



Development Review Division

Community Development Department: *Town Hall / 20120 East Mainstreet Parker, CO 80138* Phone: 303.841.2332 Fax: 303.841.3223

M E M O R A N D U M

TO: William (Billy) Edwards; Isaac Halling, Select Management Co. | Select Development Co.
FROM: Carson Byerhof, Planner I
DATE: April 5, 2022
SUBJECT: SP22-005 – Boondocks Ropes Course | L4A Crown Point F1 AMD20 | Site Plan – minor amendment
Review Comments 01

Listed below are the Planning Division's comments related to your land use application, which must be responded to. If you wish to discuss a comment, please contact your Case Planner. Upon resubmittal, please sign and return this memo. A follow-up meeting with the reviewing agencies can be scheduled to provide additional guidance by contacting the Case Planner.

TOWN OF PARKER PLANNING DEPARTMENT CASE PLANNER: Carson Byerhof

EMAIL: cbyerhof@parkeronline.org

PHONE: 303.805.3331

GENERAL PROJECT COMMENTS:

1. The Planning Division references certain sections of the Parker 2035 Master Plan, the Land Development Ordinance (LDO) and the Development Design Standards. Copies of these documents are available at:

[Parker 2035 Master Plan](#)

[Development Design Standards](#)

[Land Development Ordinance](#)

2. The Planning Division has made every effort to make this comment letter as comprehensive as possible. However, additional comments that have not been provided as part of this comment letter may be identified as part of future submittals, based on revisions to the project.
3. Please contact the referral agencies if you have questions regarding their review comment(s).
4. A redlined plan is included with this memorandum and is intended to supplement and clarify the review comments of this memorandum.
5. Final Plans submitted to the Building Department, Engineering Department and Parker Water and Sanitation District **must be exactly the same as the approved Site Plan set.**
6. The Town of Parker has implemented a naming convention for all applications. For all future documents that are uploaded to TRAKIT please ensure the submittal round is first, the name of the document is second and the name of the project is third. Staff will not refer the application out with this naming convention.

Example: "02" or "Second Submittal"

- 7. **Prairie Dog Management:** The Town’s current land development ordinance section 13.10.250 - Prairie Dog Management requires applicants/developers to manage any prairie dogs on site as a condition of the land use application approval and site development. The applicant and developer will be required to acknowledge this code section and provide certification of required management efforts. Management should begin as early as possible during the review process. Please coordinate with staff.

Site Plan and Project Details

- 1. **Please include landscape plan and demarcate relocated tree at a singular location**
- 2. **Please reference the redlines for additional comments/clarification.**

Comment Addressed: Yes No

Response:

OUTSIDE REFERRAL AGENCY COMMENTS

Please address all outside referral agency comments with a written response. The following agencies have provided comments for review:

Please see the following advisory comments:

- Cherry Creek Basin Water Quality Authority
- Town of Parker – Building

Please keep an eye out in eTRAKiT for the comment to the following reviews:

- Comcast
- Town of Parker – Construction Plans (Civil)
- Town of Parker – Drainage Report (Civil)
- Town of Parker – Site Plan (Civil)
- Town of Parker Traffic Impact Study (Civil)

All comments are available on eTRAKiT. Please address accordingly.

Comment(s) Addressed: Yes No
Response:

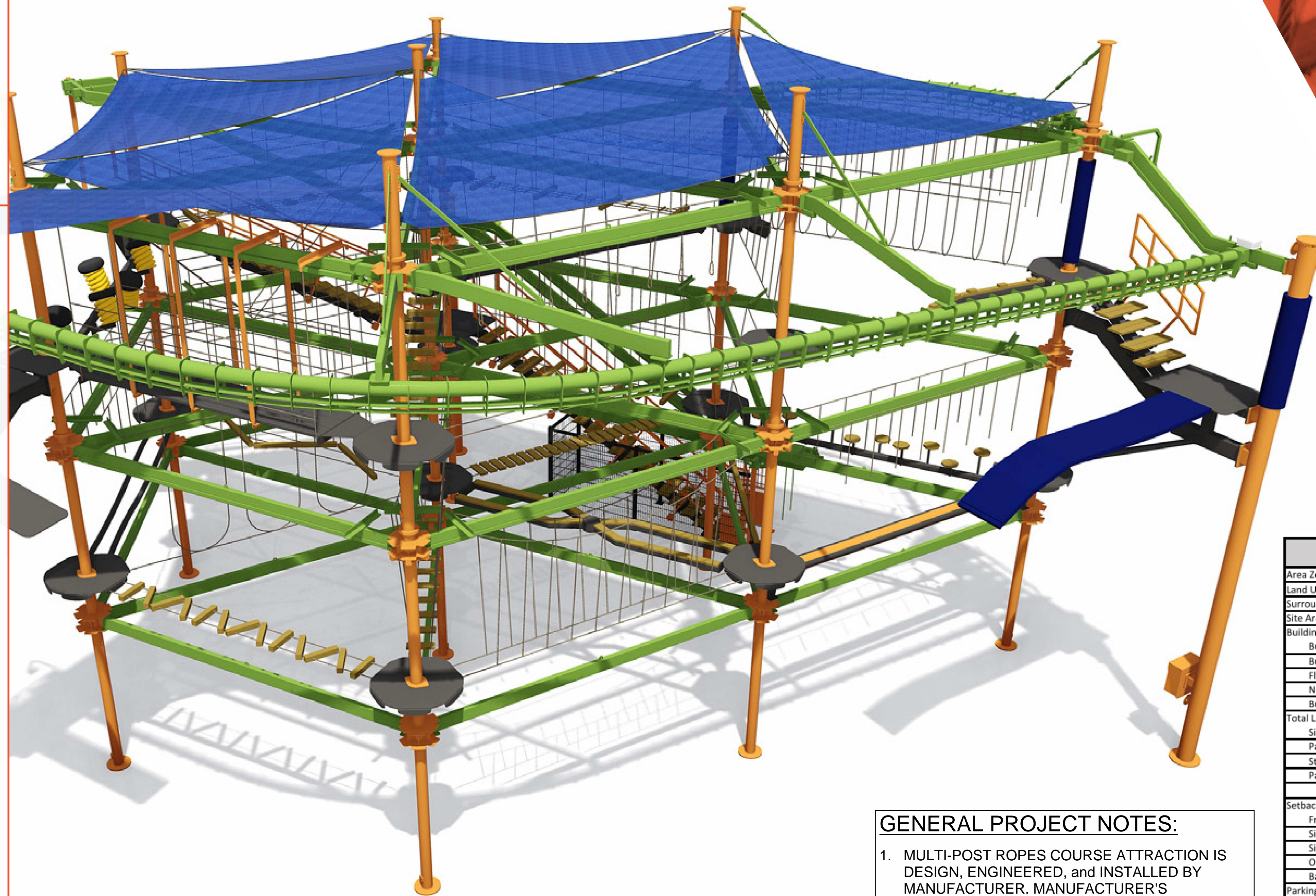
Property Owner

Date

Project Representative

Date

GENERAL NOTE
 • Provide a landscape plan, clearly showing relocated tree (a singular location for the tree has to be decided on). Reference SP15-0017 for original landscape plan.



LAND USE TABLE		
Area Zoning (PD)	PD	
Land Use(s)	REGIONAL COMMERCIAL RETAIL	
Surrounding Use(s)	REGIONAL COMMERCIAL RETAIL	
Site Area (sqft)	1215 SF (APPROX. STRUCTURE)	
Building Area (sqft)		
Building Gross Floor Area (GFA)	N/A	
Building Net Leasable Area (NLA)	N/A	
Floor Area Ratio	N/A	
Number of Buildings	N/A	
Building height at max	38'-0" TOP OF STEEL	
Total Landscaped Areas		
Site Perimeter (sqft)	N/A	
Parking Lot Perimeter (sqft)	N/A	
Streetscaping Area (sqft)	N/A	
Parking Lot Islands (sqft)	N/A	
	REQUIRED	PROVIDED
Setbacks		
Front	30'-0"	30'-0"
Side	30'-0"	30'-0"
Side	30'-0"	30'-0"
Other/additional side(s)	N/A	
Back	N/A	
Parking		
Area (sqft)	N/A	
Number of Stalls	N/A	
Number of ADA Accessible Stalls	N/A	
Number of Van ADA Accessible Stalls	N/A	
Number of Bike Stalls	N/A	

GENERAL PROJECT NOTES:

1. MULTI-POST ROPES COURSE ATTRACTION IS DESIGN, ENGINEERED, and INSTALLED BY MANUFACTURER. MANUFACTURER'S ENGINEERED DRAWINGS and RENDERINGS ARE INCLUDED IN THIS SUBMITTAL PACKAGE FOR REFERENCE and CLARIFICATIONS.
2. ROPES COURSE ATTRACTION WILL BE LOCATED ON THE EXISTING CONCRETE PATIO ON THE SOUTH SIDE OF THE EXISTING BLD'G.
3. THIS ATTRACTION IS NOT CONSIDERED A BUILDING STRUCTURE and IN TURN DOES NOT INCREASE OCCUPANT LOAD OF THE FACILITY.
4. WITH NOT ADDITIONAL OCCUPANTS THIS ATTRACTION WILL NOT AFFECT PARKING SO EXISTING PARKING IS NOT BEING CHANGED.
5. ROPES COURSE ATTRACTION DOES NOT HAVE ANY LIGHTING ASSOCIATED WITH IT. EXISTING SITE and BUILDING LIGHTING ARE NOT BEING AFFECTED BY THIS ATTRACTION. NO PHOTOMETRIC IS BEING PROVIDED IN THIS SUBMITTAL.

LEGAL DESCRIPTION:

LOT 4A, CROWN POINT FILING #1
 LOCATED IN A PORTION OF THE SW 1/4 OF SECTION 3,
 T6S, R66W, 6TH P.M., COUNTY OF DOUGLAS, STATE OF COLORADO

Boondocks Food and Fun - Parker

8 POLE 2 LEVEL SKY TRAIL® DISCOVERY WITH (1) 60°SKY RAIL® AND SUN SHADES

**WE BUILD
 ADVENTURE**

TREE RELOCATION PROCEDURAL SPECIFICATION

Tree, Palm, Shrub and other Plant Transplanting/Relocating Detail – Recommended Notes:

The American National Standard for Tree Core Operations – Tree, Shrub, and Other Woody Plant Maintenance – Standard Practices (Transplanting) ANSI A300(Part 6)–2005 must be adhered to in its entirety for all relocating/transplanting of trees and shrubs. ANSI A300 (Part 6)–2005 includes the following:

60– Transplanting Standards
 61 – Normative References
 62 – Definitions
 63 – Transplanting Practices

The transplanting objectives shall be established prior to beginning the operation. These objectives may be presented in a report format for permitting purposes.

A feasibility and suitability assessment shall be conducted prior to recommending transplanting. Specifications for transplanting should be based on the assessment. See the Checklist in Annex A of ANSI A300 (Part6)–2005. This assessment may be presented in a report format for permitting purposes.

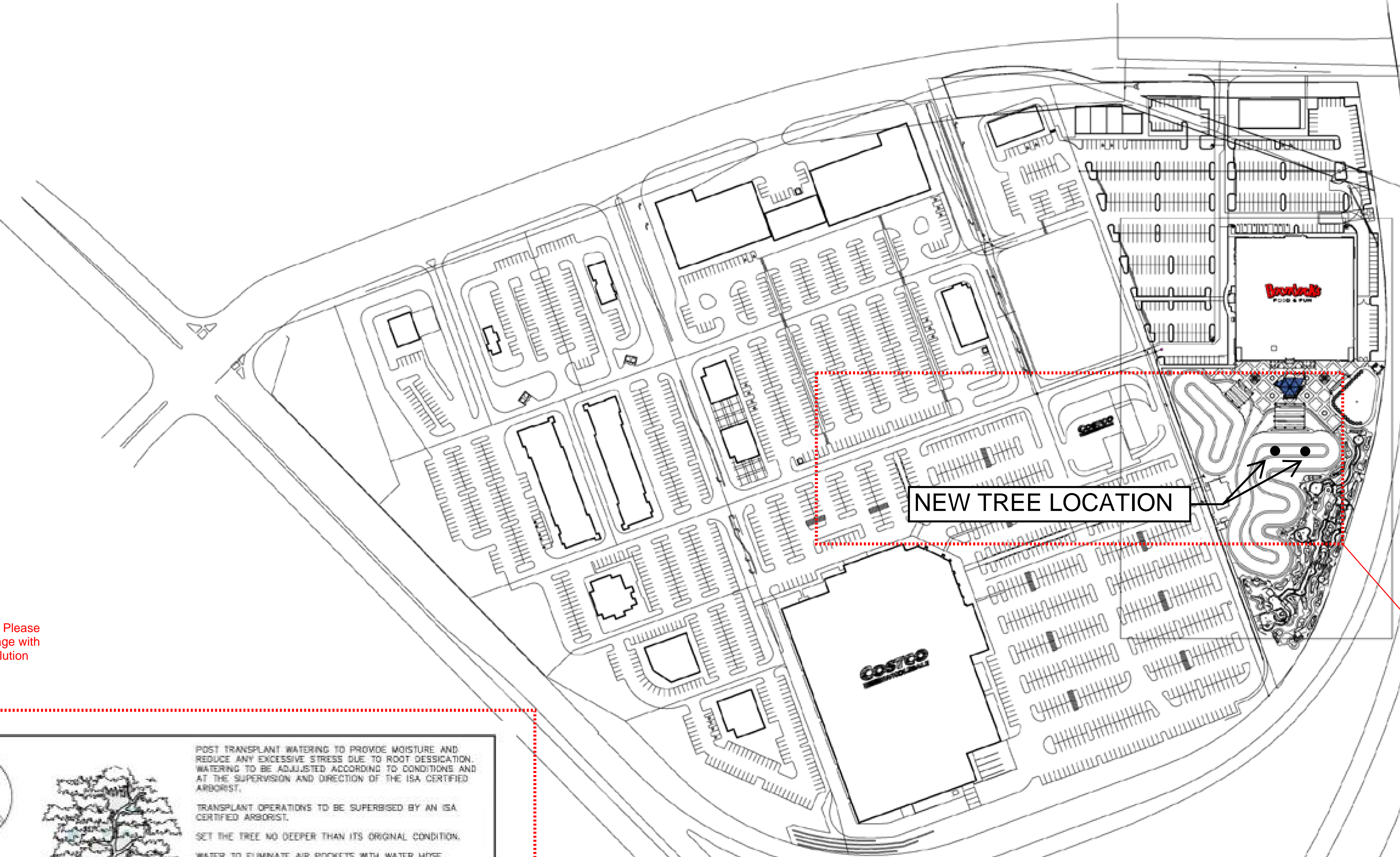
- TREE PROTECTION:**
- NO TREES SHALL BE DAMAGED, HARMED OR COMPROMISED ON THE PROJECT OR ADJACENT SITES
 - PROTECT ALL EXPOSED PARTS OF THE TREE AND ALSO THE SOIL–CRITICAL ROOT ZONE (CRZ) FROM ACTIVITIES THAT MAY BE NEGATIVELY IMPACTFUL TO THE TREE (i.e. COMPACTION, CONTAMINATION, ETC.)
 - CRITICAL ROOT ZONE (CRZ):** APPROXIMATE AREA DIRECTLY BELOW THE DRIPLINE–CANOPY OF ANY TREE
 - PRESERVATION CRITERIA:** NO MORE THAN 25% OF THE AREA WITHIN THE CRZ SHALL BE IMPACTED, 75% PRESERVATION SHALL BE CONSIDERED PRESERVED
 - PROTECTION PROCEDURES PRIOR TO CONSTRUCTION**
 - FLAG ALL TREES WITH BRIGHT FLORESCENT ORANGE TAPE AT 4' HEIGHT OR MORE TO ENSURE PROPER VISIBILITY
 - INSTALL PROTECTIVE FENCING WHERE TREE IS CLOSE TO CONSTRUCTION ACTIVITIES WILL INFRINGE UPON THE ROOT ZONE, IMPLEMENT THE FENCE AROUND THE CRZ
 - IN THE POSSIBILITY OF INCIDENTAL CONTACT WITH EQUIPMENT, PROTECT THE TREE BARK; ENCRICLE THE TREE TRUNK WITH 2"x4" LUMBER, SECURED WITH WIRE OR OTHER MEANS THAT DO NOT DAMAGE THE TREE
 - PROHIBITED ACTIVITIES**
 - SOIL COMPACTION**
 - DO NOT STORE MATERIALS OR WASTE UNDER THE TREE CANOPY, DO NOT ALLOW FOOT-EQUIPMENT-VEHICLE TRAFFIC WITHIN THE CRZ
 - CONTAMINATION**
 - CLEANING OF EQUIPMENT AND ADJACENT SURFACES WITHIN-ONTO LIMITS OF THE CRZ
 - THIS INCLUDES, WITHOUT LIMITATION TO: PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR SIMILAR PRODUCTS
 - OBJECTS ATTACHED TO TREES**
 - NO SIGNS, WIRES OR ANY PHYSICAL ENTITY OTHER THAN THAT OF PROTECTIVE NATURE SHALL BE SECURED TO TREES
 - GRADE CHANGES**
 - NO GRADE CHANGES IN EXCESS OF 2" (CUT-FILL) SHALL BE ALLOWED WITHIN THE CRZ LIMITS, UNLESS ADEQUATE MEASURE APPROVED BY THE BUILDING OFFICIAL HAVE BEEN IMPLEMENTED
 - IMPERVIOUS PAVING**
 - CONCRETE, ASPHALT OR OTHER IMPERVIOUS PAVING MATERIALS SHALL BE INTEGRATED IN A MANNER WHICH MAY REASONABLE KILL THE TREE

LANDSCAPE NOTES:

THE LOCATION OF THIS NEW ROPES COURSE ATTRACTION DOES NOT AFFECT THE MAJORITY OF THE LANDSCAPING. PLACEMENT OF ROPES COURSE ONLY AFFECTS A SINGLE TREE IN THE CENTER PATIO PLANTER, NEXT SHEET PROVIDES FURTHER NOTATION. SEE DETAILS ON THIS SHEET FOR TREE CONSERVATION INFORMATION.

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NEW TREE LOCATION

Please specify exact location for tree. Will need to be articulated on landscape plan

Not legible. Please replace image with higher resolution

POST TRANSPLANT WATERING TO PROVIDE MOISTURE AND REDUCE ANY EXCESSIVE STRESS DUE TO ROOT DESSICATION. WATERING TO BE ADJUSTED ACCORDING TO CONDITIONS AND AT THE SUPERVISION AND DIRECTION OF THE ISA CERTIFIED ARBORIST.

TRANSPLANT OPERATIONS TO BE SUPERVISED BY AN ISA CERTIFIED ARBORIST.

SET THE TREE NO DEEPER THAN ITS ORIGINAL CONDITION.

WATER TO ELIMINATE AIR POCKETS WITH WATER HOSE APPLICATION OF FLOOD WATERING.

TRANSPLANTING HOLE TO BE AT LEAST 1/3 LARGER THAN THE AREA THAT WAS TRENCHED FOR TRANSPLANTING.

3" x 4" WOOD BRASSES (3)
 SPACED EVENLY ABOUT TRUNK
 2" RECYCLED MESH WELCH
 MUST BE PULLED 2" BACK FROM TREE TRUNK
 WOOD BATTENS TO BE BURIED 3" BELOW GRADE AND TIED

2" x 4" WOOD BATTENS TO BE 20" LONG APART
 WOOD BATTENS TO BE SECURED W/ STEEL BRASSAGE DO NOT NAIL INTO SOIL
 MIN 3 LAYERS OF ENPLUM

A 4" SAUCER TO BE FORMED ALL AROUND PLANTING HOLE
 SAUCER DIAMETER SHALL BE 2.5X THE DIAMETER OF ROOTBALL

FRESH GRADE

BACKFILL WITH A MIXTURE OF 50% NATIVE SOIL AND 50% OF 50/50 TOPSOIL SAND MIXTURE

SOLID SOIL PEDESTAL

REFER TO TECHNICAL SPECIFICATIONS FOR PLANTING SOIL REQUIREMENTS

REVISIONS		DATE	
BY	DATE		
TCM	APR/2020		

LANDSCAPE STANDARDS

TREE RELOCATION DETAIL

APPROVED BY: _____ DATE: AUGUST 2020
 URBAN FORESTER DWG. NO. 106-1

SCALE: N.T.S.

Notes:
 Additional design work may be required
 Final course design subject to change per engineering
 Product pictured may contain custom components
 Colors shown may vary from delivered product. Physical samples available upon request
 Field verify all dimensions, heights and clearances prior to engineering

R6.01_Boondocks Food and Fun - Parker.skp
 January 06, 2022
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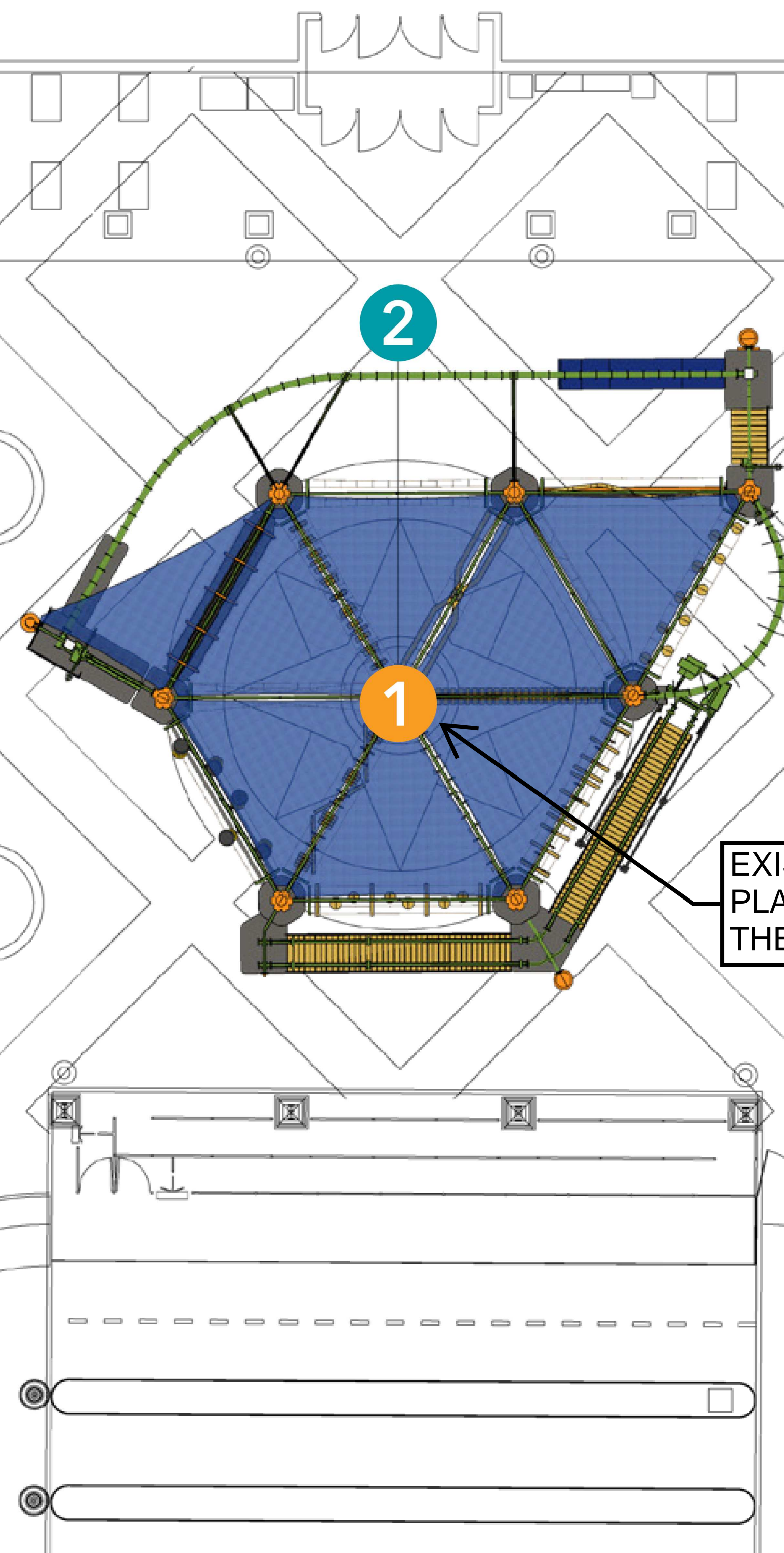


LEGEND

- 1 Sky Trail®
- 2 Sky Rail®

SITE PLAN NOTES:

1. MULTI-POST ROPES COURSE ATTRACTION DESIGN, ENGINEERED, and INSTALLED BY MANUFACTURER TO BE LOCATED ON EXISTING IN PATIO AREA.
2. INSTALLATION OF UNIT WILL NOT DISTURB EXISTING GRADE ELEVATIONS, UNDERGROUND UTILITIES, and/or LIGHTING.
3. NEW ROPES COURSE IS A FREESTANDING STRUCTURE and DOES NOT AFFECT THE EXISTING BUILDING ELEVATIONS.
4. CENTER COLUMN FOR ROPES COURSE STRUCTURE IS LOCATED IN THE CENTER OF AN EXISTING PLANTER ISLAND. THAT EXISTING BAKERI SPRUCE WILL BE RELOCATED and/or REPLACED WITH NEW LOCATION IN THE LANDSCAPE AREA OF THE GO-KART TRACK. REFER TO OVERALL SITE PLAN FOR THAT LOCATION.
5. IN ADDITION TO THE RELOCATED BAKERI SPRUCE AN ADDITIONAL BAKERI SPRUCE OF SIMILAR SIZE AND CALIPER WILL BE ADDED TO THAT GO-KART LANDSCAPE AREA.



EXISTING BAKERI SPRUCE LOCATED IN CENTER PLANTER TO BE RELOCATED and/or REPLACED TO THE LANDSCAPE AREA OF THE GO-KART TRACK

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R6.01_Boondocks Food and Fun - Parker.skp

January 06, 2022

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DIMENSIONS							
8 Pole 2 Level Sky Trail® Discovery with (1) 60° Sky Rail®							
# of Elements	Capacity	Imperial (ft/in)			Metric (m)		
		Length	Width	Area	Length	Width	Area
28	40	67' 8"	57' 5"	3886 ft ²	20.63m	17.51m	361m ²
Distance Between Columns		20' 0"			6.10m		
Total Sky Rail® Length		67' 5"			20.55m		
Clearance Under Course		9' 0"			2.74m		
Platform Heights		12' 0" / 24' 0"			3.66m / 7.32m		
Top of Steel Height		38' 0"			11.59m		
Features		Sky Rail® Popular Elements: - Rolling Log - Roller Rail					

Customizations:

- Column hand holes - See column details
- Sun shade over takeoff platform

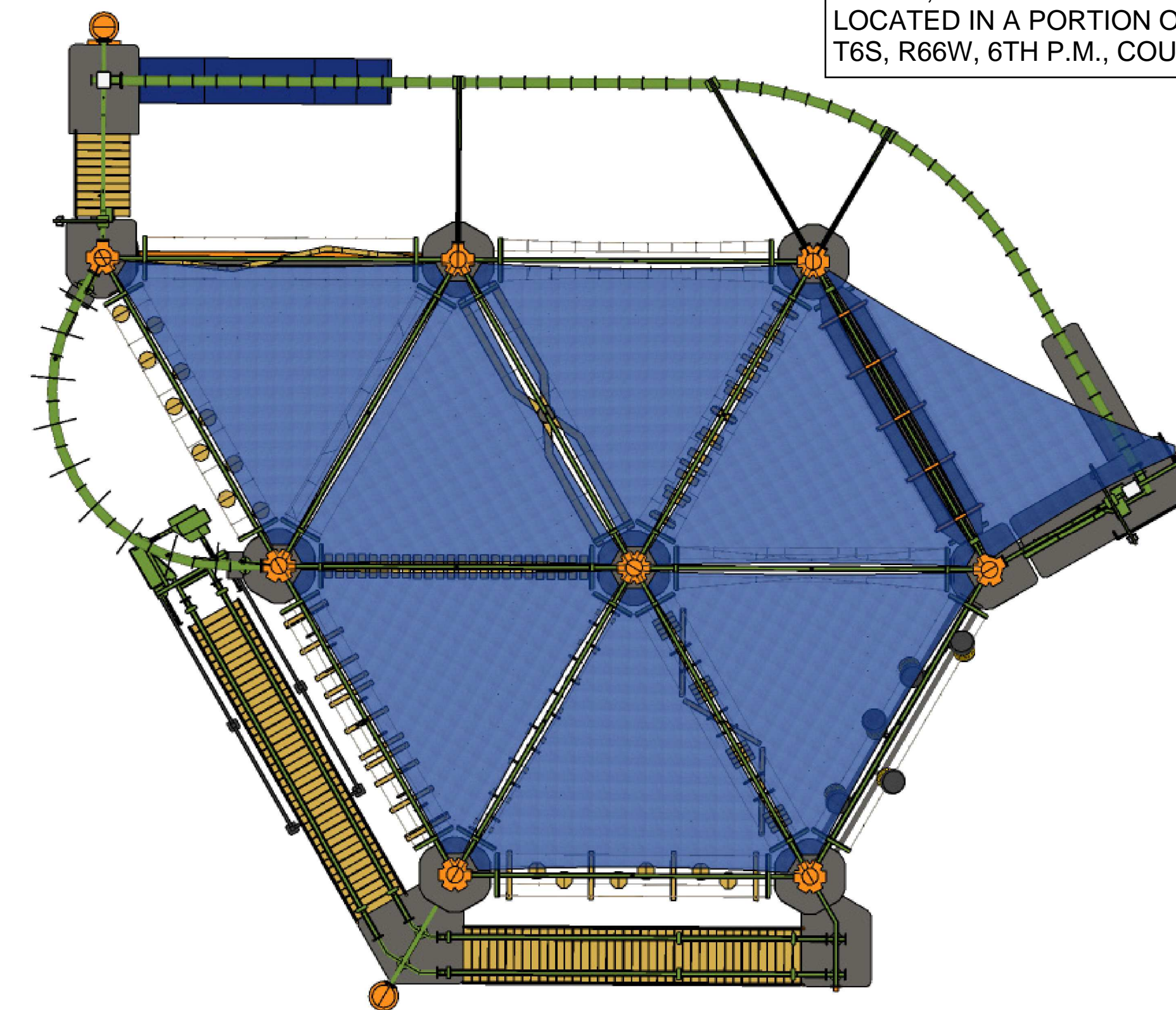
COLORS APPROVED

Platforms: Iron Horse	Horizontals: Green Gone Wild	Verticals: Mandarin	Plumber: Cedar	Slingline: Brown	Sun Shades: Aquatic Blue
			Rope: Tan	Pad: Royal Blue	

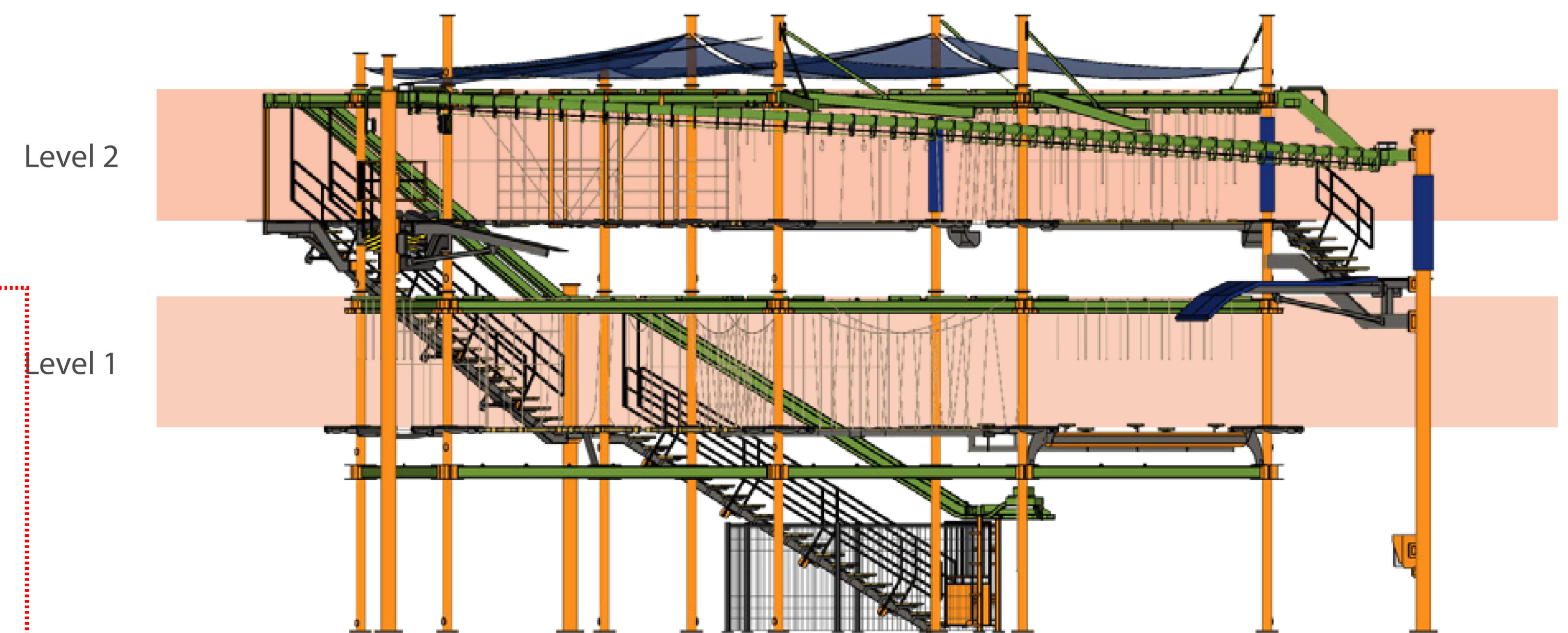
Sunshades need to be muted/neutral color to allow deviance for pole & platform colors.

