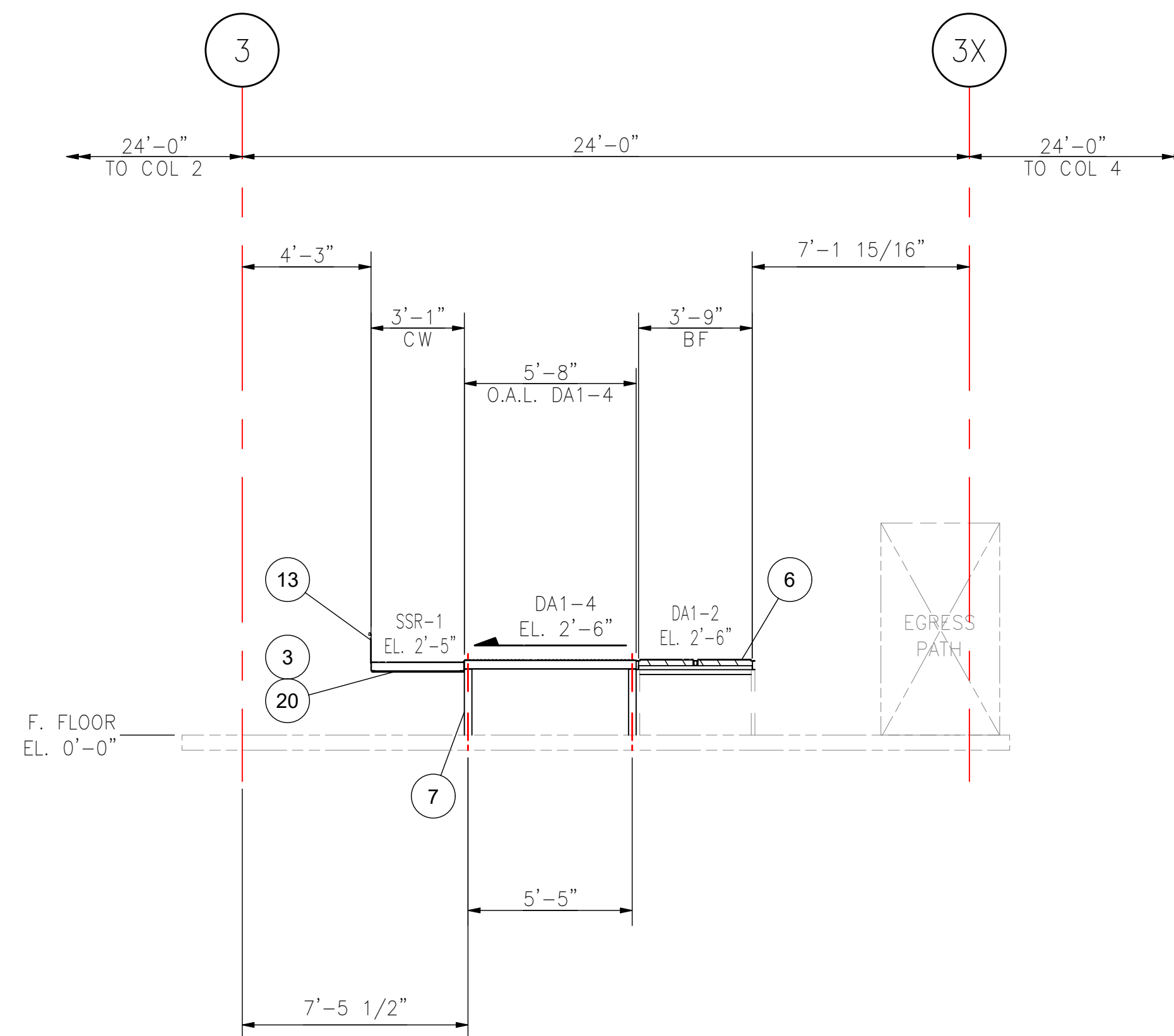
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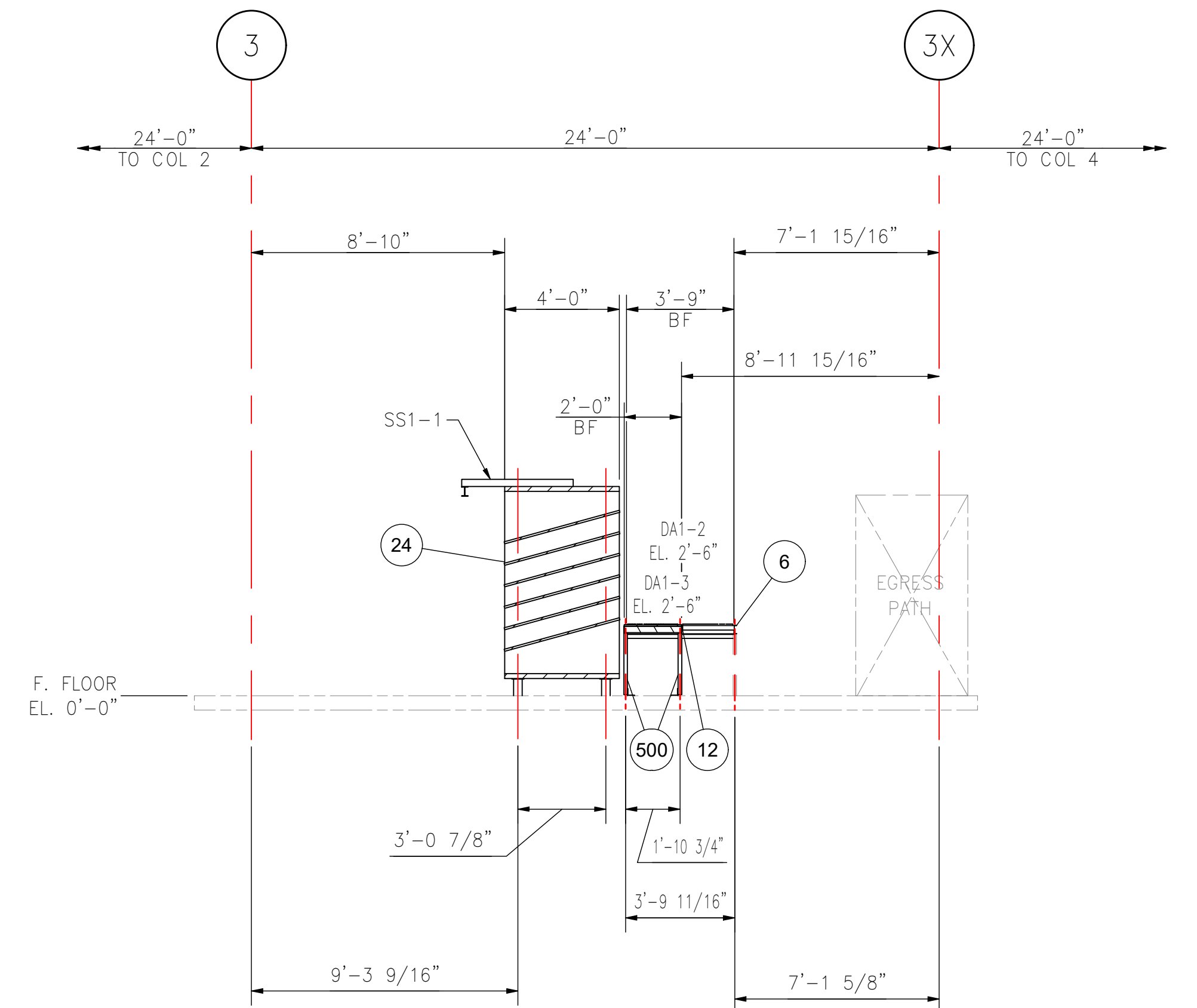
0	RELEASED FOR UPS APPROVAL	6/21/2024	C RENNIRT
REV	DESCRIPTION	DATE	BY
<b>REVISION HISTORY</b>			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
<b>APPROVALS</b>		<b>DATE</b>	
MODEL	A COLPO	6/5/2024	
DRAWN	A COLPO	6/18/2024	
CHECKED	T SLONECKER	6/20/2024	
ENGR			
MCP NUMBER		SIZE	DWG NO
SCALE AS SHOWN		D	LP0003524M-500
<b>PLAN VIEW</b> <b>DA1-1CHU THRU SSR-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>			SHEET 3 OF 5
			REV 0



VIEW A-A  
DA1-1CHU THRU SSR-1  
SCALE 1/4" = 1'-0"



VIEW B-B  
DA1-1CHU THRU SSR-1  
SCALE 1/4" = 1'-0"



VIEW C-C  
DA1-1CHU THRU SSR-1  
SCALE 1/4" = 1'-0"

**SUBMITTAL REVIEW**

APPROVED (A)

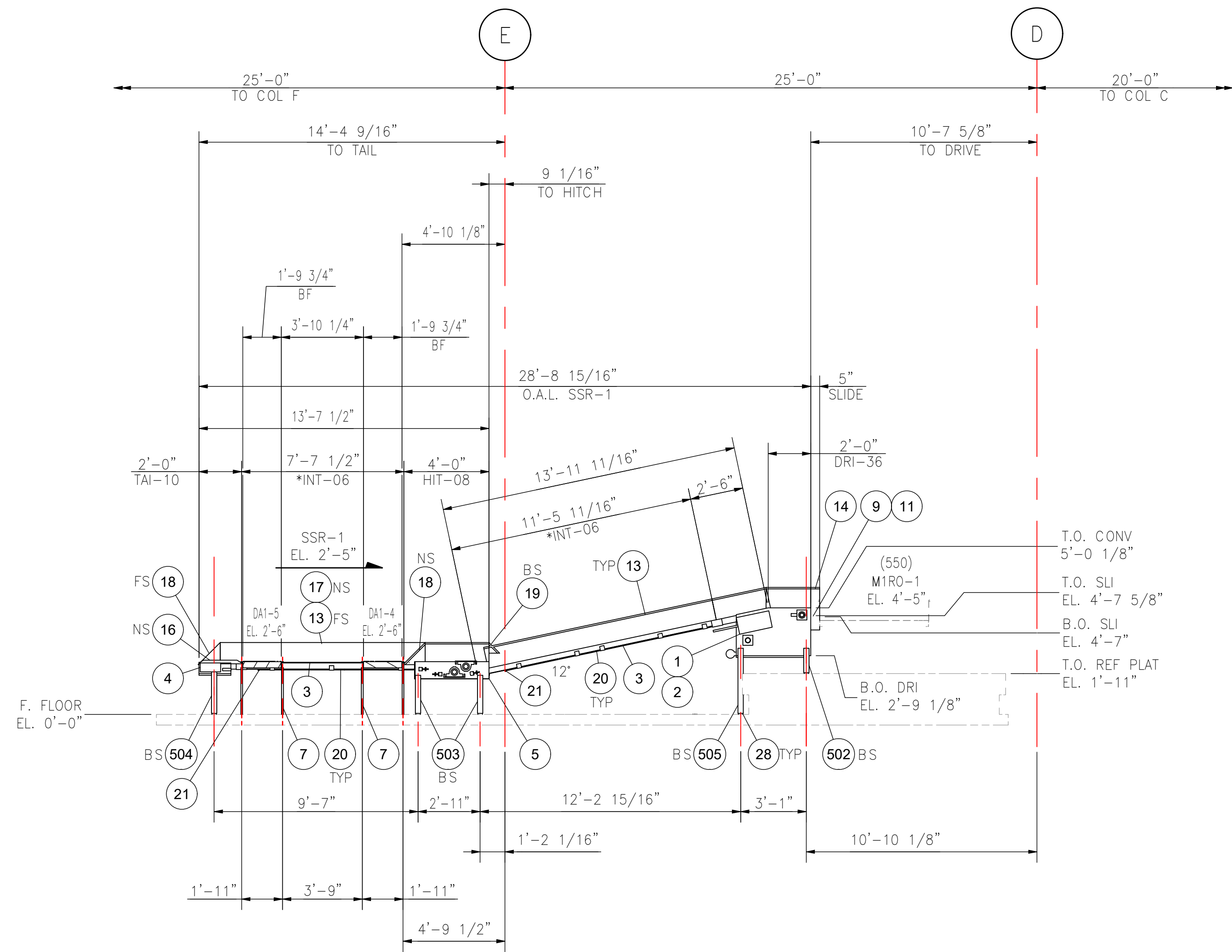
APPROVED AS NOTED (AN)

NOT APPROVED, REVISE AND RESUBMIT (NA)

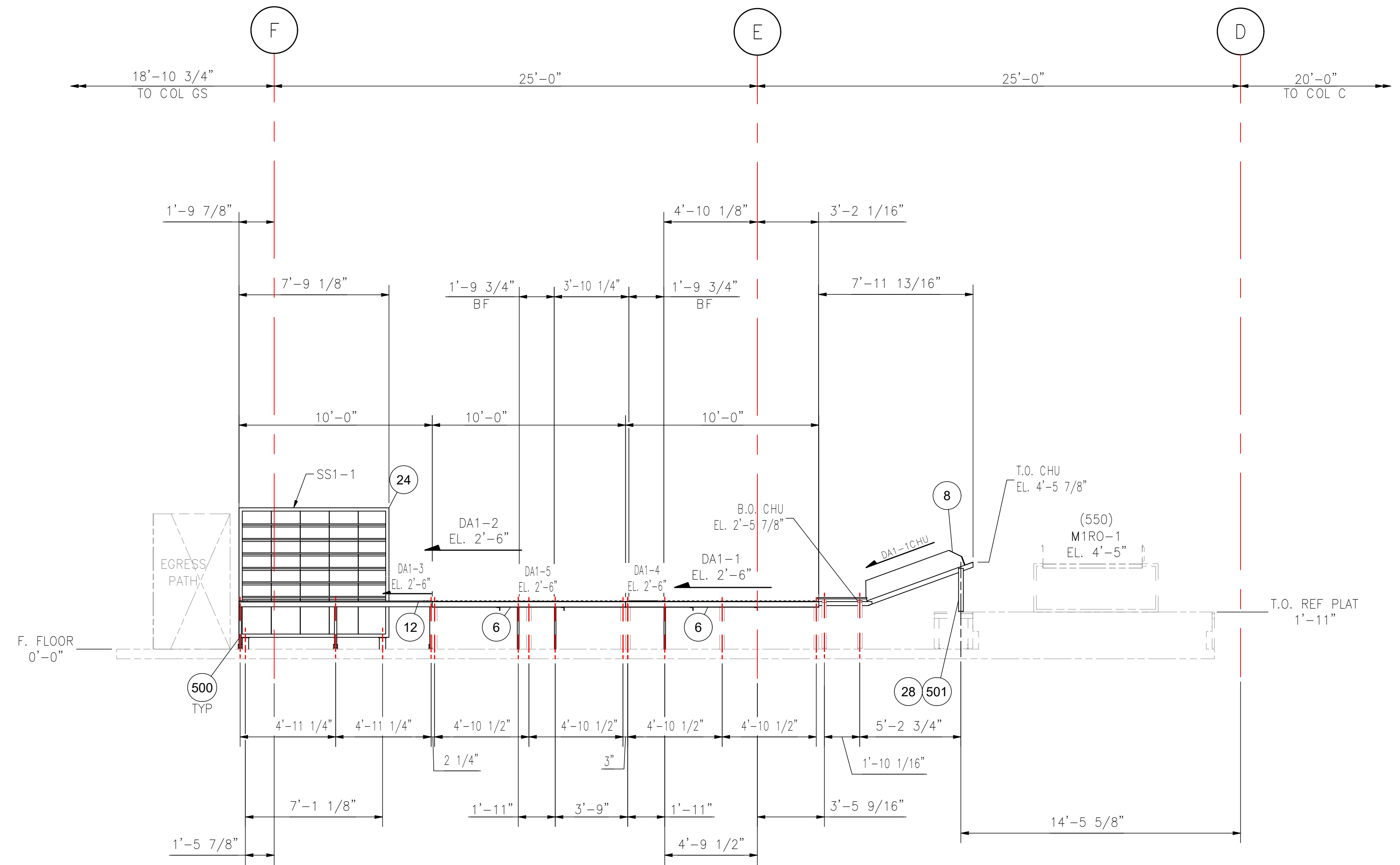
REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

REVIEW OF THIS DRAWING COVERS GENERAL CONFORMITY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS AND DOES NOT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

0	RELEASED FOR UPS APPROVAL	6/21/2024	C RENNIRT
REV	DESCRIPTION	DATE	BY
REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS		DATE	TITLE
MODEL	A COLPO	6/5/2024	VIEW A-A THRU C-C DA1-1CHU THRU SSR-1 UPS - ST. CATHERINE'S, ON, CA
DRAWN	A COLPO	6/18/2024	
CHECKED	T SLONECKER	6/20/2024	
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-500	4 OF 5
			REV 0



VIEW D-D  
DA1-1CHU THRU SSR-1  
SCALE 1/4" = 1'-0"



VIEW E-E  
DA1-1CHU THRU SSR-1  
SCALE 1/4" = 1'-0"

### SUBMITTAL REVIEW

- APPROVED (A)
- APPROVED AS NOTED (AN)
- NOT APPROVED, REVISE AND RESUBMIT (NA)

REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

REVIEW OF THIS DRAWING COVERS GENERAL CONFORMITY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS AND DOES NOT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

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REV	DESCRIPTION	DATE	BY
REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS		DATE	TITLE
MODEL	A COLPO	6/5/2024	<b>VIEW D-D &amp; E-E</b> <b>DA1-1CHU THRU SSR-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	A COLPO	6/18/2024	
CHECKED	T SLONECKER	6/20/2024	
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-500	5 OF 5
			REV
			0

