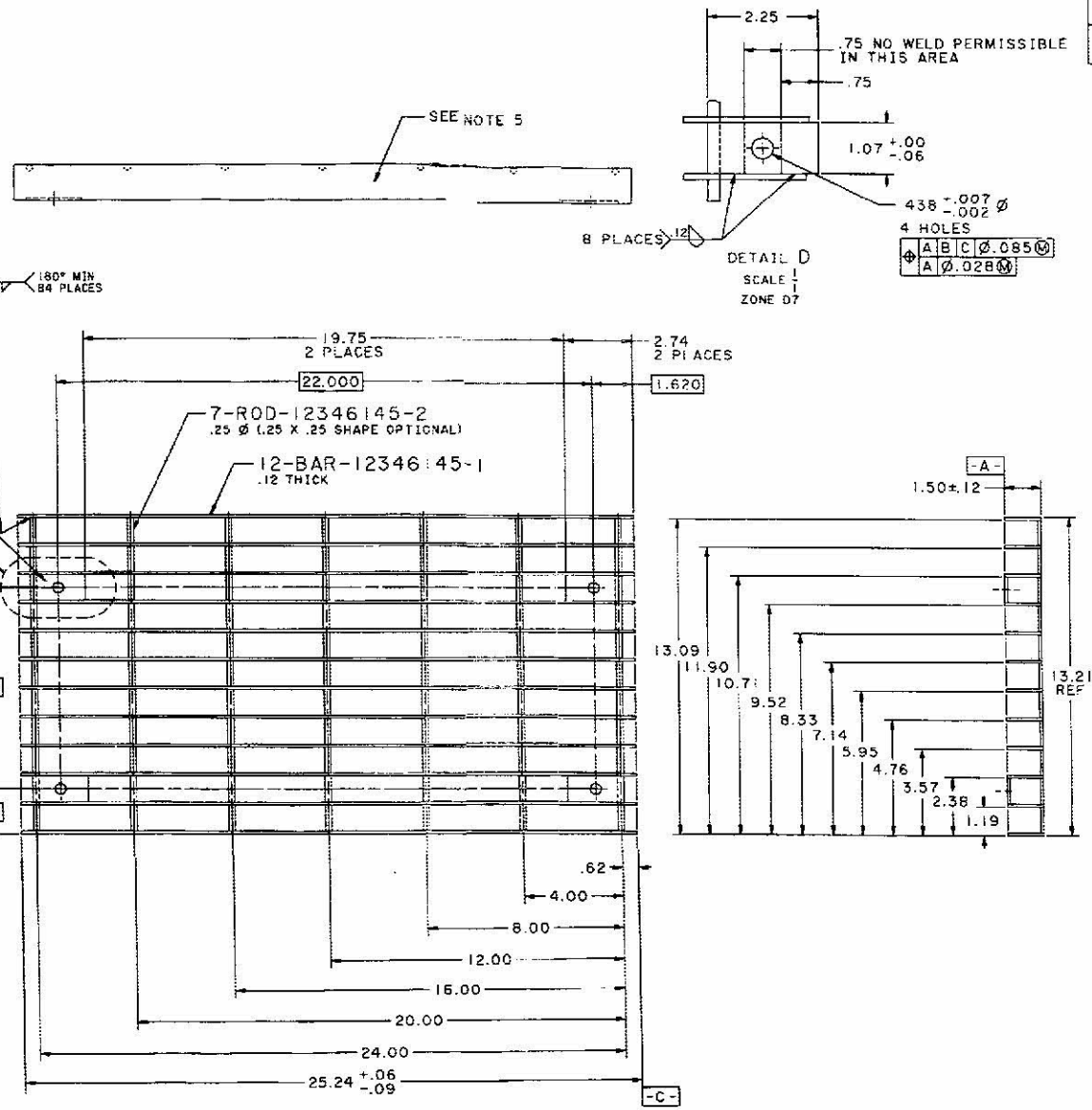
NOTES:

1. DRAWING TO BE INTERPRETED IN ACCORDANCE WITH STANDARDS PRESCRIBED BY DOD-STD-100
2. MATERIAL: FABRICATE IN ACCORDANCE WITH RR-G-661, TYPE I CLASS 1, MATL-S EXCEPT WELDING IN ACCORDANCE WITH AWS C5.5 OR C5.6
3. REMOVE ALL BURRS AND SHARP EDGES
4. FINAL PROTECTIVE FINISH: CLEAN PER METHOD I, SPEC TT-C-490. COAT SURFACES WITH HEAT RESISTANT PAINT, SPEC MIL-P-14105, COLOR BLACK THICKNESS 1.5-5.0 MILS
5. IDENTIFY PER MIL-STD-130: MARKING METHOD PER ANSI/SAE AS478-29 19207-12346145 MFR-CAGE CODE

ZONE	SLTR	REVISIONS DESCRIPTION	DATE (YR-MO-DA)	APPROVED
D5	A	REDRAWN WITH CHANGE OPTIONAL SHAPE ADDED (GDL-P5469) 90-02-20	90-04-02	L.F. LINCK DSR FL
F8 E6	B	(1)NOTE 2 REVISED (2)WELD SYMBOL ADDED (GDL-P5797) 91-09-09	91-10-01	R.R. Kay J.P. McGinnis HRP JPM



PART NO. 12346145

CONTRACT NUMBER DAAE07-85-C-A043	DESIGN ACTIVITY U.S. ARMY TANK-AUTOMOTIVE COMMAND WARREN, MICHIGAN 48397-5000	
CONTRACTOR GENERAL DYNAMICS Land Systems Division	GRATE	
DRAWN BY P.S.ROYHTAR DATE (YR-MO-DA) 88-10-31		
CHECKED T. JEHN		
PRODUCIBILITY CHECK T. JEHN		
APPL ENGR J. DIDALEUSKY		
LOG ENGR W. KELLER		
DATA ENGR S. MARTIN		
DESIGN D. DUSZKA		
DRAWING APPROVAL-ENGR H. DEWOLF		
DESIGN APPROVAL-ENGR M. RYZYI		
SIZE F	CAGE CODE 19207	12346145
SCALE 1/2	UNIT WT	SHEET

MECHANICAL PROPERTIES: TP, TS, ELO, RA, BH, HN

PHASE A

12346143 MIAI — NEXT ASSY — USED ON — APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON 2 PLACES ±.06, 3 PLACES

GEOMETRIC CHARACTERISTIC SYMBOLS (AS PER ANSI Y14.5-1973): STRAIGHT, CONCENTRICITY, CYLINDRICITY, TRUE POSITION, PARALLEL, ANGULARITY, ROUNDNESS, DIAMETER, FLATNESS, SYMMETRICAL, SQUARENESS, BASIC, CIRC CIRCULAR RUNOUT, TOTAL TOTAL RUNOUT, MAXIMUM MATERIAL CONDITION (MMC), PROFILE OF A SURFACE, REGARDLESS OF FEATURE SIZE (RFS), PROFILE OF A LINE, PROJECTED TOLERANCE ZONE

DISTRIBUTION STATEMENT A:
"APPROVED FOR PUBLIC RELEASE:
DISTRIBUTION IS UNLIMITED."

COMPUTER REPRODUCIBLE