FINAL COLOR SCHEME

Notes:
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PLAN



ELEVATION

R5.01_Boondocks Food and Fun - Parker.skp

October 26, 2021

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DESIGN CODES
 THE STRUCTURE IS DESIGNED ACCORDING TO THE LATEST EDITION OF THE 2018 IBC, RCSC SPECIFICATION FOR STRUCTURAL JOINTS, AND ASTM F2599-12 STANDARD PRACTICE FOR AERIAL ADVENTURE COURSES.
 THE STRUCTURAL STEEL IS DESIGNED TO THE LATEST EDITION OF THE AISC 360-16 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
 THE STRUCTURAL WELDING IS DESIGNED AND PERFORMED ACCORDING TO THE LATEST EDITION OF AWS D1.1 STRUCTURAL STEEL.
 ALL LOADS ARE CALCULATED BASED ON THE ASCE7-16 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.

OCCUPANCY CLASSIFICATION = A-3

COURSE MAX OCCUPANCY = 40

CONSTRUCTION TYPE = IIB

DESIGN LOADS

DEADLOAD
 STRUCTURAL STEEL = FRAME WEIGHT
 LIVE LOAD
 PLATFORMS = 100 PSF or (4,788 KN/m²)
 STAIRS AND EXITS = 100 PSF or (4,788 KN/m²)
 ROLLER RAIL = 2000 LB or (8.90 KN)
 PLATFORM EDGE ELEMENT LOAD = 200 LB (0.89 KN) VERTICAL/2000 LB (8.90 KN) HORIZONTAL WIND LOAD
 115 MPH (PARKER MUNICIPAL CODE)

SEISMIC LOAD

AMUSEMENT STRUCTURES AND MONUMENTS
 R = 2
 I = 1
 S_s = 0.2
 F_a = 1.6
 SITE CLASS = D
 DESIGN CATEGORY = A

STRUCTURAL STEEL

ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) "SPECIFICATIONS FOR THE DESIGN FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"

STRUCTURAL STEEL TO CONFORM TO:
 TUBE STEEL (HSS HOLLOW STRUCTURAL SECTION) = A-500 GRADE B
 STRUCTURAL STEEL PLATE = A-36
 ANCHOR BOLTS = A-36 OR F-1554 GRADE 36
 PIPE = A53 GRADE B OR A500 GRADE C
 SS ROUND = 304/304L STAINLESS STEEL (F_y = 50 KSI) or (344.737 MPa)
 THESE MATERIAL SPECIFICATIONS SHALL BE USED UNLESS NOTED OTHERWISE.

WELDING

ALL WELDING TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY (AWS) "STRUCTURAL WELDING CODE - STEEL" D1.1 AND AS INDICATED ON THE STRUCTURAL DRAWINGS. WELDING ELECTRODES, WELDING PROCESS, MINIMUM PREHEAT AND INTERPASS TEMPERATURES TO BE IN ACCORDANCE WITH THE AWS SPECIFICATIONS. ELECTRODES TO BE MIN 70KSI MATERIAL.

CONCRETE

- ALL CONCRETE SHOULD HAVE STONE AGGREGATE (NORMAL WEIGHT). 28-DAY COMPRESSIVE STRENGTH (f'_c) SHOULD BE 4000PSI or 27.58 MPa MINIMUM FOR CAST-IN-PLACE CONCRETE.
- REINFORCING BARS SHOULD BE MILD STEEL WITH A MINIMUM YIELD STRENGTH OF 60 KSI or 413.685 MPa.
- REINFORCING BAR PROTECTION:
 - CONCRETE PLACED AGAINST EARTH - 3" or 7.5 cm
 - CONCRETE PLACED IN FORMS - 1 1/2" or 3.81 cm
- FIELD WELDING OF REINFORCING SHOULD NOT BE PERMITTED.
- ALL REINFORCING BAR BENDS SHOULD BE MADE MECHANICALLY HEAT-BENDING SHOULD NOT BE PERMITTED.
- NON-SHRINK GROUT = 5000 PSI or 34473.79 KN/m²

FOUNDATIONS

BASED UPON PRESUMPTIVE LOAD-BEARING VALUES OF SOILS FROM SECTION 1806 OF IBC 2009.
 ALLOWABLE FOUNDATION PRESSURE = 1500 PSF or 71.82 KN/m²
 LATERAL BEARING = 100 PSF/FT or (4,788 KN/m² per 30.48cm) BELOW GRADE
 LATERAL SLIDING = 130 PSF or 6.224 KN/m²

BOLTING

ALL BOLTS ARE A325 BOLTS WITH HEAVY HEX NUTS. THE BOLTS ARE TO BE INSTALLED UTILIZING THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" AS PREPARED BY RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RSC) FOR THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC). THE BOLTS SHALL BE INSTALLED AS PRETENSIONED USING DIRECT TENSION INDICATING WASHERS.

IT IS THE RESPONSIBILITY OF THE INSTALLER TO INSURE PROPER TIGHTNESS.

ALL JOINTS MUST BE *SNUG-TIGHTENED* PRIOR TO *PRETENSIONING*.
 ALL JOINTS MUST BE *SNUG-TIGHT* UNLESS OTHERWISE SPECIFIED.

SNUG-TIGHT PROCEDURE

ALL BOLT HOLES SHALL BE ALIGNED TO PERMIT INSERTION OF THE BOLTS WITHOUT UNDUE DAMAGE TO THE THREADS. BOLTS SHALL BE PLACED IN ALL HOLES WITH WASHERS AND DIRECT-TENSION-INDICATORS (DTI) AS REQUIRED AND NUTS THREADED TO COMPLETE THE ASSEMBLY. THE DTI MUST ALWAYS BE INSTALLED WITH THE PROTRUSIONS POINTING OUTWARD AWAY FROM THE STEEL AND FACING INTO THE BOLT HEAD/UT.

- WHEN A DTI IS USED AN ASTM F436 WASHER SHALL BE USED IN ONE OF THE FOLLOWING CONFIGURATIONS:
- WHEN THE NUT IS TURNED AND THE DTI IS LOCATED UNDER THE BOLT HEAD, AN ASTM F436 WASHER SHALL BE USED UNDER THE NUT
 - WHEN THE NUT IS TURNED AND THE DTI IS LOCATED UNDER THE NUT, AN ASTM F436 WASHER SHALL BE USED BETWEEN THE NUT AND THE DTI
 - WHEN THE BOLT HEAD IS TURNED AND THE DTI IS LOCATED UNDER THE NUT, AN ASTM F436 WASHER SHALL BE USED UNDER THE BOLT HEAD.
 - WHEN THE BOLT HEAD IS TURNED AND THE DTI IS LOCATED UNDER THE BOLT HEAD, AND ASTM F436 WASHER SHALL BE USED BETWEEN THE BOLT HEAD AND THE DTI.

ANY OF THE PRECEDING CONFIGURATIONS ARE ACCEPTABLE AND CAN BE SELECTED BY THE INSTALLER ON A JOINT-BY-JOINT BASIS. HOWEVER ALL OF THE CONNECTIONS IN THIS PLAN SET ARE DETAILED USING CONFIGURATION #3.

COMPACTING THE JOINT TO A *SNUG-TIGHT* CONDITION SHALL BE ACHIEVED USING THE *SYSTEMATIC TIGHTENING* METHOD. THE *SNUG-TIGHTENED* CONDITION IS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH TO BRING THE CONNECTED PLIES INTO FIRM CONTACT.

DTI PRETENSIONING PROCEDURE

ALL BOLTS TO BE *PRETENSIONED* SHALL FIRST BE INSTALLED IN ACCORDANCE WITH THE *SNUG-TIGHT* PROCEDURE.

AN F436 WASHER IS ALWAYS REQUIRED WHEN A DTI IS USED. VISUALLY VERIFY THAT THE *SNUG-TIGHTENED* CONDITION, WITH FIRM CONTACT, HAS BEEN ACHIEVED.

VERIFY THAT THE DTI HAS NOT BEEN OVER-COMPRESSED BY THE SNUGGING ACTIVITY BY CONFIRMING THAT AT LEAST HALF OF THE GAPS IN THE DTI WOULD ACCEPT THE APPROPRIATE THICKNESS FEELER GAGE (0.005in OR 0.127mm) FOR GALVANIZED FASTENERS.

USING THE *SYSTEMATIC TIGHTENING* METHOD, TIGHTEN EACH BOLT/NUT IN THE JOINT. TIGHTEN UNTIL THE FEELER GAGE WOULD BE REFUSED ENTRY INTO AT LEAST HALF OF THE DTI GAPS. THE FASTENER SHOULD NOT BE TIGHTENED TO THE POINT WHERE NO GAP IS VISIBLE BETWEEN THE DTI'S PROTRUDED SURFACE AND THE BOLT/WASHER/NUT SURFACE.

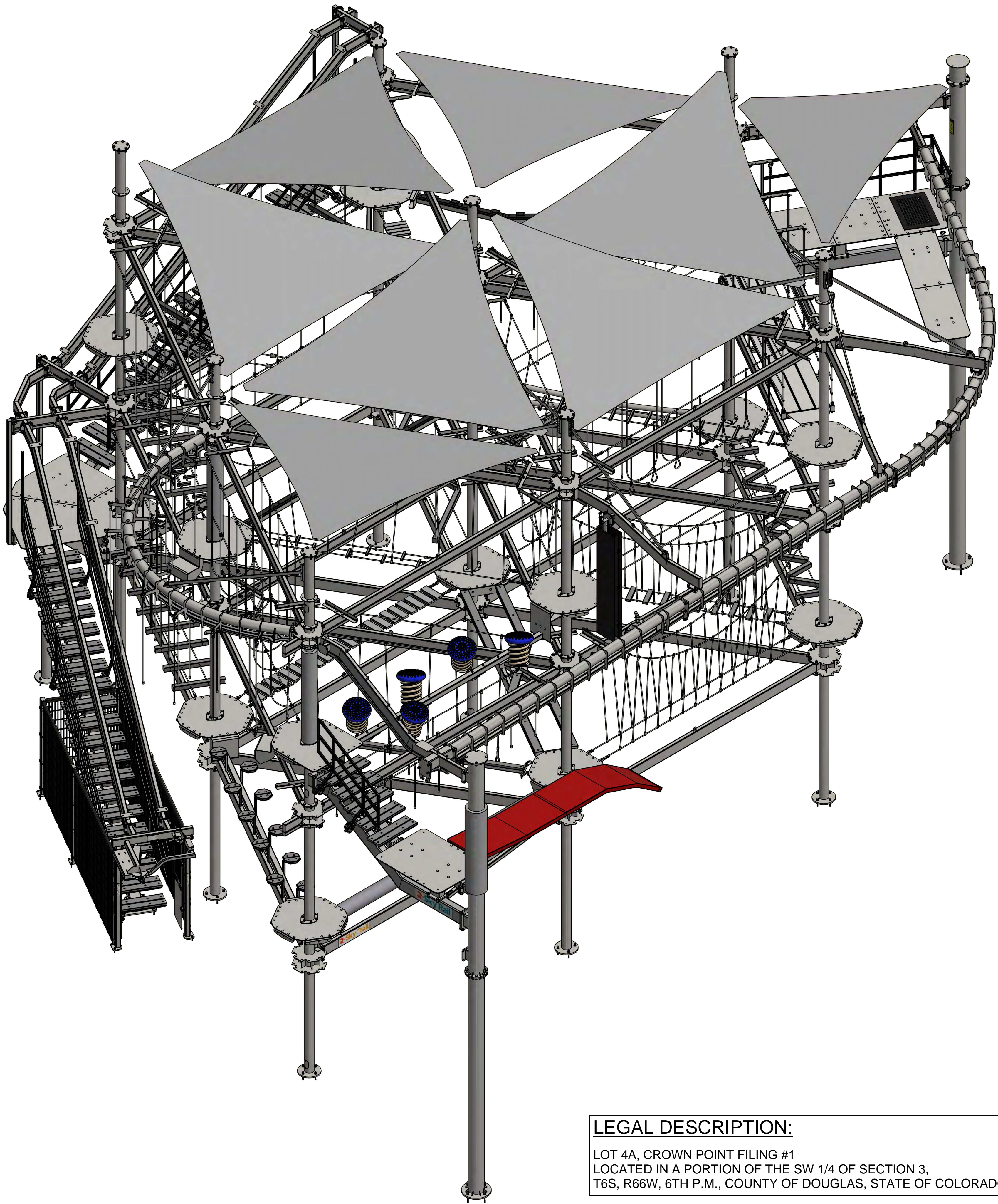
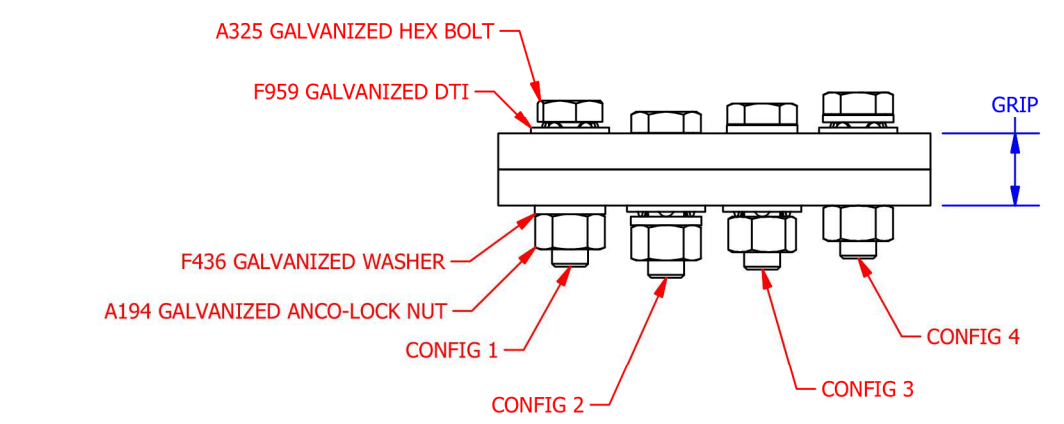
SYSTEMATIC TIGHTENING

A PATTERN SHOULD BE CHOSEN FOR SNUGGING THE JOINT SO THAT THE JOINT IS DRAWN TOGETHER WITHOUT UNDUE BENDING OF ANY OF THE CONNECTION PARTS. ACHIEVING THE CONDITION OF *SNUG-TIGHT*. THE PATTERN SHOULD ALSO BE USED SO THAT BOLTS ARE NOT INADVERTENTLY MISSED DURING EITHER SNUGGING OR PRETENSIONING.

THE JOINT SHOULD BE SNUGGED STARTING AT THE MOST RIGID PART OF THE JOINT. IN A JOINT WITH A SINGLE OR DOUBLE ROW OF BOLTS, THIS WOULD BE WHERE THE STEEL IS ALREADY IN CONTACT, WORKING TOWARD THE END WHERE THE STEEL MAY NOT BE IN CONTACT. IF THERE IS SOLID CONTACT BETWEEN THE STEEL AT ALL LOCATIONS, THE DIRECTION OF SNUGGING DOES NOT MATTER.

IN JOINTS WITH THICK COMPONENTS OR MULTIPLE PLIES, SEVERAL PASSES WITH THE WRENCH MAY BE NECESSARY TO BRING THE PARTS INTO FIRM CONTACT.

AFTER THE JOINT HAS BEEN COMPLETELY SNUGGED, *PRETENSIONING* OF THE BOLTS SHOULD FOLLOW THE SAME SYSTEMATIC PATTERN USED FOR SNUGGING, IN A MANNER THAT MINIMIZES THE LOOSENING OF PREVIOUSLY INSTALLED BOLTS.



LEGAL DESCRIPTION:
 LOT 4A, CROWN POINT FILING #1
 LOCATED IN A PORTION OF THE SW 1/4 OF SECTION 3,
 T6S, R66W, 6TH P.M., COUNTY OF DOUGLAS, STATE OF COLORADO

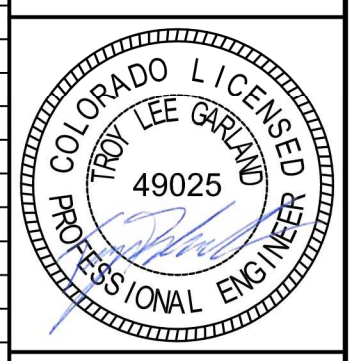
Troy Garland
 Digitally signed by Troy Garland
 DN: cn=Troy Garland c=US
 l=Hamilton o=Troy Garland
 e=troy@troygarland.com
 Reason: Engineering Seal
 Location: Hamilton, MI
 Date: 2022-02-01 09:39:05:00

TABLE OF CONTENTS	
SHEET NUMBER	SHEET TITLE
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3.0	COURSE FRAME LAYOUT
3.1	GROUND LEVEL FRAME DETAILS
3.2	FIRST LEVEL FRAME DETAILS
3.3	SECOND LEVEL FRAME DETAILS
3.4	SKY RAIL FRAME DETAILS
3.5	SUN SHADE FRAME DETAILS
3.6	COLUMNS WITH HAND HOLES DETAILS
4.0	CONNECTION DETAILS
4.1	CONNECTION DETAILS
4.2	SKY RAIL CONNECTION DETAILS
4.3	SKY RAIL INSTALLATION MECHANICAL DETAILS
5.0	FIRST LEVEL ELEMENT LAYOUT
5.1	SECOND LEVEL ELEMENT LAYOUT
5.2	ELEMENT CONNECTIONS

1.0 SHEET :
 SITE ADDRESS: BOONDOCKS FOODTRUCK-PARKER
 18706 COTTONWOOD DR, PARKER
 CO 80138, USA
 PROJECT NAME: BOONDOCKS FOOD
 & BEV - PARKER
 JOB NO: 10615
 DESCRIPTION: 8 POLE 2 LEVEL CUSTOM SKY TRAIL@ DISCOVERY WITH (D) 60' SKY RAIL@ AND SUN SHADES
 AUTHOR: ROSTAM
 DATE: 11/23/2021
 REV:



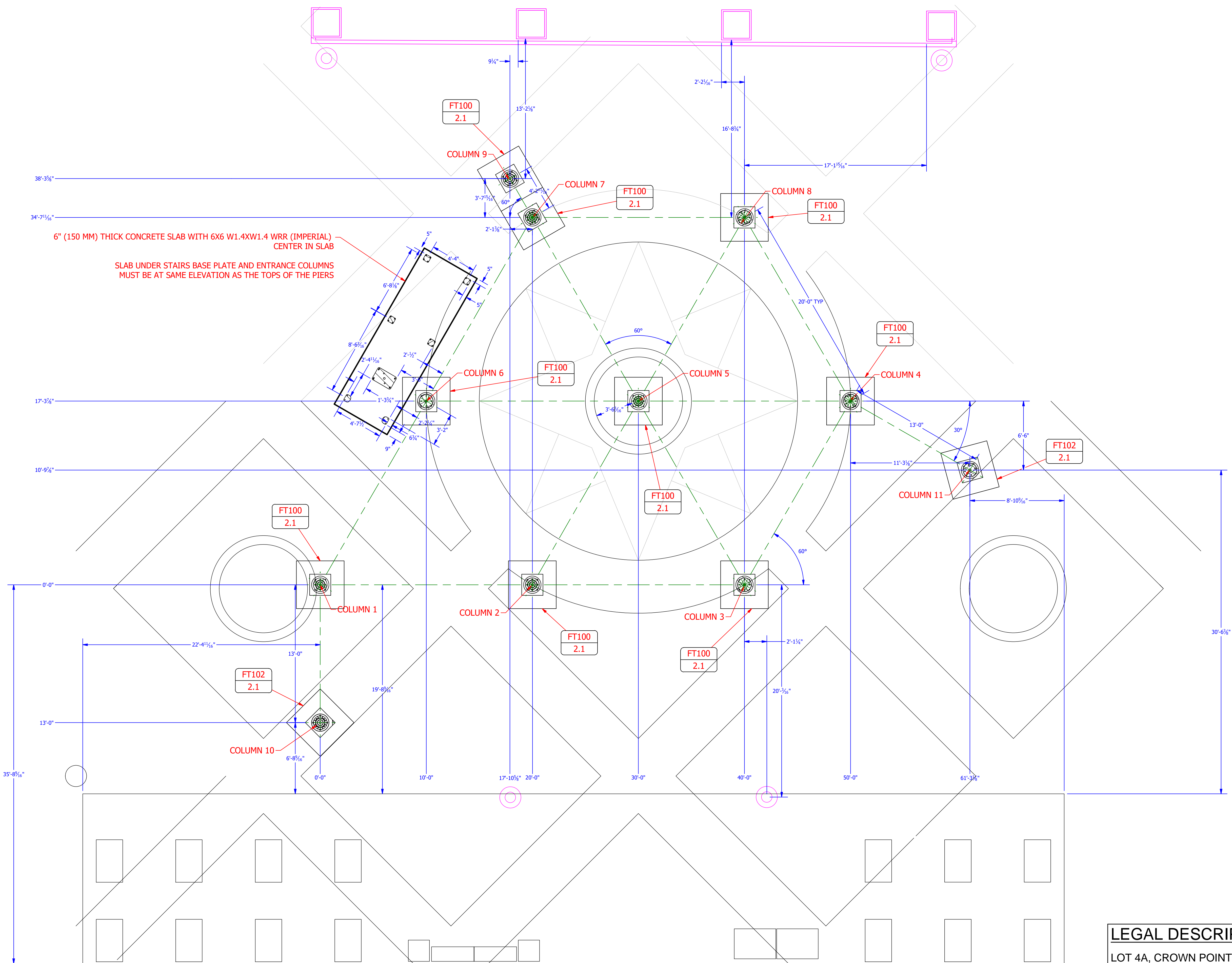
COVER SHEET



SHEET:
 1.0

FOUNDATION TYPE IS DRILLED PIER FOUNDATION.

TABLE		
COLUMN #	LOCAL ELEVATION	SURVEY ELEVATION
COLUMN 1	1.72	5809.47
COLUMN 2	0.00	5807.75
COLUMN 3	0.12	5807.87
COLUMN 4	0.00	5807.75
COLUMN 5	1.79	5809.54
COLUMN 6	0.00	5807.75
COLUMN 7	0.12	5807.87
COLUMN 8	0.12	5807.75
COLUMN 9	0.17	5807.92
COLUMN 10	0.17	5807.92
COLUMN 11	0.00	5807.75



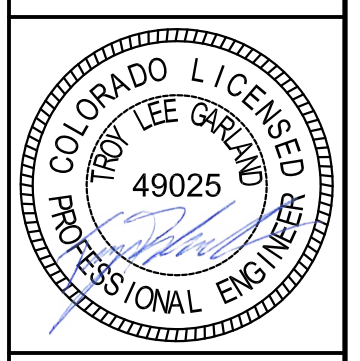
6" (150 MM) THICK CONCRETE SLAB WITH 6X6 W1.4XW1.4 WRR (IMPERIAL) CENTER IN SLAB
 SLAB UNDER STAIRS BASE PLATE AND ENTRANCE COLUMNS MUST BE AT SAME ELEVATION AS THE TOPS OF THE PIERS

LEGAL DESCRIPTION:
 LOT 4A, CROWN POINT FILING #1
 LOCATED IN A PORTION OF THE SW 1/4 OF SECTION 3,
 T6S, R66W, 6TH P.M., COUNTY OF DOUGLAS, STATE OF COLORADO

SITE ADDRESS: 18706 COTTONWOOD DR., PARKER, CO 80138
 PROJECT NAME: BOONDOCKS FOOD & BEVERAGE
 JOB NO: 1061
 DESCRIPTION: BOONDOCKS FOOD & BEVERAGE CUSTOM SKY TRAIL @ DISCOVERY WITH (1) 60° SKY SHAPE
 AUTHOR: RICHARD H. HARRIS, P.E.

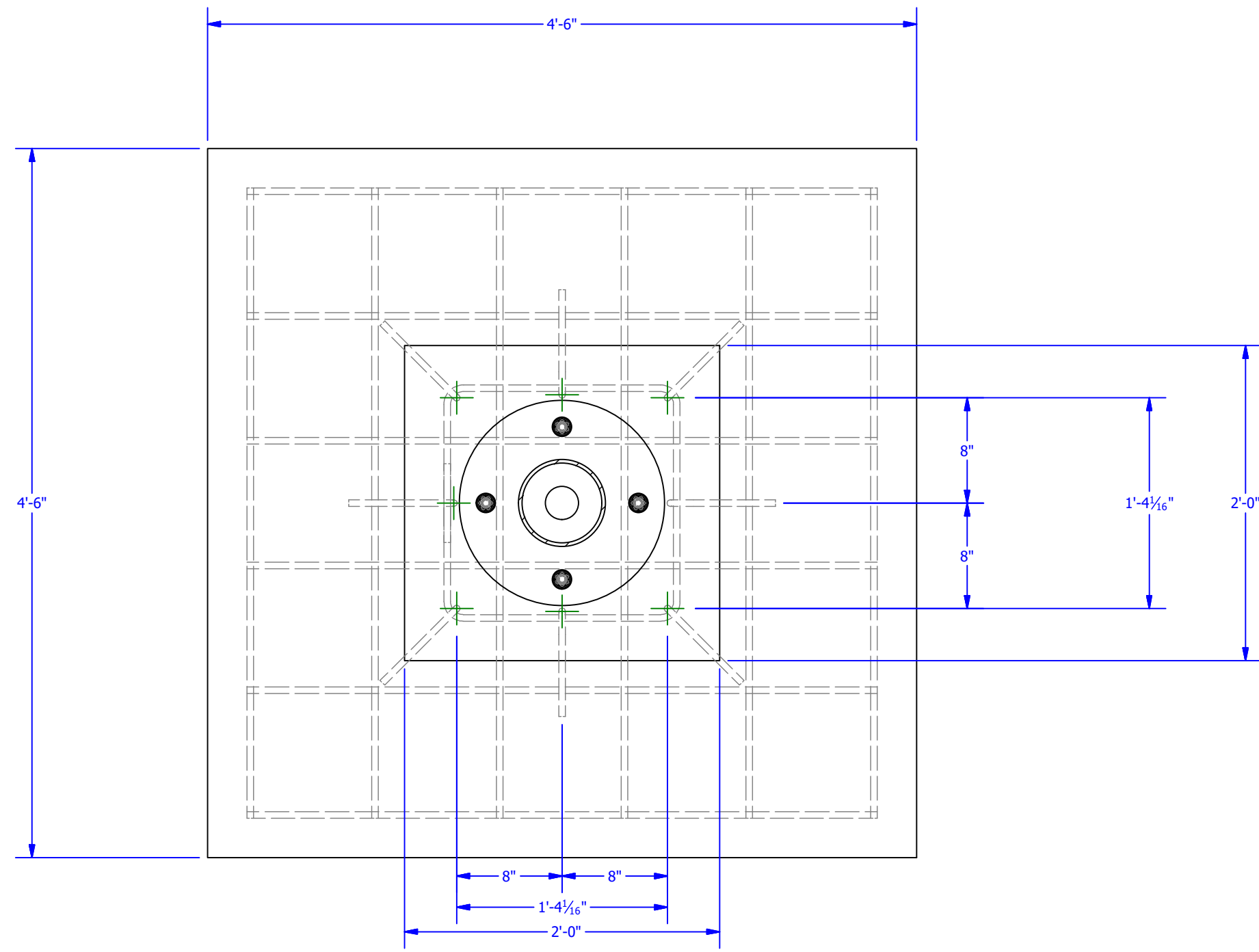
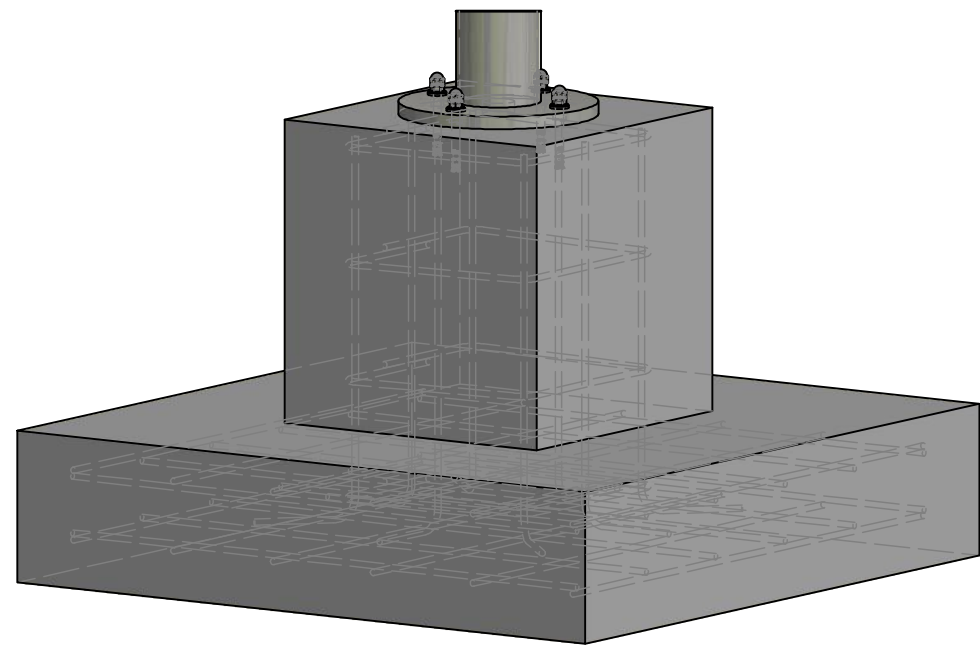


COURSE FOOTING LAYOUT

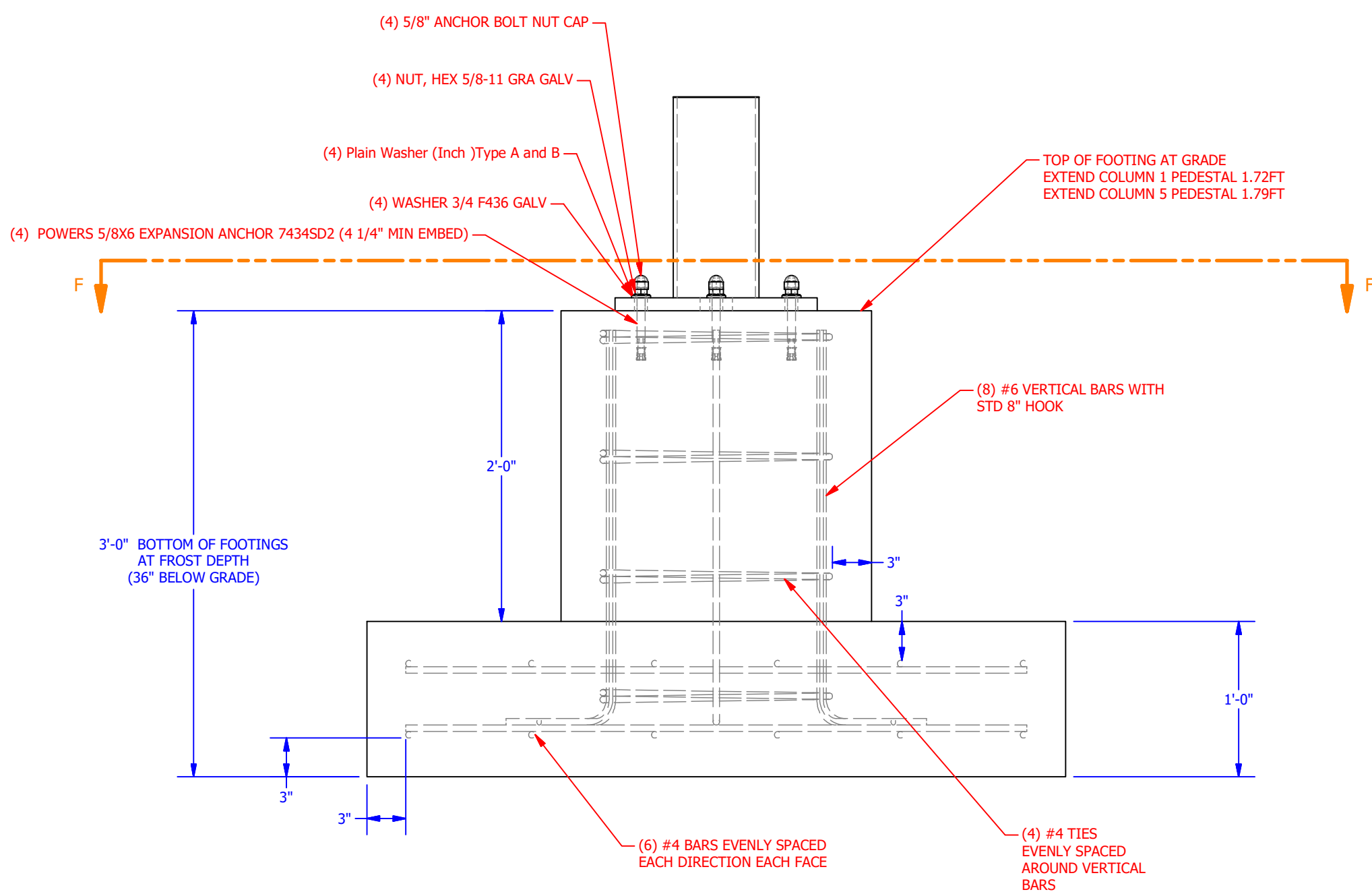


NOTES:

1. FOOTINGS ARE DESIGNED FOR A MAXIMUM VERTICAL BEARING PRESSURE OF 1,500 PSF (PER IRC 1804.2, LOWEST PRESUMPTIVE LOAD BEARING VALUE).
2. FOUNDATION BACKFILL SHOULD CONSIST OF THE EXISTING SANDY FILL OR GRANULAR IMPORT MATERIAL. BACKFILL SHOULD BE PLACED IN THIN, LOOSE LIFTS, MOISTURE CONDITIONED TO WITHIN 2% OF OPTIMUM MOISTURE CONTENT, AND COMPACTED TO AT LEAST 95% OF MAXIMUM MODIFIED PROCTOR DRY DENSITY.
3. CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
4. REINFORCEMENT SHALL BE GRADE 60 DEFORMED BARS.



