

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2020(7th EDITION) FLORIDA BUILDING CODE - BUILDING CHAPTER 16, STRUCTURAL DESIGN. THE FOLLOWING WIND LOAD REQUIREMENTS, ASCE 7-16, WERE EMPLOYED IN THE DESIGN OF THE STRUCTURE:

ULTIMATE DESIGN WIND SPEED ( $V_{ult}$ ): 140 MPH  
 3 - SECOND GUST WIND SPEED ( $V_{asd}$ ): 108.44 MPH  
 RISK CATEGORY: 2  
 WIND EXPOSURE CATEGORY: C  
 APPLICABLE INTERNAL PRESSURE COEFFICIENT: N/A  
 DESIGN WIND PRESSURE FOR EXTERIOR COMPONENTS & CLADDING: 19.2 PSF



**APPROVED**  
 By Wayne Vater at 12:37 pm, Oct 26, 2022



ATTACHMENT OPTIONS TO EXISTING STRUCTURE:

- 1 - FOR HEADER ATTACHMENT TO CONCRETE BUILDING SUCH AS TILT WALL BUILDING USE  $\frac{1}{4}$ " WEDGE ANCHORS EVERY 12" ON CENTER.
- 2 - FOR ATTACHMENT TO PORTABLE CLASSROOM USE # 14 SCREW ON 12" ON CENTER
- 3 - FOR ATTACHMENT TO HOLLOW BLOCK BEHIND BRICK SE HILTI MESH SYSTEM AT 18" ON CENTER PER MANUFACTURER SPECIFICATIONS.

GENERAL NOTES:

FLORIDA PRODUCT APPROVAL  
 PRODUCT: ROOFING  
 SUB CAT: METAL ROOFING  
 MANUFACTURER: METALS USA BUILDING PRODUCTS  
 FL #: FL2291-RG

GENERAL

1.) ALL BUILDING CONSTRUCTION MATERIALS AND INSTALLATION MUST BE IN ACCORDANCE WITH:

- FLORIDA BUILDING CODE 2020(7th EDITION)
- NATIONAL ELECTRICAL CODE 2017
- ASCE 7-16

2.) ACCESSIBILITY TO BUILDING IS FIELD AND SUBJECT TO LOCAL BUILDING CODE OFFICIAL APPROVAL ALL SITE CIRCULATION ( WALKWAYS, RAMPS, ETC) SITE PREPARATION UTILITIES SURVEY, ETC. NOT INCLUDED HEREIN AND IS TO BE PERFORMED BY OTHERS.

3.) WALK, RAMPS, STEPS OR PLATFORMS SHALL NOT BE CONSTRUCTED ADJACENT TO CANOPY AWNINGS, CASEMENTS OR PROJECTING WINDOWS IN SUCH A MANNER AS TO CREATE A HAZARD.

4.) ALL MATERIAL SUBSTITUTIONS SHALL BE THIRD PARTY TESTED FBC APPROVED PRODUCTS WITH VALID FL PRODUCT APPROVAL NUMBER. SUBSTITUTED PRODUCTS SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE SPECIFIED PRODUCT AND BE APPROVED BY THE ENGINEER OR ARCHITECT AND OWNER.

5.) ALL ELECTRICAL WORK TO BE PROVIDED BY OTHERS. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE N.E.C., AND SHALL COMPLY WITH THE APPLICABLE REGULATIONS OF LOCAL AND STATES CODES. ELECTRICAL CONTRACTOR IS TO OBTAIN AND PAY FOR REQUIRED PERMITS AND FEES FOR ELECTRICAL WORK ON SITE. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING OF FITTING. ALL WIRING SHALL BE OF THE HIGHEST QUALITY.

6.) TO THE BEST OF THE ENGINEER'S KNOWLEDGE THESE DOCUMENTS ARE COMPLETE AND IN COMPLIANCE WITH THE CRITERIA SET FORTH IN THE SOUTH CAROLINA BUILDING CODE 2018 AND SREF CHAPTER 4 SECTION 453 THERE ARE NO KNOWN ASBESTOS CONTAINING MATERIALS IN THIS PROJECT.

7.) THE PROJECT SHALL CONFORM TO THE FLORIDA FIRE PREVENTION CODE, 7TH EDITION



MATERIAL:

- 6"x6" X 0.125" COLUMNS (6005A - T61 ALLOY)
- 3"x3" X 0.125" INSERT COLUMNS (6005 A - T61 ALLOY)
- 2"x6" X 0.125" HOLLOW TUBE (6005A - T61 ALLOY)
- 1.5" X 3.125" X 1.5" HEADER CHANNEL (3003 - H14 ALLOY)
- 8"x4" X 0.125" BASE PLATE (3003 - H14 ALLOY)
- 5.75" X 5.75" X 0.125" BASE PLATE (3003 - H14 ALLOY)
- 5.5" X 22" X 0.250" GUSSET PLATE (6005A - T61 ALLOY)
- 1.75" X 5.75" X 0.125" INTERNAL CHANNEL (3003 - H14 ALLOY)
- $\frac{1}{4}$ " DIAMETER TREXX-T3 1" SCREWS
- #14 X  $\frac{3}{4}$ " TEX SCREWS
- $\frac{1}{4}$ " DIAMETER X 4" LAG SCREWS
- A307  $\frac{3}{8}$ " DIAMETER CORROSIVE RESISTIVE THRU BOLTS
- A307  $\frac{1}{2}$ " DIAMETER CORROSIVE RESISTIVE THRU BOLTS
- $\frac{1}{4}$ " DIAMETER RED HEAD TAPCONS
- $\frac{5}{8}$ " DIAMETER RED HEAD L.D.T.
- $\frac{3}{8}$ " X 40" WITH 6" DIAMETER HELIX TIE DOWN
- #5 REINFORCEMENT BARS

INDEX:

SHEET#	DESCRIPTION
1	COVER
2	SITE LAYOUT
3	SITE LAYOUT LEFT LEG
4	SITE LAYOUT MIDDLE
5	SITE LAYOUT RIGHT LEG
6	POST LAYOUT
7	PLAN VIEW
8	SIDE ELEVATION
9	FRONT ELEVATION
10	SIDE ELEVATION BALL DISP.
11	FRONT ELEVATION BALL DISP.
12	SIDE ELEVATION BALL CLEANING
13	FRONT ELEVATION BALL CLEANING
14	DETAILS
15	DETAILS
16	ANCHOR DETAILS
17	ANCHOR BASE PLATE DETAILS

1. CONTRACTOR IS ALLOWED TO USE 6"x6" X 0.125" ALUMINUM COLUMNS IN LIEU OF THE 4"x 4" X 0.125" COLUMN AS SPECIFIED ON SHEET 2 OF THE PROVIDED DRAWINGS FOR A MAXIMUM HEIGHT OF 15 FEET.
2. CONTRACTOR IS ALLOWED TO INCREASE THE WIDTH OF THE INTERNAL BASE PLATE AS SHOWN ON SHEET 6 OF 8 TO ACCOMMODATE THE 6"x6" X 0.125" ALUMINUM POST WITH A MINIMYM BASE PLATE SIZE OF 5.75"x5.75" X 0.125" .
3. CONTRACTOR IS ALLOWED TO USE 3" THICK, 0.032" THICK SKIN, 1.5LBS. FOAM PANEL TO SPAN 15 FEET MAXIMUM
4. CONTRACTOR IS ALLOWED TO INCREASE FROM 12' TO SPAN 16' IN LENGTH BETWEEN COLUMNS USING 2"x10" X 0.125" HOLLOW TUBE BEAM WITH 6"x6" X 0.125" COLUMN.

REVISIONS:

REV 1 FIRE COMMENT

Clermont National Golf Course  
 2601 Diamond Club Dr,  
 Clermont FL, 34711

COVER SHEET

COVER THE TEES  
 1713 KENNEDY PT  
 OVIEDO FL, 32765



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 OVIEDO FL 32762



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 Orlando, FL 32811  
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SCALE: AS NOTED

DRAWN BY: KGM

SHEET

.1

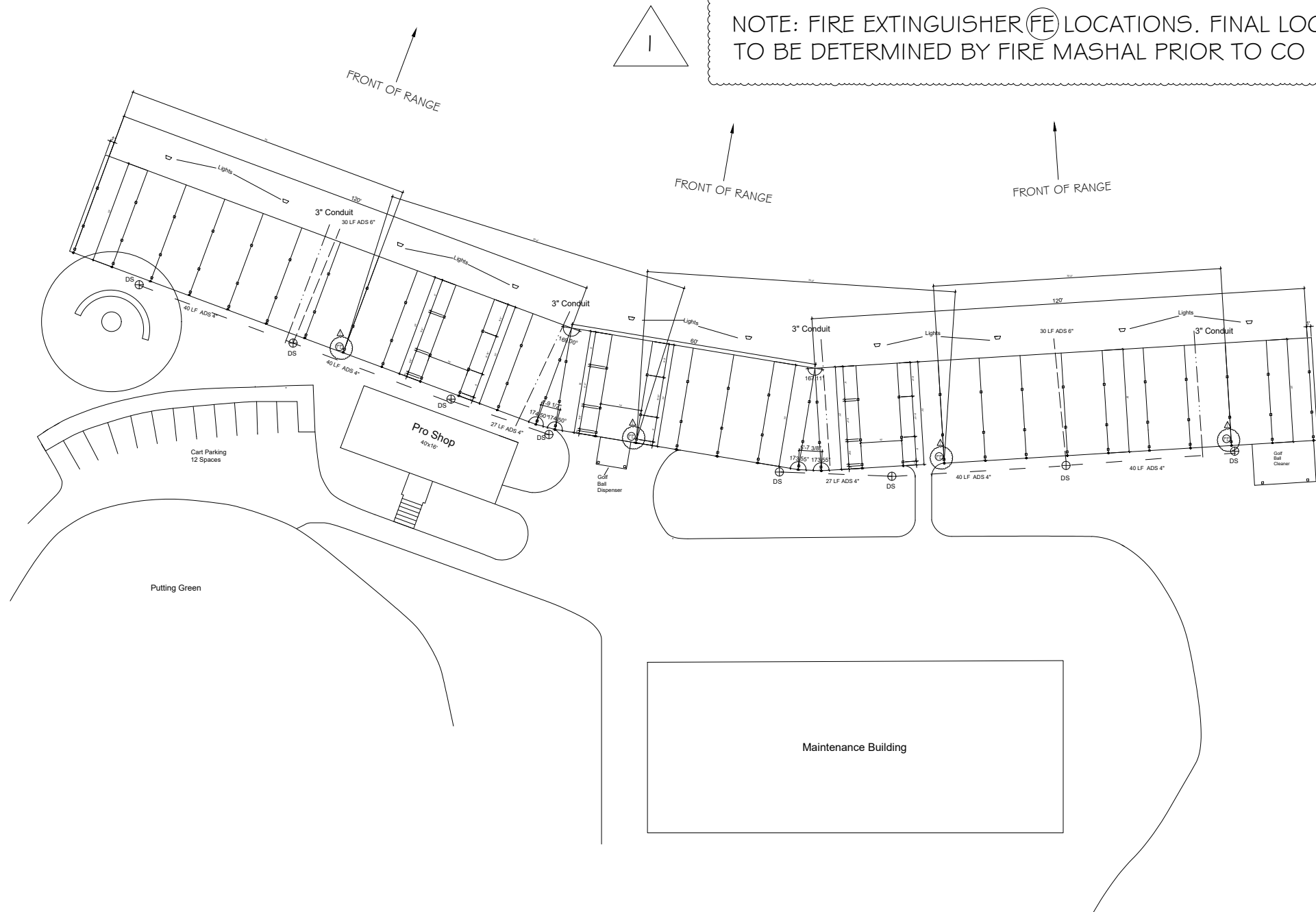
COMPLETE RANGE SITE PLAN  
30 BAYS

**APPROVED**  
By Wayne Vater at 12:37 pm, Oct 26, 2022

REVISIONS:

