

| 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.

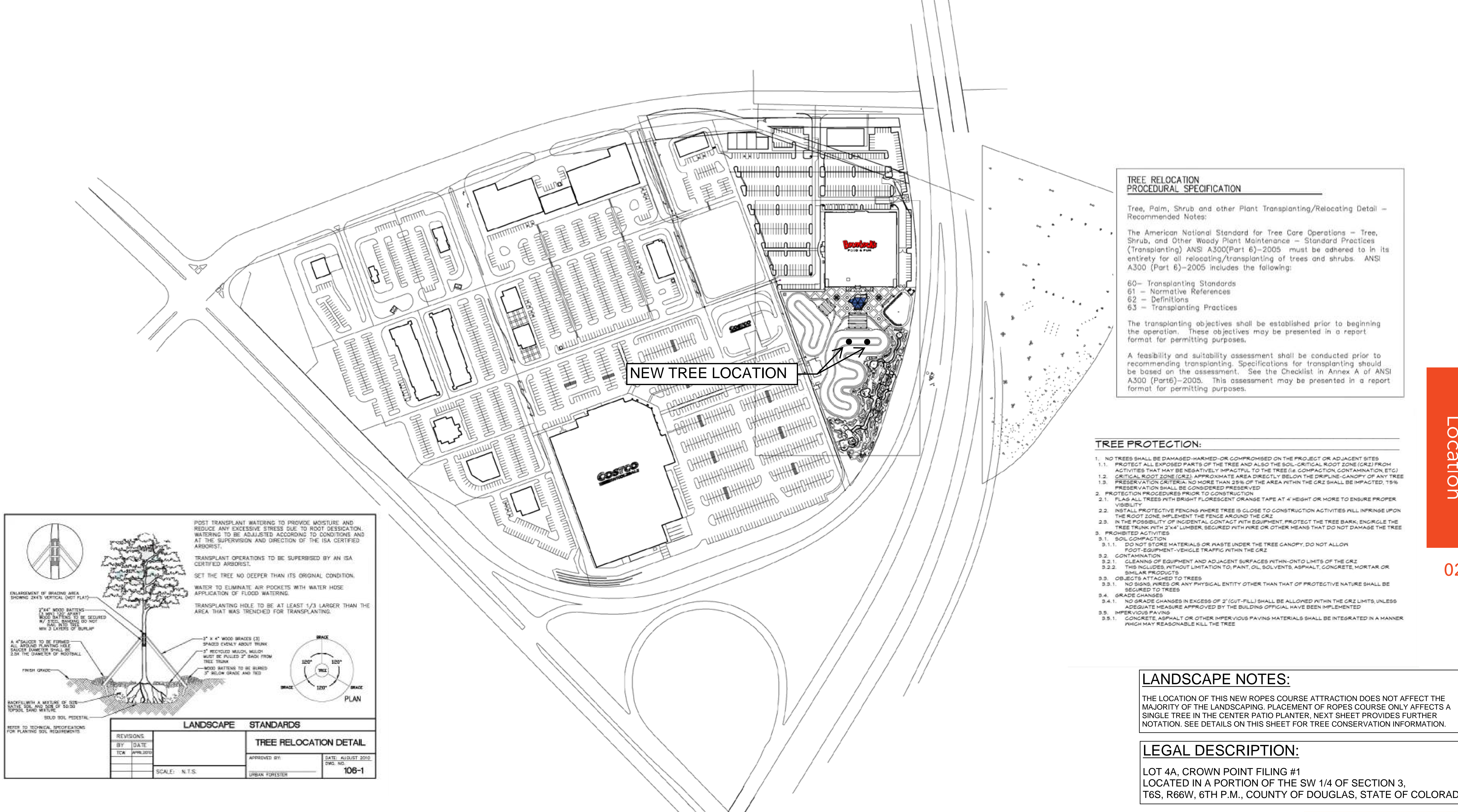
**LEGAL DESCRIPTION:**

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:**
1. NO TREES SHALL BE DAMAGED, HARMED OR COMPROMISED ON THE PROJECT OR ADJACENT SITES
  - 1.1. 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.)
  - 1.2. CRITICAL ROOT ZONE (CRZ): APPROXIMATE AREA DIRECTLY BELOW THE DRIPLINE–CANOPY OF ANY TREE
  - 1.3. PRESERVATION CRITERIA: NO MORE THAN 25% OF THE AREA WITHIN THE CRZ SHALL BE IMPACTED, 75% PRESERVATION SHALL BE CONSIDERED PRESERVED
  2. PROTECTION PROCEDURES PRIOR TO CONSTRUCTION
  - 2.1. FLAG ALL TREES WITH BRIGHT FLORESCENT ORANGE TAPE AT 4' HEIGHT OR MORE TO ENSURE PROPER VISIBILITY
  - 2.2. INSTALL PROTECTIVE FENCING WHERE TREE IS CLOSE TO CONSTRUCTION ACTIVITIES WILL INFRINGE UPON THE ROOT ZONE, IMPLEMENT THE FENCE AROUND THE CRZ
  - 2.3. 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
  3. PROHIBITED ACTIVITIES
  - 3.1. SOIL COMPACTION
  - 3.1.1. DO NOT STORE MATERIALS OR WASTE UNDER THE TREE CANOPY, DO NOT ALLOW FOOT-EQUIPMENT-VEHICLE TRAFFIC WITHIN THE CRZ
  - 3.2. CONTAMINATION
  - 3.2.1. CLEANING OF EQUIPMENT AND ADJACENT SURFACES WITHIN-ONTO LIMITS OF THE CRZ
  - 3.2.2. THIS INCLUDES, WITHOUT LIMITATION TO: PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR SIMILAR PRODUCTS
  - 3.3. OBJECTS ATTACHED TO TREES
  - 3.3.1. NO SIGNS, WIRES OR ANY PHYSICAL ENTITY OTHER THAN THAT OF PROTECTIVE NATURE SHALL BE SECURED TO TREES
  - 3.4. GRADE CHANGES
  - 3.4.1. 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
  - 3.5. IMPERVIOUS PAVING
  - 3.5.1. 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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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.

| REVISIONS |          | LANDSCAPE STANDARDS |  | TREE RELOCATION DETAIL |                   |
|-----------|----------|---------------------|--|------------------------|-------------------|
| BY        | DATE     |                     |  | APPROVED BY:           | DATE: AUGUST 2022 |
| TCM       | APR/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

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 January 06, 2022  
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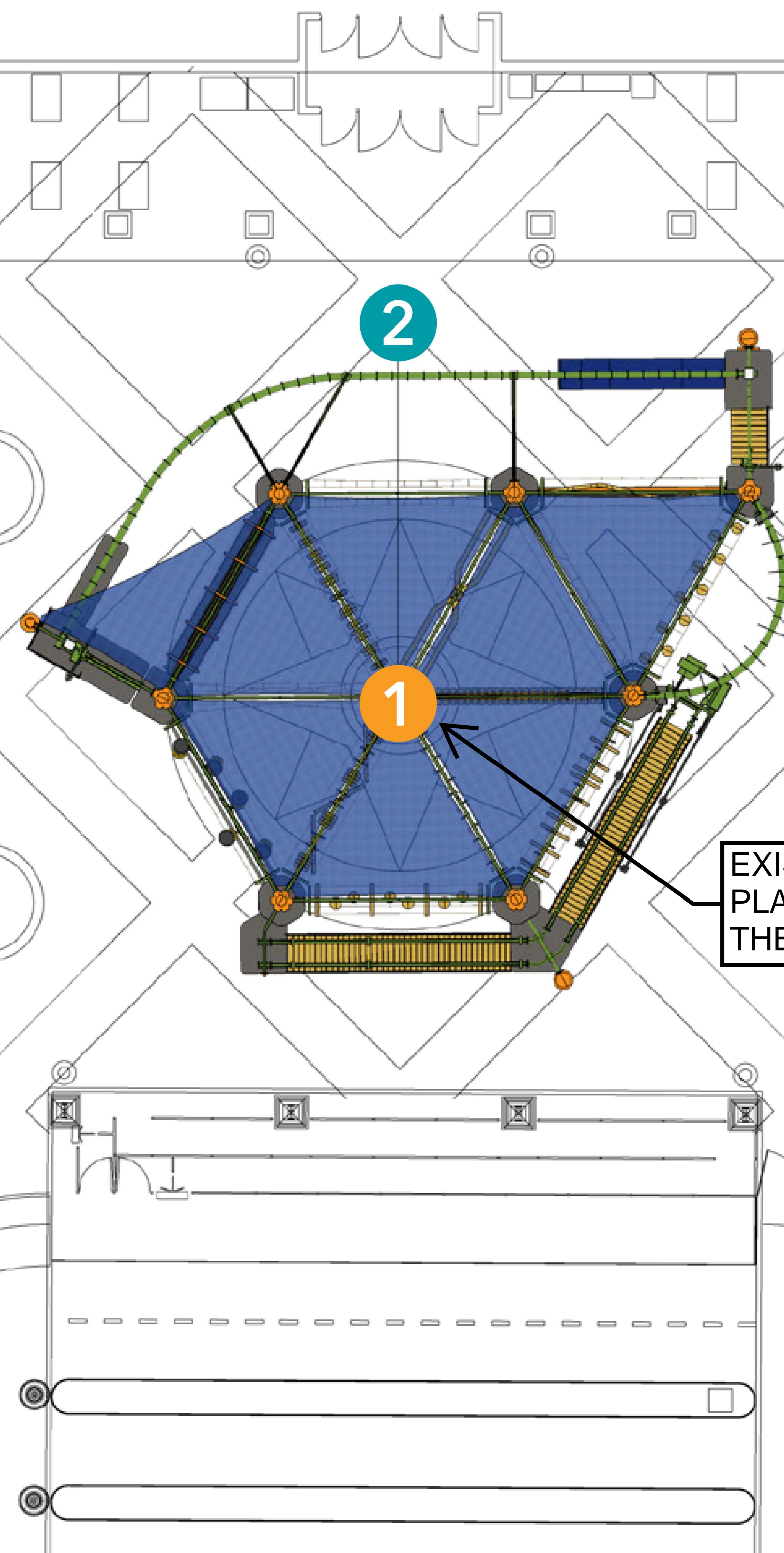


# LEGEND

- 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.



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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 <sup>2</sup> | 20.63m        | 17.51m | 361m <sup>2</sup> |
| <b>Distance Between Columns</b>                            |          | 20' 0"   |        |                      | 6.10m         |        |                   |
| <b>Total Sky Rail® Length</b>                              |          | 67' 5"   |        |                      | 20.55m        |        |                   |
| <b>Clearance Under Course</b>                              |          | 9' 0"  |        |                      | 2.74m         |        |                   |
| <b>Platform Heights</b>                                    |          | 12' 0" / 24' 0"  |        |                      | 3.66m / 7.32m |        |                   |
| <b>Top of Steel Height</b>                                 |          | 38' 0"   |        |                      | 11.59m        |        |                   |
| <b>Features</b>  |          | Sky Rail®<br>Popular Elements:<br>- Rolling Log<br>- Roller Rail |        |                      |               |        |                   |

**Customizations:**

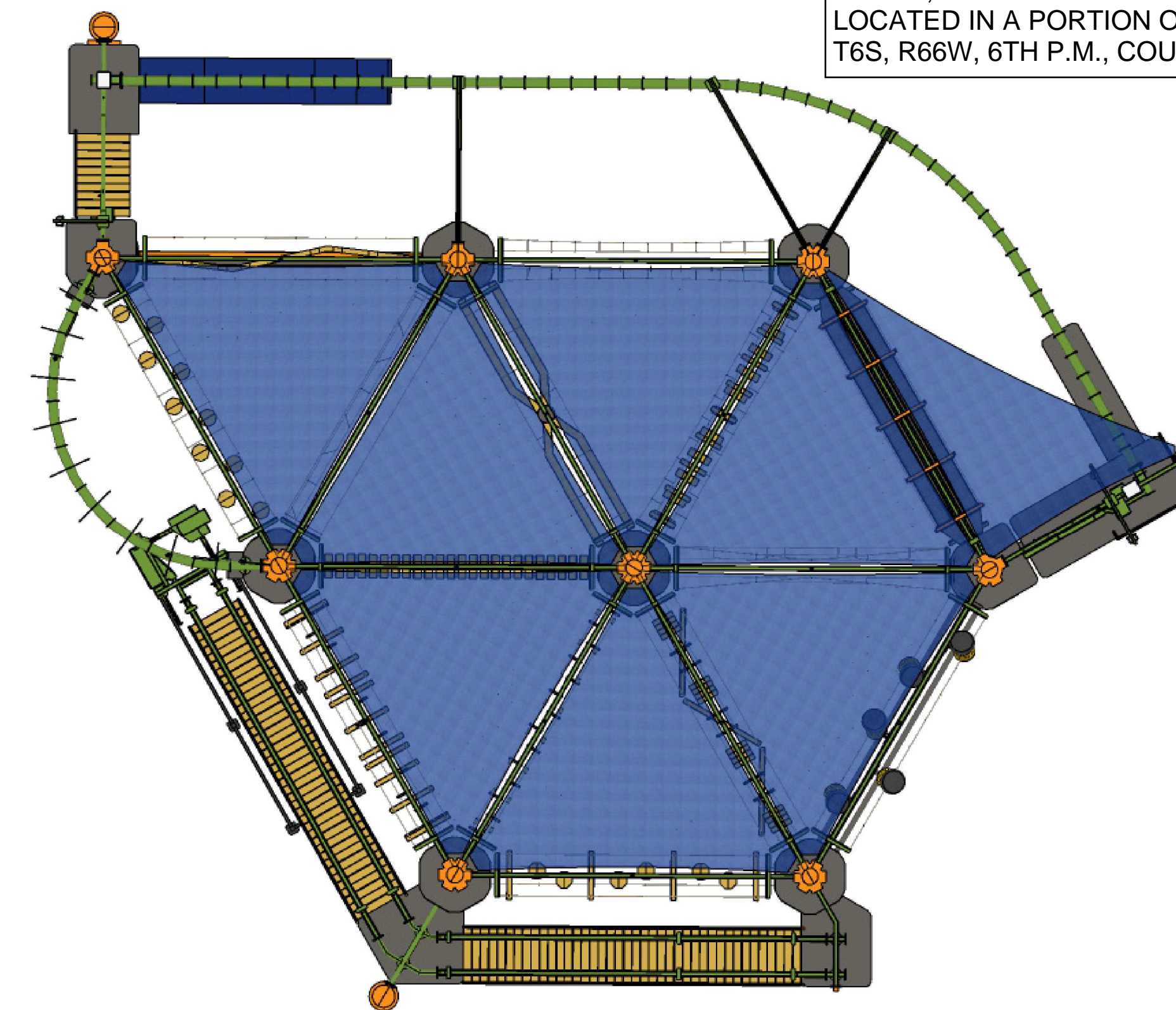
- Column hand holes - See column details
- Sun shade over takeoff platform

COLORS APPROVED

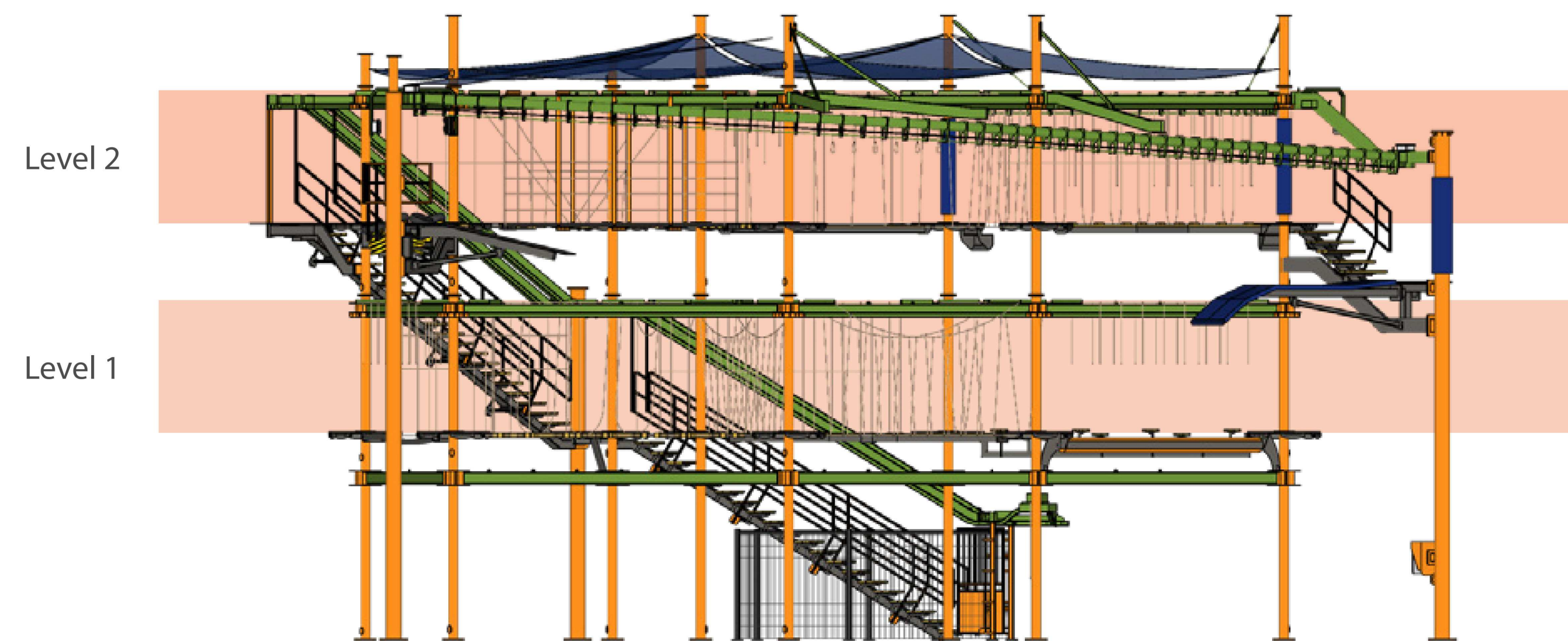
|                          |                                 |                        |                   |                     |                    |                             |
|--------------------------|---------------------------------|------------------------|-------------------|---------------------|--------------------|-----------------------------|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

**FINAL COLOR SCHEME**

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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/m<sup>2</sup>)  
 STAIRS AND EXITS = 100 PSF or (4,788 KN/m<sup>2</sup>)  
 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<sub>s</sub> = 0.2  
 F<sub>a</sub> = 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<sub>y</sub> = 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  
 1. ALL CONCRETE SHOULD HAVE STONE AGGREGATE (NORMAL WEIGHT). 28-DAY COMPRESSIVE STRENGTH (f'<sub>c</sub>) SHOULD BE 4000PSI or 27.58 MPa MINIMUM FOR CAST-IN-PLACE CONCRETE.  
 2. REINFORCING BARS SHOULD BE MILD STEEL WITH A MINIMUM YIELD STRENGTH OF 60 KSI or 413.685 MPa.  
 3. REINFORCING BAR PROTECTION:  
 A. CONCRETE PLACED AGAINST EARTH - 3" or 7.5 cm  
 B. CONCRETE PLACED IN FORMS - 1 1/2" or 3.81 cm  
 4. FIELD WELDING OF REINFORCING SHOULD NOT BE PERMITTED.  
 5. ALL REINFORCING BAR BENDS SHOULD BE MADE MECHANICALLY HEAT-BENDING SHOULD NOT BE PERMITTED.  
 6. NON-SHRINK GROUT = 5000 PSI or 34473.79 KN/m<sup>2</sup>

FOUNDATIONS  
 BASED UPON PRESUMPTIVE LOAD-BEARING VALUES OF SOILS FROM SECTION 1806 OF IBC 2009.  
 ALLOWABLE FOUNDATION PRESSURE = 1500 PSF or 71.82 KN/m<sup>2</sup>  
 LATERAL BEARING = 100 PSF/FT or (4,788 KN/m<sup>2</sup> per 30.48cm) BELOW GRADE  
 LATERAL SLIDING = 130 PSF or 6.224 KN/m<sup>2</sup>

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:  
 1) WHEN THE NUT IS TURNED AND THE DTI IS LOCATED UNDER THE BOLT HEAD, AN ASTM F436 WASHER SHALL BE USED UNDER THE NUT  
 2) 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  
 3) 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.  
 4) 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.

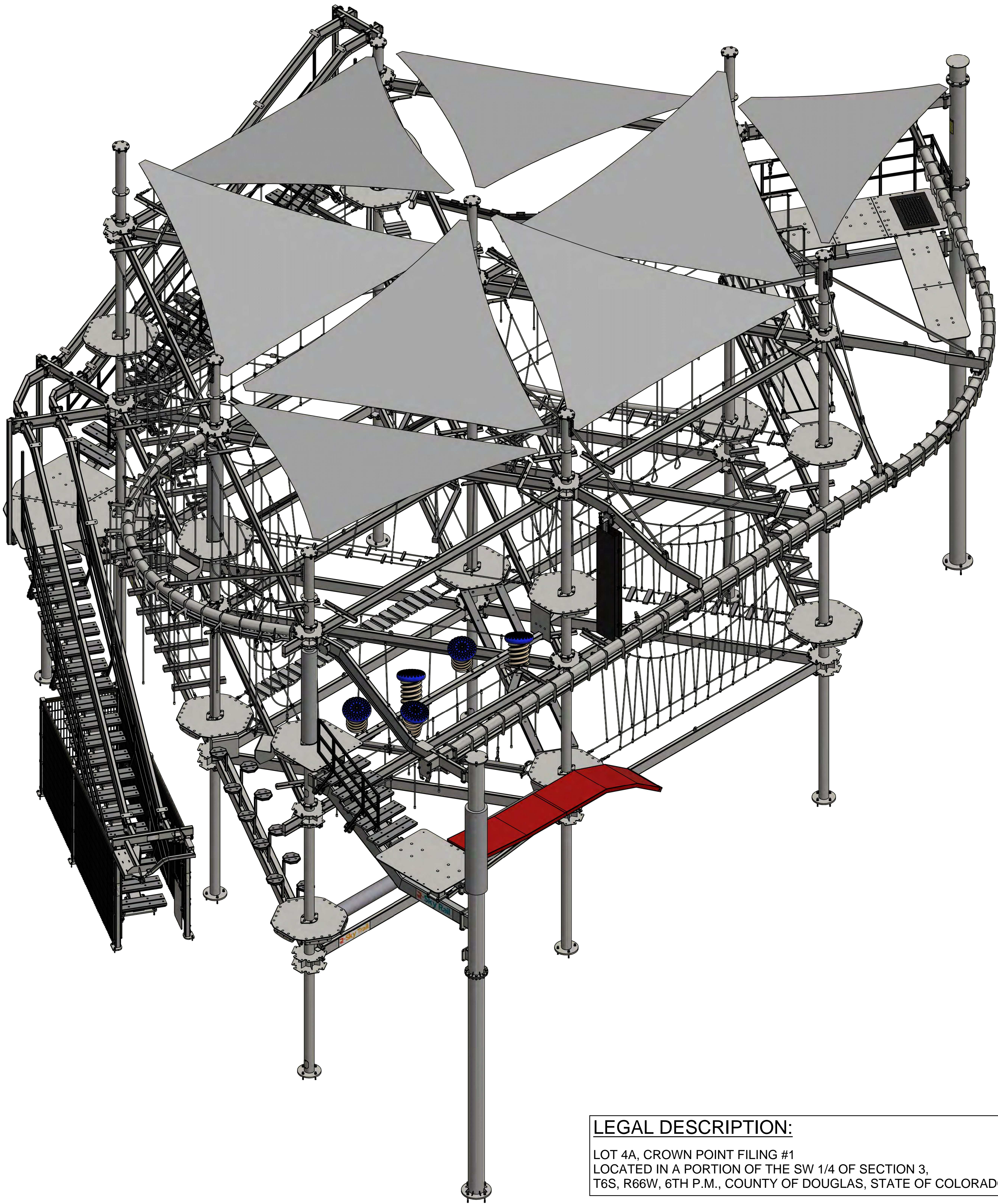
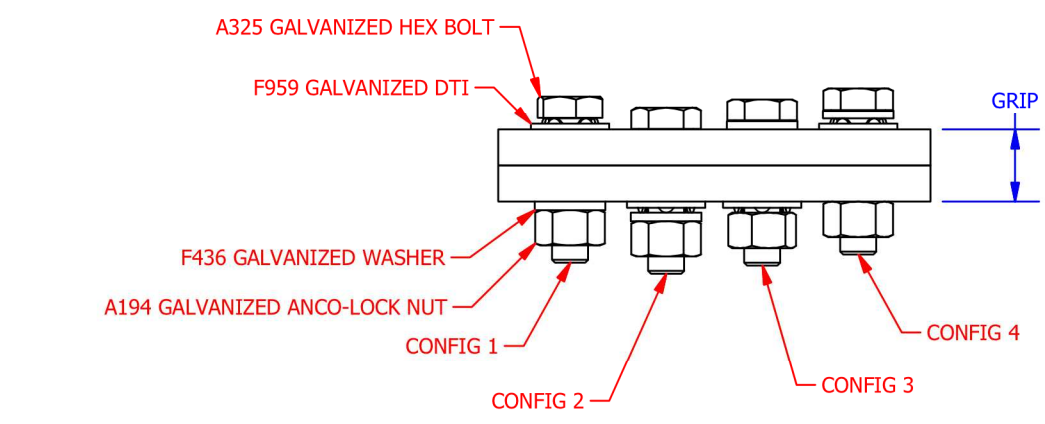
**SYSTEMATIC TIGHTENING**

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.