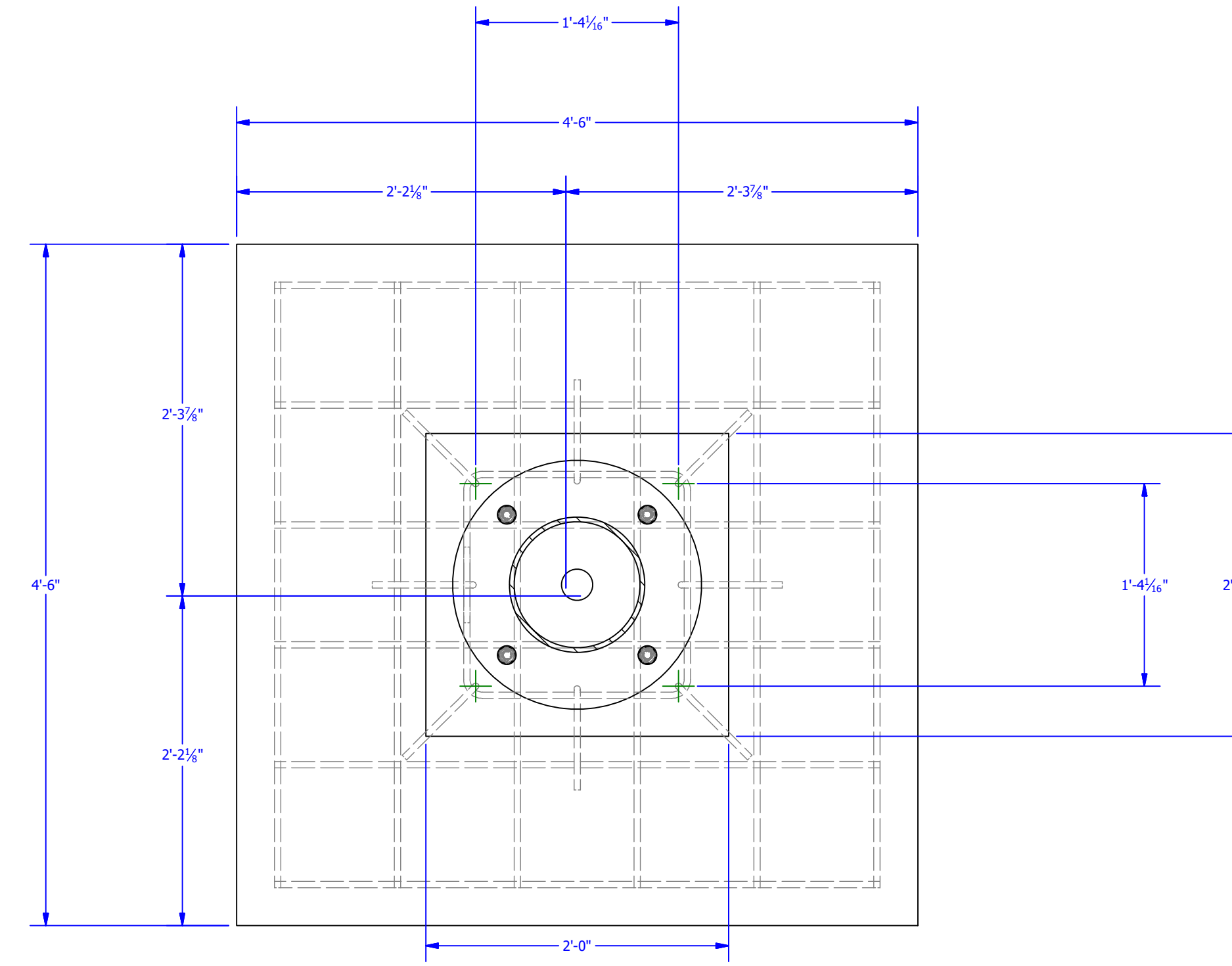
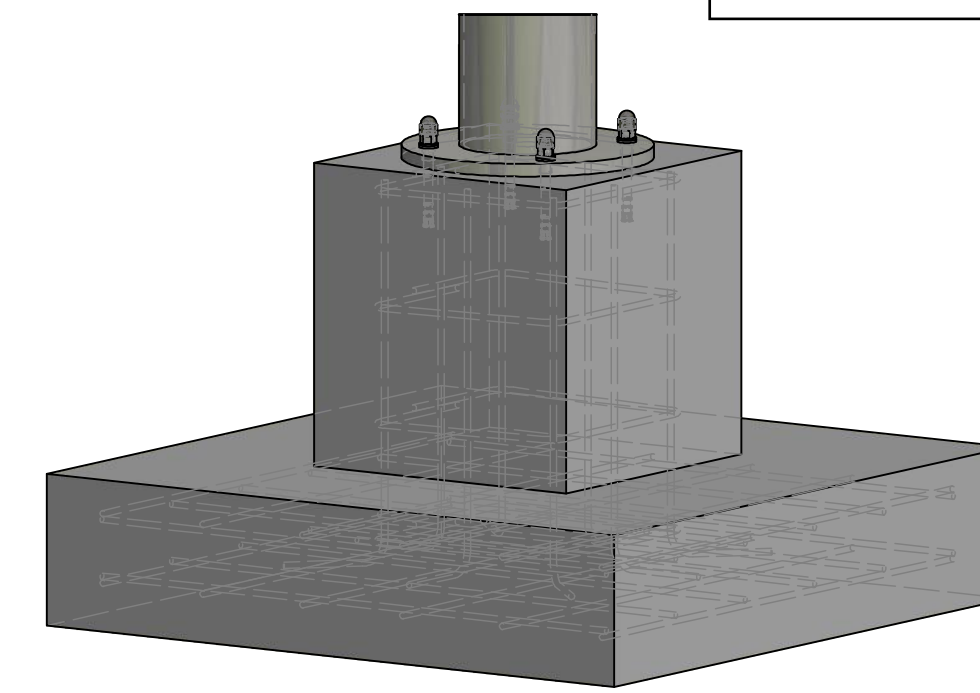
VIEW F-F
SCALE 1/10



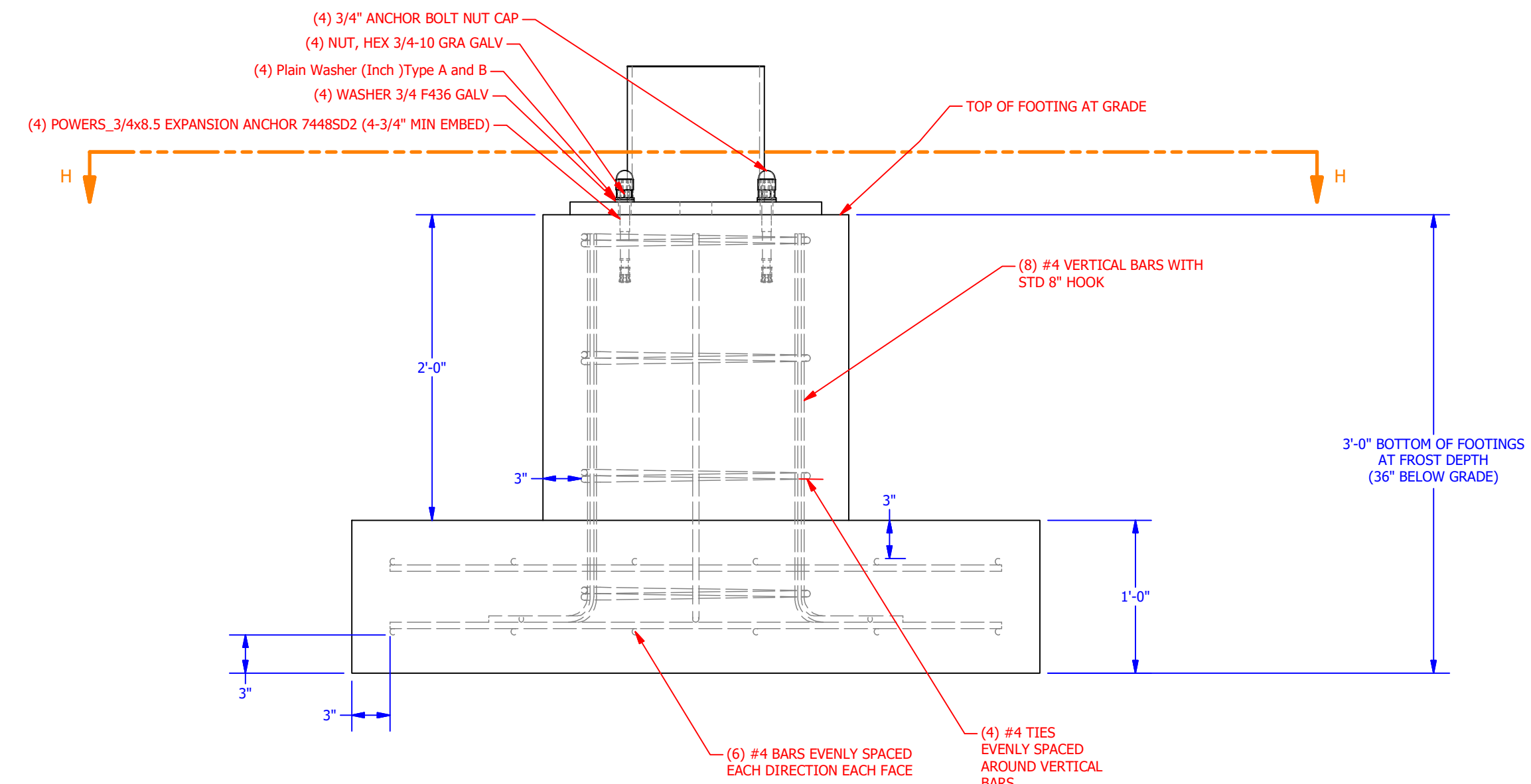
FT100 - MAIN COLUMN SPREAD FOOTING

LEGAL DESCRIPTION:

LOT 4A, CROWN POINT FILING #1
LOCATED IN A PORTION OF THE SW 1/4 OF SECTION 3,
T6S, R66W, 6TH P.M., COUNTY OF DOUGLAS, STATE OF COLORADO



VIEW H-H
SCALE 1/10



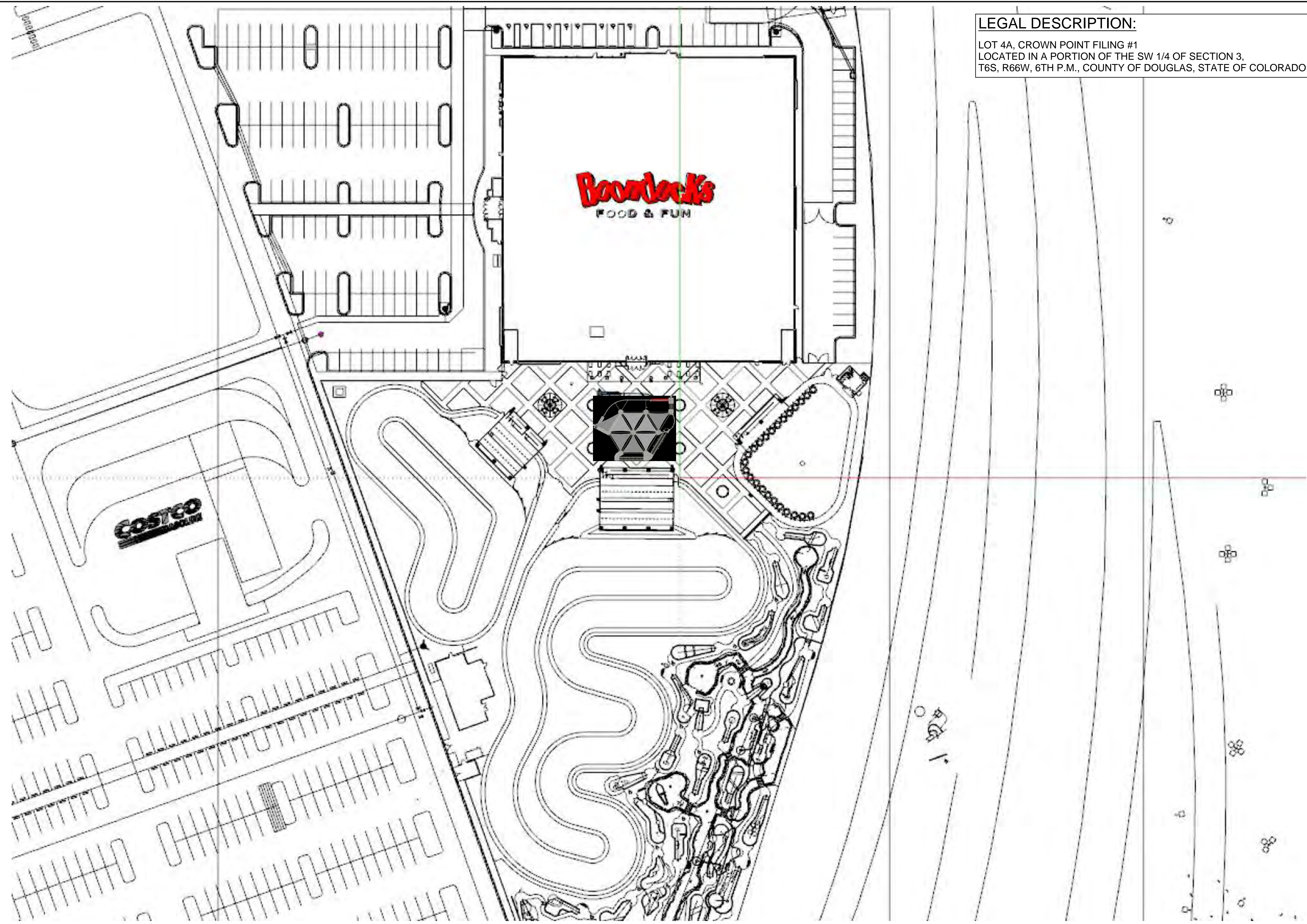
FT101 - SKY RAIL COLUMN SPREAD FOOTING

SHEET: 2.1
SITE ADDRESS: BOONDOCKS FOOD&FARM-PARKER 18706 COTTONWOOD DR. PARKER CO 80138, USA
JOB NO: 10615
PROJECT NAME: BOONDOCKS FOOD & FARM - PARKER
DESCRIPTION: 8 POLE 2 LEVEL CUSTOM SKY TRAIL@ DISCOVERY WITH (1) 60' SKY RAIL@ AND SUN SHADES
AUTHOR: ROSTAM
DATE: 09/09/2021
REV:



COURSE FOUNDATIONS DETAILS



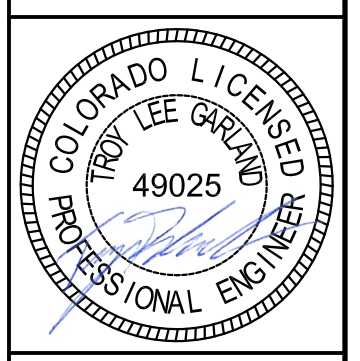


LEGAL DESCRIPTION:
 LOT 4A, CROWN POINT FILING #1
 LOCATED IN A PORTION OF THE SW 1/4 OF SECTION 3,
 T6S, R66W, 6TH P.M., COUNTY OF DOUGLAS, STATE OF COLORADO

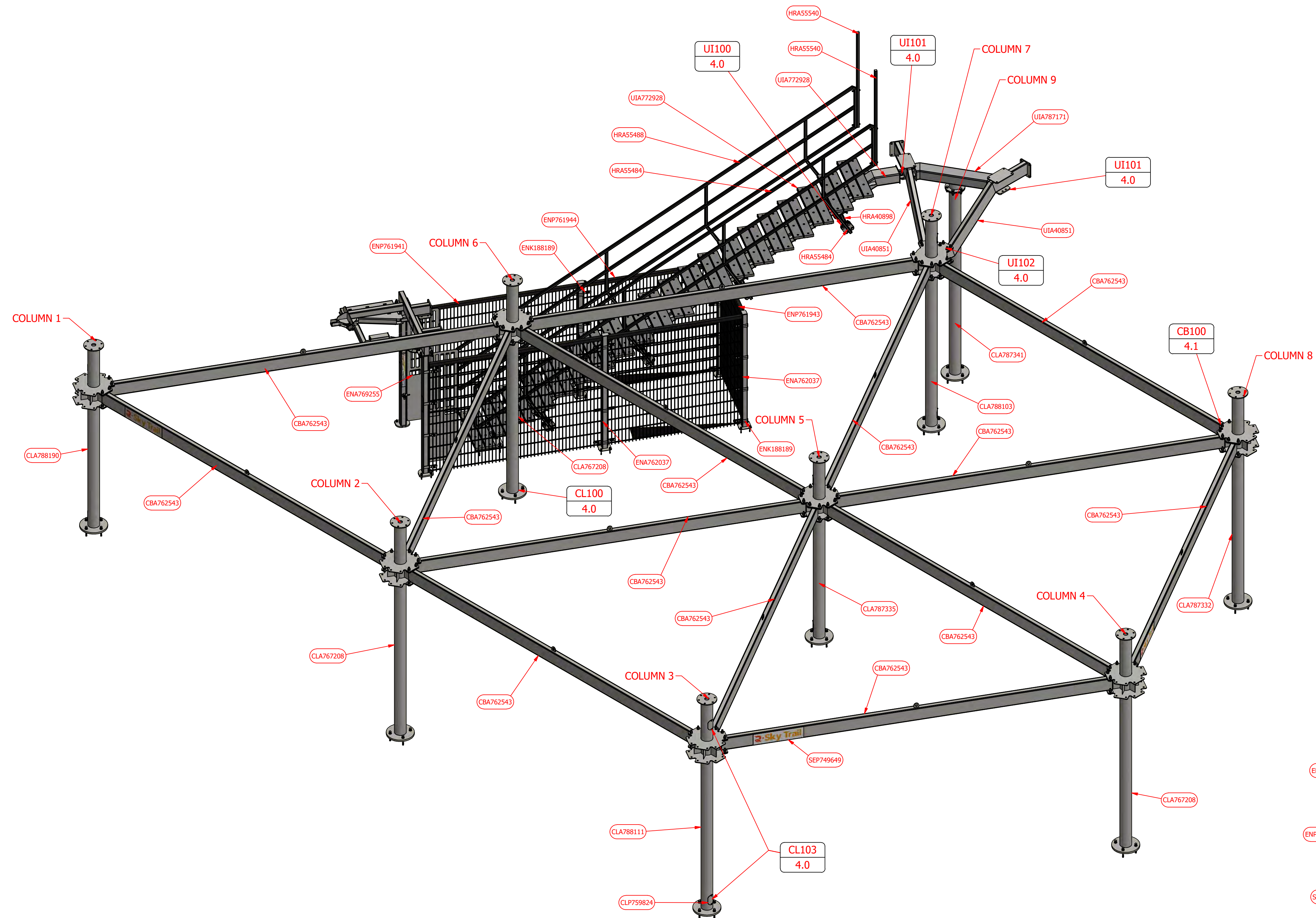
SHEET: 2.2
 SITE ADDRESS: BOONOCKS FOOD&FUN-PARKER 18706 COTTONWOOD DR, PARKER CO 80138, USA
 PROJECT NAME: BOONOCKS FOOD & FUN - PARKER
 JOB NO: 10615
 DESCRIPTION: 8 POLE 2 LEVEL CUSTOM SKY TRAIL® DISCOVERY WITH (1) 60' SKY RAIL® AND SUN SHADES
 AUTHOR: ROSTAM DATE: 11/23/2021 REV:



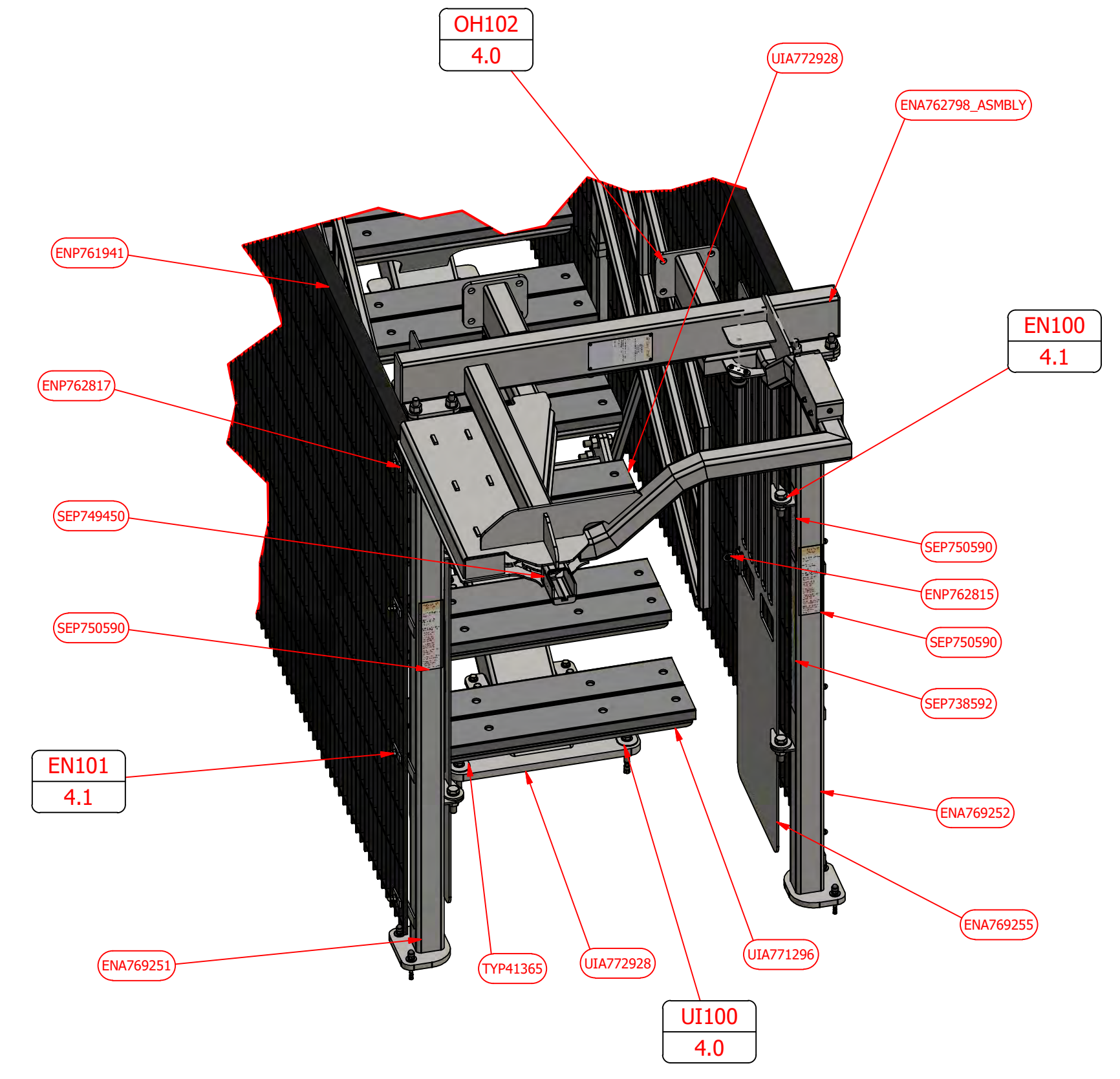
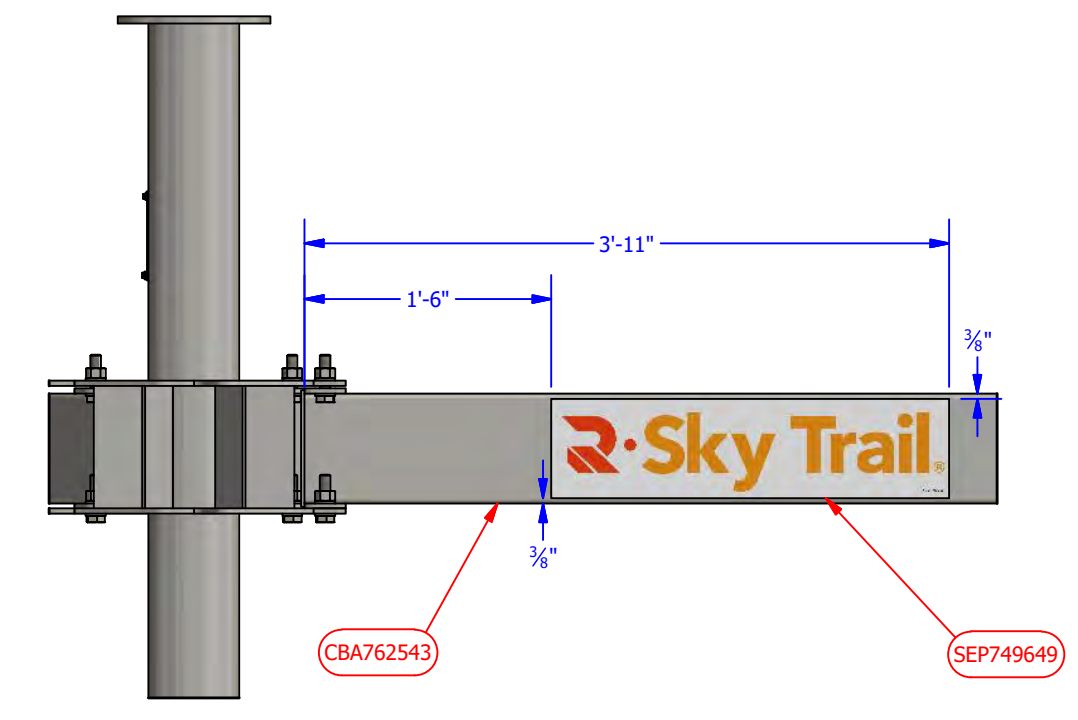
COURSE LOCATION



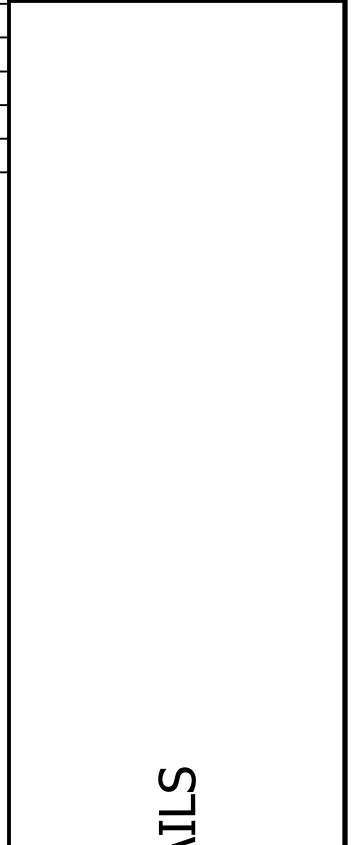
SHEET: 2.2



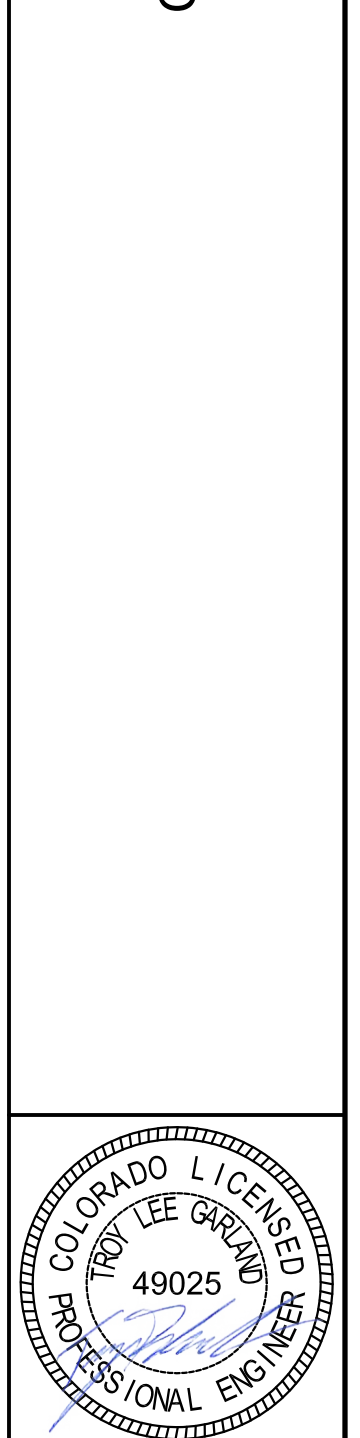
PARTS LIST			MASS
PART NUMBER	ITEM QTY	DESCRIPTION	
CB762543	14	DST - COMPRESSION BEAM WELDMENT_R2	260.9836 lbmass
CLA767208	3	NAV/DST - 6-WAY BOTTOM COLUMN WELDMENT	373.9656 lbmass
CLA787332	1	10615 - NAV/DST - 6-WAY BOTTOM COLUMN2 SHORTENED WELDMENT	371.6834 lbmass
CLA787325	1	10615 - NAV/DST - 6-WAY BOTTOM COLUMNS SHORTENED MOVED WIRE HOLE 120 DEGREE WELDMENT	237.7599 lbmass
CLA787341	1	10615 - INCLINE PORTAL COLUMN BTM SHORTENED WELDMENT	262.5226 lbmass
CLA788103	1	10615 - NAV - 5-WAY CORNER INCLINE BOTTOM COLUMN7 SHORTENED MOVED WIRE HOLE WELDMENT_R1	375.8297 lbmass
CLA788111	1	10615 - NAV/DST - 6-WAY BOTTOM COLUMN3 SHORTENED MOVED WIRE HOLE WELDMENT_R1	369.5210 lbmass
CLA788190	1	10615 - NAV/DST - 6-WAY BOTTOM COLUMN SHORTENED MOVED WIRE HOLEWELDMENT R3 MIR	339.0912 lbmass
CLP759824	8	PLT11GAX6.5X4.1875 A36 5397 - HAND HOLD CAP	.8344 lbmass
ENA762037	4	RCI - 6' FENCE COLUMN WELDMENT	34.2814 lbmass
ENA762798_ASMBLY	1	DST - 2018 SAFE ENTRANCE - ASSEMBLY_MECHANICAL	327.9649 lbmass
ENA769251	1	NAV/DST - LEFT ENTRANCE COLUMN WELDMENT (WITH FENCE TABS)	91.0985 lbmass
ENA769252	1	NAV/DST - RIGHT ENTRANCE COLUMN WELDMENT (WITH FENCE TABS)	91.0985 lbmass
ENA769255	2	SIMPLE HINGE - ENT DOOR UNIVERSAL WELDMENT	67.7855 lbmass
ENK188189	32	3" UNIVERSAL COLLAR BRACKET ATTACHMENT - BLACK KIT C-CUNI3KBK	1.0203 lbmass
ENP761941	2	OMEGA SECUR FENCE PANEL 6' with 2" tube x 99" BLACK	18.2258 lbmass
ENP761943	1	OMEGA SECUR FENCE PANEL 6' with 2" tube x 47.47" BLACK	8.7576 lbmass
ENP761944	2	OMEGA SECUR FENCE PANEL 6' with 2" tube x 77" BLACK	14.2203 lbmass
ENP762815	2	PLT114X3 1/2X3 A36 LATCH PLATE	.4158 lbmass
ENP762817	8	PLT114X3 1/2X3 A36 OMEGA II RETAINING PLATE FOR ENTRANCE CD	.1994 lbmass
HRA40898	4	GUARD FRAME CROSS ARM WELDMENT	32.6647 lbmass
HRA55484	1	NAV/DST - RIGHT GUARD FRAME WELDMENT	289.5265 lbmass
HRA55488	1	NAV/DST - LEFT GUARD FRAME WELDMENT	289.5265 lbmass
HRA55540	2	CATCH POLE WELDMENT	16.2999 lbmass
SEP738592	2	1/16"X22 1/2X3 1/2" SRS ADJUSTMENT STICKER	.0378 lbmass
SEP749450	2	WARNING STICKER FOR TRACK ENTRANCE	.0003 lbmass
SEP749649	5	SKY TRAIL BRANDING STICKER	.6760 lbmass
SEP750590	4	PRE-FLIGHT STICKER WITH SKY RAIL (ENTRANCE COLUMN SHAPE)_R1	.0011 lbmass
TYP41365	4	PLT11GAX3X2.5 A36 SLOTTED HOLE ANCHOR WASHER	2.002 lbmass
UIA40851	2	NAV/DST LOWER UNDER INCLINE ARM WELDMENT	107.9204 lbmass
UIA771296	2	DST - FIRST STEP SUB ASSEMBLY	49.8183 lbmass
UIA772928	1	DST - GR UI STAIRS ASSEMBLY_R1	1643.3340 lbmass
UIA787171	1	10615 - UI SUPPORT HORIZONTAL WELDMENT	122.3753 lbmass



