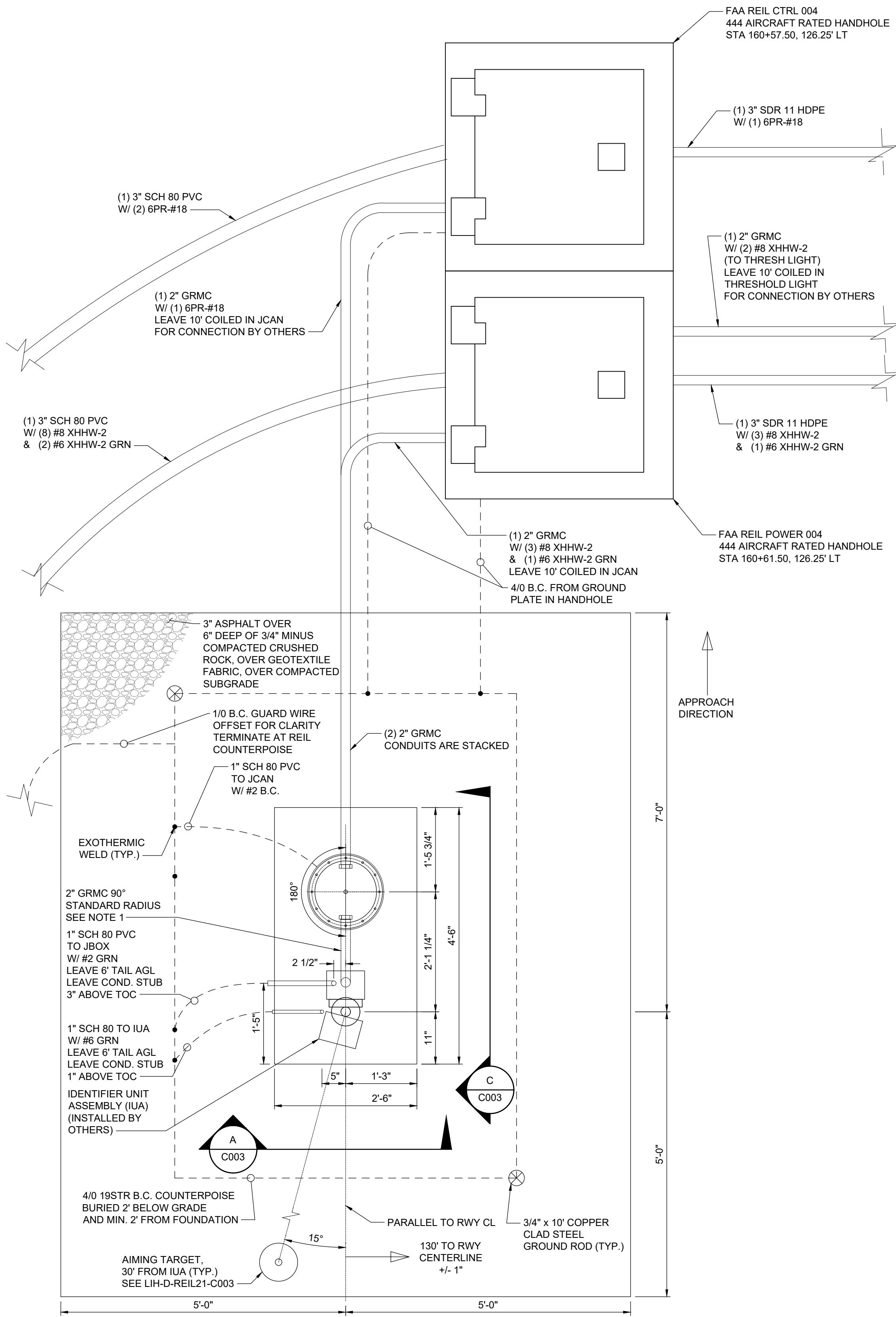