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 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

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1.0 SHEET

SITE ADDRESS: BOONDOCKS FOODTRUCK-PARKER  
 18706 COTTONWOOD DR, PARKER  
 CO 80138, USA

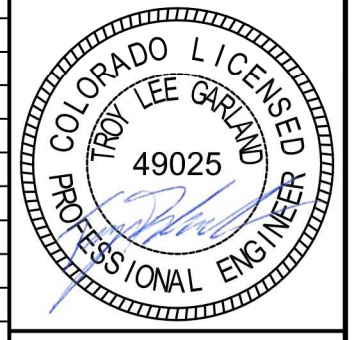
JOB NO: 10615  
 PROJECT NAME: BOONDOCKS FOOD  
 & BEV - PARKER

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

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



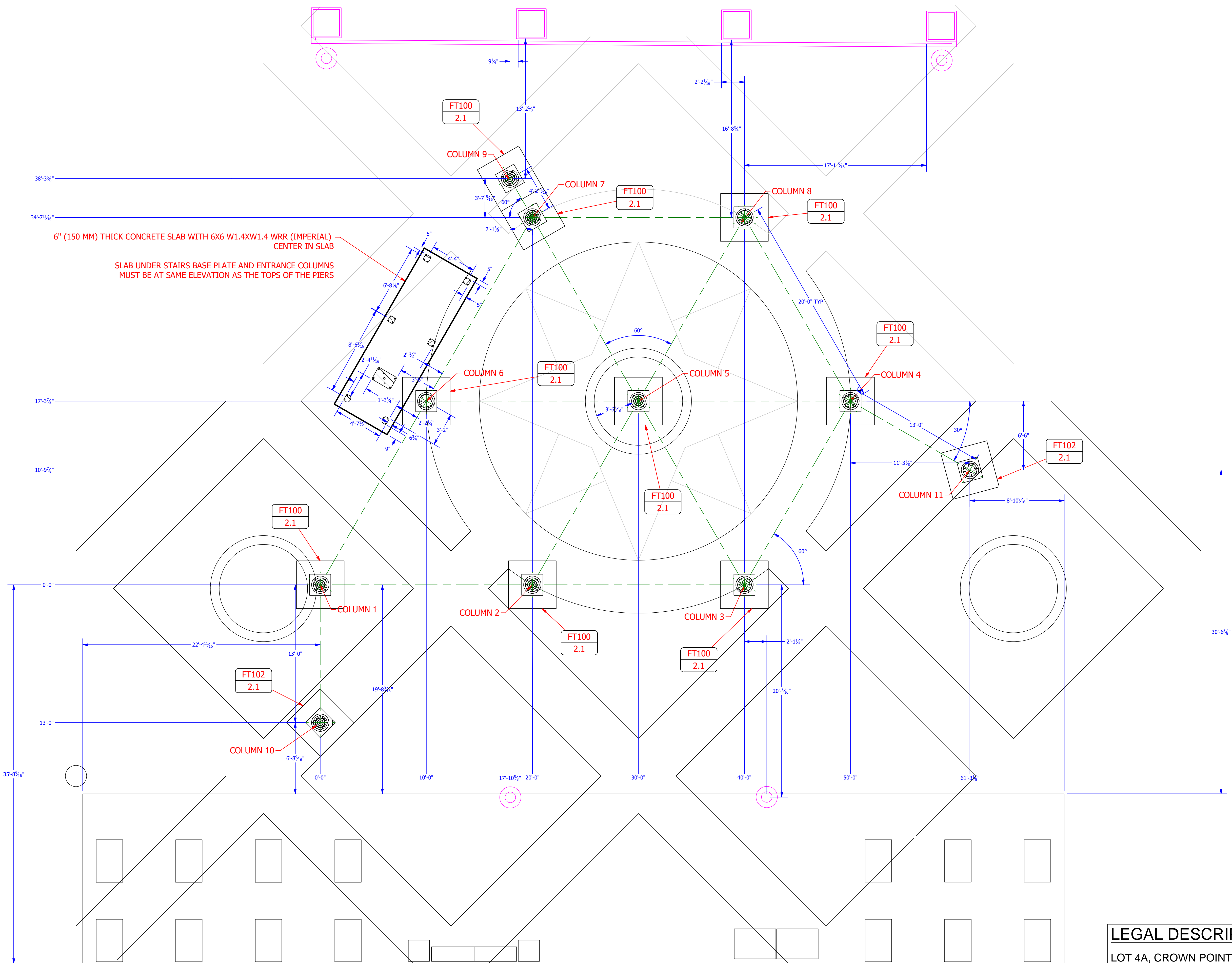
COVER SHEET



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          |



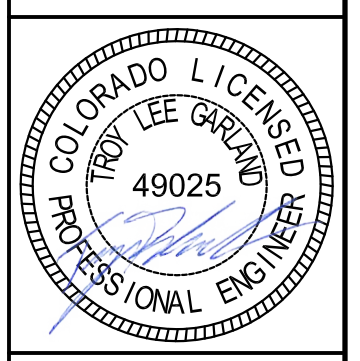
6" (150 MM) THICK CONCRETE SLAB WITH 6X6 W1.4XW1.4 WRR (IMPERIAL) CENTER IN SLAB  
 SLAB UNDER STAIRS BASE PLATE AND ENTRANCE COLUMNS MUST BE AT SAME ELEVATION AS THE TOPS OF THE PIERS

**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 HAYES

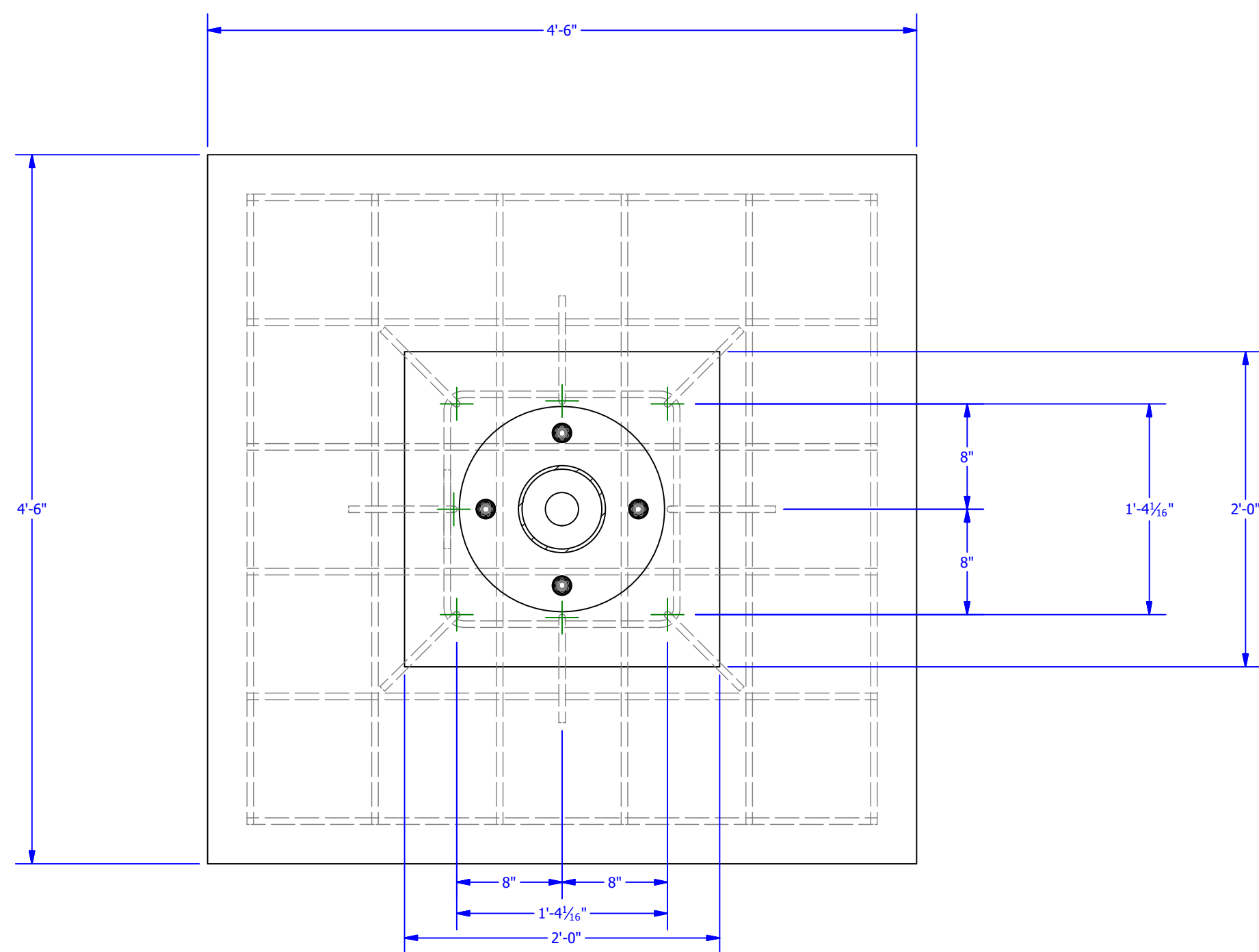
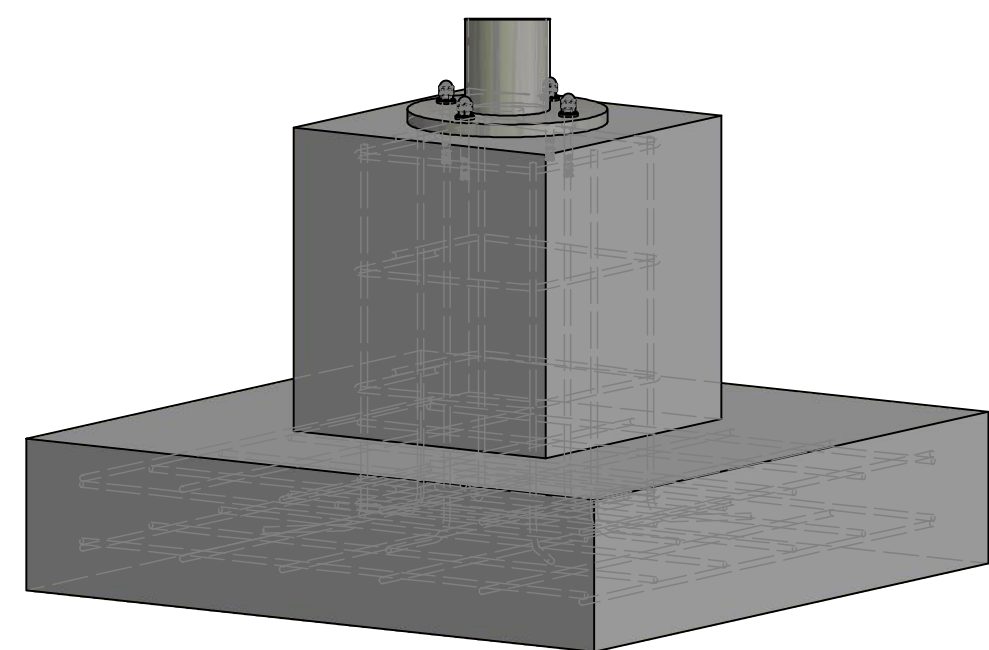


COURSE FOOTING LAYOUT

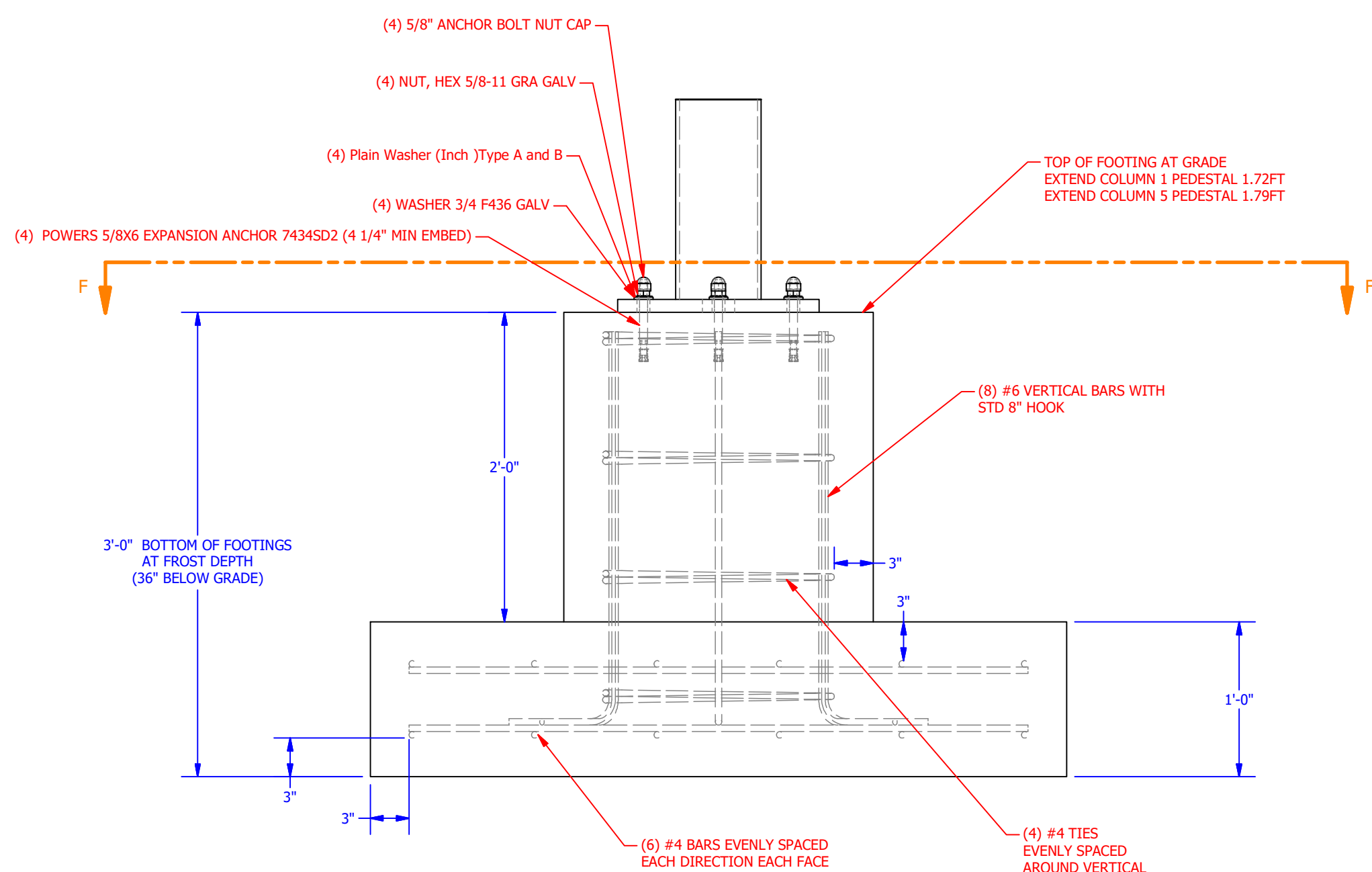


NOTES:

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.



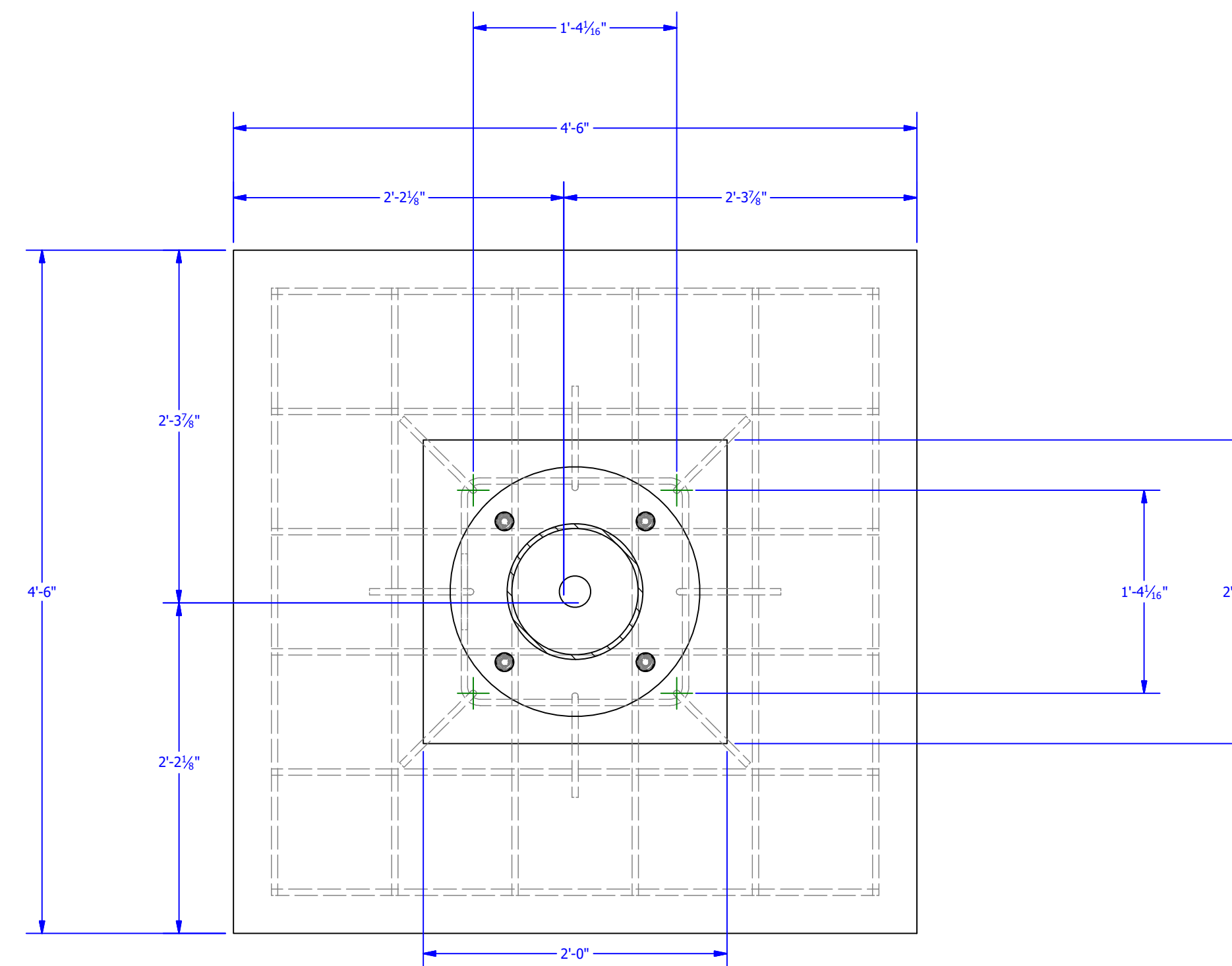
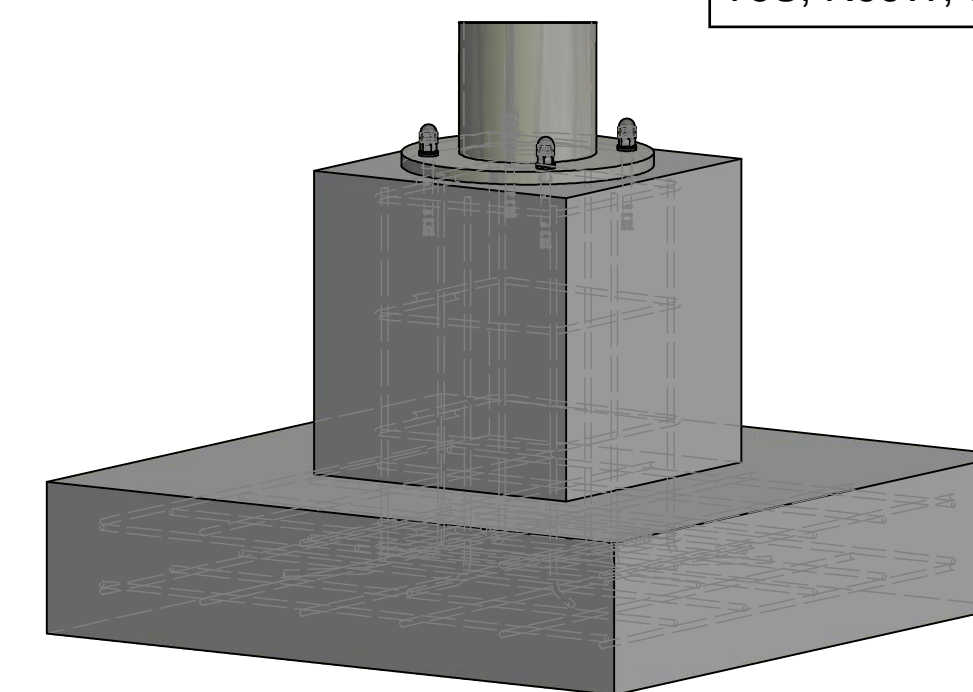
VIEW F-F  
SCALE 1/10



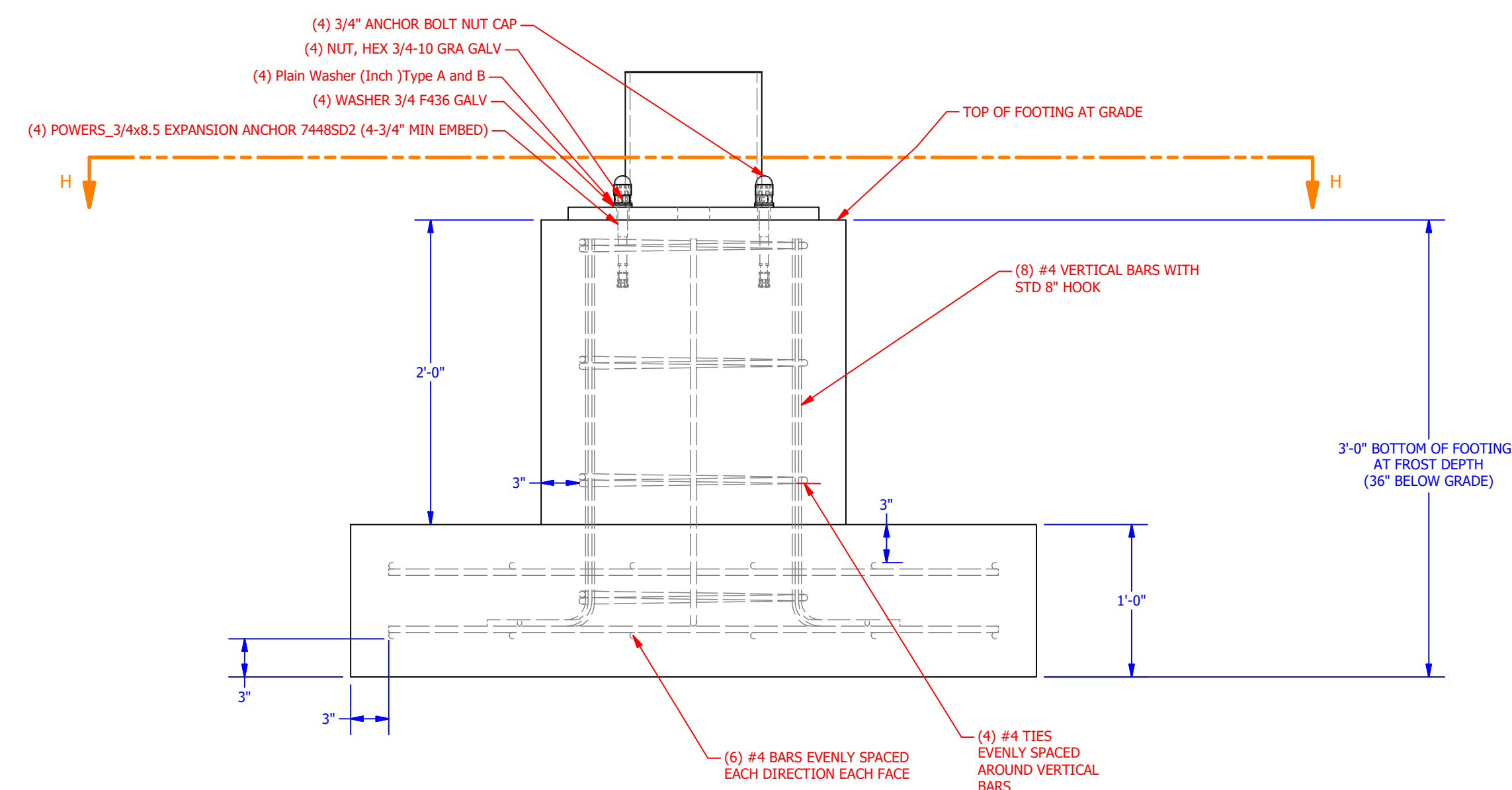
**FT100 - MAIN COLUMN SPREAD FOOTING**

**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

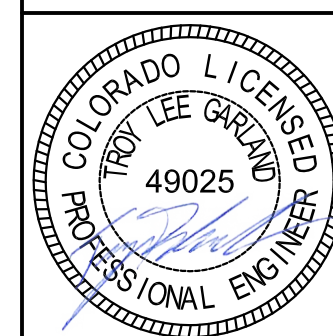


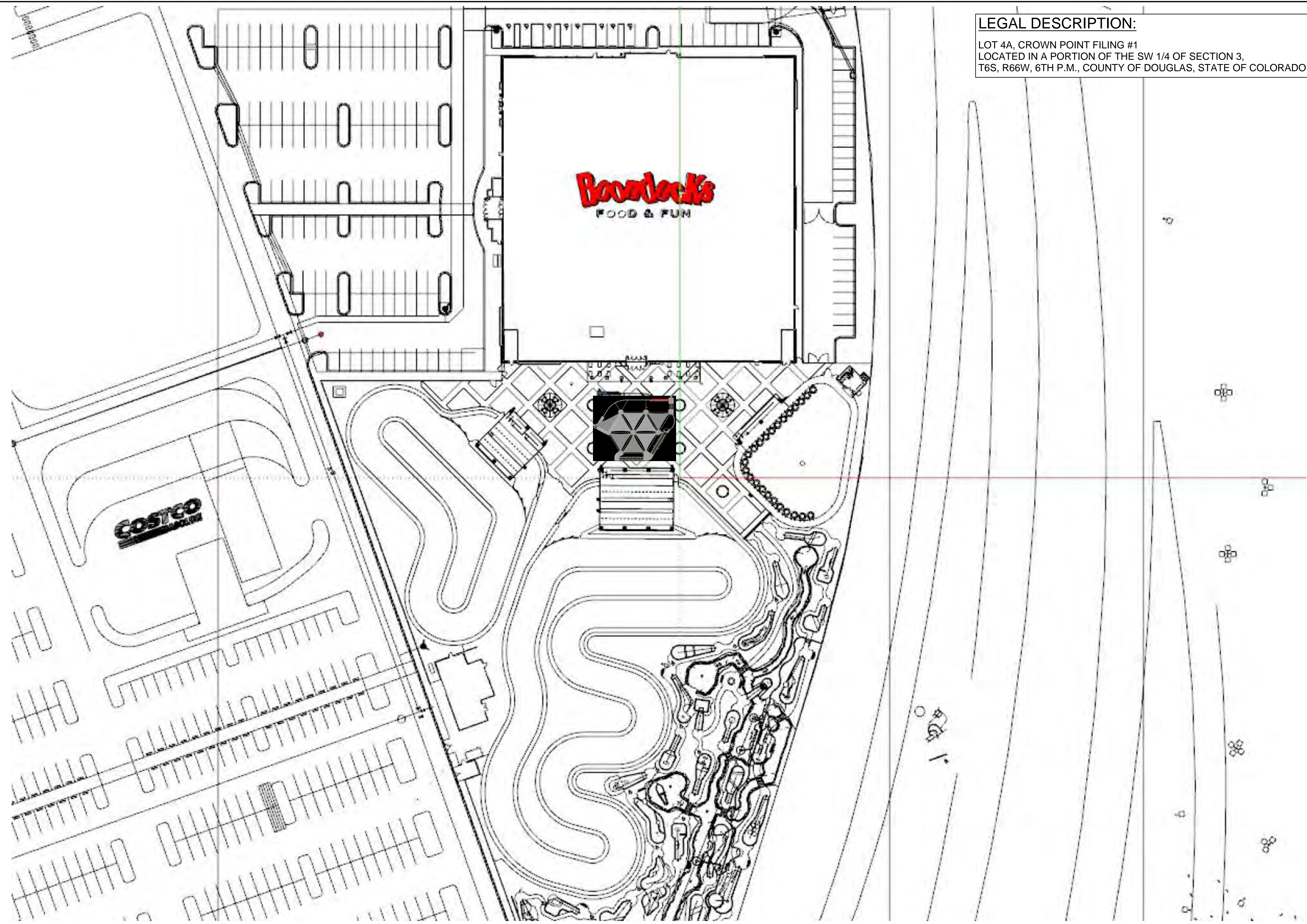
**FT101 - SKY RAIL COLUMN SPREAD FOOTING**

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



COURSE FOUNDATIONS DETAILS



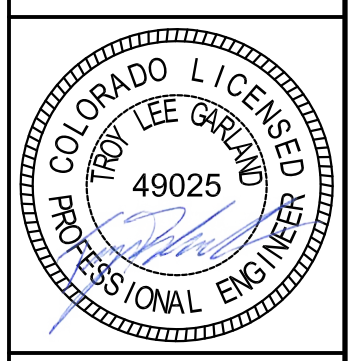


**LEGAL DESCRIPTION:**  
 LOT 4A, CROWN POINT FILING #1  
 LOCATED IN A PORTION OF THE SW 1/4 OF SECTION 3,  
 T6S, R66W, 6TH P.M., COUNTY OF DOUGLAS, STATE OF COLORADO

