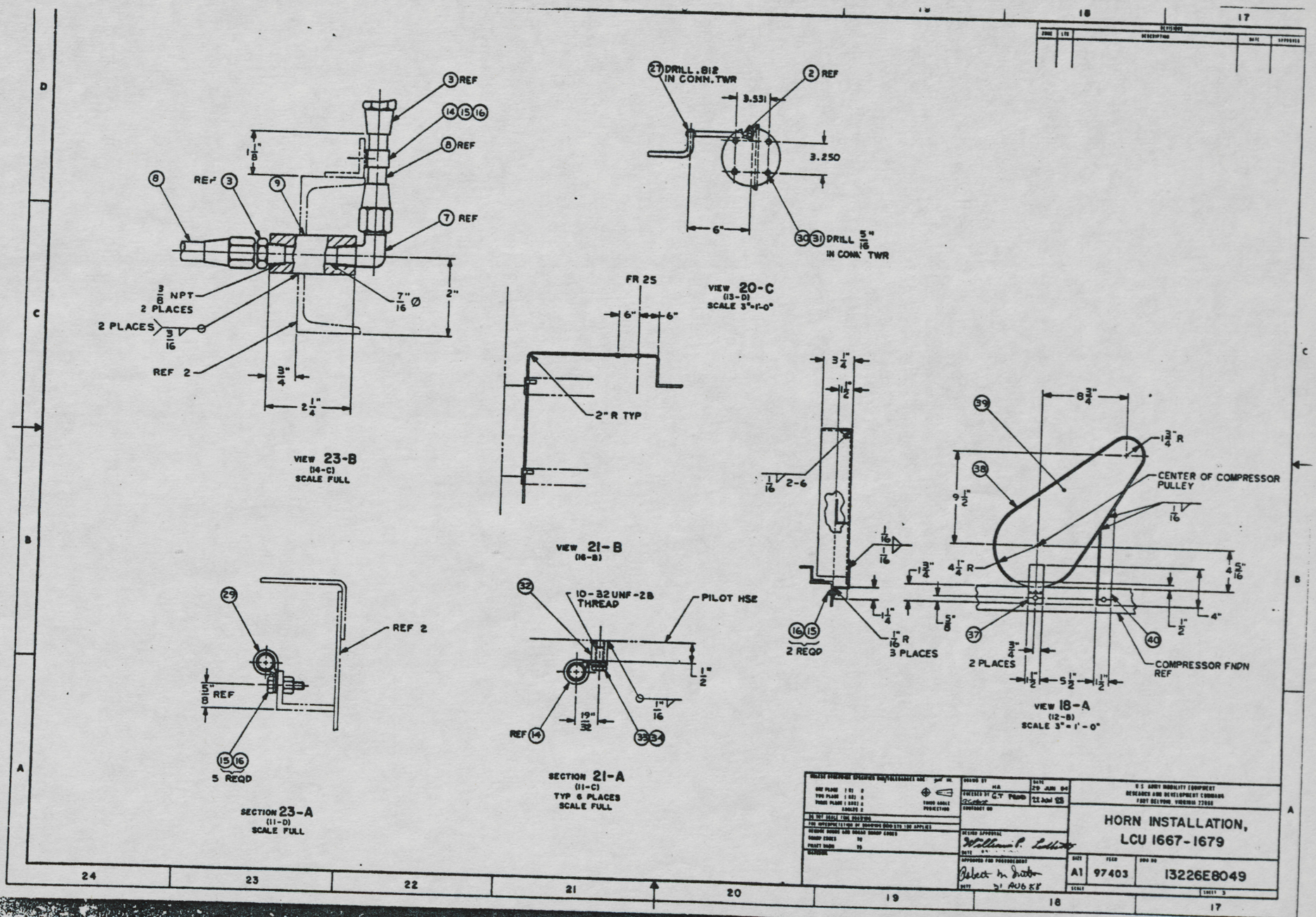
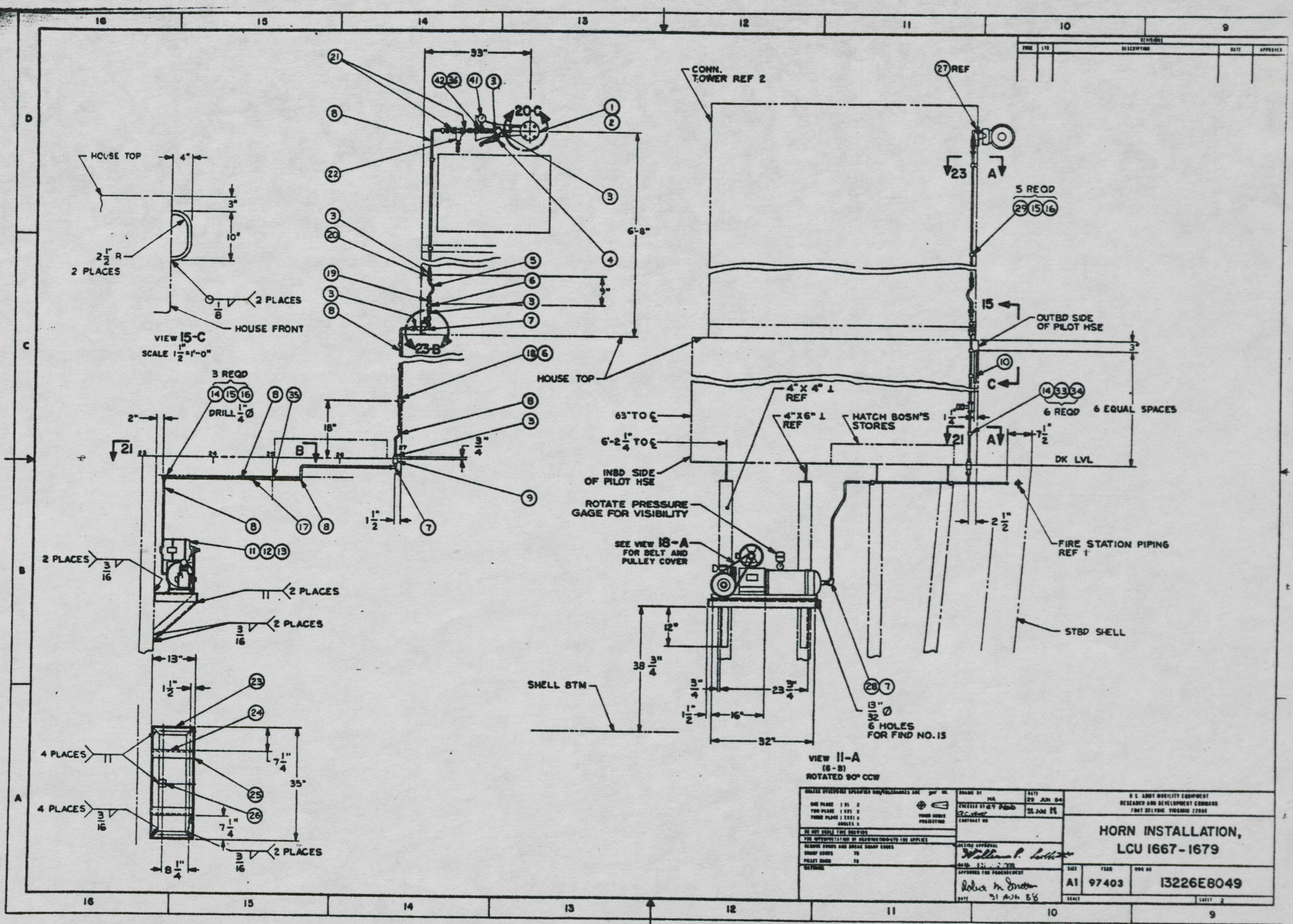


