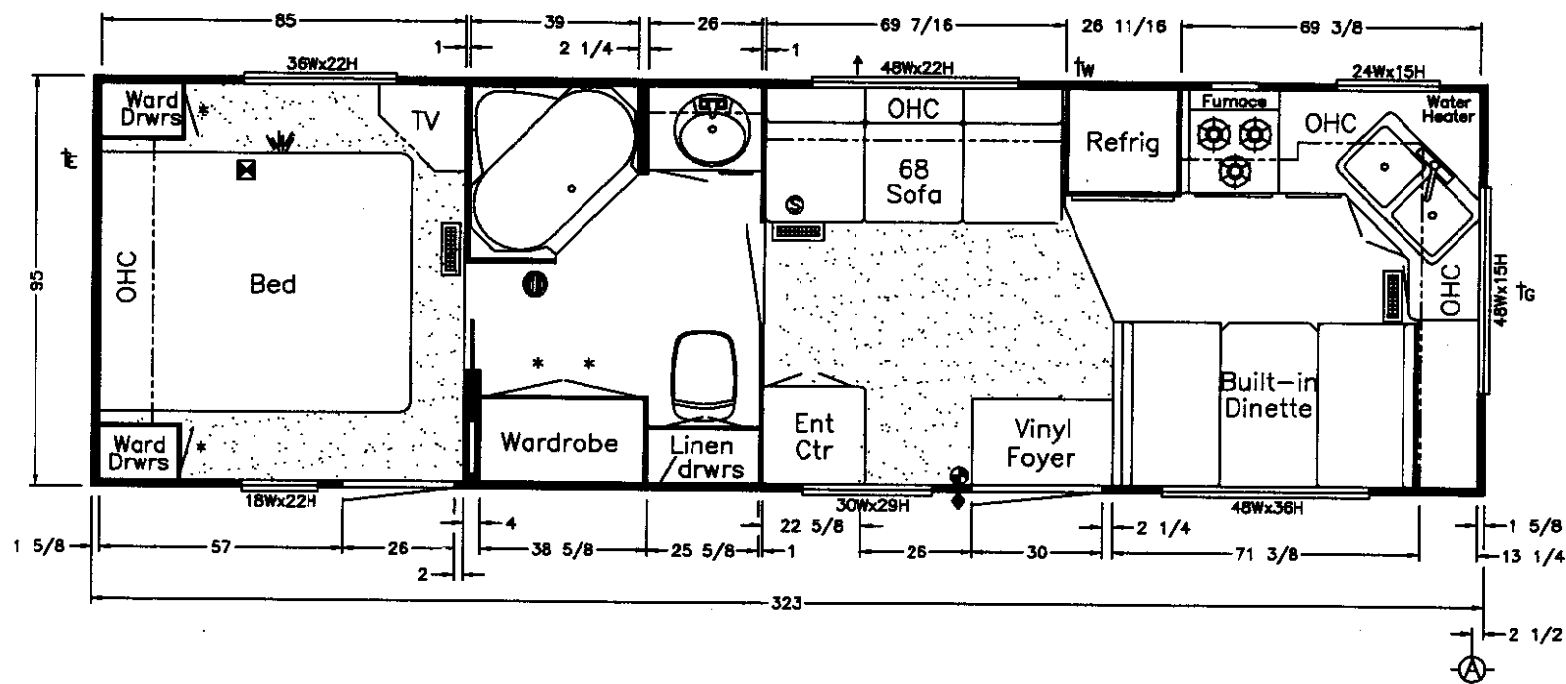




⊙ = "0" Point of frame

SYMBOLS

- ⊙ - WARM AIR REGISTER
- ⊙ - ELECTRICAL PANEL
- ↑ - WATER INLET
- ⊙ - GAS INLET
- ⊙ - ELECTRICAL INLET
- E - EGRESS
- ⊙ - CONVERTER

- ⊙ - SEWAGE DRAIN
- CLW - CITY WATER
- ↑ - SEWAGE DRAIN
- ⊙ - SMOKE DETECTOR
- ⊙ - FIRE EXTINGUISHER (5 BC MIN)
- ⊙ - INSIGNIAS (STATE & RVIA)
- ⊙ - C.D. DETECTOR
- * - MIRROR WARDROBE

Overall Length: 30' 11"
Overall Width: 95"
Interior Width: 91 3/4"
Square Footage: 213 sq. ft.
Awning Size: 21 Ft.

NOTE
ALL WALLS, PARTITIONS, & CEILING HAVE
CLASS "C" (200) FLAME SPREAD RATING
ALL INTERIOR PASSAGE DOORS ARE NON-LOCKING

NEWMAR CORP
P.O. Box 30,
Nappanee, IN. 46550

'97 Model:
American Star 30' FKL-B-TT

Sheet
1 of 3

Drawn by:
Todd Stahly

Checked by:
[Signature]

Revision: Moved the location of the converter (97752)

By: Todd

Date: 9/5/96

Title:
Floor Plan

I.D. #
P/7T30FKLB

Date:
4/22/96

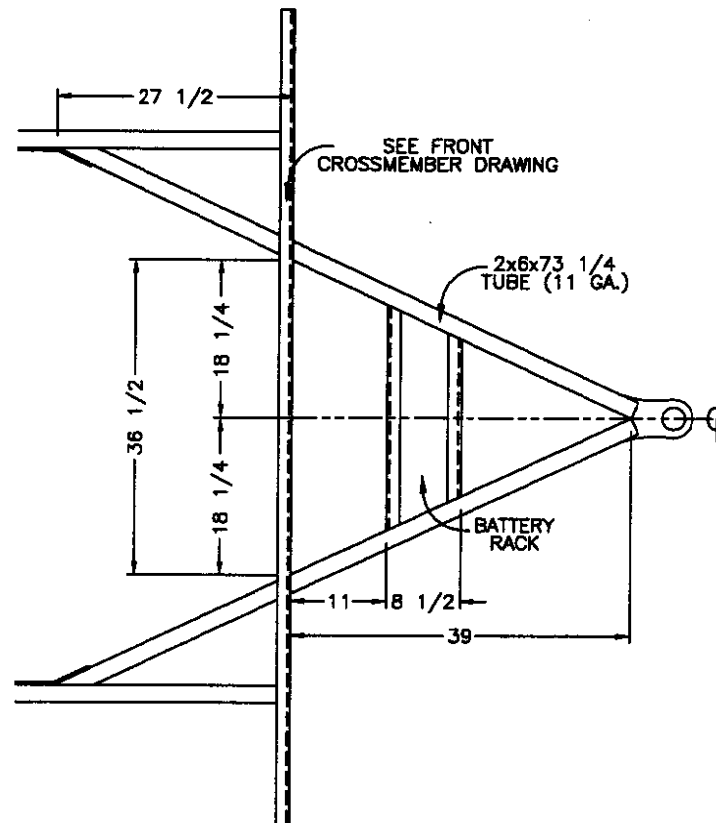
Date:
4-5

Revision: Moved the location of the converter (97604)