ITEM	ERP NUMBER	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
1	100680378	550-001	1	DRIVE FRAME, 12C CS UPS, 0 deg, LH, 60" WD	7'-0"	61.5" CW	DRI-12C		LL-01-M1RO-1
2	100009757	550-002	9	INTERMEDIATE, 10 GA, NO ROLLERS, 3 1/2" DP.	12'-0"	61 1/2" CW	INT-06		LL-01-M1RO-1
3	100764846	550-003	2	TAIL, 8 5/8" PULLEY, 10" DP.	2'-6"	61 1/2" CW	TAI-02	9-3016-3001-7GA-60	LL-01-M1RO-1
4	100643509	550-004	1	SLIDE, TRA 03 UPS, 36" EXTENSION	2'-0"	61" CW	TRA-03		
5	100643509	550-005	1	SLIDE, TRA 03 UPS, 36" EXTENSION	2'-0"	61" CW	TRA-03		
6	100535437	550-006	1	TRANSFER PLATE, SEGMENTED, TGB-7/178-3/4-60/1524	0'-7"	61 1/2" CW	TRA-18S	56123	
7	100846255	550-007	1	UHMW PLATE, 1/4" TH., 45° BEVEL ALONG ONE LENGTH SIDE	1'-0"	61 3/8"			
8	100010908	550-008	2	SIDE GUARD, PAN-01, 16GA, 12" HT.	12'-0"		PAN-01		
9	100010910	550-009	6	SIDE GUARD, PAN-01, 16GA, 24" HT.	12'-0"		PAN-01		
10	100011059	550-010	1	SIDE GUARD, PAN-02 TAPERED, LH, 16GA, 24" HT.	6'-0"		PAN-02 TAPERED		
11	100011068	550-011	1	SIDE GUARD, PAN-02 TAPERED, RH, 16GA, 24" HT.	4'-0"		PAN-02 TAPERED		
12	100011028	550-012	2	SIDE GUARD, PAN-02, 16GA, 24" HT.	12'-0"		PAN-02		
13	100196809	550-013	2	REMOVABLE SIDE GUARD ANGLES, 10GA, FOR 12" SIDE GUARD	9 1/2"	2 1/2"	PAN-01	5-9900-1018	
14	100195406	550-014	4	REMOVABLE SIDE GUARD ANGLES, 10GA, FOR 24" SIDE GUARD	1'-9 1/2"	2 1/2"	PAN-01	5-9900-1017	
15	100507028	550-015	7	TRACKING ROD, 3/8" DIA HRS	20'-0"				
16	100515059	550-016	1	WEDGE, 45 DEG, 16GA, 12" HT., WELDED UPS			PAN-01		
17	100838465	550-017	40 ft	CABLE RAIL, CABLE, AIRCRAFT, GALV STEEL 3/16" DIA, 7x19 STD, CLEAR VINYL COATED 5/16" FINISHED OD, 840 lb WORKING LOAD LIMIT, 1 ft UOM				BUYOUT	NO GEOM
18	100653356	550-018	10	CABLE RAIL, BOLT, 7/16-14NC x 1" LG, GR5, ZP				TBD	NO GEOM
19	100838466	550-019	12	CABLE RAIL, CLIP (CLAMP), FOR WIRE ROPE 5/16", MALLEABLE IRON, GALV, MEETS FED SPEC FF-CC-450-TYPE 1, CLASS 1			RAI-01	BUYOUT	NO GEOM
20	100838467	550-020	4	CABLE RAIL, THIMBLE, 5/16" OPEN END GALV STEEL			RAI-01	BUYOUT	NO GEOM
21	100653357	550-021	10	CABLE RAIL, NUT, 7/16-14NC, GR5, ZP				TBD	NO GEOM
22	100187322	550-022	2	CABLE RAIL, TURNBUCKLE, 3/8-16NC CLEVIS-TO-CLEVIS, 5/16" PIN W/COTTER, 6" TRAVEL, 11-1/2" RETRACTED LG, FORGED GALV STEEL, 1200 lb WORKING LOAD LIMIT			RAI-01	BUYOUT	NO GEOM
23	100653281	550-023	5	CABLE RAIL, ANGLE POST, FOR PAN-02				3-9900-3226	
24	100187316	550-024	1	CABLE RAIL, WELDED STANDARD ANGLE POST, CTR			RAI-01	4-9900-3083	
25	100187317	550-025	2	CABLE RAIL, WELDED STANDARD END POST, LH			RAI-01	4-9900-3081	
26	100187318	550-026	2	CABLE RAIL, WELDED STANDARD END POST, RH			RAI-01	4-9900-3082	
27	100584754	550-027	1	GUARD, INGRESS	10"	61 1/2" CW	GUA-19	3-9900-3762-60	
28	100647289	550-028	34	T-RAIL, ANGLE CLIP, 2" x 2.5" x 1/4"	0'-3"	2.5			
29	100653274	550-029	2	T-RAIL, ANGLE CLIP, 3" x 4" x 1/4"	0'-3"	4			
30	100653275	550-030	4	T-RAIL, ANGLE CLIP, 3" x 5" x 1/4"	0'-2 1/2"	5			
31	100653276	550-031	6	T-RAIL, ANGLE CLIP, 3.5" x 6" x 5/16"	0'-3"	6			
32	100647291	550-032	2	TRL, END CAP, 2, 2, NA, 0.25		2			
33	100647290	550-033	8	T-RAIL, 2" x 2" x 1/4"	20'-0"	2			
34	100033444	550-034	4	TOE PLATE, 0'-1/8" x 0'-4" x 20'-0", SS02	20'-0"	0'-1/8"	PLT-1001		NO GEOM
35	100033035	550-035	2	INTERMEDIATE REINFORCING ANGLE 1" X 1" X 1/4" x 5'-1 1/8" LG, NOT PAINTED		61 1/2" CW			NO GEOM
36	100748850	550-036	44	ANCHOR BOLT, NON-SEISMIC CS WEDGE HILTI KWIKBOLT KB1	5 1/2"	1/2" DIA		2139993	NO GEOM
37	100804692	550-037	20	HARDWARE, FLAT HEAD, 1/4"-20NF X 1", BLACK PHOSPHATE, THREAD CUTTING, CASE HARDENED, T30 STAR HEAD DRIVE	1"				NO GEOM
38	100033300	550-038	40	SUPPORT, ANGLE CLIP L3x3x.25 WITH HOLE	2 1/2"		SUP-01	3-9900-1162	
39	100033303	550-039	4	SUPPORT, ANGLE CLIP L5x3x.25 WITH HOLE	2 1/2"		SUP-01	3-9900-1171	
40	100831696	550-040	1	BELT HARDWARE, LACING, 0.065	123 in	0.054		3HT-WIDE, 05362	LL-01-M1RO-1[123 in]
41	100831698	550-041	1	BELT HARDWARE, PIN, DURALINK 0.093	61.5 in	0.093		DL093x25FT-W/5FT, 05019	LL-01-M1RO-1[61.5 in]
42	100608147	550-042	1	BELT, RPH3-200 BXB-FR, 59.5 BW	213 ft	59.5 BW	-	RPH3-200 BXB-FR	LL-01-M1RO-1[213 ft]
43		550-043	1	SUMI-CS, 55 FPM, 7.5 HP, 575V, 60 HZ					

ITEM	ERP NUMBER	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
500	100011477	550-500	1	PLATFORM, 3 x 1.5 x 11GA, w/ 19W4 1 x 3/16, BRG BAR PARALLEL TO LENGTH	12'-0"	2'-0"	PLA-09	4-9900-3327	
501	100011487	550-501	1	PLATFORM, 3 x 1.5 x 11GA, w/ 19W4 1 x 3/16, BRG BAR PARALLEL TO LENGTH	14'-6"	2'-0"	PLA-09	4-9900-3332	
502	100657067	550-502	2	STAIR, EL. 1'-11", HANDRAIL 0001		3'-0"	STAIR	4-9612-1023-0001	
503	100271492	550-503	2	STEEL, RECT. TUBE, 3" x 1 1/2" x 11GA	1'-9 1/2"	1 1/2"			SS10
504	100285930	550-504	10	STEEL, RECT. TUBE, 3" x 1 1/2" x 11GA	2'-1 7/8"	1 1/2"			SS17
505	100283264	550-505	6	STEEL, RECT. TUBE, 3" x 1 1/2" x 11GA	4'-0 7/8"	1 1/2"			SS17
506	100304910	550-506	16	STEEL, SQ. TUBE, 3" x 3" x 11GA	1'-6 1/2"	3"			SS03
507	100306942	550-507	2	STEEL, SQ. TUBE, 3" x 3" x 11GA	3'-8 1/2"	3"			SS03

### SUBMITTAL REVIEW

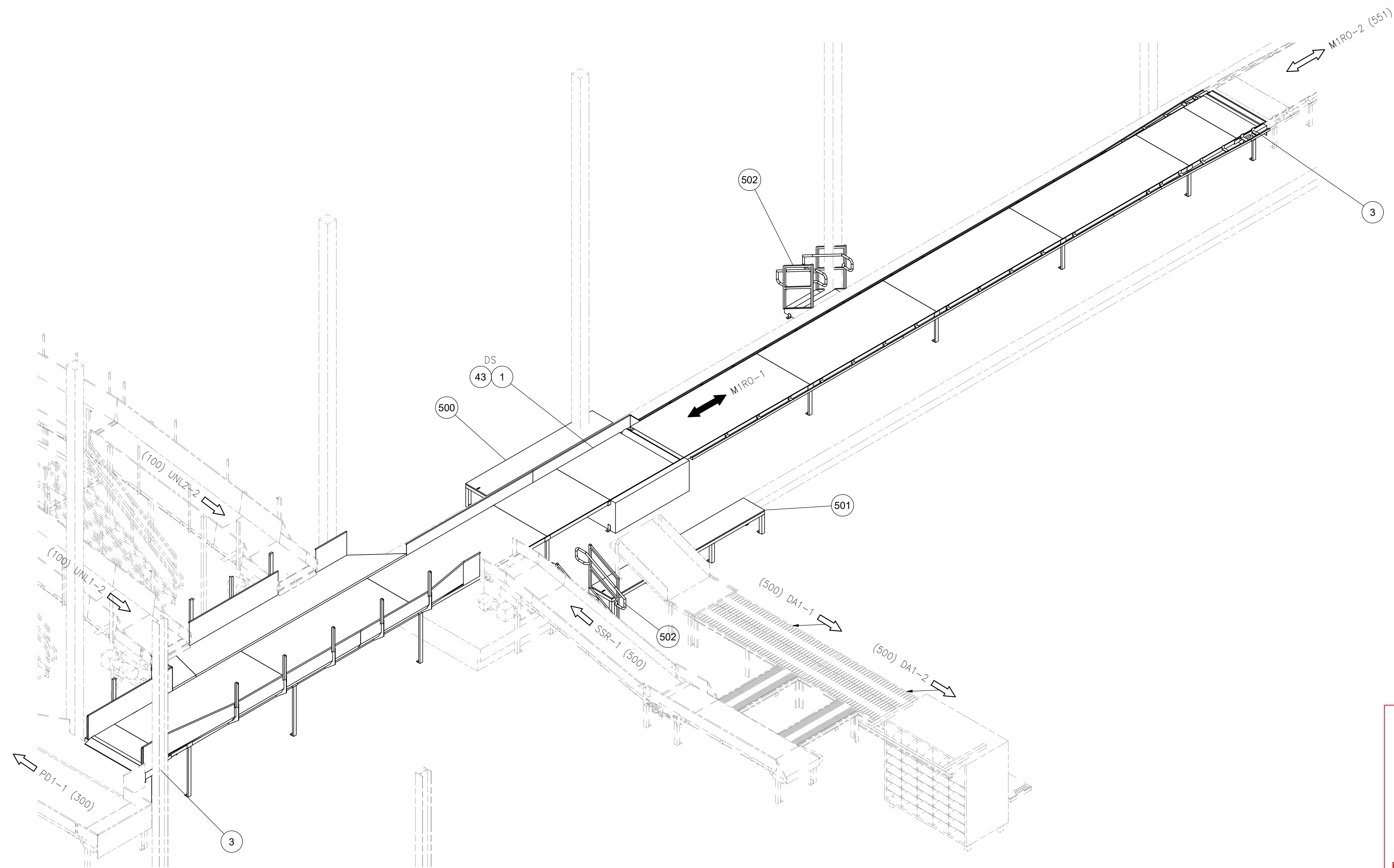
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REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_

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0	RELEASED FOR UPS APPROVAL	06/18/24	C RENNIRT
REV	DESCRIPTION	DATE	BY
REVISION HISTORY			
<b>FORTNA</b>		<b>FORTNA, INC.</b> 131 GRIFFIN WAY MT. WASHINGTON, KY 40047 +1 (502) 636-0690 PHONE +1 (502) 635-2987 FAX	
APPROVALS	DATE	TITLE	
MODEL A COLPO	06/05/24	<b>B.O.M.</b> <b>M1RO-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>	
DRAWN D SONNER	06/21/24		
CHECKED T SLONECKER	06/21/24		
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-550	1 OF 6
			REV 0





ISOMETRIC VIEW  
 SCALE 1/4" = 1'-0"  
 M1RO-1  
 (WALLS AND EGRESS NOT SHOWN FOR CLARITY)

**SUBMITTAL REVIEW**

APPROVED (A)

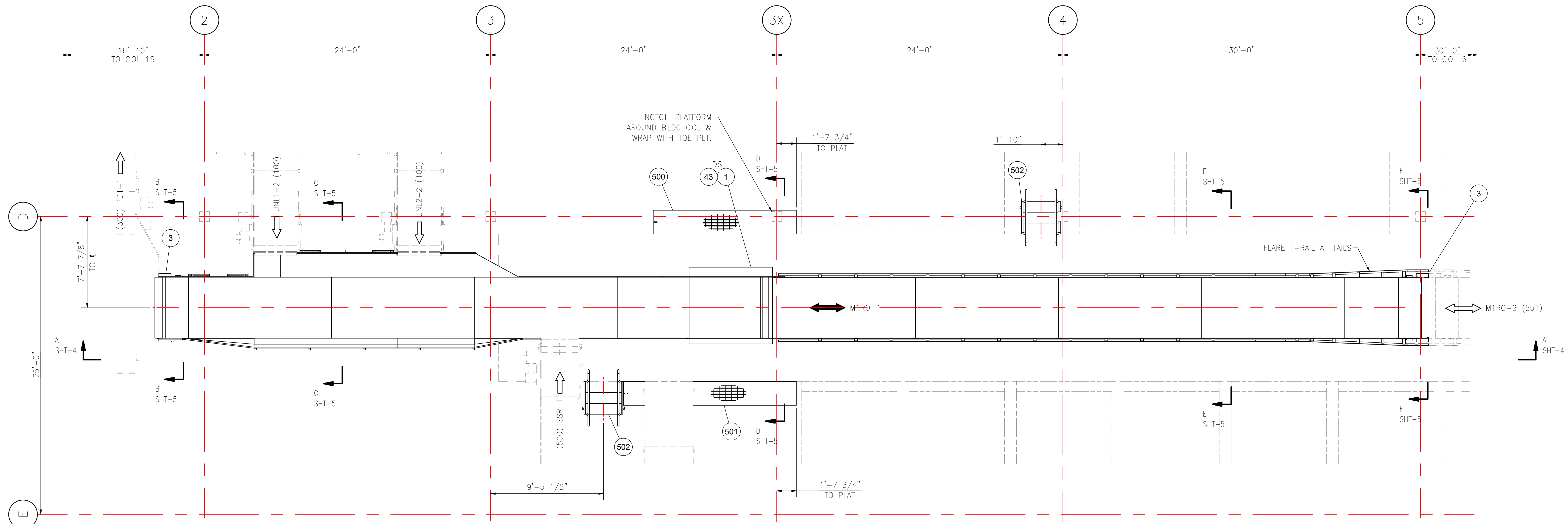
APPROVED AS NOTED (AN)

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APPROVALS		DATE	TITLE
MODEL	A COLPO	06/05/24	<b>ISOMETRIC VIEW</b> <b>M1RO-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	D SONNER	06/21/24	
CHECKED	T SLONECKER	06/21/24	
ENGR			
MCP NUMBER			
SCALE	AS SHOWN	SIZE <b>D</b>	DWG NO <b>LP0003524M-550</b> SHEET 2 OF 6 REV <b>0</b>



PLAN VIEW  
 SCALE 1/4" = 1'-0"  
 M1RO-1  
 (EGRESS NOT SHOWN FOR CLARITY)

FIELD NOTES: (UPS)

- ALL ELEVATIONS TAKEN FROM FINISHED FLOOR (0'-0") UNLESS OTHERWISE NOTED.
- SUPPORT LEGS TO HAVE 1/2" ALLOWANCE OFF FLOOR WHEN USING SUPPORT CLIPS & 1" ALLOWANCE WHEN USING BASE PLATES. INSTALLER RESPONSIBLE FOR ACHIEVING PROPER ELEVATIONS.
- \*\* DENOTES ODD LENGTH INTERMEDIATE SECTION TO BE CUT FROM STANDARD 12'-0" LG. INTERMEDIATE SECTION & FIT AFTER FINAL ASSEMBLY.
- INSTALLER TO VERIFY ANY EXISTING CONVEYORS, PLATFORMS, SUPPORT STEEL & BUILDING CONDITIONS PRIOR TO INSTALLATION.
- INSTALLER TO SET GUARDRAIL AND TOE PLATE ON ALL SIDES OF ALL PLATFORMS AS REQ'D PER CUSTOMER SPEC. HANDRAIL & TOE PLATE MAY OR MAY NOT BE SHOWN AT TIMES.
- FIELD TO VERIFY DRIVE AND TAIL SUPPORTS TO ENSURE GUARD CAN OPEN WITHOUT INTERFERENCE.
- INSTALLER TO VERIFY TUBE STEEL LENGTH BEFORE INSTALLATION AND CUT TO LENGTH AS NEEDED.
- SEE SHEET 1 FOR BILL OF MATERIALS.
- INGRESS GUARDS ARE REQ'D @ ENTRY OF EACH DRIVE, TAIL AND NOSEOVER OF ALL CONVEYORS.
- CABLE RAIL REQUIREMENTS ARE AS FOLLOWS: MAXIMUM SPACING OF POSTS NOT TO EXCEED 8'-0" CTR TO CTR FOR ALL CONVEYORS 4'-0" ABOVE FINISHED FLOOR. MAXIMUM SPACING OF POSTS NOT TO EXCEED 6'-0" CTR TO CTR FOR ALL DOUBLE STACK CONVEYORS. CABLE RAIL IS REQUIRED ON BOTH SIDES OF CONVEYOR UNLESS NOTED OTHERWISE. REFERENCE RAI-01 SPEC SHT. 1 FOR INTERMEDIATES AND SHT. 2 FOR SLI-13.
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LACING NOTES: (UPS)  
 SEE UPS BSC-01 FOR BELT LACE AND PIN TYPE.  
 USE 7 DEGREE BIAS CUT FOR ALL BELTS OVER 200 FPM.  
 USE DURA LINK PIN FOR ALL BELTS OVER 200 FPM

CONV NAME	WIDTH	O.A.L. LENGTH	BELT TYPE	FPM	HP
M1RO-1	60"	106'-6"	RPH3-200 BXB-FR	55	7.5

**SUBMITTAL REVIEW**

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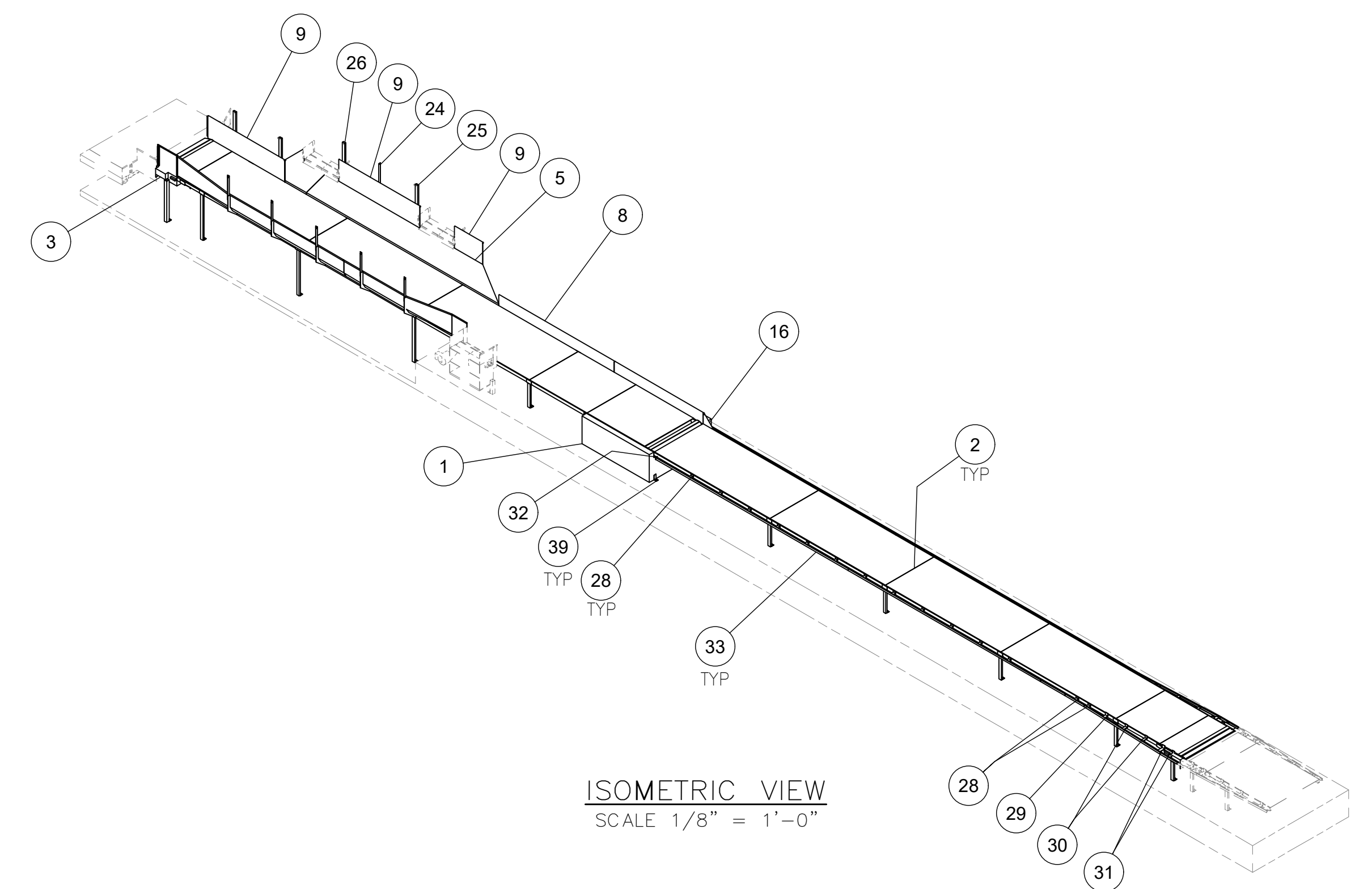
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NOT APPROVED, REVISE AND RESUBMIT (NA)