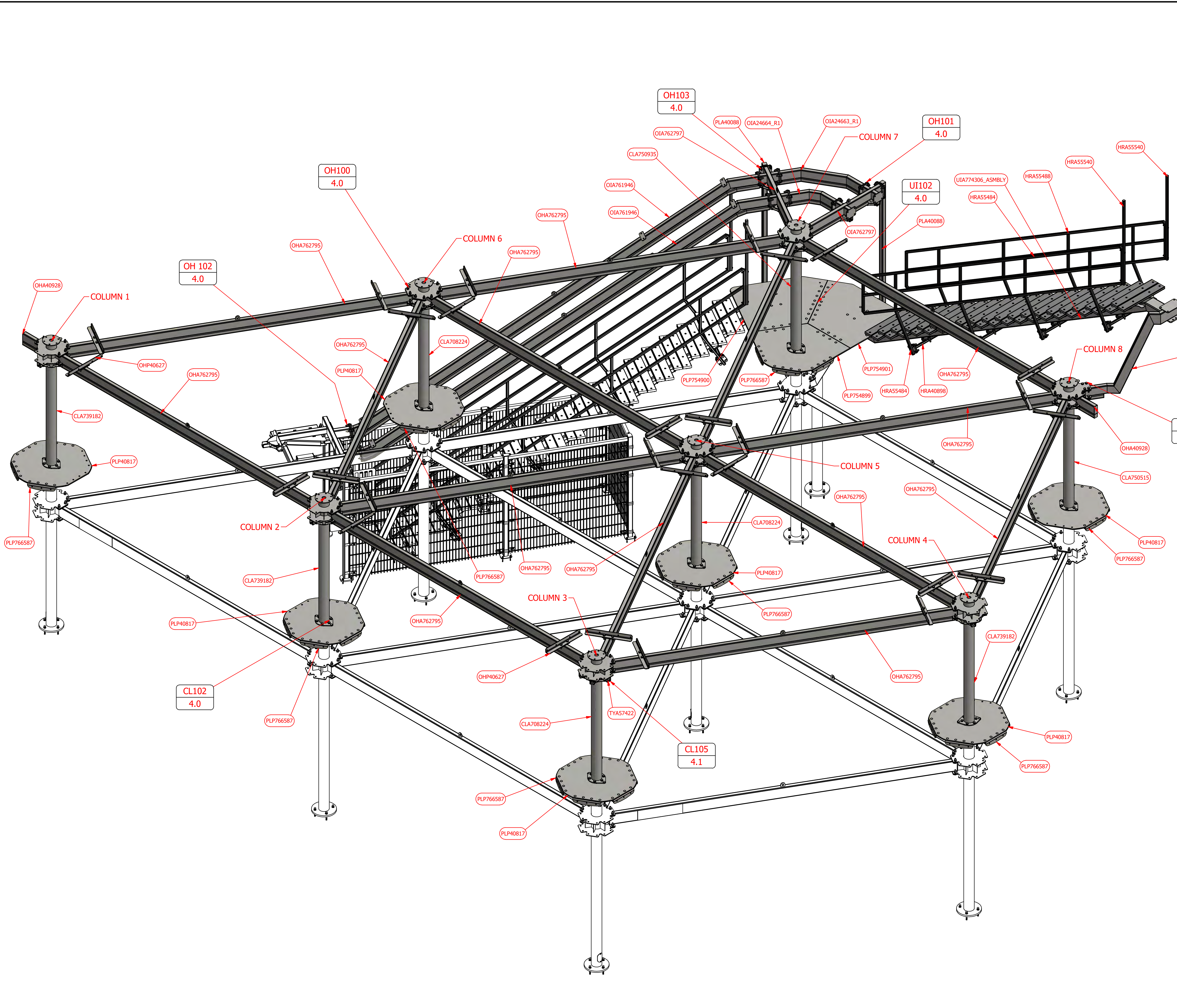
SHEET: 13
 PROJECT NAME: BOONDOCKS FOOD
 CO 80139, USA
 SITE ADDRESS: BOONDOCKS FOOD IN PARKER
 18706 COTTONWOOD DR, PARKER
 JOB NO: 10615
 PROJECT NAME: BOONDOCKS FOOD
 & ELEM - PARKER
 DESCRIPTION: 8 POLE 2 LEVEL CUSTOM SKY TRAIL @ DISCOVERY
 WITH (1) 60P SKY RAIL @ AND SUN SHADES
 AUTHOR: ROSTAM
 DATE: 11/23/2021
 REV:



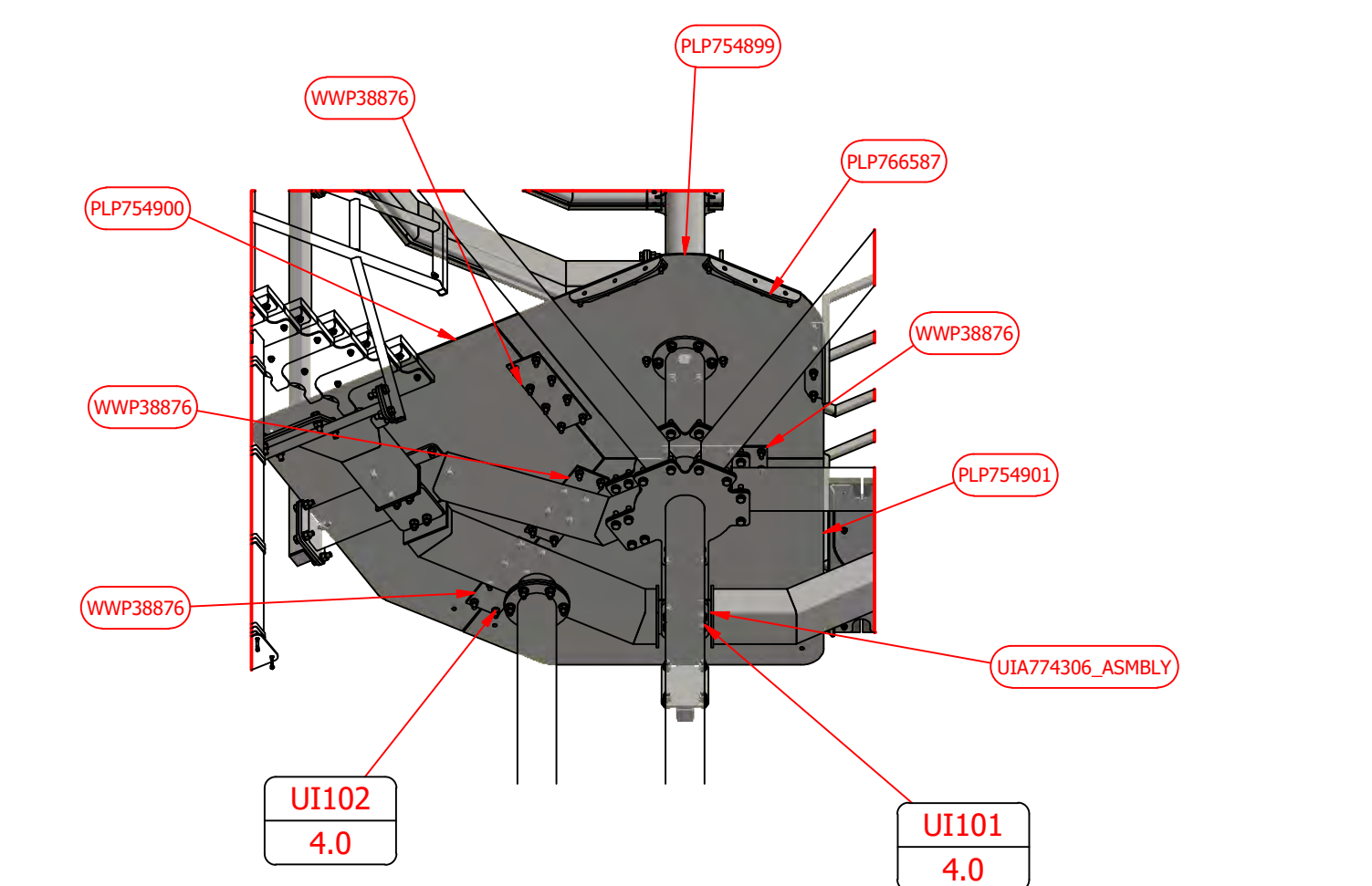
GROUND LEVEL FRAME DETAILS



SKY TRAIL BRAND COURSE STICKER DETAIL



LEVEL 1 PARTS LIST			
PART NUMBER	ITEM QTY	DESCRIPTION	MASS
CLA708224	3	NAV/DST - 6-WAY TOP COLUMN WELDMENT	276.4940 lbmass
CLA739182	3	NAV/DST - 5-WAY TOP COLUMN WELDMENT	272.7829 lbmass
CLA750515	1	DST - 6-WAY TOP COLUMN TYPE C WELDMENT	282.2186 lbmass
CLA750935	1	NAV/DST - 5-WAY TOP COLUMN TYPE D WELDMENT	272.7827 lbmass
HRA40898	4	GUARD FRAME CROSS ARM WELDMENT	32.6647 lbmass
HRA55484	1	NAV/DST - RIGHT GUARD FRAME WELDMENT	289.5265 lbmass
HRA55488	1	NAV/DST - LEFT GUARD FRAME WELDMENT	289.5265 lbmass
HRA55540	2	CATCH POLE WELDMENT	16.2999 lbmass
OHA40928	2	NAV/DST ETIK ARM WELDMENT	29.6591 lbmass
OHA762795	14	DST - OVERHEAD BEAM WELDMENT	364.0000 lbmass
OHP40627	28	PLT3/8"x30"x5 3/8" A36 FORMED EOB ANGLE	16.8382 lbmass
OIA24663_R1	1	NAV2 - INCLINE PLATFORM OH CONNECTION OUTER WELDMENT	105.1827 lbmass
OIA24664_R1	1	NAV2 - INCLINE PLATFORM OH CONNECTION INNER WELDMENT R1	66.9033 lbmass
OIA761946	2	NAV/DST OVER INCLINE WELDMENT	306.1632 lbmass
OIA762797	2	NAV/DST OVER INCLINE ARM WELDMENT	163.9887 lbmass
PLA40888	2	NAV2 - INCLINE PORTAL COLUMN WELDMENT	78.5759 lbmass
PLP40817	7	PLT1/2"x50 13/16"x47 1/2" A36 NAV/DST - 6-WAY PLATFORM PLATE	266.5215 lbmass
PLP754899	1	PLT1/2"x56 5/16"x49 1/4" A36 NAV - Platform_TypeG_R0	294.5221 lbmass
PLP754900	1	PLT0.5X61.6875X49.875 A36 NAV - Platform_TypeH_R0	354.4598 lbmass
PLP754901	1	PLT1/2"x61 11/16"x49 7/8" A36 NAV - Platform_TypeH_R0	354.4598 lbmass
PLP766587	39	PLT1/2"x18"x6 5/16" A36 STDCOMP - ELEMENT FACE ANGLE_R2	14.5226 lbmass
TYA57422	25	TRACK BLOCK OFF KIT	.9494 lbmass
UIA774306_ASMBLY	1	DST - ROPE RAILS UI ASSEMBLY_R2	1691.4620 lbmass
UIA788172	1	10615 - UI ARM TOP LVL RIGHT WELDMENT	187.3619 lbmass
WWP38876	4	PLT0.375X18X6.25 A36 IHANGWALK - COL PLAT LAP PLATE	11.6633 lbmass



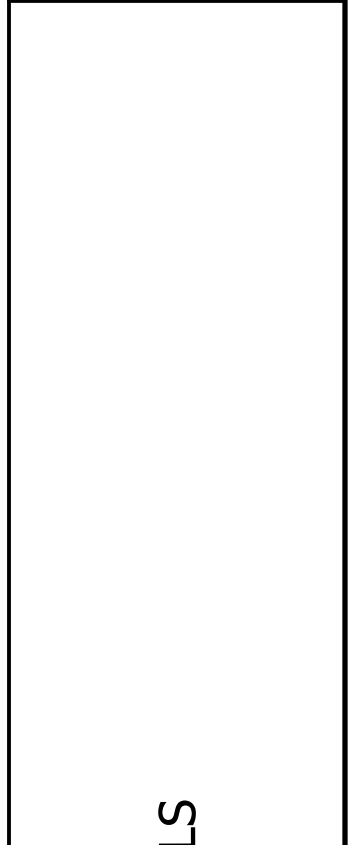
SHEET: 3.2

PROJECT NAME: BOONDOCKS FOOD TRAIL
 18706 COTTONWOOD DR. PARKER CO 80138, USA

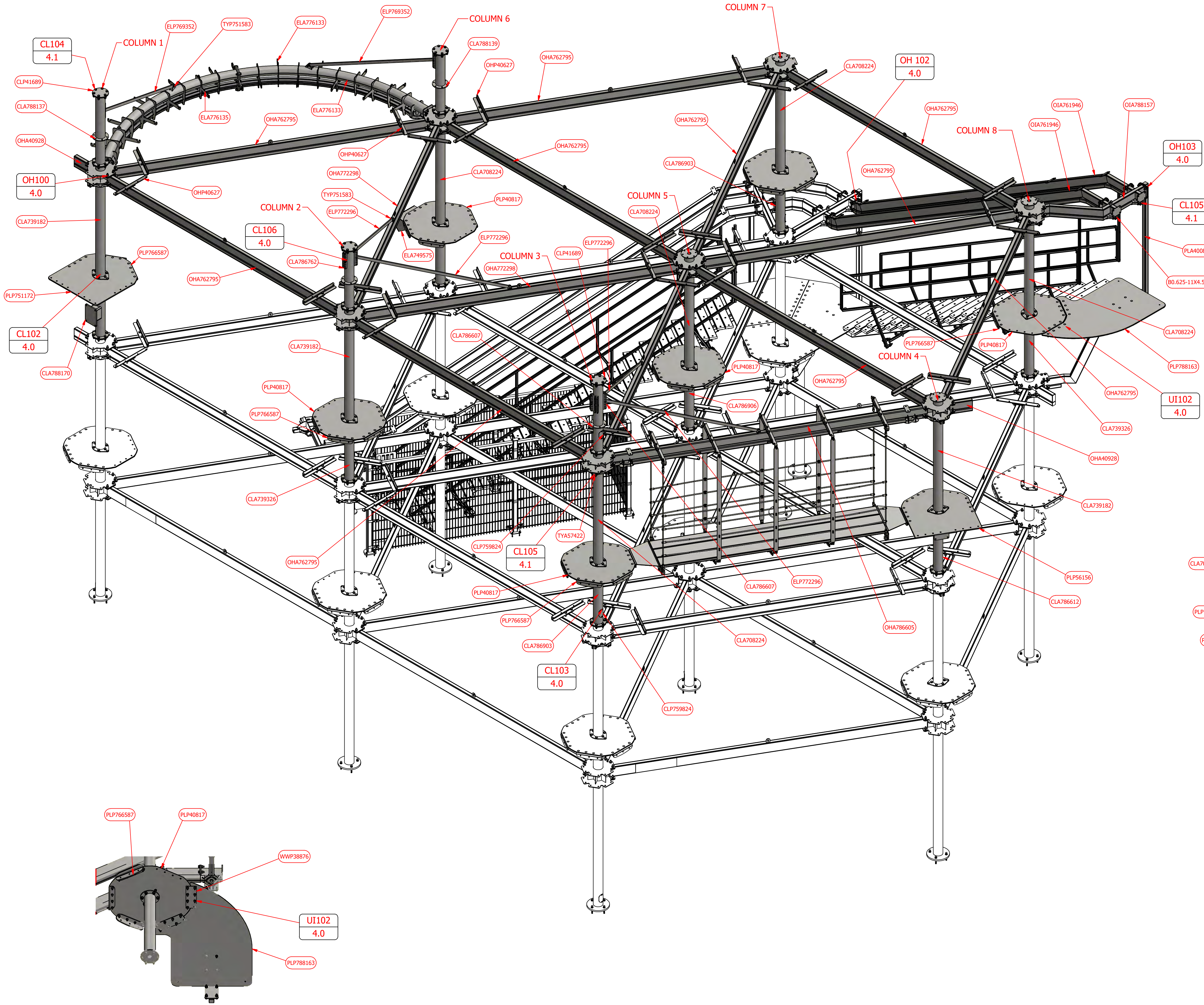
JOB NO: 10615
 ADVANTURE PRODUCTS
 277 North St. Almont, CO 80510
 www.advanture.com

DESCRIPTION: 8 POLE 2 LEVEL CUSTOM SKY TRAIL@ DISCOVERY WITH (1) 60P SKY RAIL@ AND SUN SHADES

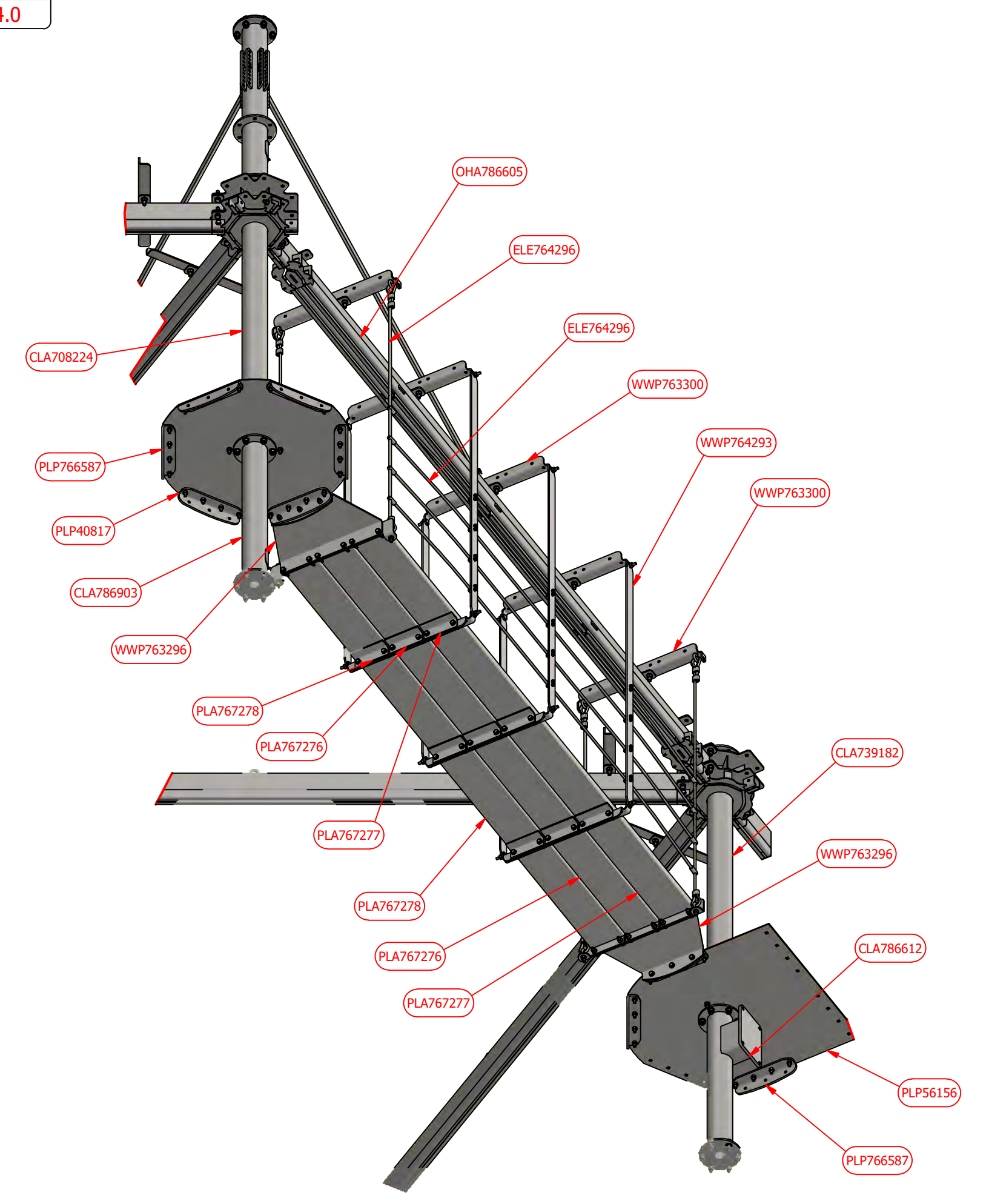
AUTHOR: ROSTAM DATE: 11/23/2021 REV:



FIRST LEVEL FRAME DETAILS



LEVEL 1 PARTS LIST			
PART NUMBER	ITEM QTY	DESCRIPTION	MASS
B0.625-11X4.5A325G	2	BOLT 5/8-11X4 1/2 A325 GALV	5141 lbmass
CLA788224	5	NAV/DST - 6-WAY TOP COLUMN WELDMENT	276.4940 lbmass
CLA799182	3	NAV/DST - 5-WAY TOP COLUMN WELDMENT	272.7829 lbmass
CLA799326	3	NAV - MIDCOL_EXTENSION_TYPERA - WELDMENT_RD	102.1921 lbmass
CLA786607	1	NAV - MIDCOL_EXTENSION_SKYRAILLUG_HANGER - WELDMENT_RD	151.8764 lbmass
CLA786612	1	10615 - MID COLUMN SR STUB WELDMENT	153.7533 lbmass
CLA786762	1	NAV - MIDCOL_EXTENSION_SKYRAILLUG_TYPERA_SUN SHADE - WELDMENT_R1	132.2323 lbmass
CLA786903	2	10615 - NAV - MIDCOL_EXTENSION_MOVED WIRE HOLE - WELDMENT	101.1109 lbmass
CLA786906	1	10615 - NAV - MIDCOL_EXTENSION_MOVED WIRE HOLE1200 - WELDMENT	101.1109 lbmass
CLA788137	1	10615 - MID COL EXT FOR ROLLER RAIL TYPE A AND SUN SHADE - WELDMENT	130.1150 lbmass
CLA788139	1	DST2020 - MID COL EXT FOR ROLLER RAIL TYPE D AND SUN SHADE - WELDMENT_R1	117.7247 lbmass
CLA788170	1	10615 - MID COL_EXTENSION_W SR STUB LANDING_R1	152.6721 lbmass
CLP41689	4	PLT1/2"x50 13/16"x47 1/2" A36 NAV/DST - 6-WAY PLATFORM PLATE	6.6798 lbmass
CLP759824	6	PLT11GAX6 5/4 1875 A36 5397 - HAND HOLD CAP	8344 lbmass
ELA749575	2	DST2-E147 - ROLLER RAIL ANGLE FACE WELDMENT_R1	88.4975 lbmass
ELA776133	2	DST - CURVED ROLLER RAIL WELDMENT	396.8811 lbmass
ELA776135	1	DST - CURVED ROLLER RAIL OPPOSITE WELDMENT	396.8811 lbmass
ELP764296	2	HRF3/4"x2" A36 DST2020 - ROLLER RAIL TENSION BAR_RD	47.2647 lbmass
ELP772296	4	PLT3/4"x119 9/16"x2" A36 DST2020 - BACK TENSION BAR_RD	50.6092 lbmass
OHA40928	2	NAV/DST ETK ARM WELDMENT	29.6591 lbmass
OHA762795	10	DST - OVERHEAD BEAM WELDMENT	364.0000 lbmass
OHA772298	3	DST - OVERHEAD BEAM WELDMENT	364.0000 lbmass
OHA786605	1	DST - TWO-WAY OVERHEAD WELDMENT WITH LUG	557.9132 lbmass
OHP40627	26	PLT3/8"x30"x5 3/8" A36 FORMED EOB ANGLE	16.8382 lbmass
OIA761946	2	NAV/DST OVER INCLINE WELDMENT	306.1632 lbmass
OIA788157	1	DST - OI ARM TYPE F WELDMENT MIR	189.2881 lbmass
PLA40088	1	NAV2 - INCLINE PORTAL COLUMN WELDMENT	78.5759 lbmass
PLA767276	1	WW - FLOOR BEAM 2 WELDMENT	219.1035 lbmass
PLA767277	1	WW - FLOOR BEAM 3 WELDMENT	217.7463 lbmass
PLA767278	1	WW - FLOOR BEAM 1 WELDMENT	217.7463 lbmass
PLP40817	6	PLT1/2"x50 13/16"x47 1/2" A36 NAV/DST - 6-WAY PLATFORM PLATE	266.5215 lbmass
PLP56156	1	PLT1/2"x53 9/16"x47 1/2" A36 NAV/DST - 5-WAY PLATFORM PLATE	321.2465 lbmass
PLP751172	1	PLT1/2"x53 9/16"x47 1/2" A36 NAV/DST - 5-WAY PLATFORM PLATE	320.3017 lbmass
PLP766587	34	PLT1/2"x18"x6 5/16" A36 STDCOMP - ELEMENT FACE ANGLE_R2	14.5226 lbmass
PLP788163	1	PLT1/2"x85 13/16"x59 5/8" A36 8444 - STAIRS PLATFORM LEFT	462.1035 lbmass
TYA57422	27	TRACK BLOCK OFF KIT	9494 lbmass
TYP751583	15	STEEL CLEVIS PIN WITH COTTER PIN, 3/4" DIA, 2 1/2" LONG	.0500 lbmass
WWP38876	2	PLT0.375X18X6.25 A36 IHANGWALK - COL PLAT LAP PLATE	11.6633 lbmass
WWP763296	2	PLT3/8"x23 11/16"x30 1/4" A36 WW-PLATFORM TRANS P	59.6439 lbmass
WWP763300	8	PLT3/8"x41 15/16"x5 3/8" A36 WW-LOWER SUPPORT A	20.7615 lbmass
WWP764293	6	PLT3/8"x88 7/8"x3" A36 WW-HANGER PLATE	27.6353 lbmass



SHEET: 3.3

PROJECT NAME: BOONDOCKS FOOD COURT PARKER

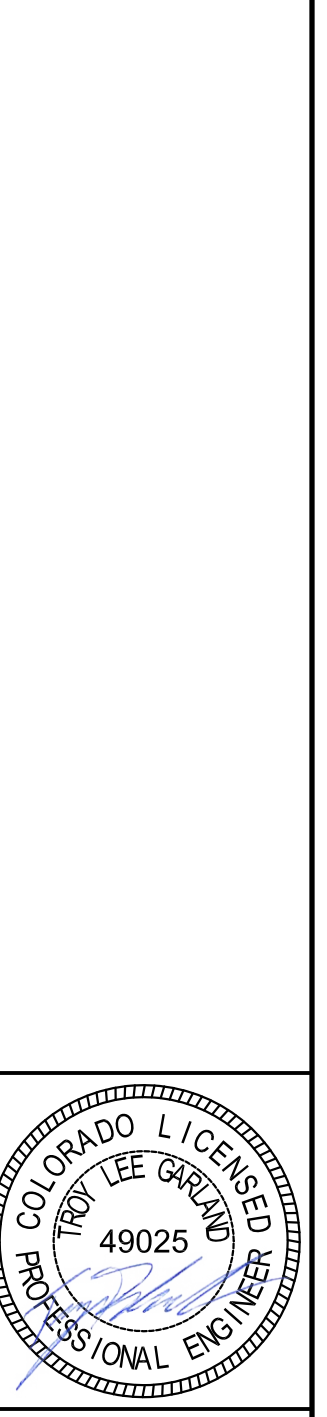
DESCRIPTION: 8 POLE 2 LEVEL CUSTOM SKY TRAIL@ DISCOVERY WITH (1) 60P SKY RAIL@ AND SUN SHADES

AUTHOR: ROSTAM DATE: 11/2/2021 REV:



BOONDOCKS FOOD COURT PARKER
18706 COTTONWOOD DR. PARKER
CO 80138, USA

SECOND LEVEL FRAME DETAILS



SHEET: 3.3

LEVEL 1 PARTS LIST			
PART NUMBER	ITEM QTY	DESCRIPTION	MASS
CLA755186	1	4583 - SHORT SAIL POST WELDMENT	58.6078
CLA759021	1	6921 - TALL SAIL POST WITH SHORT CONN RING WELDMENT	123.9424
CLA786772	1	10615 - SAIL POST SR SUN SHADE WELDMENT	107.8653
CLA786910	1	10615 - TALL SAIL POST WITH SHORT CONN RING AND MOVED WIRE HOLE WELDMENT	122.8612
CLA786916	1	10615 - TALL SAIL POST WITH SHORT CONN RING AND MOVED WIRE HOLE120D WELDMENT	122.8612
CLP41689	4	PLT1/4"X11 1/8"X11 1/8" A36 P6 COLUMN SPLICE PLATE CAP	6.6798
SSP758951	7	HDPE COMMERCIAL 95 SHADE 232X204.125	63.6406
SSP788197	1	DST SR TRIANGLE SHADE 224.625X144.6875	53.6201

SHEET: 3.5

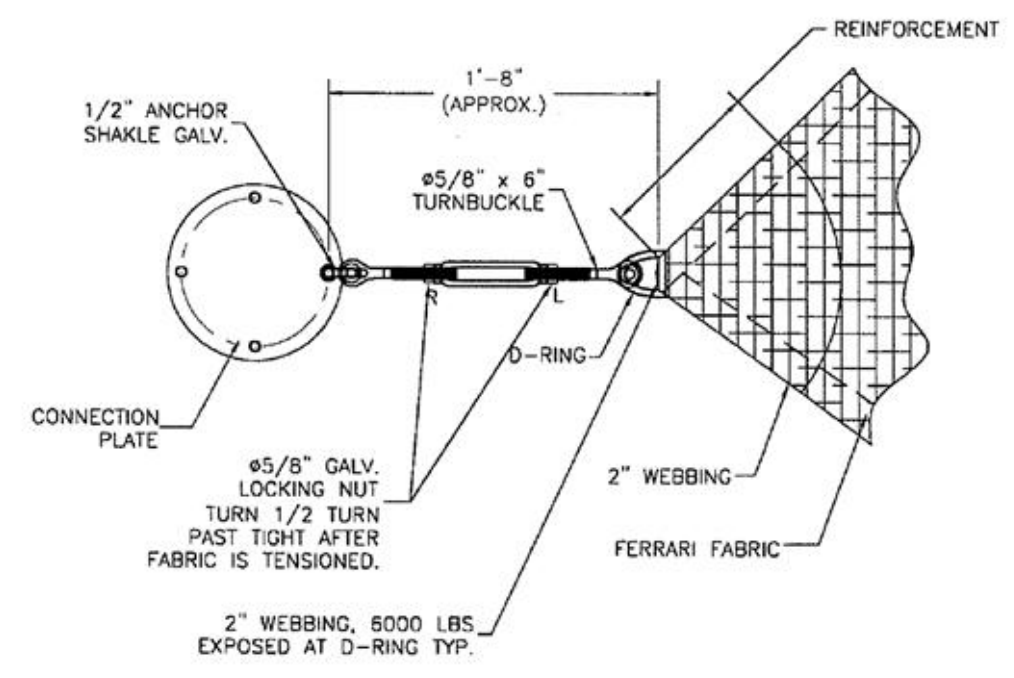
BOONDOCKS FOOD&BEV-PARKER
18706 COTTONWOOD DR. PARKER
CO 80138, USA