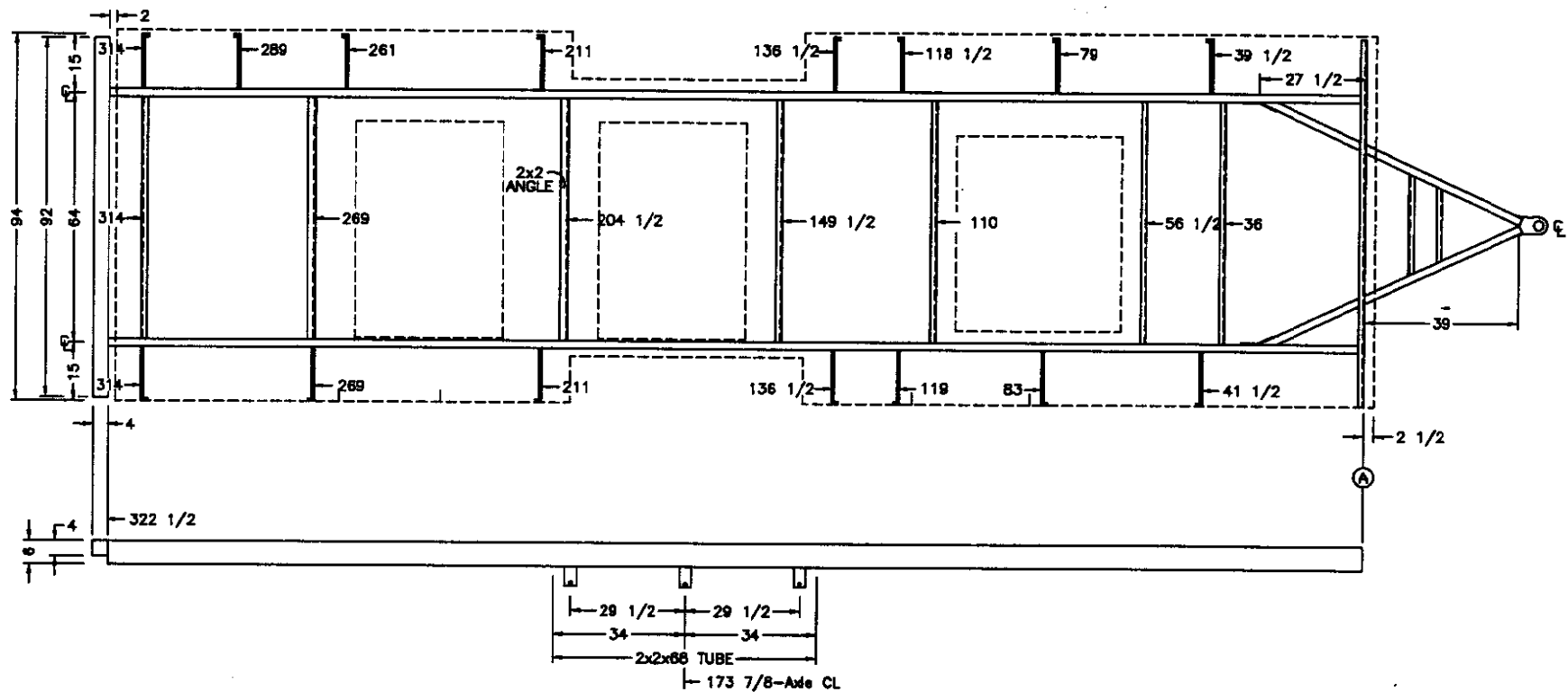
By: Todd

Date: 8/8/96

Title block--375TB

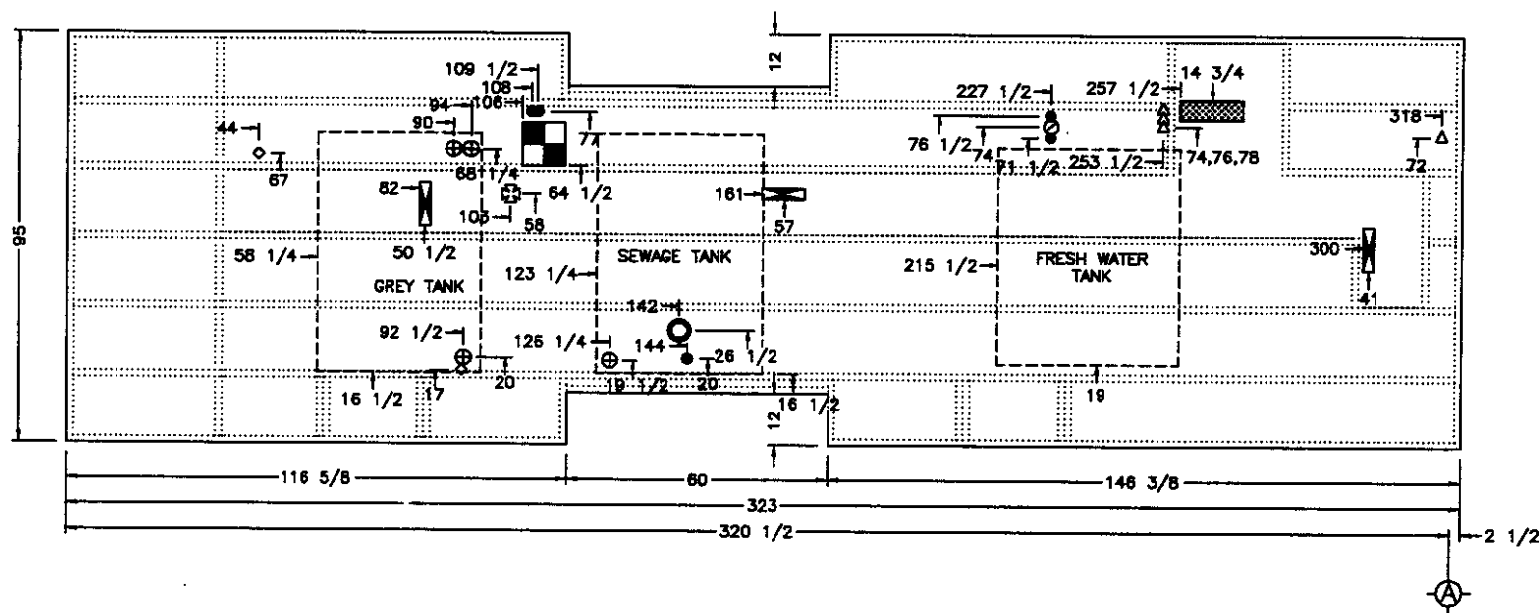


NEWMAR CORP P.O. Box 30, Napanea, HI. 46550 Title block--75TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	All 6" frame travel trailers	1 of 1	Todd Stahly	<i>fs</i>		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	"A" frame detail	ft/6/7aframe	6/19/96	6-26		Date:



NOTE:
ALL DIMENSIONS ARE FROM POINT A
FRAME STRUCTURE: 2x6 TUBE (11 GA.)

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--3751B	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star: 30' FKLb-TT	1 of 1	Todd Stahly	WJ/M	Removed the 2x2 tube above axle (97941)	Todd
	Title:	I.D. #	Date:	Date:	Revision:	Date:
	Frame detail	ft/6/7t30fklb	6/19/96	10-4	Removed 2x2 note and moved rear outrigger 4" back (97607)	8/8/98