1	REV 1 FIRE COMMENT


NOTE: FIRE EXTINGUISHER (FE) LOCATIONS. FINAL LOCATIONS TO BE DETERMINED BY FIRE MASHAL PRIOR TO CO



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SITE LAYOUT

COVER THE TEES  
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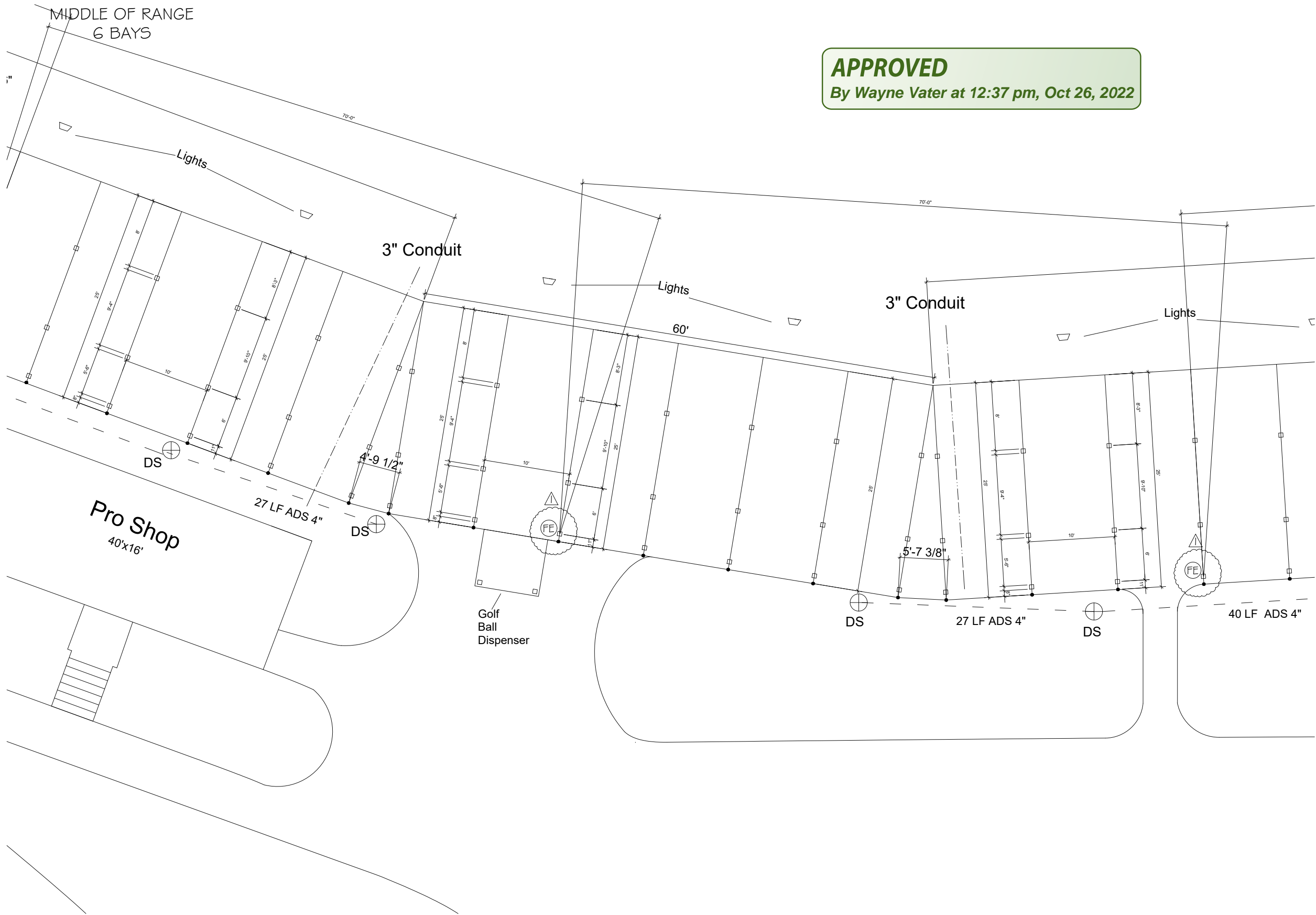
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REV 1	FIRE COMMENT

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**SITE LAYOUT**

COVER THE TEES  
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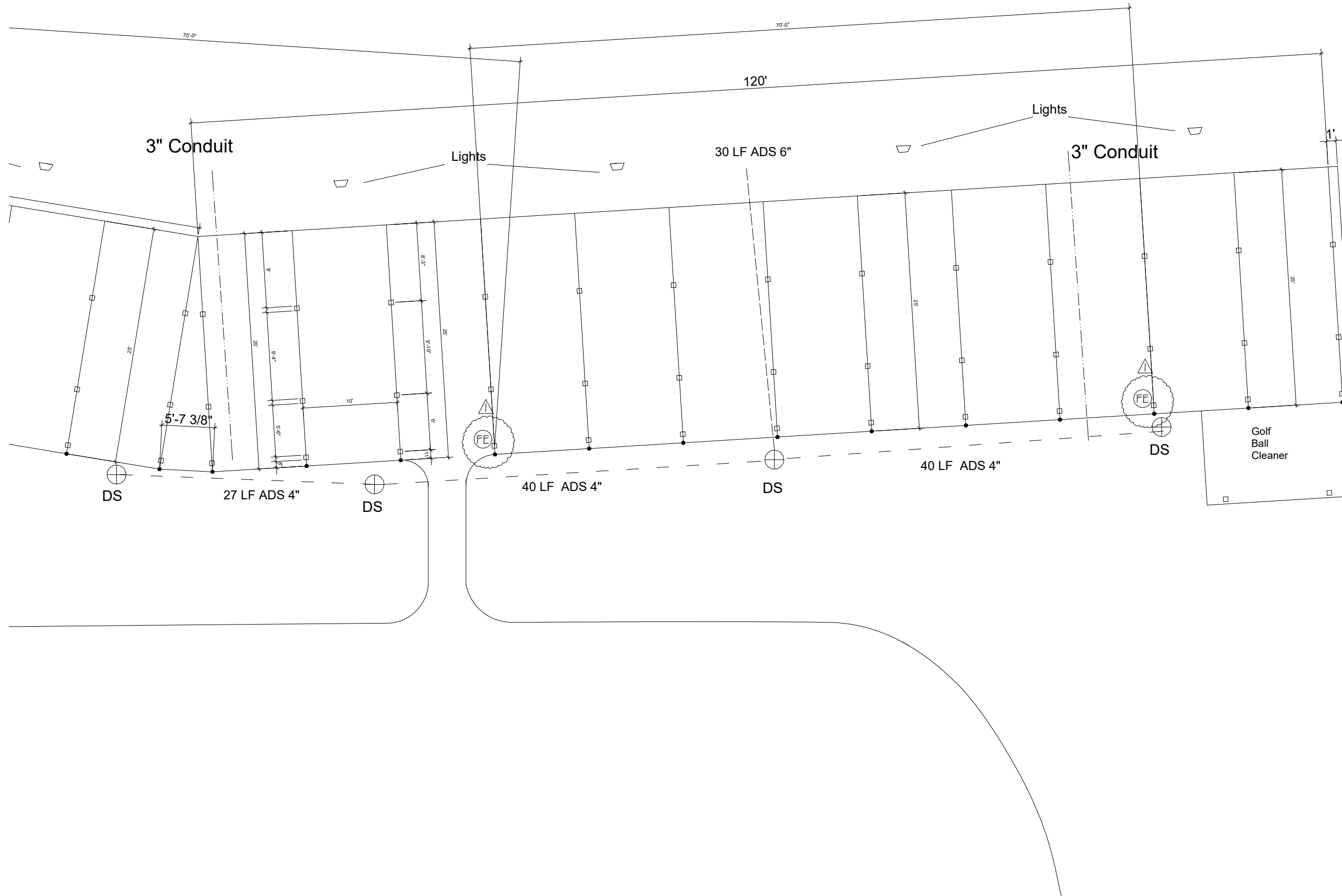
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SHEET  
 .4

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RIGHT LEG OF RANGE  
12 BAYS

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SITE LAYOUT

COVER THE TEES  
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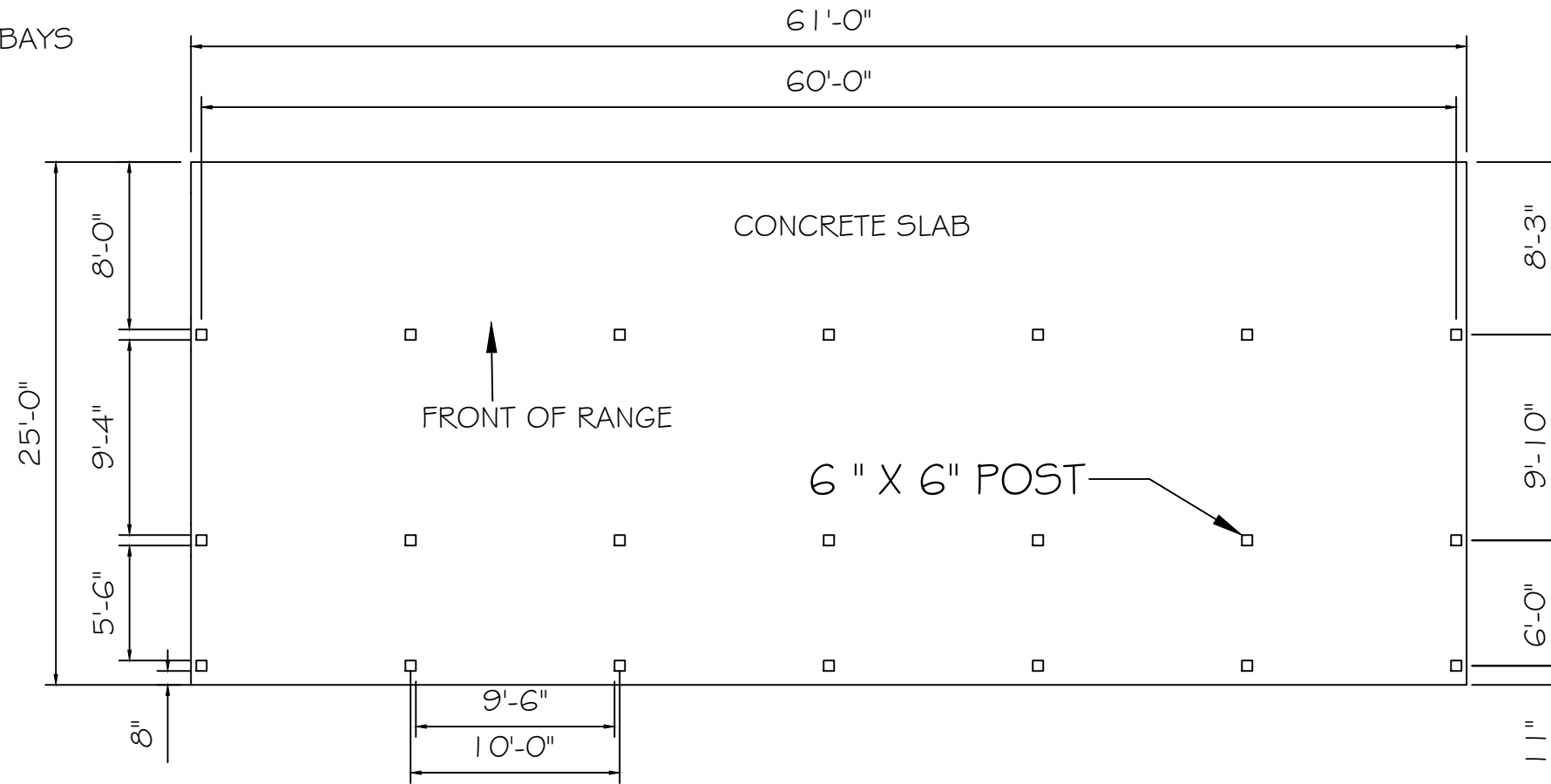
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SHEET	.5

