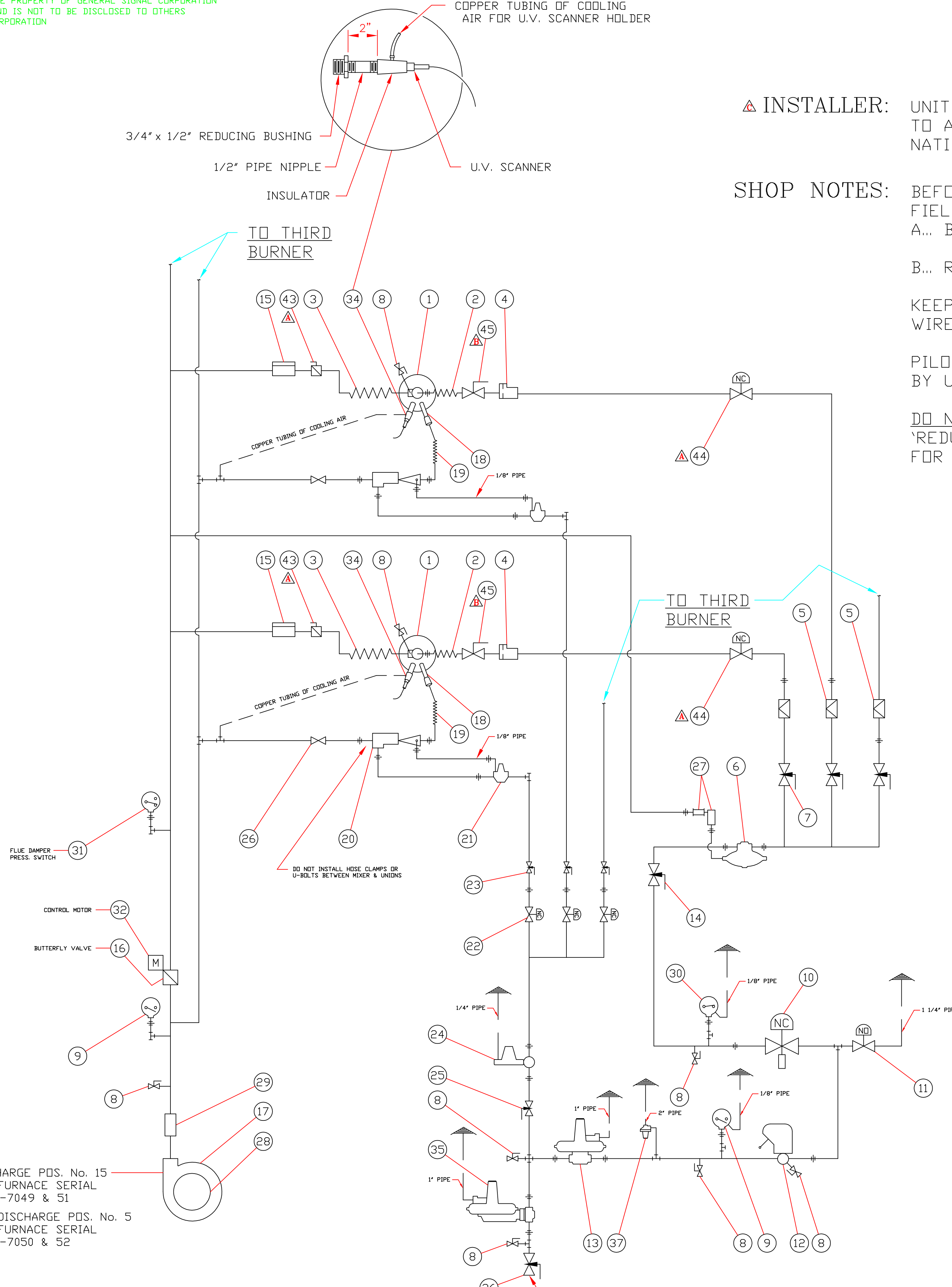


ISSUED FOR JOB NUMBER:	QTY.	DATE ISSUED TO BUILD
R-7049 (CHRYSLER CAN)	1	AUG-04-1997
R-7050 (CHRYSLER CAN)	1	AUG-04-1997
R-7051 (CHRYSLER CAN)	1	AUG-04-1997
R-7052 (CHRYSLER CAN)	1	AUG-04-1997



INSTALLER: UNIT MUST BE INSTALLED ACCORDING TO ALL APPLICABLE LOCAL AND NATIONAL INSTALLATION CODES.