FLOOR CUTOUT SYMBOLS

⊙ = Frame "0" point

-10"x10" FIBERGLASS TUB
- ⊕5" ABS TUB HOLE
- ⊗5" HEAT DUCT HOLE
- ⊗4 1/2" HEAT DUCT HOLE
- ⊗4" HEAT DUCT HOLE

- ⊙2 1/2" HEAT DUCT HOLE
- ⊗2 1/2"x10" HEAT REGISTER
- ⊗4 1/2"x14 1/2" FURNACE
- ⊙5" SEWAGE DRAIN HOLE
- ⊕3" DRAIN HOLE

-2" VENT HOLE
- ◇1/4" ELECTRICAL HOLE
- ⊙3" WATER FILL HOLE
-3/4" WATER LINE HOLE
- Δ3/4" GAS LINE HOLE

NEWMAR CORP
P.O. Box 30,
Nappanee, IN. 46550

'97 Model:
American Star 30' FKL B-TT

Sheet
2 of 3

Drawn by:
Todd Stahly

Checked by:
B

Revision: Moved tanks to allow tank valves to be installed better (97584)

By: Todd

Title:
Floor cutout detail

I.D. #
P/TT30FKLB

Date:
4/22/96

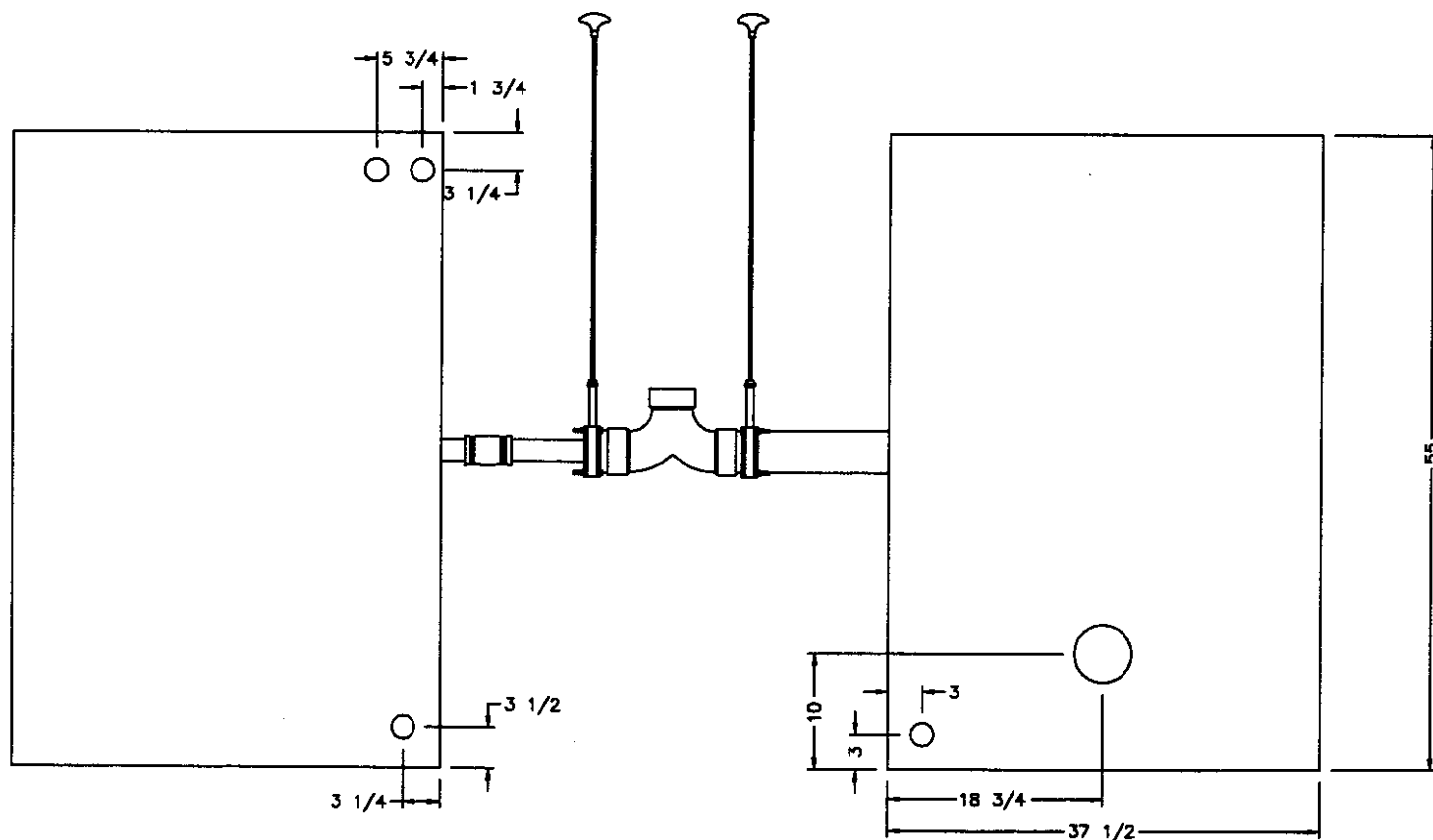
Date:
8-2

Revision: Moved grey tank and added water lines (97418)