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MIDDLE COVERED BAYS  
6 TOTAL



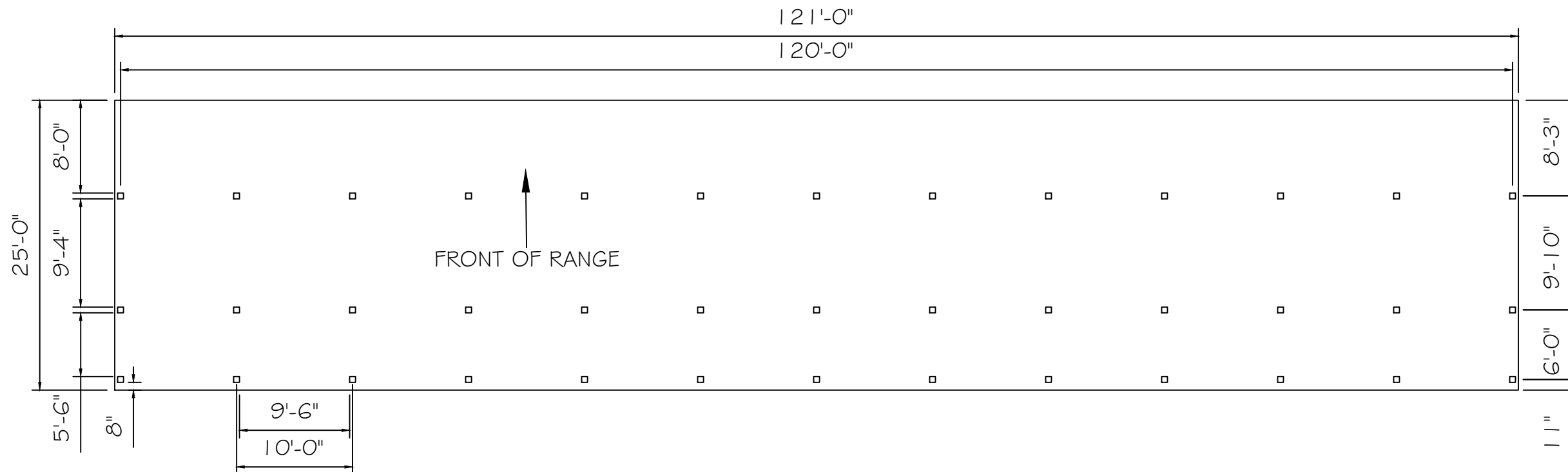
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POST LAYOUT

SIDE COVERED BAYS  
12 TOTAL



COVER THE TEES  
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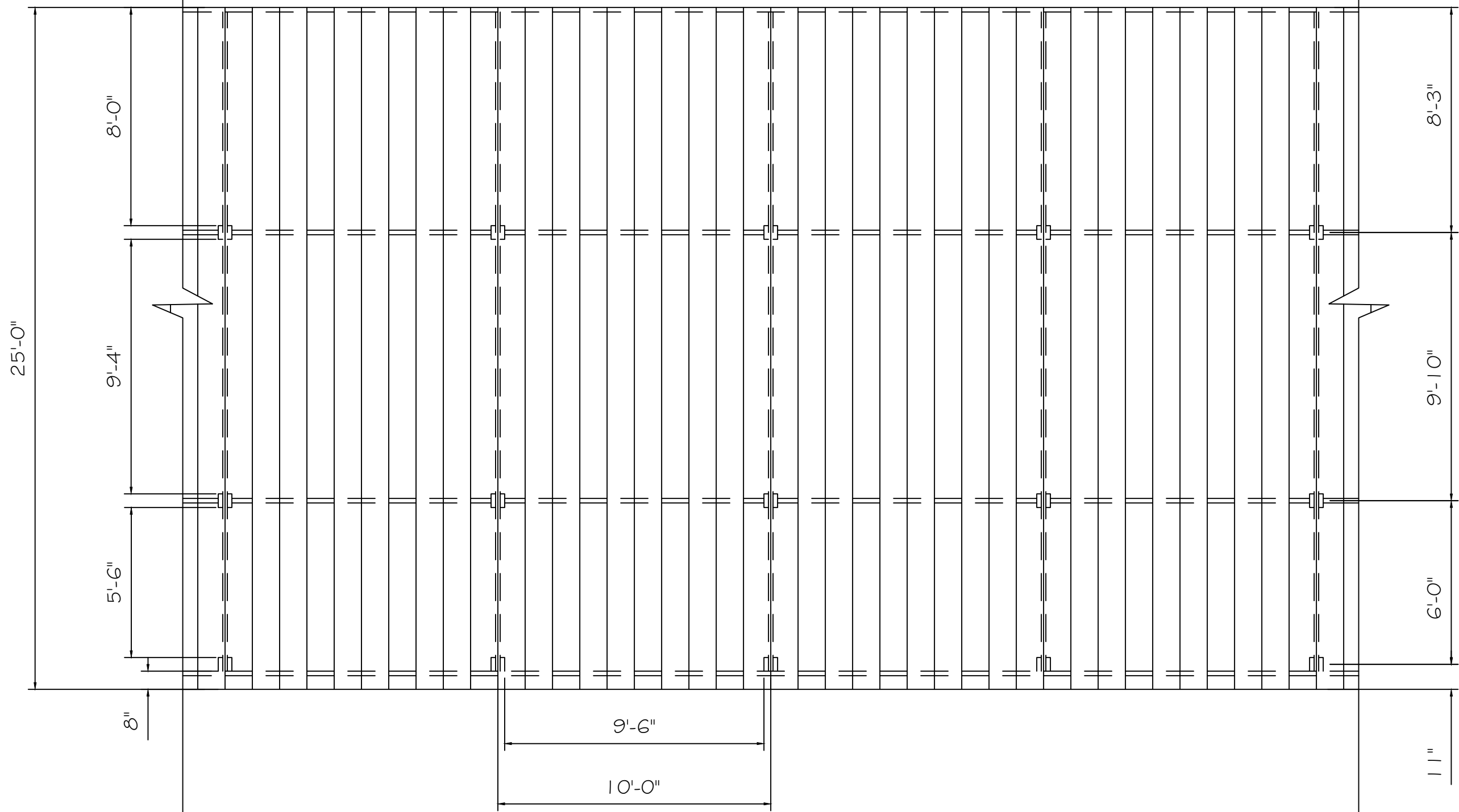
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SHEET  
.6

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FRONT OF RANGE



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PLAN VIEW

COVER THE TEES  
1713 KENNEDY PT  
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SHEET  
.7

