



COMPLEX PROJECTS  
REQUIRE RESOLVE  
THRASHER'S GOT IT

POTOMAC HIGHLANDS AIRPORT AUTHORITY  
MINERAL COUNTY, WEST VIRGINIA

RECONSTRUCT AIRPORT ROTATING BEACON

ADDENDUM #1

May 21, 2025

THRASHER PROJECT #T80-11370

TO WHOM IT MAY CONCERN:

A Pre-Bid Conference was held on Tuesday, May 13, 2025, on the above-referenced project, a copy of the sign in sheet is included in this Addendum. The following are clarifications and responses to questions posed by contractors for the above-referenced project.

A. **DRAWINGS**

Revised drawings include:  
C3.01 - Detail

B. **QUESTIONS AND RESPONSES**

1. **QUESTION**

Can you review the detail for the foundation of the beacon tower?

**RESPONSE**

Detail has been modified and a new plan sheet has been attached to this addendum.

If you have any questions or comments, please feel free to contact me at your earliest convenience. As a reminder, bids will be received by 2:00 p.m. on Friday, May 30, 2025, at the Greater Cumberland Regional Airport located at 165 Terminal Loop, Wiley Ford, WV. Good luck to everyone and thank you for your interest in the project.

Sincerely,

THE THRASHER GROUP, INC.

NICOLE JONES, PE, PMP  
Project Manager

Enclosures:



**POTOMAC HIGHLANDS AIRPORT AUTHORITY  
MINERAL COUNTY, WEST VIRGINIA  
RECONSTRUCT AIRPORT ROTATING BEACON**

## PRE-BID CONFERENCE

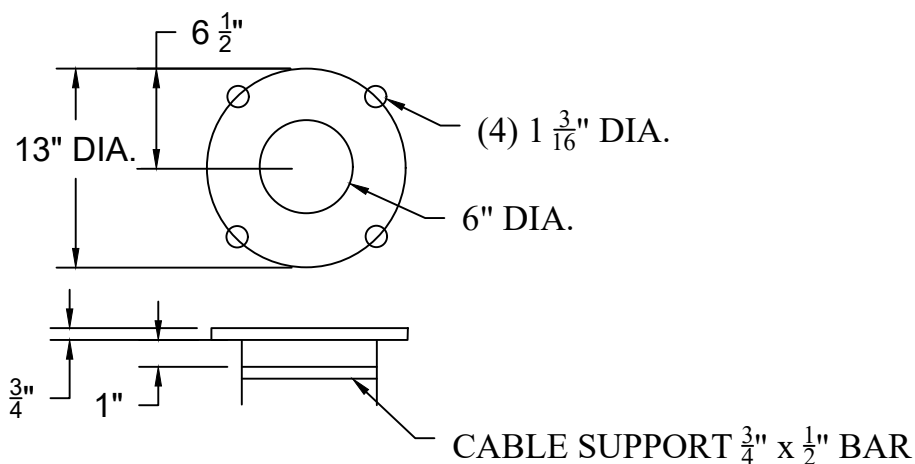
**Tuesday, May 13, 2025**

**Thrasher Project #T80-11370**[illegible]

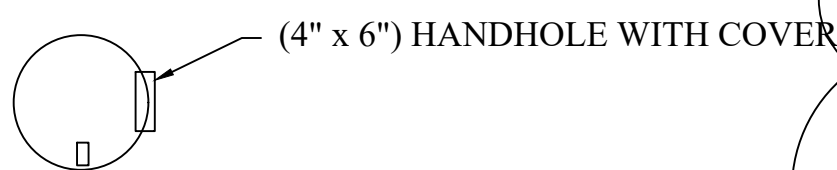
CAD FILE: R:\080\T80-11370.00 - CBE - Beacon\Drawing\Structural\_Details.dwg PLOT DATE/TIME: 5/21/2025 7:12 AM LAYOUT: Layout2 USER: nicole price