SHOP NOTES: BEFORE MPH DRYOUT OR IN FIELD DRYOUT...
 A... BREAK ALL COMBUSTION LINES AT A COMMON POINT.
 B... REMOVE PILOT TIP & U.V. SCANNER HOLDER.
 KEEP COPPER TUBING & IGNITION WIRES ABOVE ROOF CHANNELS.

PILOT MIXER IS TO BE ISOLATED BY UNIONS.

DO NOT USE 'CLOSE NIPPLE' AND 'REDUCING BUSHING' ON GAS TRAIN FOR THIS CGA-CSA SYSTEM

THESE ITEMS COUNTED UNDER B.O.M. #2115-0603

ITEM	QTY.	UOM	MPH PART No. or DWG No.	DESCRIPTION
3 45	3	EA	0704-0007 BODY	DEZURIK VALVE 2 1/2" W/HANDLE
3 44	3	EA	0806-0012	ASCO 8042-C85 S.D.L. VALVE NC. 2 1/2" 120/60
3 43	3	EA	0805-0018	NA 1122-8 BUTTERFLY VALVE 6"
1 42	1	EA	0810-0014	MORRIS 3-3C COMPRESSION COUPLING FOR 3" PIPE
1 41	1	EA	PROVIDED W/BLOWER	FLEXIBLE SLEEVE 8 1/4" OD W/ CLAMPS
1 40	1	EA	0805-0016	NA 1122-6 BUTTERFLY VALVE 3"
1 39	1	EA	0803-0401	HAUX F38302 HMC 12" FILTER SILENCER & WIRE FILTER FLANGED MNT.
1 38	1	EA	0801-0206	HAUX T8A2-757H-1 TFC BLOWER 12" PLANGED IN 8 1/4" OD FLEX SLEEVE OUT.
1 37	1	EA	0807-0101	FISHER 2894 PRESSURE RELIEVE VALVE 2" RANGE 05 to 225 PSI
1 36	1	EA	0704-0051	VALVE PLUG 2" LUBRICATED, W/COMBINATION LOCKING DEVICE
1 35	1	EA	0807-0068	ROCKWELL 243-12-2 REGULATOR 2" BODY, 1" DRIFICE
3 34	3	EA	0407-0008	FIREYE 35-69 SCANNER SPACER, DRILL & TAPPED FOR COOLING AIR
3 33	3	EA	0809-0003	DONGAN A06SA6 IGNITION TRANSFORMER
1 32	1	EA	0805-0085 MOTOR	HNWL M6284F1013 AIR CNTL. MTR. W/ AUX. SWITCHES
1 31	1	EA	0407-0036 X-FORMER	AND HNWL 198162EA TRANSFORMER 120V-24V
1 31	1	EA	0804-0012	HWL. C437F-1003 1"-26" WC. PS. 120/60
1 30	1	EA	0804-0010	HWL. C437G-1028 1/2 - 5 PSI PS. 120/60
1 29	1	EA	PROVIDED W/BLOWER	FLEXIBLE SLEEVE 10 1/4" OD W/ CLAMPS
1 28	1	EA	0803-0400	HAUX F38302 HMC 12" FILTER SILENCER & WIRE FILTER FLANGED MNT.
1 27	1	EA	0807-0002	NA 8655 BLEEDER FILTER ASSEMBLY
3 26	3	EA	0704-0027	VALVE BRASS 3/4" SQUARE HEAD
1 25	1	EA	0704-0040	VALVE PLUG 1" LUBRICATED, W/HANDLE
1 24	1	EA	0807-0053	ROCKWELL 043-180 REGULATOR 1"x1" BODY
3 23	3	EA	0704-0046	VALVE PLUG 1/2" LUBRICATED, W/HANDLE
3 22	3	EA	0806-0033	ASCO 8215-G20 S.D.L. VALVE NC. 1/2" 120/60
3 21	3	EA	0807-0005	MAXITROL R-400-S REGULATOR 3/8"
3 20	3	EA	0802-0010	NA 4031 ASPIRATOR PILOT MIXER
3 19	3	EA	0810-0021	NA 8777-0 FLEX NIPPLE 3/4" PILOT
3 18	3	EA	0802-0001 PILOT TIP	BLOOM 3001-030-03 SPARK IGN. PILOT TIP
1 17	1	EA	0801-0205	HAUX T8A2-107-3 TFC BLOWER 12" PLANGED IN 10 1/4" OD FLEX SLEEVE OUT.
1 16	1	EA	0805-0039	NA 1126-9 BUTTERFLY VALVE 8" W/ B&L
3 15	3	EA	0810-0030	MORRIS 6-3C COMPRESSION COUPLING FOR 6" PIPE
3 14	1	EA	0704-0050	VALVE PLUG 3" LUBRICATED, W/HANDLE
1 13	1	EA	0807-0057	ROCKWELL 122-12 REGULATOR 1 1/2" BODY
1 12	1	EA	0806-0158 VALVE	MAXON SERIES 808 GAS S.D.V. NC. 2 1/2" BODY WITH VDS 1 AUX. SWITCH 120/60
1 11	1	EA	0806-0015	ASCO 8215-C63 S.D.L. VALVE NO. 1 1/4" 120/60
1 10	1	EA	0806-0001	ASCO 8043-A97 S.D.L. VALVE NC. 3" 120/60
2 9	2	EA	0804-0011	HWL. C437H-1001 1"-26" WC. PS. 120/60
9 8	9	EA	1201-0100 VALVE	VALVE BRASS 1/8" & HOSE BIB
3 7	3	EA	0704-0042	VALVE PLUG 2 1/2" LUBRICATED, W/HANDLE
1 6	1	EA	0807-0026	NA 7218-6 RATIO REGULATOR 3"
3 5	3	EA	0806-0066	NA 1807-5 LIMITING DRIFICE 2 1/2"
3 4	3	EA	0806-0056	NA 8697-5-A2880 METERING DRIFICE 2 1/2"
3 3	3	EA	0810-0029	NA 8777-8 FLEX NIPPLE 6" AIR
3 2	3	EA	0810-0026	NA 8777-5 FLEX NIPPLE 2 1/2" GAS
3 1	3	EA	0801-0033	BLOOM HTR 2010-060 BURN. 6" AIR 2 1/2" GAS STD. DRILL FOR 31200 CFH @ 15"WC. AIR PRESS.