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2" X 6" HOLLOW BEAM

$\frac{1}{12}$  roof slope canopy side view

2" X 6" KICKER

6" X 6" POST

6" X 6" POST

2" X 6" HOLLOW BEAM

2" X 6" HOLLOW BEAM

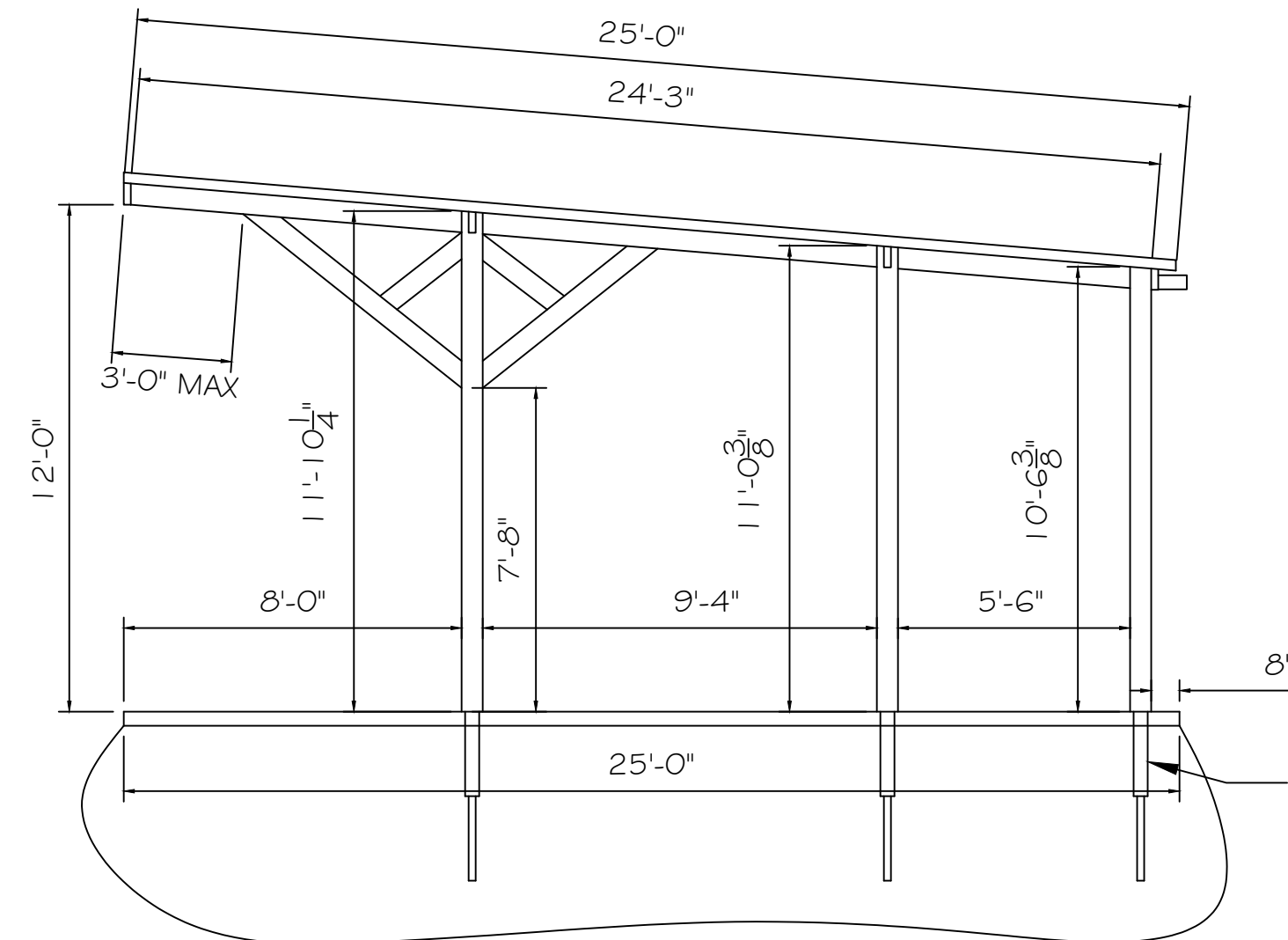
3" METAL STANDING SEAM

OPTIONAL GUTTER ATTACHMENT

2" X 6" HOLLOW BEAM

6" X 6" POST

4" CONCRETE SLAB



$\frac{1}{12}$  roof slope canopy side view

SEE PG. 16 & 17 FOR ANCHOR DETAILS

NTS

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SIDE ELEVATION

COVER THE TEES  
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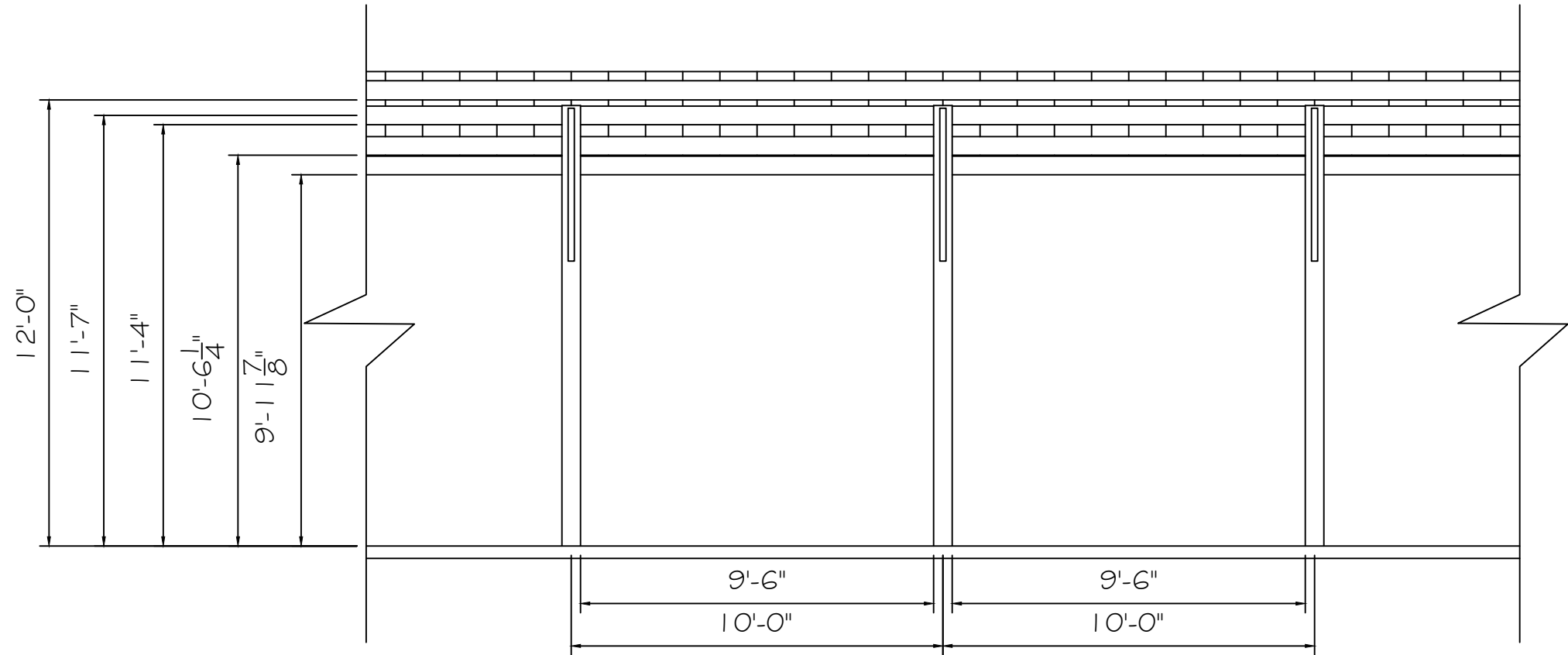
SHEET

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- 3" METAL STANDING SEAM
- 2" X 6" HOLLOW BEAM
- 2" X 6" HOLLOW BEAM
- 2" X 6" HOLLOW BEAM
- 2" X 6" HOLLOW BEAM
- 2" X 6" HOLLOW BEAM
- 2" X 6" KICKER
- 6" X 6" POST
- 4" CONCRETE SLAB




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FRONT ELEVATION

COVER THE TEES  
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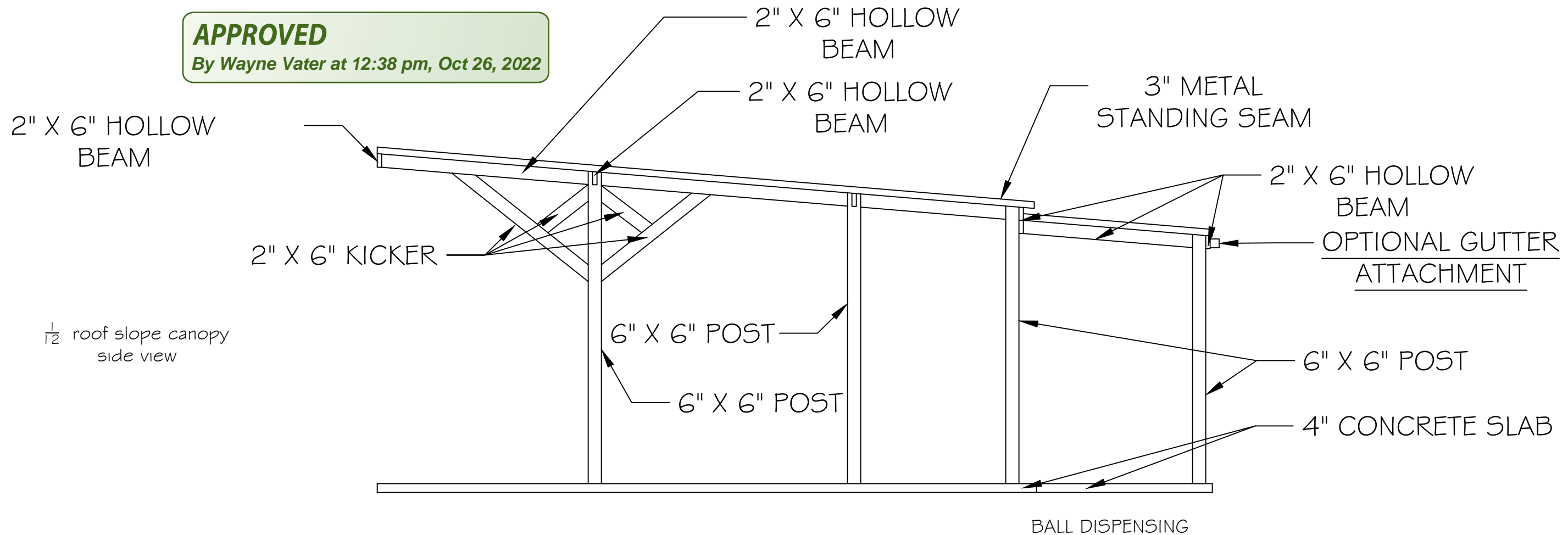
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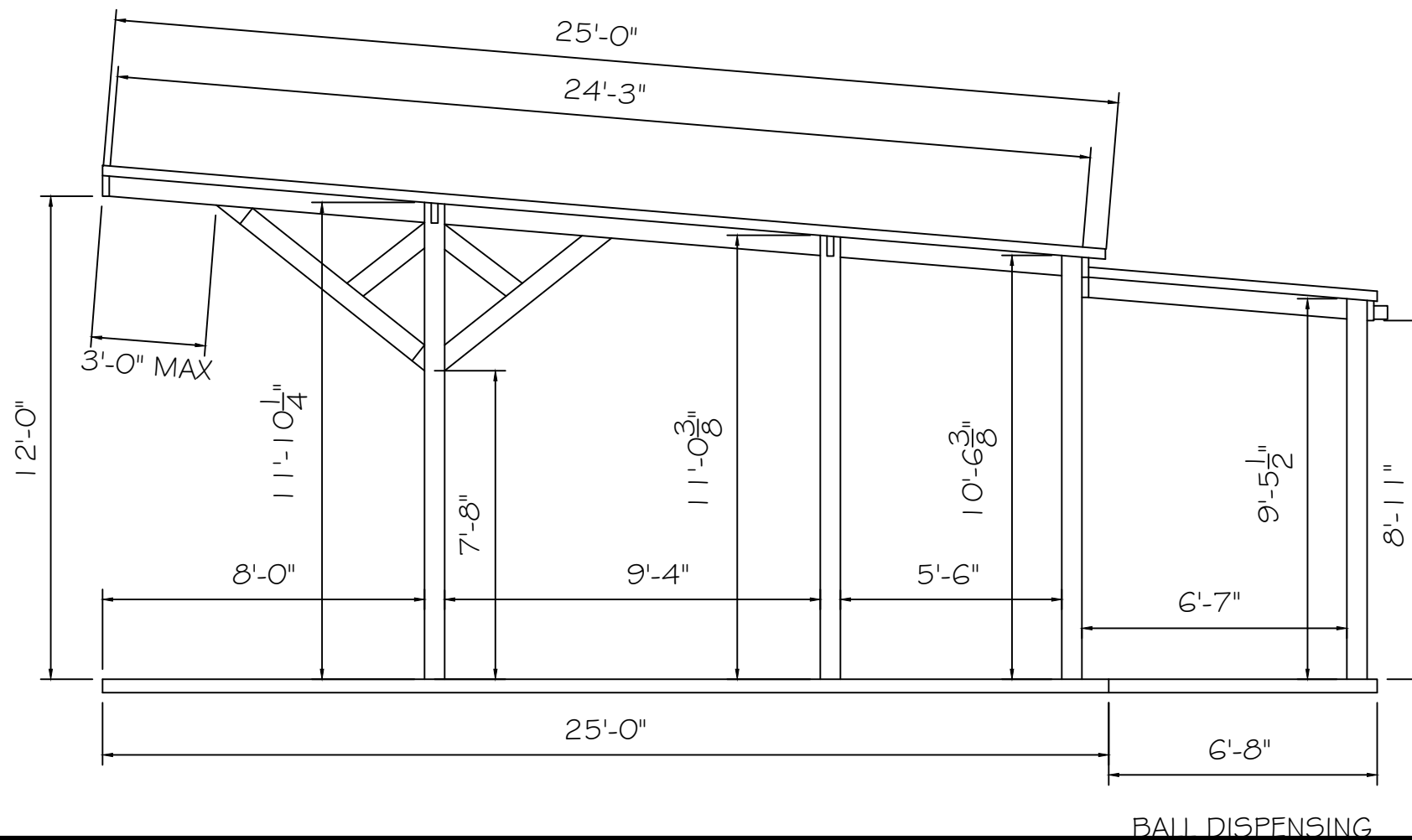
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$\frac{1}{12}$  roof slope canopy side view



$\frac{1}{12}$  roof slope canopy side view

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SIDE ELEVATION BALL DISP.