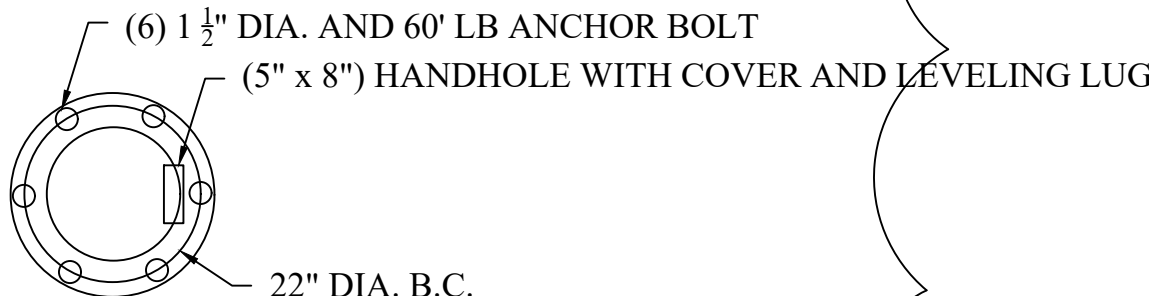
OWNER PROVIDED BEACON



POLE TOP DETAIL



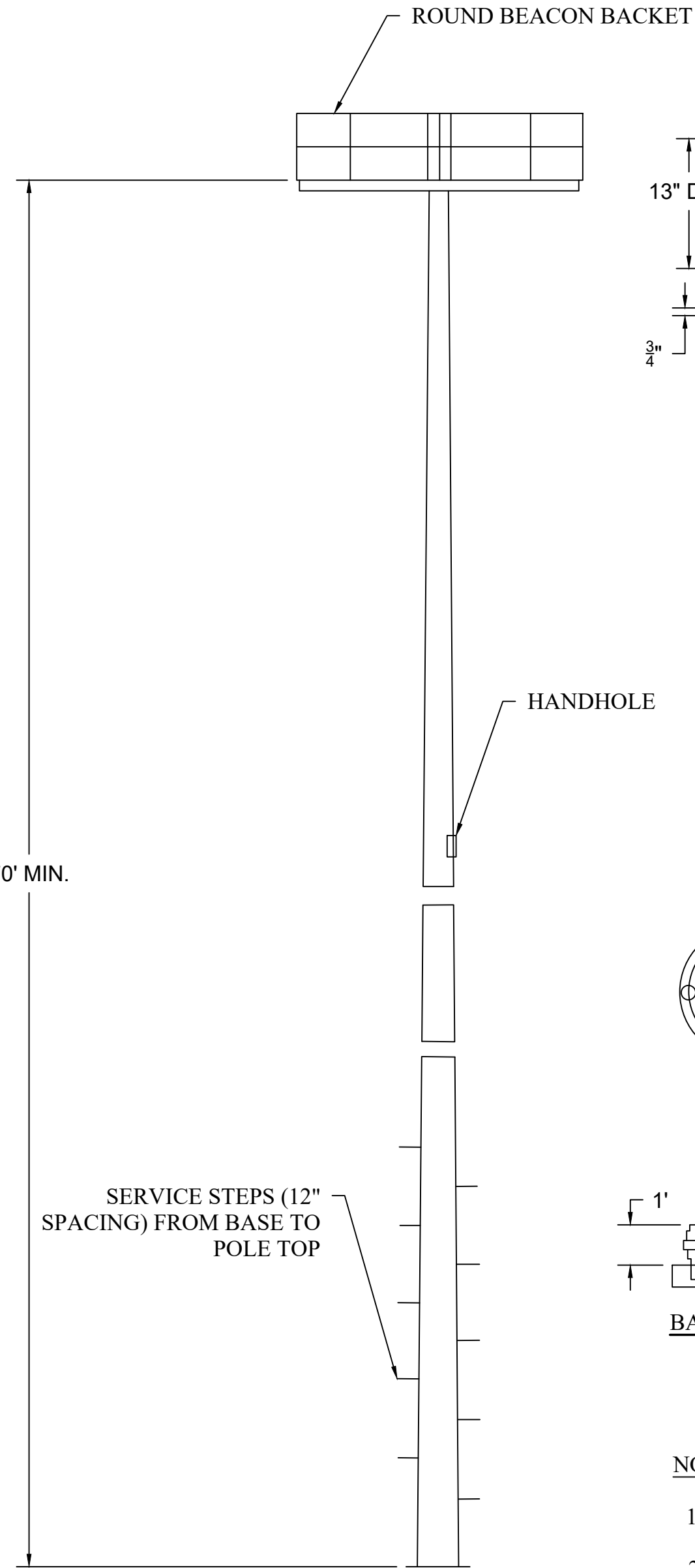
HANDHOLE SECTION



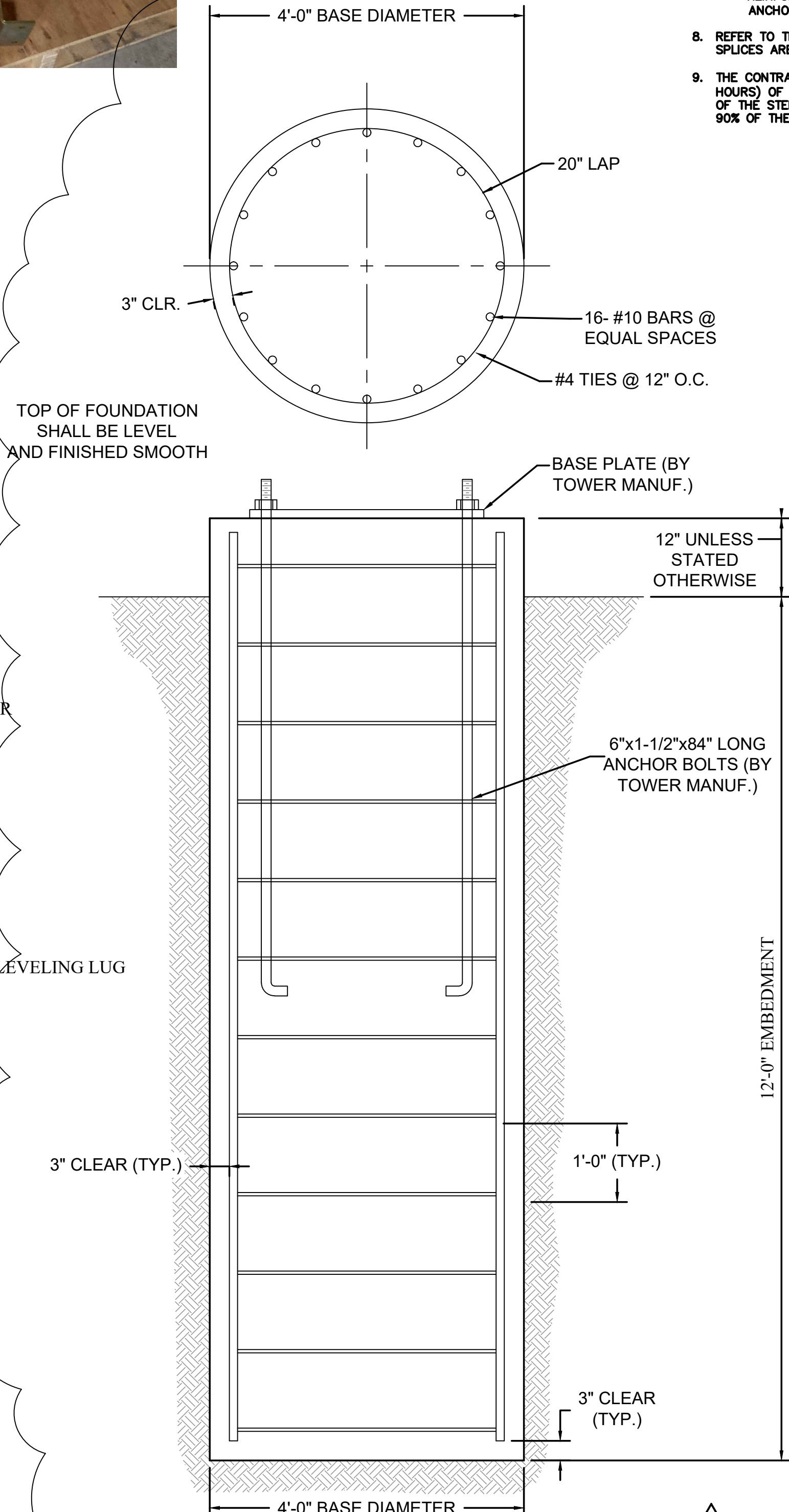
BASE DETAIL

NOTES:

1. BEACON TOWER SHALL BE COMPATIBLE WITH THE BEACON PROVIDED BY OWNER.
2. FINISH- FACTORY PAINT, PRIME COAT OR GALVANIZED.
3. NO WELDING ALOUD ON THE ANCHOR BOLTS.
4. DO NOT GROUT BETWEEN BASE PLATE AND FOUNDATION.