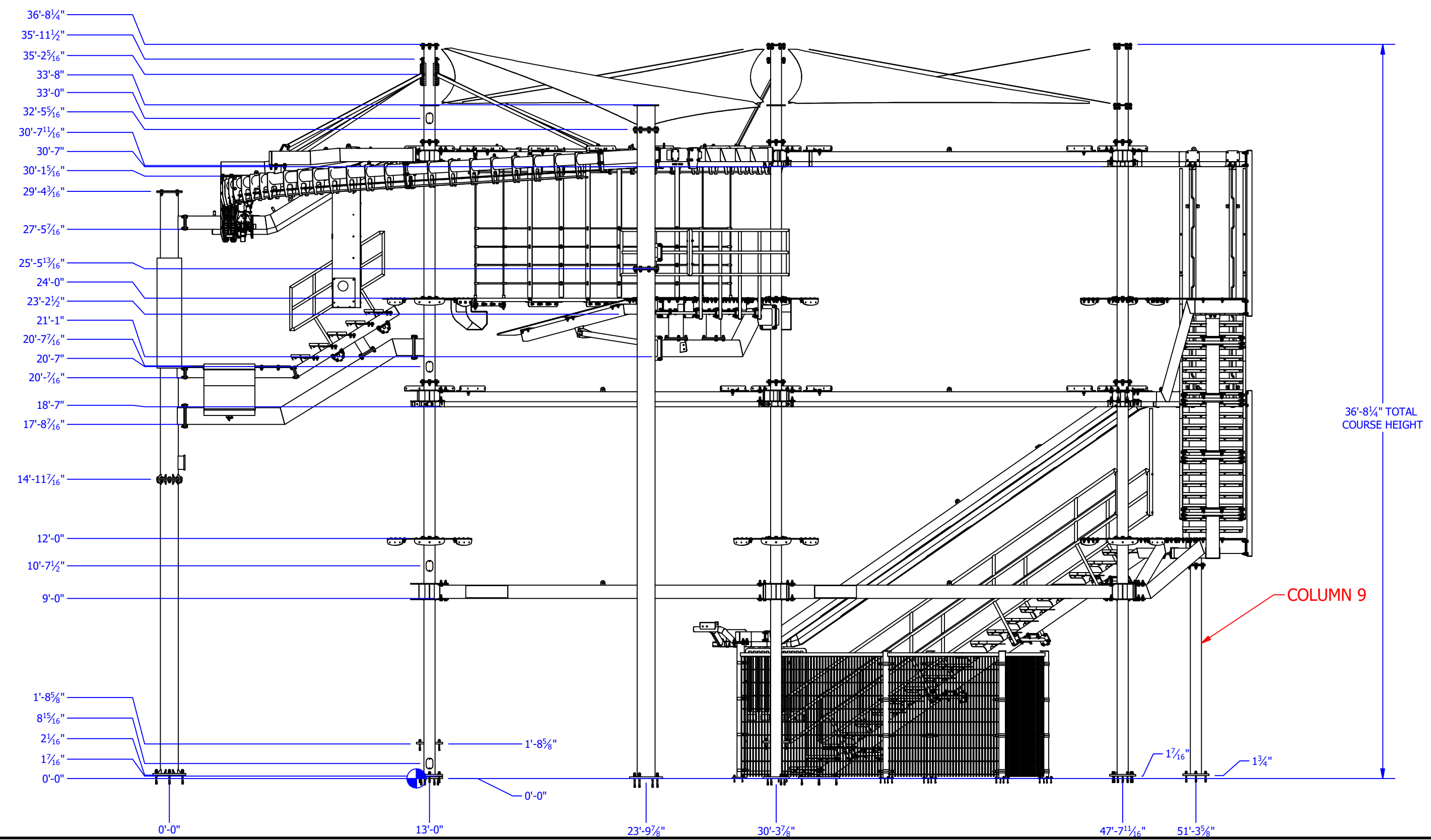
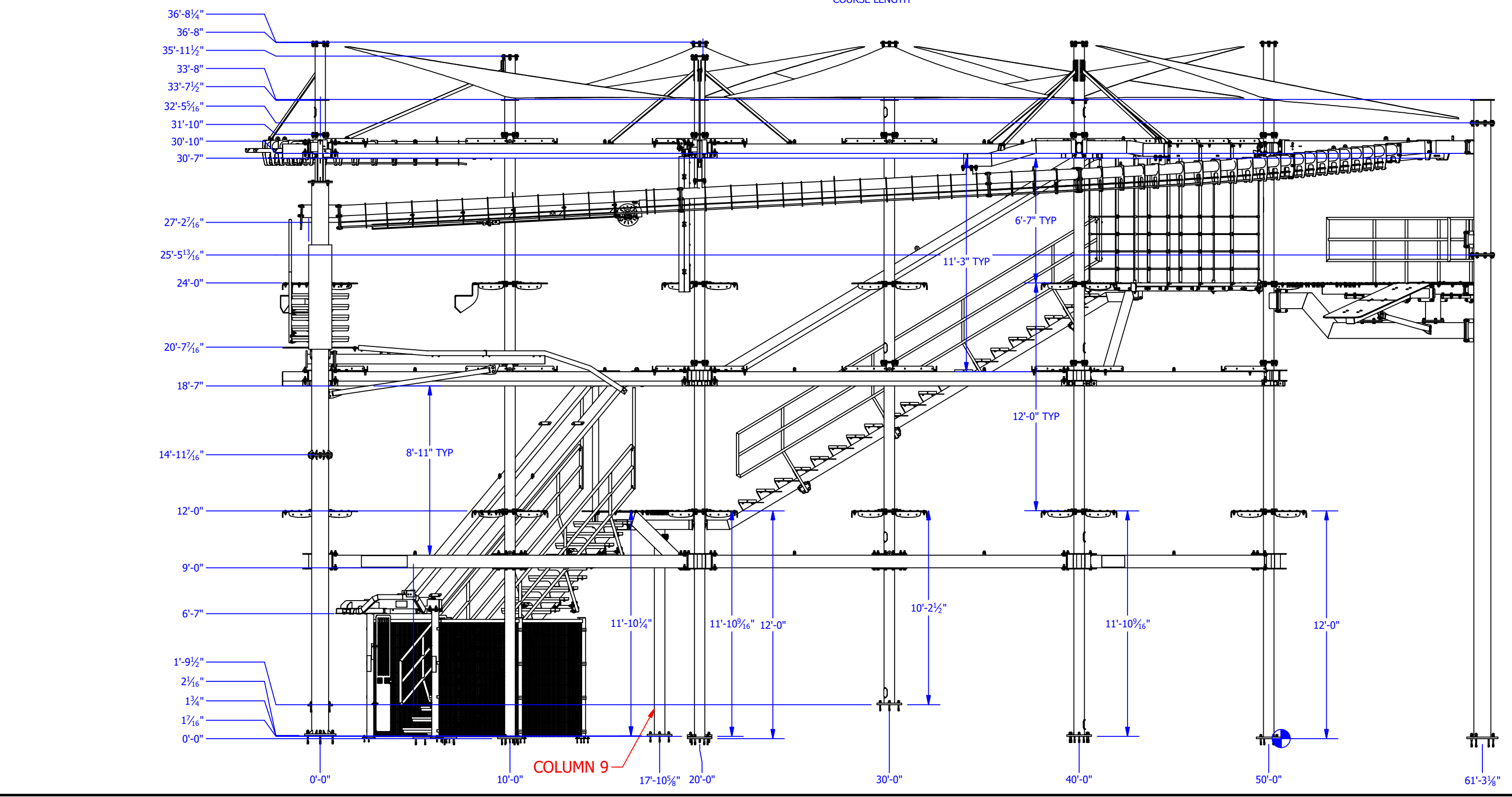
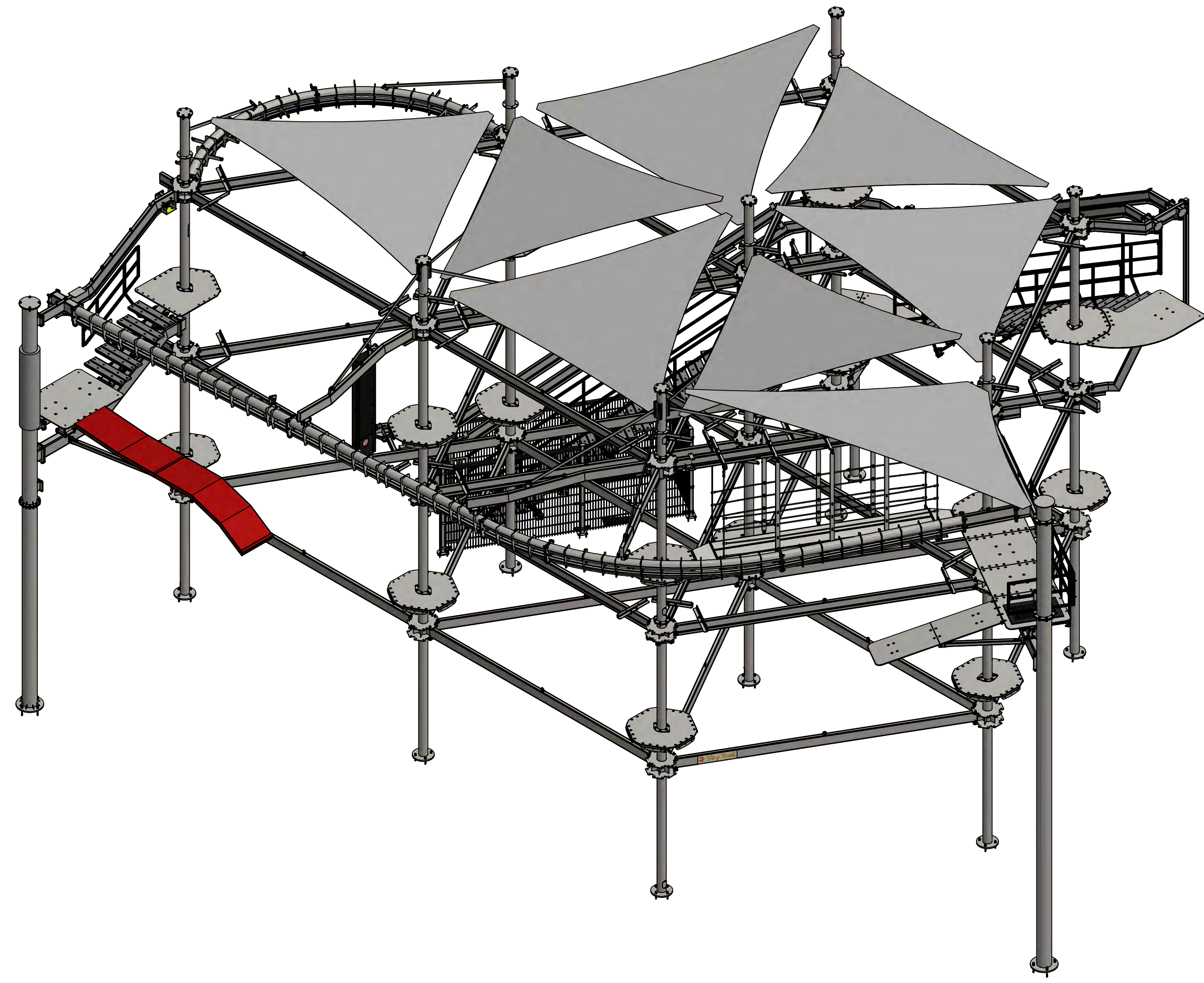
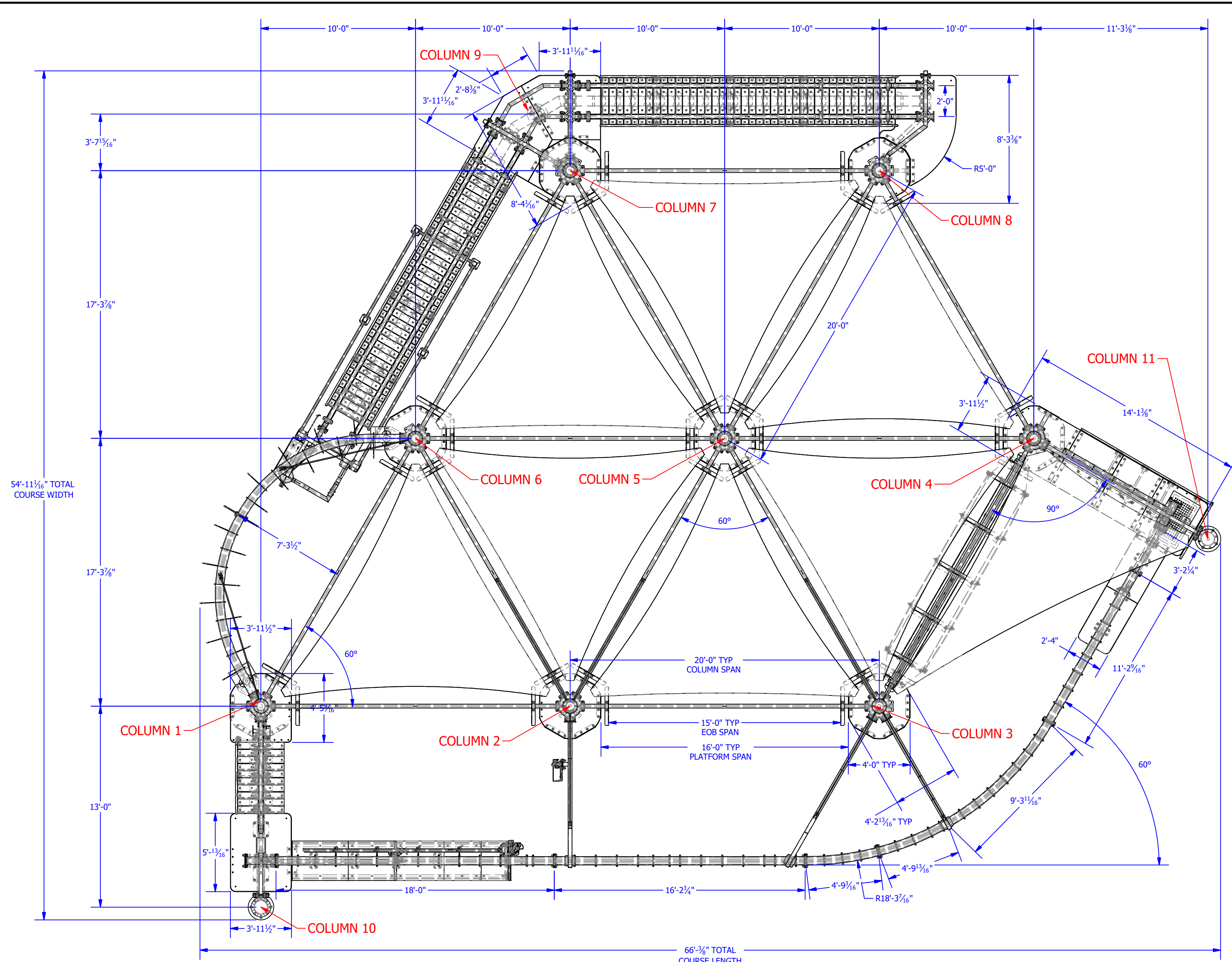
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 SITE ADDRESS: BOONOCKS FOOD&FUN-PARKER 18706 COTTONWOOD DR, PARKER CO 80138, USA  
 PROJECT NAME: BOONOCKS FOOD & FUN - PARKER  
 JOB NO: 10615  
 DESCRIPTION: 8 POLE 2 LEVEL CUSTOM SKY TRAIL® DISCOVERY WITH (1) 60' SKY RAIL® AND SUN SHADES  
 AUTHOR: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



COURSE LOCATION



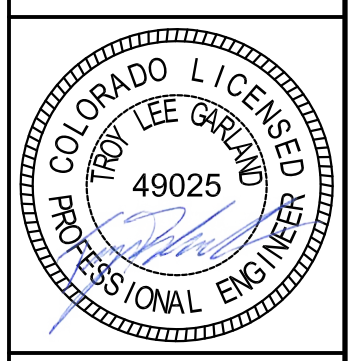
SHEET: 2.2



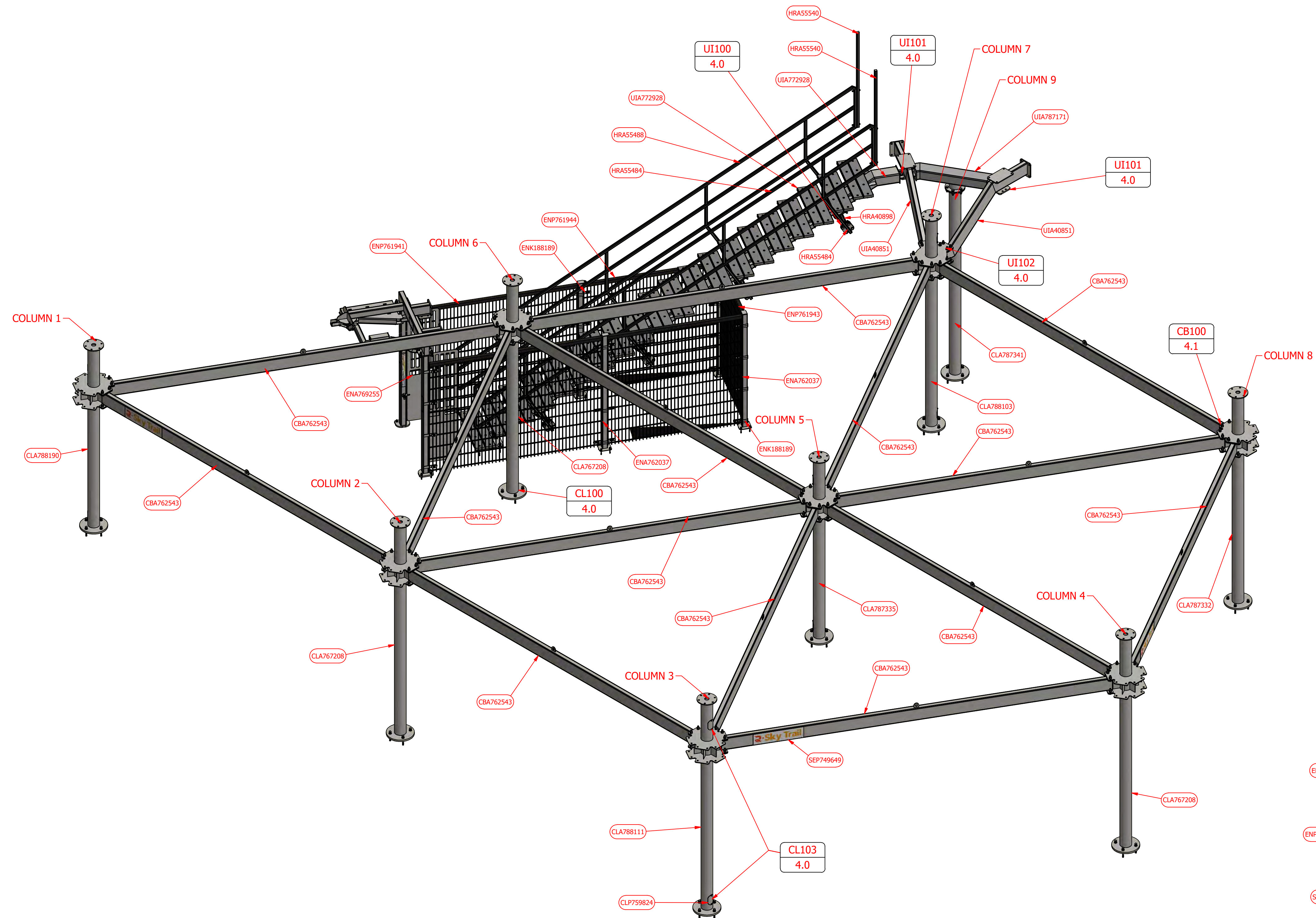
SHEET: 3.0  
 BOONDOCKS FOOD&FUN-PARKER  
 18706 COTTONWOOD DR. PARKER  
 CO 80138, USA  
 PROJECT NAME: BOONDOCKS FOOD  
 JOB NO: 16615  
 ADVENTURE PRODUCTS  
 277 North St. Aligent, MI 48103  
 www.repsystems.com  
 DESCRIPTION: 8 POLE 2 LEVEL CUSTOM SKY TRAIL@ DISCOVERY  
 WITH (1) 60P SKY RAIL@ AND SUN SHADES  
 AUTHOR: ROSTAM DATE: 11/23/2021 REV:



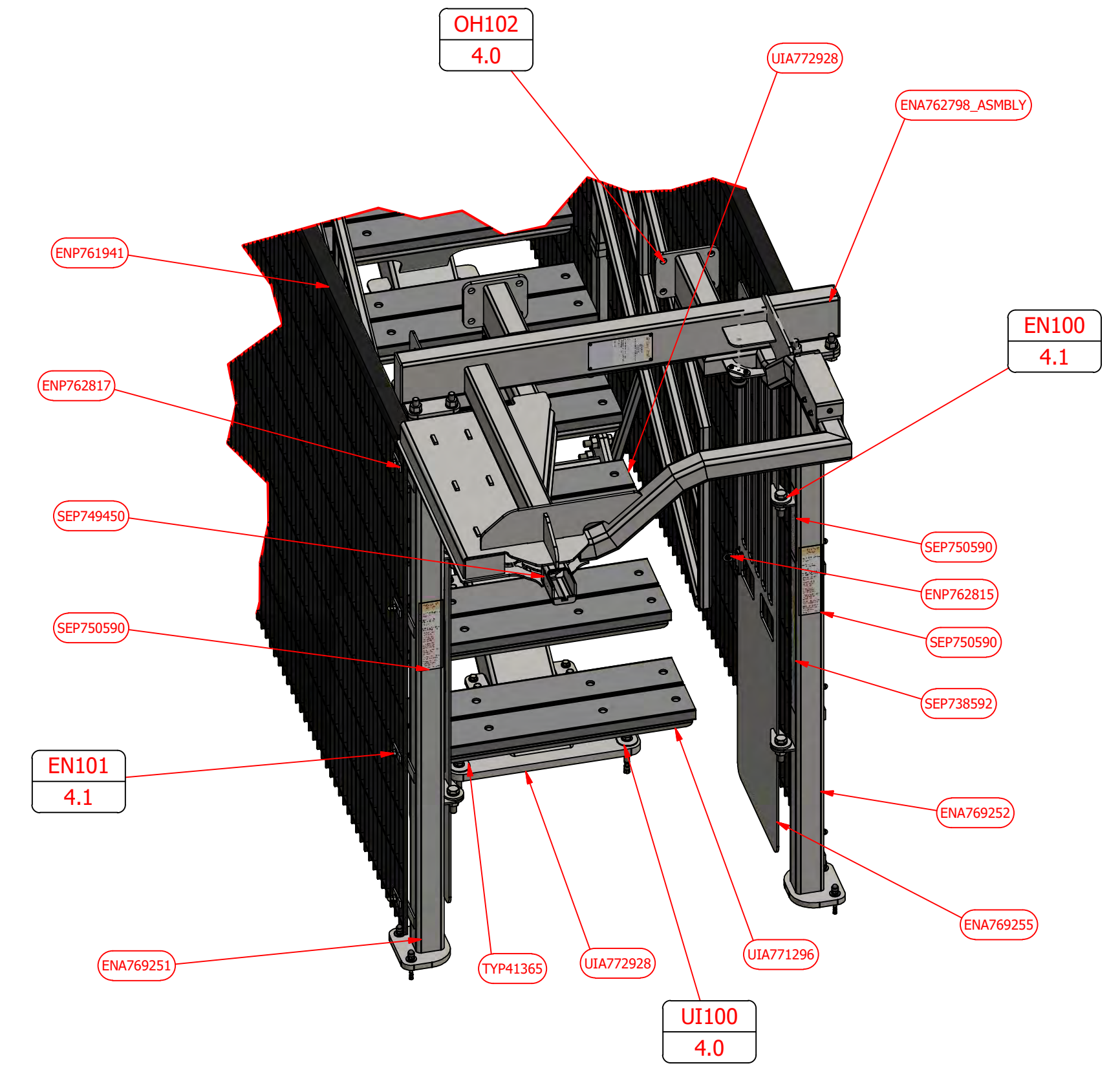
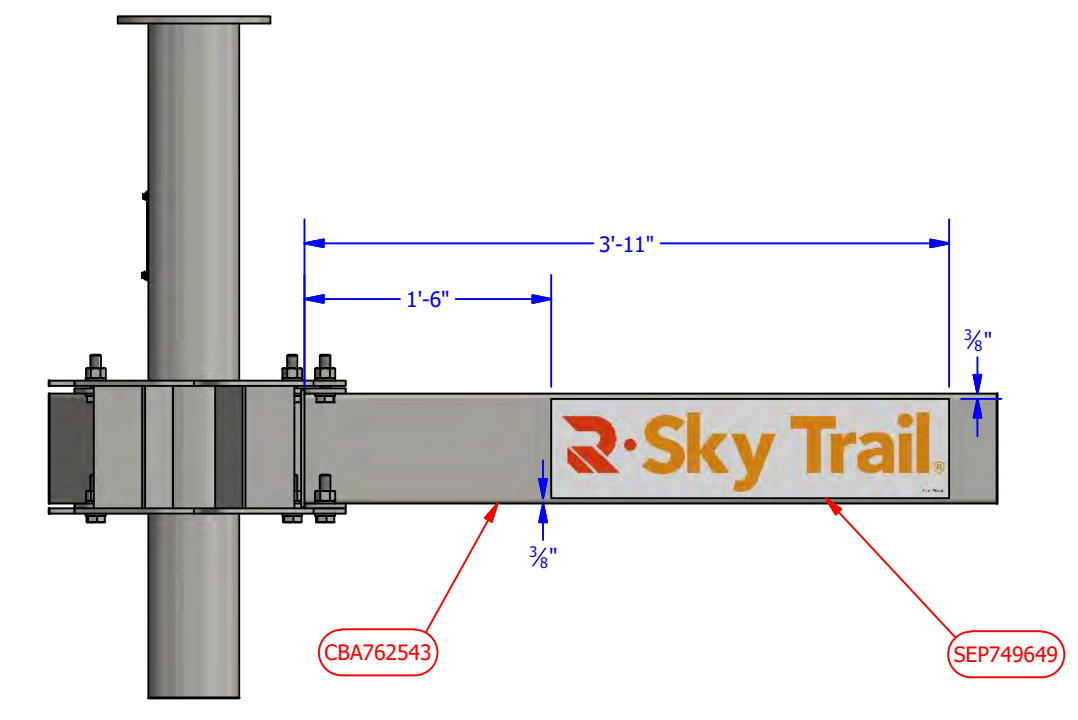
COURSE FRAME LAYOUT



SHEET: 3.0



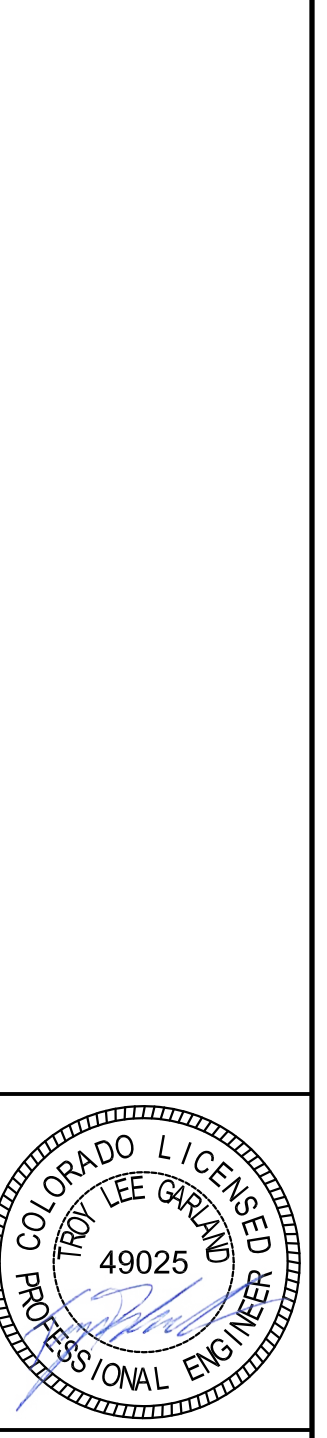
| PARTS LIST       |    | DESCRIPTION   | MASS             |
|------------------|----|---|------------------|
| CB762543         | 14 | DST - COMPRESSION BEAM WELDMENT_R2  | 260.9836 lbmass  |
| CLA767208        | 3  | NAV/DST - 6-WAY BOTTOM COLUMN WELDMENT  | 373.9656 lbmass  |
| CLA787332        | 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  
 CO 80139, USA  
 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:

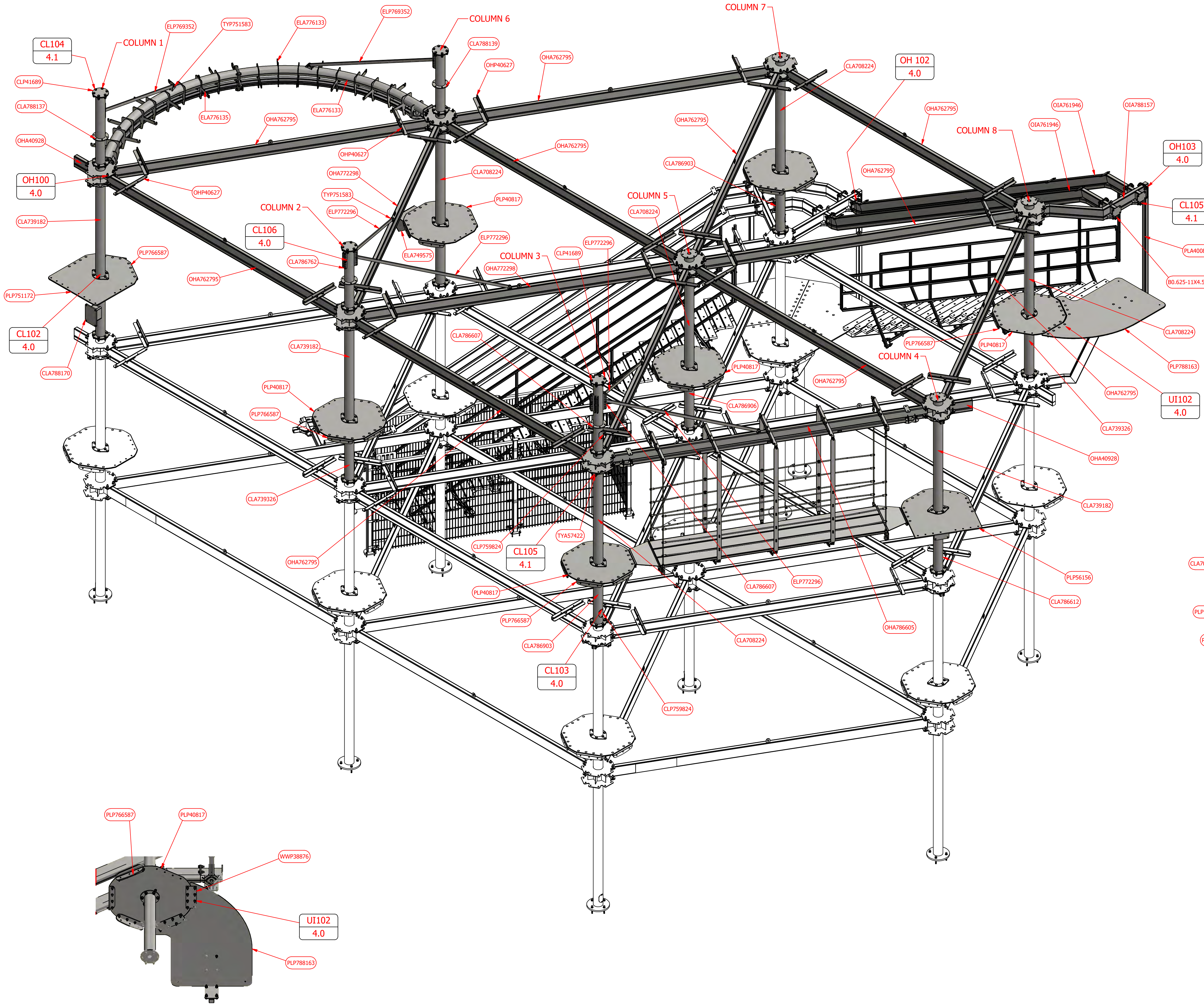


GROUND LEVEL FRAME DETAILS

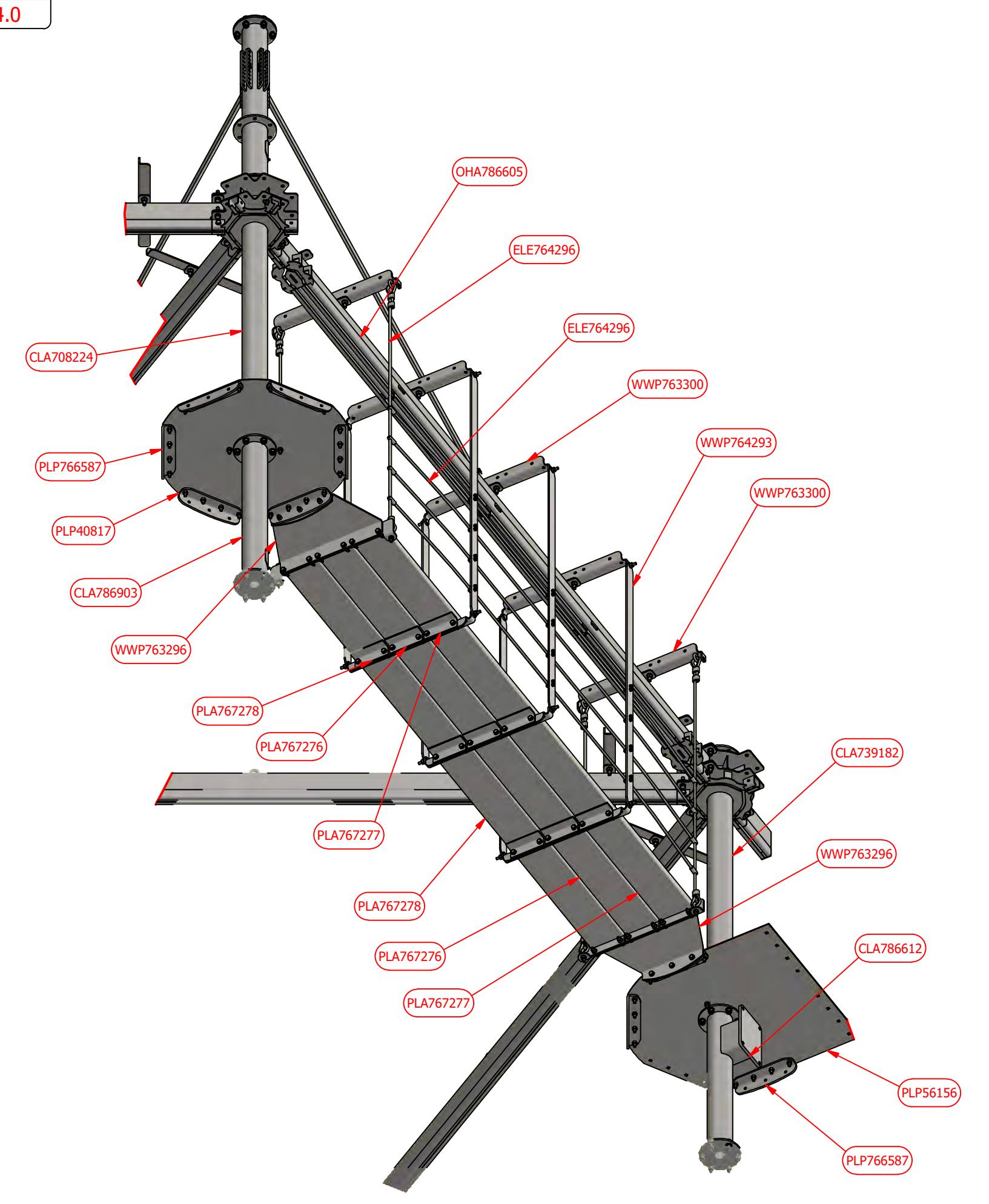


SKY TRAIL BRAND COURSE STICKER DETAIL





| LEVEL 1 PARTS LIST |          |  |                 |
|--------------------|----------|--|-----------------|
| PART NUMBER        | ITEM QTY | DESCRIPTION  | MASS            |
| 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        | PLT11/8"x36 5/4 1/8"x53 5/32" 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        | WR-HAIN COMBI ASSEMBLY   | 14.2847 lbmass  |
| ELP769352          | 2        | HRF3/4"x2" A36 DST2020 - ROLLER RAIL TENSION BAR_RD                      | 47.2647 lbmass  |
| ELP772296          | 4        | PLT3/4"x19 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

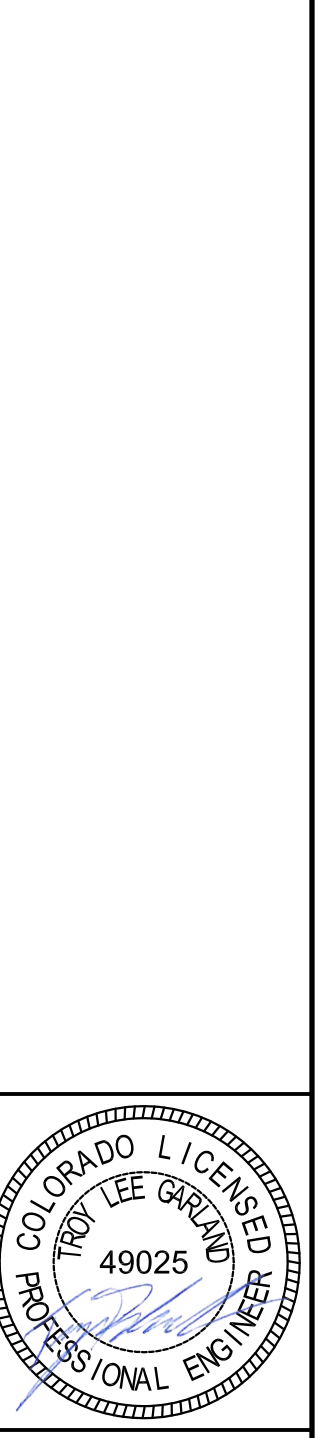
DESCRIPTION: 8 POLE 2 LEVEL CUSTOM SKY TRAIL@ DISCOVERY WITH (1) 60P SKY RAIL@ AND SUN SHADES

AUTHOR: ROSTAM DATE: 11/23/2021 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

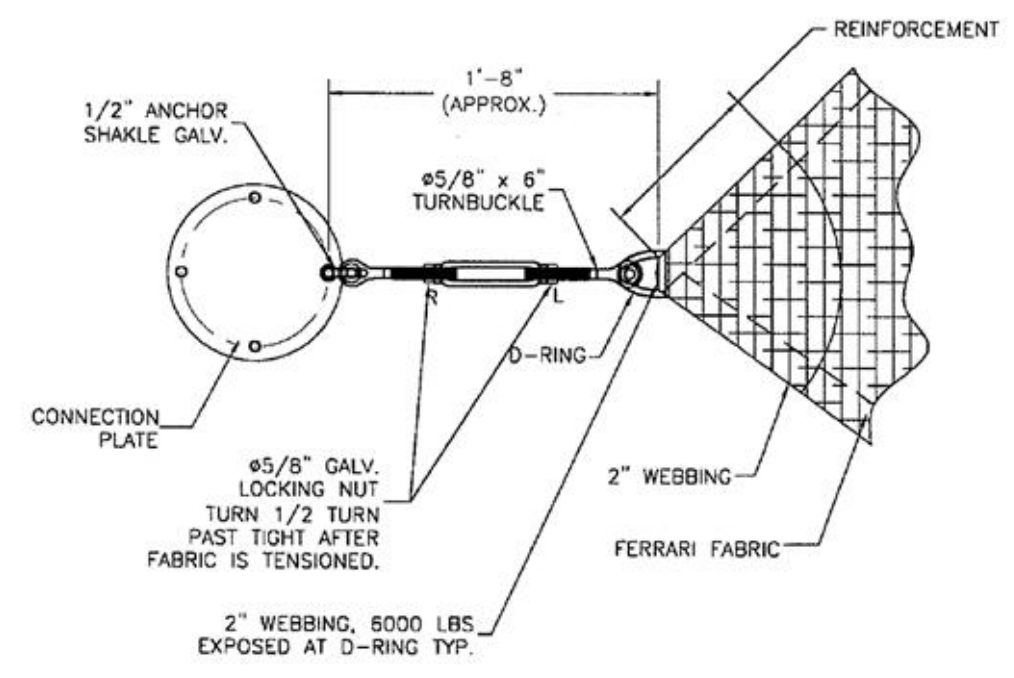
BOONDOCKS FOOD&BEV-PARKER  
18706 COTTONWOOD DR. PARKER  
CO 80138, USA

PROJECT NAME: BOONDOCKS FOOD  
& BEV - PARKER

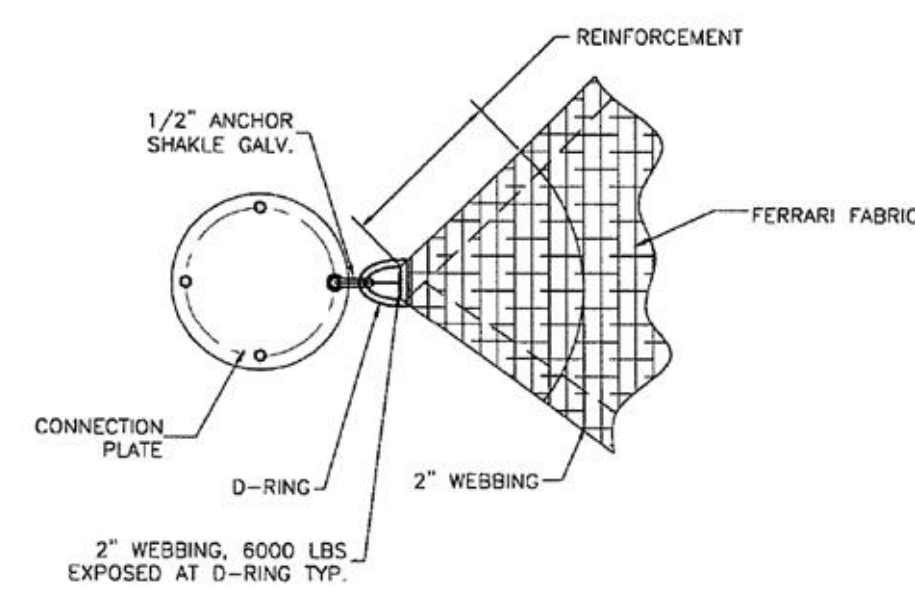
JOB NO: 10615

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

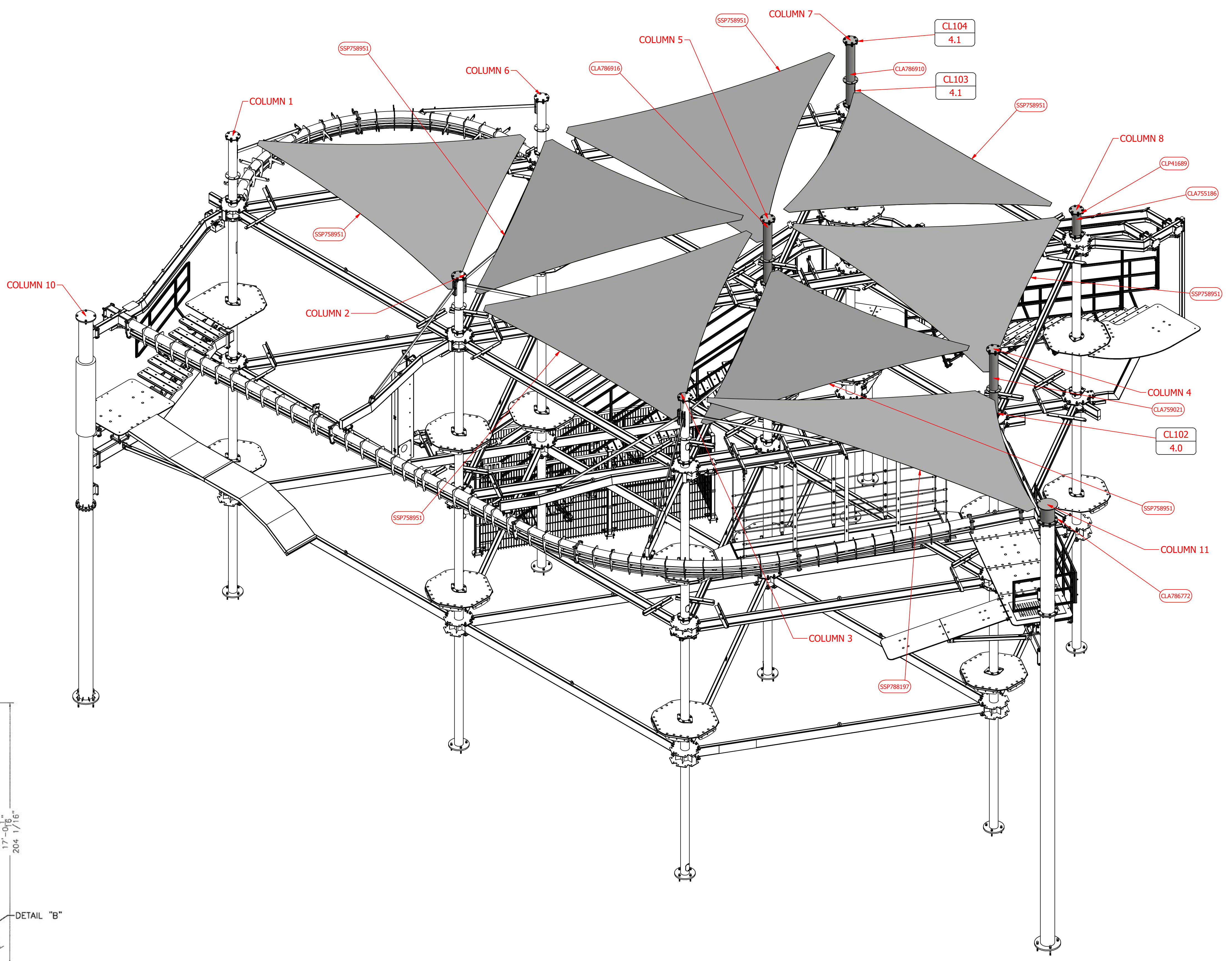
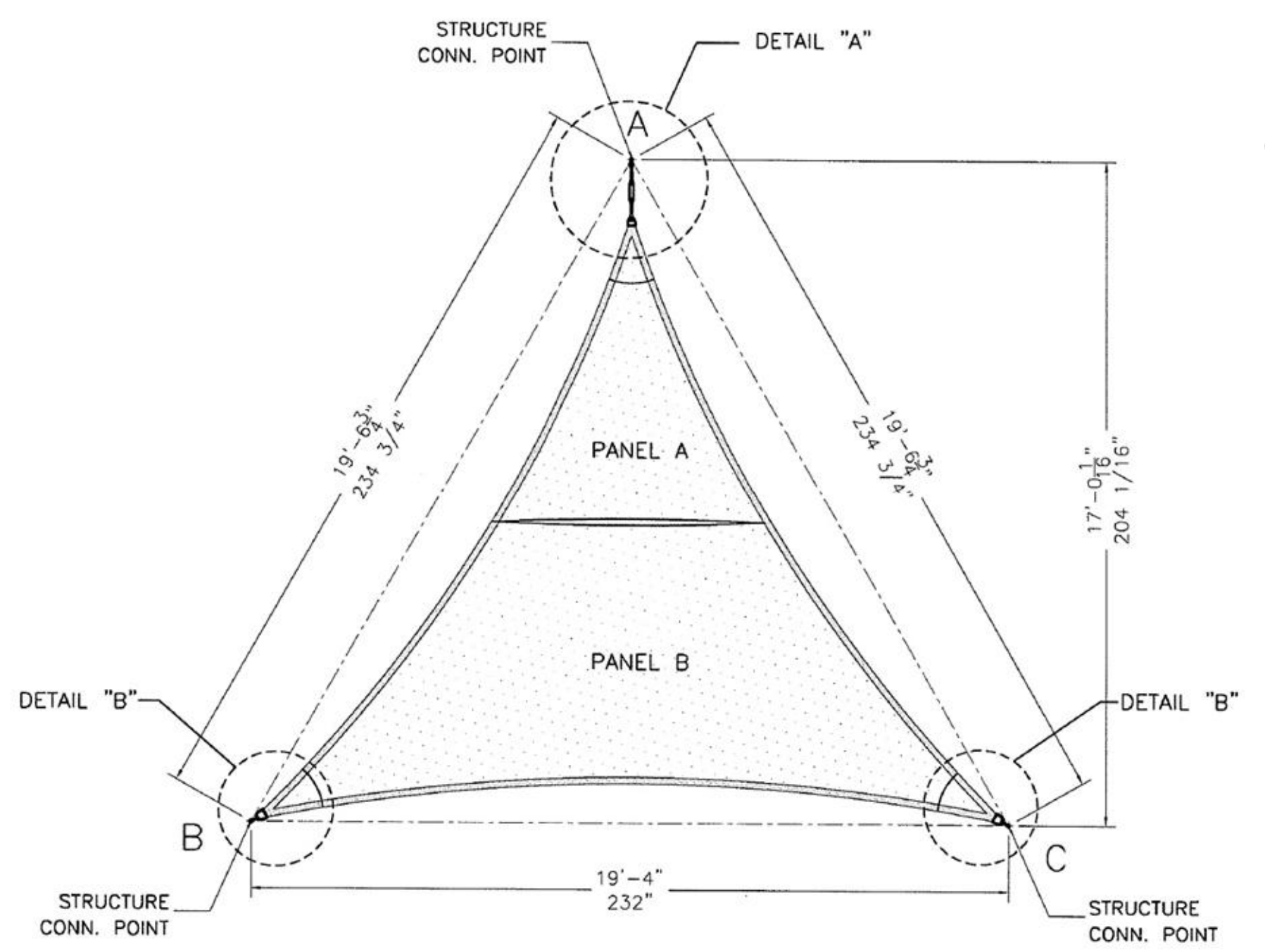
AUTHOR: ROSTAM DATE: 11/23/2021 REV:



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



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

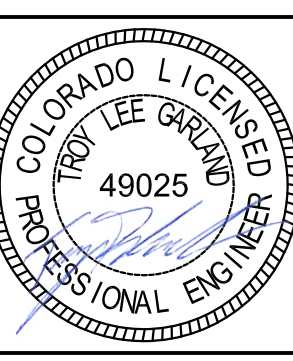
PROJECT NAME: BOONDOCKS FOOD  
& BEV - PARKER

JOB NO: 10615

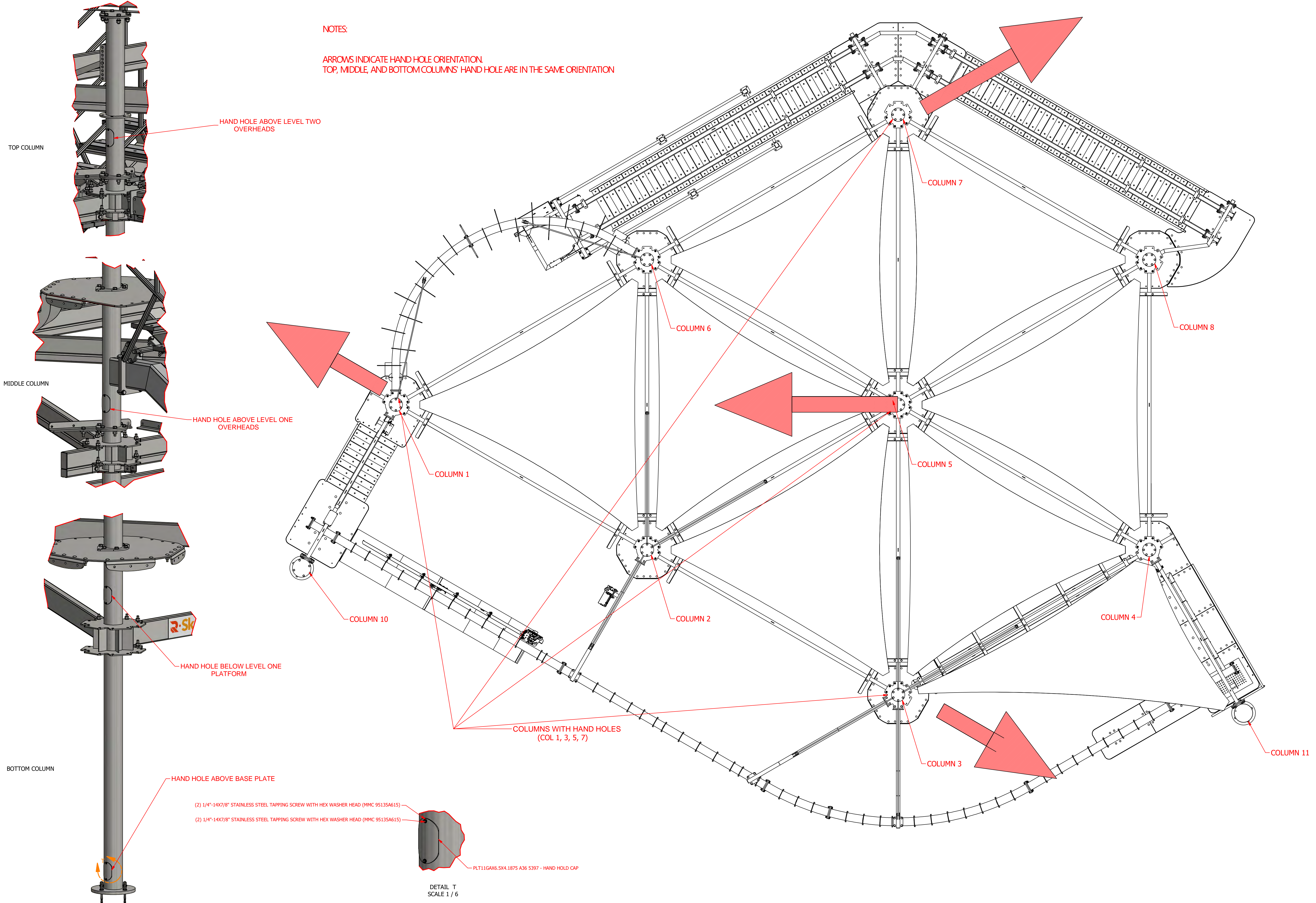
DESCRIPTION: 8 POLE 2 LEVEL CUSTOM SKY TRAIL@ DISCOVERY  
WITH (1) 60P SKY RAIL@ AND SUN SHADES

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

SUNSHADES FRAME DETAILS



SHEET: 3.5



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)

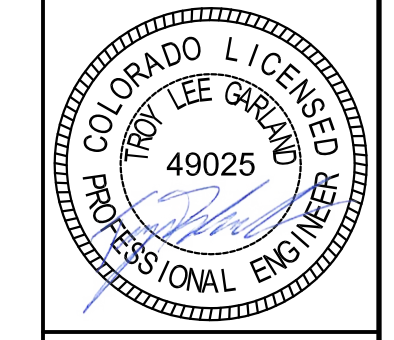
(2) 1/4"-14X7/8" STAINLESS STEEL TAPPING SCREW WITH HEX WASHER HEAD (MMC 95135A615)

