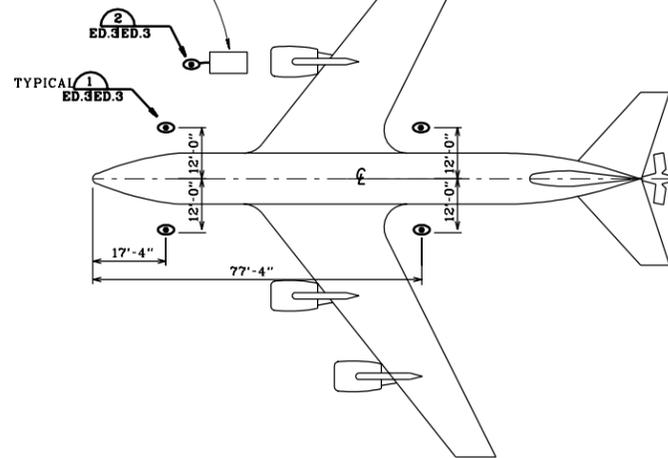


STATIC GROUND DETAIL
NO SCALE EU.1.ED.3ED.3

NOTES:

1. WHEN STATIC GROUND IS LOCATED IN NEW CONCRETE, IT SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT AND THE FRESH CONCRETE SHALL BE FORMED AROUND THE GROUND EYE AS SHOWN.
2. WHEN THE STATIC GROUND IS LOCATED IN EXISTING CONCRETE, THE CONCRETE SHALL BE BORED WITH A SIX INCH DIAMETER CORE TO FULL DEPTH, THE GROUND ROD SHALL BE INSTALLED IN THE CENTER OF THE HOLE AND THEN THE HOLE SHALL BE FILLED WITH GROUT THAT CONFORMS TO ASTM C 1107 GRADE A, B, OR C AND FORMED AROUND THE GROUND ROD AS SHOWN.
3. WHEN THE STATIC GROUND IS LOCATED IN A DIRT/GRASS AREA, IT SHALL BE INSTALLED IN A 12"x12"x4" CONCRETE PAD.
4. STATIC GROUNDS SHALL PROVIDE A RESISTANCE OF NO MORE THAN 10,000 OHMS.
5. EACH STATIC GROUND SHALL HAVE IT'S RESISTANCE TESTED JUST PRIOR TO TURN OVER TO THE USER. THE TESTS SHALL BE RECORDED IN A BOOKLET TO BE PROVIDED TO THE USER. THE TEST DATE, RESISTANCE, AND LOCATION SHALL BE RECORDED FOR EACH STATIC GROUND.

SEE SITE PLANS FOR EXACT LOCATION OF FUEL PIT. THE FUEL PITS WILL NOT BE IN THE SAME RELATIVE LOCATION WITH RESPECT TO EACH OF THE PLANE LOCATIONS.



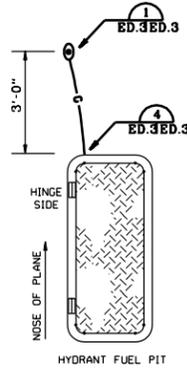
KC-135 STATIC GROUND LOCATION DETAIL
NO SCALE

SEE SHEET EU.1 FOR LOCATIONS OF PLANES ON THE APRON.

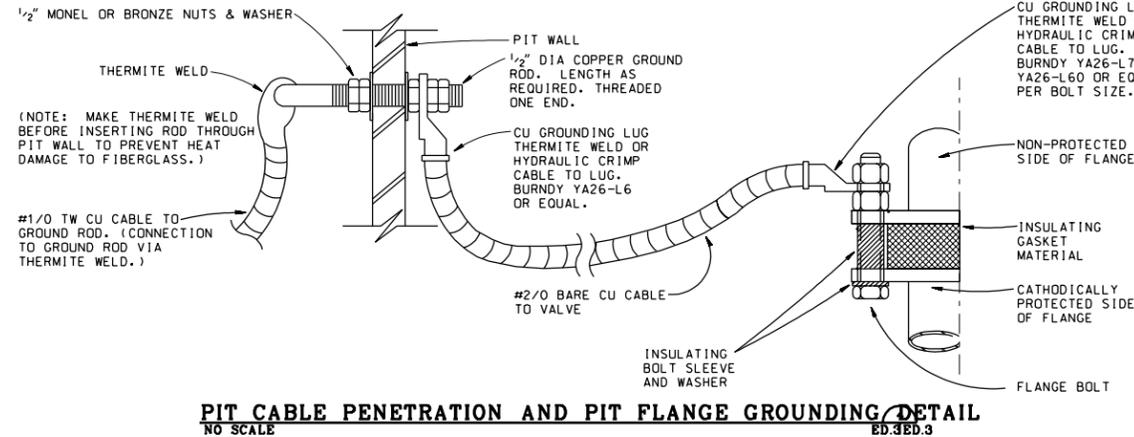
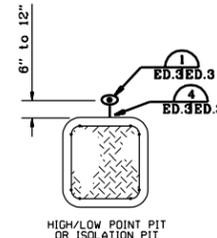
NOTES TO DESIGNER

