

NOTES

1. ALL CONCRETE TO CONFORM TO VAOT SPECIFICATIONS, DIVISION 501, CLASS C, MAXIMUM AGGREGATE SIZE SHALL BE 3/4".
2. ROCK SIZE IN AND AROUND THE ARRAY SHOULD NOT EXCEED 1". IF FILL OR GRADING IS REQUIRED, IT SHALL BE BUILT UP IN LAYERS NOT EXCEEDING 8" AND EACH LAYER SHALL BE TAMPED AND COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM WATER CONTENT. GRADING OF ROCK AND SOIL SHOULD BE SUCH THAT ALL DRAINAGE IS AWAY FROM FOUNDATIONS.
3. TOLERANCES - ALL ANCHOR BOLTS MUST BE LOCATED $\pm 1/8"$ OF DIMENSIONS GIVEN ON DETAIL L. ALL CONCRETE PIER FOUNDATIONS MUST BE LOCATED FRONT TO REAR $\pm 1/2"$ AND SIDE TO SIDE $\pm 1/4"$ PER DIMENSIONS GIVEN. LOCATE ALL CONDUITS $\pm 1/4"$ OF DIMENSIONS GIVEN.
4. CONCRETE FOUNDATIONS BASED ON 3000-PSF SOIL BEARING PRESSURE. CONCRETE PIER FOUNDATIONS BASED ON 200 LB. PER SQ. FT. LATERAL SOIL PRESSURE PER FT. OF PIER DEPTH BELOW FINISHED GROUND LEVEL.
5. REFERENCE LINES FOR POSITIONING ARRAY ON SITE PLAN.
6. ANTENNA ARRAY TO BE SALVAGED FROM EXISTING LOCATION BY OTHERS.
7. ANCHOR BOLTS, NUTS, AND WASHERS SHALL BE HOT DIP GALV. STEEL PER ASTM-A153 AND ASTM-A325.
8. EXOTHERMIC WELD ALL GROUND CONNECTIONS.
9. GROUND WIRE CONDUIT DETAIL IS TYPICAL FOR ALL ENDS OF THE FOUNDATIONS. FOUNDATION GROUND RODS SHALL BE CONNECTED TOGETHER BY #4/0 BARE WIRE, EXOTHERMICALLY WELD #6 BARE TO #4/0 BARE AT END OF FOUNDATION.

REV.	DATE	DESCRIPTION

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

LOCALIZER FOUNDATION DETAILS

URS Greiner, Inc.
3 MARCUS BOULEVARD
ALBANY, NEW YORK

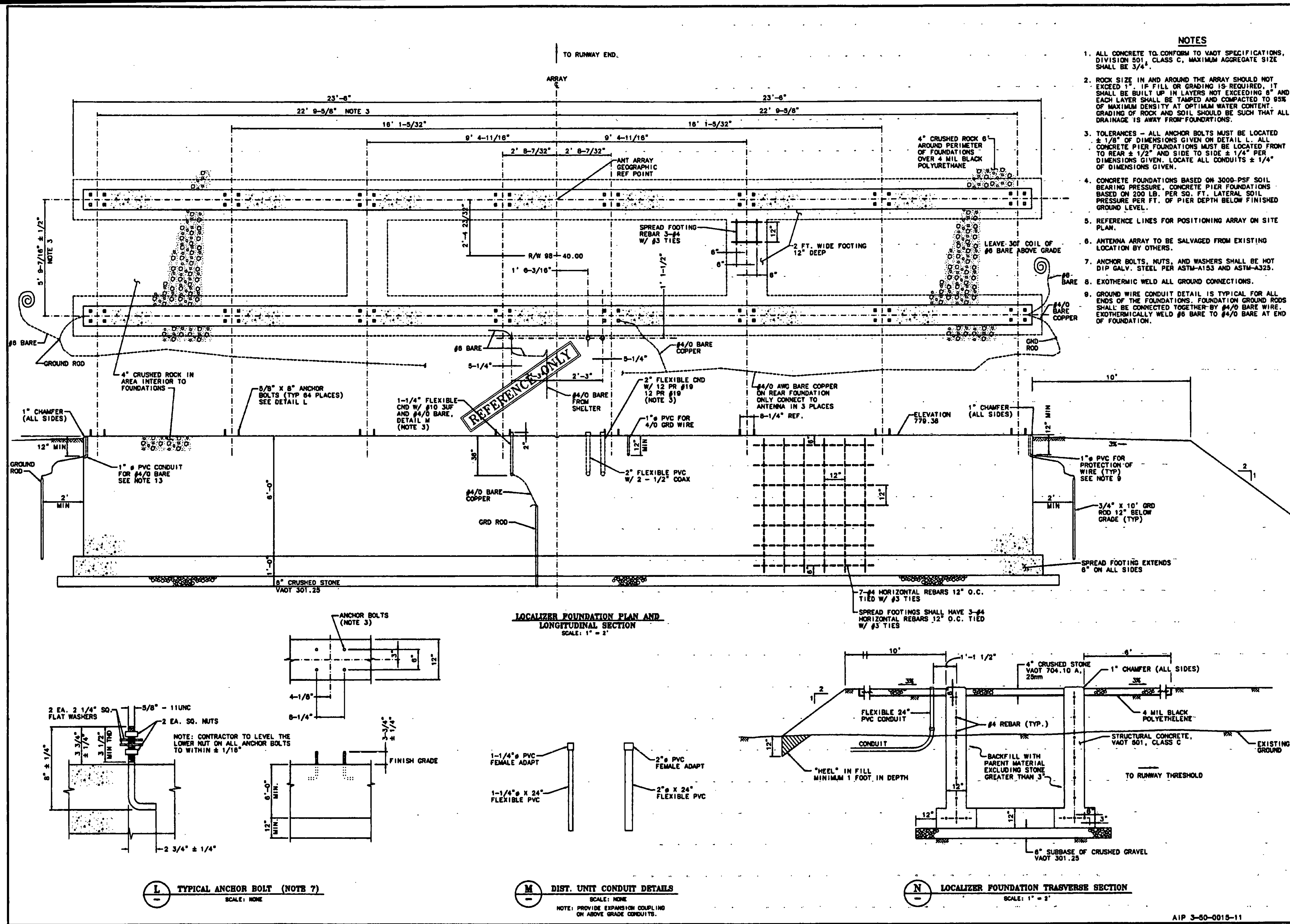
Designed by: *Edie C. Trinch* 2/97
Drawn by: *W. McCalla* 3/97
Checked by: *G. Trinch* 5/97
Approved by: *W. McCalla* 5/97

Scale: HOR. NONE
VERT. NONE

Date: 5/6/97

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LOCALIZER FOUNDATION PLAN AND LONGITUDINAL SECTION
SCALE: 1" = 2'

L TYPICAL ANCHOR BOLT (NOTE 7)
SCALE: NONE

M DIST. UNIT CONDUIT DETAILS
SCALE: NONE
NOTE: PROVIDE EXPANSION COUPLING ON ABOVE GRADE CONDUITS.

N LOCALIZER FOUNDATION TRANSVERSE SECTION
SCALE: 1" = 2'