VIEW 23-B
(14-C)
SCALE FULL
VIEW 20-C
(13-D)
SCALE 3"=1'-0"
VIEW 21-B
(16-B)
VIEW 18-A
(12-B)
SCALE 3"=1'-0"
SECTION 23-A
(11-D)
SCALE FULL
SECTION 21-A
(11-C)
TYP 6 PLACES
SCALE FULL
3 REF
14 15 16
8 REF
7 REF
REF 3
3/8 NPT
2 PLACES
2 PLACES 3/16
REF 2
7/16 Ø
2"
3/4"
2 1/4"
1 1/8"
27 DRILL .812 IN CONN. TWR
2 REF
3.531
3.250
6"
30 31 DRILL 5/16" IN CONN. TWR
FR 25
6"
6"
2" R TYP
3 1/4"
1 1/2"
1/16 2-6
1/16
1/16
1 1/4"
1/16 R
3 PLACES
16 15
2 REQD
39
38
37
40
8 3/4"
1 3/4" R
CENTER OF COMPRESSOR PULLEY
9 1/2"
1/16
4 1/4" R
1 3/4"
4 5/16"
4"
1/2"
5/8"
3/4"
2 PLACES
COMPRESSOR FNDN REF
1 1/2"
5 1/2"
1 1/2"
29
REF 2
5/8" REF
15 16
5 REQD
32
10-32 UNF-2B THREAD
PILOT HSE
1/2"
1/16"
REF 14
19/32"
33 34
U.S. ARMY MOBILITY EQUIPMENT
RESEARCH AND DEVELOPMENT COMMAND
FORT BELVOIR, VIRGINIA 22060
HORN INSTALLATION,
LCU 1667-1679
A1
97403
13226E8049