COVER THE TEES  
1713 KENNEDY PT  
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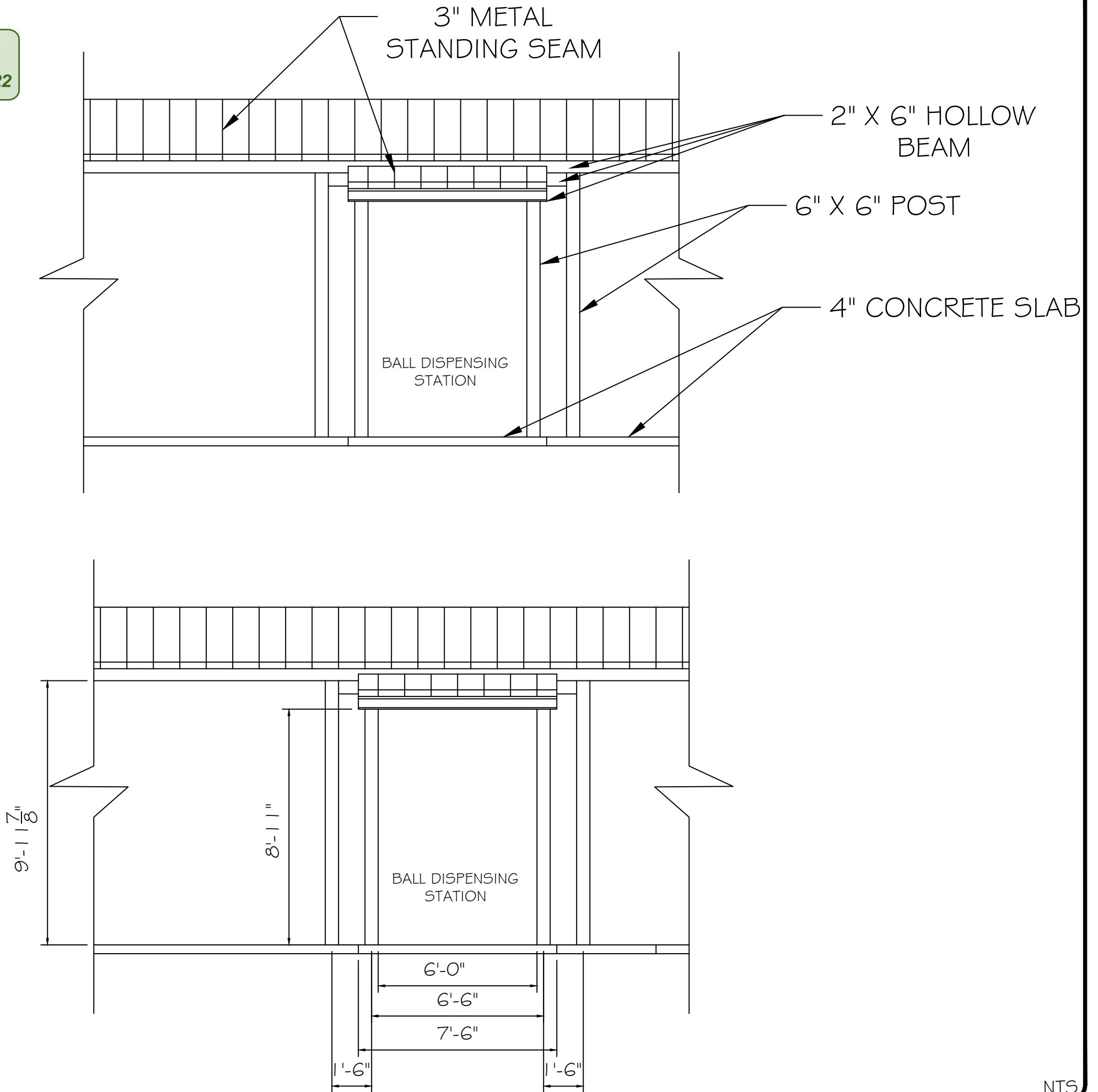
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FRONT  
ELEVATION  
BALL DISP.

COVER THE TEES  
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SHEET

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3" METAL  
STANDING SEAM

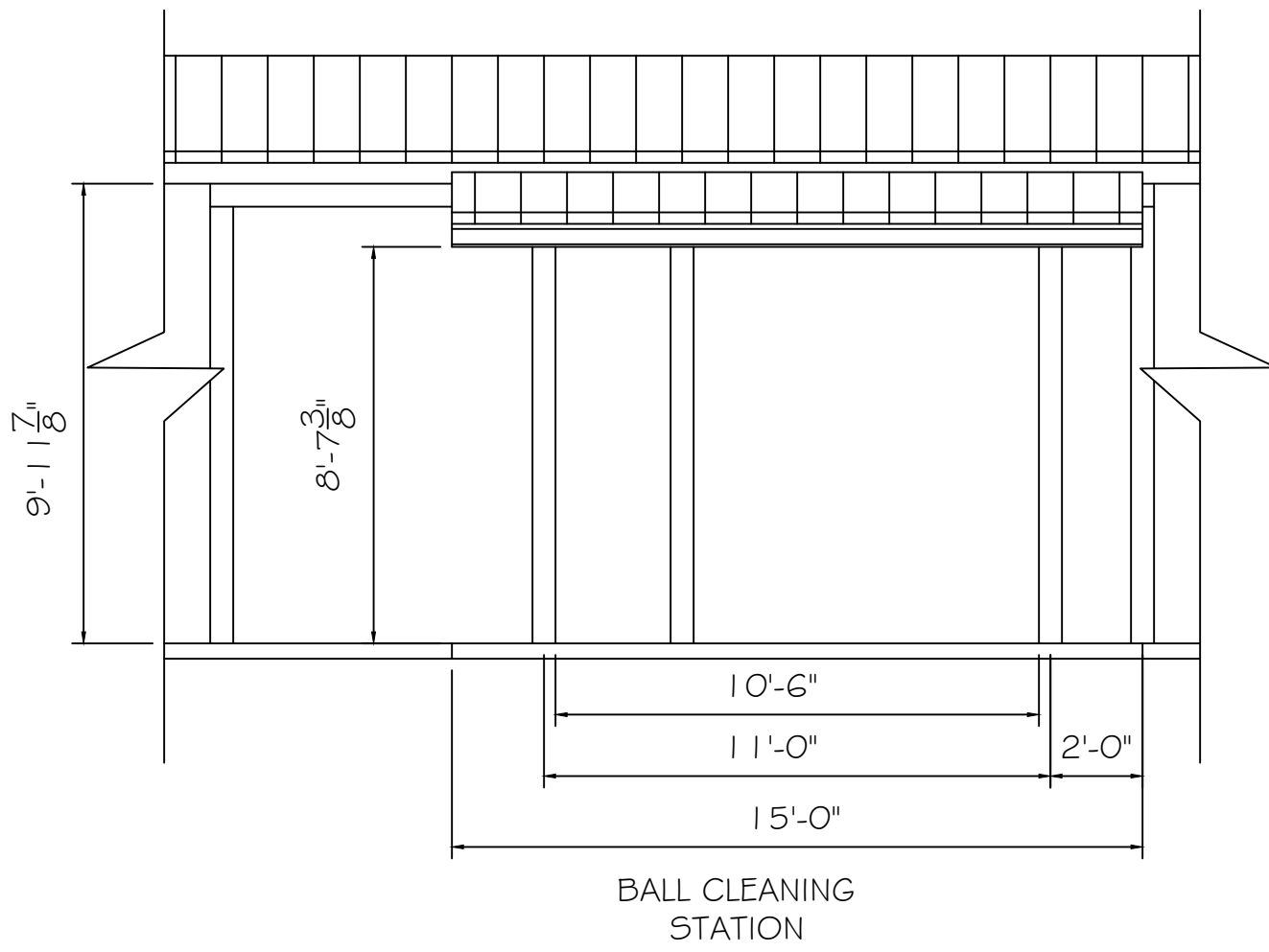
2" X 6" HOLLOW BEAM

6" X 6" POST

4" CONCRETE SLAB

BALL CLEANING  
STATION

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FRONT  
ELEVATION  
BALL CLEANING