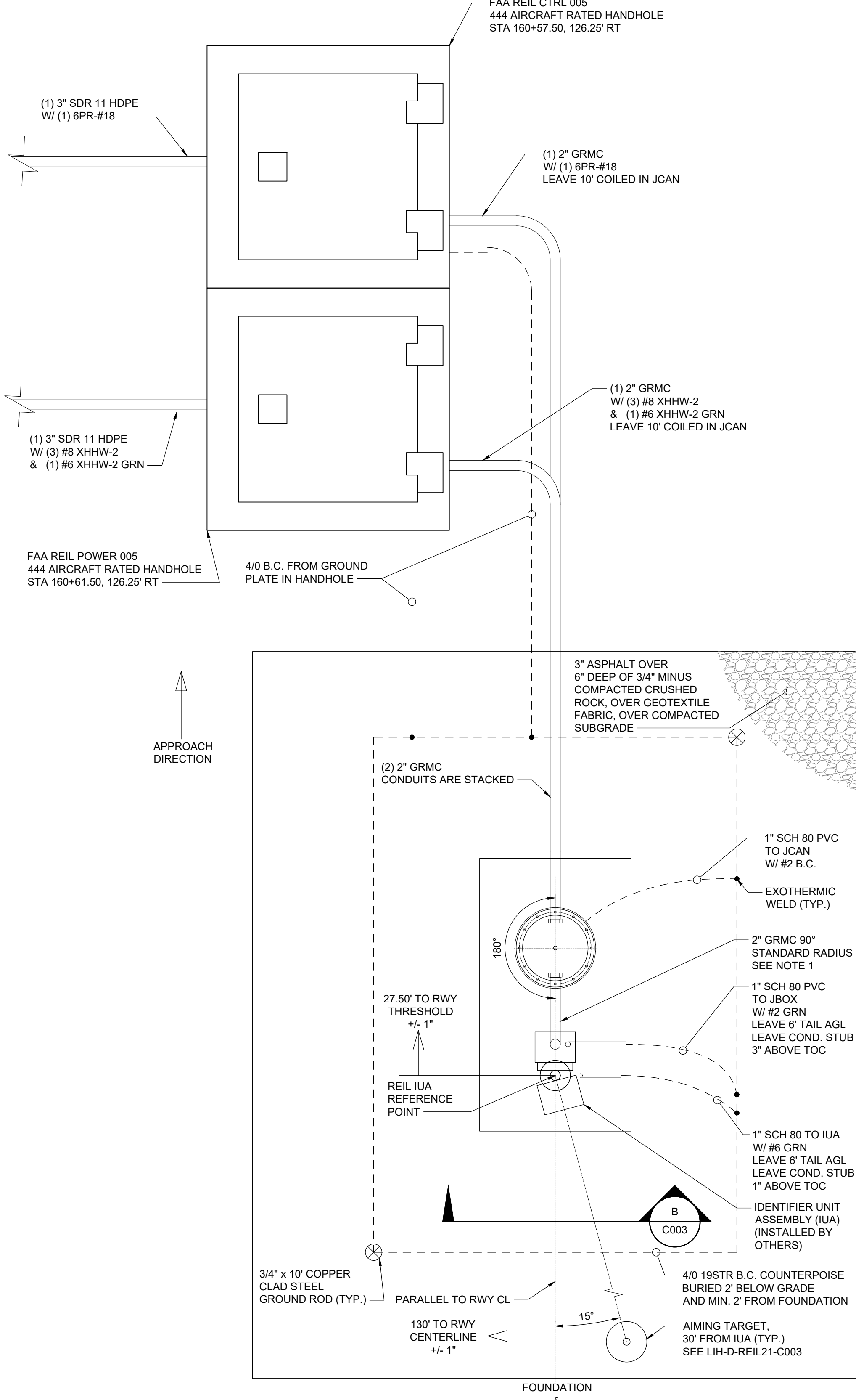