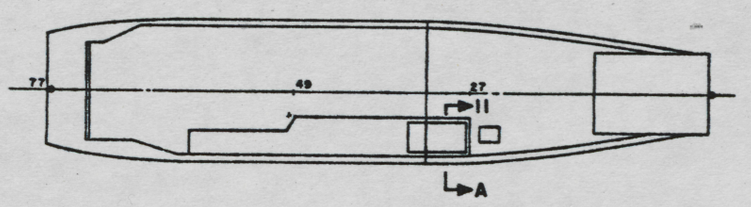


HOUSE TOP
4"
3"
10"
2 1/2" R
2 PLACES
1/8
2 PLACES
HOUSE FRONT
VIEW 15-C
SCALE 1 1/2"=1'-0"
33"
20-C
6'-8"
23-B
HOUSE TOP
CONN. TOWER REF 2
27 REF
23
A
5 REQD
29 15 16
15
OUTBD SIDE OF PILOT HSE
3"
C
14 33 34
6 REQD
6 EQUAL SPACES
3 REQD
14 15 16
DRILL 1/4" Ø
8 35
2"
21
B
18"
3/4"
1 1/2"
7
9
4" X 4" ⊥ REF
4" X 6" ⊥ REF
HATCH BOSN'S STORES
63" TO ℄
6'-2 1/4" TO ℄
INBD SIDE OF PILOT HSE
DK LVL
7 1/2"
2 1/2"
FIRE STATION PIPING REF 1
ROTATE PRESSURE GAGE FOR VISIBILITY
SEE VIEW 18-A FOR BELT AND PULLEY COVER
STBD SHELL
2 PLACES
3/16
11 12 13
2 PLACES
2 PLACES
3/16
13"
1 1/2"
23
24
4 PLACES
7 1/4"
35"
25
26
4 PLACES
3/16
7 1/4"
2 PLACES
3/16
8 1/4"
12"
38 3/4"
SHELL BTM
3/4"
23 3/4"
1 1/2"
16"
32"
28 7
13/32" Ø
6 HOLES FOR FIND NO. 15
VIEW 11-A
(6-B)
ROTATED 90° CCW
U.S. ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT COMMAND
FORT BELVOIR, VIRGINIA 22060
HORN INSTALLATION, LCU 1667-1679
A1
97403
13226E8049

NOTES:

1. ALL FABRICATION WELDING AND INSPECTION TO BE IN ACCORDANCE WITH NAVSEA 0900-LP-010-8010. WELD SIZES BASED ON USE OF AWS A5.1, CLASS E7016 ELECTRODES FOR LC STEEL TO LC STEEL.
2. TEMPLATE ALL WORK FROM LCU AND EQUIPMENT.
3. EQUIPMENT AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH USCG AND ABS REGULATIONS.
4. REPAIR ALL PAINT DAMAGED BY THIS INSTALLATION AND PAINT ALL NEW STEEL IN ACCORDANCE WITH U.S. ARMY TECHNICAL BULLETIN TB43-0144.
5. MATERIAL ORDERED ON THIS DRAWING IS NOT INTENDED TO BE RESTRICTIVE. SUBSTITUTION OF EQUAL QUALITY MATERIAL MAY BE MADE EXCEPT FOR ITEMS MARKED GFE.
6. SLIGHT DEVIATIONS FROM DIMENSIONS SHOWN ARE PERMISSIBLE TO SUIT ACTUAL CONDITIONS FOUND ABOARD THE VESSEL.
7. COMPONENTS SHOWN BY SOLID, HEAVY LINES ARE NEW, ORDERED AND INSTALLED IN ACCORDANCE WITH THIS DRAWING. LIGHT, BROKEN OR PHANTOM LINES INDICATE COMPONENTS EXISTING OR ORDERED ON AND INSTALLED BY DRAWINGS REFERENCED AS NOTED.
8. BULKHEAD PENETRATIONS SHALL BE IN ACCORDANCE WITH NAVSEA 810-2140001.

REFERENCE DRAWINGS		
NO.	DRAWING NO.	TITLE
1	13226E8004	MODE TO THE FIRE, BILGE AND BALLAST SYSTEM LCU 1667-1670
2	13226E8043	COMBINE TOWER, LCU 1667-1670
3	13226E8046	ELECTRICAL AND I/C SYSTEM MODE LCU 1667-1670
4	101-4634366	TRANSVERSE SECTIONS AND FRAMES LCU 1667-1670
5	110-4634366	TRANSVERSE BHDS (0-4B) LCU 1667-1670