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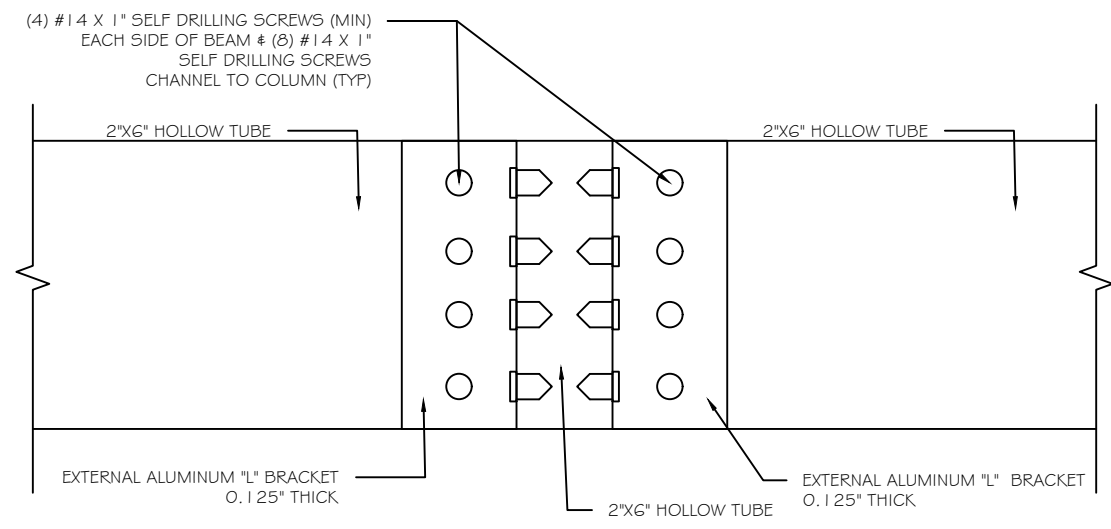
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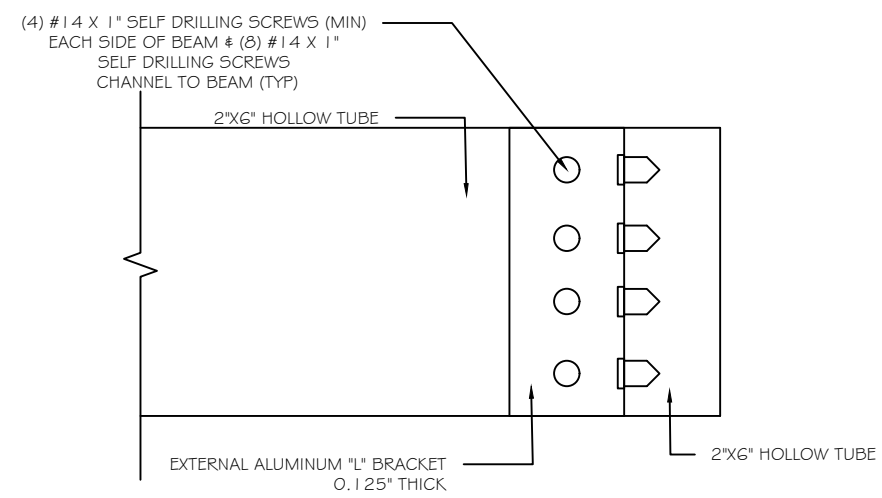
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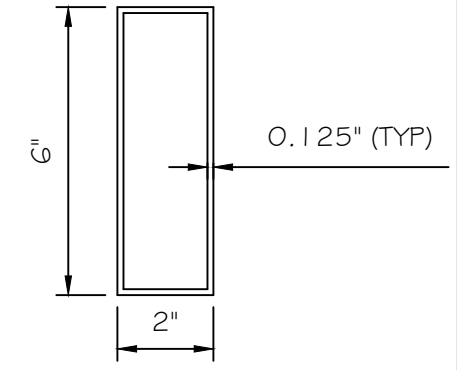
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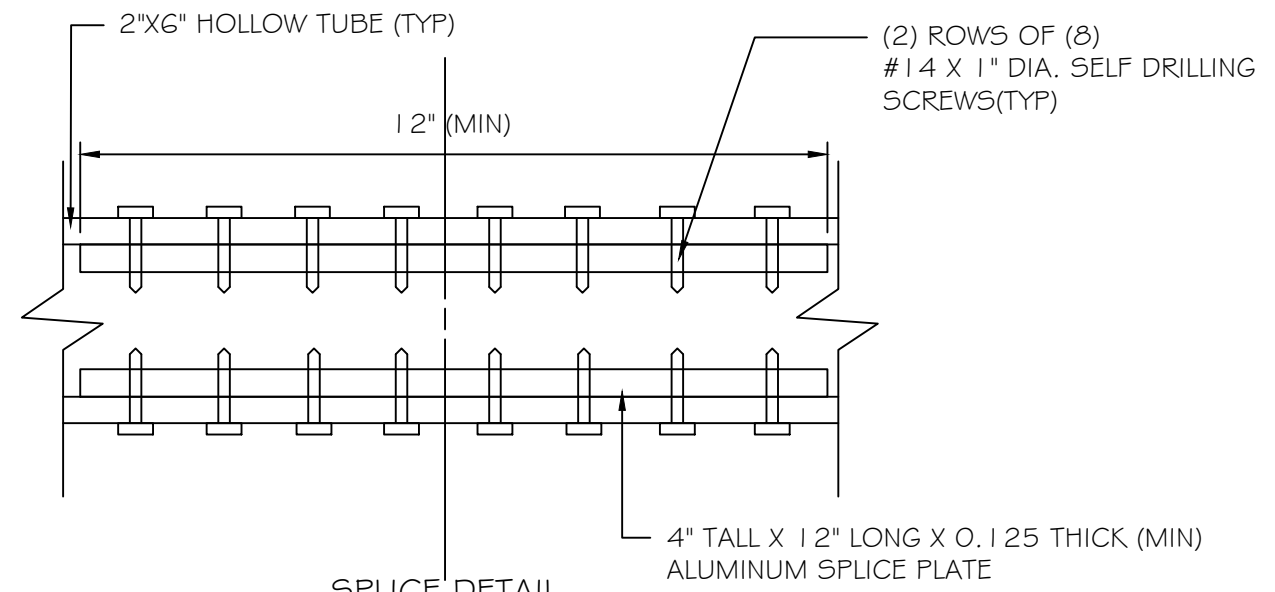
BEAM TO BEAM



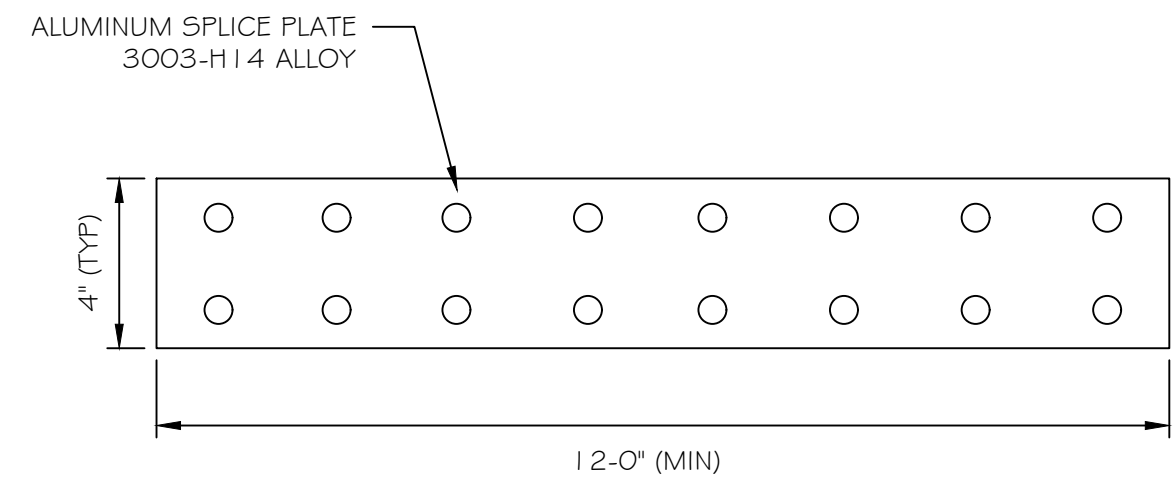
BEAM TO BEAM



CROSS SECTION OF BEAM



SPlice DETAIL



SPlice PLATE - PLAN VIEW

Clermont National Golf Course  
2601 Diamond Club Dr,  
Clermont FL, 34711

DETAILS

COVER THE TEES  
1713 KENNEDY PT  
OVIEDO FL, 32765



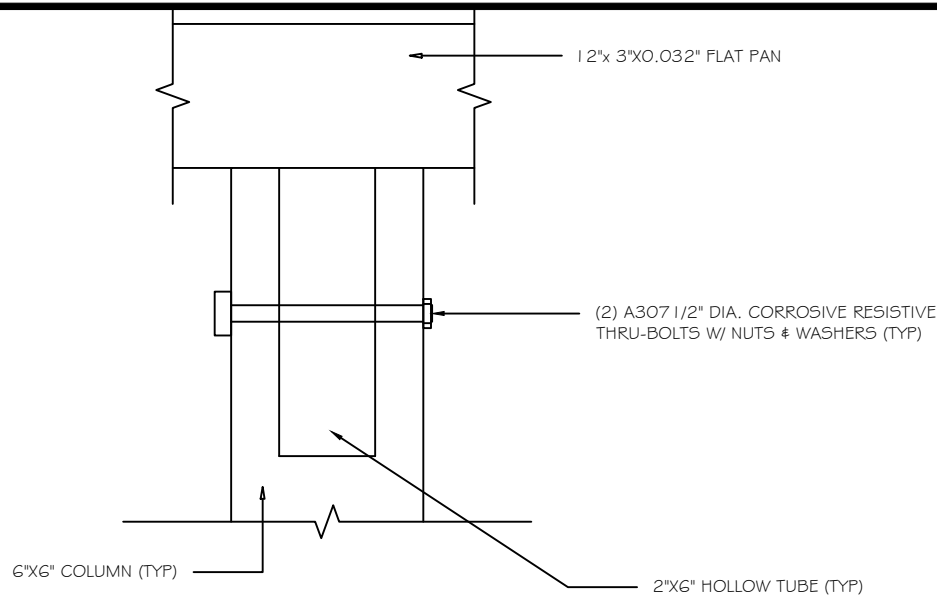
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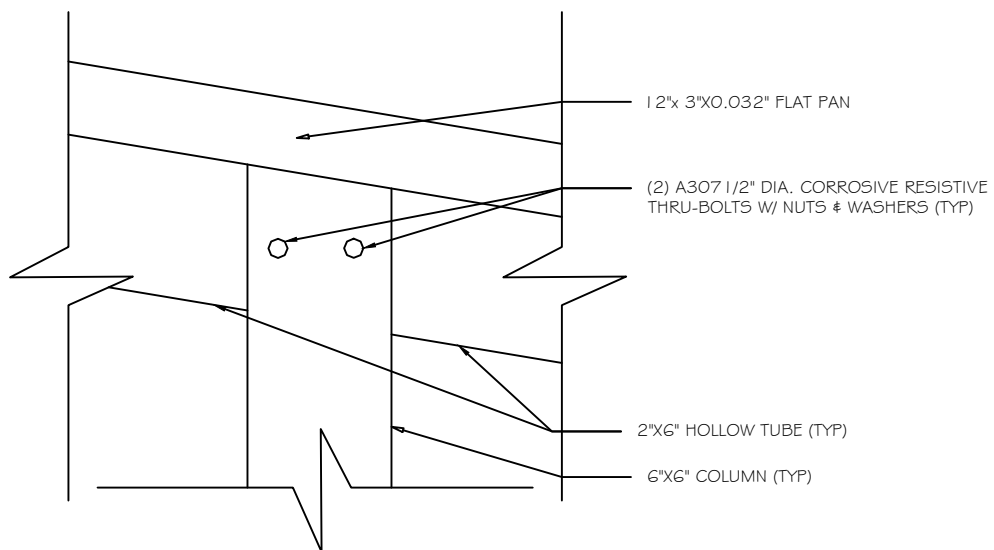
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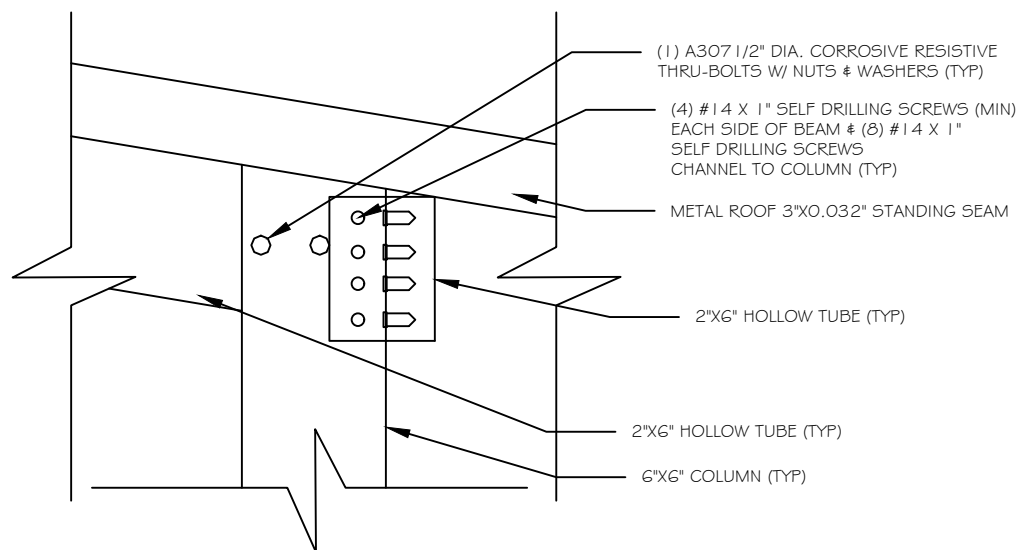