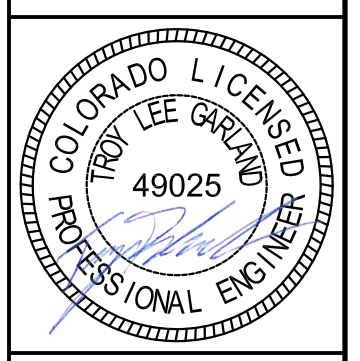
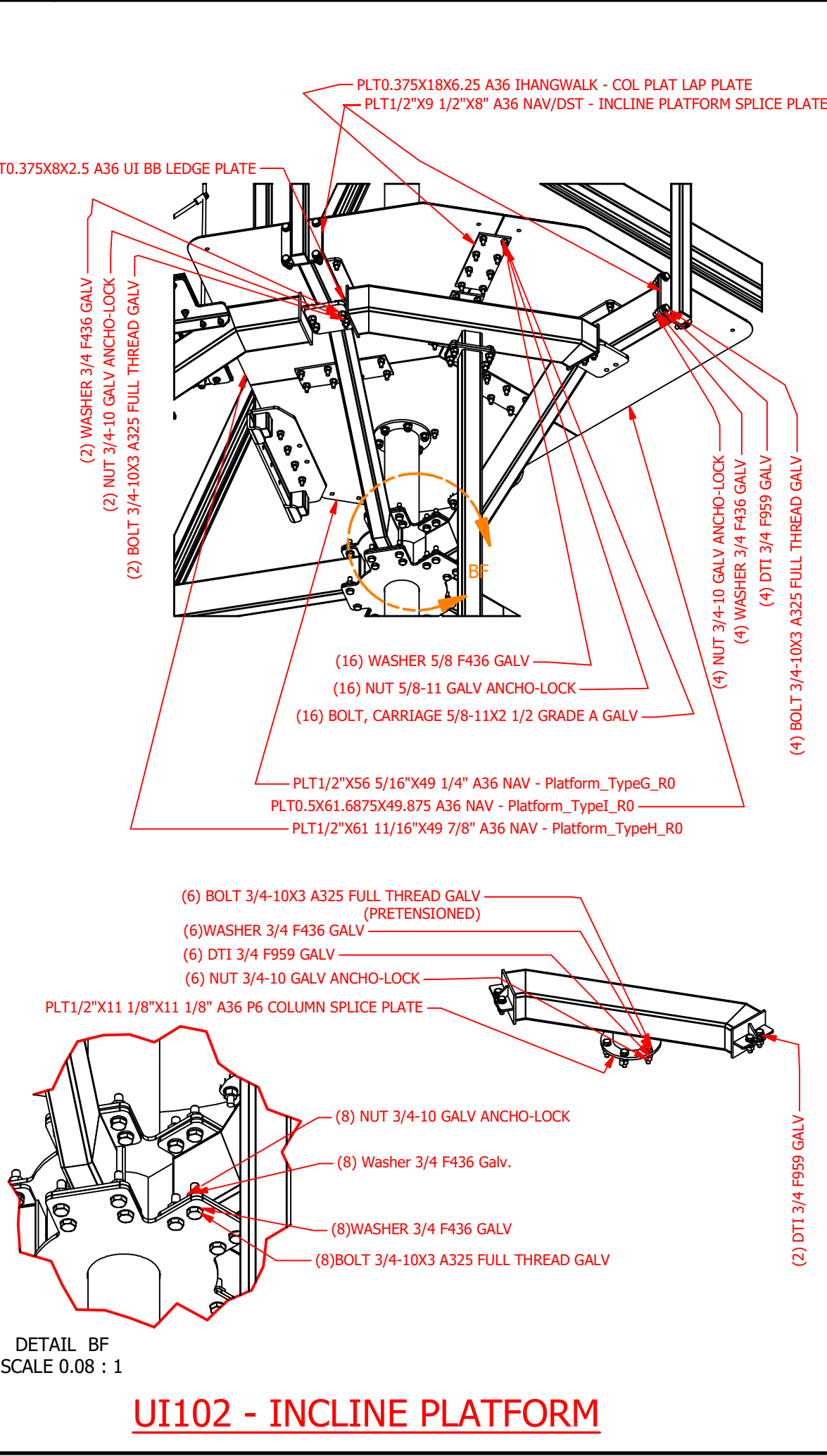
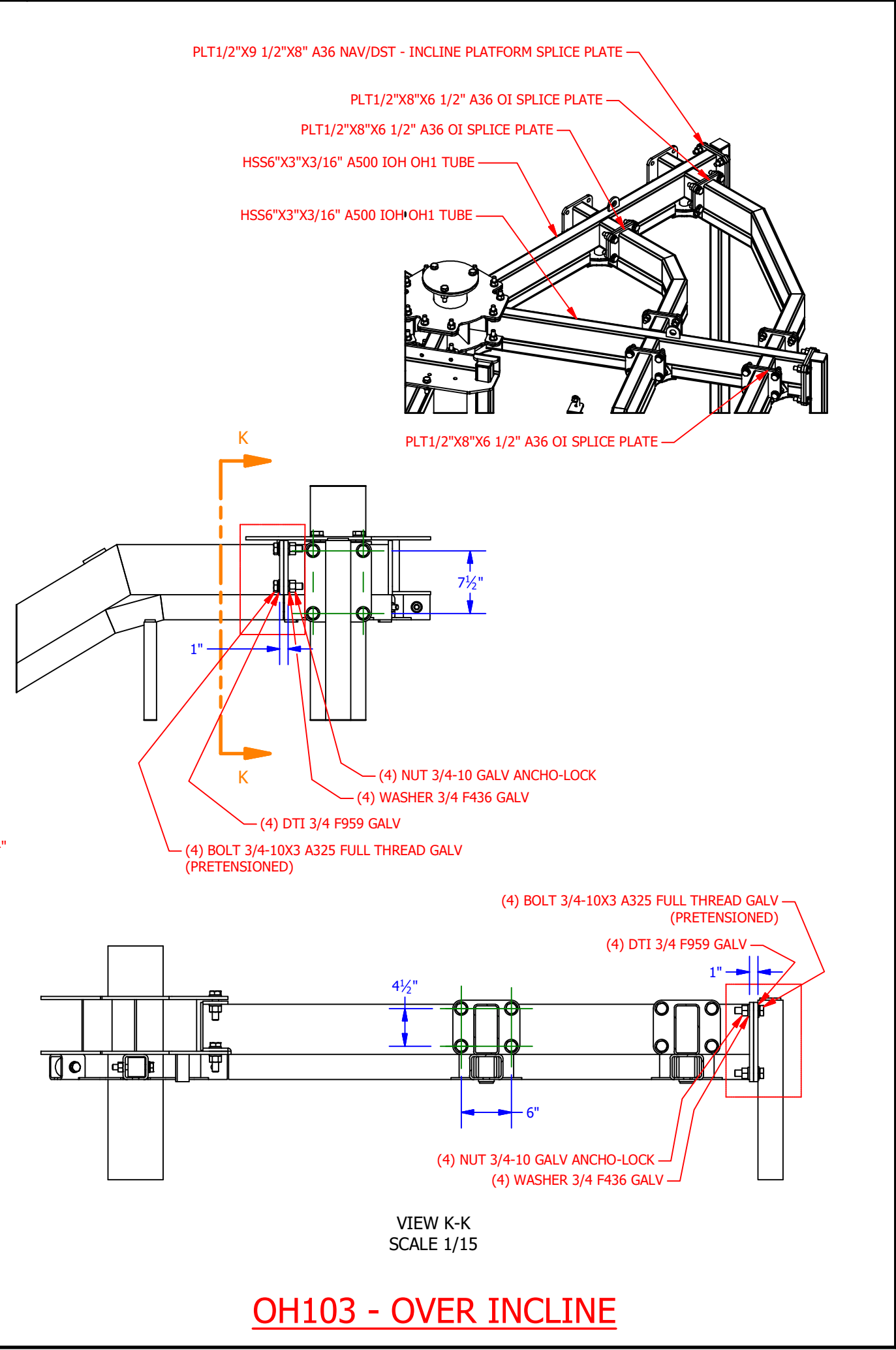
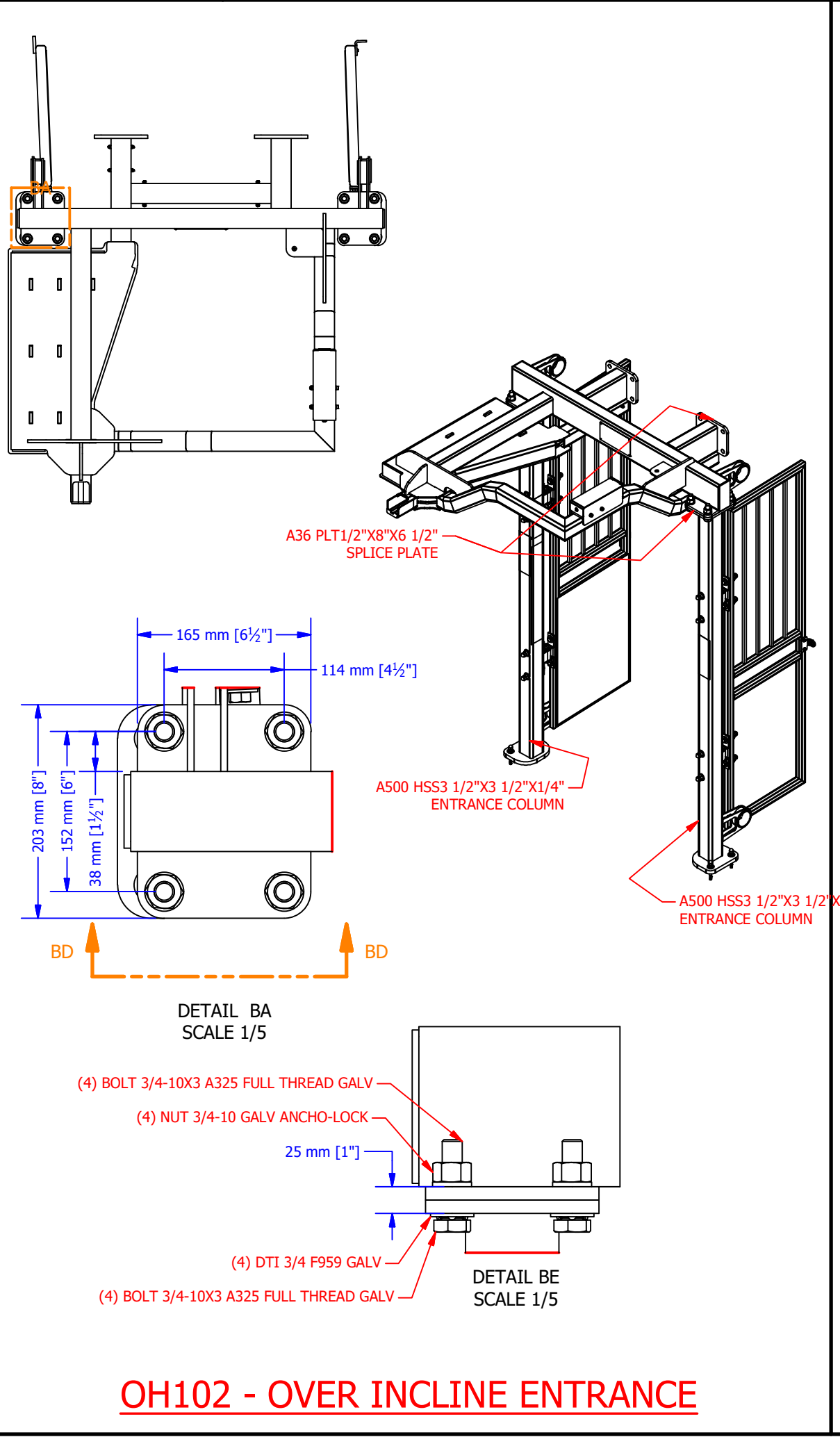
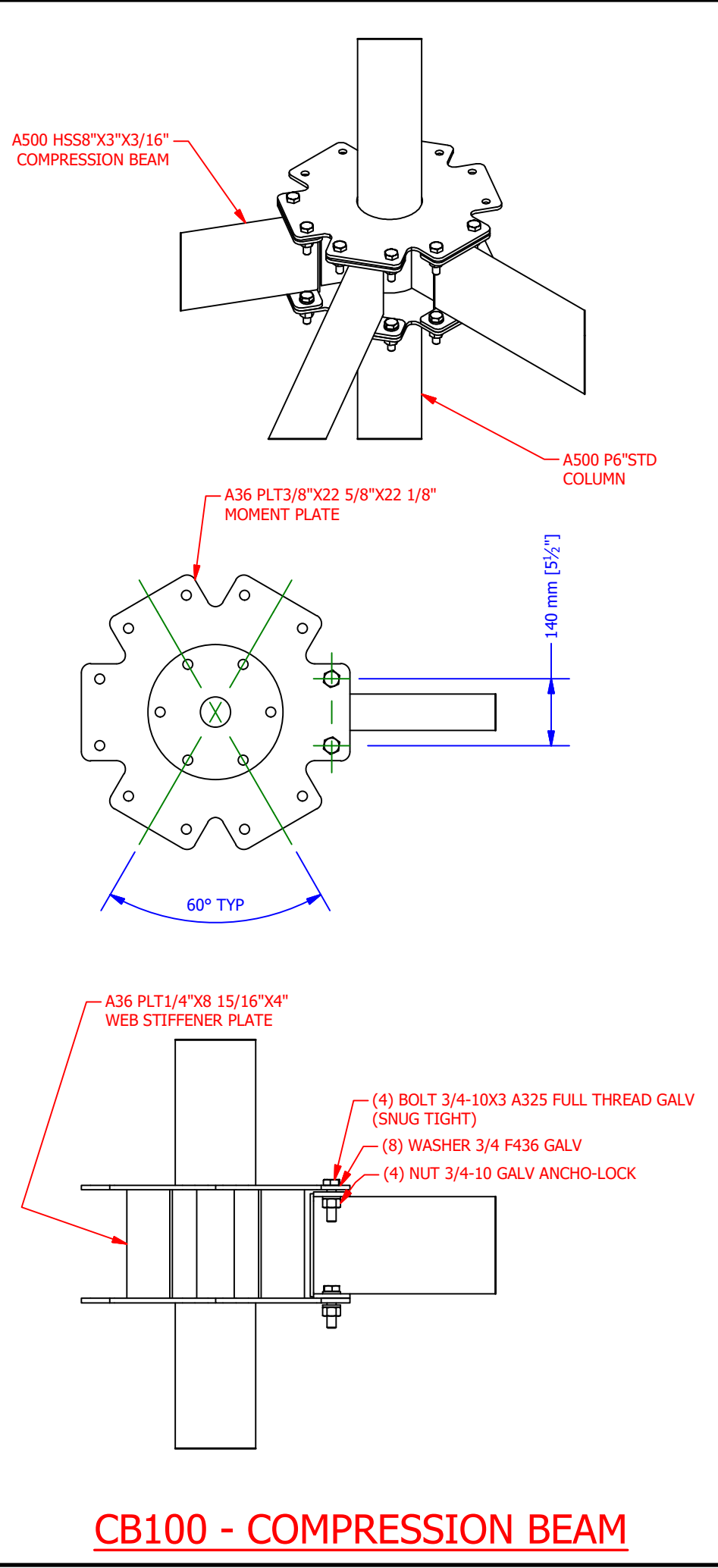
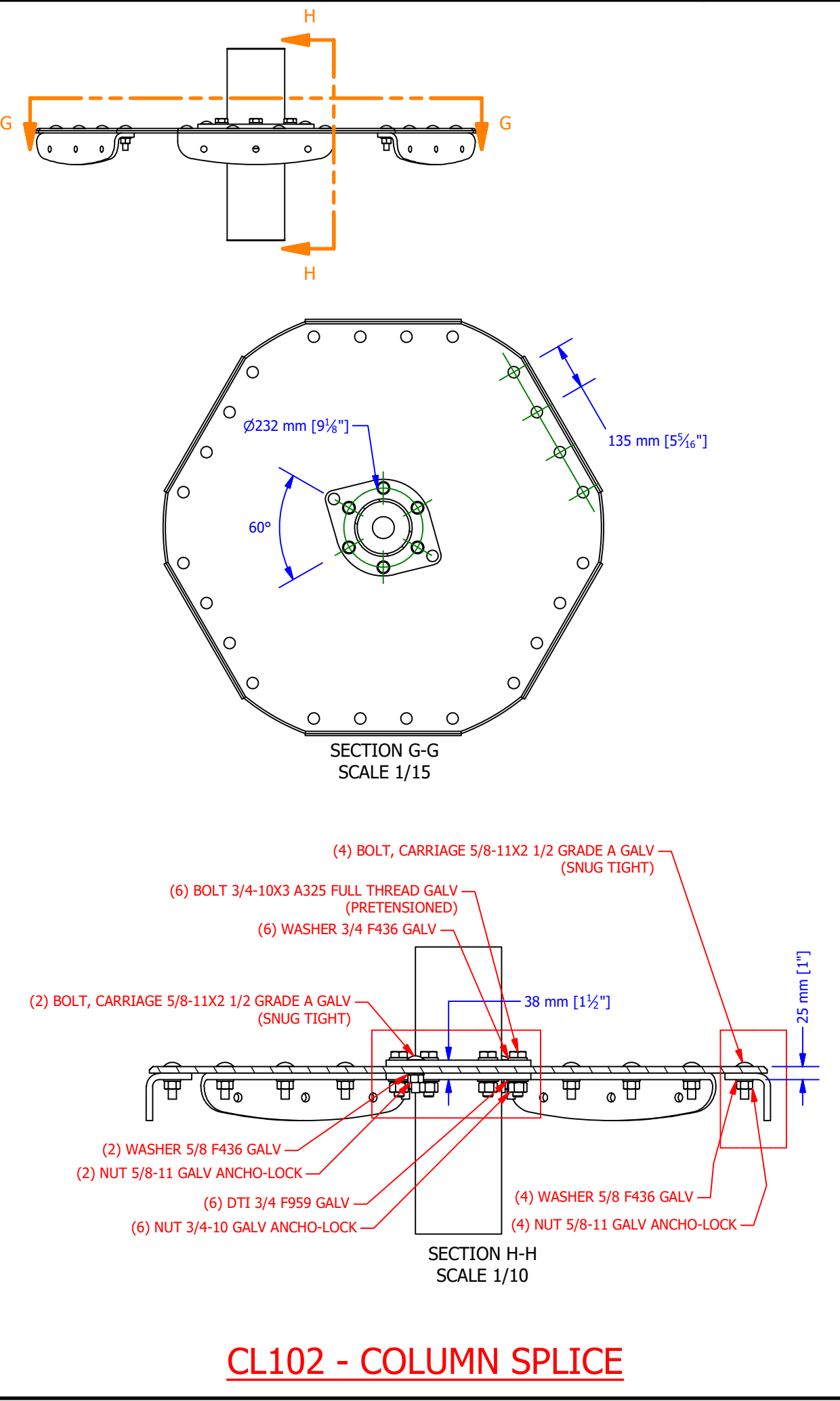
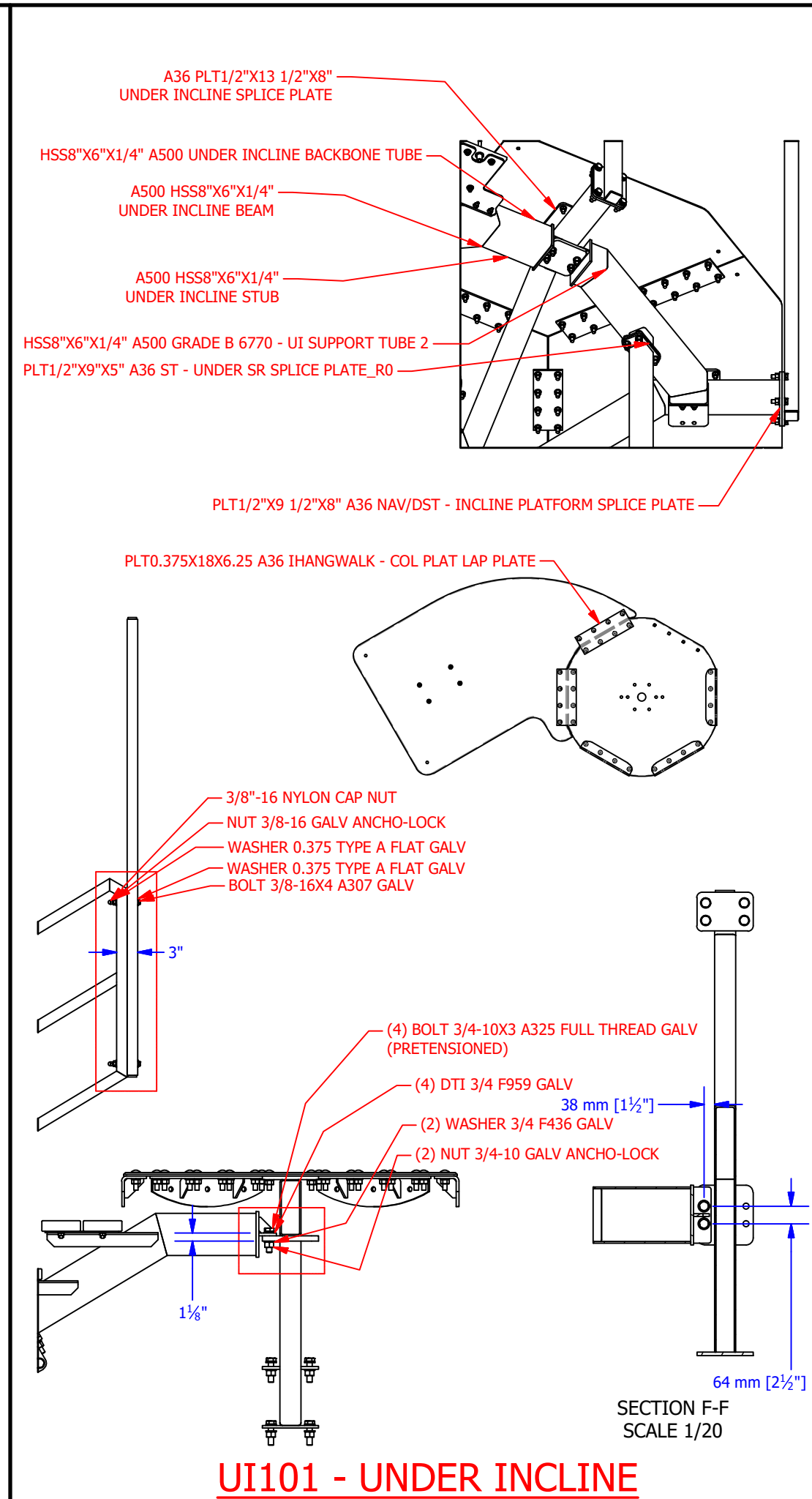
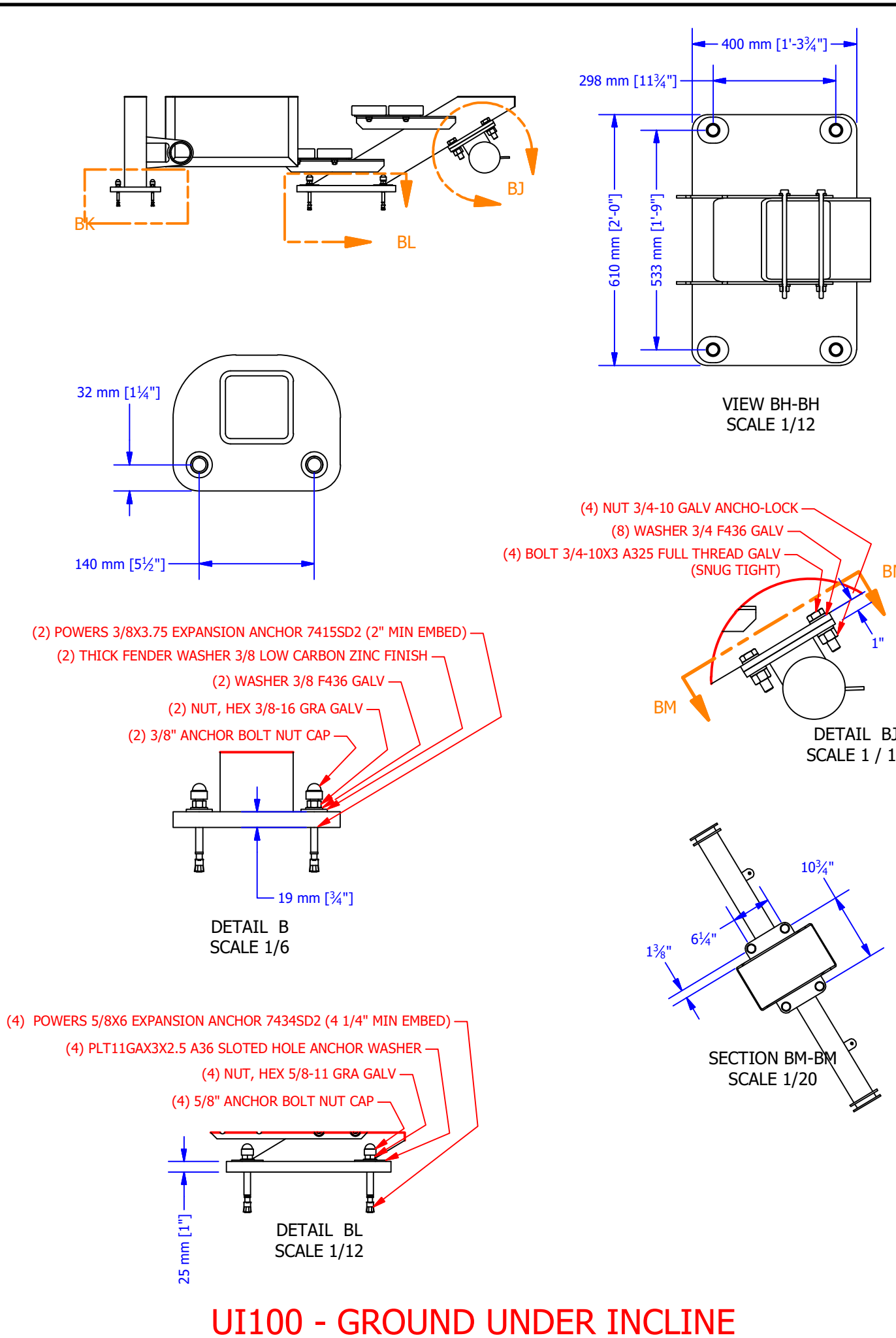
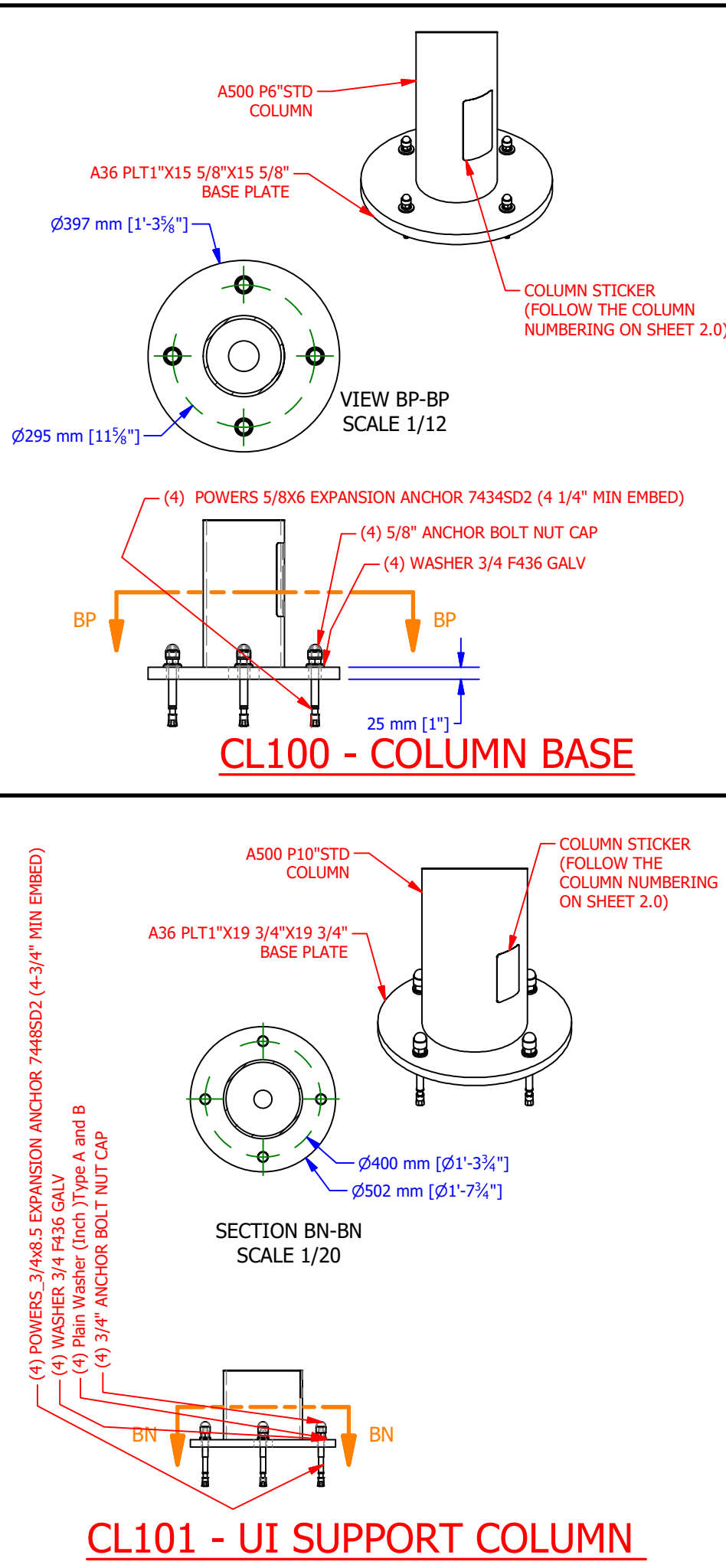
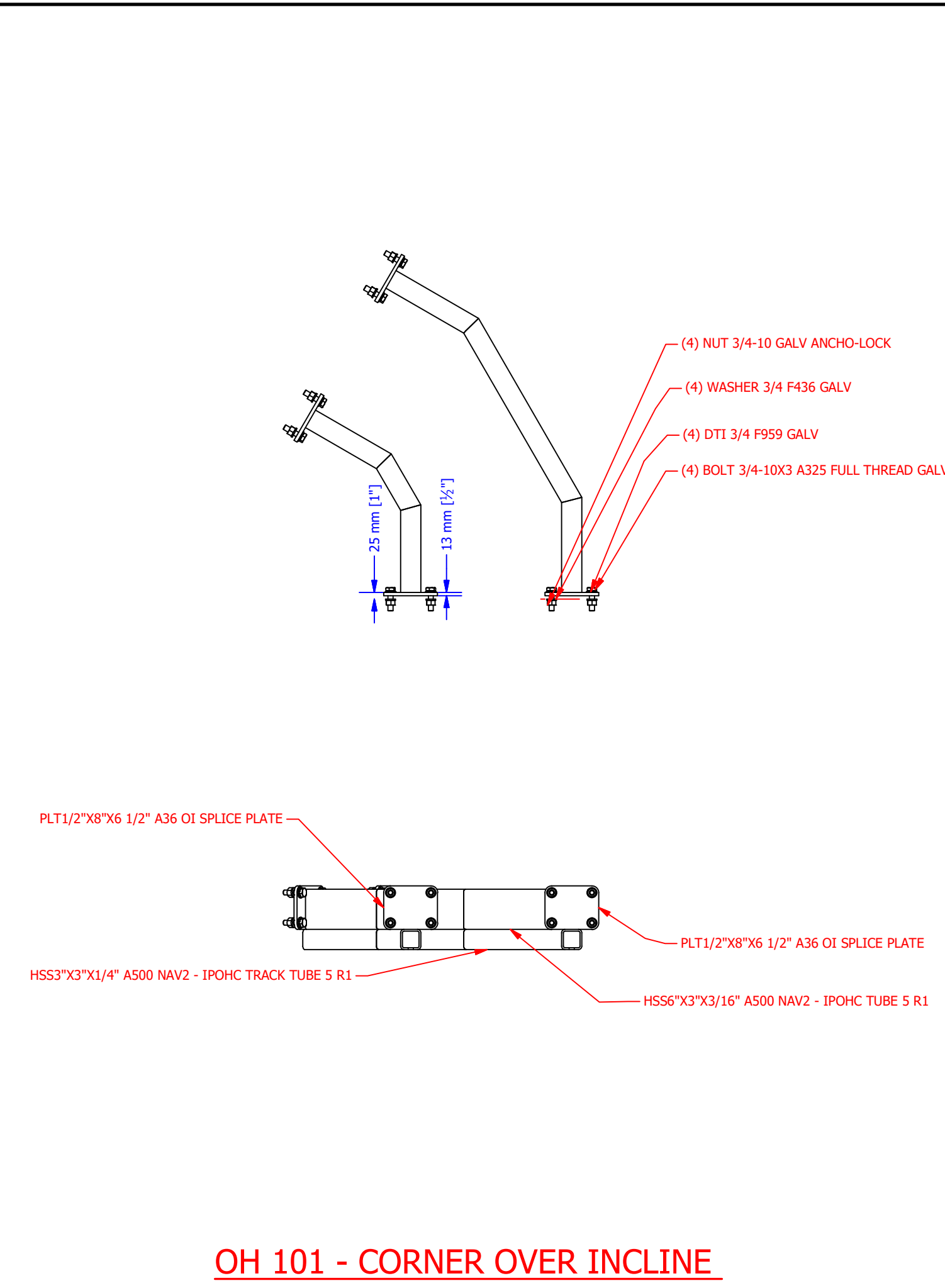
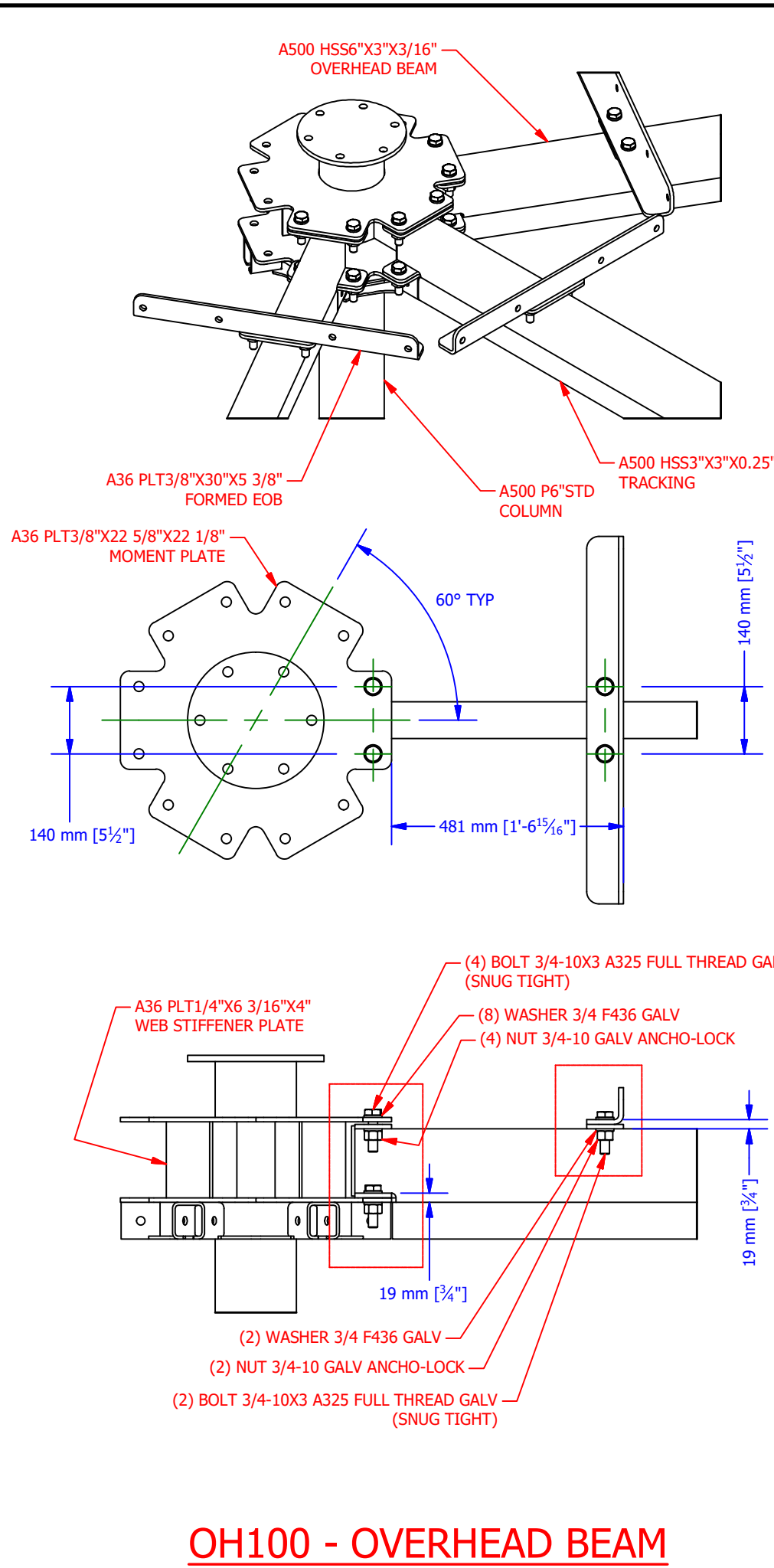
PLT11GAx6.5x4.1875 A36 5397 - HAND HOLD CAP