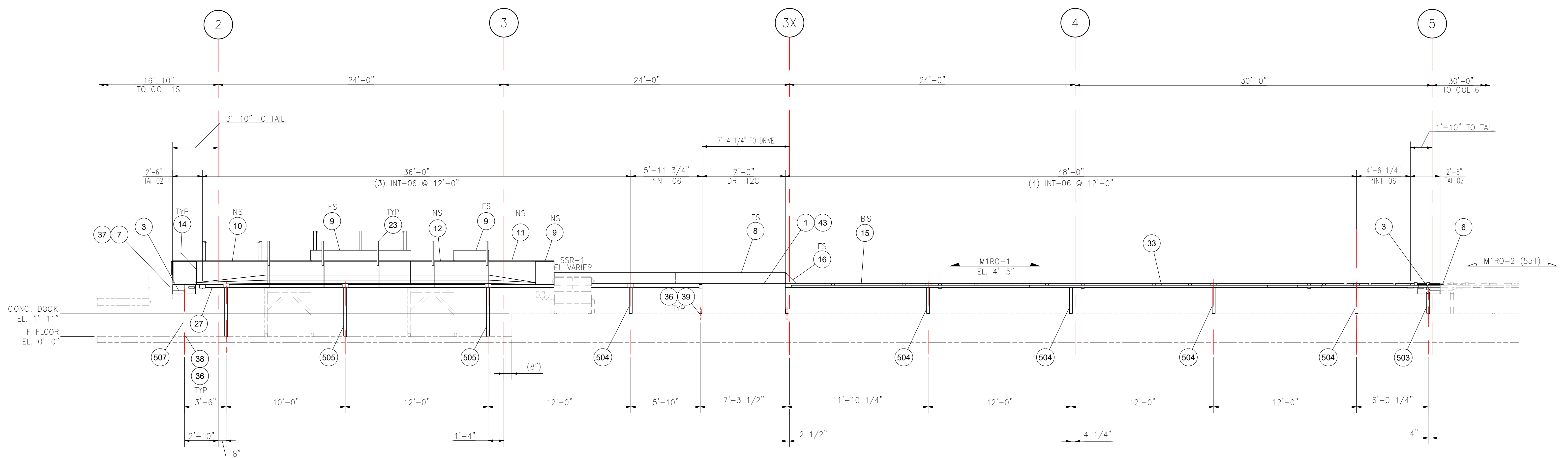
REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

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APPROVALS		DATE	TITLE
MODEL A COLPO		06/05/24	<b>PLAN VIEW</b> <b>M1RO-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN D SONNER		06/21/24	
CHECKED T SLOANECKER		06/21/24	
ENGR			
MCP NUMBER		SIZE	DWG NO
SCALE AS SHOWN		D	LP0003524M-550
			SHEET 3 OF 6
			REV 0



ISOMETRIC VIEW  
SCALE 1/8" = 1'-0"



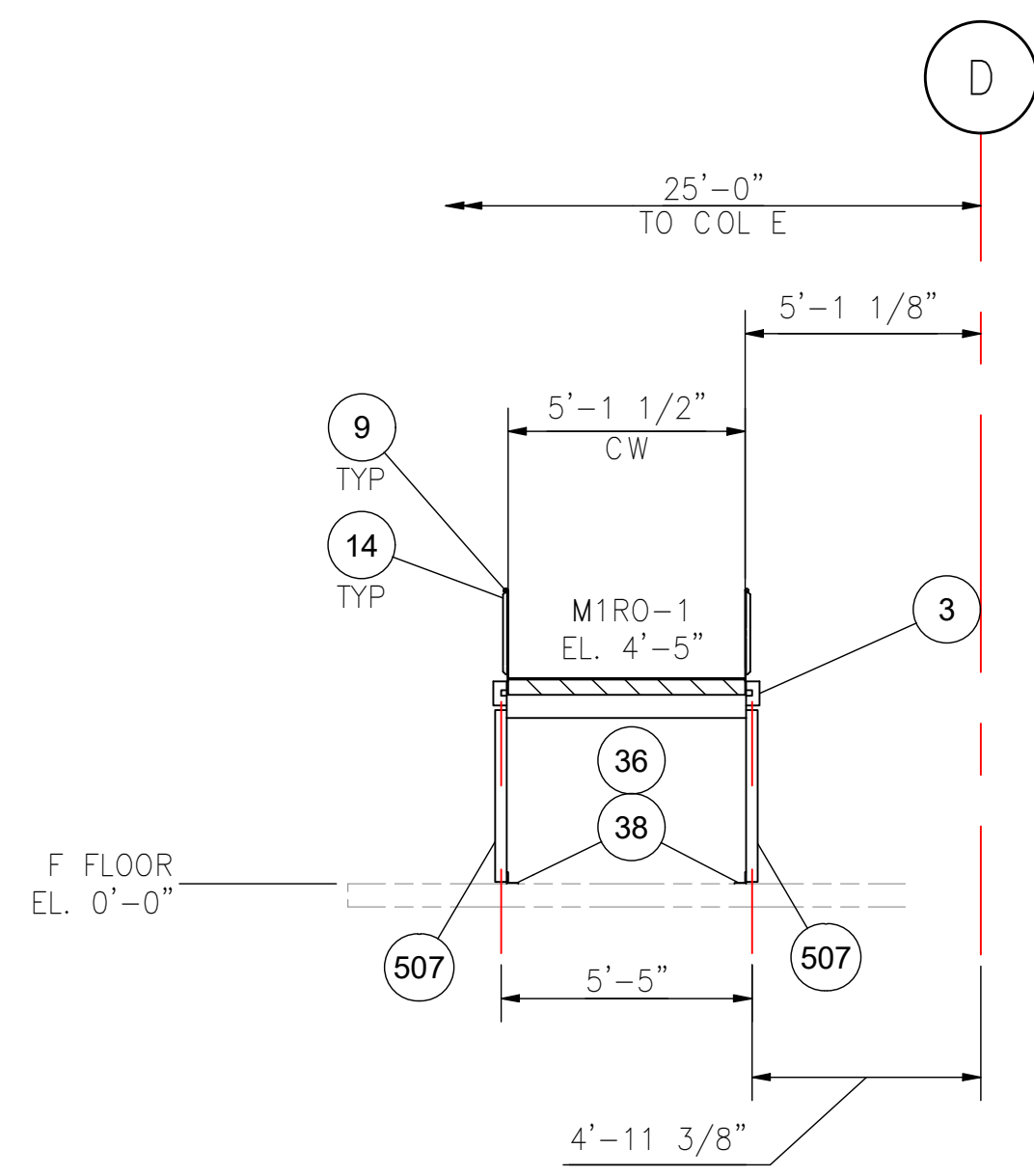
VIEW A-A  
SCALE 1/4" = 1'-0"  
M1RO-1

**SUBMITTAL REVIEW**

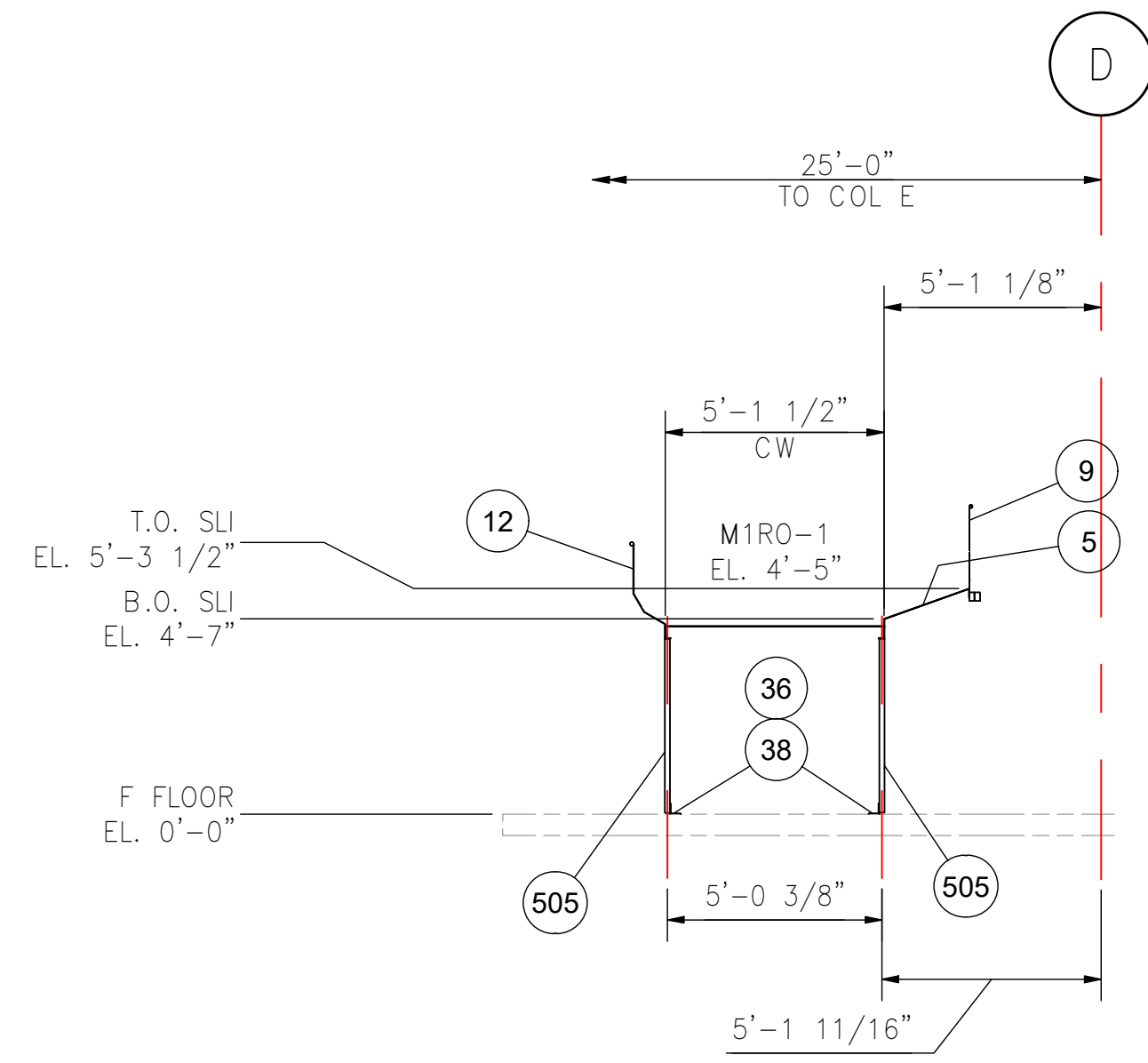
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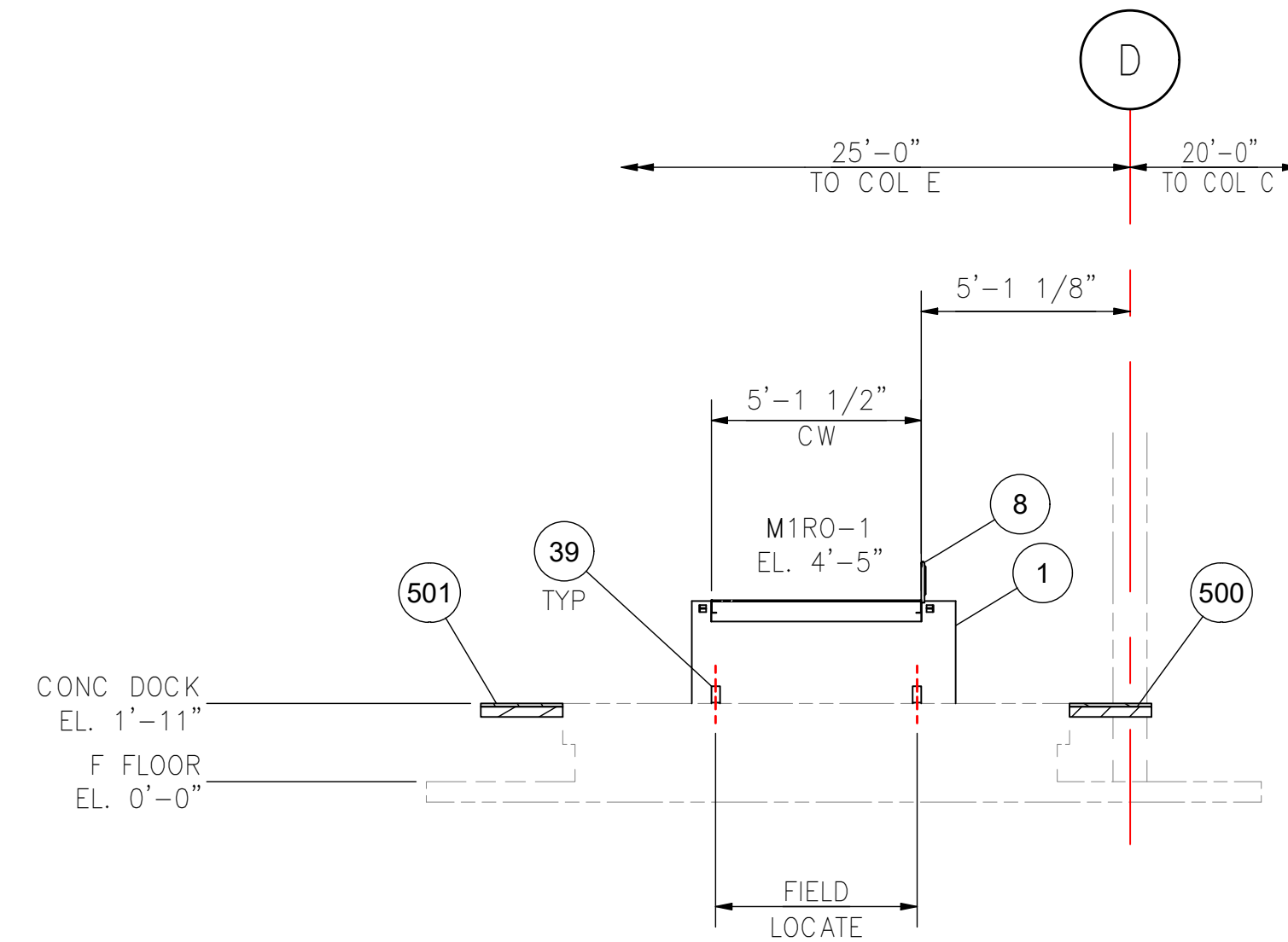
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REVISION HISTORY			
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APPROVALS		DATE	TITLE
MODEL	A COLPO	06/05/24	<b>ELEVATION VIEW</b> <b>M1RO-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	D SONNER	06/21/24	
CHECKED	T SLONECKER	06/21/24	
ENGR			
MCP NUMBER		SIZE	DWG NO
SCALE AS SHOWN		D	LP0003524M-550
		SHEET	REV
		4 OF 6	0



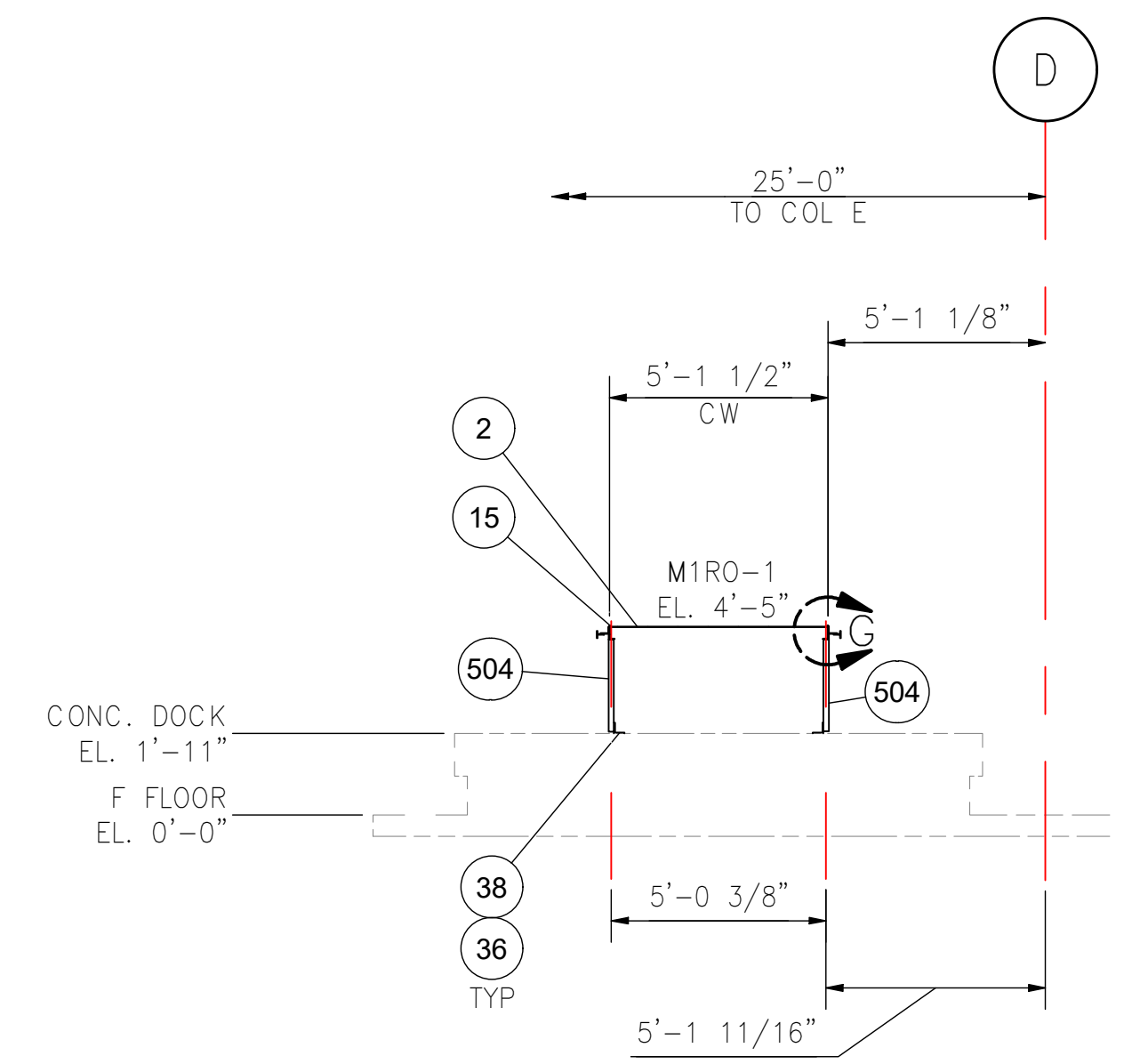
VIEW B-B  
SCALE 1/4" = 1'-0"



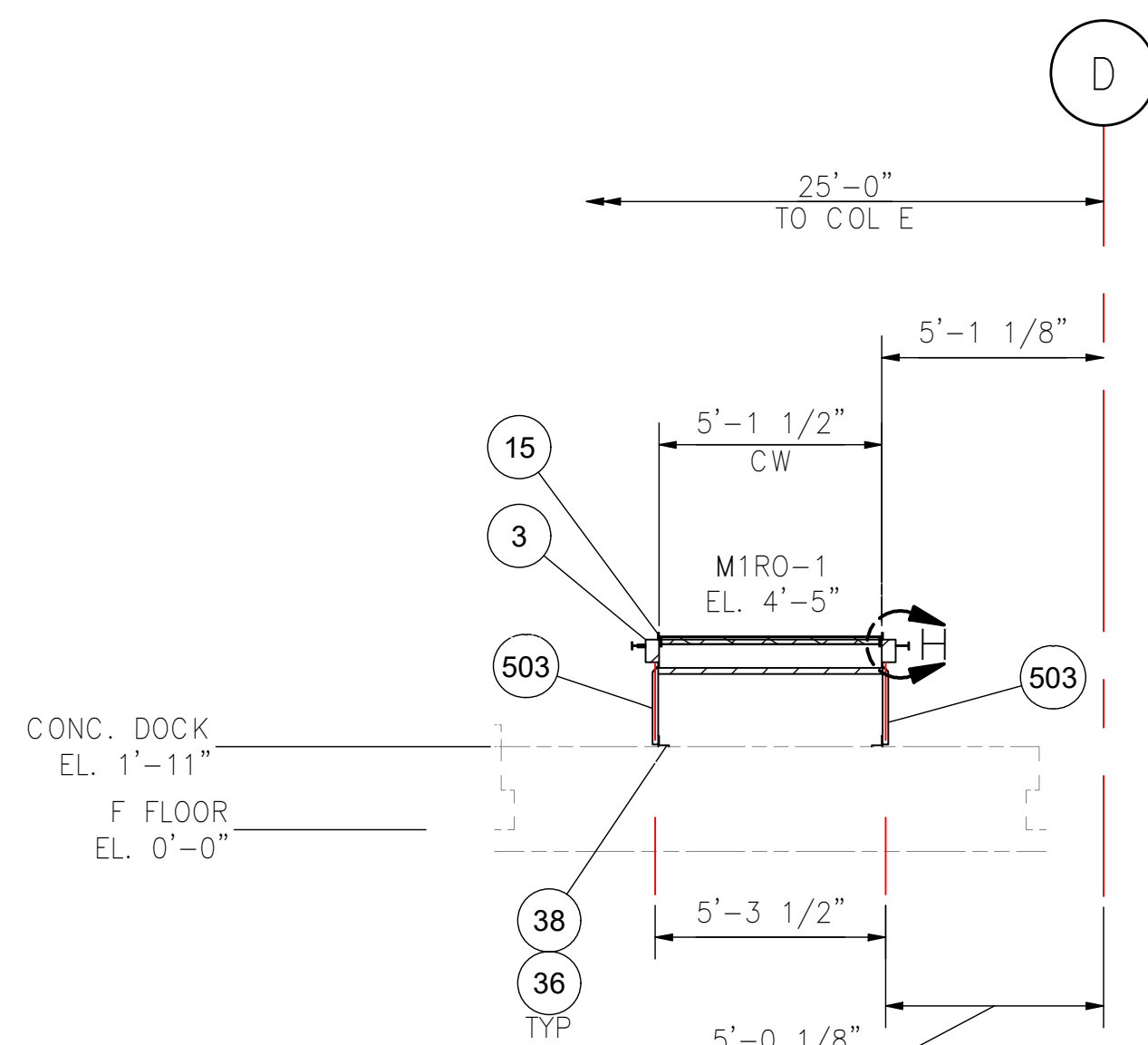
VIEW C-C  
SCALE 1/4" = 1'-0"