POST TO BEAM CONNECTION - CENTER NOTCH

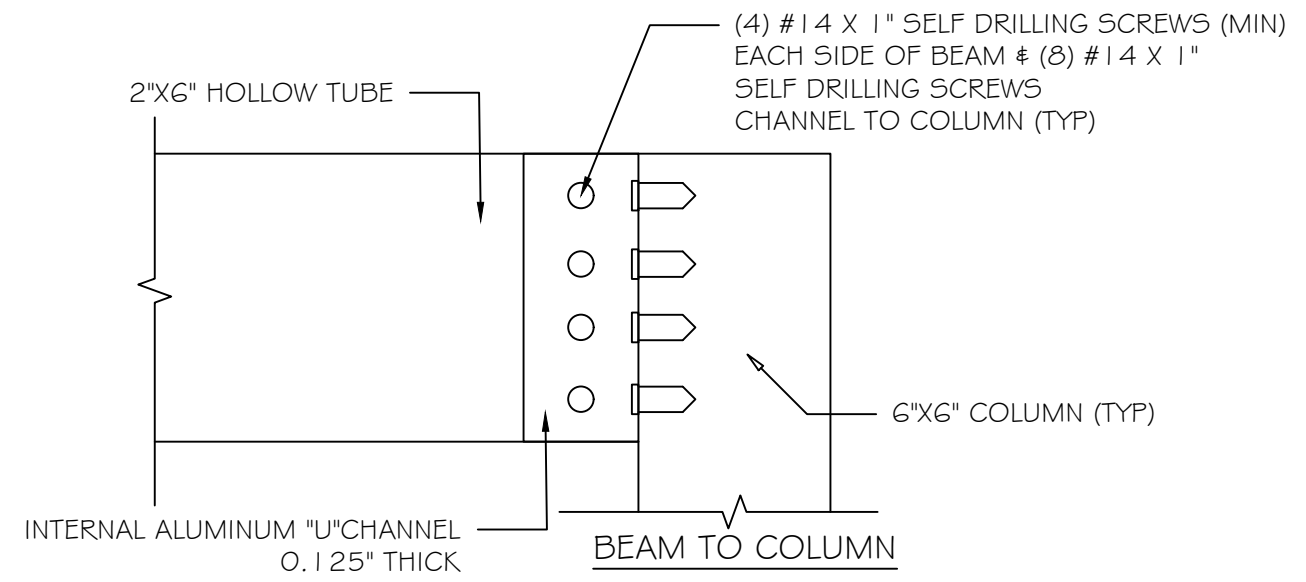


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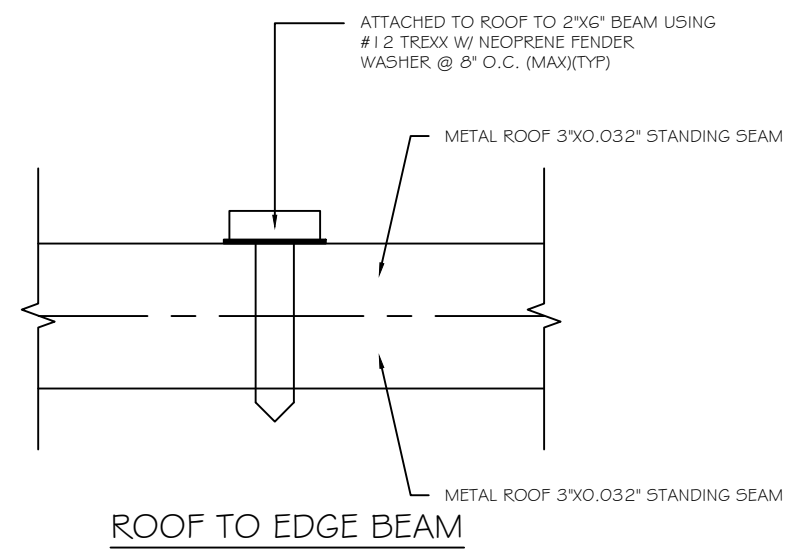


POST TO BEAM CONNECTION - CENTER NOTCH  
REAR POST

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By Wayne Vater at 12:38 pm, Oct 26, 2022



BEAM TO COLUMN




ROOF TO EDGE BEAM

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DETAILS

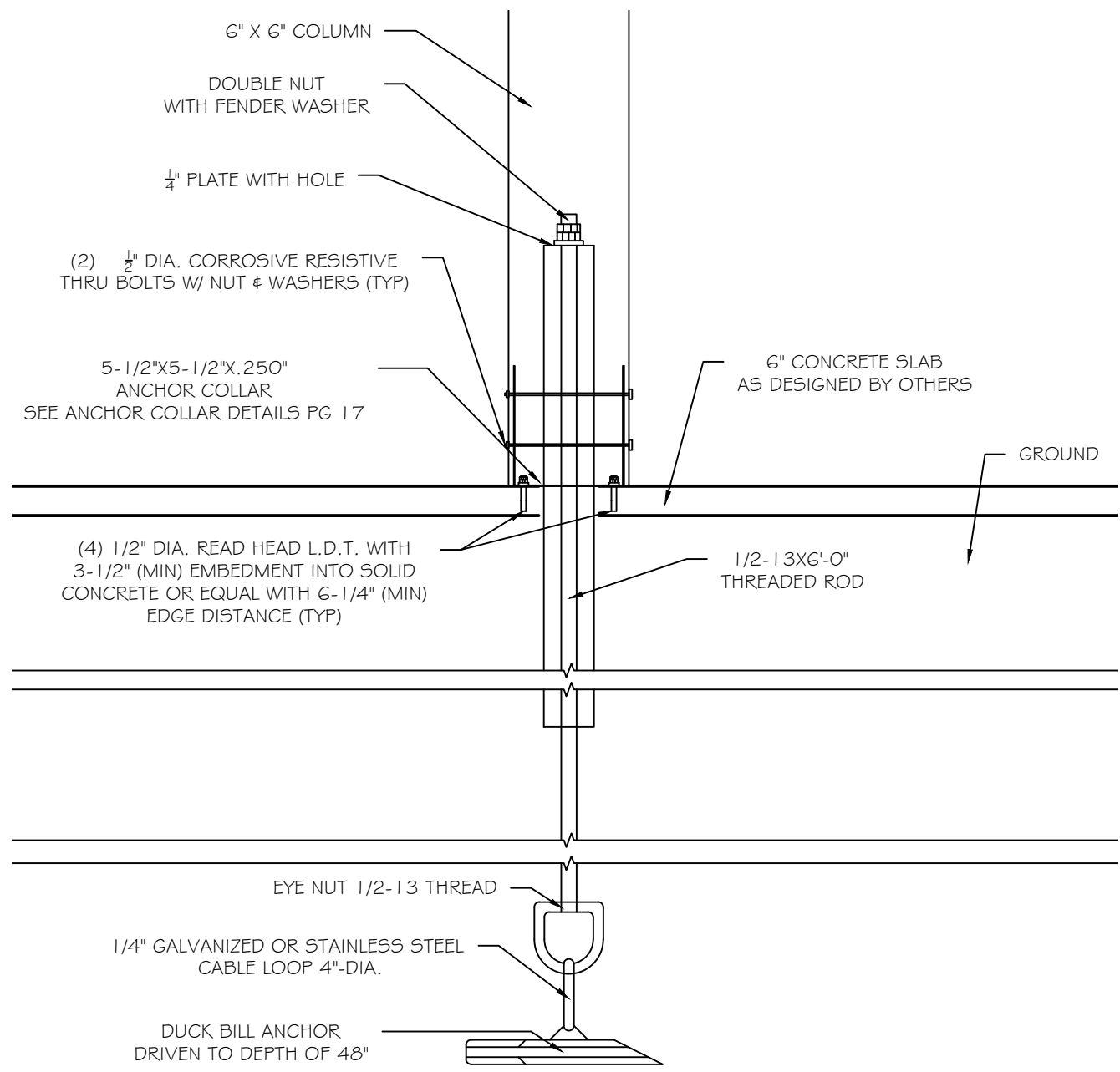
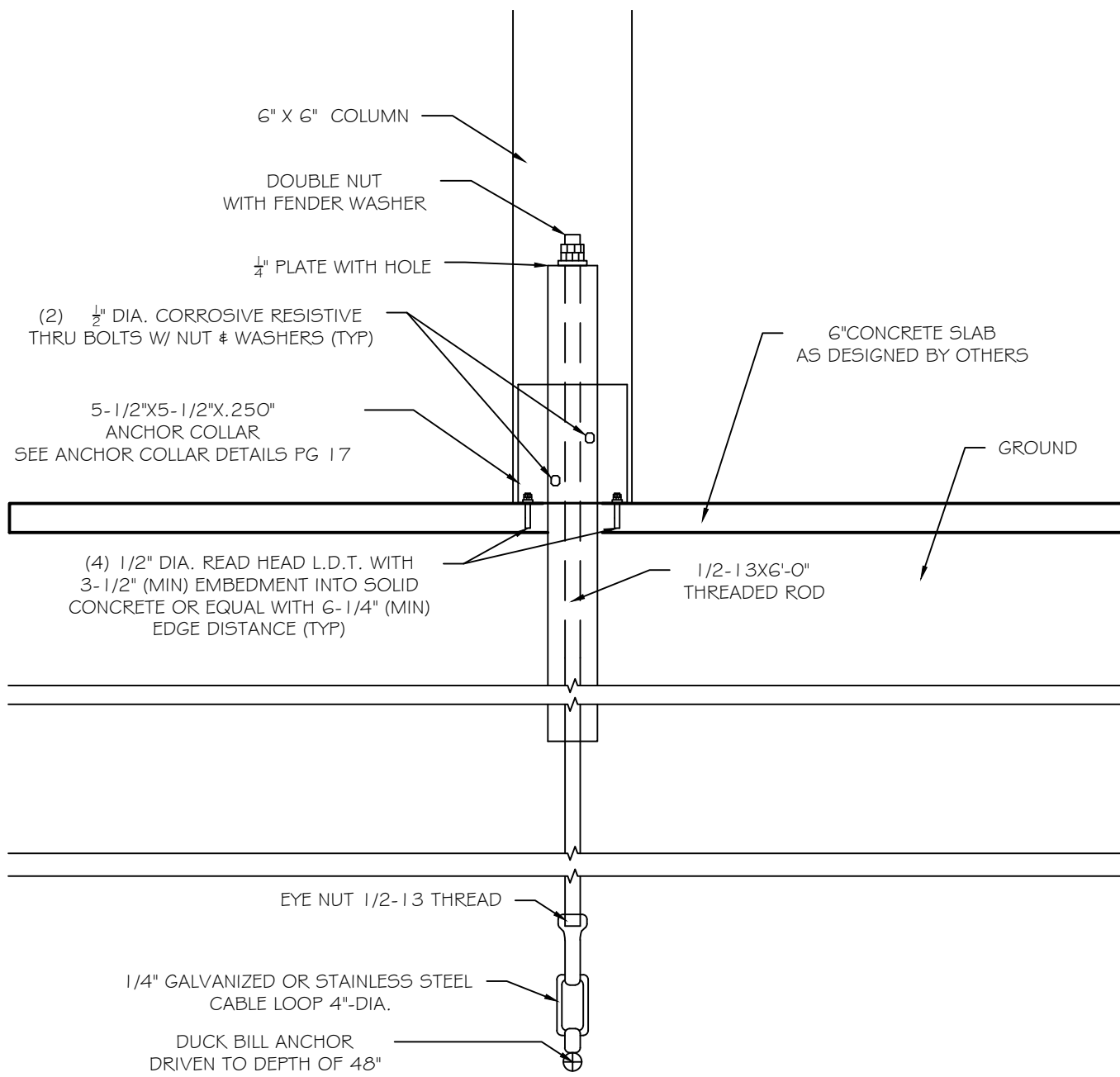
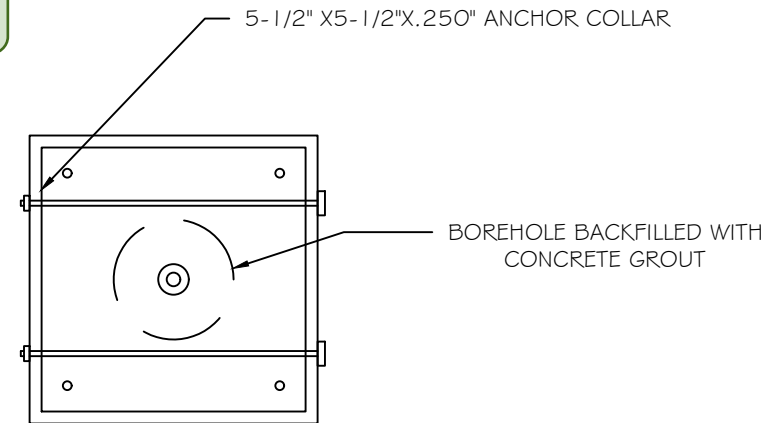
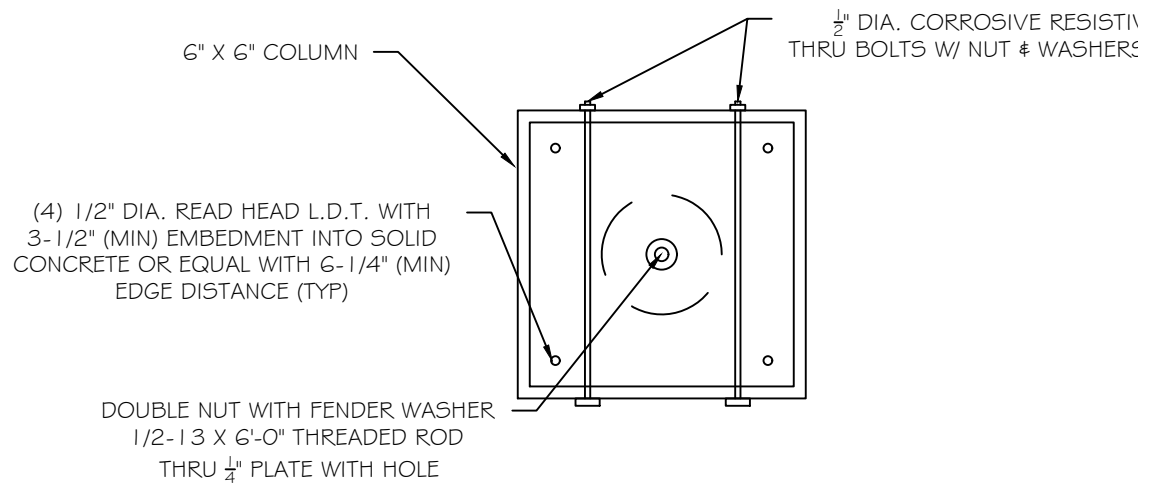
COVER THE TEES  
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**ANCHOR  
 DETAILS**