PROJECT NAME: BOONDOCKS FOOD
& BEV - PARKER

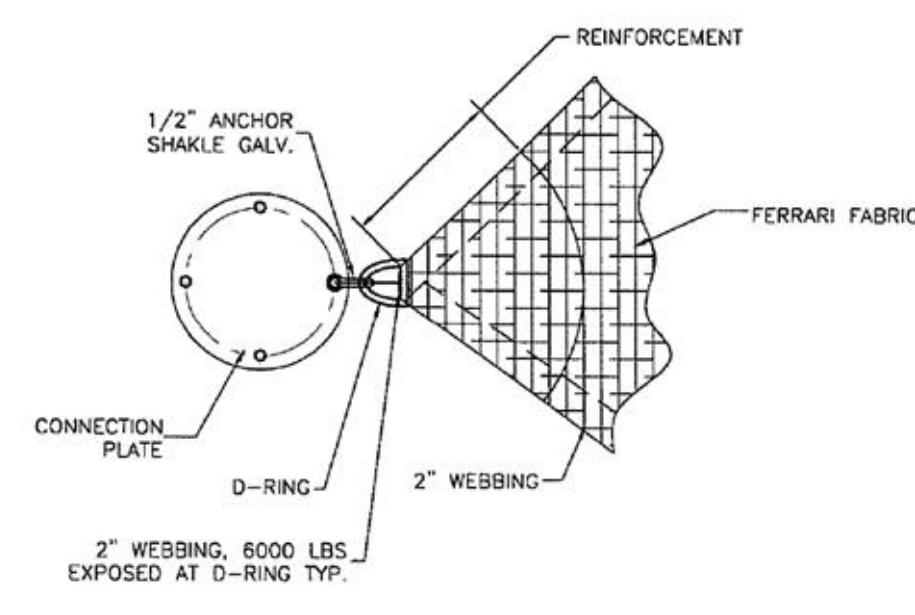
JOB NO: 10615

DESCRIPTION: 8 POLE 2 LEVEL CUSTOM SKY TRAIL@ DISCOVERY
WITH (1) 60P SKY RAIL@ AND SUN SHADES

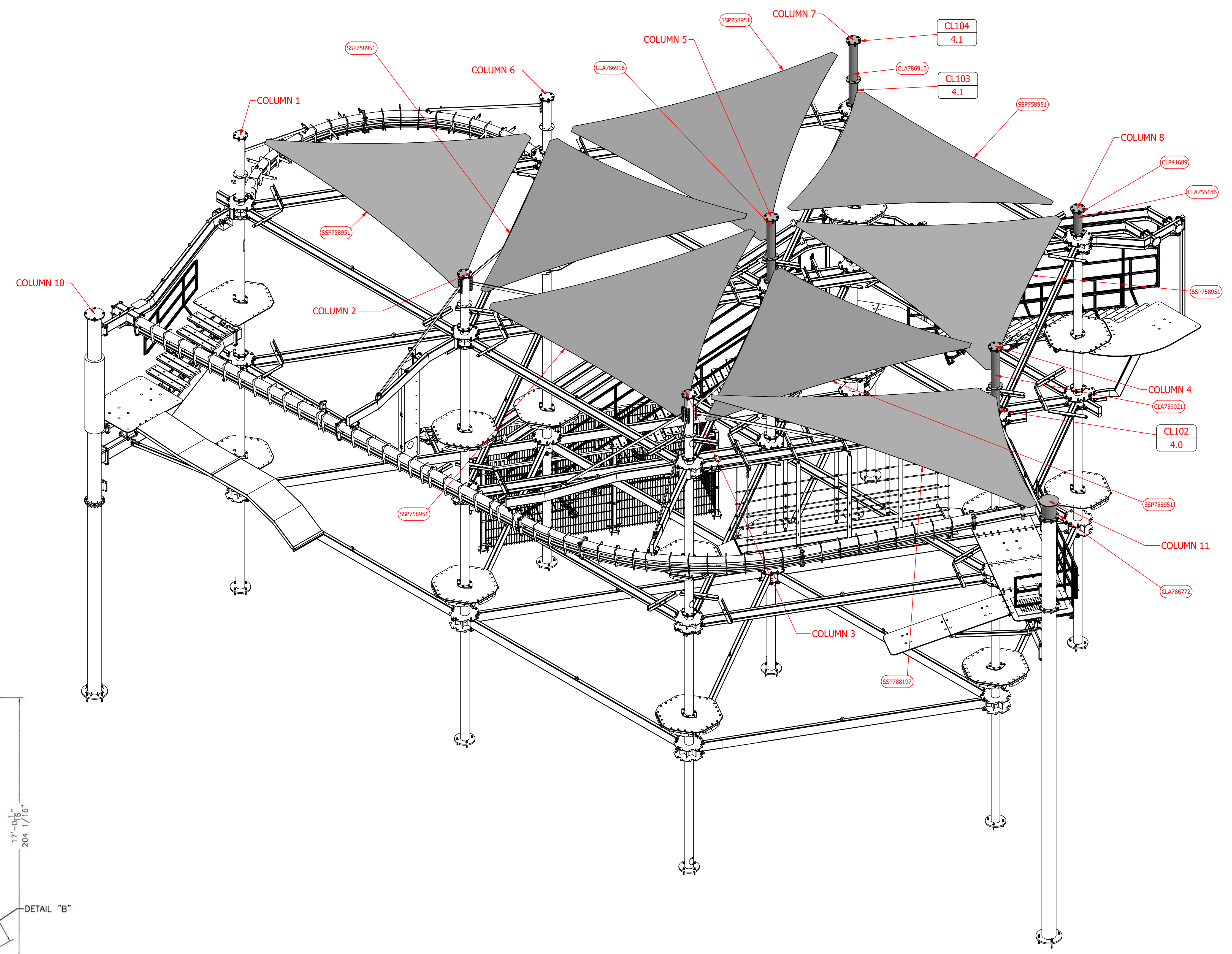
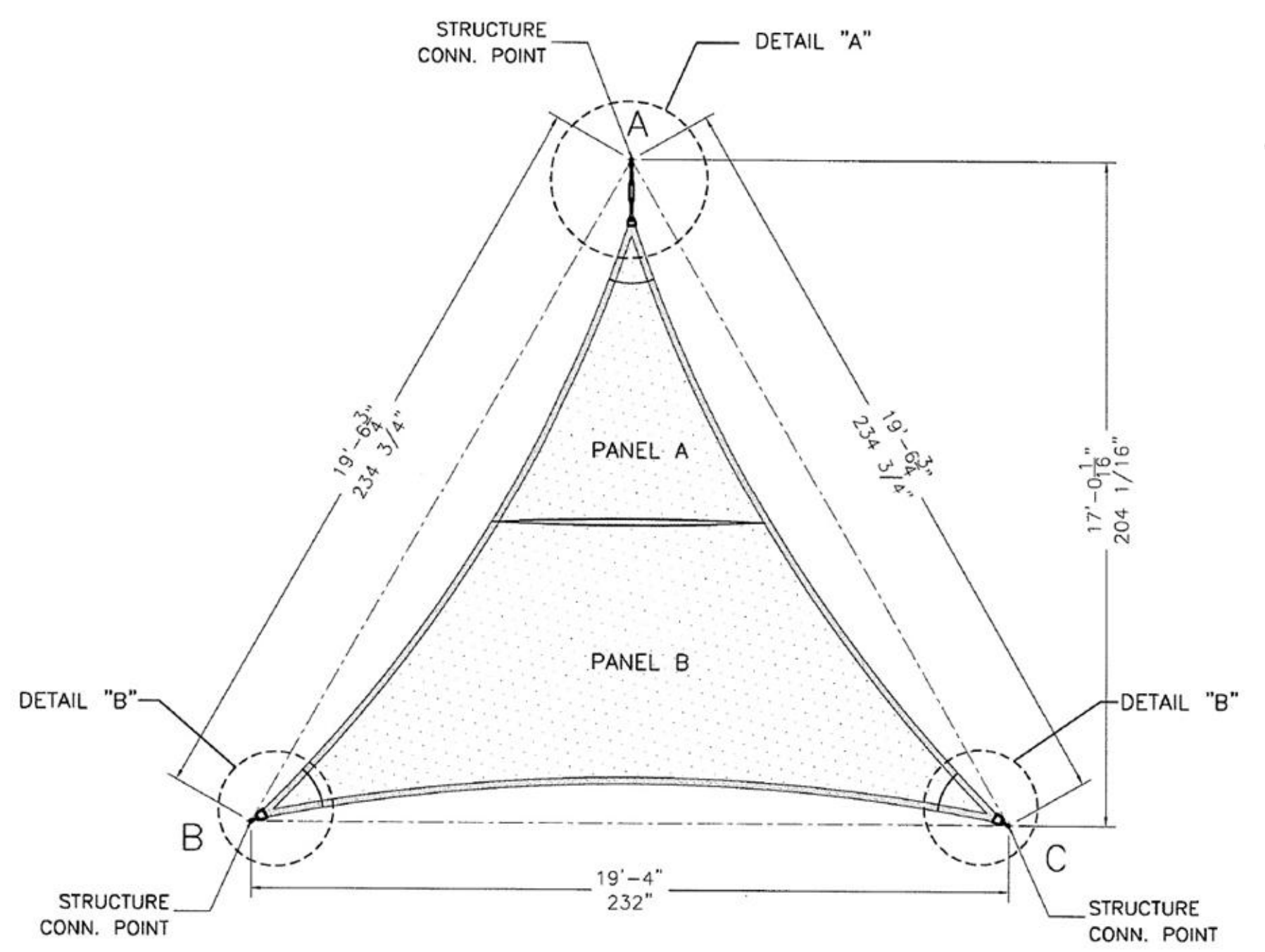
AUTHOR: ROSTAM DATE: 11/23/2021 REV:



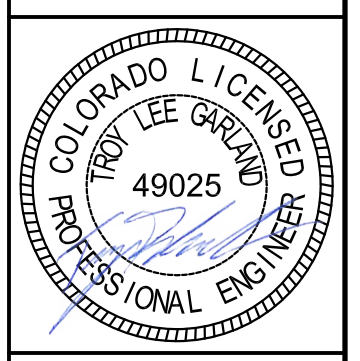
1 TURNBUCKLE CORNER CONNECTION DETAIL A
SCALE: NTS = 1"-0"
RE DWG: N/A

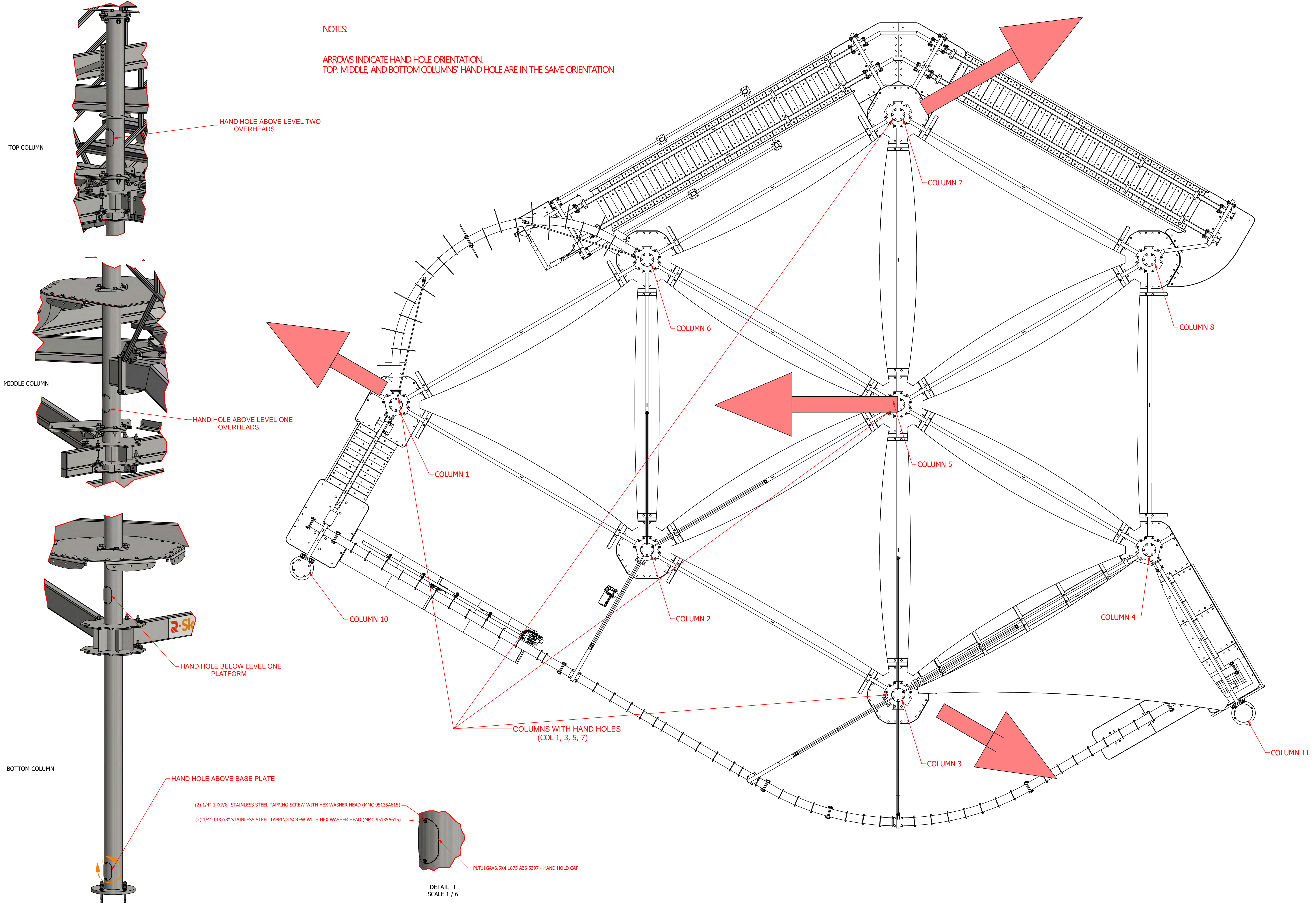


2 D-RING CORNER CONNECTION DETAIL B
SCALE: NTS = 1"-0"
RE DWG: N/A



SUNSHADES FRAME DETAILS





NOTES:

ARROWS INDICATE HAND HOLE ORIENTATION.
TOP, MIDDLE, AND BOTTOM COLUMNS' HAND HOLE ARE IN THE SAME ORIENTATION

HAND HOLE ABOVE LEVEL TWO OVERHEADS

HAND HOLE ABOVE LEVEL ONE OVERHEADS