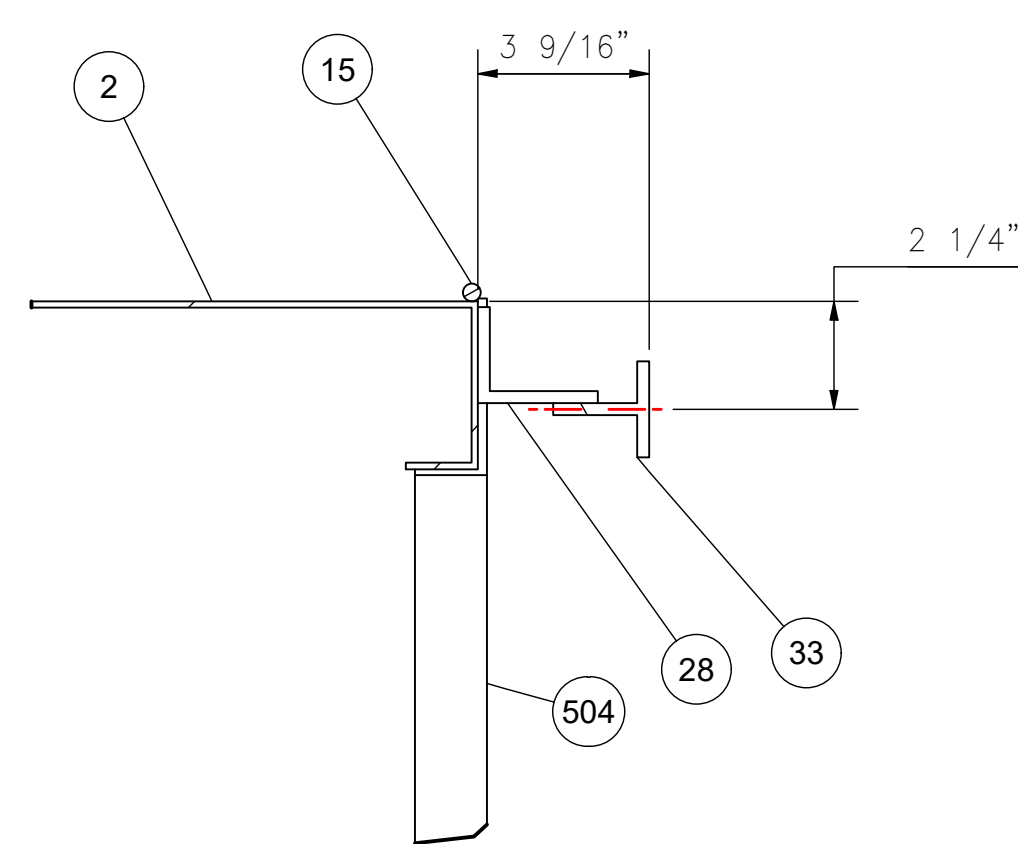
VIEW D-D  
SCALE 1/4" = 1'-0"



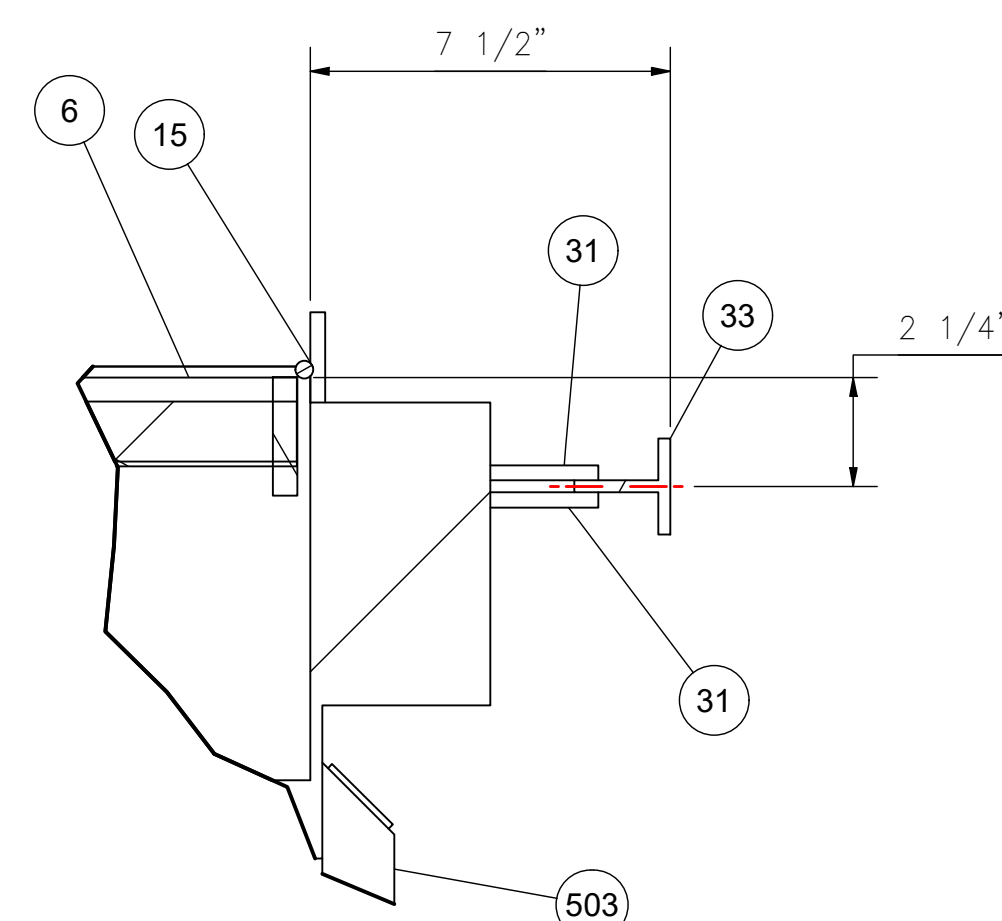
VIEW E-E  
SCALE 1/4" = 1'-0"



VIEW F-F  
SCALE 1/4" = 1'-0"



DETAIL G  
SCALE 3" = 1'-0"  
T-RAIL AT INT'S



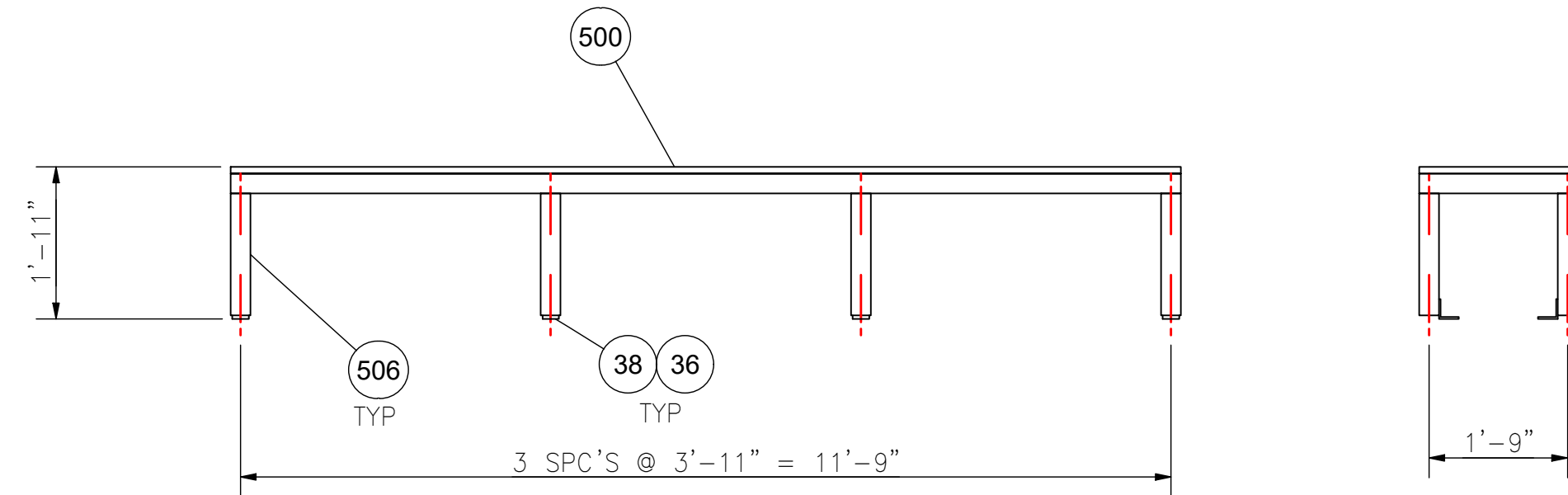
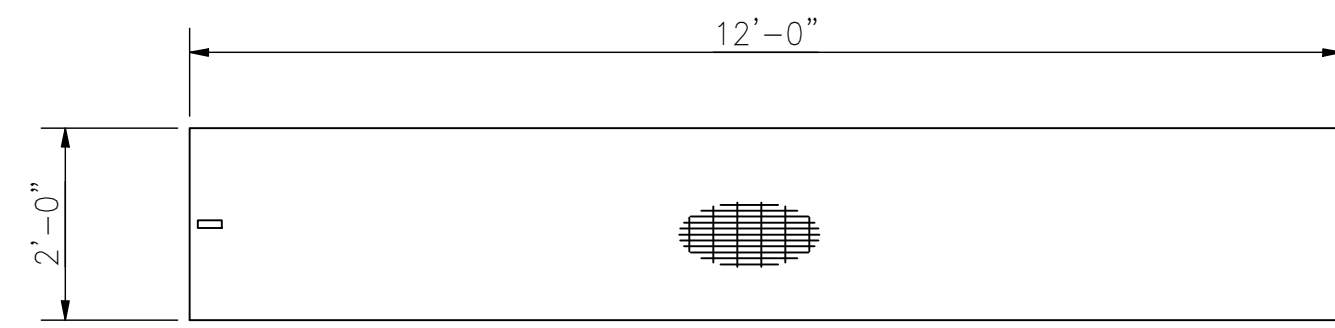
DETAIL H  
SCALE 3" = 1'-0"  
T-RAIL AT TAIL

**SUBMITTAL REVIEW**

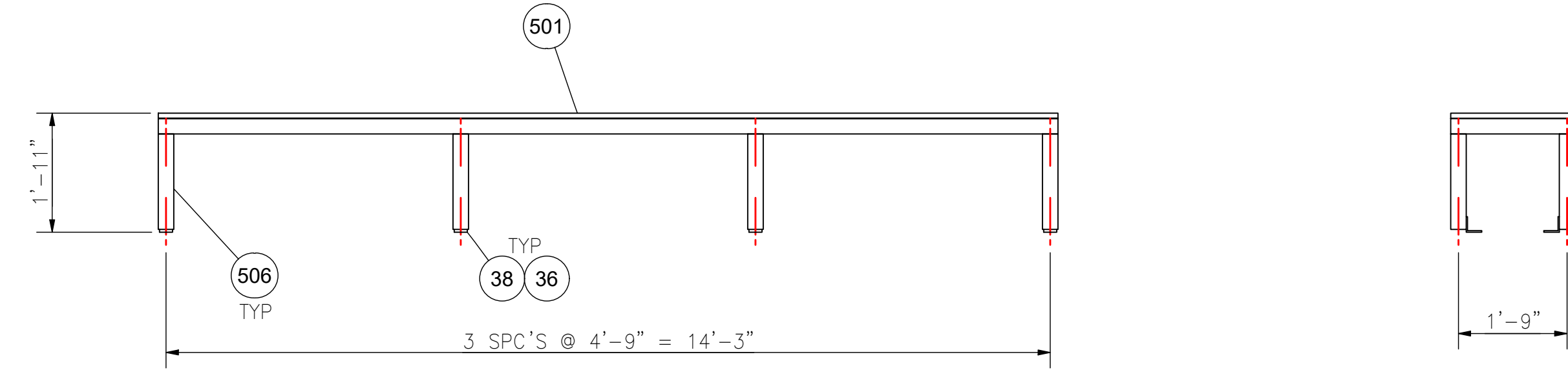
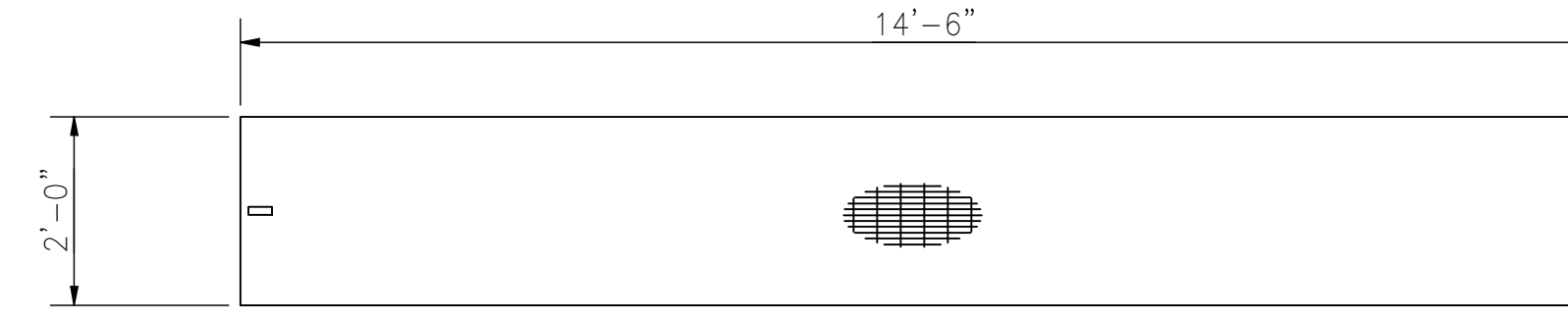
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APPROVALS	DATE	TITLE	
MODEL	A COLPO	SECTION VIEWS	
DRAWN	D SONNER	M1RO-1	
CHECKED	T SLONECKER	UPS - ST. CATHERINE'S, ON, CA	
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-550	5 OF 6
			REV 0



**PLATFORM 500 DETAIL**  
SCALE 1/2" = 1'-0"



**PLATFORM 501 DETAIL**  
SCALE 1/2" = 1'-0"

**SUBMITTAL REVIEW**

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APPROVALS	DATE	TITLE	
MODEL	A COLPO	06/05/24	<b>PLATFORM DETAILS</b> <b>M1RO-1</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	D SONNER	06/21/24	
CHECKED	T SLONECKER	06/21/24	
ENGR			
MCP NUMBER			
SCALE AS SHOWN	SIZE D	DWG NO LP0003524M-550	SHEET 6 OF 6 REV 0

ITEM	ERP NUMBER	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
1	100680378	551-001	1	DRIVE, 12C CS UPS, 0 deg, LH, 60" WD	7'-0"	61.5" CW	DRI-12C CS		
2	100009757	551-002	10	INTERMEDIATE, 10 GA, NO ROLLERS, 3 1/2" DP.	12'-0"	61 1/2" CW	INT-06		LL-01-M1RO-2
3	100764846	551-003	2	TAIL, 8 5/8" PULLEY, 10" DP.	2'-6"	61 1/2" CW	TAI-02	9-3016-3001-7GA-60	LL-01-M1RO-2
4	100535437	551-004	1	TRANSFER PLATE, SEGMENTED, TGB-7/178-3/4-60/1524	0'-7"	61 1/2" CW	TRA-18S	56123	
5	100507028	551-005	12	TRACKING ROD, 3/8" DIA HRS	20'-0"				
6	100584754	551-006	2	GUARD, INGRESS	10"	61 1/2" CW	GUA-19	3-9900-3762-60	
7	100647289	551-007	74	T-RAIL, ANGLE CLIP, 2" x 2.5" x 1/4"	0'-3"	2.5			
8	100653274	551-008	4	T-RAIL, ANGLE CLIP, 3" x 4" x 1/4"	0'-3"	4			
9	100653275	551-009	8	T-RAIL, ANGLE CLIP, 3" x 5" x 1/4"	0'-2 1/2"	5			
10	100653276	551-010	12	T-RAIL, ANGLE CLIP, 3.5" x 6" x 5/16"	0'-3"	6			SS10
11	100647291	551-011	4	TRL, END CAP, 2, 2, NA, 0.25					SS17
12	100647290	551-012	14	T-RAIL, 2" x 2" x 1/4"	20'-0"	2			SS03
13	100033444	551-013	4	TOE PLATE, 0'-1/8" x 0'-4" x 20'-0", SS02	20'-0"	0'-1/8"	PLT-1001		NO GEOM
14	100033035	551-014	2	INTERMEDIATE REINFORCING ANGLE 1" X 1" X 1/4" x 5'-1 1/8" LG, NOT PAINTED		61 1/2" CW			NO GEOM
15	100748850	551-015	46	ANCHOR BOLT, NON-SEISMIC CS WEDGE HILTI KWIKBOLT KB1	5 1/2"	1/2" DIA		2139993	NO GEOM
16	100033300	551-016	42	SUPPORT, ANGLE CLIP L3x3x.25 WITH HOLE	2 1/2"		SUP-01	3-9900-1162	
17	100033303	551-017	4	SUPPORT, ANGLE CLIP L5x3x.25 WITH HOLE	2 1/2"		SUP-01	3-9900-1171	
18	100831696	551-018	1	BELT HARDWARE, LACING, 0.065	123 in	0.054		3HT-WIDE, 05362	LL-01-M1RO-2 [123 in]
19	100831698	551-019	1	BELT HARDWARE, PIN, DURALINK 0.093	61.5 in	0.093		DL093x25FT-W/5FT, 05019	LL-01-M1RO-2 [61.5 in]
20	100608147	551-020	1	BELT, RPH3-200 BXB-FR, 59.5 BW	240 ft	59.5 BW	-	RPH3-200 BXB-FR	LL-01-M1RO-2 [240 ft]
21		551-021	1	SUMI-CS, 55 FPM, 7.5 HP, 575V, 60HZ					

ITEM	ERP NUMBER	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
500	100011474	551-500	2	PLATFORM, 3 x 1.5 x 11GA, w/ 19W4 1 x 3/16, BRG BAR PARALLEL TO LENGTH	11'-6"	2'-0"	PLA-09	4-9900-3326	
501	100657067	551-501	2	STAIR, EL. 1'-11", HANDRAIL 0001		3'-0"	STAIR	4-9612-1023-0001	
502	100271492	551-502	4	STEEL, RECT. TUBE, 3" x 1 1/2" x 11GA	1'-9 1/2"	1 1/2"			SS10
503	100285930	551-503	18	STEEL, RECT. TUBE, 3" x 1 1/2" x 11GA	2'-1 7/8"	1 1/2"			SS17
504	100304910	551-504	16	STEEL, SQ. TUBE, 3" x 3" x 11GA	1'-6 1/2"	3"			SS03