KEY PLAN 6-A
SCALE NONE

SHEETS		STATUS OF REVISIONS				
N	R	ZONE	LTR	DESCRIPTION	DATE	APPROVED

SUPPLIED	FSCM NO.	MFR'S PART NO.	PART OR IDENTIFYING NO.	QTY REQD	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	MATERIAL
YARD	N2		8-8-8-12ON25BA	1	TEE,MALE,1/2" TUBE X 1/8" PIPE	SAE J246	BRASS
YARD	81	04198	1008	1	GAGE,PRESSURE,L10 FILLED 2 1/2" DIAL SIZE,0-200 PSI	COML	CRES
					PRESSURE RANGE,LOWER CONNECTION,STEM MOUNTING (ASHCROFT)		
YARD	N0			1	SHEET,11 G (.1196) THK	ASTM A366	STEEL
YARD	39			1	SHEET,18 G (.0598) THK	ASTM A366	STEEL
YARD	38			1	SHEET,18 G (.0598) THK	ASTM A366	STEEL
YARD	37			1	SHEET,11 G (.1196) THK	ASTM A366	STEEL
YARD	36	30790	1/8-GS-8	1	CONNECTOR,PIPE,1/8" NPTF (P H)	COML	BRASS
YARD	35		SEE NOTE 8	1	BHD CONNECTION,1/2" PLAIN SLEEVE		
YARD	34		MS35338-43	8	LOCK WASHER,NO. 10 NOM SIZE,CD PL		STEEL
YARD	33			8	SCREW,CAP,HEX HD,NO. 10-32 UNF-2A X 1/2" L	COML	CRES
YARD	32			8	BAR,3/8" DIA X 1/2" L	ASTM A36	STEEL
YARD	31		MS51922-2	8	NUT,HEX,SLFLKG,1/8"-20 UNC-2B		CRES
YARD	30		MS35307-308	4	SCREW,CAP,HEX HD,1/8"-20 UNC-2A X 3/8" L		CRES
YARD	29		MS21322-36	5	CLAMP,LOOP-ALUMINUM,CUSHIONED,1/2" ID		
YARD	28		12-8-160160	1	PIPE THREAD REDUCER,3/4"NPTF X 3/8"NPTF	SAE J514	STEEL
YARD	27		MS35489-43	1	GROMMET,.500" HOLE DIA X 1.062"OD X .375" THK		
YARD	26			1	F.B.,2" X 2" X 1/8"	ASTM A36	STEEL
YARD	25			2	ANGLE,2 1/2" X 2 1/2" X 1/8" X 36" L	ASTM A36	STEEL
YARD	24			2	ANGLE,2 1/2" X 2 1/2" X 1/8" X 22" L	ASTM A36	STEEL
YARD	23			2	ANGLE,2 1/2" X 2 1/2" X 1/8" X 15" L	ASTM A36	STEEL
GFE	22	75216	FIG. M-100	1	AIR STRAINER, 1/2" NPT (KAHLENBERG)	COML	BRONZE
YARD	21		8-8-12010BBA	2	CONNECTOR,MALE,1/2" TUBE SIZE X 1/2" PIPE	SAE J246	BRASS
YARD	20	07373	300BB-6-BB	1	FEMALE PIPE FITTING,3/8" HOSE SIZE X 3/8" PIPE (PARKER-HANNIFIN)	COML	BRASS
YARD	19	73000	B-17	1	PLUG,W/HOSE STEM CONNECTION,3/8" HS (HANSEN)	COML	BRASS
YARD	18		8-8-12ON25BA	1	TEE,MALE BRANCH,1/2" TUBE SIZE X 3/8" PIPE	SAE J246	BRASS
YARD	17		8-12010188	1	UNION,1/2" TUBE SIZE	SAE J246	BRASS
YARD	16		MS21904-C3	11	NUT,HEX,SLFLKG,NO. 10-32 UNJF-3B		CRES
YARD	15			11	SCREW,CAP,HEX HD,NO. 10-32 UNF-2A X 3/4" L	COML	CRES
YARD	14		MS21333-71	10	CLAMP,LOOP-STEEL,CUSHIONED,1/2" ID		
YARD	13		MS51922-18	8	NUT,HEX,SLFLKG,3/8"-16 UNC-2B		CRES
YARD	12		MS35307-308	6	SCREW,CAP,HEX HD,3/8"-16 UNC-2A X 1" L		CRES
GFE	11	75216	MODEL ESC-1/3E, FIG TWE-50	1	AUTOMATIC COMPRESSOR UNIT,1/2 HP MOTOR,110 VAC, 8" X 26" AIR RECEIVER (KAHLENBURG)	COML	VARIOUS
YARD	10		TYPE OFTL	1	TUBE,3/8" OD X .120 WALL	ASTM A512	STEEL
YARD	9			2	BAR,1" DIA X 2 1/8" L	ASTM A36	STEEL
YARD	8		TYPE I	NOFT	TUBE,1/2" NOM OD X .040 WALL	SAE J1198	COPPER
YARD	7		8-8-12020BA	3	ELBOW,90° MALE,1/2" TUBE SIZE X 3/8" PIPE	SAE J246	BRASS
YARD	6	73000	3200	2	COUPLING,QD ISC,SOCKET,3/8" FP (HANSEN)	COML	BRASS
YARD	5	07373	801-6	1 FT	HOSE,LOW PHENOPRENE,3/8" ID (PARKER-HANNIFIN)	COML	RUBBER
GFE	4	75216	FIG. V-12A	1	MANUAL VALVE,3/8" NPT PORTS (KAHLENBERG)	COML	BRONZE
YARD	3		8-8-12010ZBA	8	CONNECTOR,MALE,1/2" TUBE SIZE X 3/8" PIPE	SAE J246	BRASS
YARD	2		8-4-12010ZBA	1	CONNECTOR,MALE,1/2" TUBE SIZE X 1/4" PIPE	SAE J246	BRASS
GFE	1	75216	MODEL 3-2,F18J12	1	AIRHORN (KAHLENBERG)	COML	BRONZE

PARTS LIST

DRAWN BY	MA
DATE	27 JUN 84
TRACED BY	
DATE	28 Jun 84
CHECKED BY	
DATE	
ENGINEER	
DATE	
APPROVED FOR PROCUREMENT	
DATE	31 AUG 84

U.S. ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT COMMAND FORT BELVOIR, VIRGINIA 22060

HORN INSTALLATION, LCU 1667-1679

SIZE	FSCM	DWG NO
A1	97403	13226E8049

SCALE 1"=1'-0" SHEET 1 OF 3