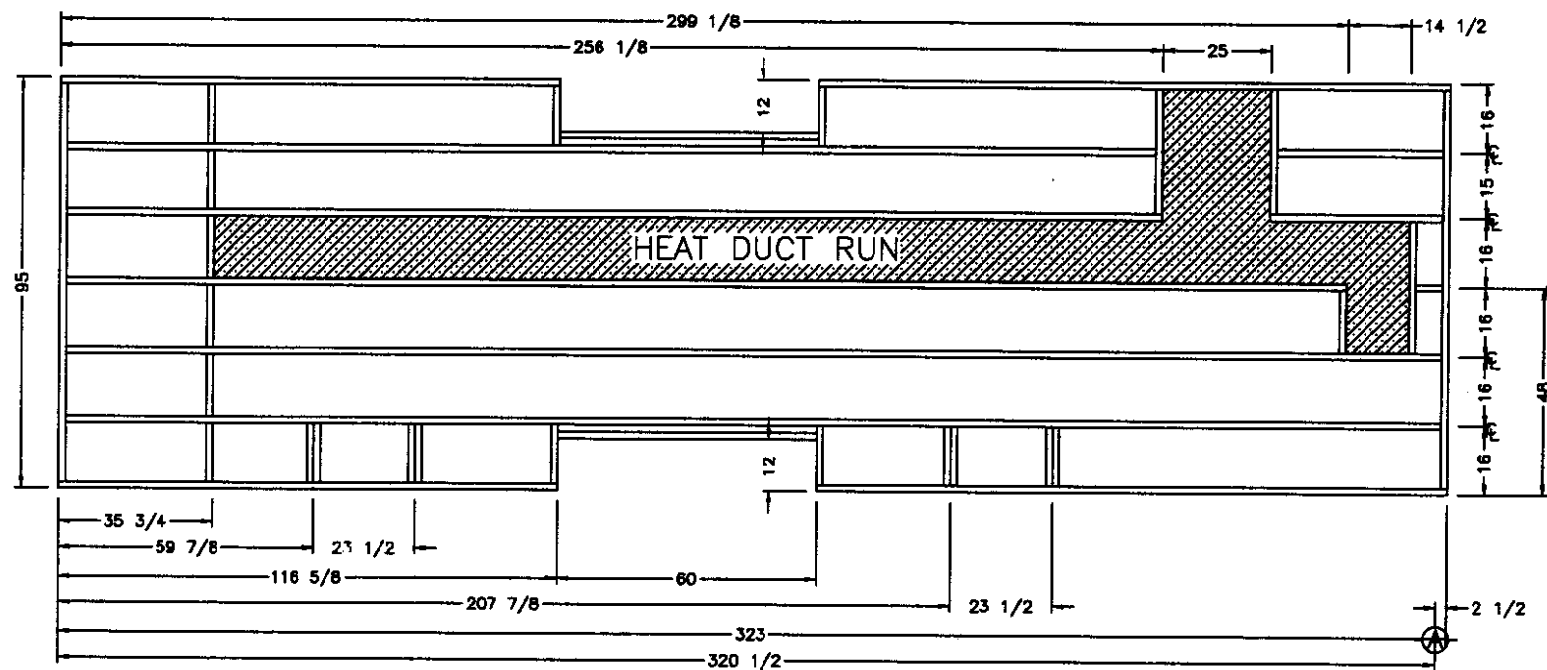
By: Todd

Date: 7/11/96

Title block--375TB



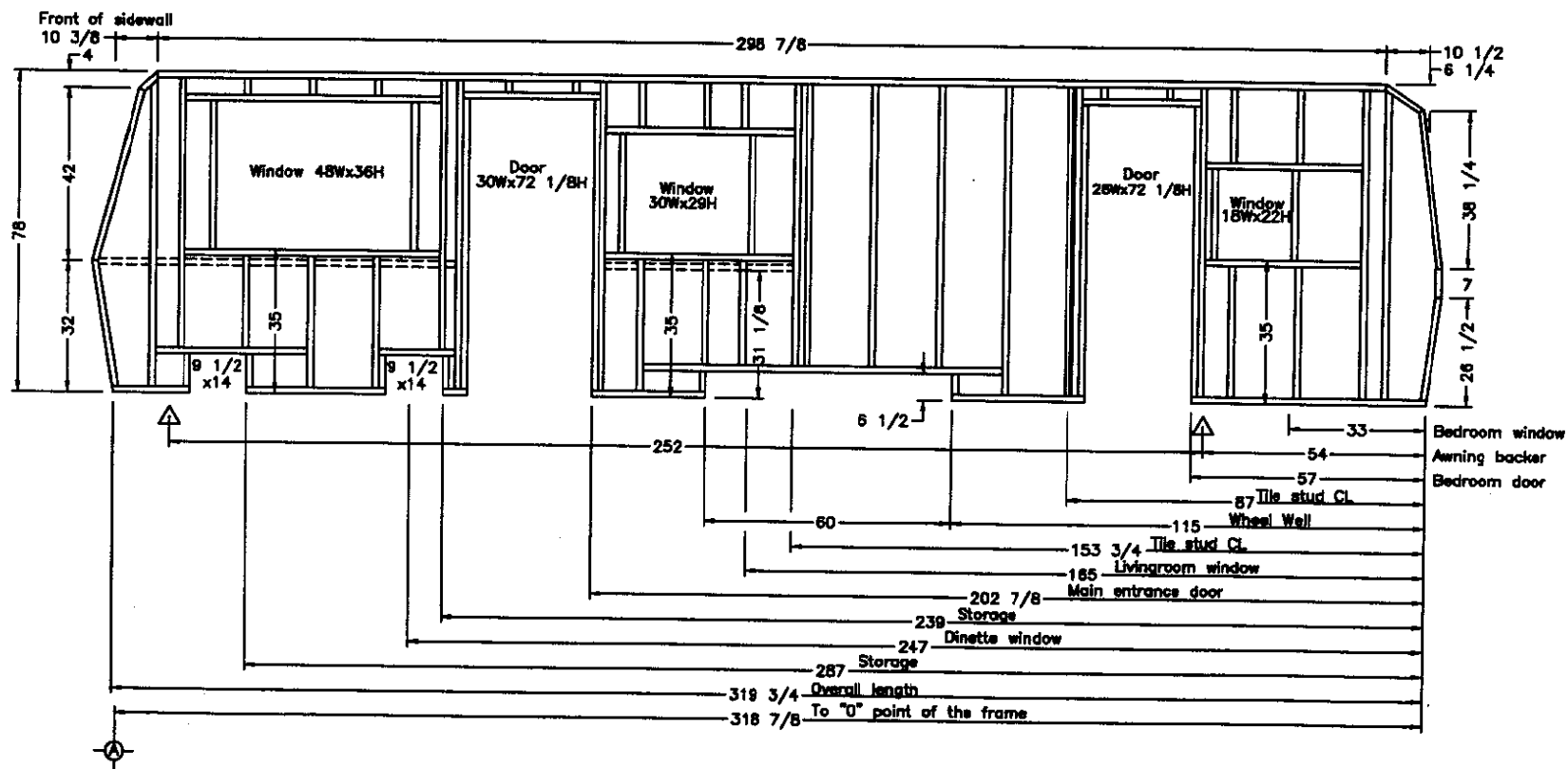
NEWMAR CORP P.O. Box 30, Napppano, IN. 48550	'97 Model:	Sheet	Drawn by:	Checked by:	Revision: Changed sewage tank to a center drain (97584)	By: Todd
	American Star: 30' FKLB-TT	1 of 1	Todd Stahly	<i>RS</i>		Date: 8/1/96
Title block---1TB	Title:	I.D. #	Date:	Date:	Revision: Changed the grey tank to center drain moved holes (97418)	By: Todd
	Holding Tank drawings	h/7t30fklb	3/19/96	8-1		Date: 7/11/96