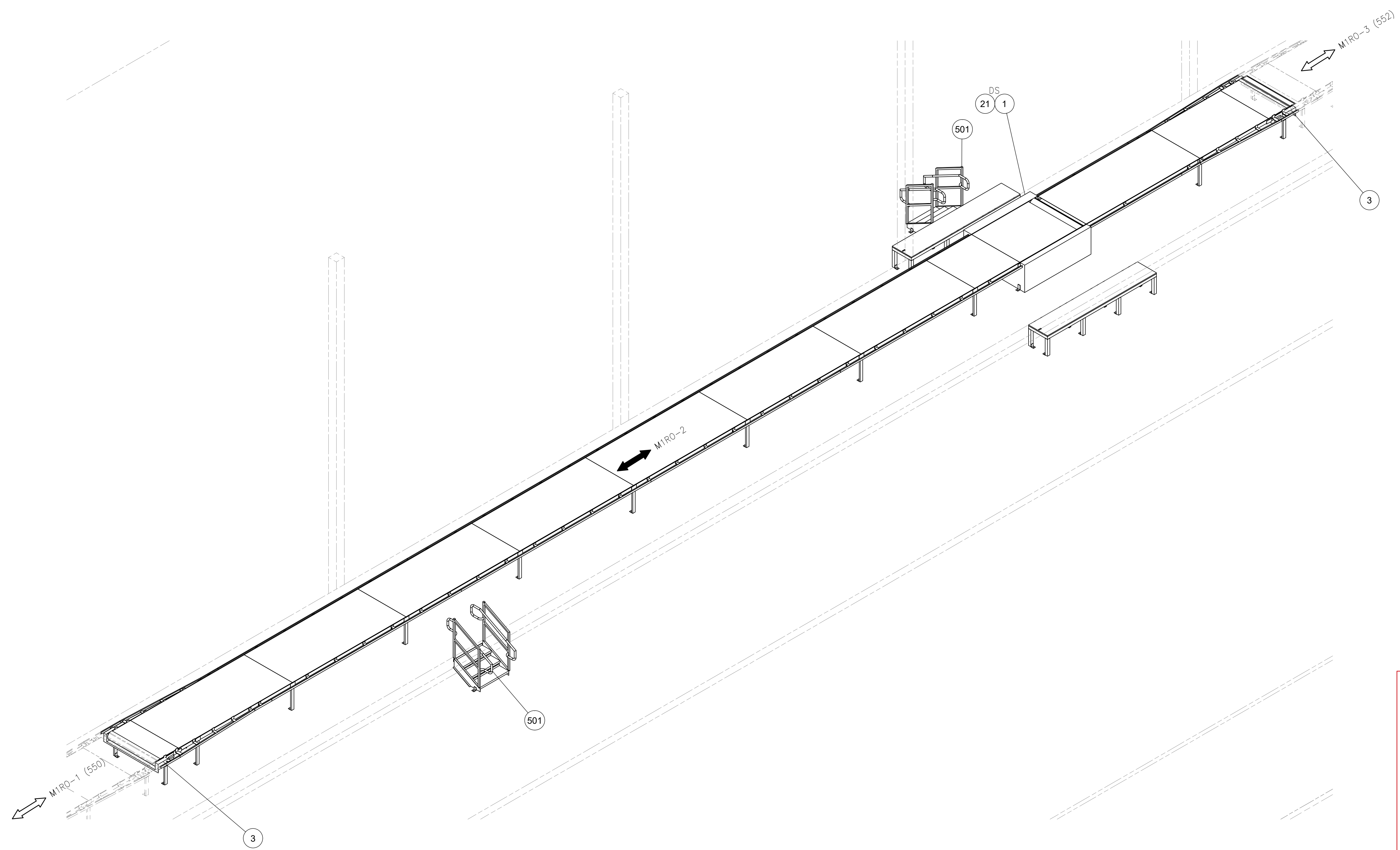
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APPROVALS	DATE	TITLE	
MODEL	A COLPO	06/05/24	<b>B.O.M.</b> <b>M1RO-2</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	D SONNER	06/20/24	
CHECKED	T SLONECKER	06/26/24	
ENGR			
MCP NUMBER			
SCALE	AS SHOWN	SIZE <b>D</b>	DWG NO LP0003524M-551
		SHEET 1 OF 6	REV <b>0</b>



ISOMETRIC VIEW  
 SCALE 1/4" = 1'-0"  
 M1RO-2

**SUBMITTAL REVIEW**

APPROVED (A)

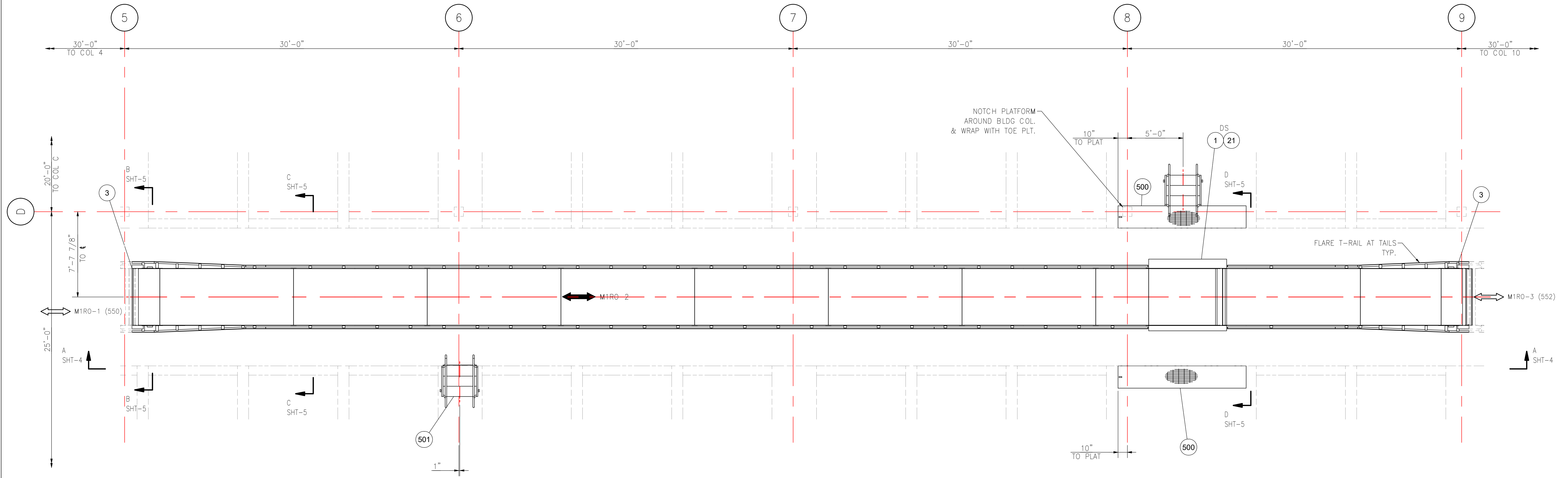
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APPROVALS	DATE	TITLE	
MODEL	A COLPO	06/05/24	<b>ISOMETRIC VIEW</b> <b>M1RO-2</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	D SONNER	06/20/24	
CHECKED	T SLONECKER	06/26/24	
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-551	2 OF 6
			REV 0



PLAN VIEW  
 SCALE 1/4" = 1'-0"  
 M1RO-2  
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  - SEE SHEET 1 FOR BILL OF MATERIALS.
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  - CABLE RAIL REQUIREMENTS ARE AS FOLLOWS: MAXIMUM SPACING OF POSTS NOT TO EXCEED 8'-0" CTR TO CTR FOR ALL CONVEYORS 4'-0" ABOVE FINISHED FLOOR. MAXIMUM SPACING OF POSTS NOT TO EXCEED 6'-0" CTR TO CTR FOR ALL DOUBLE STACK CONVEYORS. CABLE RAIL IS REQUIRED ON BOTH SIDES OF CONVEYOR UNLESS NOTED OTHERWISE. REFERENCE RAI-01 SPEC SHT. 1 FOR INTERMEDIATES AND SHT. 2 FOR SLI-13.
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- LACING NOTES: (UPS)**
- SEE UPS BSC-01 FOR BELT LACE AND PIN TYPE.  
 USE 7 DEGREE BIAS CUT FOR ALL BELTS OVER 200 FPM.  
 USE DURA LINK PIN FOR ALL BELTS OVER 200 FPM

CONV NAME	WIDTH	O.A.L. LENGTH	BELT TYPE	FPM	HP
M1RO-2	60"	120'-0"	RPH3-200 BXB-FR	55	7.5

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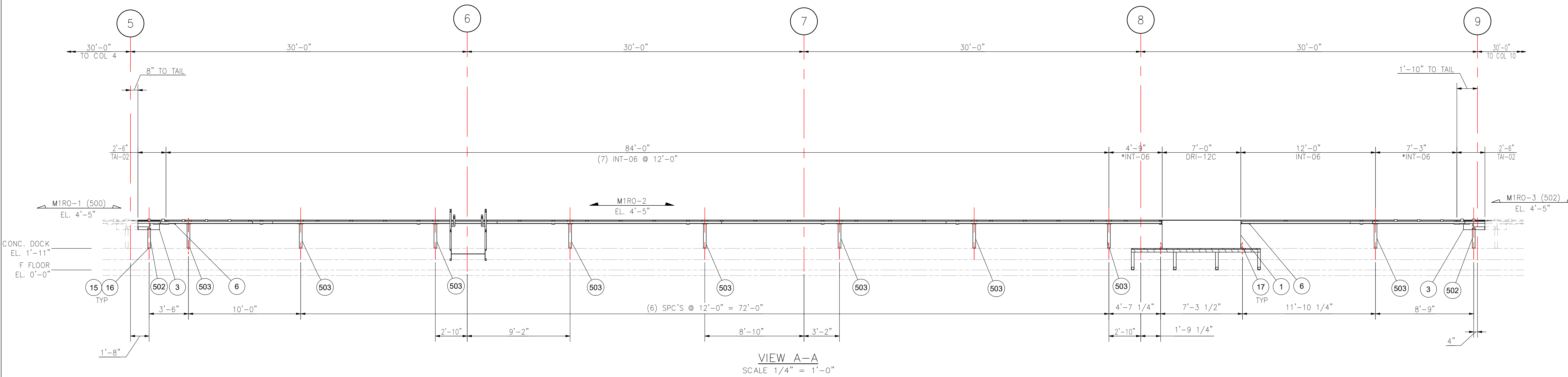
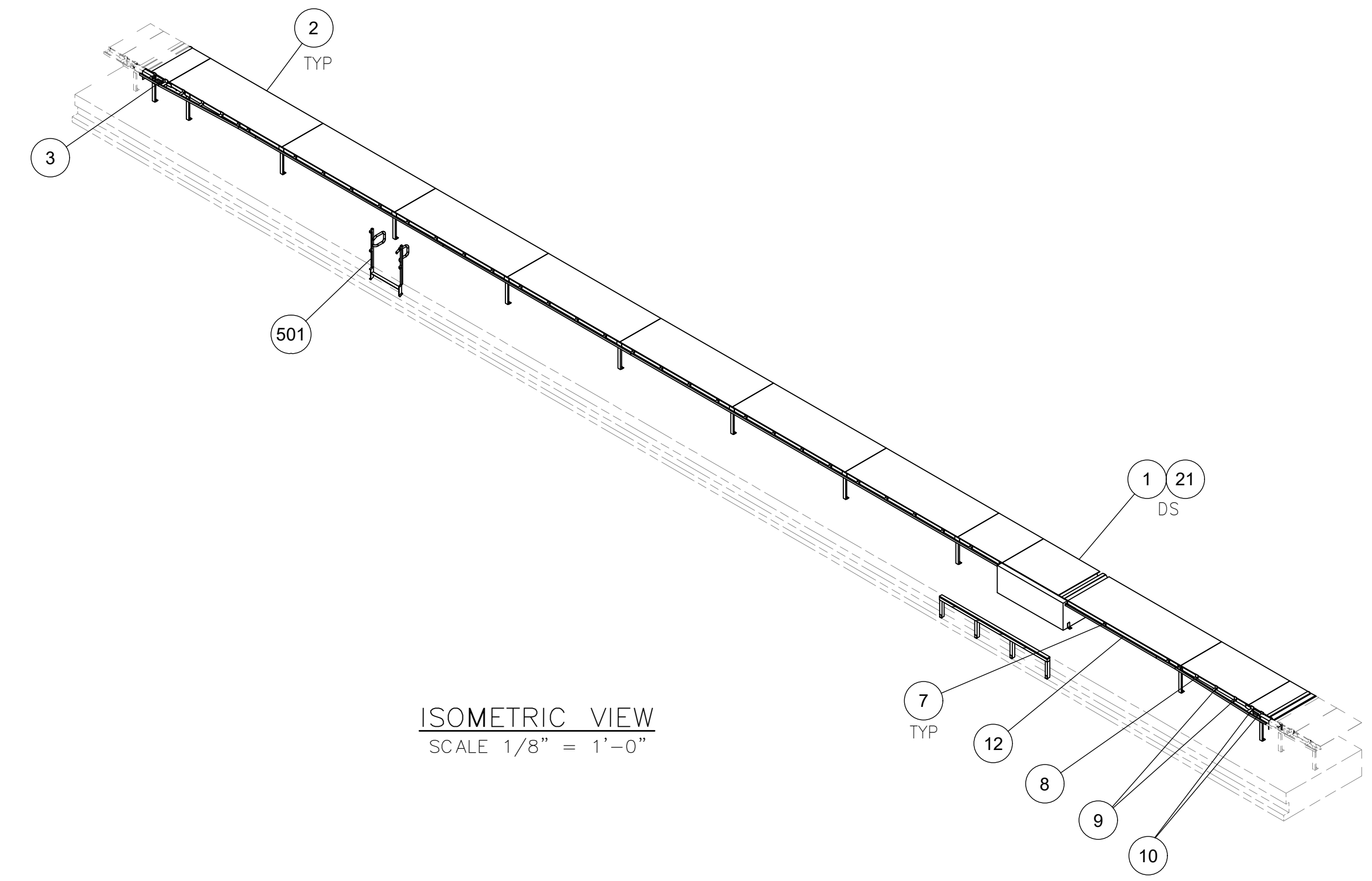
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APPROVALS		DATE	TITLE		
MODEL	A COLPO	06/05/24	<b>PLAN VIEW</b> <b>M1RO-2</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>		
DRAWN	D SONNER	06/20/24			
CHECKED	T SLONECKER	06/26/24			
ENGR					
MCP NUMBER		SIZE	DWG NO		
SCALE AS SHOWN		D	LP0003524M-551		
			SHEET		REV
			3 OF 6		0