75' TUBULAR STEEL BEACON TOWER WITH BASKET  
NOT TO SCALE



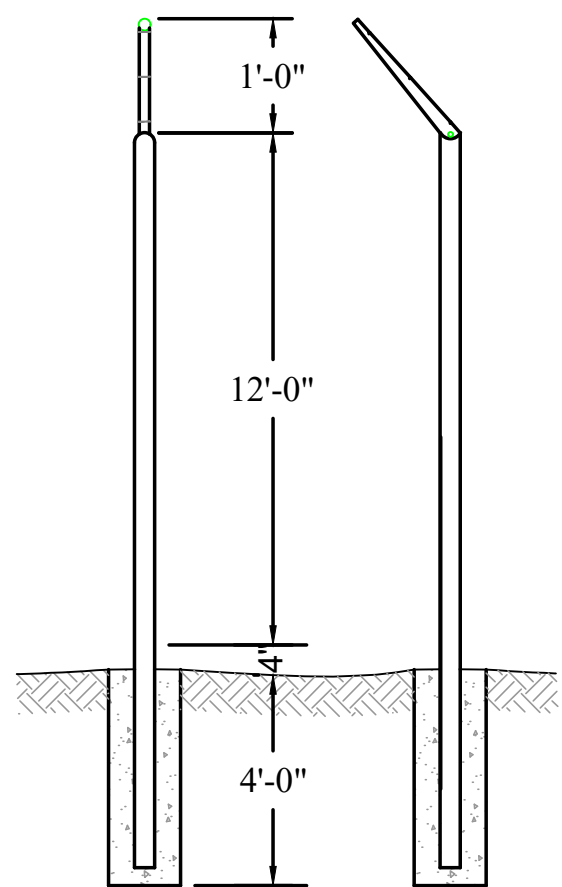
FOOTING DETAILS  
NOT TO SCALE

CONCRETE / REINFORCING STEEL

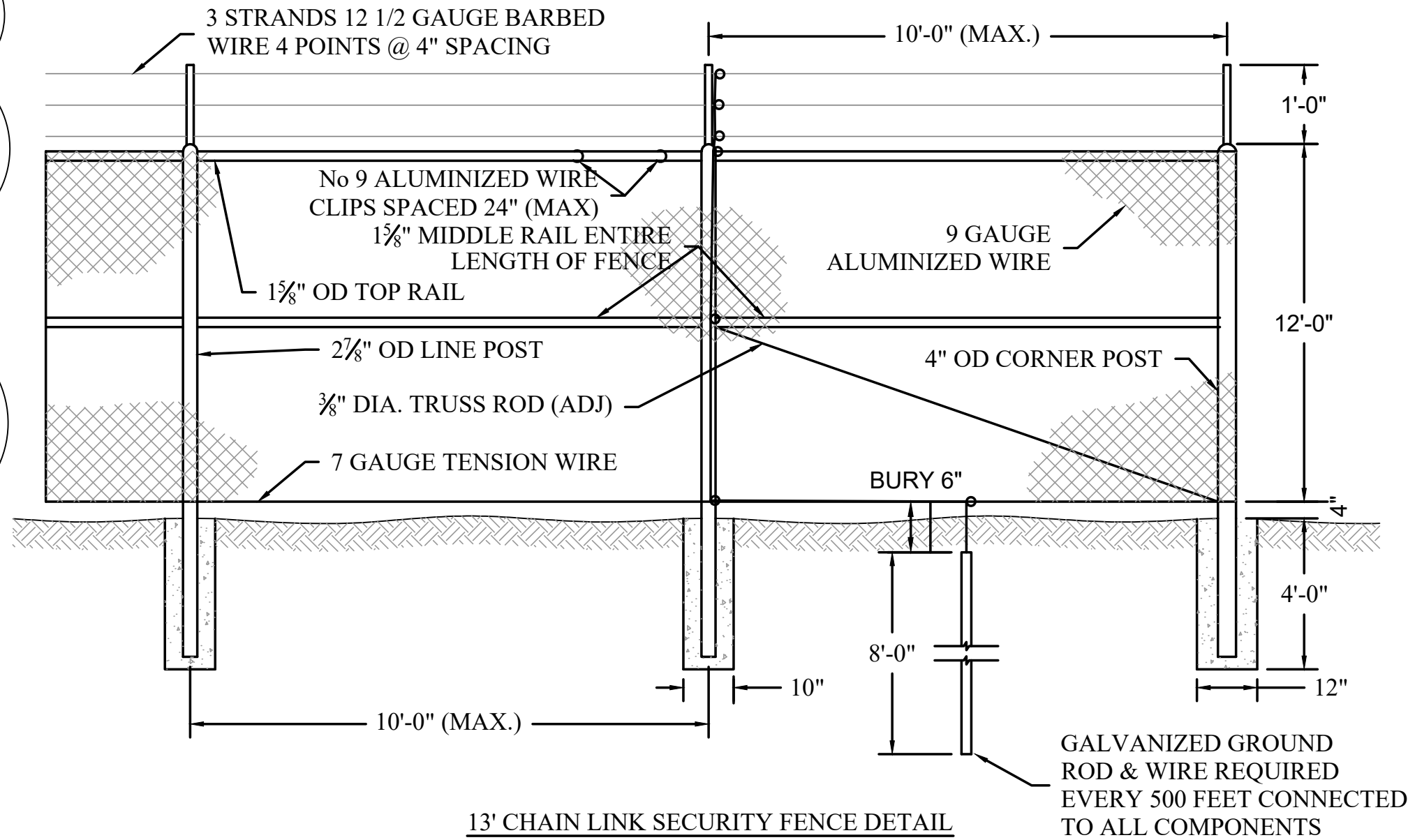
1. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH CURRENT ACI BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-19).
2. CONCRETE MIXES SHALL BE DESIGNED IN ACCORDANCE WITH ACI 301.
3. ALL NORMAL WEIGHT CONCRETE SHALL HAVE ASTM C-33 AGGREGATE WITH UNIT WEIGHT OF 150 PCF. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4,000 PSI AT 28 DAYS, MINIMUM.
4. TEMPERATURE OF THE SURROUNDINGS SHALL NOT BE LOWER THAN 40°F DURING PLACING CONCRETE OR WITHIN 24 HOURS THEREAFTER. TEMPERATURE OF CONCRETE SHALL NOT BE LOWER THAN 55°F FOR THICKNESS 12" OR LESS IN THICKNESS AND 50°F FOR SECTIONS THICKER THAN 12", NOR HIGHER THAN 90°F. IF TEMPERATURE OF REINFORCING STEEL IS GREATER THAN 120°F, FORMS AND REBARS SHALL BE SPRAYED WITH WATER.
5. CONCRETE SHALL NOT BE PLACED ON FROZEN GROUND. IF GROUND RECEIVING FOUNDATION CONCRETE IS FROZEN, IT SHALL BE THAWED BY STEAM, DIRECT HEAT, OR OTHER METHODS APPROVED BY THE ENGINEER.
6. MINIMUM CONCRETE COVER SHALL BE AS FOLLOWS:  
CAST AGAINST SOIL = 3 INCHES  
FORMED BUT EXPOSED TO SOIL = 2 INCHES  
CASES NOT INDICATED HERE OR SHOWN ON THE DRAWING SHALL BE IN ACCORDANCE WITH SECTION 20.5 OF ACI 301-19.
7. REINFORCING STEEL SHALL MEET THE FOLLOWING SPECIFICATIONS:  
ASTM A615 - GRADE 60.  
REINFORCING TO BE WELDED (INCLUDING DEFORMED BAR ANCHORS/DBA) - ASTM A706.
8. REFER TO THE DRAWINGS FOR REINFORCING LAP REQUIREMENTS, WHERE LAP SPLICES ARE NOT SHOWN, LAP PER ACI 318 OR CRSI STANDARDS.
9. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FAR ENOUGH IN ADVANCE (48 HOURS) OF EACH CONCRETE POUR TO ALLOW AMPLE TIME TO CHECK THE LAYOUT OF THE STEEL BEFORE THE BEGINNING OF THE ACTUAL POUR, BUT NOT PRIOR TO 90% OF THE STEEL HAVING BEEN PLACED.