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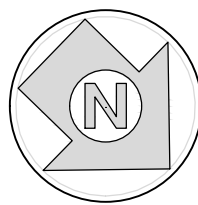
REIL IUA #1 (LOA)
SCALE: 3/4" = 1'-0"



REIL IUA #2 (ROA)
SCALE: 3/4" = 1'-0"

NOTES:

1. SWEEP DIMENSIONS MAY VARY SLIGHTLY BETWEEN MANUFACTURERS. AS SHOWN, A STANDARD 9.5" RADIUS 90° IS USED WITH AN OFFSET AT CENTER OF BEND OF 13.313" AND A TANGENT OF 3.813". 2" OF PENETRATION INTO THE CAN IS ASSUMED. IF DIMENSIONS OF THE 90° USED VARY BY MORE THAN 1/2" CONTACT THE PROJECT ENGINEER TO VERIFY SPACING REQUIREMENTS.
2. FIELD ADJUSTMENT OF THE IUA SUPPORT POST IS ALLOWABLE WITH THE APPROVAL OF THE PROJECT ENGINEER. NOTE RUNWAY STATIONING. DISTANCE TO RUNWAY END LIGHTS MAY NOT EXCEED 30'.
3. THE REIL REFERENCE POINT IS THE CENTER OF THE EMT POST WHICH SUPPORTS THE IUA. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS ON PLAN SHEETS REFERENCE THIS POINT.
4. UNLESS OTHERWISE INDICATED ALL POWER CONDUCTORS SHALL BE XHHW-2.
5. EACH CABLE SHALL BE TAGGED IN EVERY PULLBOX AND VAULT AT LEAST TWICE, ONCE AT THE ENTRANCE AND ONCE AT THE EXIT. TAG CABLES IN ACCORDANCE WITH FAA-C-1391D, 3.5.1. POWER SHALL BE TAGGED: PAPI-P, CONTROL SHALL BE TAGGED: PAPI-C.
6. ALL GRMC AND GRMC FITTINGS SHALL BE PVC COATED EXTERIOR POLYURETHANE COATED INTERIOR.
7. ALL EXTERNAL HARDWARE IS TYPE 316 STAINLESS STEEL, AS APPROVED. ALL CUT EDGES SHALL BE FILED SMOOTH.
8. ALL MATERIAL IS CONTRACTOR FURNISHED EXCEPT WHERE NOTED OTHERWISE.
9. FINAL PLACEMENT OF THE COMPONENTS IN THE FOUNDATION SHALL BE COORDINATED WITH THE RESIDENT ENGINEER.
10. ALL THREADED AND COMPRESSION CONNECTIONS SHALL BE LOCKED DOWN TIGHT AND WIGGLE FREE.
11. INSULATED GROUNDING BUSHINGS SHALL BE INSTALLED AT THE ENDS OF ALL METALLIC CONDUIT AND BONDED WITH A #6 GREEN BONDING JUMPER.
12. CONTACT FAA PROJECT ENGINEER FOR CABLE COLOR CODING PRIOR TO ORDERING AND INSTALLATION.
13. AFTER CONSTRUCTION OF THE FOUNDATIONS PLACE SURVEY HUBS W/ NAIL AT 20' OFFSETS MARK THE IUA REFERENCE POINTS (8) HUBS REQUIRED. RESIDENT ENGINEER TO PROVIDE ADDITIONAL GUIDANCE IN THE FIELD AS REQUIRED.



1' 0 1' 2' 3'
SCALE: 3/4" = 1'-0"

REV	APPROVED DATE	DESCRIPTION			JCN	REDLINE DATE	APVD
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ATO - TECHNICAL OPERATIONS				WESTERN SERVICE AREA			
REIL RUNWAY 21 IUA PLOT PLANS							
LIHUE				LIHUE AIRPORT			
HI							
REVIEWED BY	SUBMITTED BY		APPROVED BY				
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