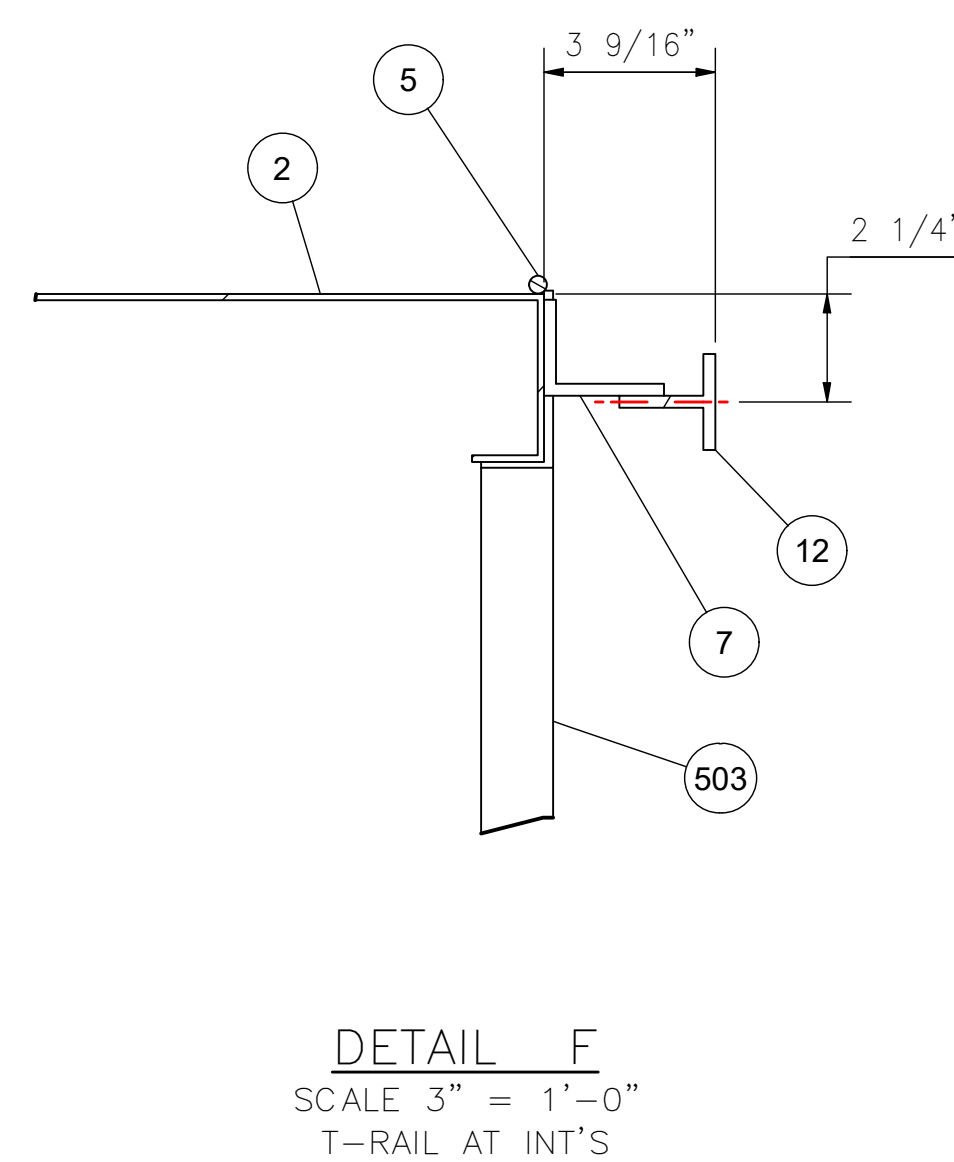
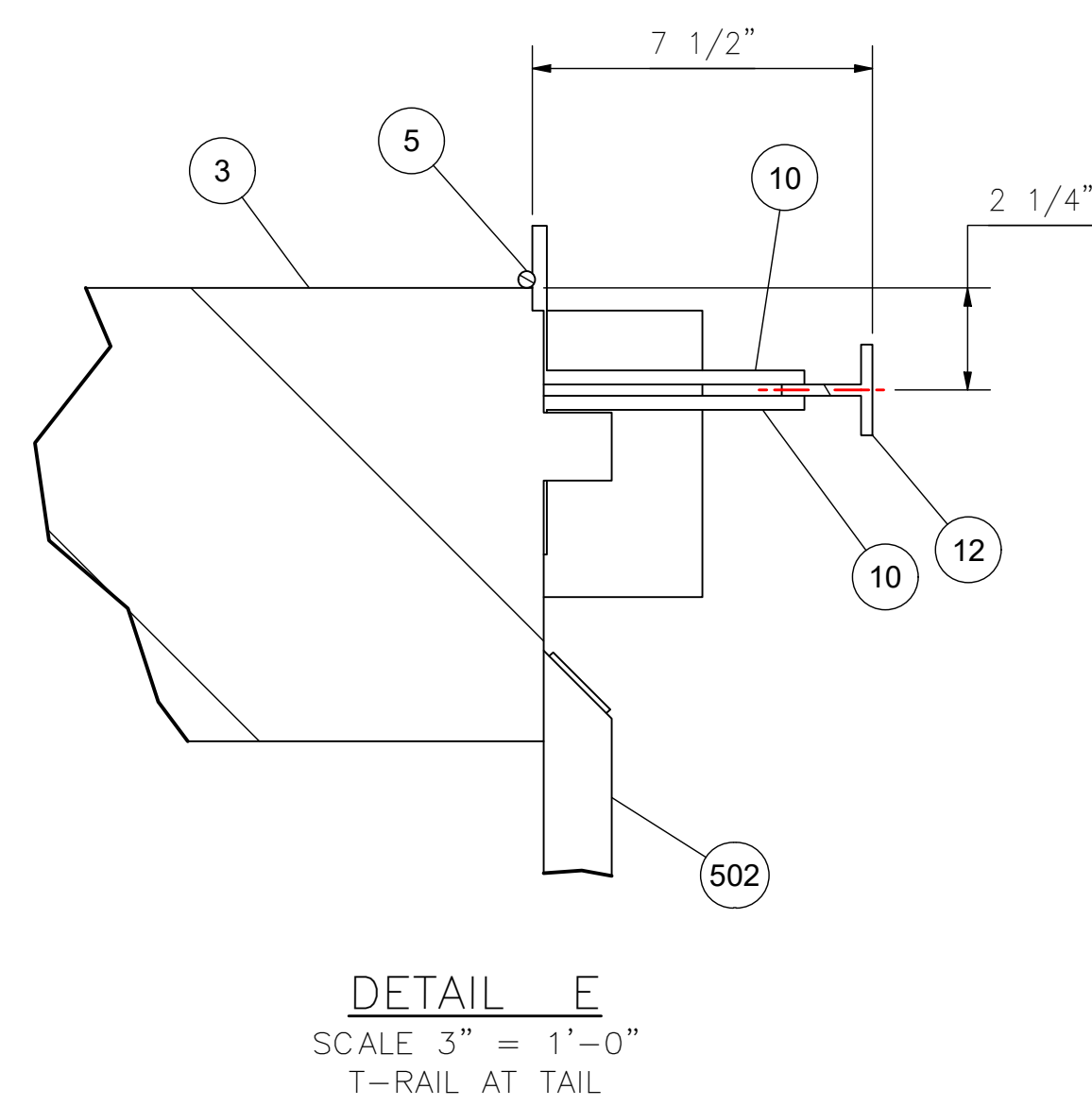
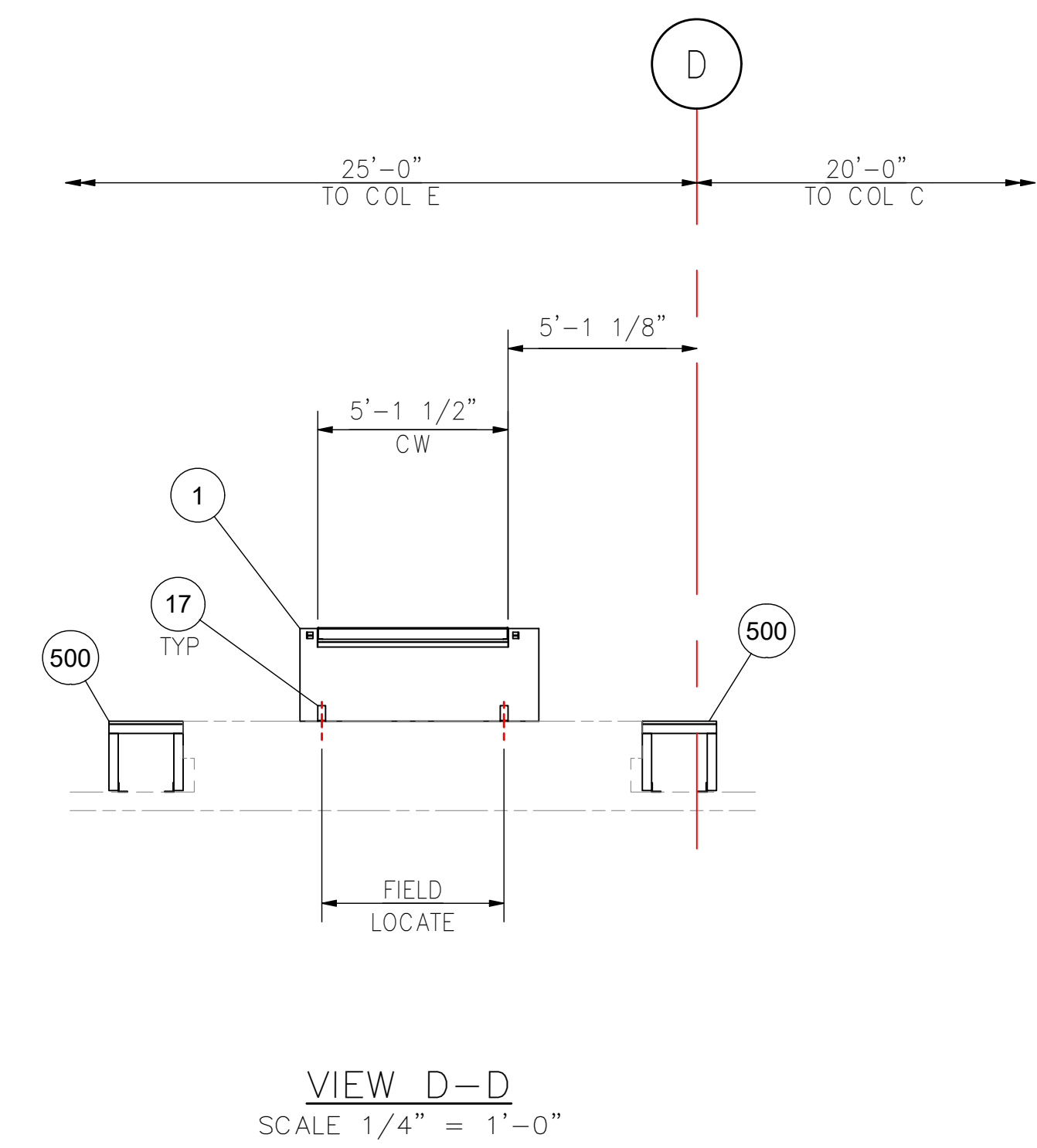
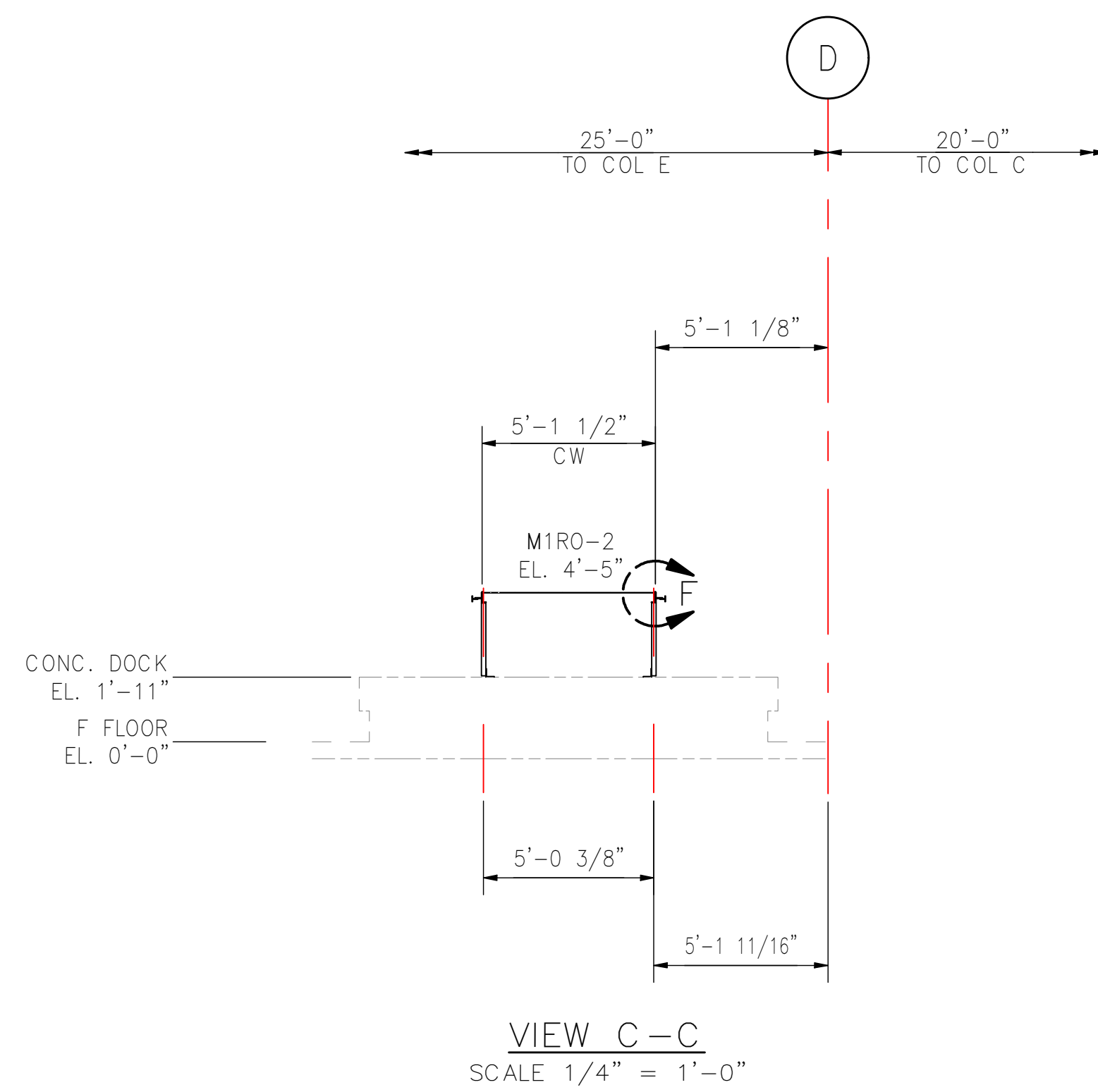
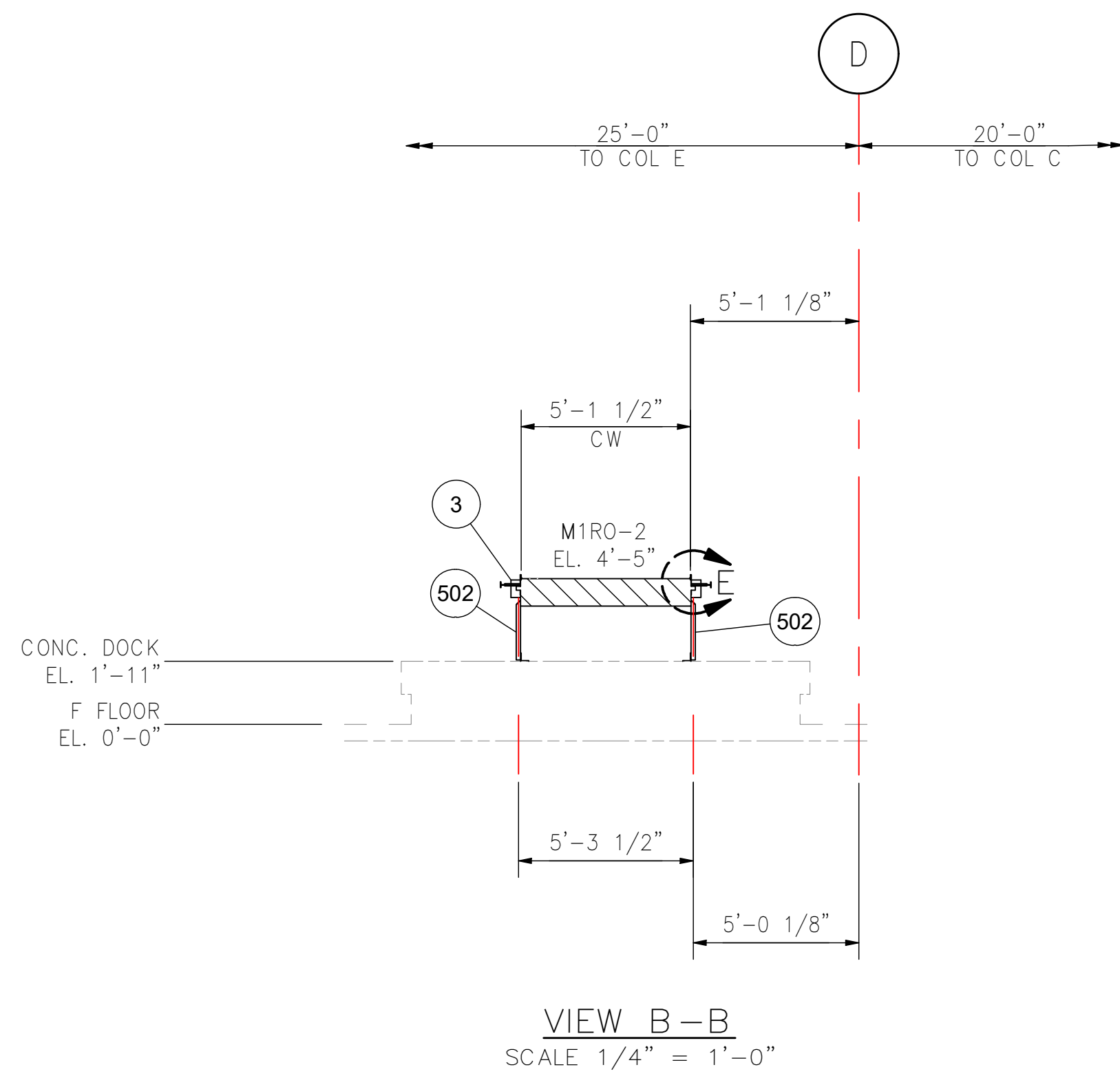


**SUBMITTAL REVIEW**

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APPROVALS		DATE	TITLE
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ENGR			
MCP NUMBER		SIZE	DWG NO
SCALE AS SHOWN		D	LP0003524M-551
<b>ELEVATION VIEW</b> <b>M1RO-2</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>			SHEET 4 OF 6 REV <b>0</b>

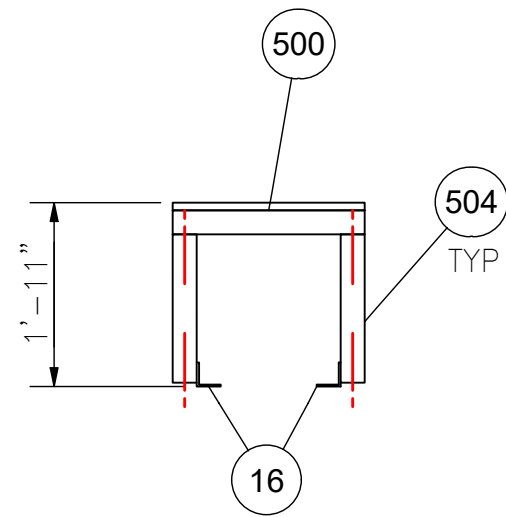
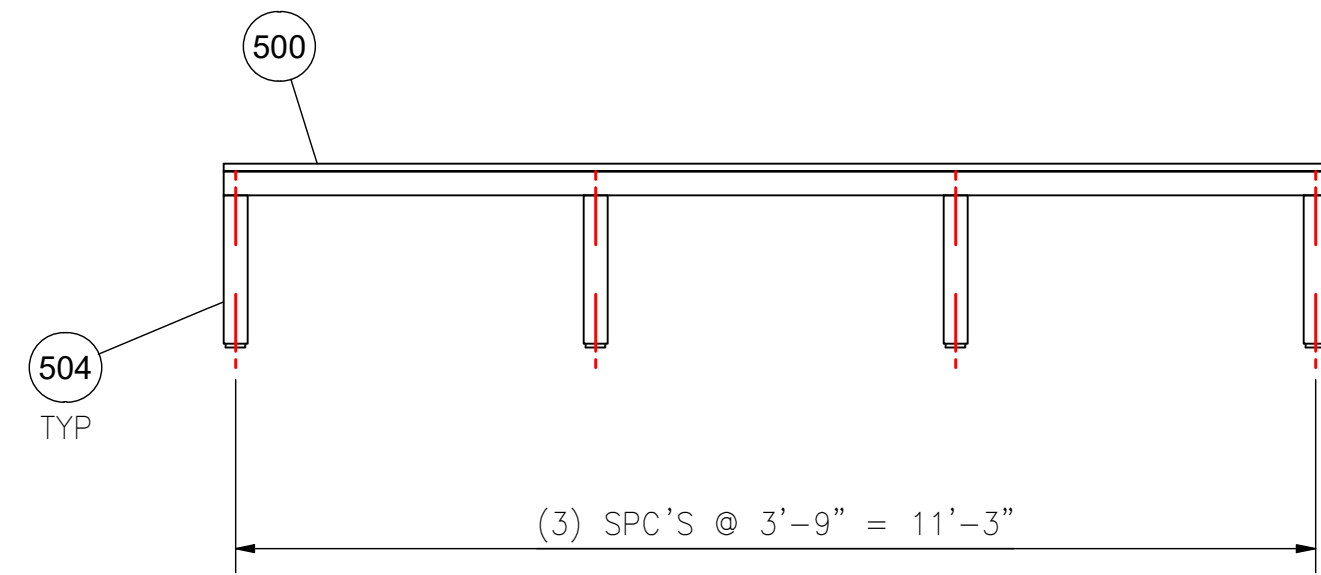
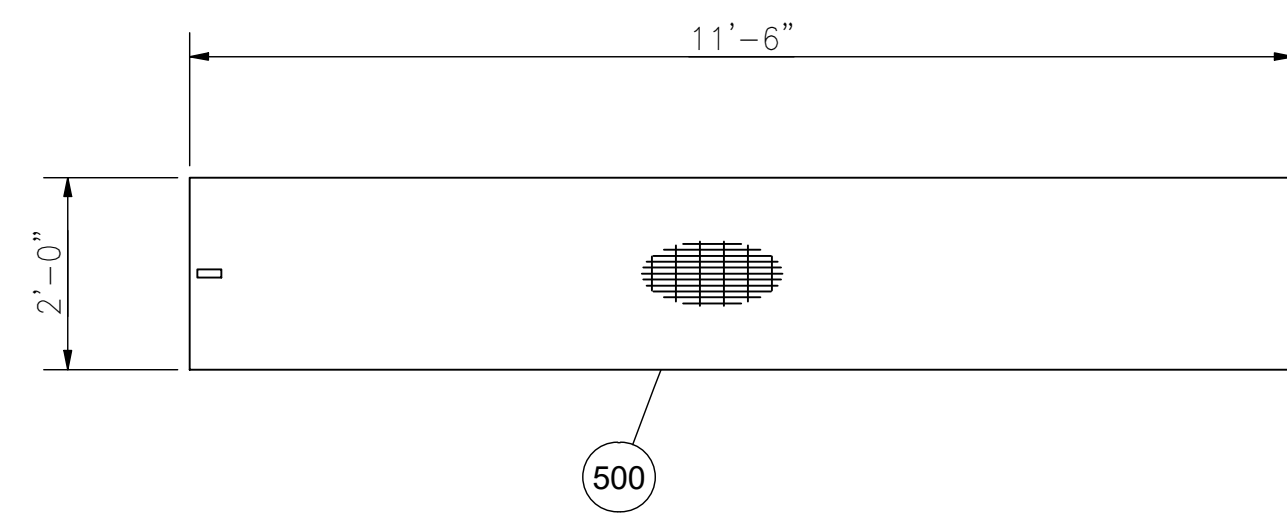


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APPROVALS		DATE	TITLE
MODEL	A COLPO	06/05/24	<b>SECTION VIEWS</b> <b>M1RO-2</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>
DRAWN	D SONNER	06/20/24	
CHECKED	T SLONECKER	06/26/24	
ENGR			
MCP NUMBER			
SCALE AS SHOWN	SIZE D	DWG NO LP0003524M-551	SHEET 5 OF 6 REV 0



**PLATFORM 500 DETAIL**  
SCALE 1/2" = 1'-0"

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ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-551	6 OF 6
			REV 0

ITEM	ERP NUMBER	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
1	100680378	552-001	1	DRIVE, 12ER CS UPS, 0 deg, LH, 60" WD	7'-0"	61.5" CW	DRI-12ER CS		
2	100009757	552-002	8	INTERMEDIATE, 10 GA, NO ROLLERS, 3 1/2" DP.	12'-0"	61 1/2" CW	INT-06		LL-01-M1RO-3
3	100764846	552-003	1	TAIL, 8 5/8" PULLEY, 10" DP.	2'-6"	61 1/2" CW	TAI-02	9-3016-3001-7GA-60	LL-01-M1RO-3
4	100660385	552-004	1	DUAL_LN, GRV, H.BONE[N], STD_SPEC, 60" OAW, 58" BF, 3" CTRS, LEN[96"], EL_IN[NA], EL_OUT[NA], DP[NA], ANG_STP[NA], 10" SID_PN[0], 24" SID_PN[0], 10" WDG_30_DEG[QTY 0], 10" WDG_30_DEG[QTY 0], 10" TO 24" WDG_30_DEG[LS, QTY 0], 10" TO 24" WDG_30_DEG[RS, QTY 0], SUP[QTY 0]	8'-0"	5'-0"	ROL-16		LL-01-M1RO-4
5	100535429	552-005	1	TRANSFER PLATE, SEGMENTED, TGB-4/102-2/2-60/1524	0'-4"	61 1/2" CW	TRA-18S	56103	
6	100507028	552-006	10	TRACKING ROD, 3/8" DIA HRS	20'-0"				
7	100664219	552-007	1	END STOP, STO-02 UPS, 1'-0" H, 3 1/2" DP.		63 3/4"	STO-02		
8	100584754	552-008	1	GUARD, INGRESS	10"	61 1/2" CW	GUA-19	3-9900-3762-60	
9	100647289	552-009	66	T-RAIL, ANGLE CLIP, 2" x 2.5" x 1/4"	0'-3"	2.5			
10	100653274	552-010	2	T-RAIL, ANGLE CLIP, 3" x 4" x 1/4"	0'-3"	4			
11	100653275	552-011	4	T-RAIL, ANGLE CLIP, 3" x 5" x 1/4"	0'-2 1/2"	5			
12	100653276	552-012	6	T-RAIL, ANGLE CLIP, 3.5" x 6" x 5/16"	0'-3"	6			
13	100647291	552-013	2	TRL, END CAP, 2, 2, NA, 0.25		2			
14	100647290	552-014	12	T-RAIL, 2" x 2" x 1/4"	20'-0"				
15	100033444	552-015	4	TOE PLATE, 0'-1/8" x 0'-4" x 20'-0", SS02	20'-0"	0'-1/8"	PLT-1001		NO GEOM
16	100033035	552-016	1	INTERMEDIATE REINFORCING ANGLE 1" X 1" X 1/4" x 5'-1 1/8" LG, NOT PAINTED		61 1/2" CW			NO GEOM
17	100748850	552-017	48	ANCHOR BOLT, NON-SEISMIC CS WEDGE HILTI KWIKBOLT KB1	5 1/2"	1/2" DIA		2139993	NO GEOM
18	100033300	552-018	44	SUPPORT, ANGLE CLIP L3x3x.25 WITH HOLE	2 1/2"		SUP-01	3-9900-1162	
19	100033303	552-019	4	SUPPORT, ANGLE CLIP L5x3x.25 WITH HOLE	2 1/2"		SUP-01	3-9900-1171	
20	100831696	552-020	1	BELT HARDWARE, LACING, 0.065	123 in	0.054		3HT-WIDE, 05362	LL-01-M1RO-3[123 in]
21	100831698	552-021	1	BELT HARDWARE, PIN, DURALINK 0.093	61.5 in	0.093		DL093x25FT-W/5FT, 05019	LL-01-M1RO-3[61.5 in]
22	100608147	552-022	1	BELT, RPH3-200 BXB-FR, 59.5 BW	200 ft	59.5 BW	-	RPH3-200 BXB-FR	LL-01-M1RO-3[200 ft]
23		552-023	1	SUMI-CS, 55 FPM, 5 HP, 575V, 60 HZ.					