HAND HOLE BELOW LEVEL ONE PLATFORM

HAND HOLE ABOVE BASE PLATE

(2) 1/4"-14X7/8" STAINLESS STEEL TAPPING SCREW WITH HEX WASHER HEAD (MMC 95135A615)

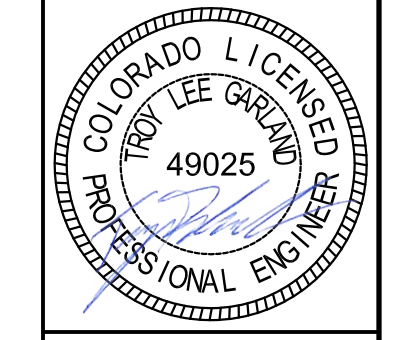
(2) 1/4"-14X7/8" STAINLESS STEEL TAPPING SCREW WITH HEX WASHER HEAD (MMC 95135A615)

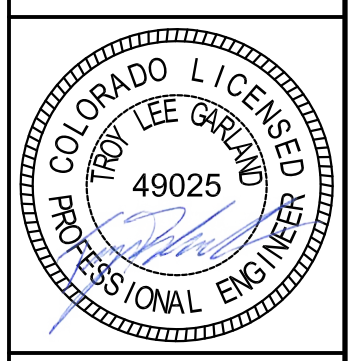
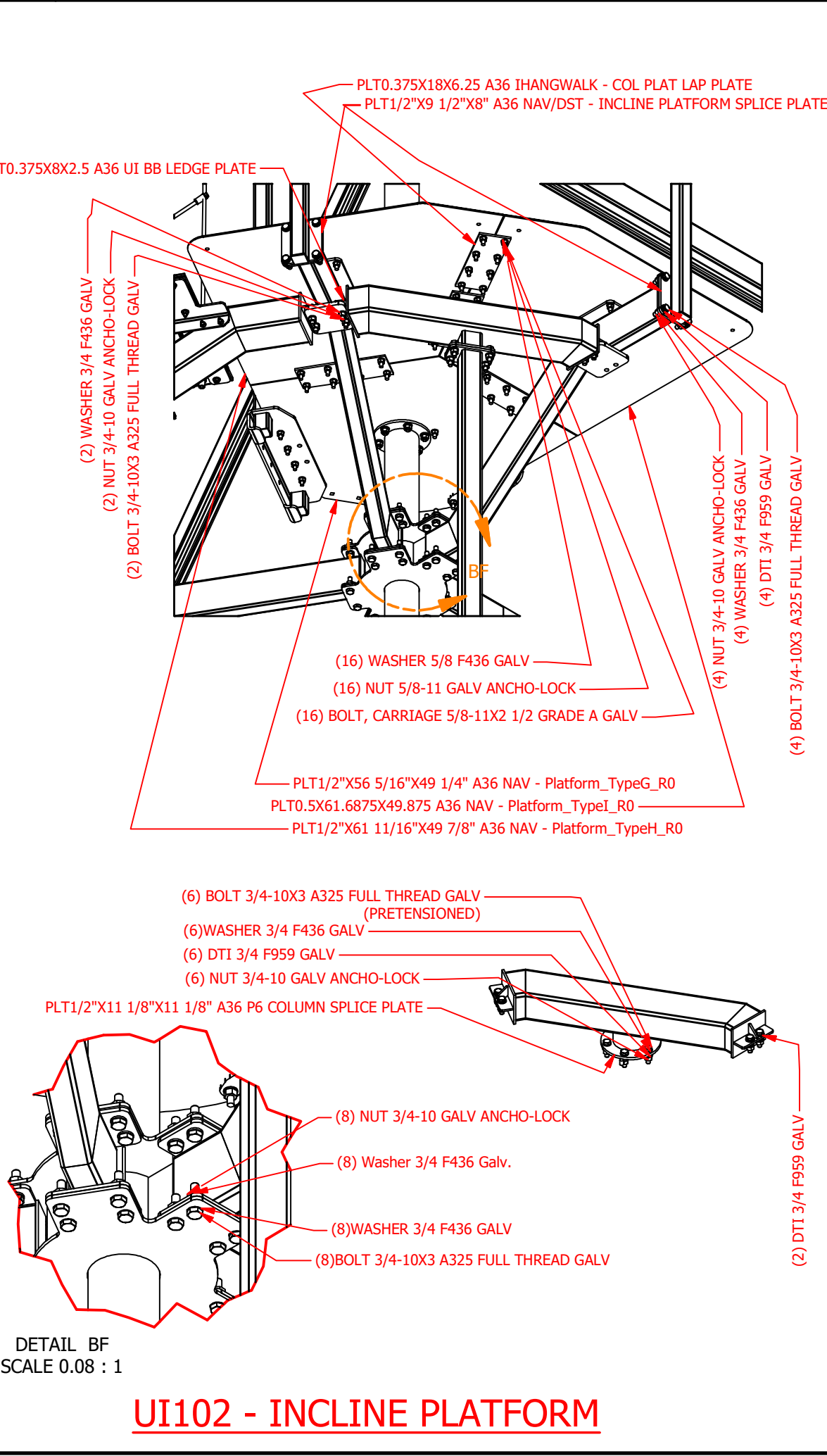
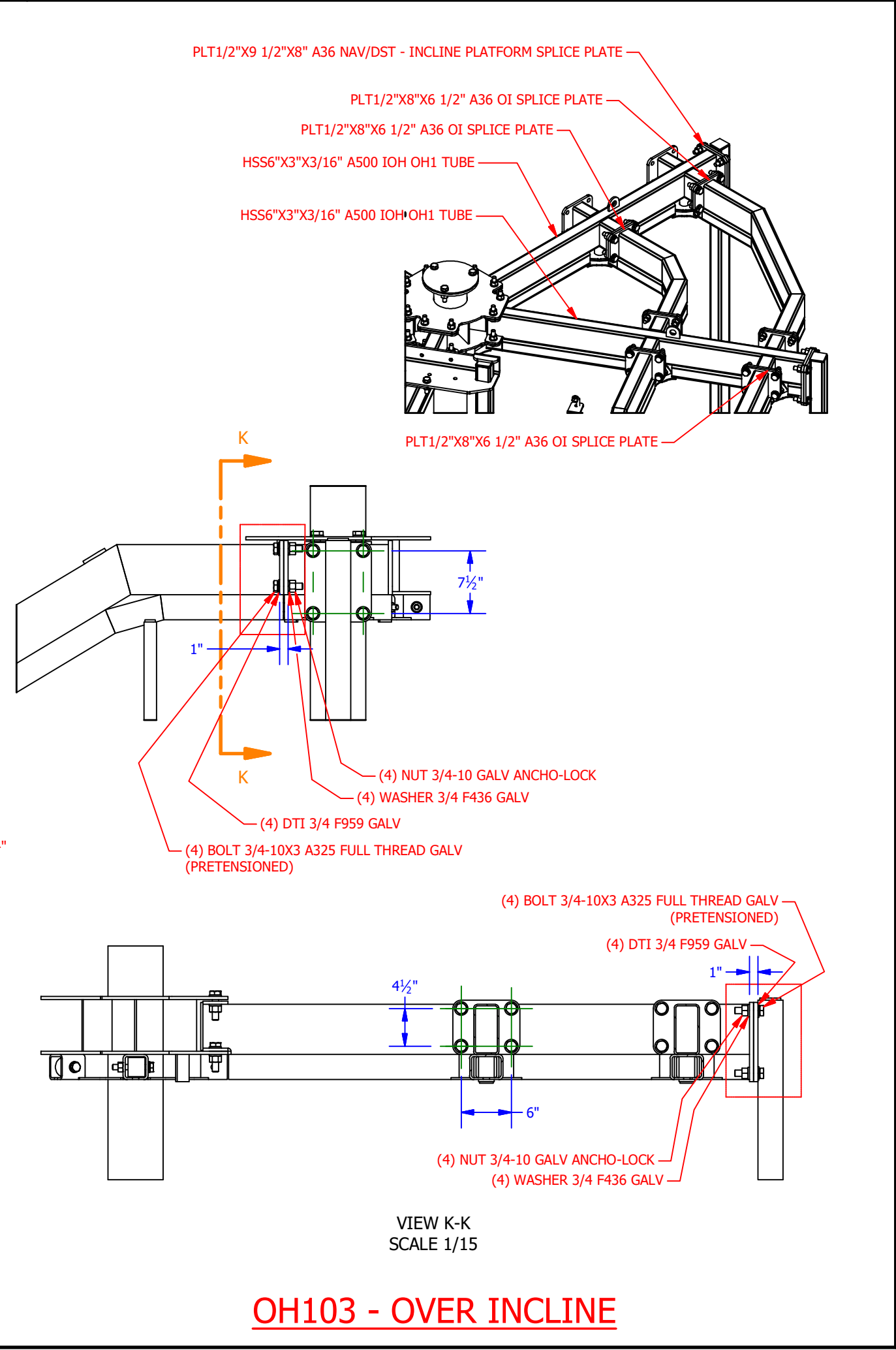
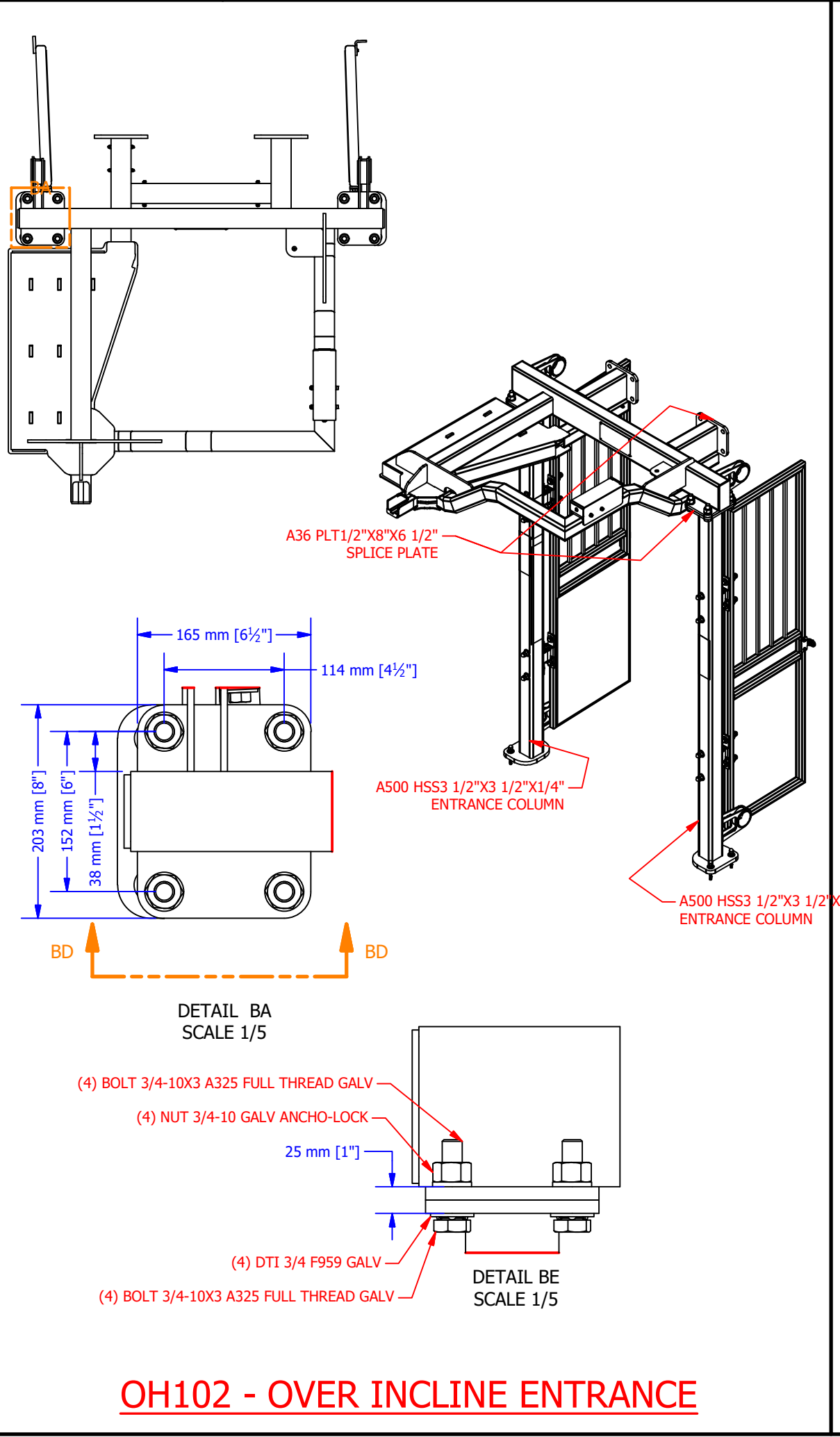
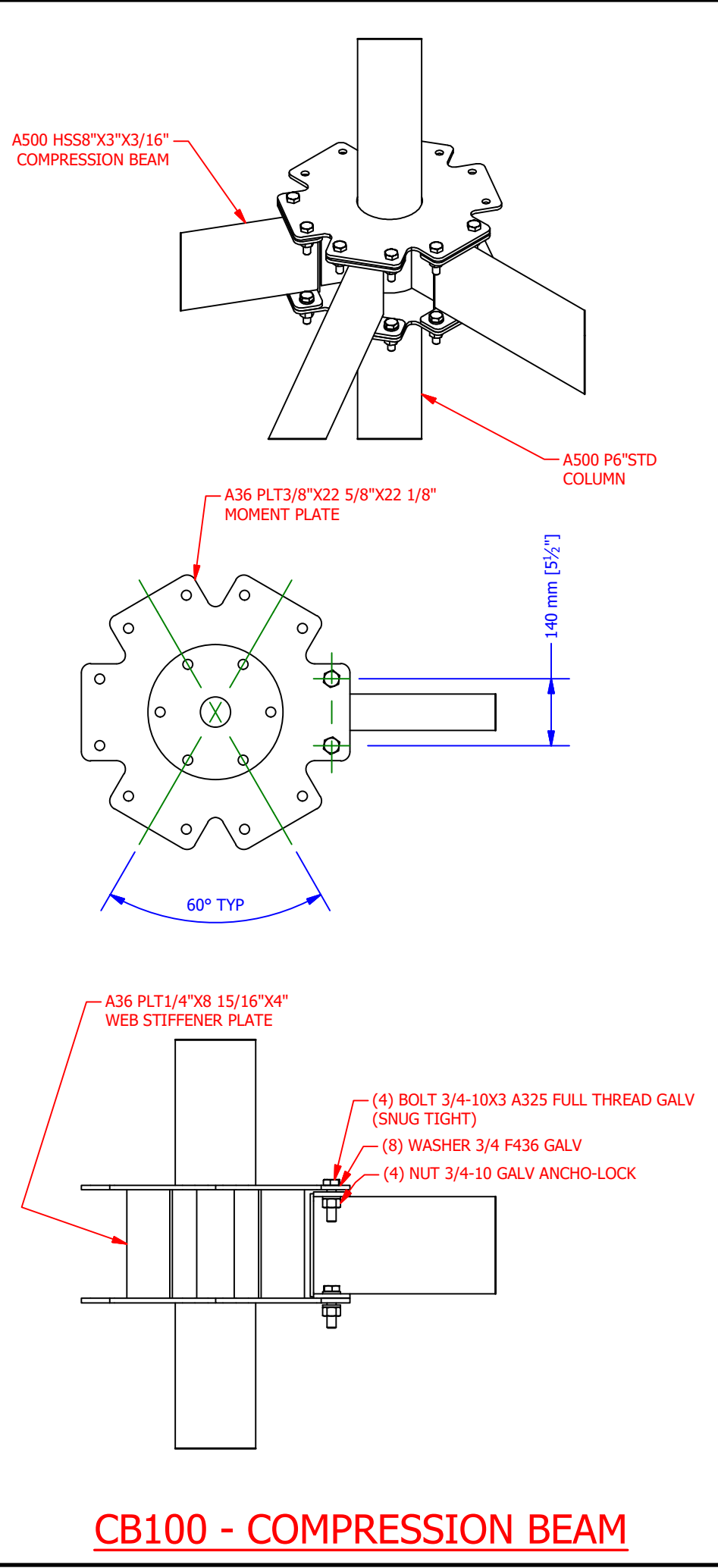
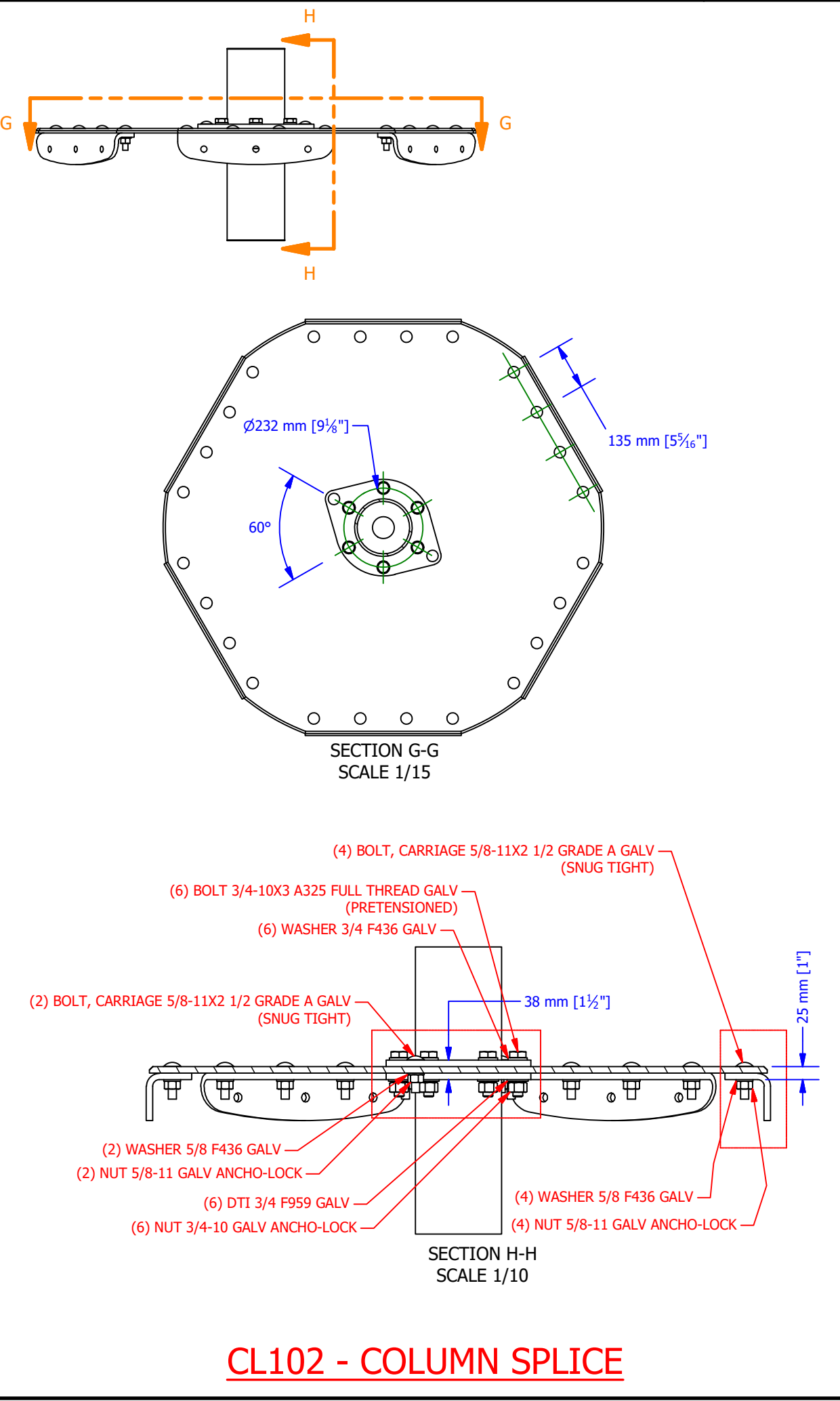
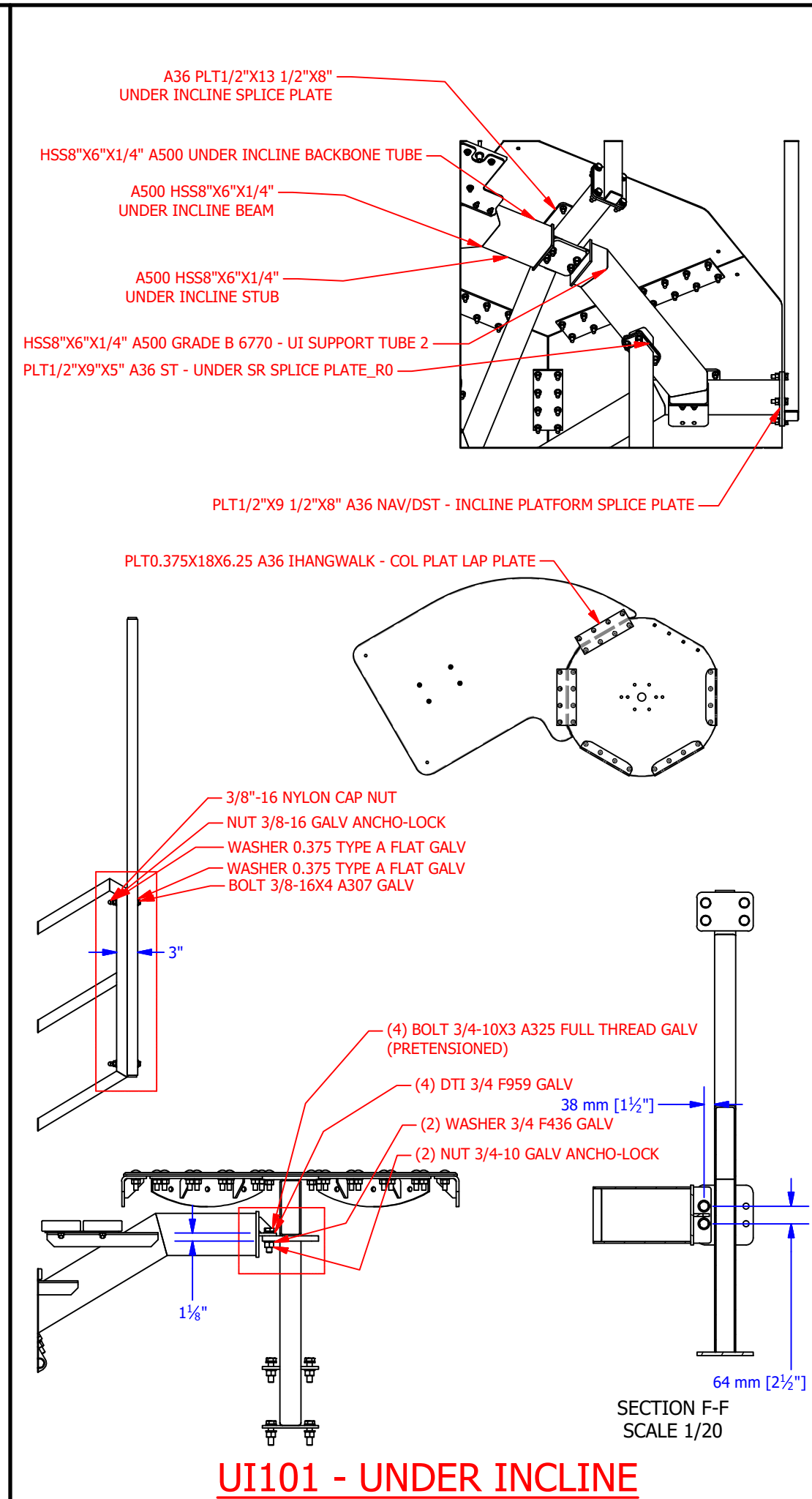
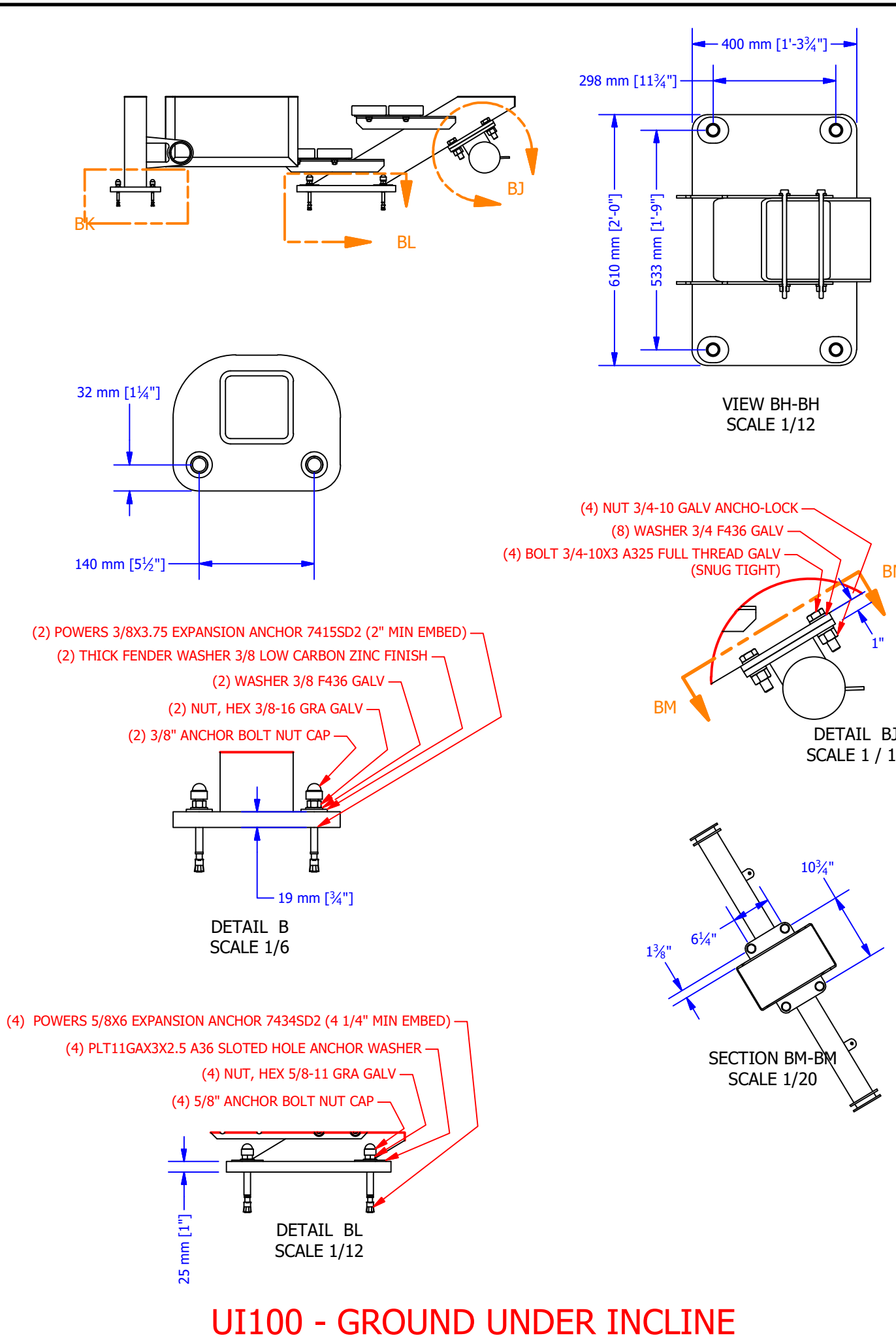
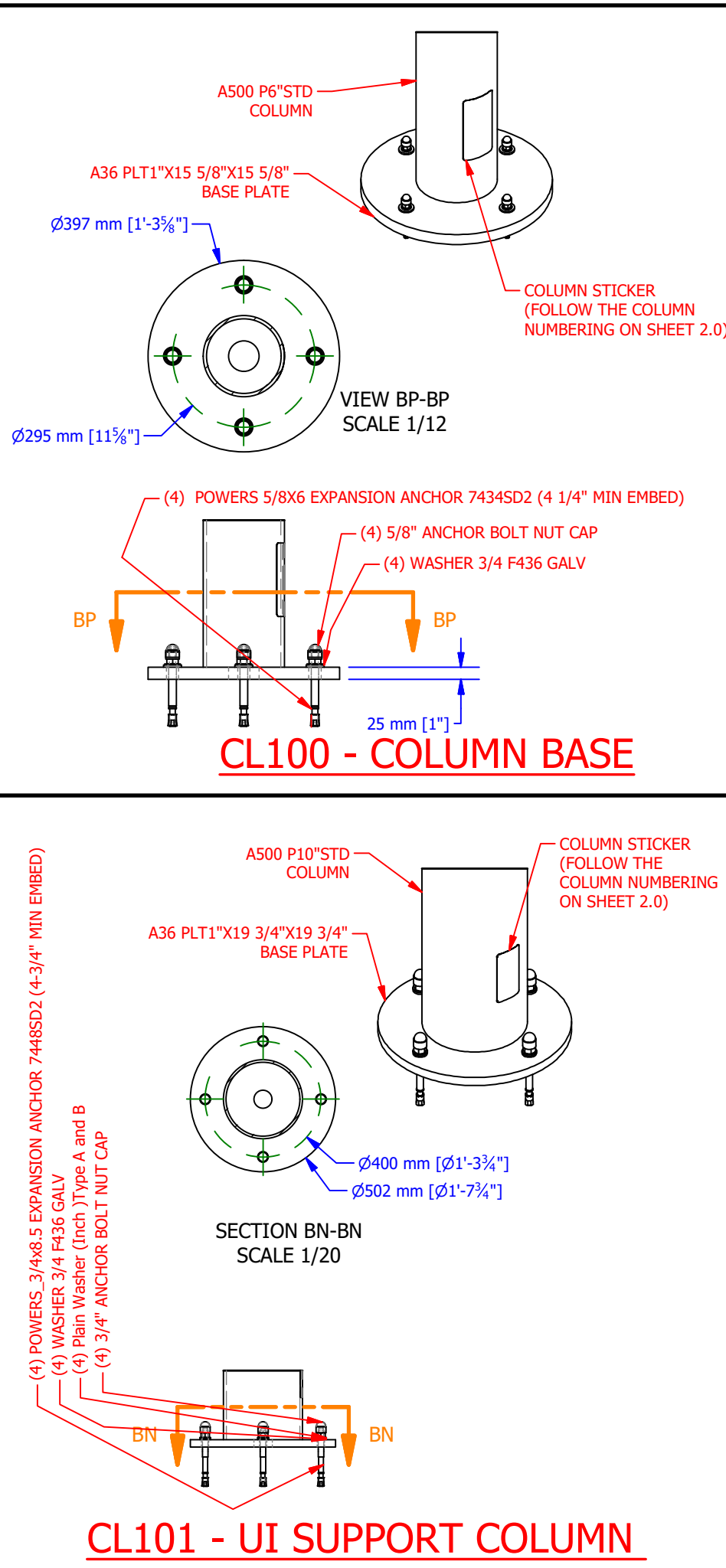
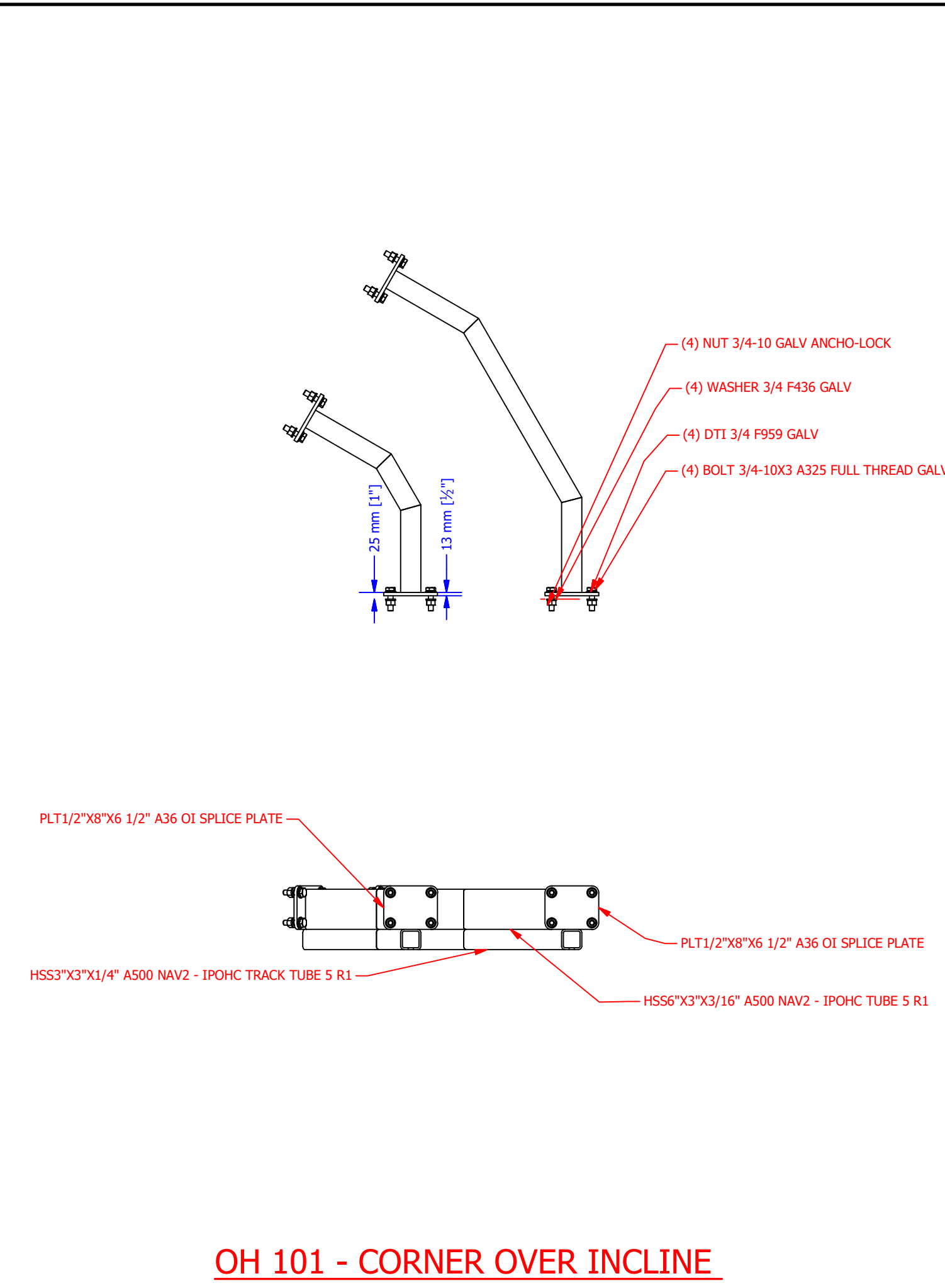
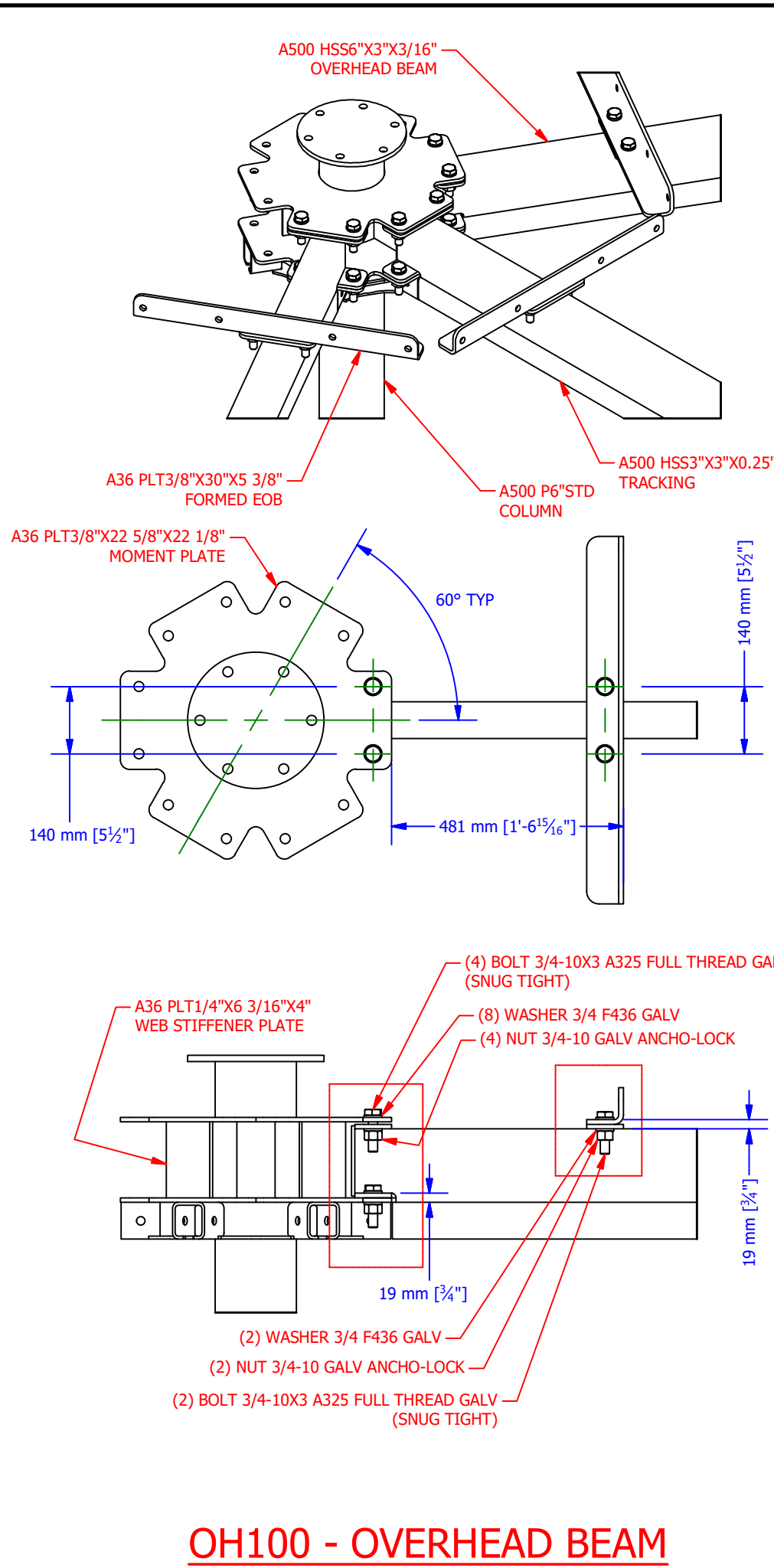
PLT11GAx6.5x4.1875 A36 5397 - HAND HOLD CAP