1. THE MAJOR COMMAND WILL PROVIDE THE STATIC GROUND LOCATIONS FOR THE SPECIFIC AIRPLANE IN EACH PROJECT.

HYDRANT OUTLET PIT GROUND PLACEMENT DETAIL (PANTOGRAPH AND HYDRANT HOSE BRUCK)
NO SCALE EU.1ED.3



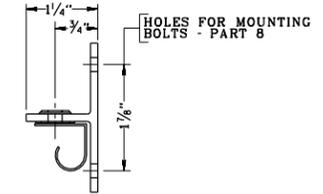
HIGH/LOW POINT PIT OR ISOLATION PIT GROUND PLACEMENT DETAIL
NO SCALE EU.1ED.3



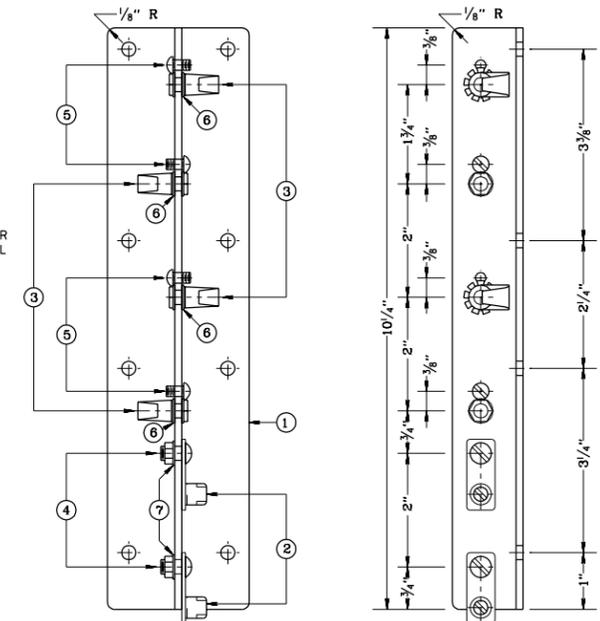
PIT CABLE PENETRATION AND PIT FLANGE GROUNDING DETAIL
NO SCALE ED.3ED.3

BILL OF MATERIALS		
PART NO.	QUANTITY	DESCRIPTION
①	1	ALUMINUM T-BAR, 10 1/4 X 2 1/2 X 1 1/4 X 1/8
②	2	GROUND WIRE TERMINAL, BURNDY KA29U (OR EQUAL)
③	4	RECEPTACLE, MS 90298, KINGS ELECTRONICS PART NO. K-3943, ORDER FROM NEWARK, POWELL, OR RICHIE.
④	2	TERMINAL MOUNTING BOLTS, 1/4 X 24 X 1/2
⑤	4	SET SCREW, SELF-TOPPING, 8 X 32 X 1/2
⑥	4	LOCK WASHER, STAR, 3/8"
⑦	2	LOCK WASHER, SPRING, 1/4"
⑧	4	ASSEMBLY MOUNTING BOLTS, 1/4 X 24 X 1

HOLE DATA	
PART	DIAMETER
①	5/16"
③	3/8"
④	5/16"
⑤	7/64"



END VIEW
NO SCALE



PLAN VIEW
NO SCALE

SIDE VIEW
NO SCALE

STATIC GROUND RECEPTACLE ASSEMBLY
NO SCALE

SEE SHEETS MD.4 & MD.6 FOR LOCATIONS OF THIS ASSEMBLY.

REVISIONS			
SYMBOL	DESCRIPTIONS	DATE	APPROVED

ROBERT AND COMPANY 96 POPLAR ST., N.W. ATLANTA, GA 30335		US ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NE	AIR FORCE C.E. SUPPORT AGENCY 139 BARNES DRIVE, SUITE #1 TYNDALL AFB, FL 32483-5319
DESIGNED BY: KEA	AIR FORCE STANDARDS PRESSURIZED HYDRANT FUELING SYSTEM TYPE III		
DRAWN BY: KEA	GROUNDING DETAILS		
CHECKED BY: KKT	REVIEWED BY: RJB	PLOT SCALE RATIO: 1:1 DESIGN FILE: SD18ED03.DGN SPEC. NO.:	DATE: REV. #1 NOV. 1998
SUBMITTED BY: CHIEF: ELEC SECTION		78-24-28-88	DRAWING CODE: AW 78-24-28
			SHEET REFERENCE NUMBER: ED. 3