ITEM	ERP NUMBER	PART NO.	QTY	DESCRIPTION	LENGTH	WIDTH	CUST. REF NO.	REF NO.	CUT CODE
500	100011495	552-500	2	PLATFORM, 3 x 1.5 x 11GA, w/ 19W4 1 x 3/16, BRG BAR PARALLEL TO LENGTH	16'-0"	2'-0"	PLA-09	4-9900-3335	
501	100657067	552-501	3	STAIR, EL. 1'-11", HANDRAIL 0001		3'-0"	STAIR	4-9612-1023-0001	
502	100271492	552-502	2	STEEL, RECT. TUBE, 3" x 1 1/2" x 11GA	1'-9 1/2"	1 1/2"			SS10
503	100285930	552-503	16	STEEL, RECT. TUBE, 3" x 1 1/2" x 11GA	2'-1 7/8"	1 1/2"			SS17
504	100304910	552-504	16	STEEL, SQ. TUBE, 3" x 3" x 11GA	1'-6 1/2"	3"			SS03
505	100306389	552-505	4	STEEL, SQ. TUBE, 3" x 3" x 11GA	2'-1 1/2"	3"			SS03

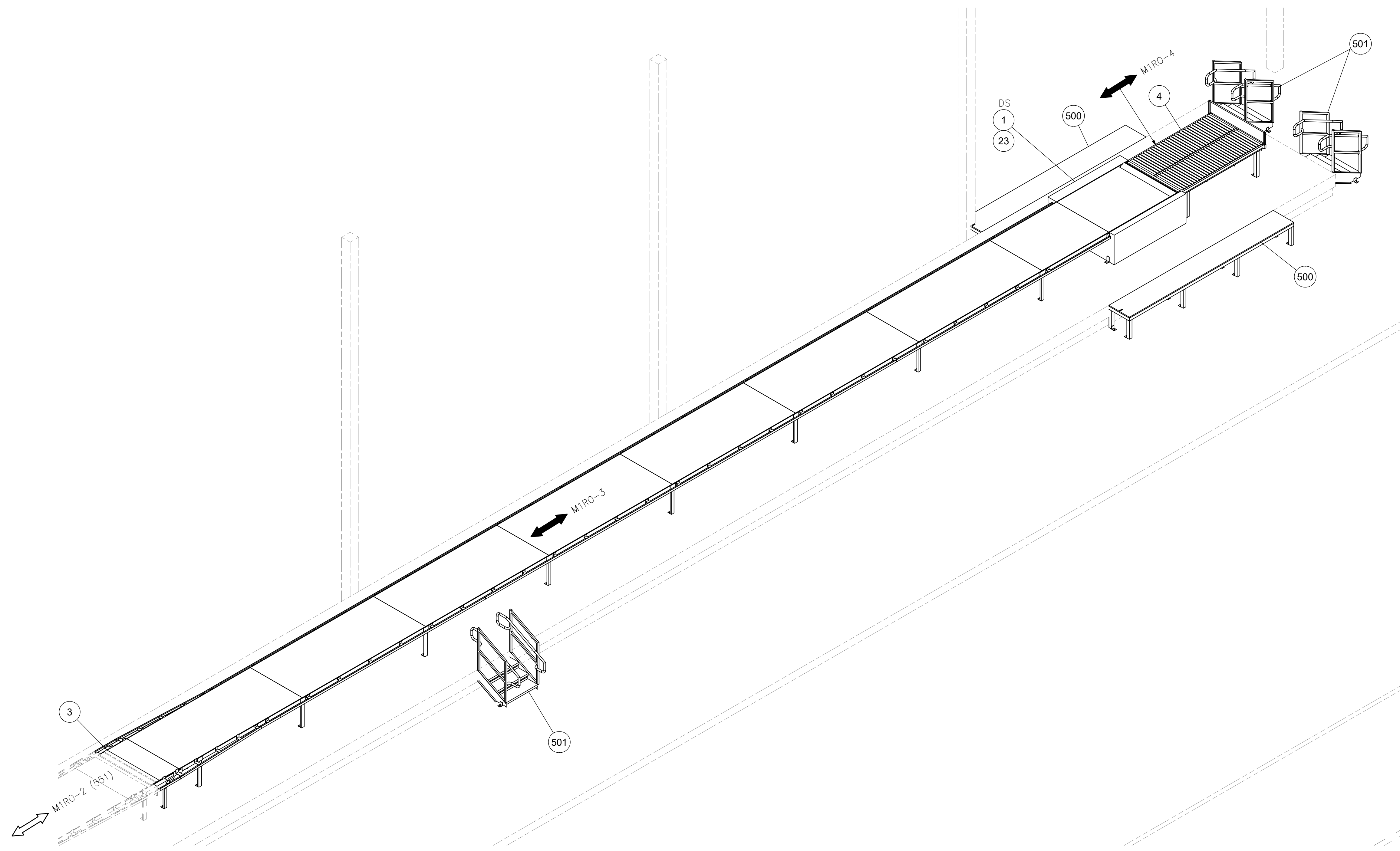
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APPROVALS	DATE	TITLE	
MODEL A COLPO	06/05/24	<b>B.O.M.</b> <b>M1RO-3 &amp; M1RO-4</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>	
DRAWN D SONNER	06/20/24		
CHECKED T SLONECKER	06/26/24		
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-552	1 OF 6
			REV
			0



ISOMETRIC VIEW  
 SCALE 1/4" = 1'-0"  
 M1RO-3 & 4

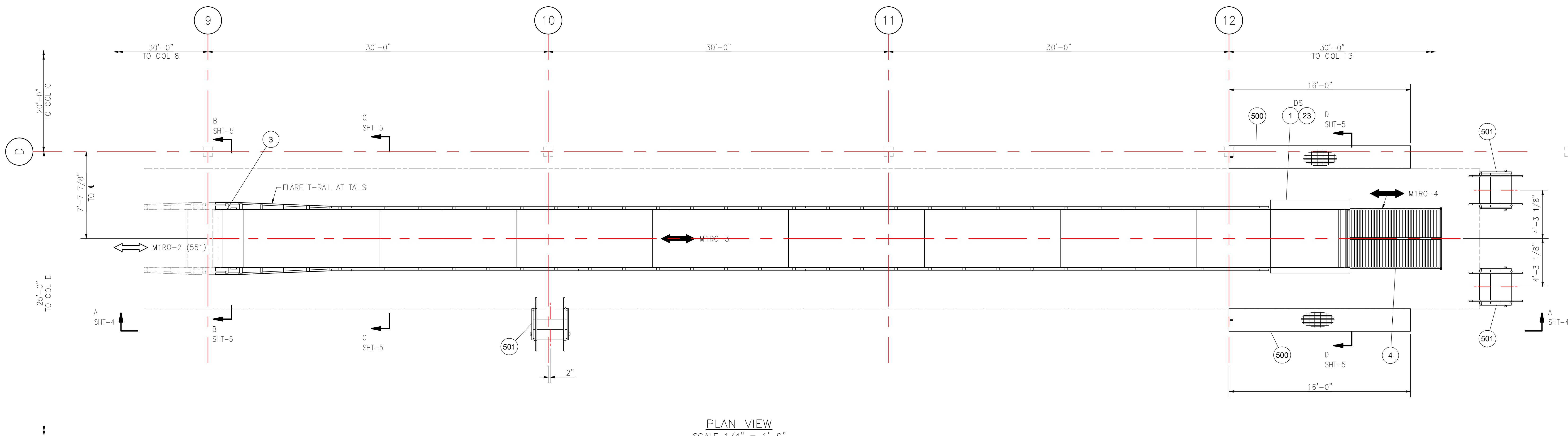
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APPROVALS	DATE	TITLE	
MODEL	A COLPO	ISOMETRIC VIEW	
DRAWN	D SONNER	M1RO-3 & M1RO-4	
CHECKED	T SLONECKER	UPS - ST. CATHERINE'S, ON, CA	
ENGR			
MCP NUMBER	SIZE	DWG NO	SHEET
SCALE AS SHOWN	D	LP0003524M-552	2 OF 6
			REV 0



PLAN VIEW  
SCALE 1/4" = 1'-0"  
M1RO-3 & 4

- FIELD NOTES: (UPS)**
- ALL ELEVATIONS TAKEN FROM FINISHED FLOOR (0'-0") UNLESS OTHERWISE NOTED.
  - SUPPORT LEGS TO HAVE 1/2" ALLOWANCE OFF FLOOR WHEN USING SUPPORT CLIPS & 1" ALLOWANCE WHEN USING BASE PLATES. INSTALLER RESPONSIBLE FOR ACHIEVING PROPER ELEVATIONS.
  - \*\* DENOTES ODD LENGTH INTERMEDIATE SECTION TO BE CUT FROM STANDARD 12'-0" LG. INTERMEDIATE SECTION & FIT AFTER FINAL ASSEMBLY.
  - INSTALLER TO VERIFY ANY EXISTING CONVEYORS, PLATFORMS, SUPPORT STEEL & BUILDING CONDITIONS PRIOR TO INSTALLATION.
  - INSTALLER TO SET GUARDRAIL AND TOE PLATE ON ALL SIDES OF ALL PLATFORMS AS REQ'D PER CUSTOMER SPEC. HANDRAIL & TOE PLATE MAY OR MAY NOT BE SHOWN AT TIMES.
  - FIELD TO VERIFY DRIVE AND TAIL SUPPORTS TO ENSURE GUARD CAN OPEN WITHOUT INTERFERENCE.
  - INSTALLER TO VERIFY TUBE STEEL LENGTH BEFORE INSTALLATION AND CUT TO LENGTH AS NEEDED.
  - SEE SHEET 1 FOR BILL OF MATERIALS.
  - INGRESS GUARDS ARE REQ'D @ ENTRY OF EACH DRIVE, TAIL AND NOSEOVER OF ALL CONVEYORS.
  - CABLE RAIL REQUIREMENTS ARE AS FOLLOWS: MAXIMUM SPACING OF POSTS NOT TO EXCEED 8'-0" CTR TO CTR FOR ALL CONVEYORS 4'-0" ABOVE FINISHED FLOOR. MAXIMUM SPACING OF POSTS NOT TO EXCEED 6'-0" CTR TO CTR FOR ALL DOUBLE STACK CONVEYORS. CABLE RAIL IS REQUIRED ON BOTH SIDES OF CONVEYOR UNLESS NOTED OTHERWISE. REFERENCE RAI-01 SPEC SHT. 1 FOR INTERMEDIATES AND SHT. 2 FOR SLI-13.
  - INSTALLER TO VERIFY AND INSTALL ALL REQUIRED GUARDING.
  - GRAVITY BOLTED SUPPORTS ARE TO BE CENTERED AT SPLICE POINTS, ALIGNED TO ENDS AND CONSISTENTLY IN SIMILAR AREAS WITH MAXIMUM 6FT LENGTHWISE CENTER SPACING (EXCEPT WHERE OTHERWISE NOTED OR CLEARLY DIMENSIONED).

- LACING NOTES: (UPS)**
- SEE UPS BSC-01 FOR BELT LACE AND PIN TYPE.  
USE 7 DEGREE BIAS CUT FOR ALL BELTS OVER 200 FPM.  
USE DURA LINK PIN FOR ALL BELTS OVER 200 FPM

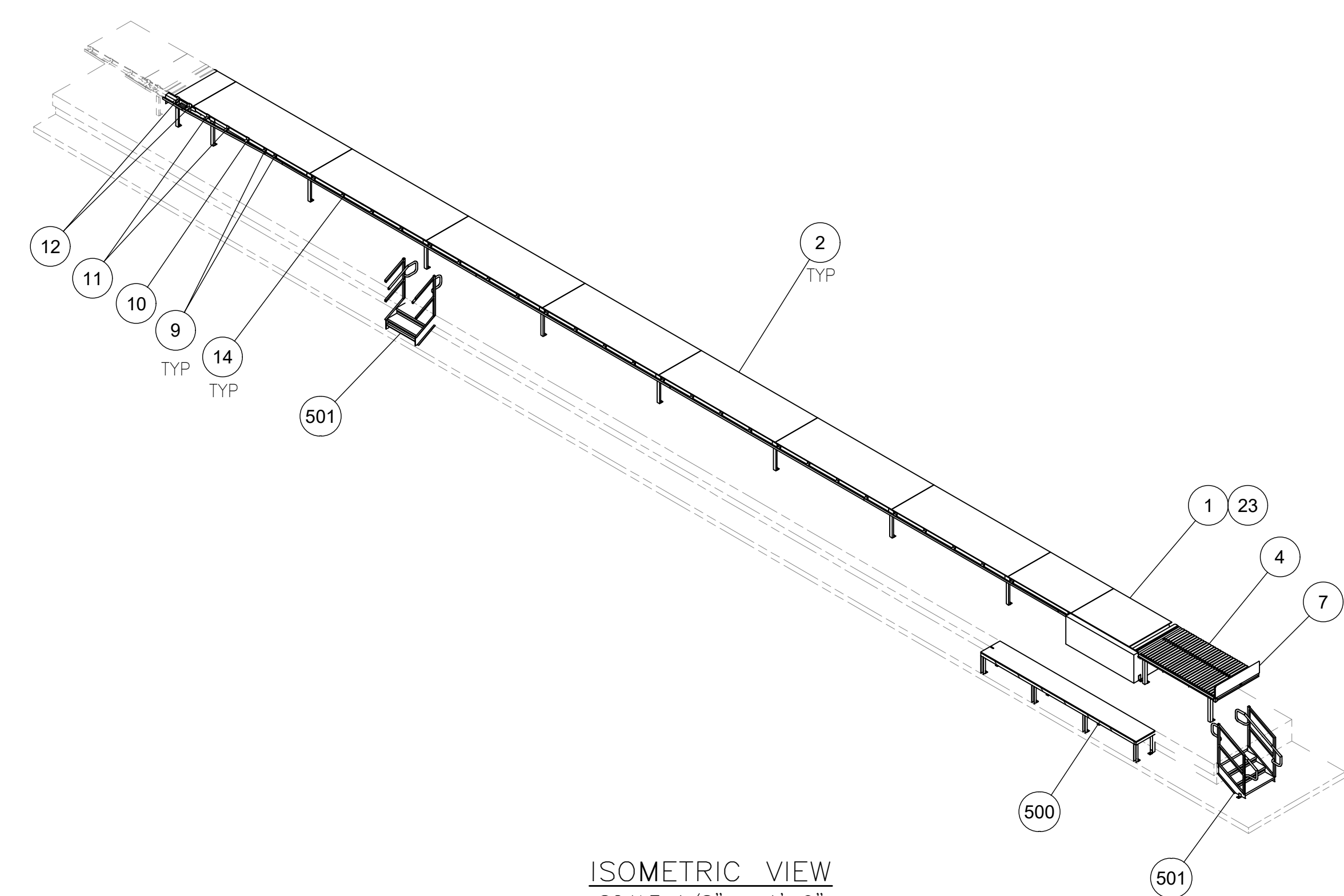
CONV NAME	WIDTH	O.A.L. LENGTH	BELT TYPE	FPM	HP
M1RO-3	60"	100'-0"	RPH3-200 BXB-FR	55	5

**SUBMITTAL REVIEW**

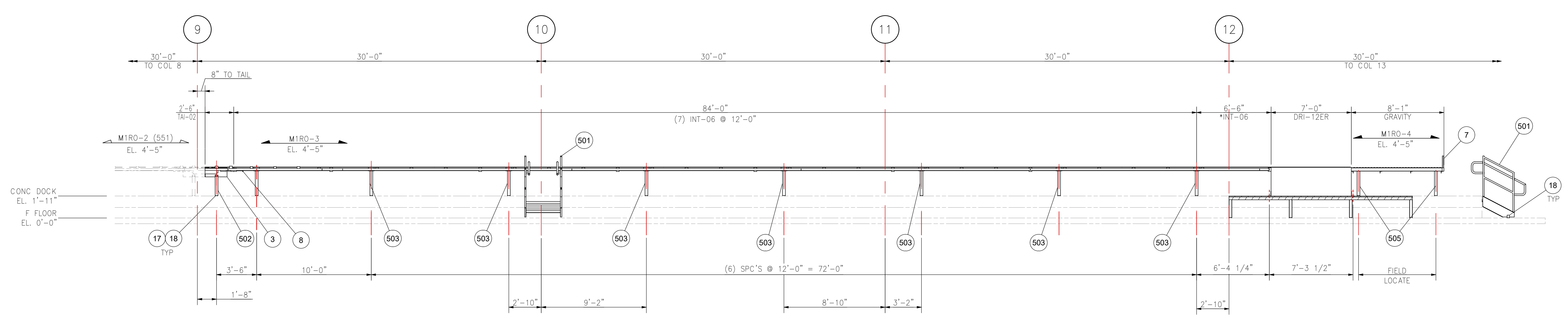
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SCALE AS SHOWN		D	
<b>PLAN VIEW</b> <b>M1RO-3 &amp; M1RO-4</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>			
DWG NO		SHEET	
LP0003524M-552		3 OF 6	
		REV	
		0	



ISOMETRIC VIEW  
SCALE 1/8" = 1'-0"