DETAIL T  
SCALE 1 / 6



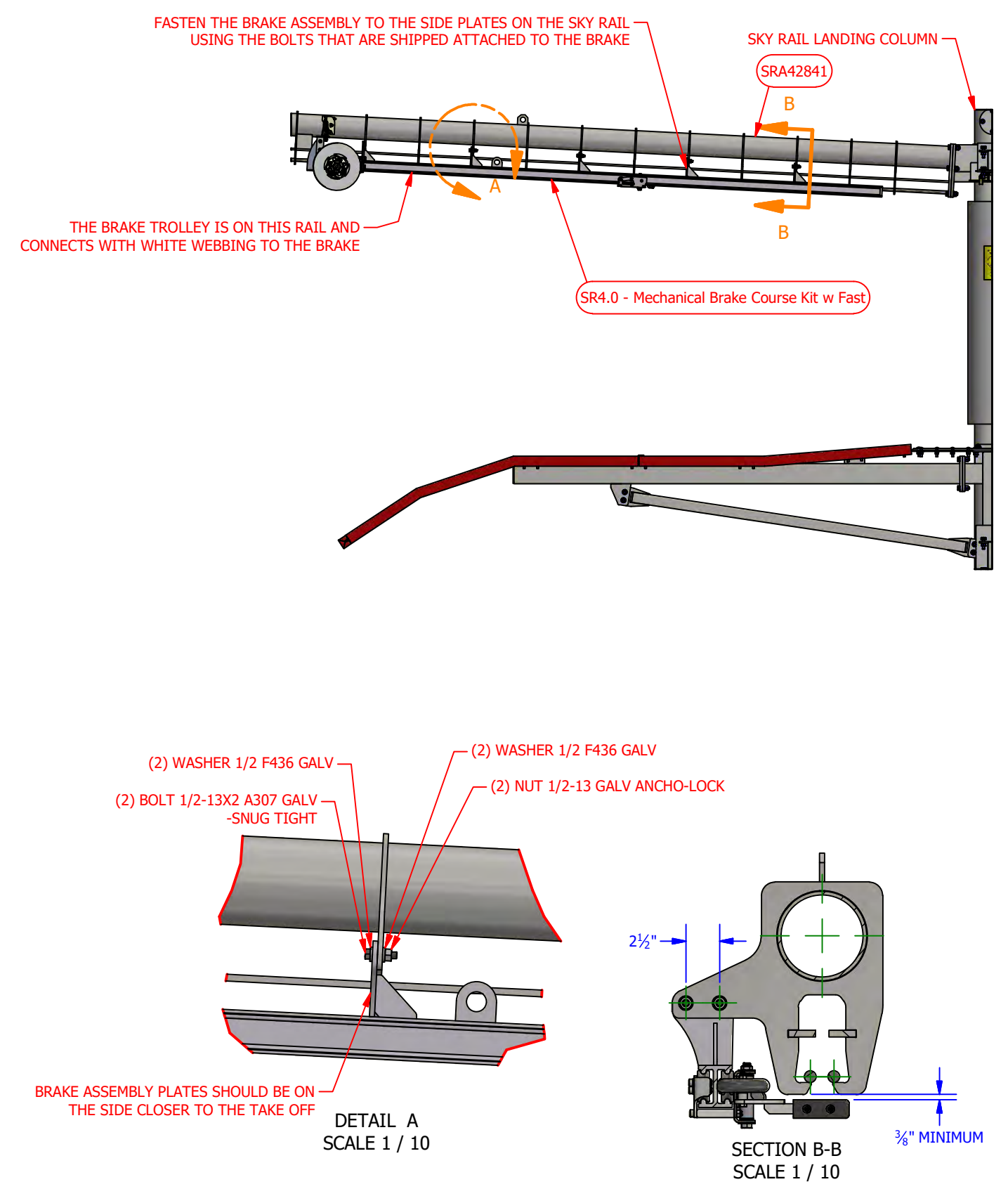
COLUMNS WITH HAND HOLES DETAILS



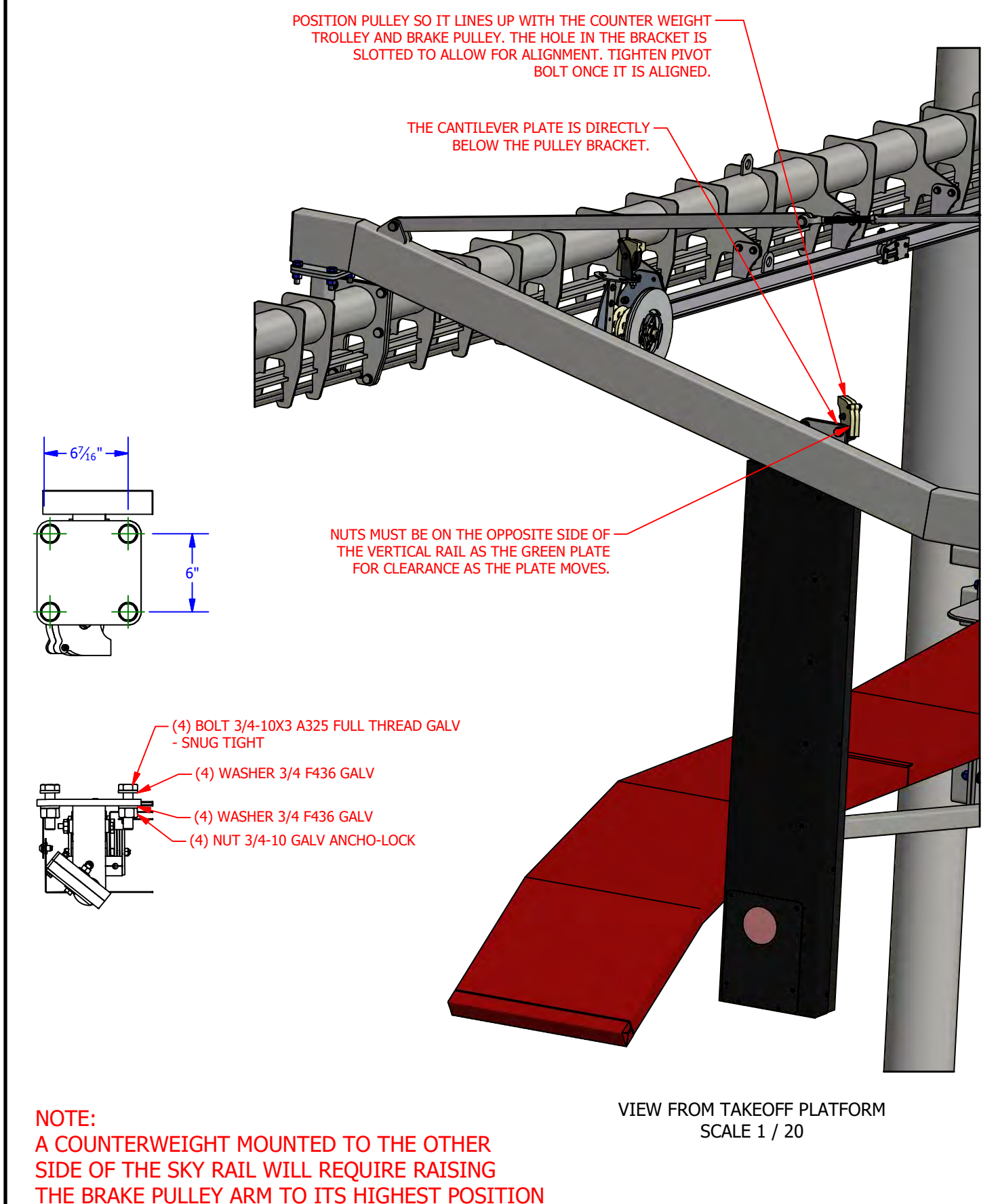




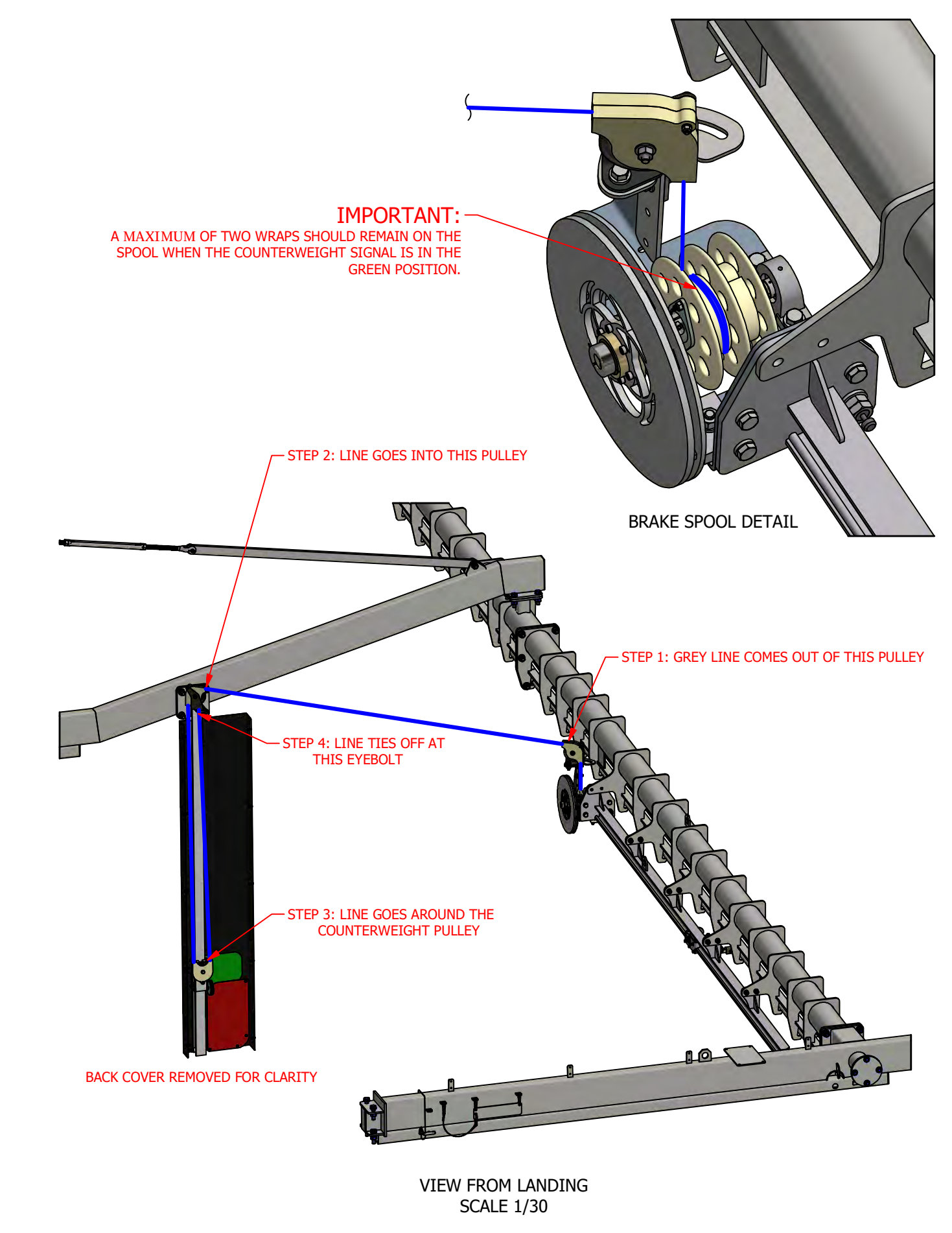




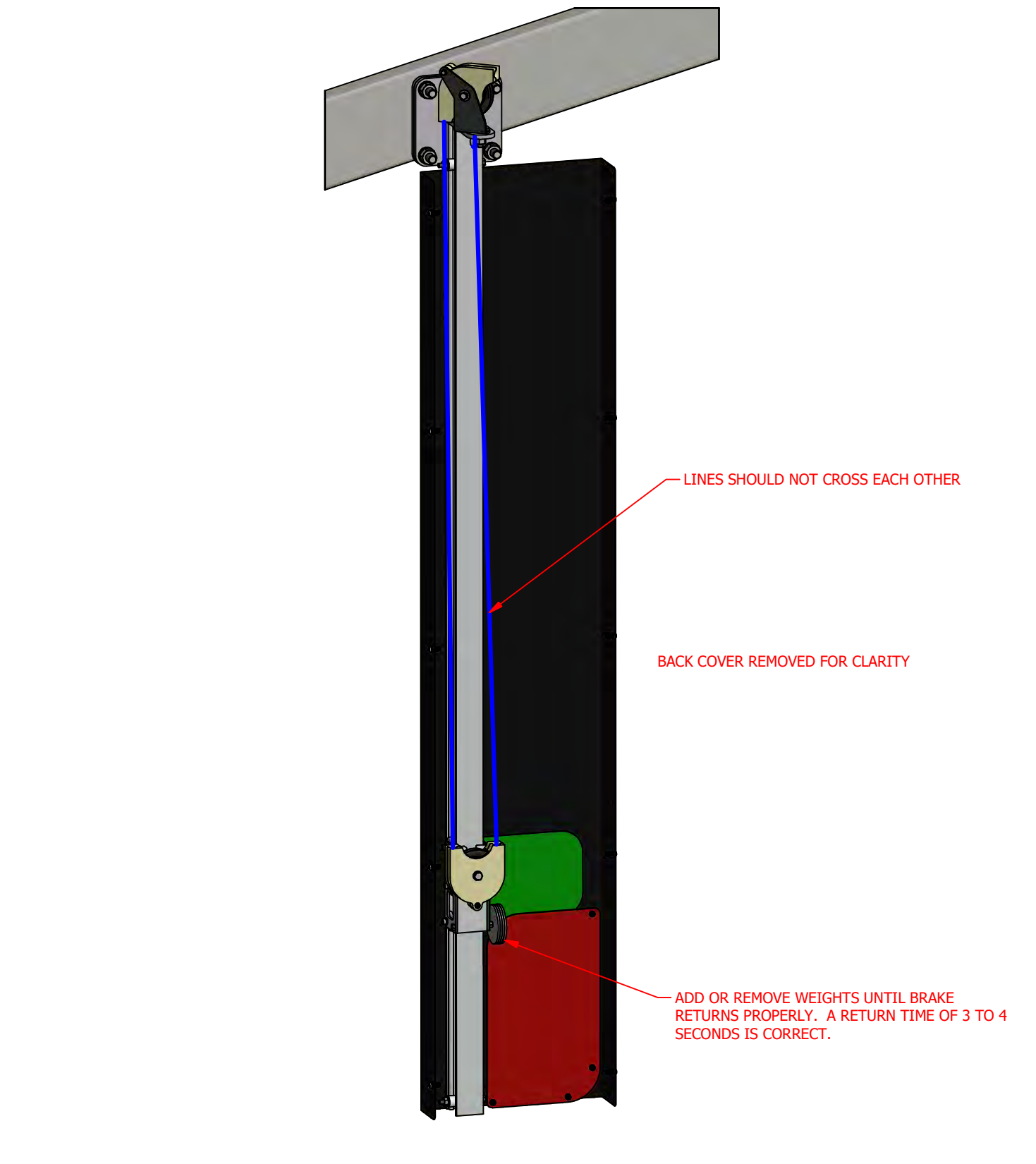
**INSTALL MECHANICAL BRAKE ASSEMBLY**



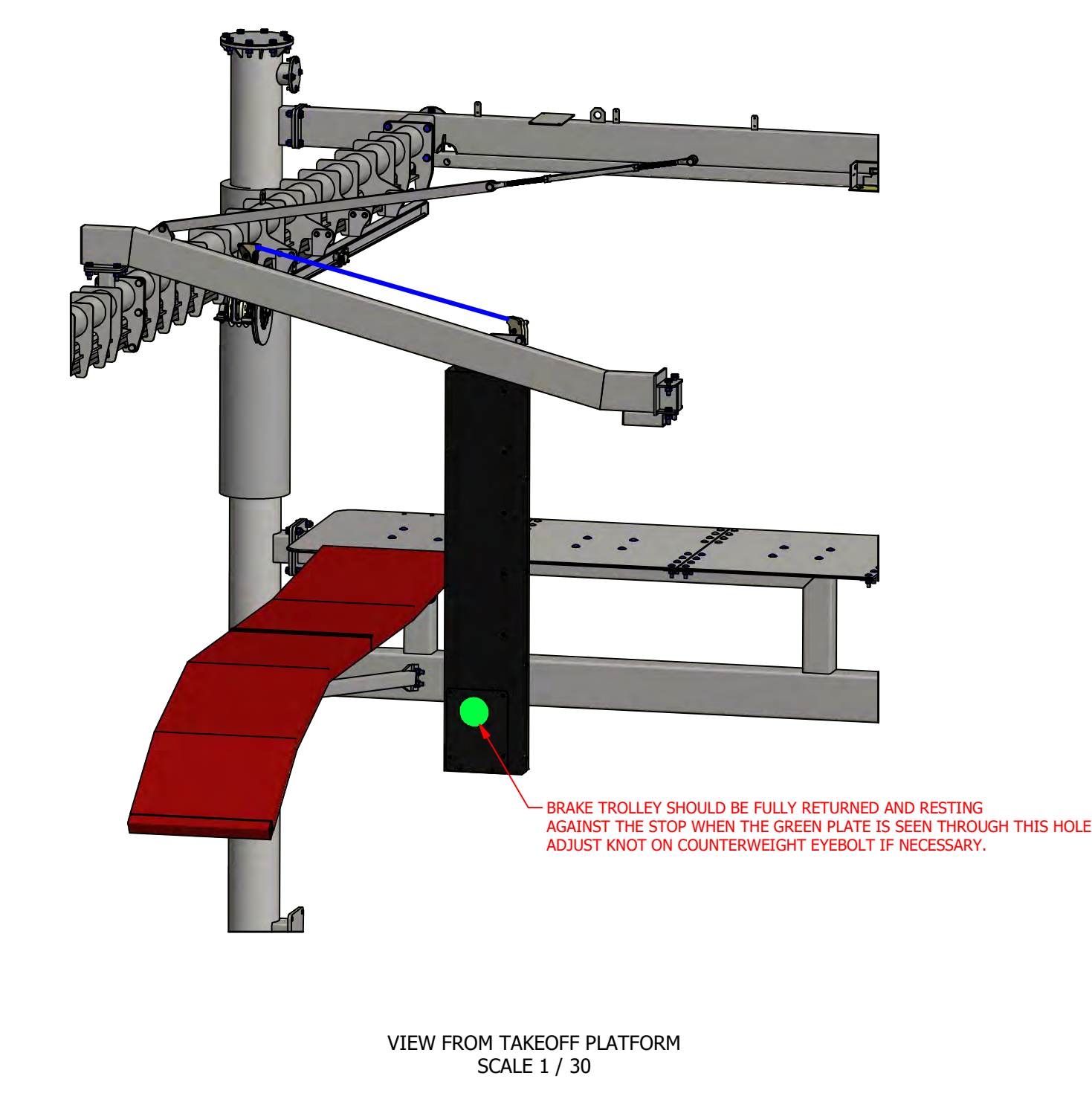
**INSTALL BRAKE RAIL STOP LIGHT**



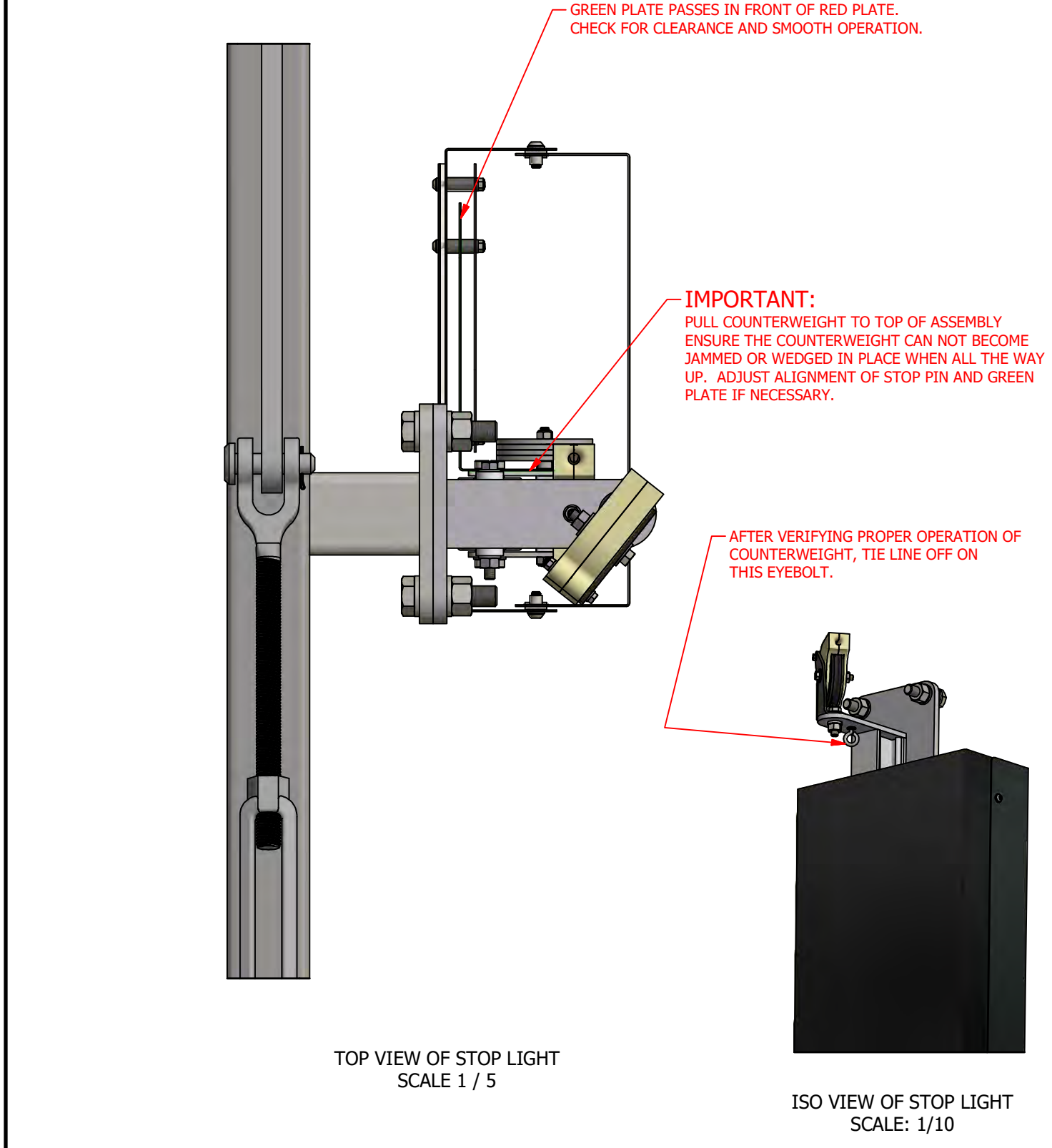
**INSTALL BRAKE LINE**



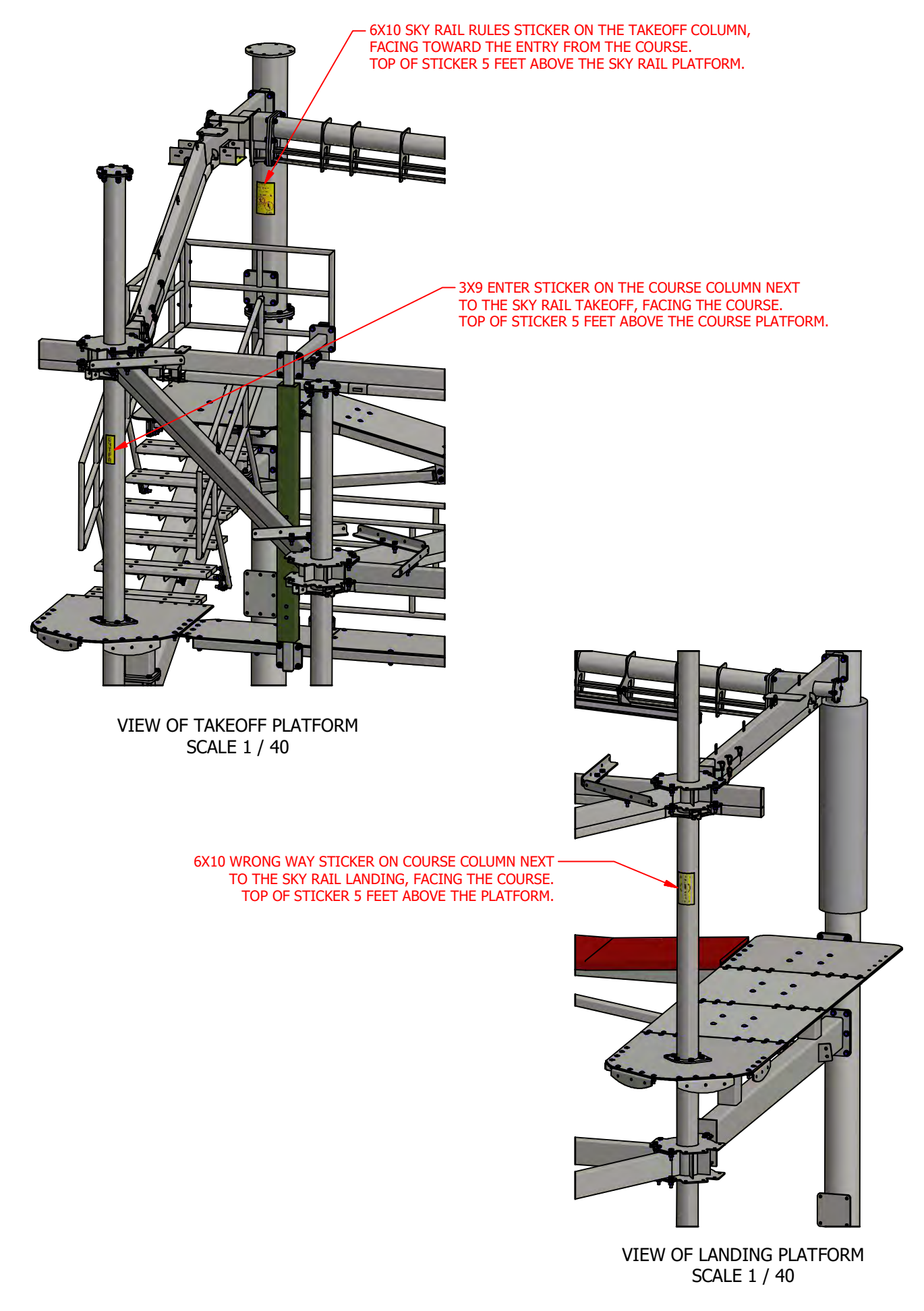
**ADJUST COUNTER WEIGHT**



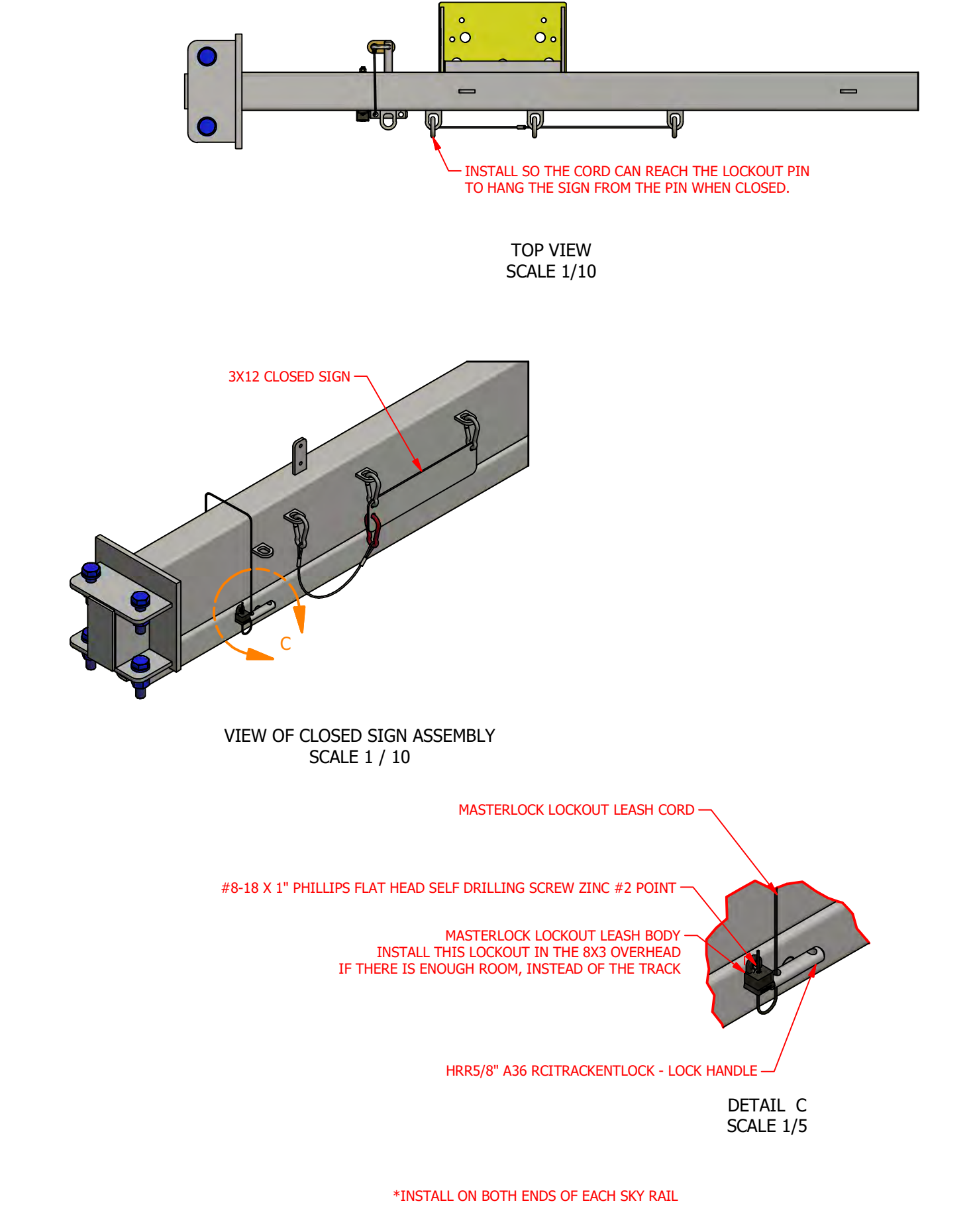
**ADJUST STOP LIGHT**



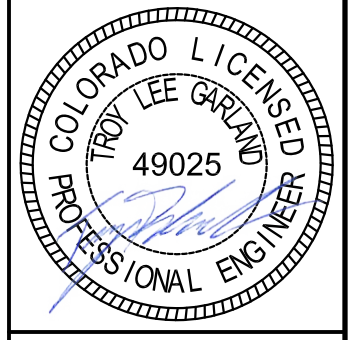
**VERIFY STOP LIGHT OPERATION**



**INSTALL SYSTEM SIGNS**



**INSTALL SYSTEM CLOSED ASSEMBLIES**

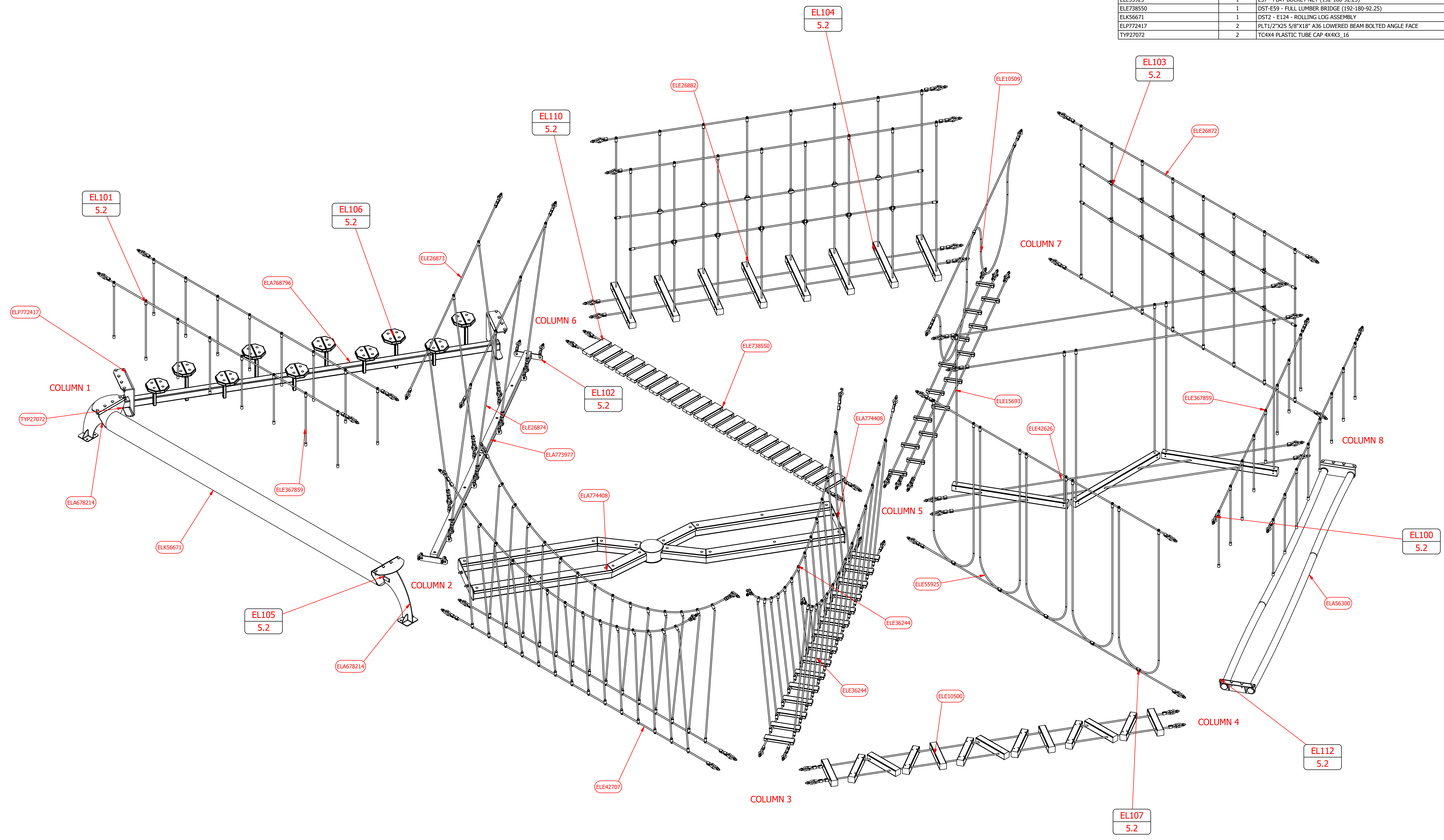


| ELEMENT PARTS LIST |          |  |                 |
|--------------------|----------|--|-----------------|
| PART NUMBER        | ITEM QTY | DESCRIPTION  | MASS            |