FOUNDATION NOTES

1. FOUNDATION DESIGN IS PRELIMINARY. CONTRACTOR SHALL SUBMIT BEACON POLE DRAWINGS AND DESIGN REACTIONS FROM MANUFACTURER IN ORDER TO FINALIZE FOUNDATION.
2. ASSUMED SOIL BEARING CAPACITY IS 2,000 PSF ON FIRM VIRGIN SOIL OR COMPACTED FILL. BEARING CAPACITY SHALL BE VERIFIED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACING FOOTING CONCRETE.



POST DETAIL 13' FENCE  
NOT TO SCALE



13' CHAIN LINK SECURITY FENCE DETAIL  
NOT TO SCALE

COATINGS:  
FRAMEWORK - GALV. (ASTM-A120, A123, & A153)  
FABRIC - ALUM. COATED-40 oz. (ASTM-A491)  
FITTINGS - GALV. PER ASTM-A153

THRASHER

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RECONSTRUCT AIRPORT  
ROTATING BEACON

GREATER CUMBERLAND REGIONAL AIRPORT  
POTOMAC HIGHLANDS AIRPORT AUTHORITY  
165 TERMINAL LOOP, WILEY FORD, WV 26767

APRIL 2025

DRAWN: DATE:  
CHECKED: DATE:  
APPROVED: DATE:

PROJECT No. T80-11370

DETAILS

SHEET No.

C3.01