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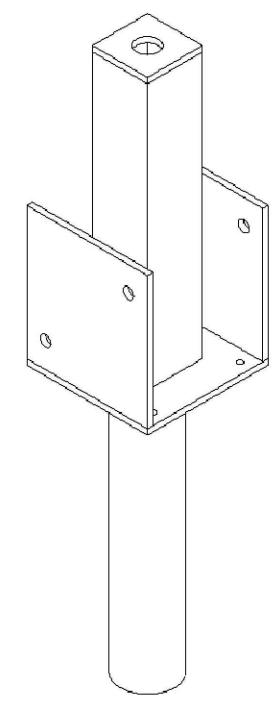
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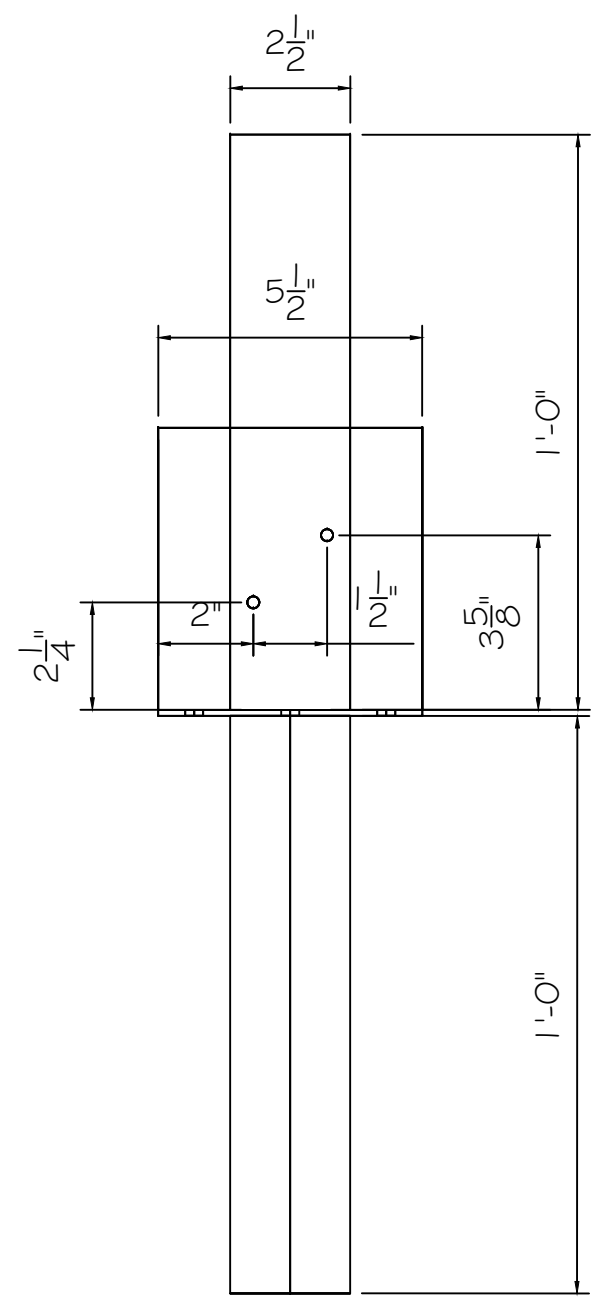
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SHEET  
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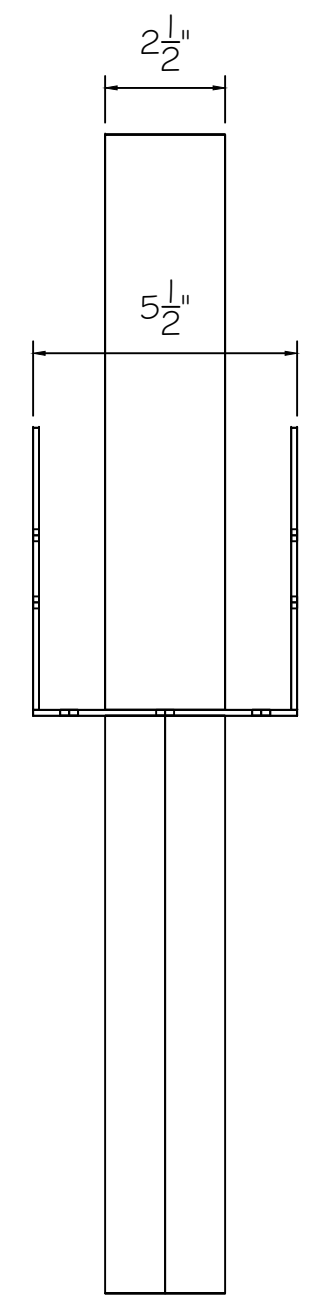
**APPROVED**  
By Wayne Vater at 12:38 pm, Oct 26, 2022



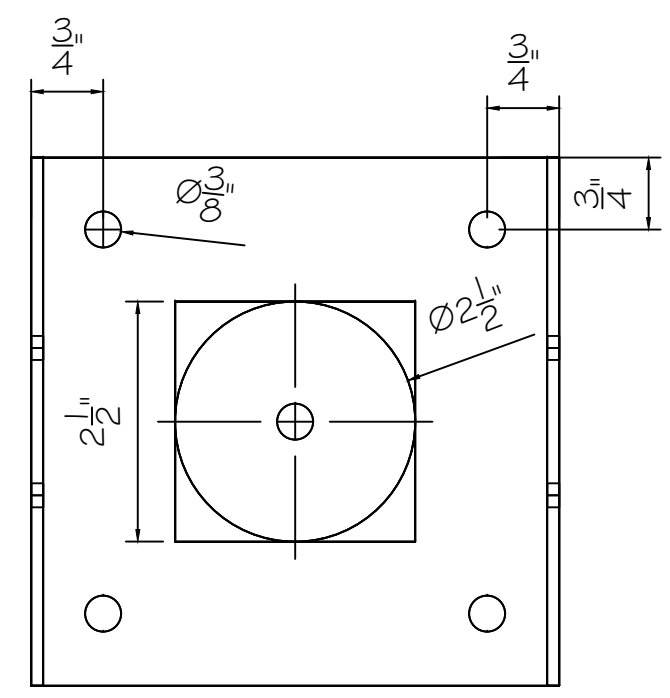
5-1/2"X5-1/2"X6" T ANCHOR COLLAR  
ISOMETRIC VIEW



5-1/2"X5-1/2"X6" T ANCHOR COLLAR  
FRONT VIEW



5-1/2"X5-1/2"X6" T ANCHOR COLLAR  
SIDE VIEW




5-1/2"X5-1/2"X6" T ANCHOR COLLAR  
PLAN VIEW

REVISIONS:


Clermont National Golf Course  
2601 Diamond Club Dr,  
Clermont FL, 34711

**ANCHOR BASE  
PLATE DETAILS**

COVER THE TEES  
1713 KENNEDY PT  
OVIEDO FL, 32765  
  
MAILING ADDRESS:  
P.O. BOX 622363  
OVIEDO FL 32762

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