| ELA56300           | 1        | DST2 - E125 - KELP WALK (192)                                | 279.2245 lbmass |
| ELA678214          | 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    |

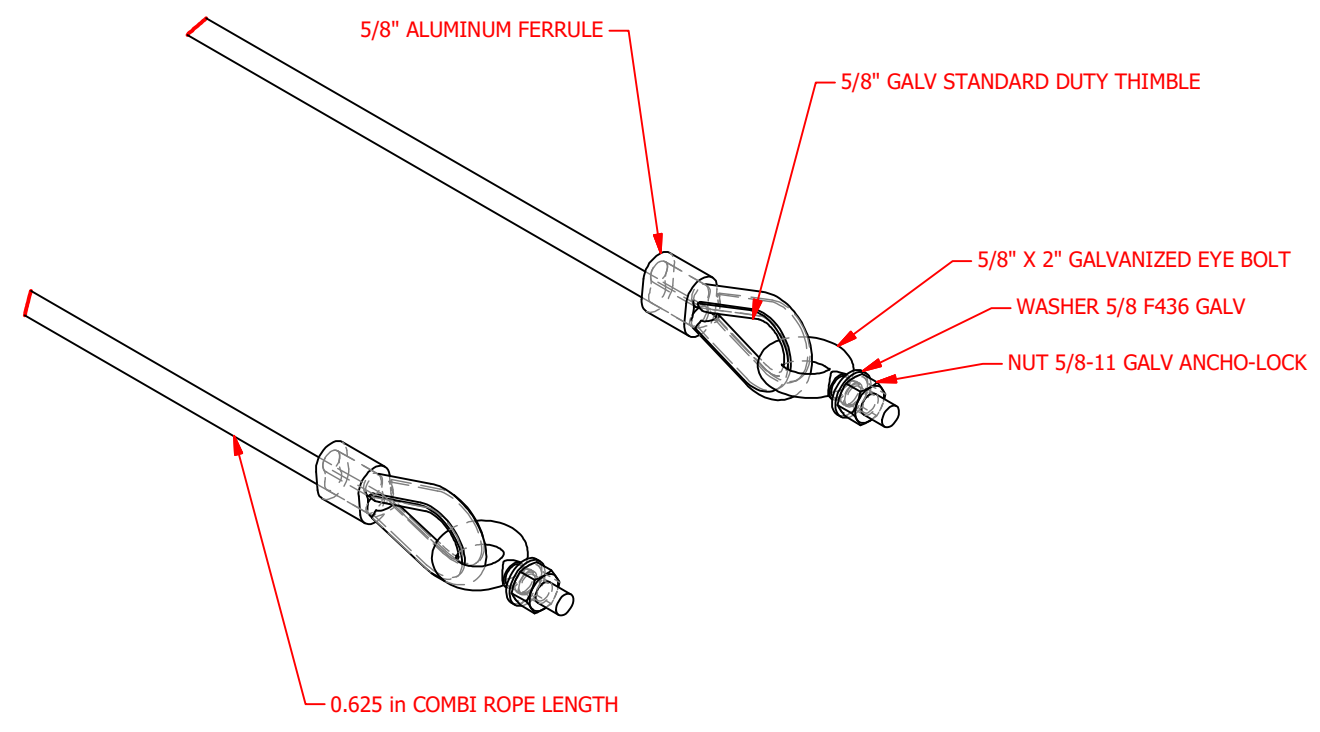
SHEET: 5.0  
 PROJECT NAME: BOONDOCKS FOOD & BEV. - PARKER  
 CO 80139, USA  
 SITE ADDRESS: BOONDOCKS FOOD&BEV-PARKER  
 18706 COTTONWOOD DR. PARKER  
 JOB NO: 10615  
 PROJECT: 8 POLE 2 LEVEL CUSTOM SKY TRAIL@ DISCOVERY WITH (1) 60P SKY RAIL@ AND SUN SHADES  
 AUTHOR: ROSTAM  
 DATE: 11/2/2021  
 REV:



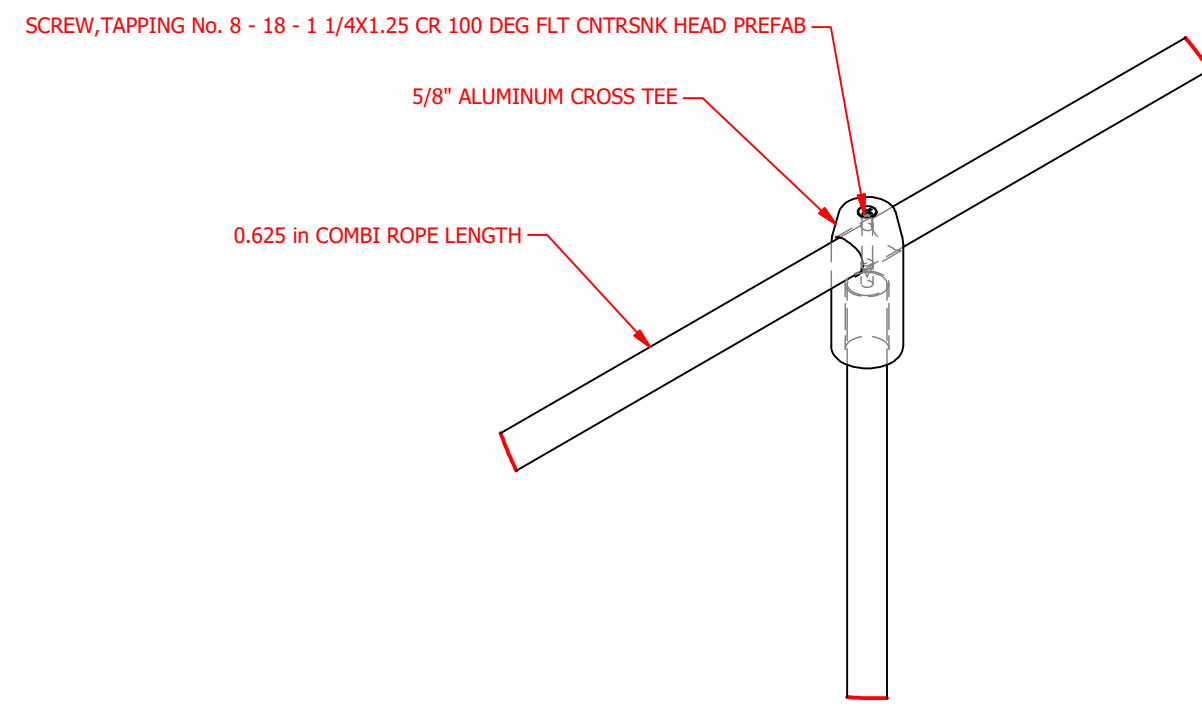
FIRST LEVEL ELEMENT LAYOUT



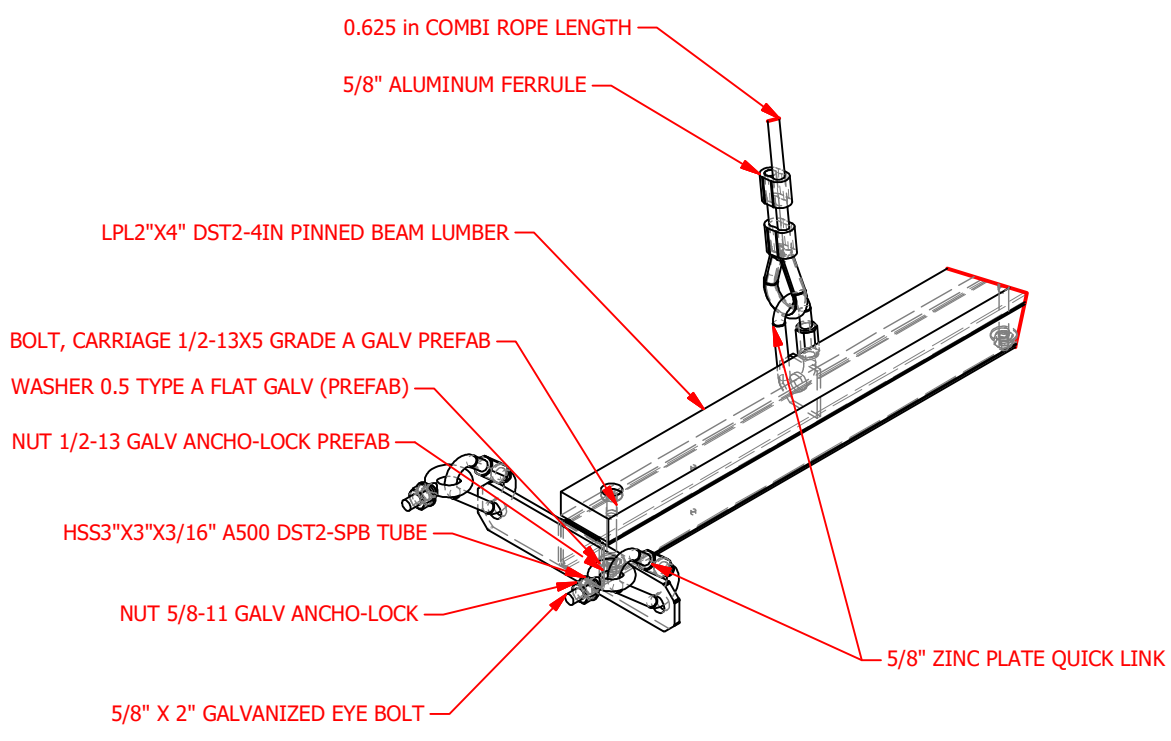




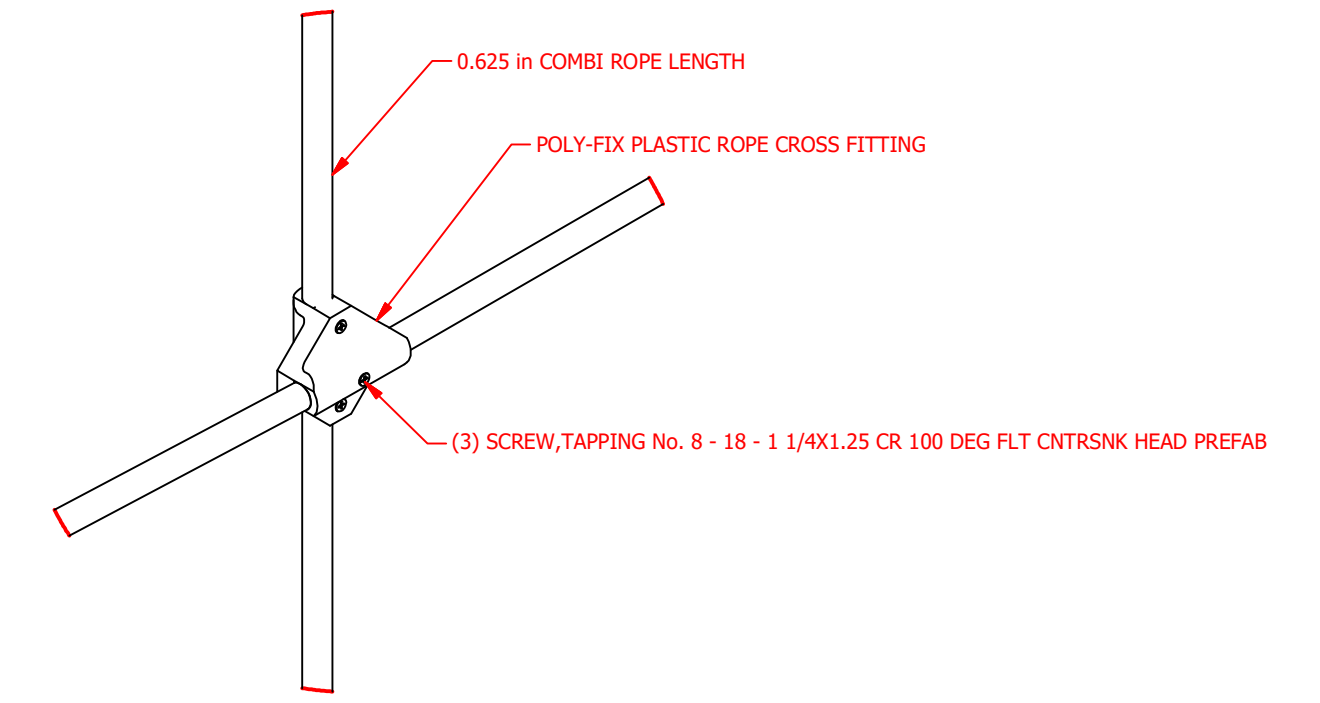
**EL100 - ELEMENT ENDS**



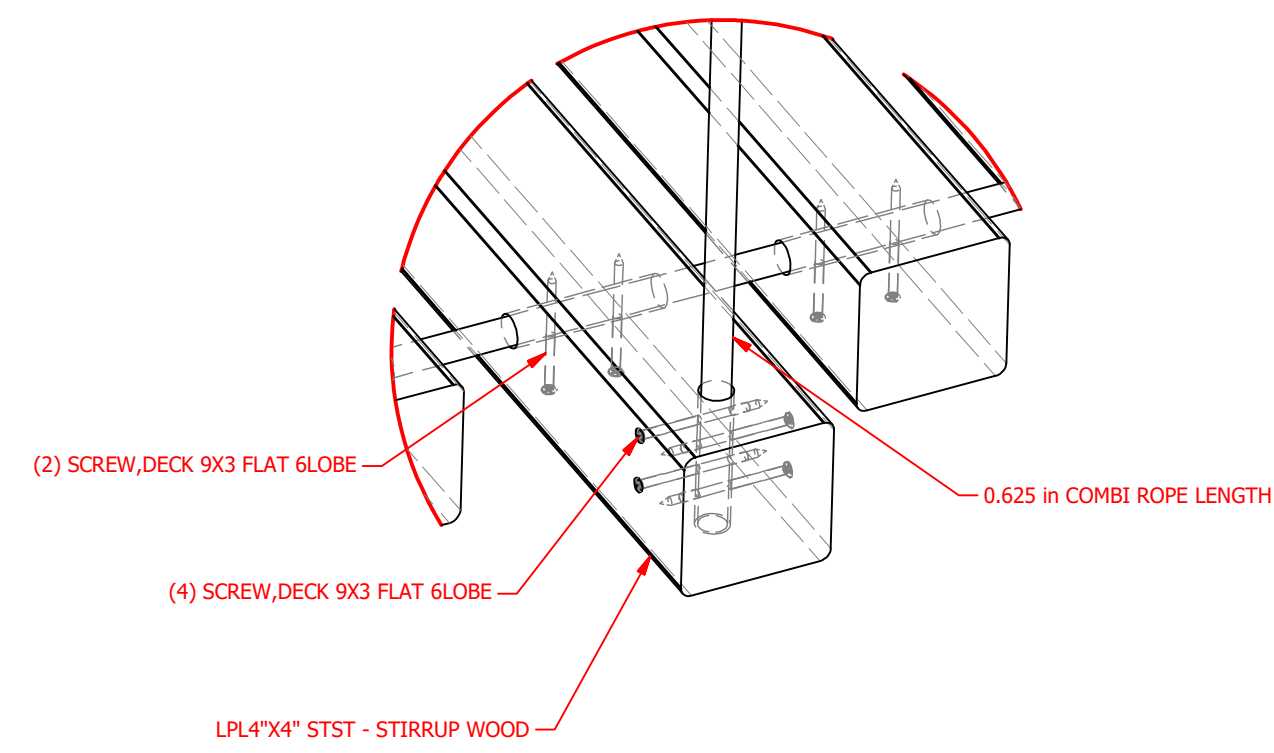
**EL101 - CROSS TEE**



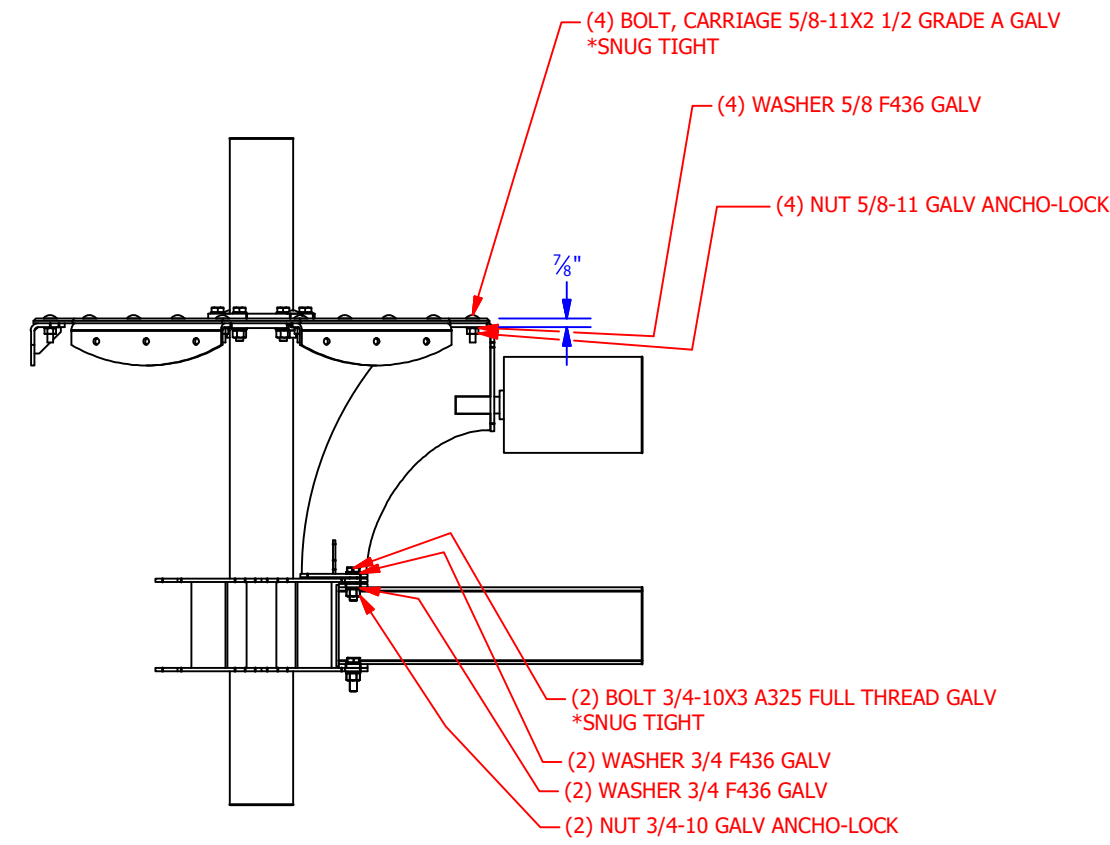
**EL102 - 4 INCH ALTERNATING BURMA BEAM**