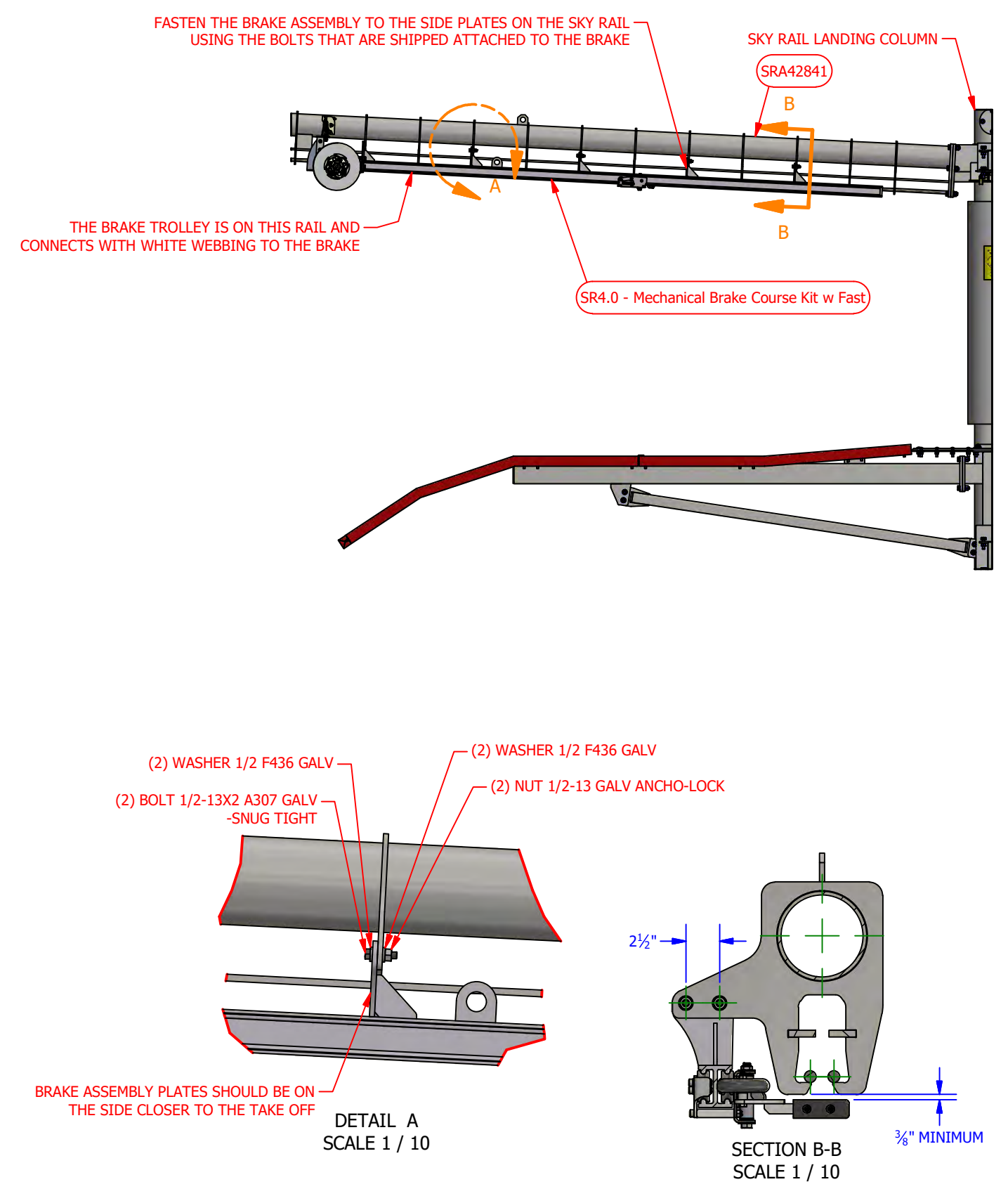
DETAIL T
SCALE 1 / 6



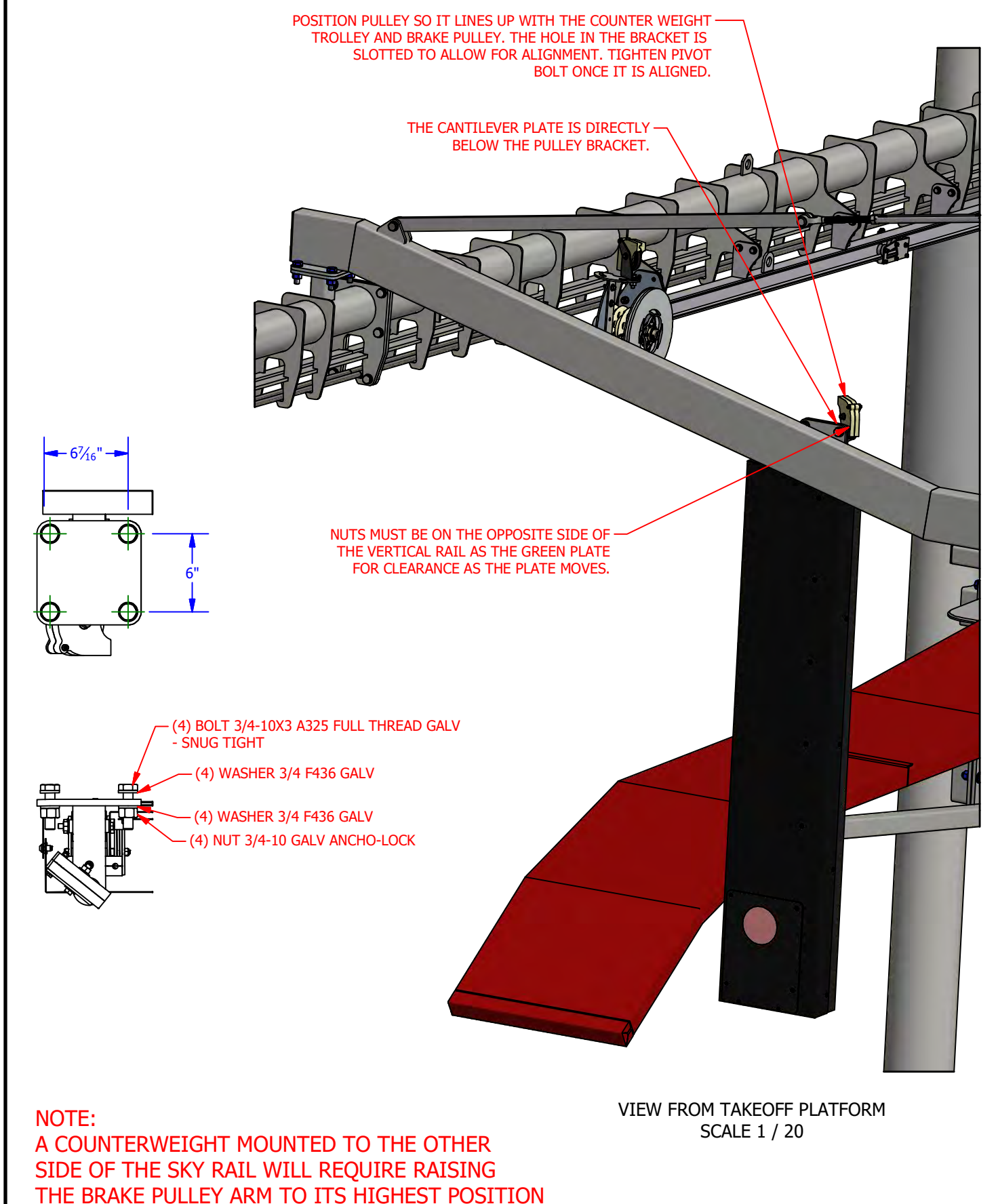
COLUMNS WITH HAND HOLES DETAILS



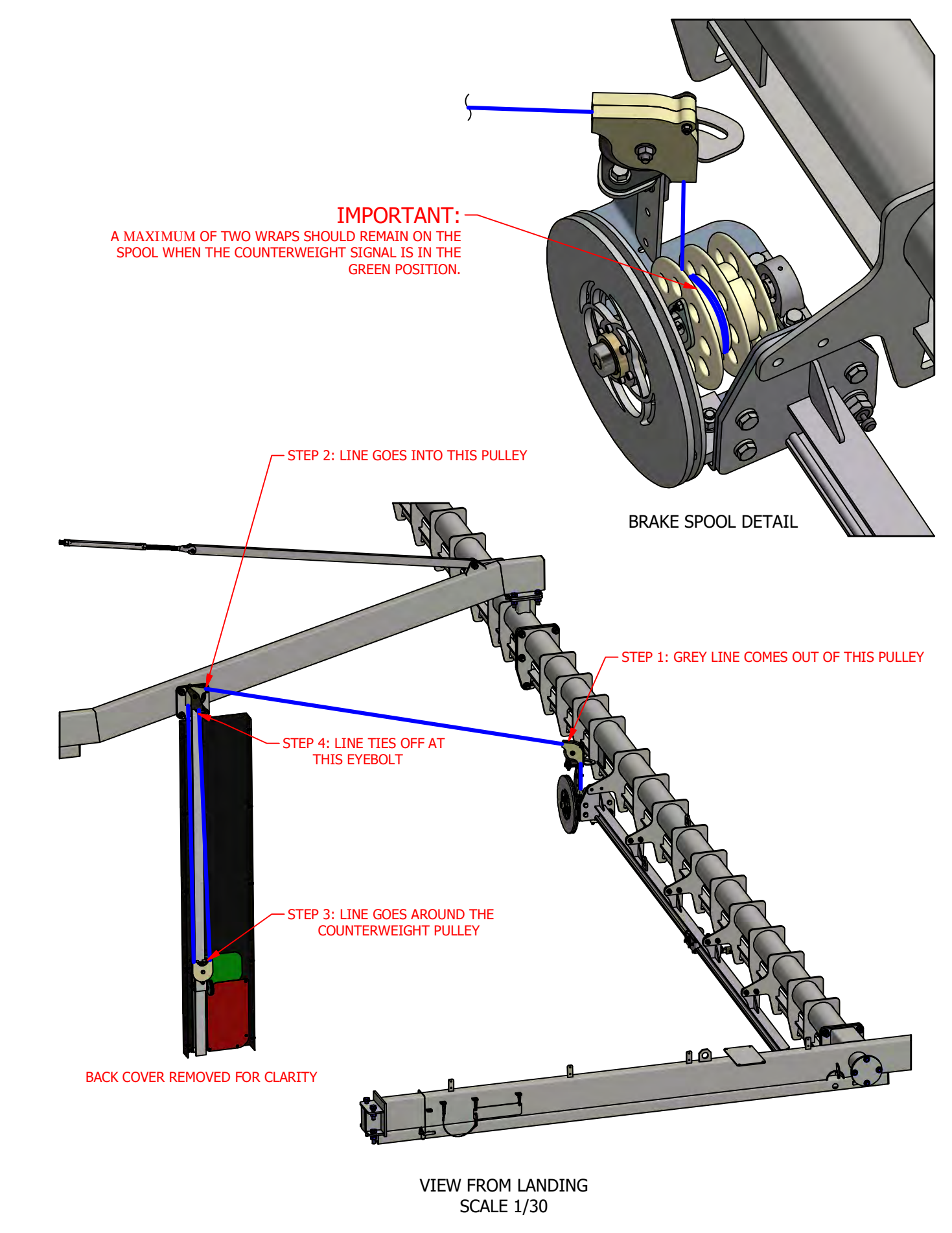




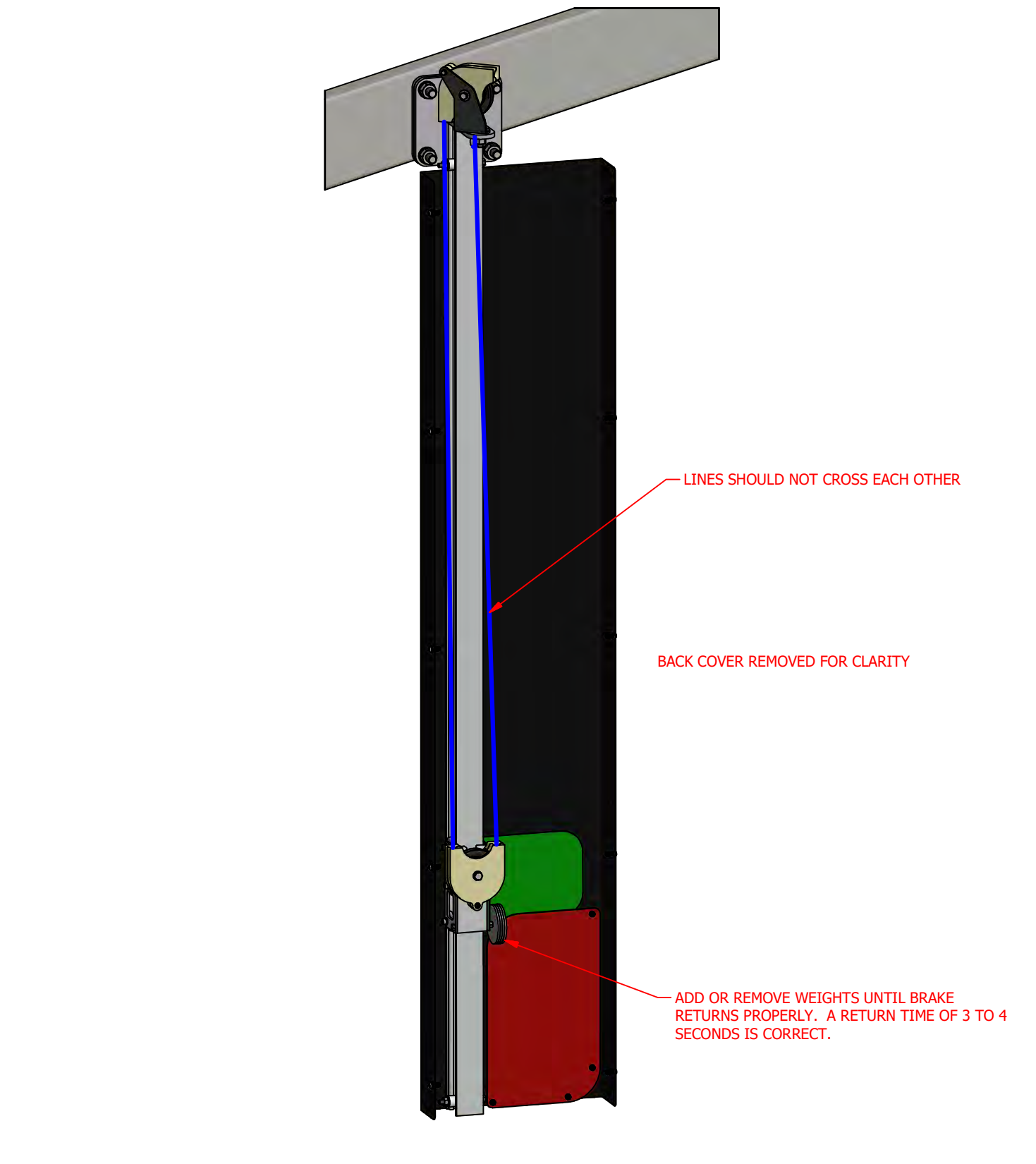
INSTALL MECHANICAL BRAKE ASSEMBLY



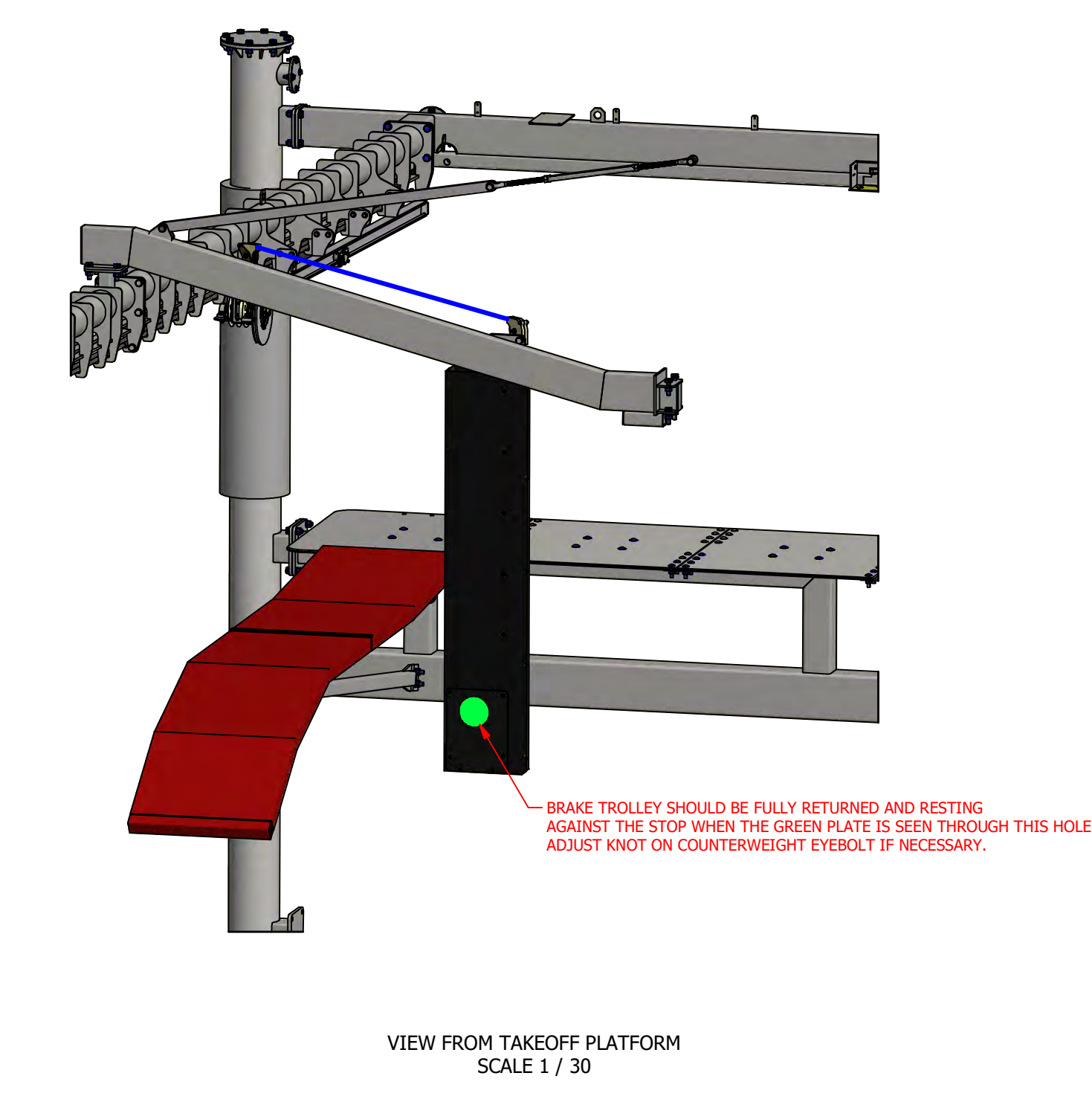
INSTALL BRAKE RAIL STOP LIGHT



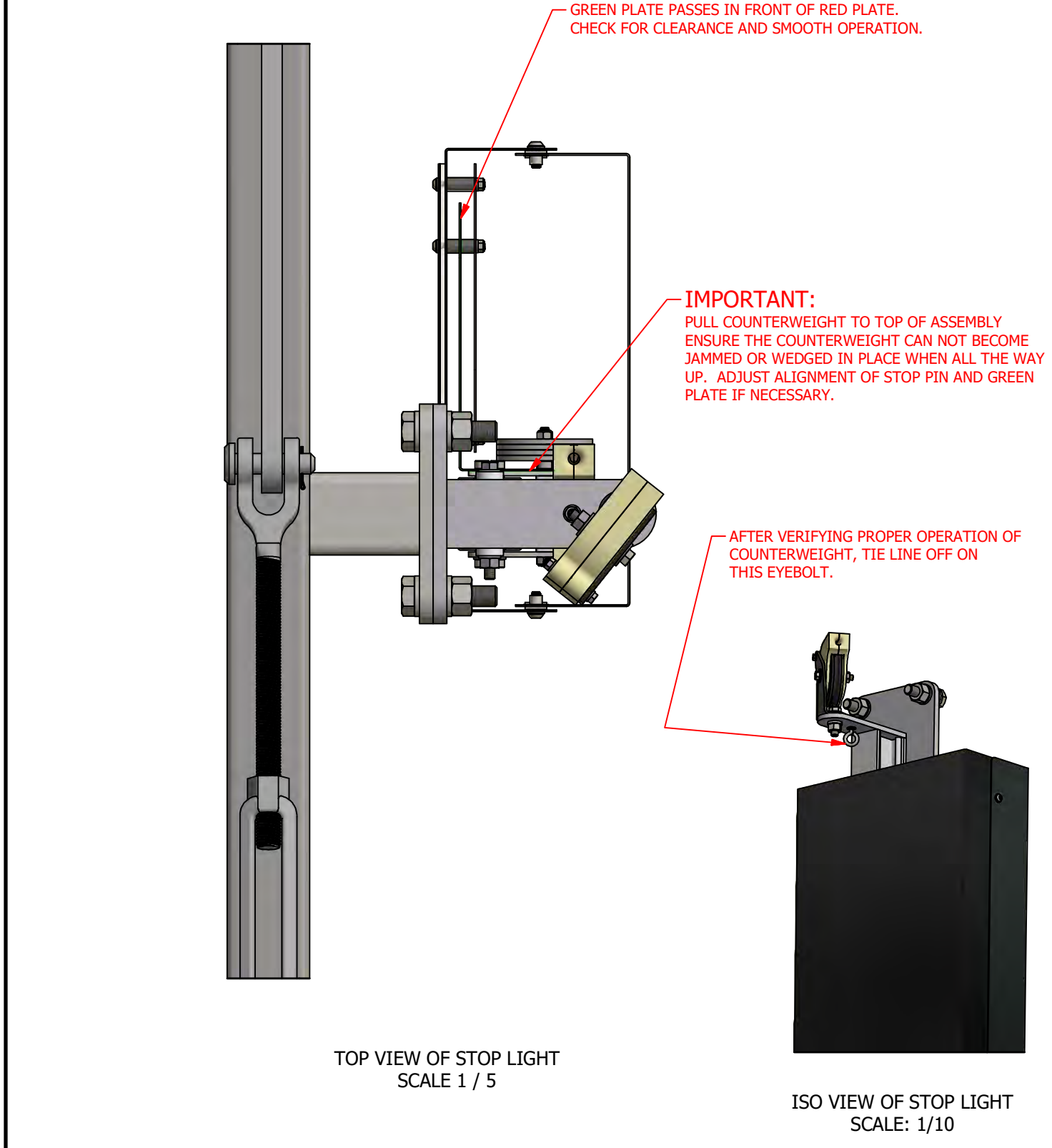
INSTALL BRAKE LINE



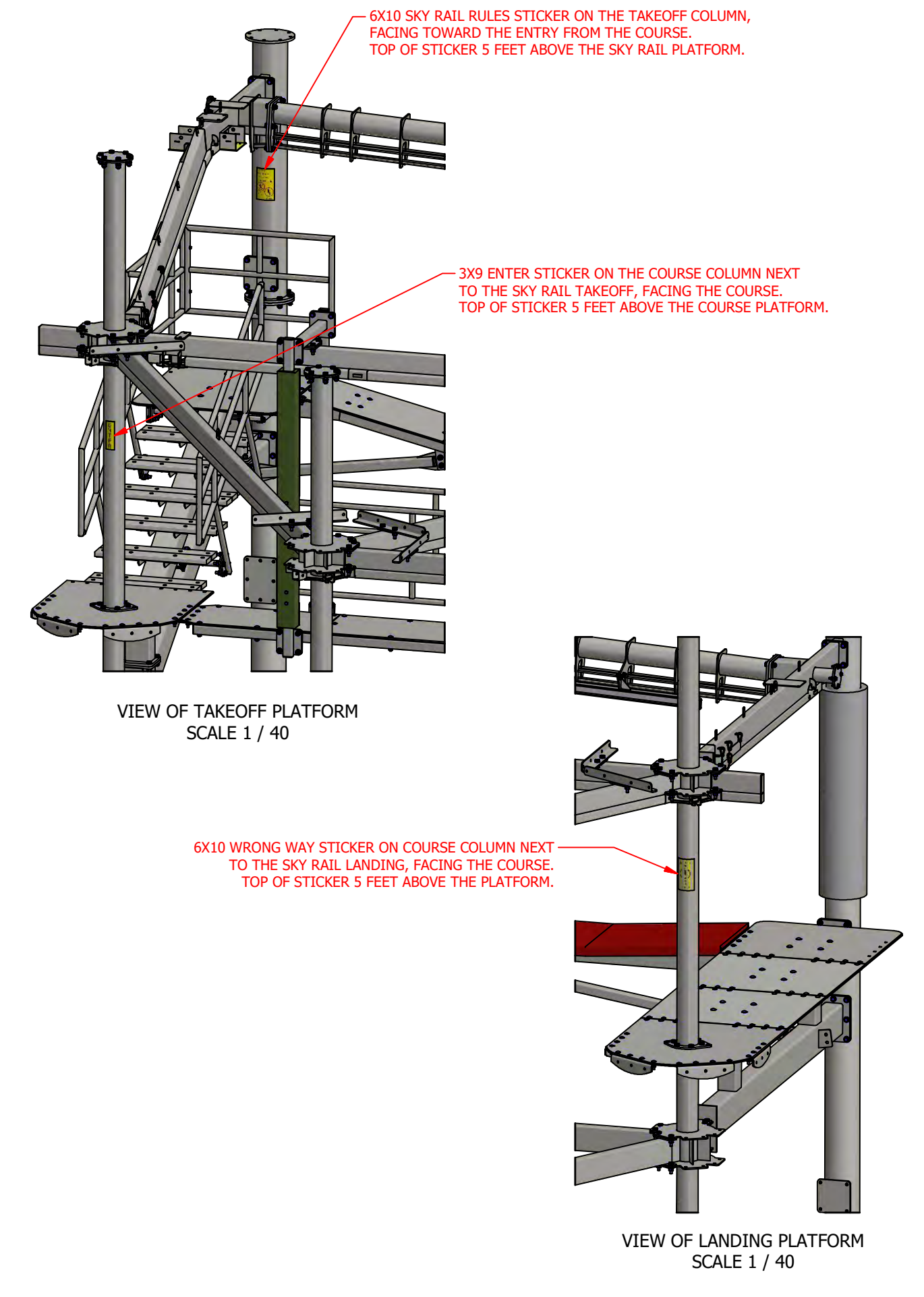
ADJUST COUNTER WEIGHT



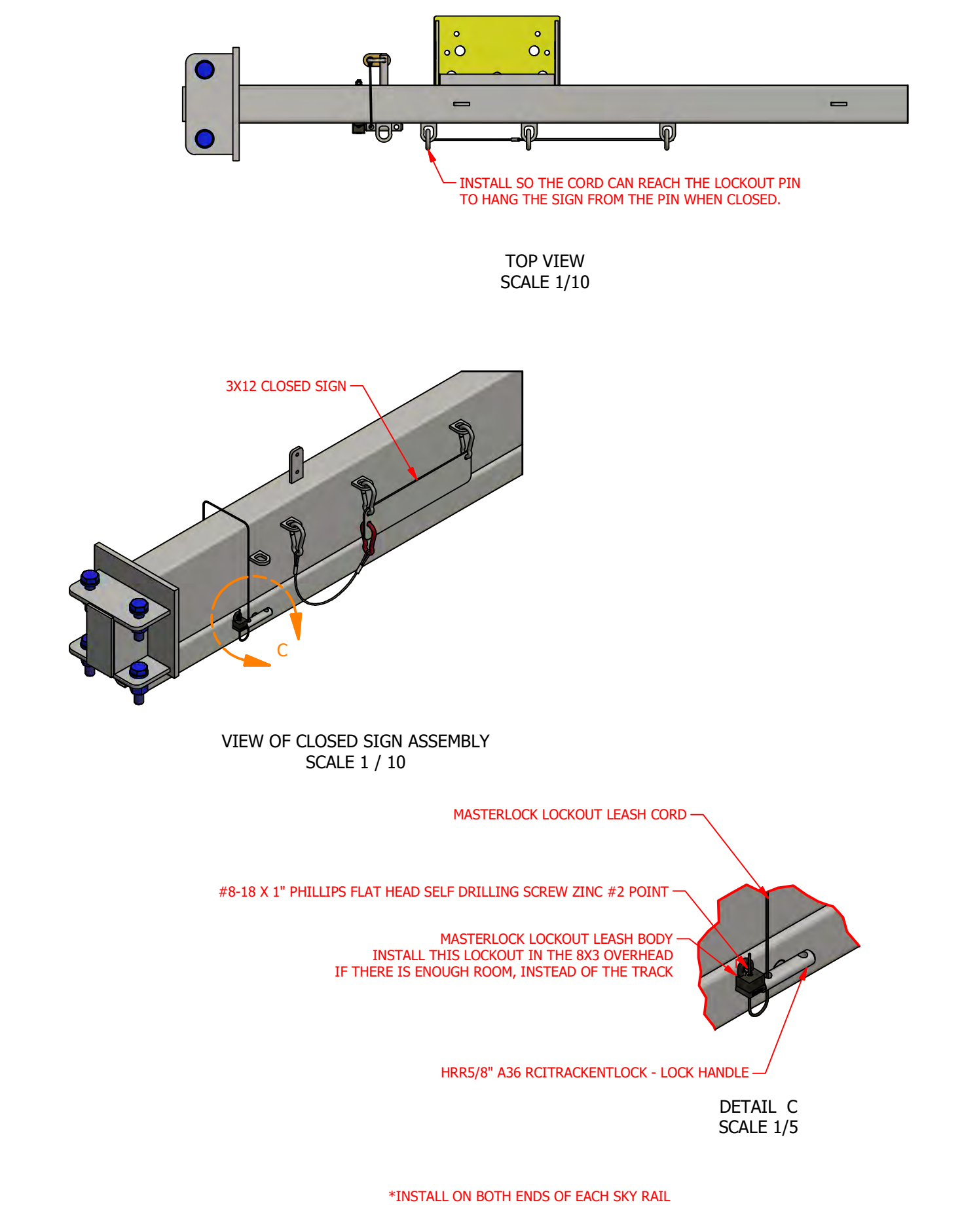
ADJUST STOP LIGHT



VERIFY STOP LIGHT OPERATION



INSTALL SYSTEM SIGNS



INSTALL SYSTEM CLOSED ASSEMBLIES

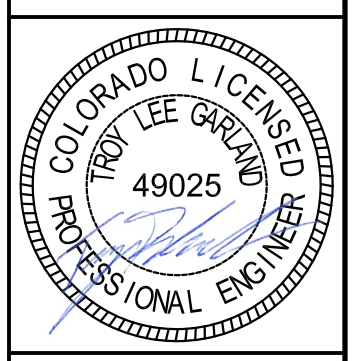
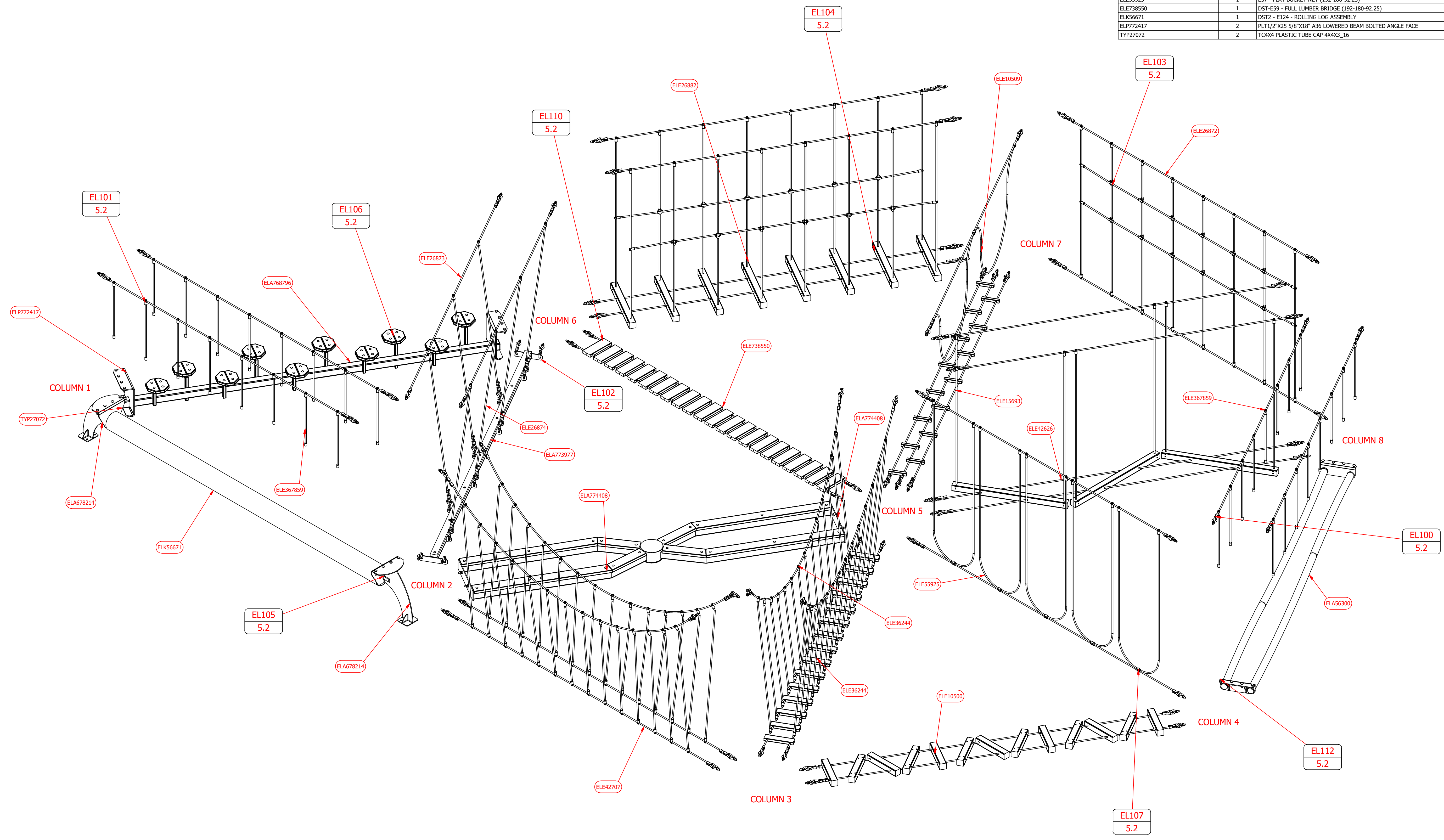


ELEMENT PARTS LIST			
PART NUMBER	ITEM QTY	DESCRIPTION	MASS
ELA56300	1	DST2 - E125 - KELP WALK (192)	279.2245 lbmass
ELA678214	2	DST2 - E124 - ROLLING LOG EFA	73.2013 lbmass
ELA768796	1	DST2-E32 - LILLY PADS (192)	307.2161 lbmass
ELA773977	1	DST2-E28 - 4IN ALTERNATING BEAM BURMA BEAM (192)	151.3368 lbmass
ELA774408	1	DST-E46 - X FACTOR BEAM (192)	466.2735 lbmass
ELE10500	1	DST2-E35 - RICKETY BRIDGE (192)	104.4808 lbmass
ELE10509	1	DST2-E44 - DOUBLE DROOPY HANDLINE (180)	8.5049 lbmass
ELE15693	1	DST2-E53 - THREE LINE LUMBER ROPE BRIDGE (192)	23.1464 lbmass
ELE26872	1	DST2-E88 - QUARTER FULL CARGO NET (192-180-92.25)	26.5930 lbmass
ELE26873	1	DST2-E28 - ABB ROPE HANGER RIGHT (180-92.25)	10.7976 lbmass
ELE26874	1	DST2-E28 - ABB ROPE HANGER LEFT (180-92.25)	13.0775 lbmass
ELE26882	1	DST2-E87 - STIRRUPS W HL (192-180-92.25)	155.2471 lbmass
ELE36244	1	DST2-E68-ISUSPENSION BRIDGE1 (192-180-92.25)	82.2204 lbmass
ELE367859	4	E134 - WAVE HANDLINE (180)	8.4785 lbmass
ELE42626	1	DST2-E38 - SWINGING STEPS (P192-E180-V92.25)	99.5548 lbmass
ELE42707	1	DST2-E102 - CHARLIE CHAPLIN SUSPENSION BRIDGE (92-180-92_25)	45.7891 lbmass
ELE55925	1	E57 - FLAT BUCKET NET (192-180-92.25)	24.0270 lbmass
ELE738550	1	DST-E59 - FULL LUMBER BRIDGE (192-180-92.25)	90.4010 lbmass
ELKS6671	1	DST2 - E124 - ROLLING LOG ASSEMBLY	243.0610 lbmass
ELP772417	2	PLT1/2"x25 5/8"x18" A36 LOWERED BEAM BOLTED ANGLE FACE	62.0236 lbmass
TPY27072	2	TC4X4 PLASTIC TUBE CAP 4X4X3_16	.5794 lbmass

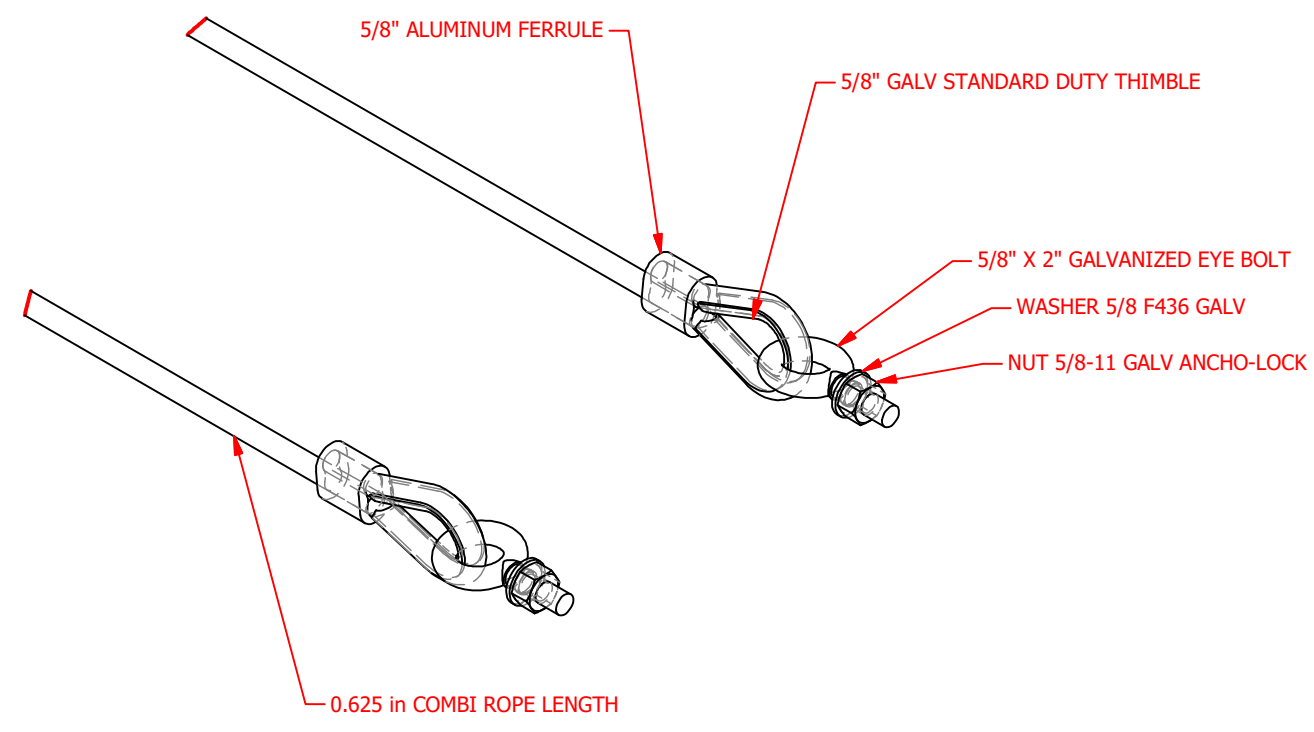
SHEET: 5.0
 PROJECT NAME: BOONDOCKS FOOD & BEV. - PARKER
 CO 80139, USA
 SITE ADDRESS: BOONDOCKS FOOD&BEV-PARKER
 18706 COTTONWOOD DR, PARKER
 CO 80139, USA
 JOB NO: 10615
 PROJECT: 8 POLE 2 LEVEL CUSTOM SKY TRAIL@ DISCOVERY WITH (1) 60P SKY RAIL@ AND SUN SHADES
 AUTHOR: ROSTAM
 DATE: 11/2/2021
 REV:



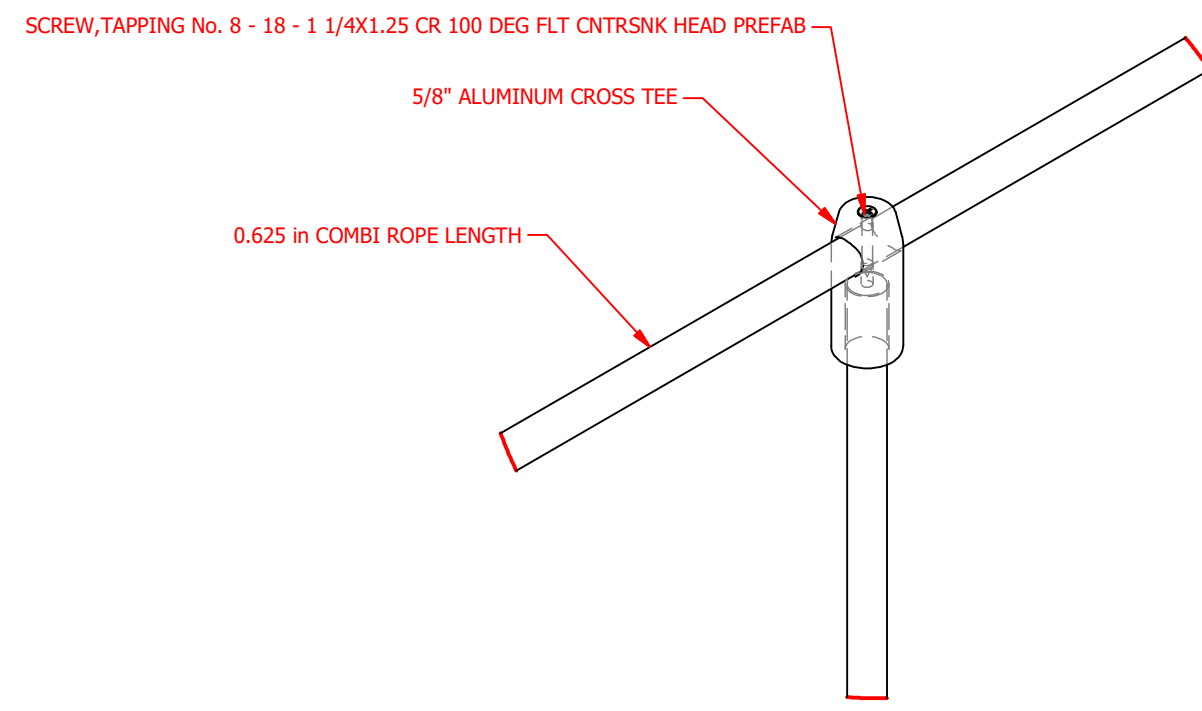
FIRST LEVEL ELEMENT LAYOUT



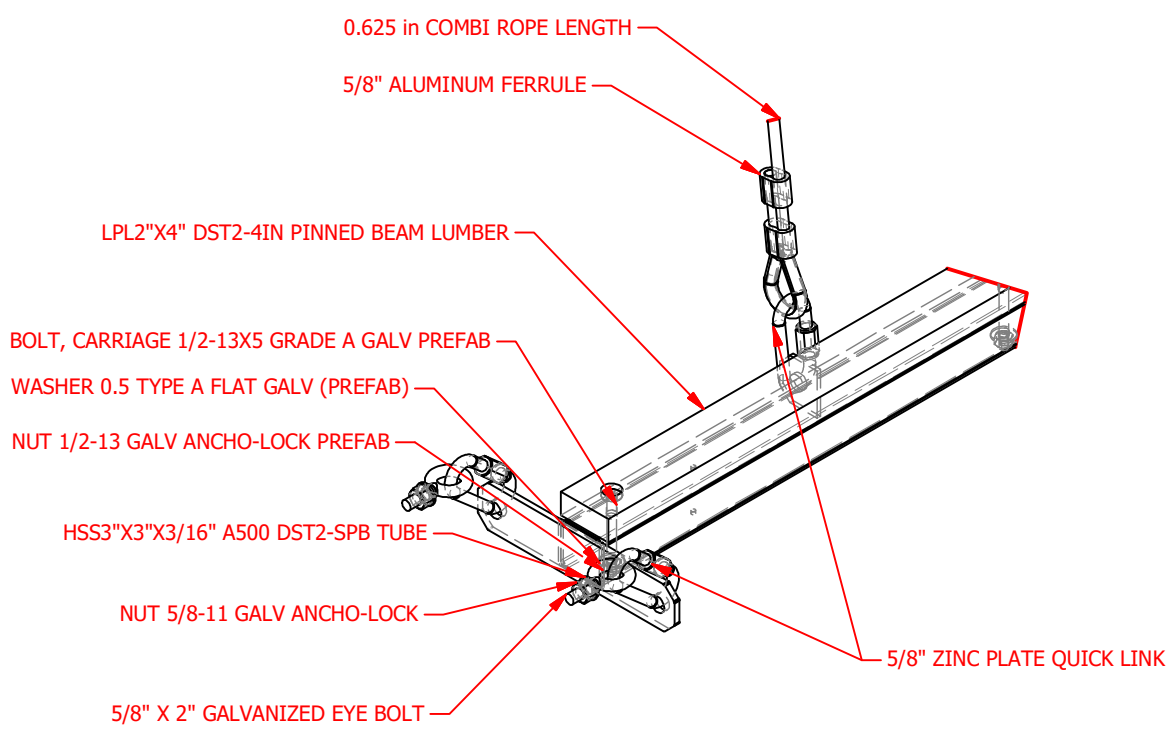
SHEET: 5.0



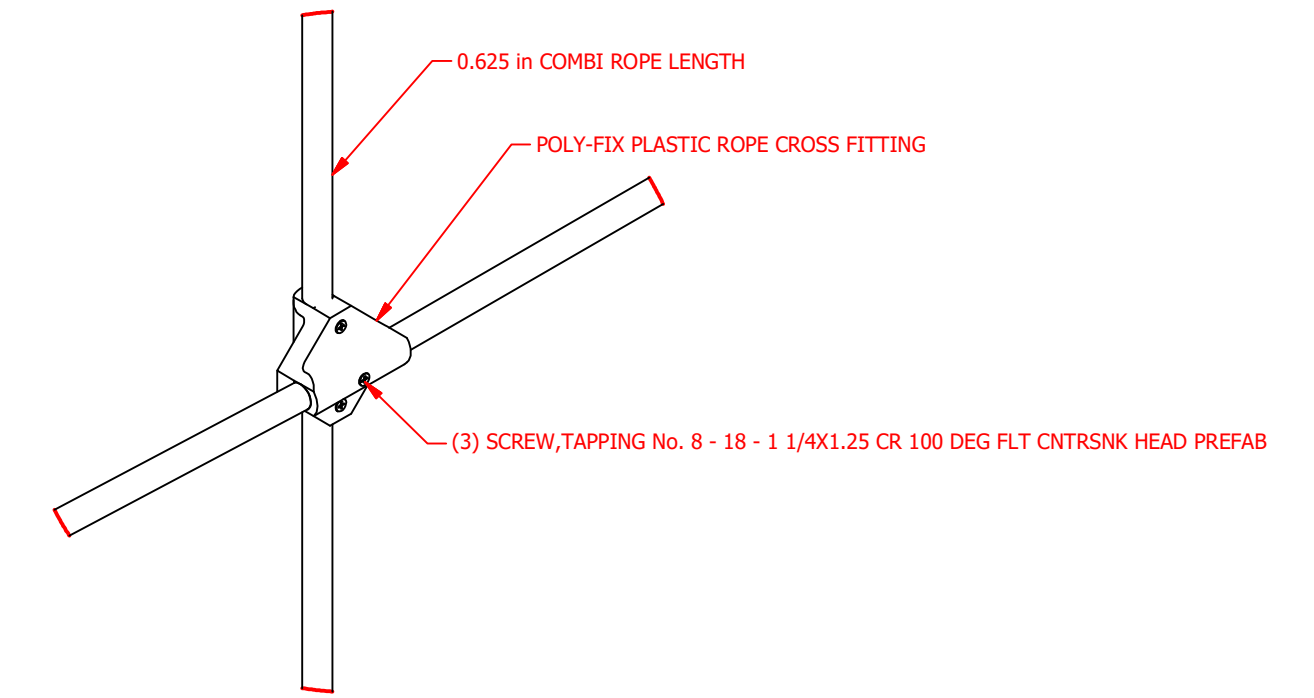
EL100 - ELEMENT ENDS



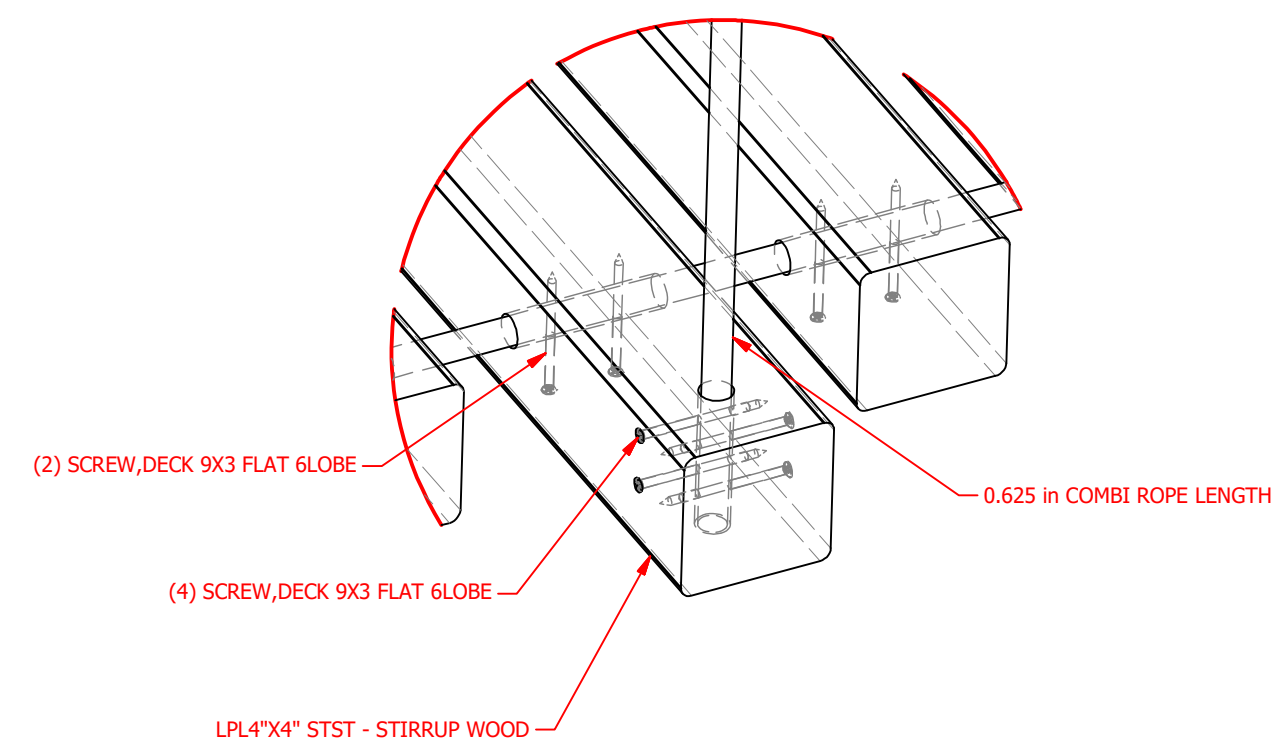
EL101 - CROSS TEE



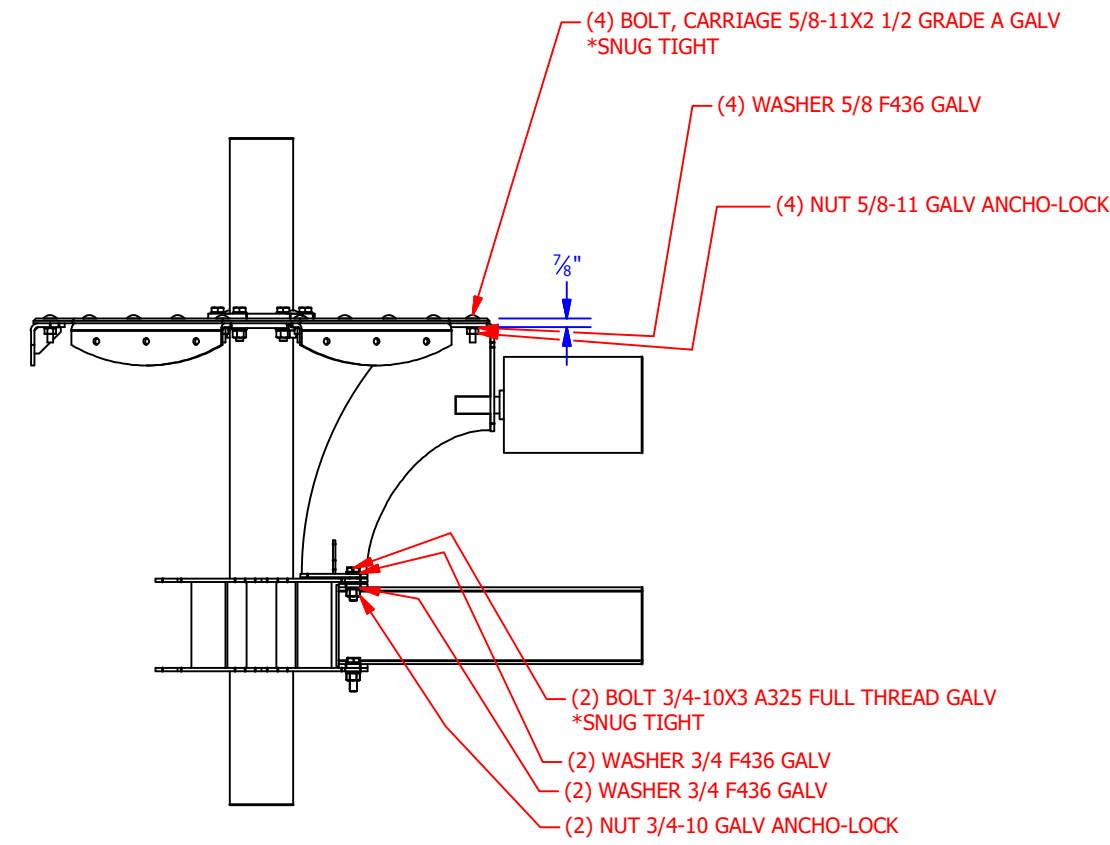
EL102 - 4 INCH ALTERNATING BURMA BEAM



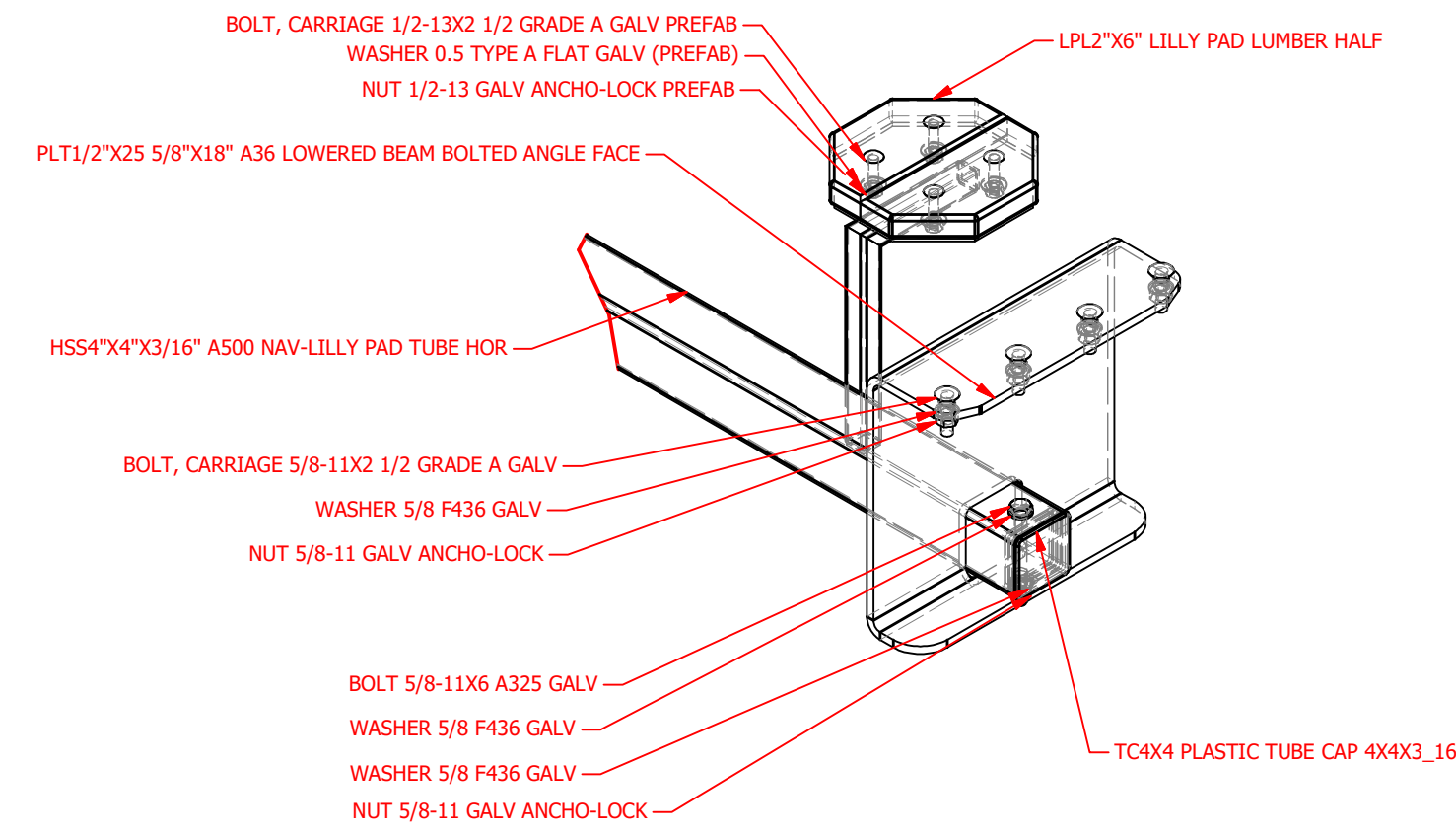
EL103 - CROSS FITTING



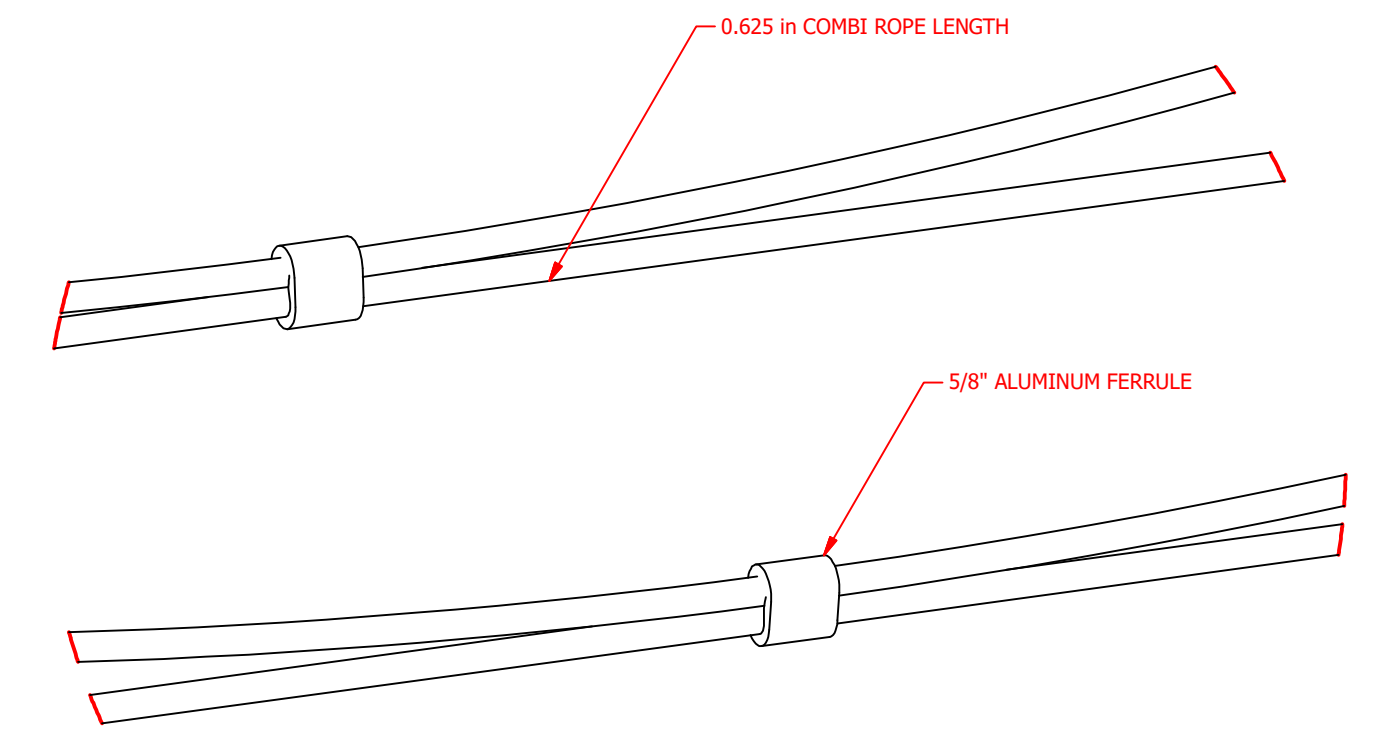
EL104 - STIRRUP



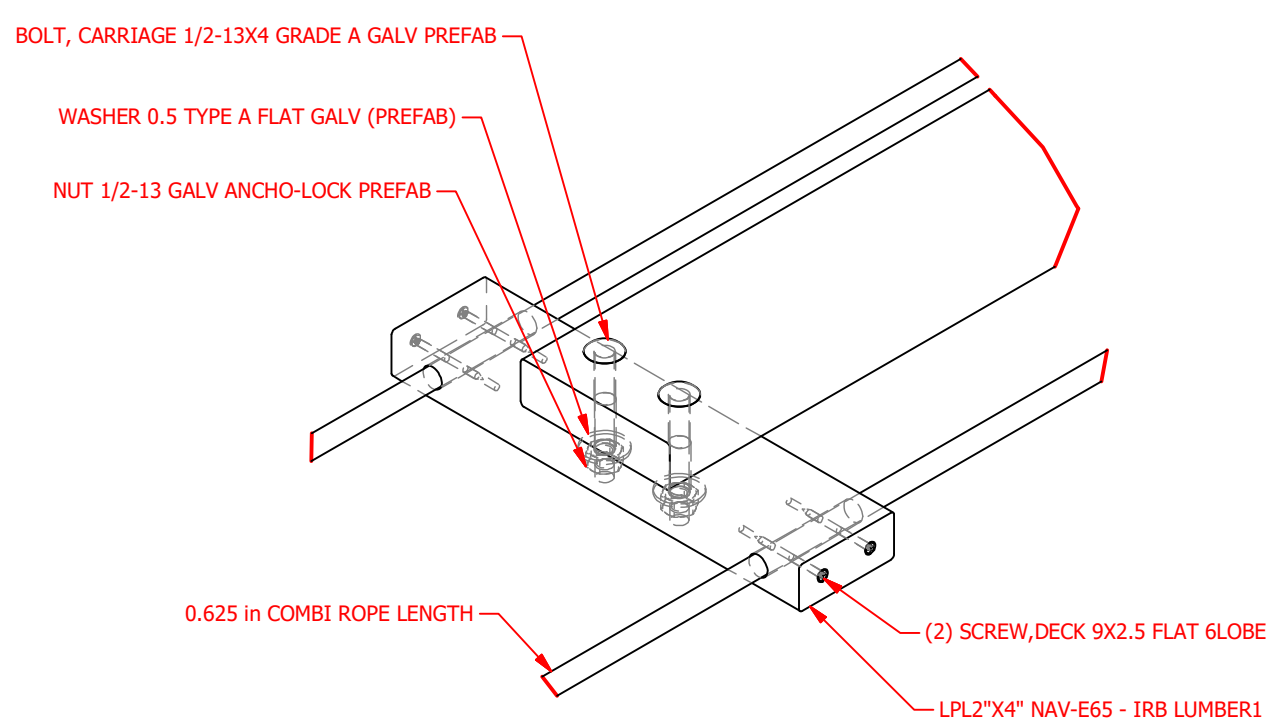
EL105 - ROLLING LOG



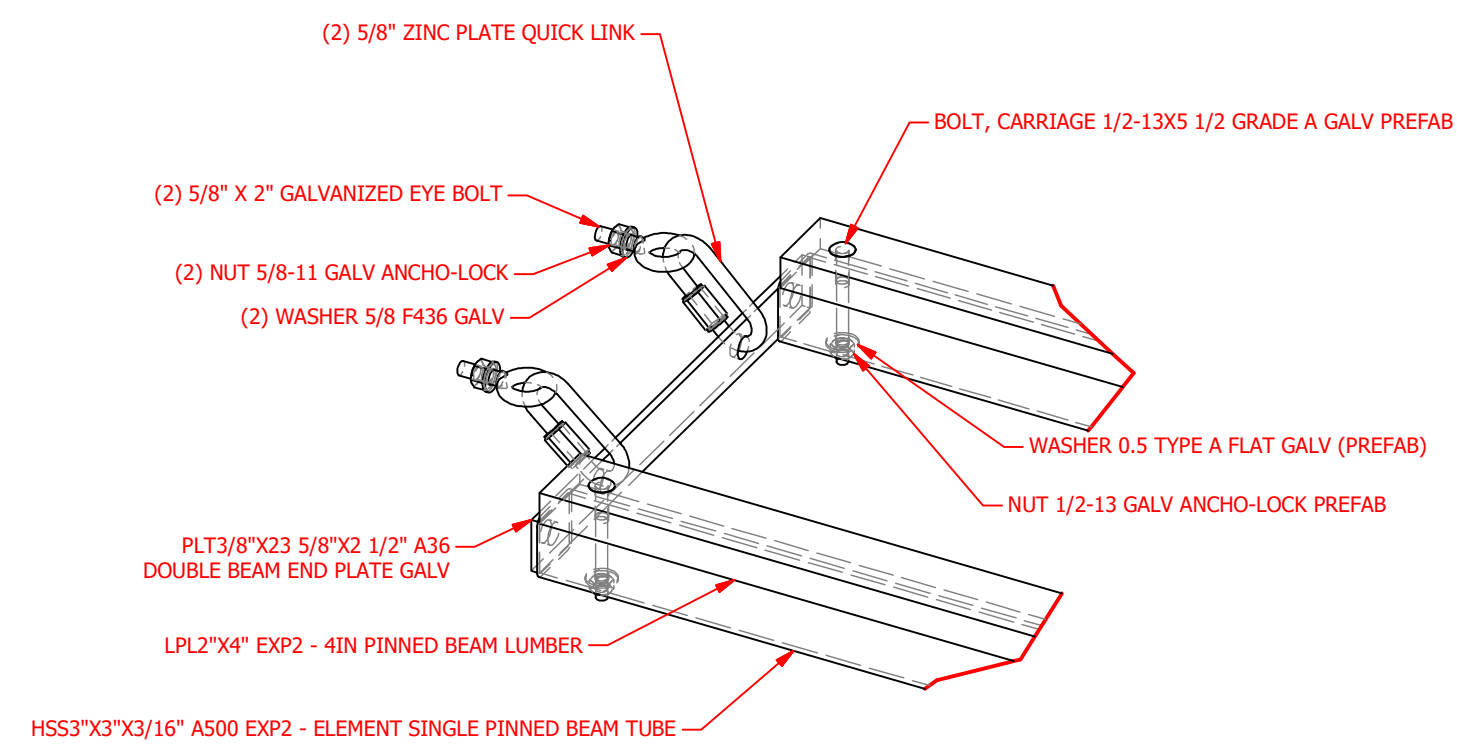
EL106 - LILY PAD



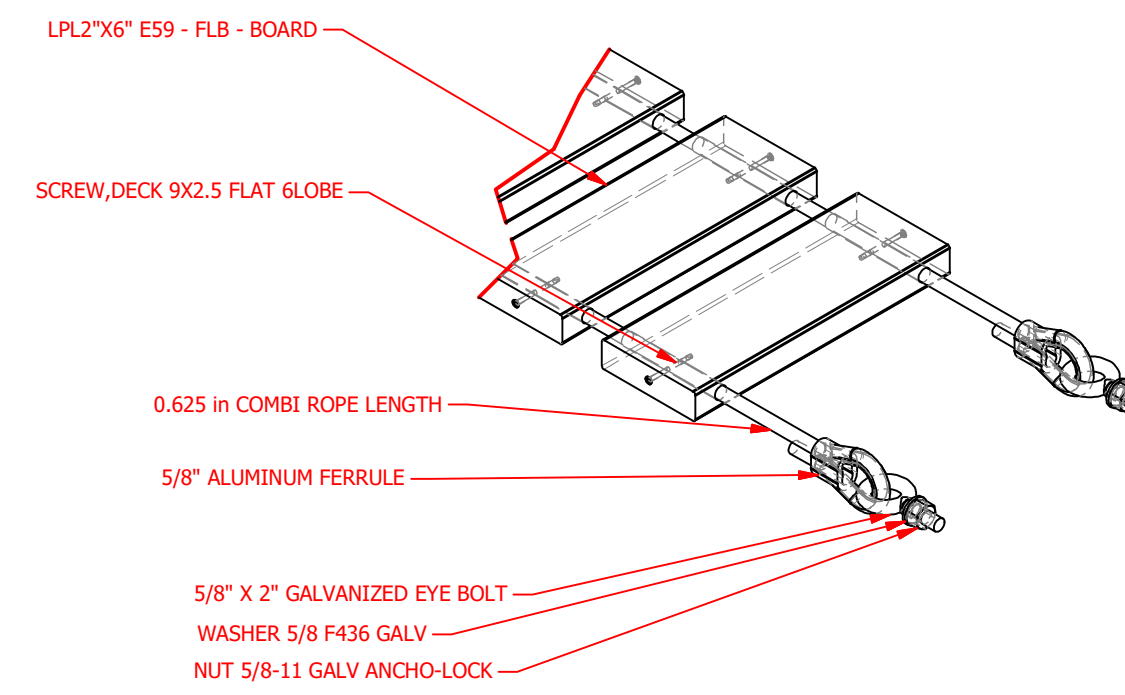
EL107 - FERRULE



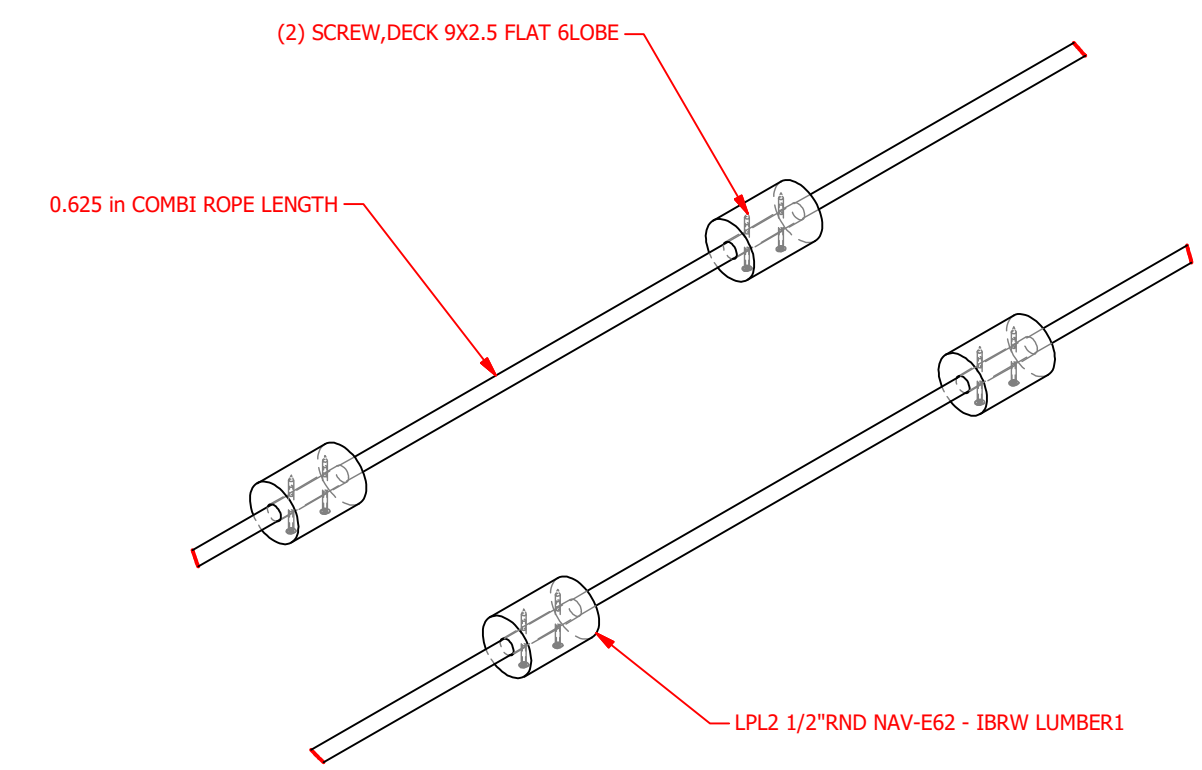
EL108 - PLUMBER TO PLUMBER



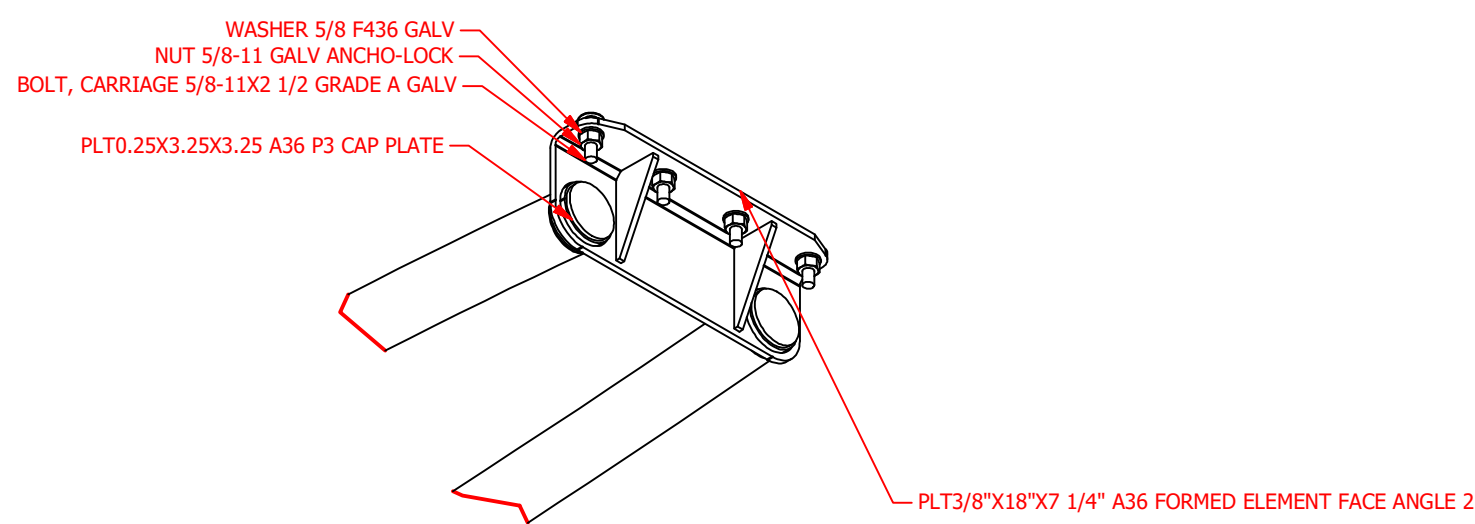
EL109 - PINNED BEAM



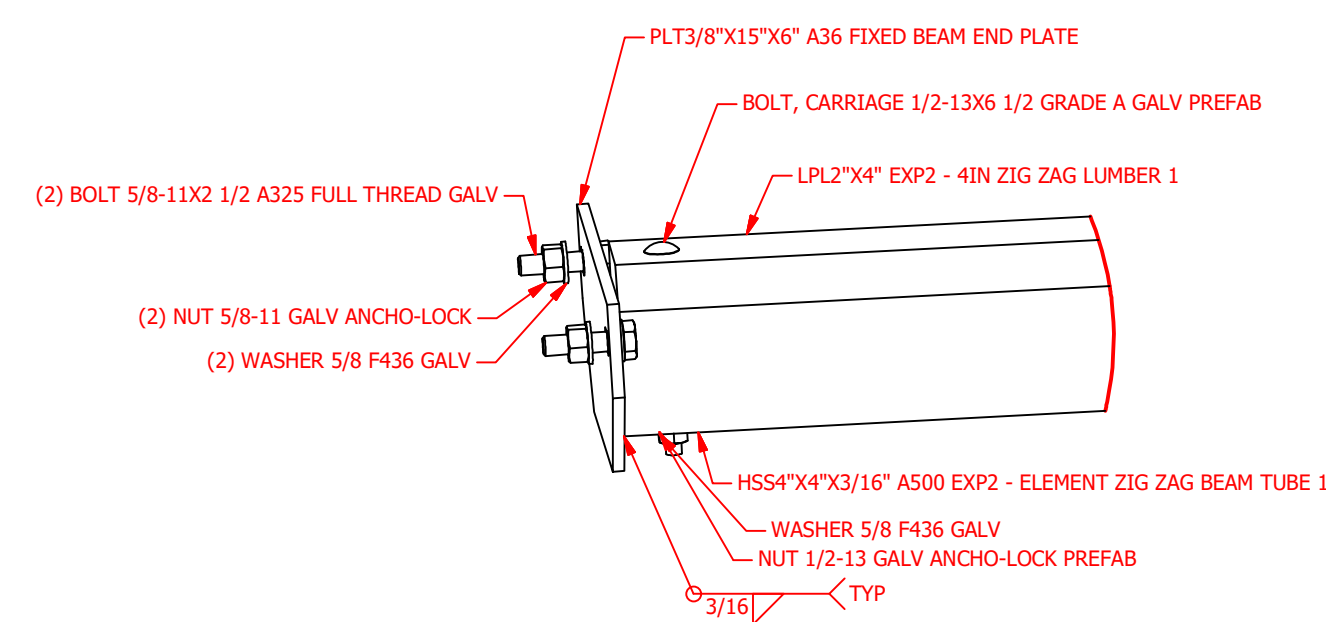
EL110 - FULL LUMBER BRIDGE



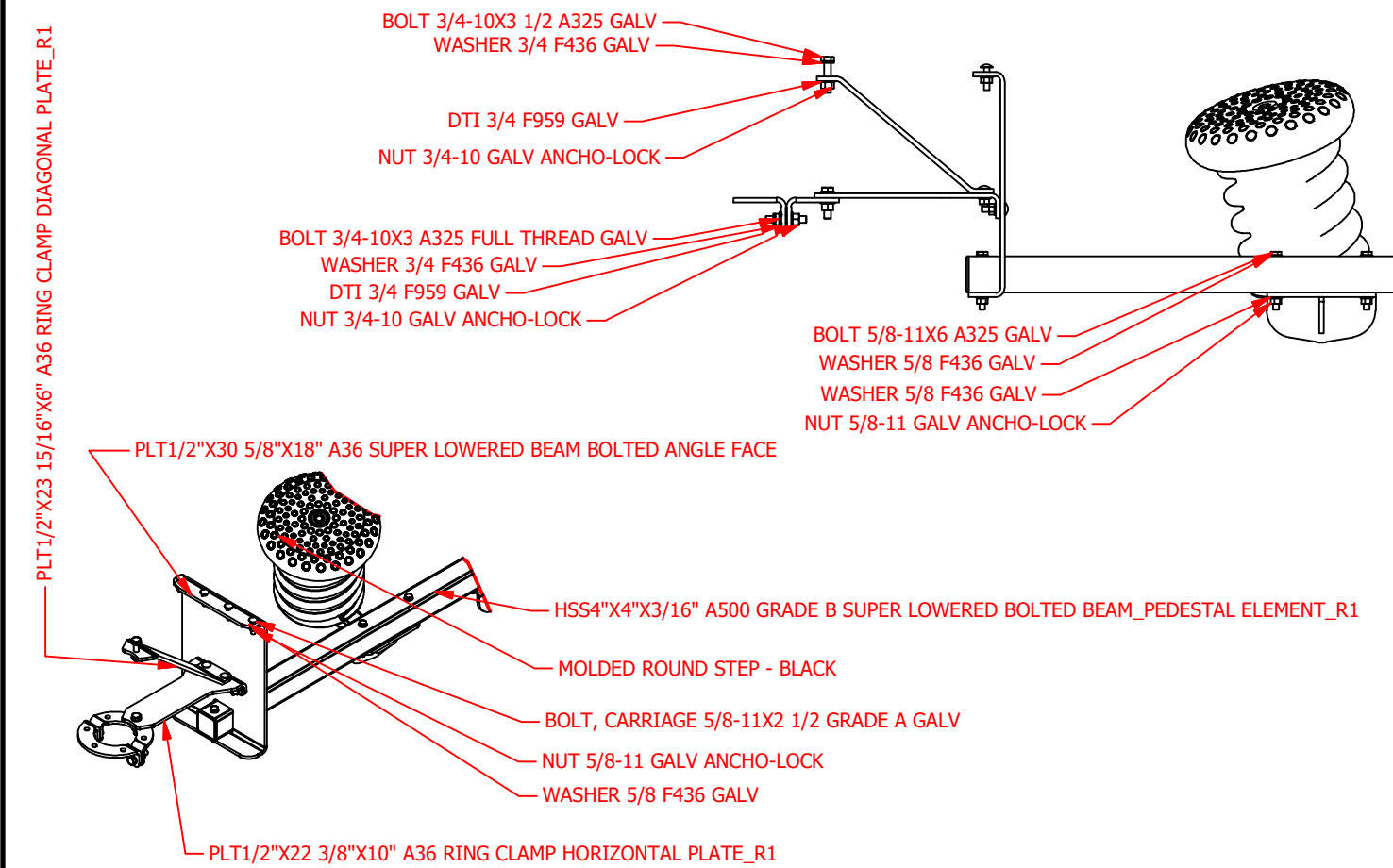
EL111 - BUMPY ROPE WALK



EL112 - KELP WALK



EL113 - BUMPY ZIG ZAG BEAM



EL114 - SPRING STEPS