See NOTE NOT SHOWN

See NOTE

See NOTE

DISCHARGE POS. No. 1 FOR FURNACE SERIAL No. R-7049 & 51 AND DISCHARGE POS. No. 11 FOR FURNACE SERIAL No. R-7050 & 52

NOTES: 1) ITEM No. 18 (SPK PLUG) 33 & 34 COUNTED ON B.O.M. 2, 14-
 2) ITEM No. 31 COUNTED ON B.O.M. 2115-0301
 3) ITEM No. 38, 39, 40, 41 & 42 COUNTED ON B.O.M. 2115-0603

DISCHARGE POS. No. 15 FOR FURNACE SERIAL No. R-7049 & 51 AND DISCHARGE POS. No. 5 FOR FURNACE SERIAL No. R-7050 & 52

2" NPT. CONNECT TO SUPPLY OF 1000 BTU/CuFt NATURAL GAS @ 9500 CFH FLOW 10 PSI INLET PRESSURE

LScale: 1/8"=1'-0"
 BScale: 1/8"=1'-0"
 PLScale: 1/8"=1'-0"
 PLTDate: AUG-04-97
 STATION: EB D:\CAD\6200\13350952

REVISION DESCRIPTION	DATE	SYM
RELETED SHEET NOTE OF MOVING ITEM #36 TO 35 & 37	DEC-18-97	Δ
ADDED BURNER GAS SHUT OFF VALVES ITEM #45 PER CGA	AUG-15-97	Δ
ADDED BURNER GAS SOL VALVES ITEM #44 PER CUSTOMER REQUEST	AUG-04-97	Δ
ADDED BURNER BALANCING AIR VALVES ITEM #43		

LINDBERG/MPH
 A GENERAL SIGNAL COMPANY
 P.O. BOX 131 RIVERSIDE, MICHIGAN 49084
 1-616-849-2700 PHONE 1-616-849-3021 FAX
 TYPE: 62-ARP 3500 GAS-FIRED STATIONARY ALUMINUM REVERBERATORY MELTING FURNACE
 PART: COMBUSTION SCHEMATIC
 DRAWN BY: SP DATE: APR-18-97 CUSTOMER: CHRYSLER CANADA LTD.
 CHECK BY: SCALE: NONE DWG. NO: 2113-350952 2 of 2