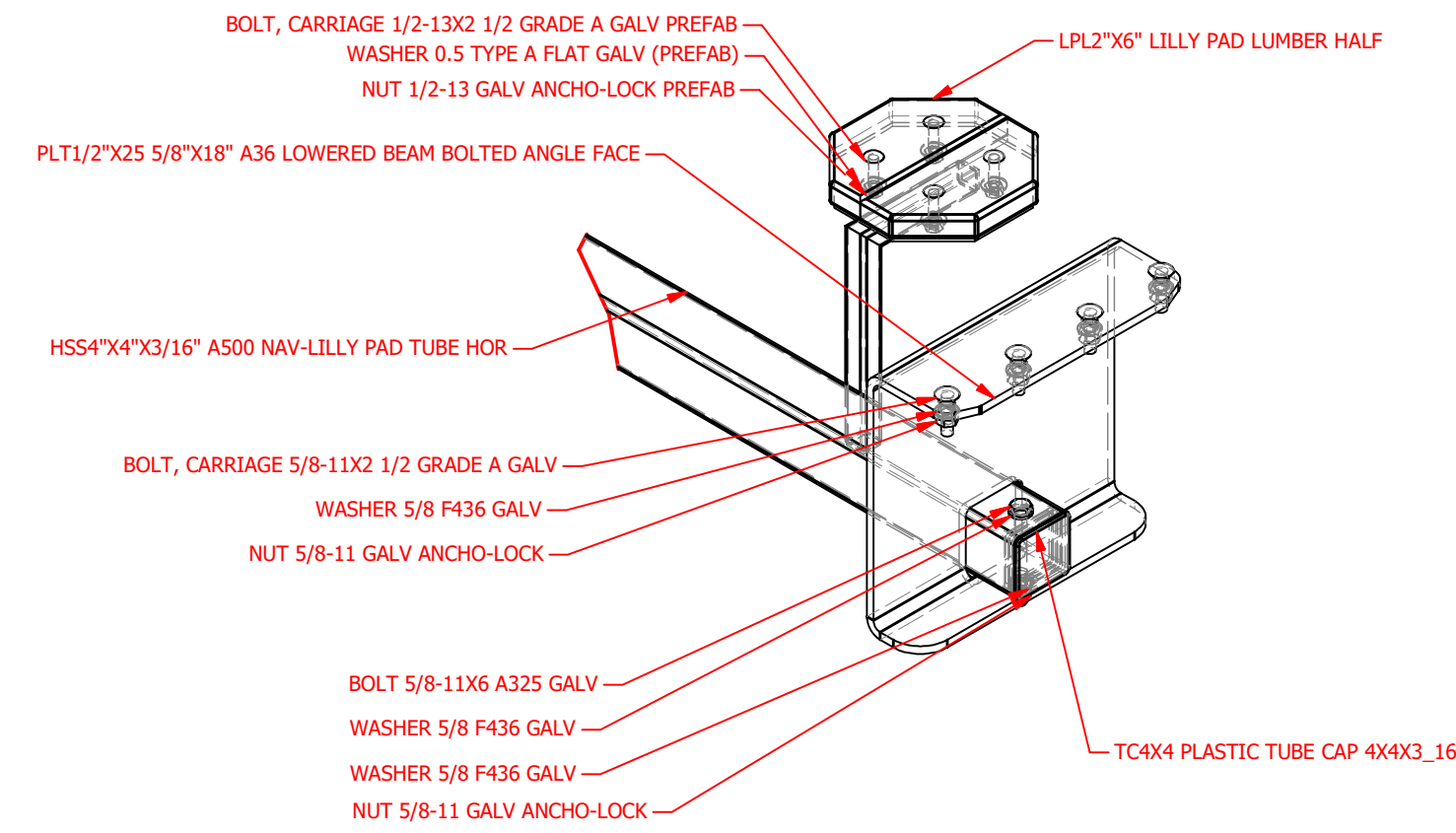
**EL103 - CROSS FITTING**



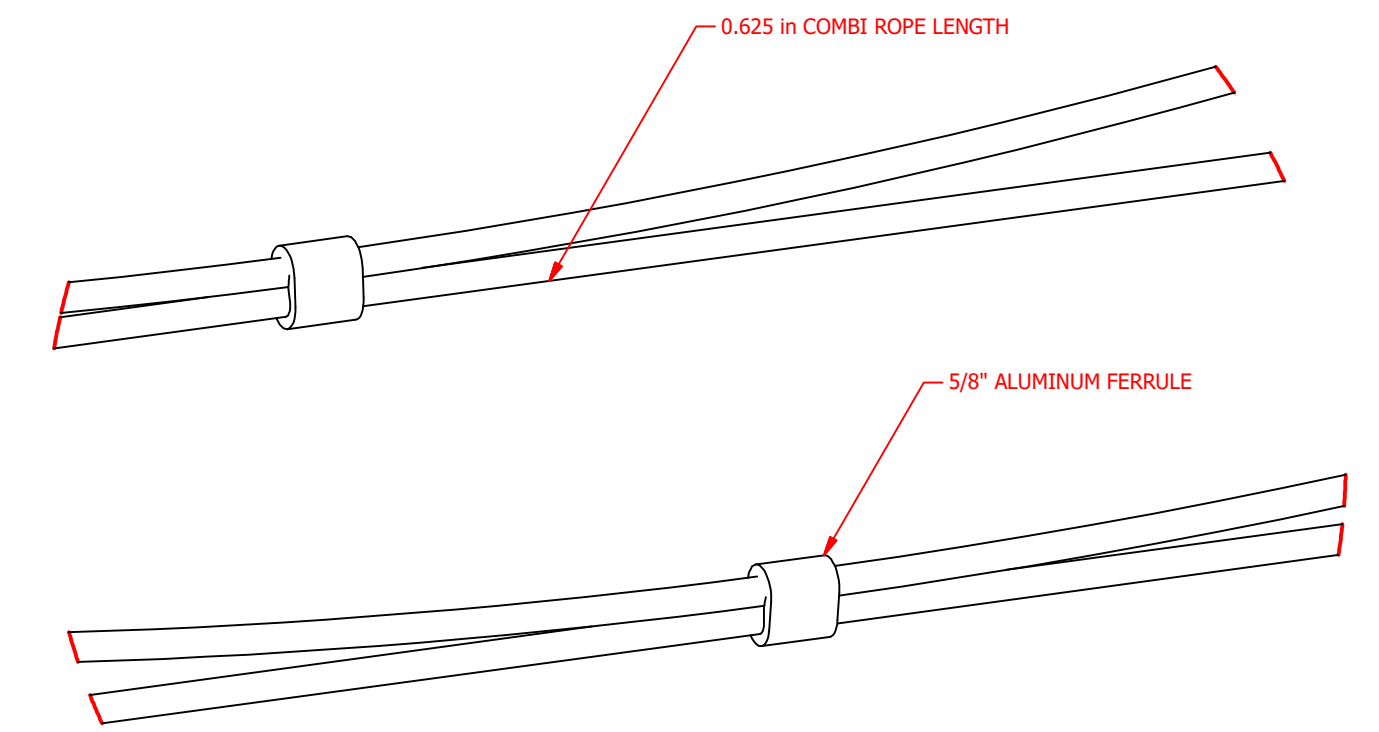
**EL104 - STIRRUP**



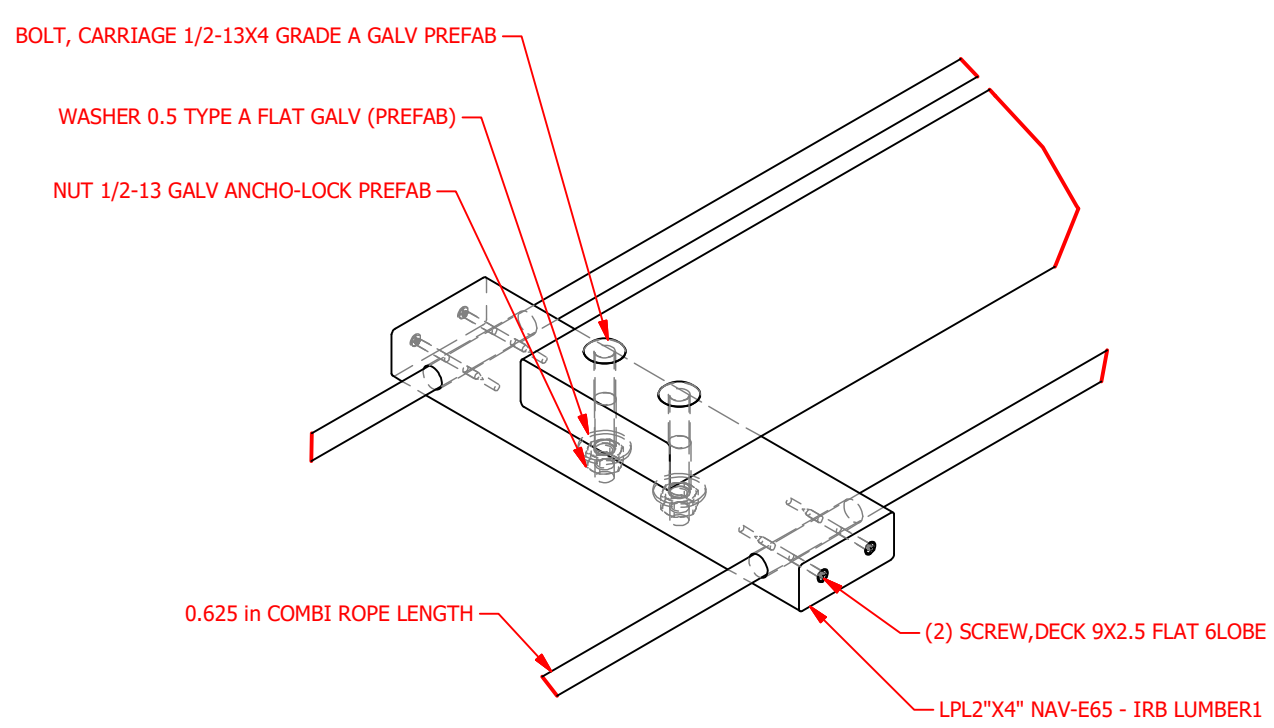
**EL105 - ROLLING LOG**



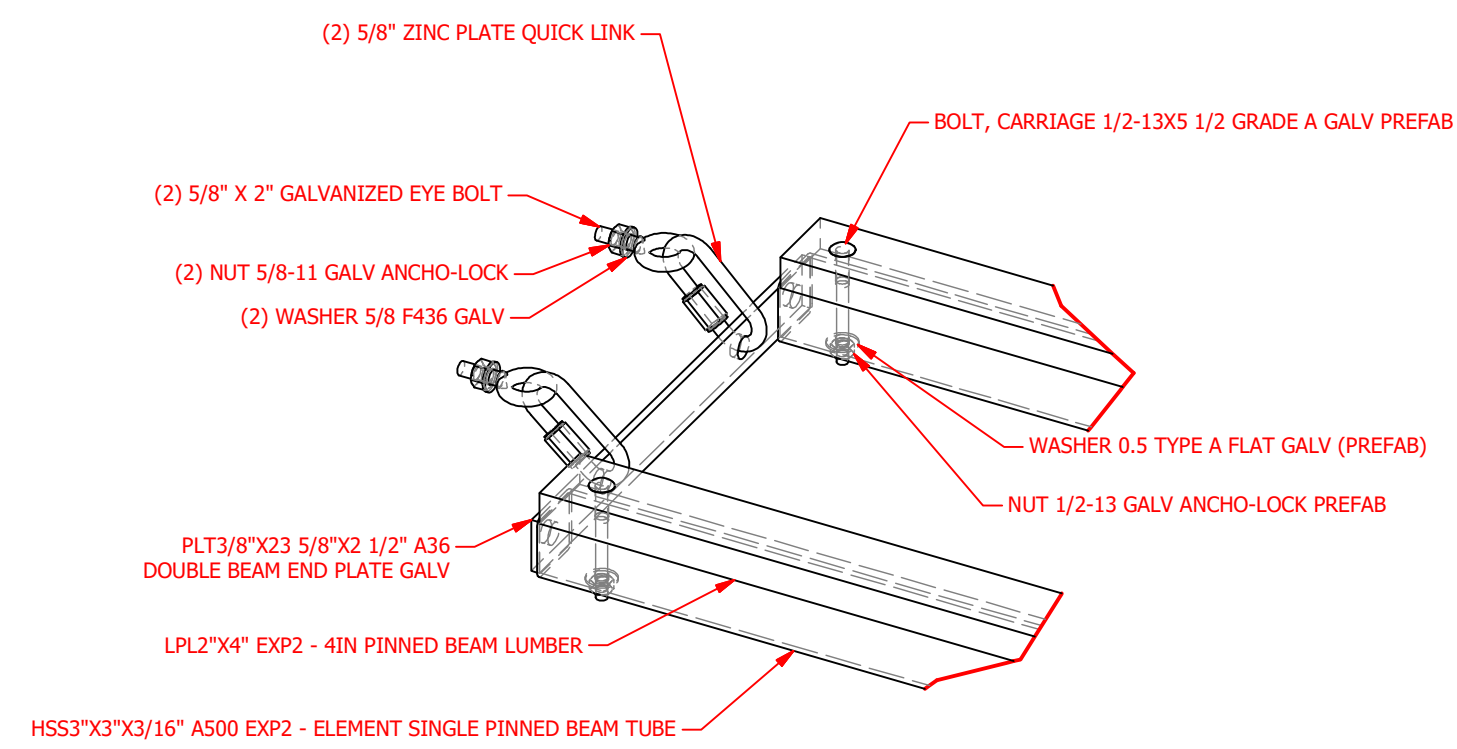
**EL106 - LILY PAD**



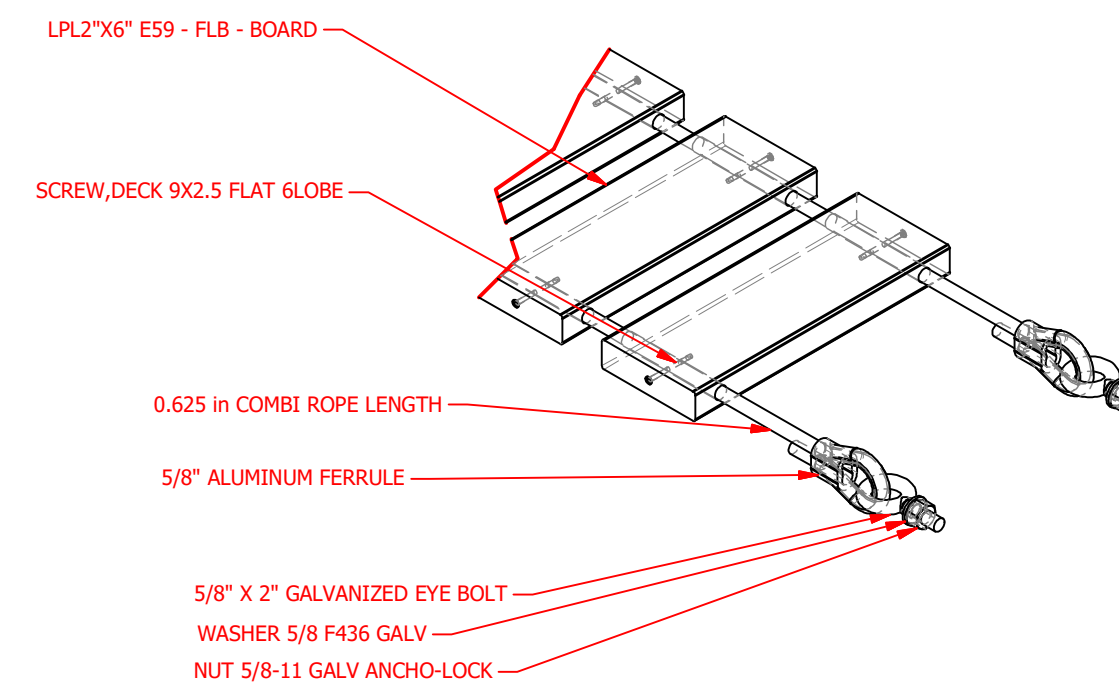
**EL107 - FERRULE**



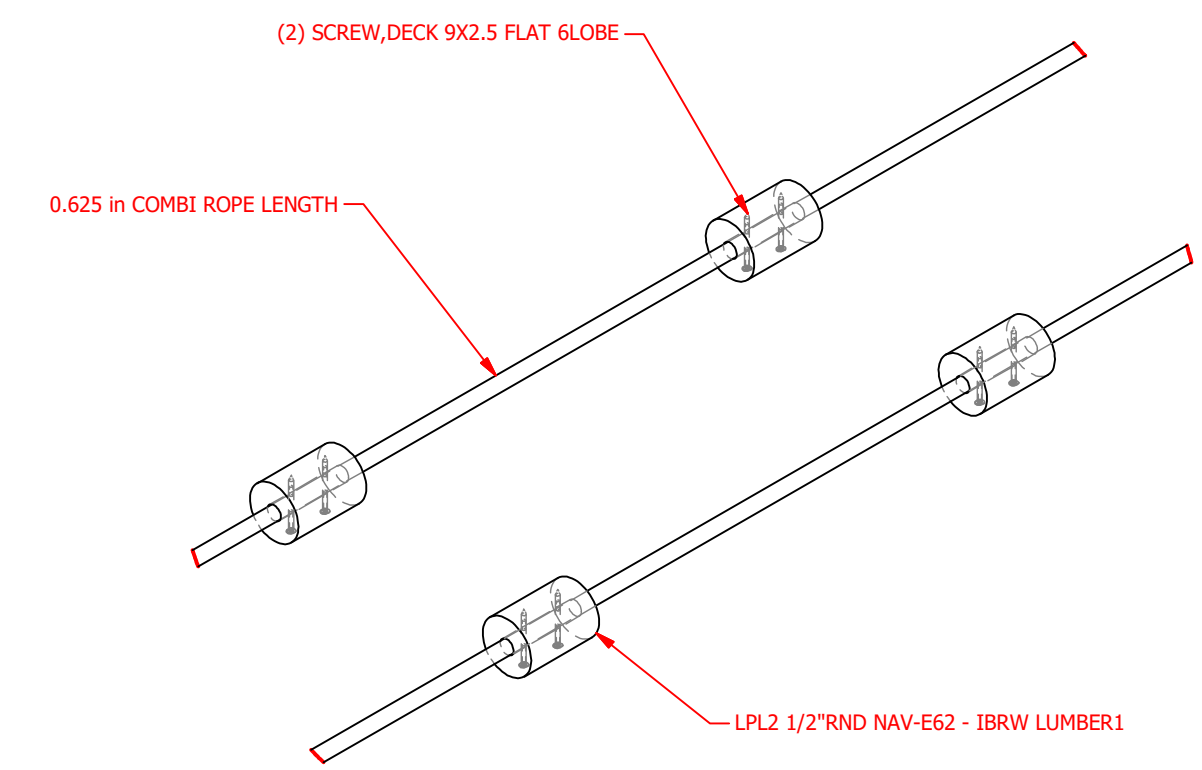
**EL108 - PLUMBER TO PLUMBER**



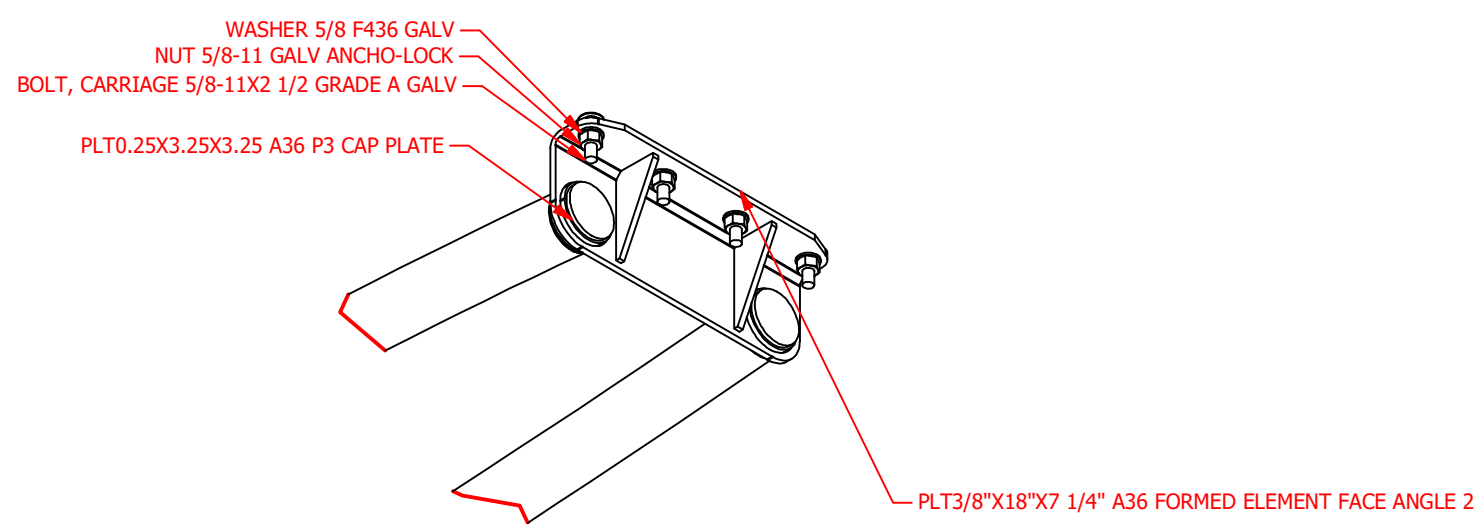
**EL109 - PINNED BEAM**



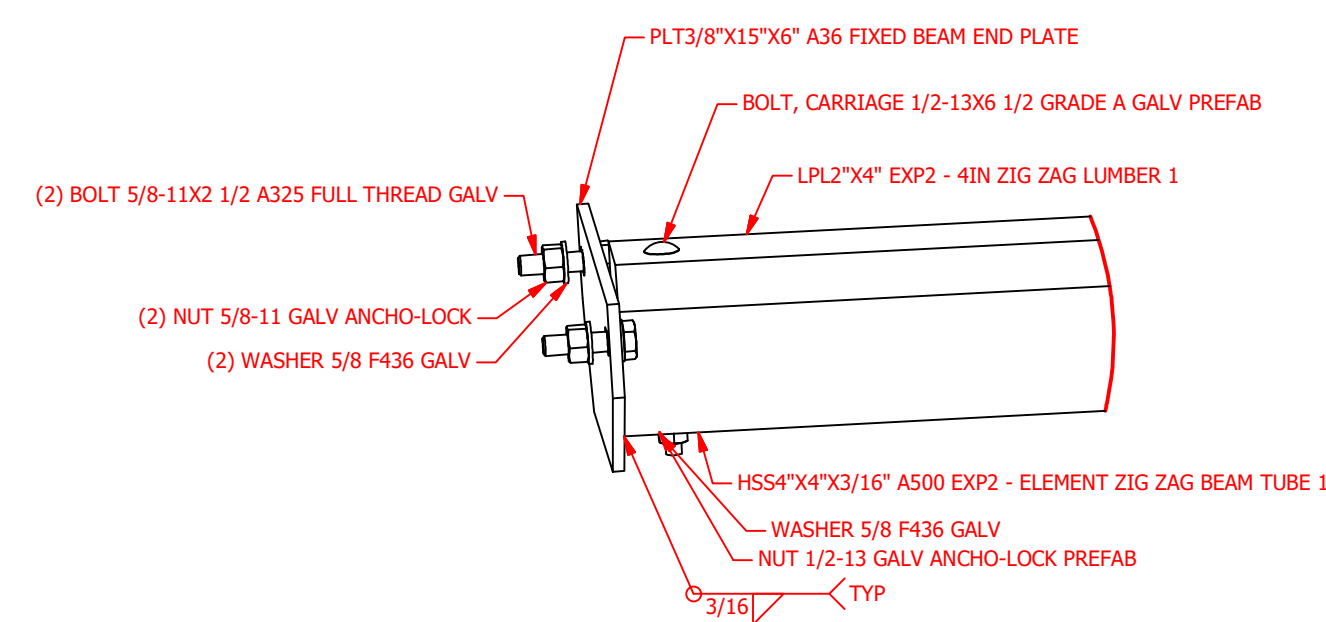
**EL110 - FULL LUMBER BRIDGE**



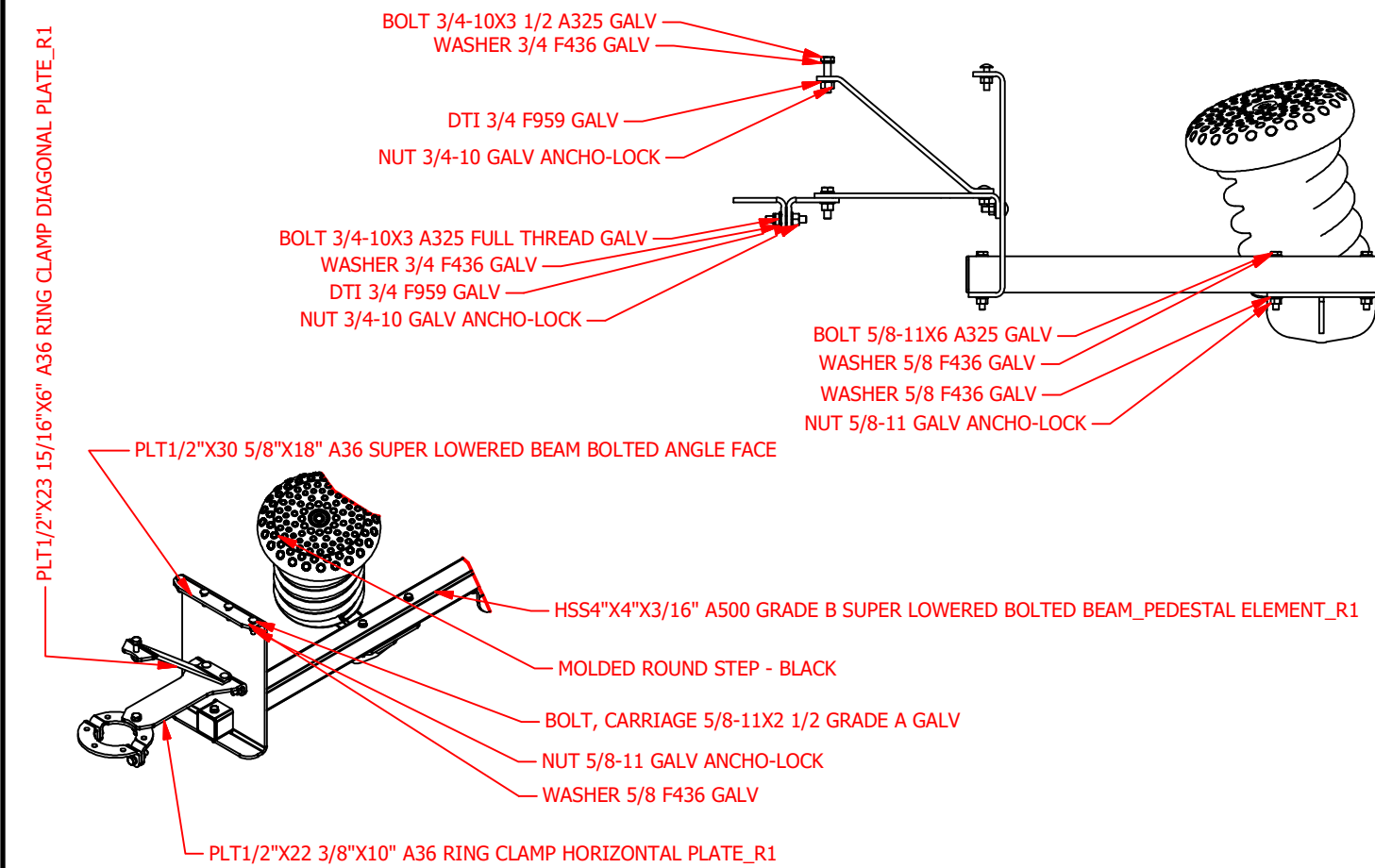
**EL111 - BUMPY ROPE WALK**



**EL112 - KELP WALK**



**EL113 - BUMPY ZIG ZAG BEAM**



**EL114 - SPRING STEPS**