VIEW A-A  
SCALE 1/4" = 1'-0"  
M1RO-3 & 4

**SUBMITTAL REVIEW**

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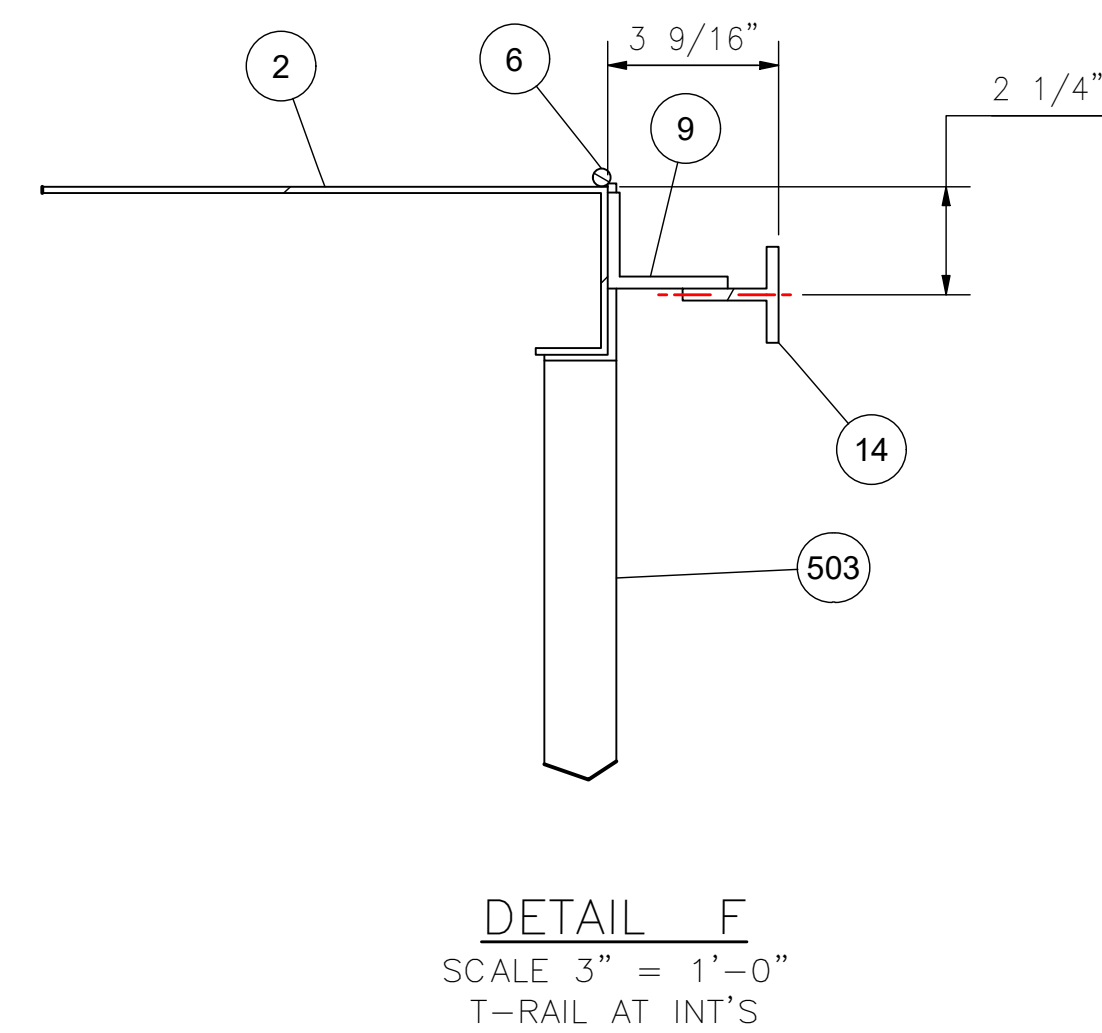
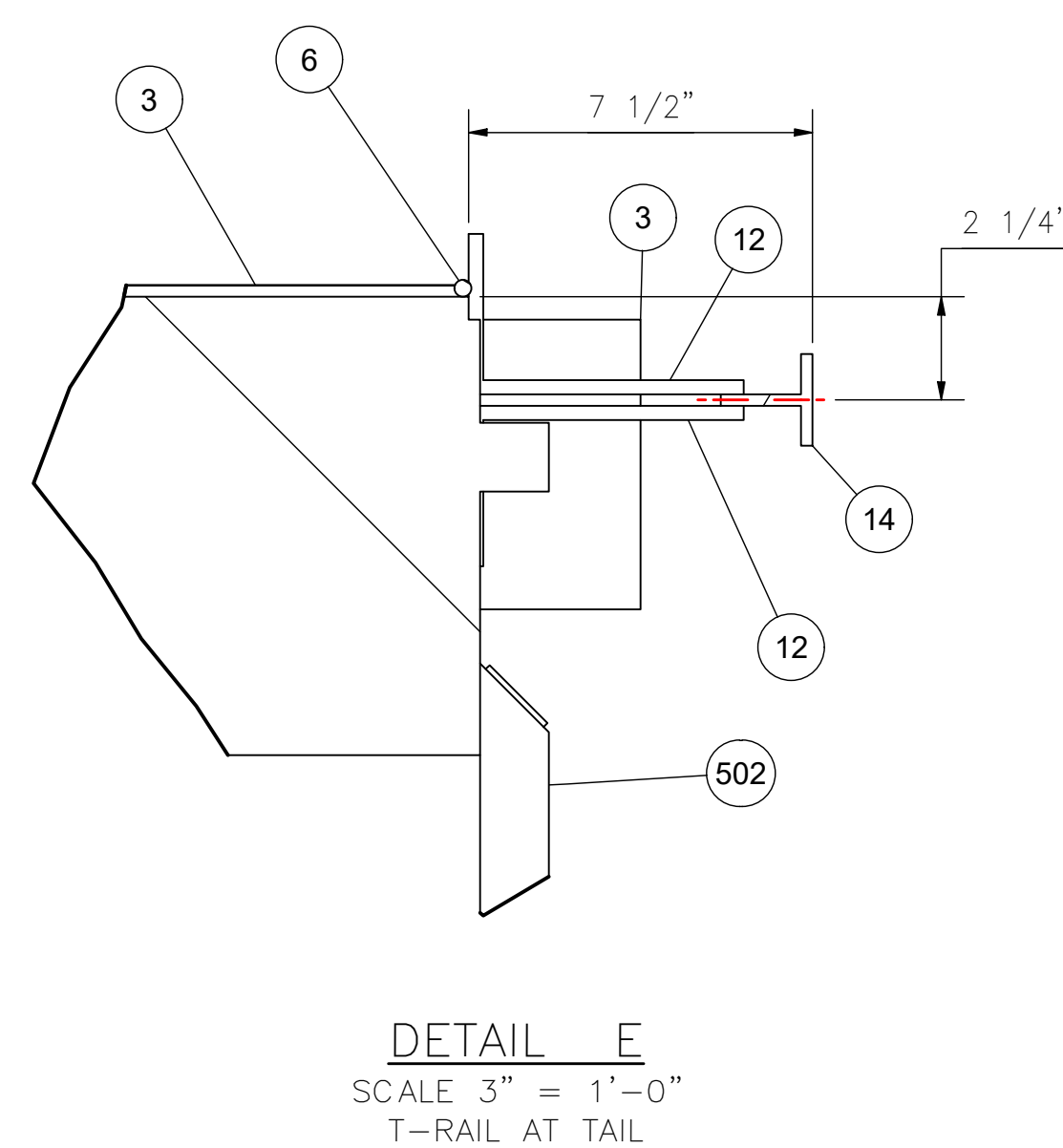
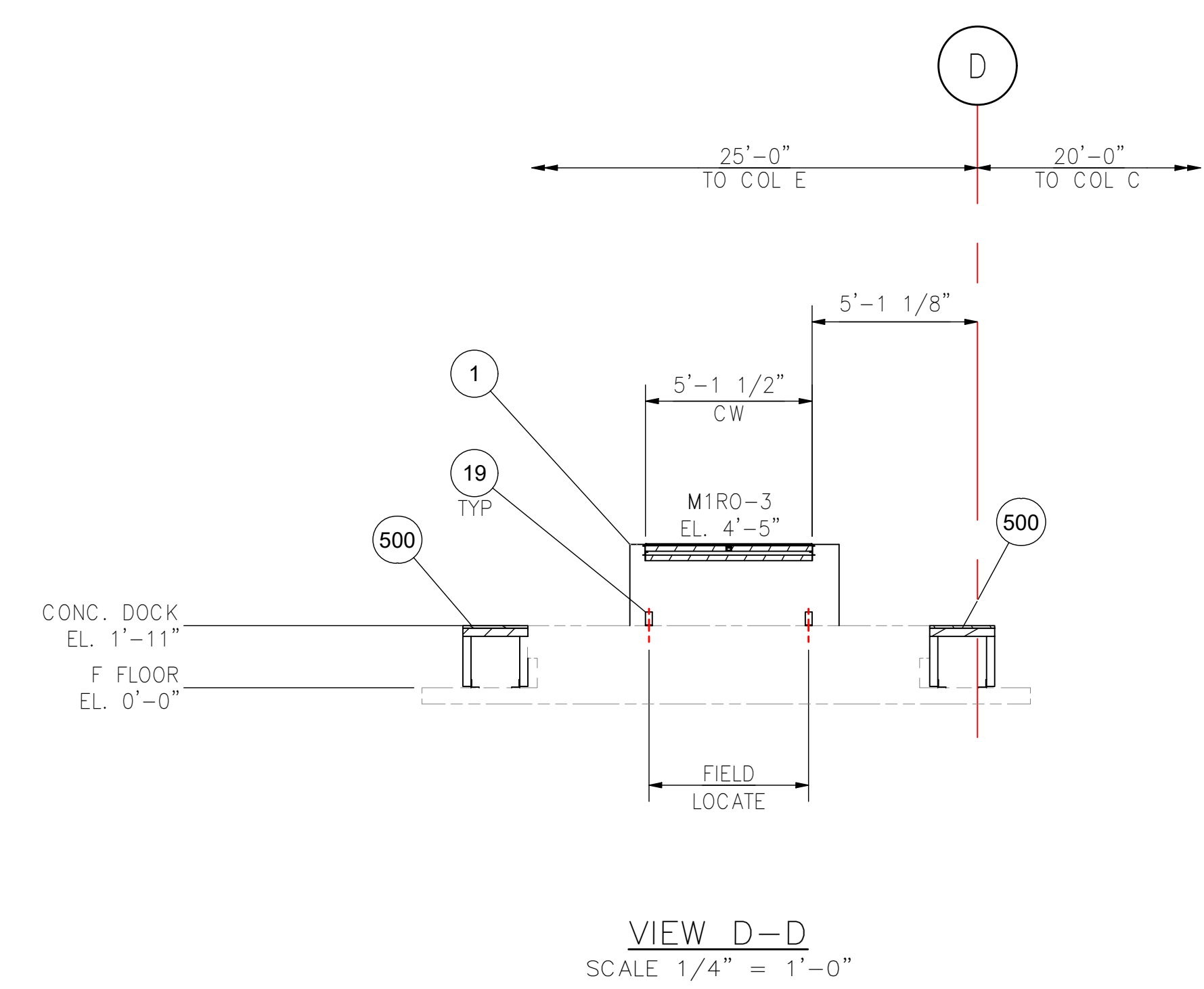
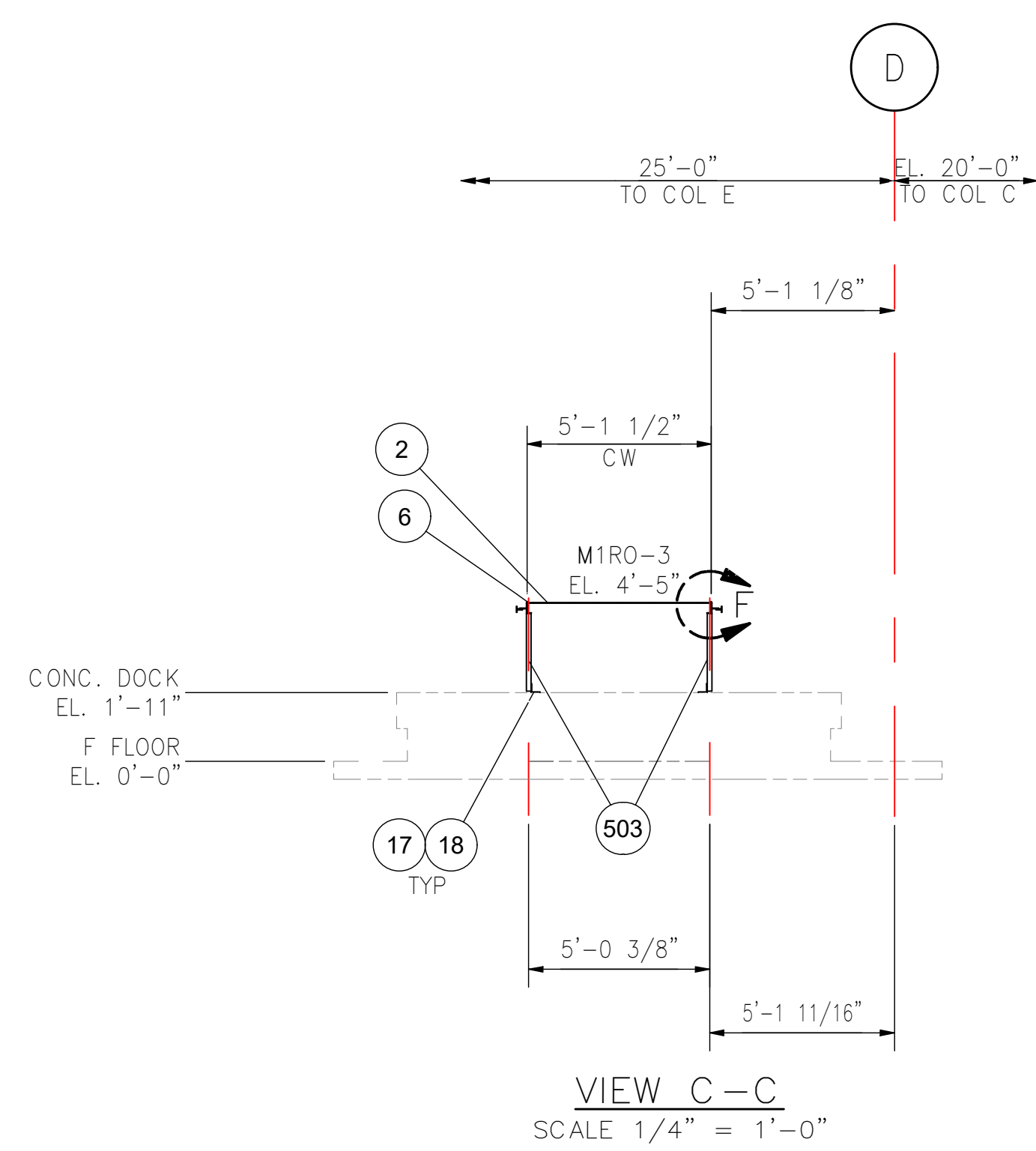
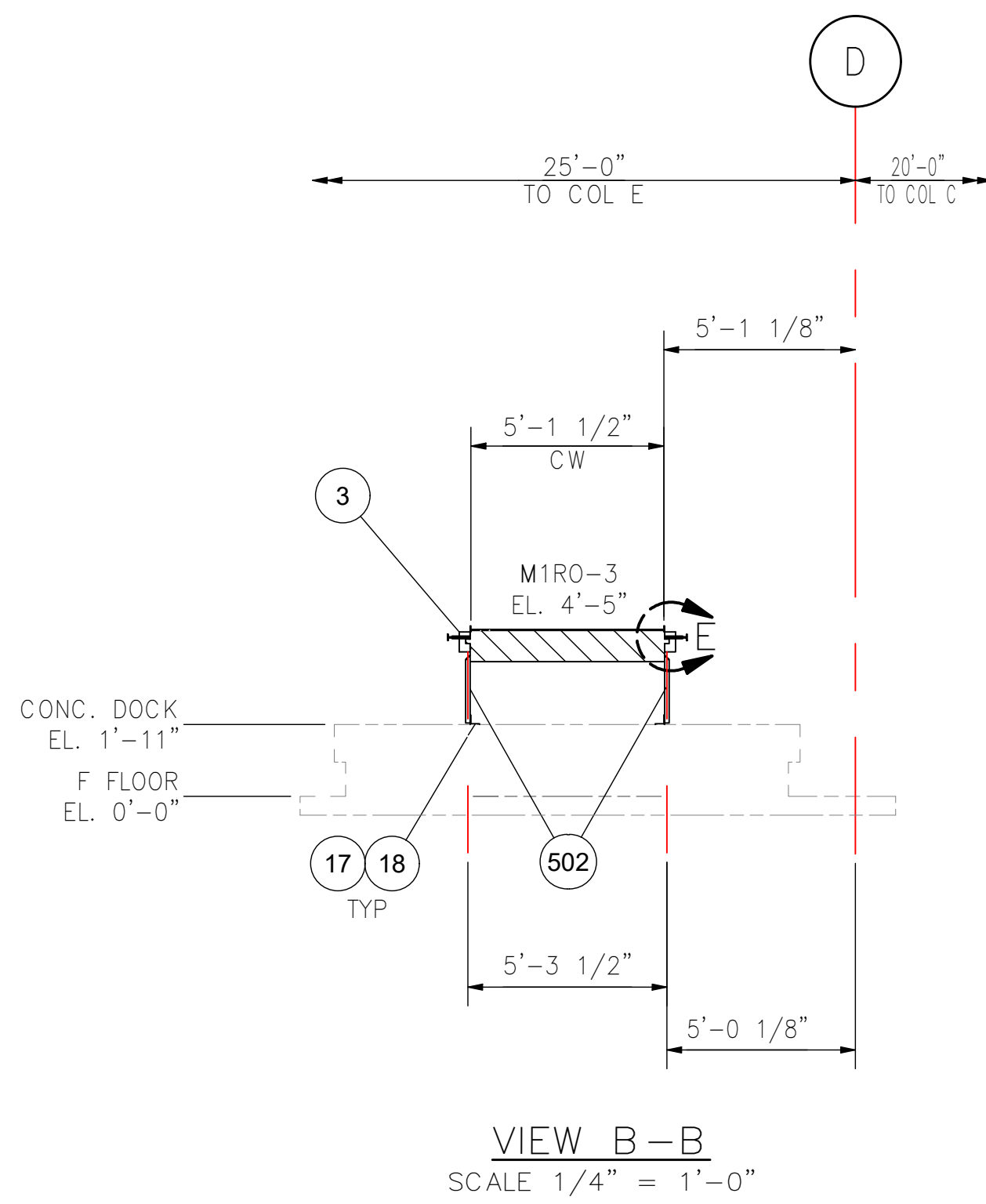
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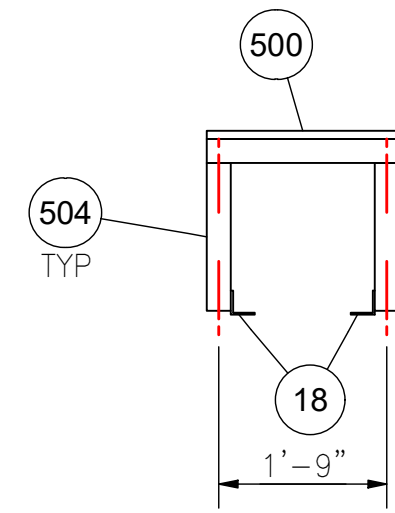
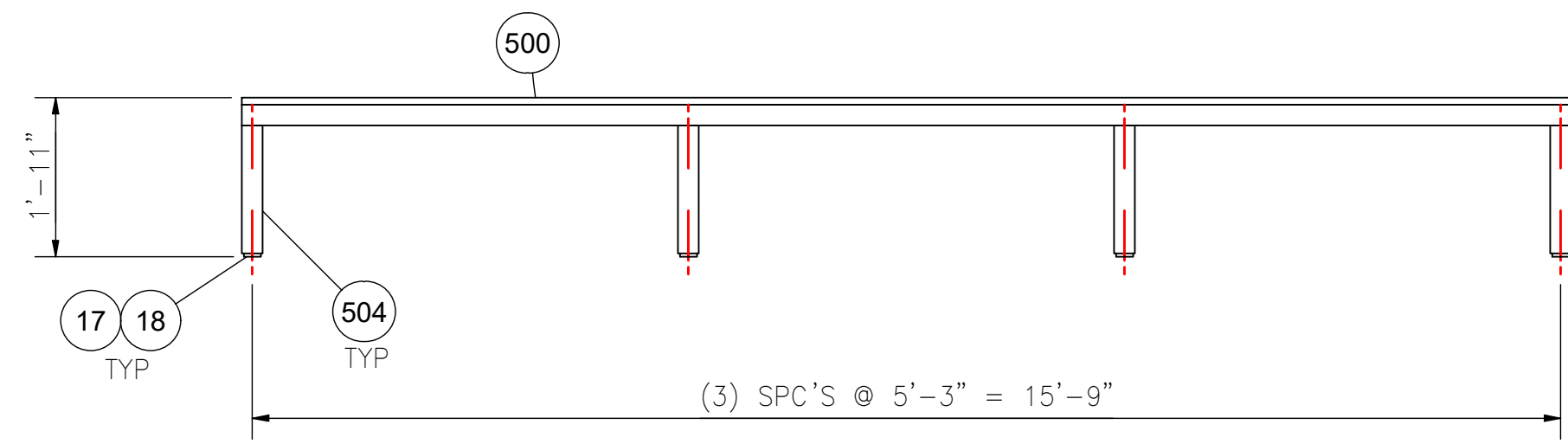
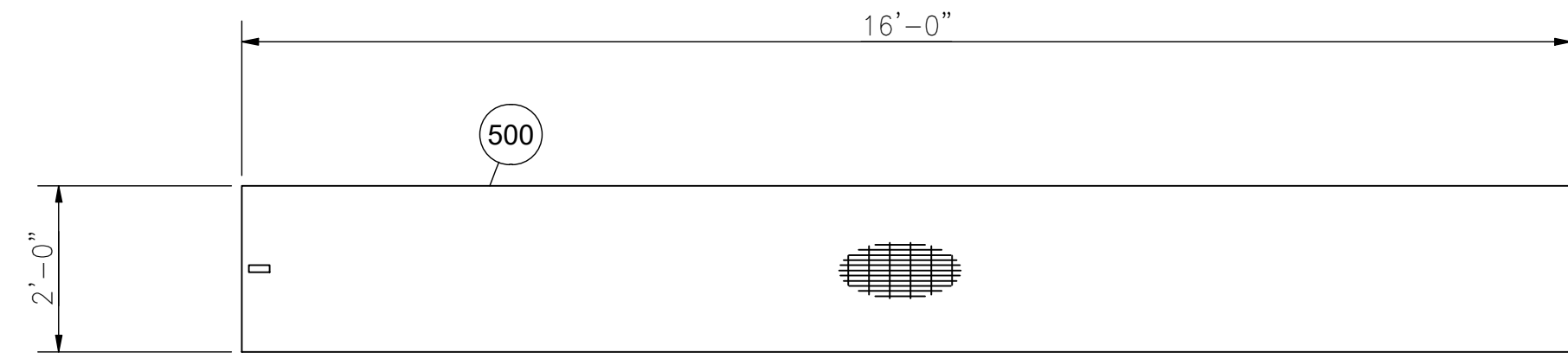
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**PLATFORM 500 DETAIL**  
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		REV	0
		<b>PLATFORM DETAILS</b> <b>M1RO-3 &amp; M1RO-4</b> <b>UPS - ST. CATHERINE'S, ON, CA</b>	

**EXHIBIT D**



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HYTROL

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WARNING  
CAUTION  
DANGER

Control cabinet with indicator lights and emergency stop button.

15

53208