⊙ = "0" Point of frame

NOTES:
ALL STRINGERS TO BE SPRUCE-PINE-FIR (SPF)
STRINGERS: 2x3'S
3 1/8 BUILD-UP MAIN FLOOR ONLY

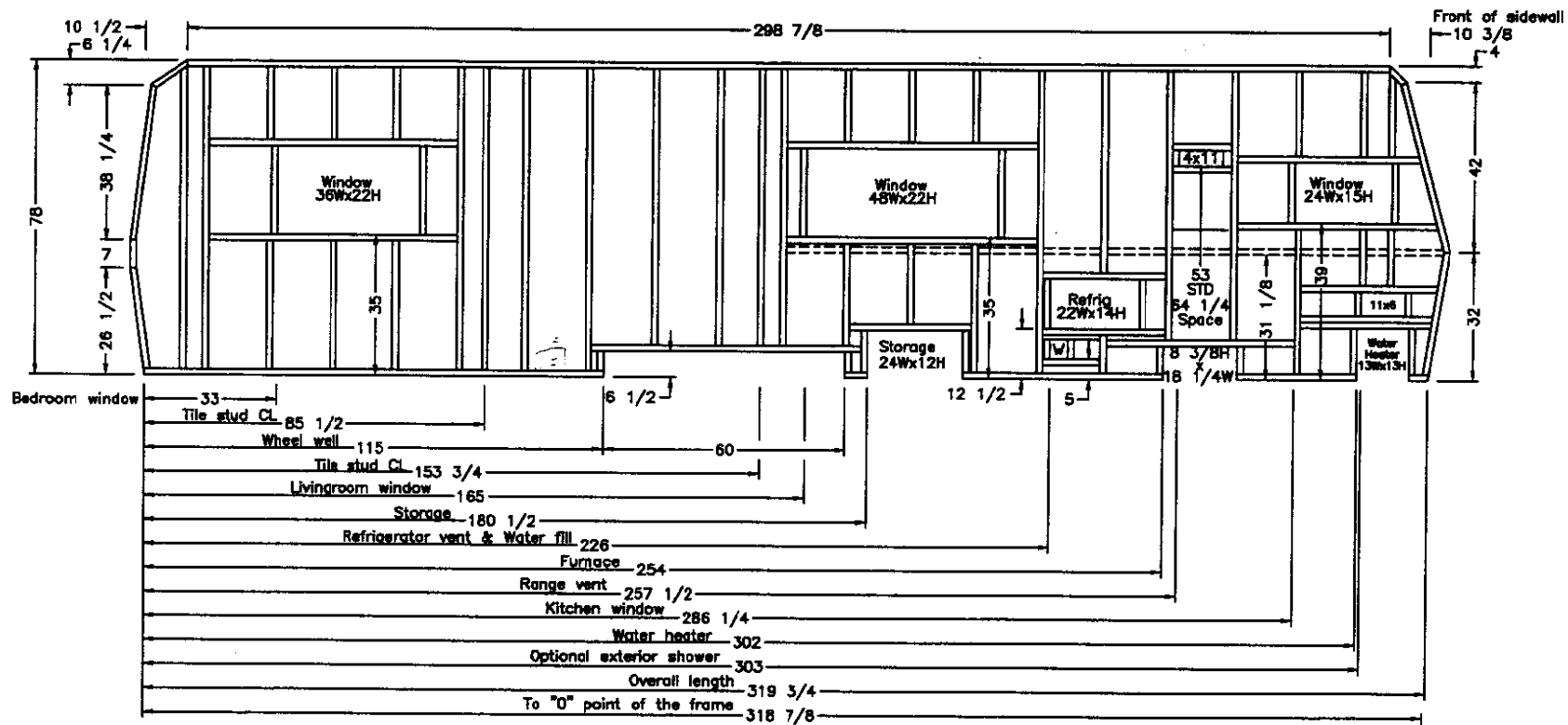
NEWMAR CORP P.O. Box 30, Napponee, IN. 46550 Title block--375TB	'97 Model: American Star 30' FKL B-TT Title: Stringer layout	Sheet 3 of 3 I.D. # P/TT30FKLB	Drawn by: Todd Stahly Date: 4/22/96	Checked by: R Date: 7-11	Revision: Moved step backer for rear step 1" forward (97418) Revision:	By: Todd Date: 7/11/96 By: Date:



NOTE:
SIDEWALL LAYOUT DRAWN AS IN JIG.
ALL STUDS SPACED 16" ON CENTER UNLESS OTHERWISE SPECIFIED.
SIDEWALL THICKNESS 1 5/8"
21 FT. AWNING

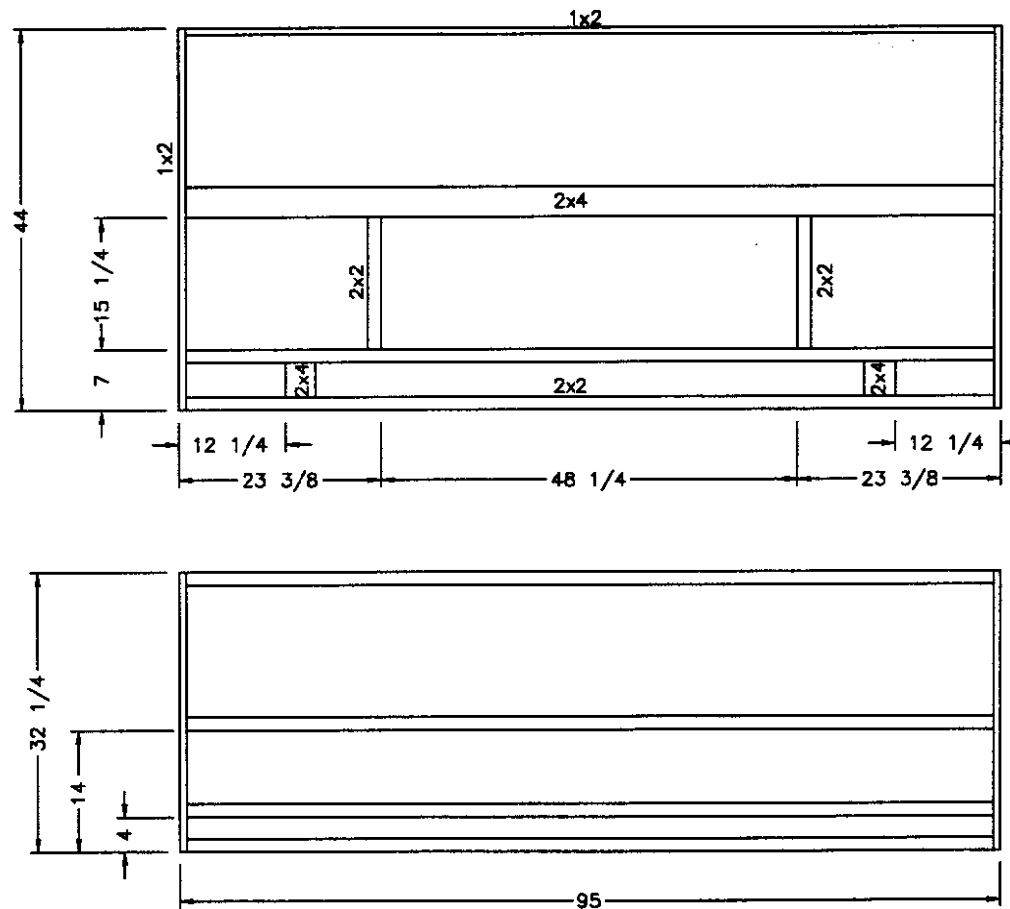
WITH TWIN BED OPTION
OMIT REAR DOOR
CHANGED WINDOW SIZE TO 36Wx22H
MOVE WINDOW TO 25

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--375TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	
	American Star: 30' FKLb-TT	1 of 1	Todd Stahly	10/9/96	Changed the entrance door opening height ECO93 (97986)	By: Todd
	Title:	I.D. #	Date:	Date:	Revision:	Date: 10/14/96
	Door side sidewall	s/d/7t30fklb	6/20/96	10-17		By:
						Date:

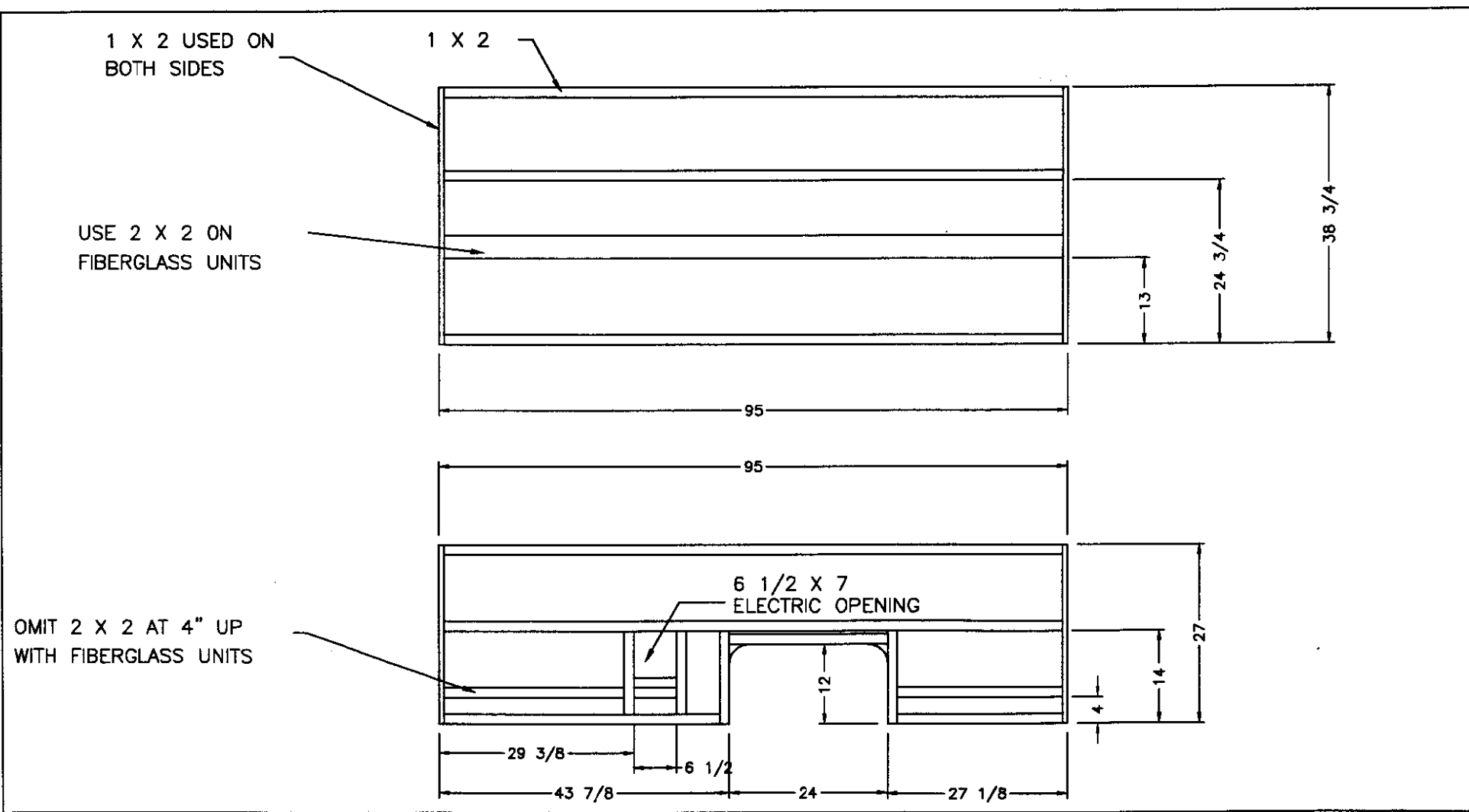


NOTE:
SIDEWALL LAYOUT DRAWN IN JIG POSITION.
ALL STUDS SPACED ON 16" CENTERS, UNLESS OTHERWISE SPECIFIED
SIDEWALL THICKNESS 1 5/8"

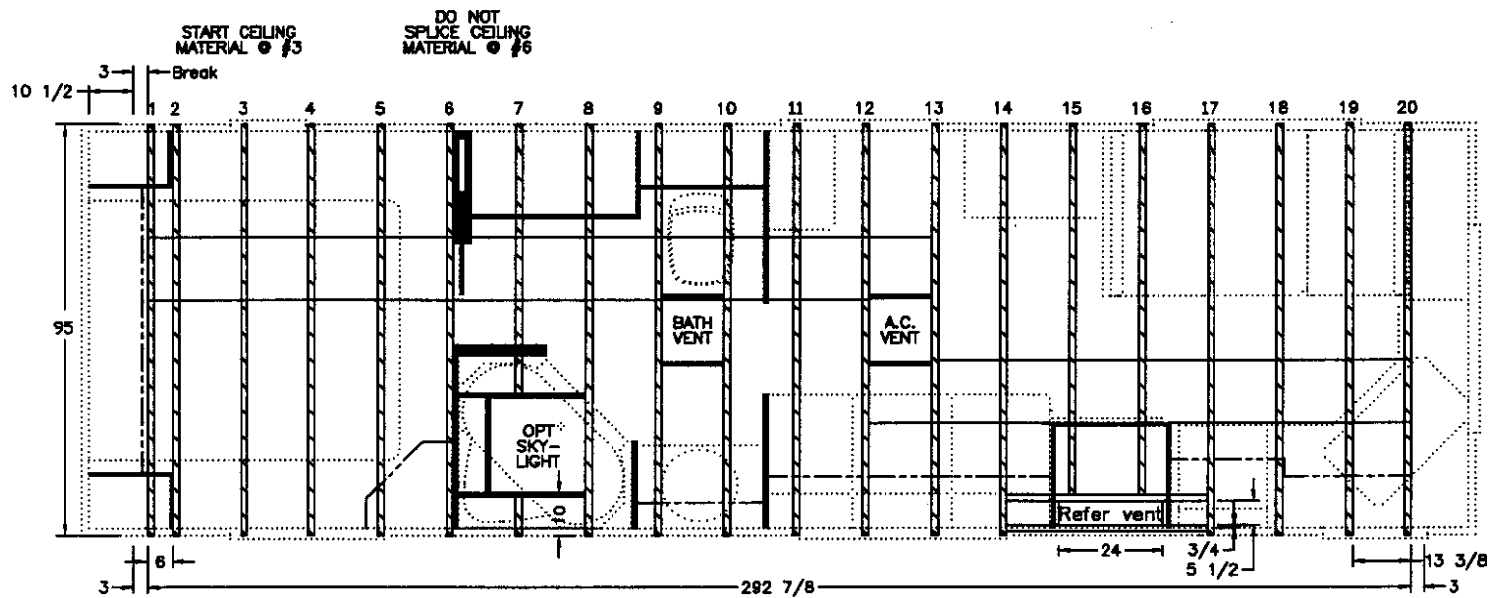
NEWMAR CORP P.O. Box 30, Nappanee, IN. 48550 Title block--375TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star: 30' FKL-B-TT	1 of 1	Todd Stahly	<i>EJ</i>		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Off-door side sidewall	s/o/7t30fklb	6/21/96	6-26		Date:



NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--75TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star: 30' FKLb-TT	1 of 1	Todd Stahly	<i>TS</i>		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Front sidewall detail	s/f/7t30fklb	6/21/96	6-26		Date:



NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--75TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star: 30' FKLb-TT	1 of 1	Todd Stahly	<i>P3</i>		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Rear sidewall detail	s/r/7t30fklb	6/21/96	6-26		Date:



NEWMAR CORP
P.O. Box 30,
Napponee, IN. 46550

'97 Model:

American Star: 30' FKLB-TT

Title:

Roof layout

Sheet

1 of 1

I.D. #

r/7t30fklb

Drawn by:

Todd Stahly

Date:

6/21/96

Checked by:

B

Date:

6-26

Revision:

Revision:

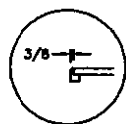
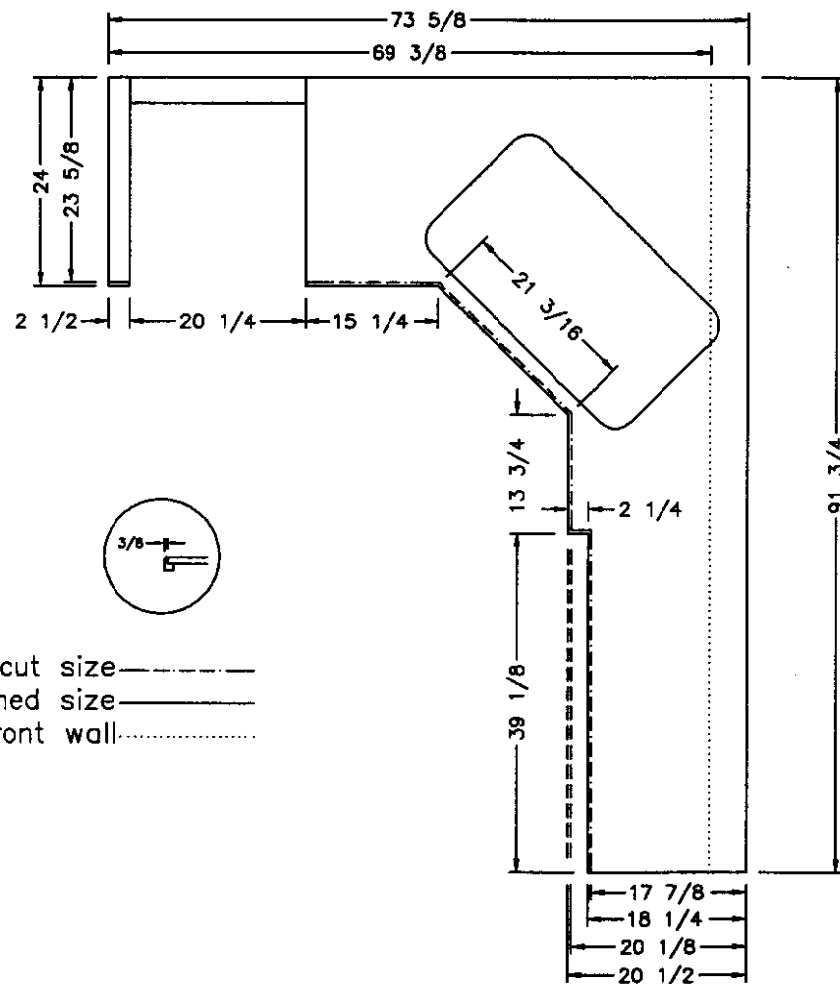
By:

Date:

By:

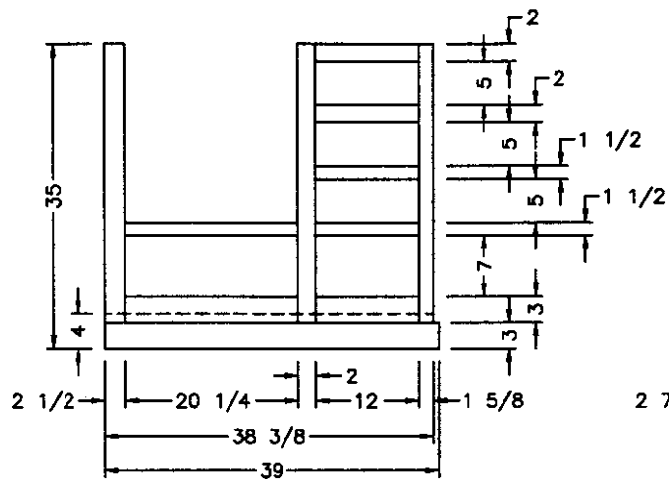
Date:

Title block---375TB



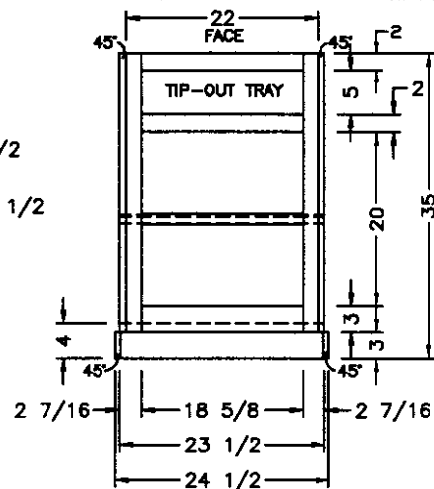
Top cut size _____
 Top finished size _____
 Front wall _____

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--75TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star: 30' FKL-B-TT	1 of 2	Todd Stahly	<i>BS</i>		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Counter top	cabtt/c/76	6/21/96	626		Date:



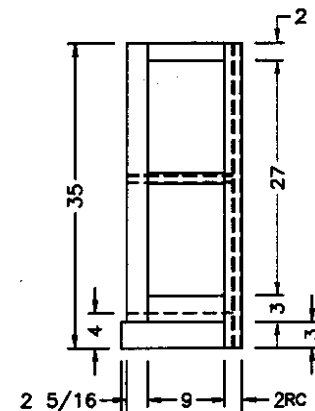
RANGE/DRAWER BASE

- (3) 12 1/2x5 3/4 FRONT
(1) 12 1/2x7 3/4 FRONT
(1) 21x7 3/4 FRONT



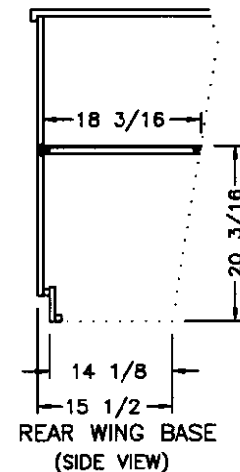
ANGLED BASE

- (1) 19x5 3/4 FRONT
(2) 9 1/2x20 1/2

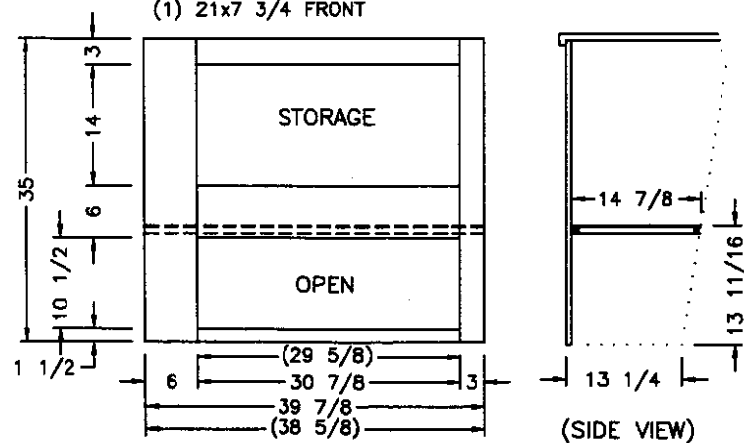


REAR WING BASE

- (1) 9 1/2x27 1/2



REAR WING BASE
(SIDE VIEW)



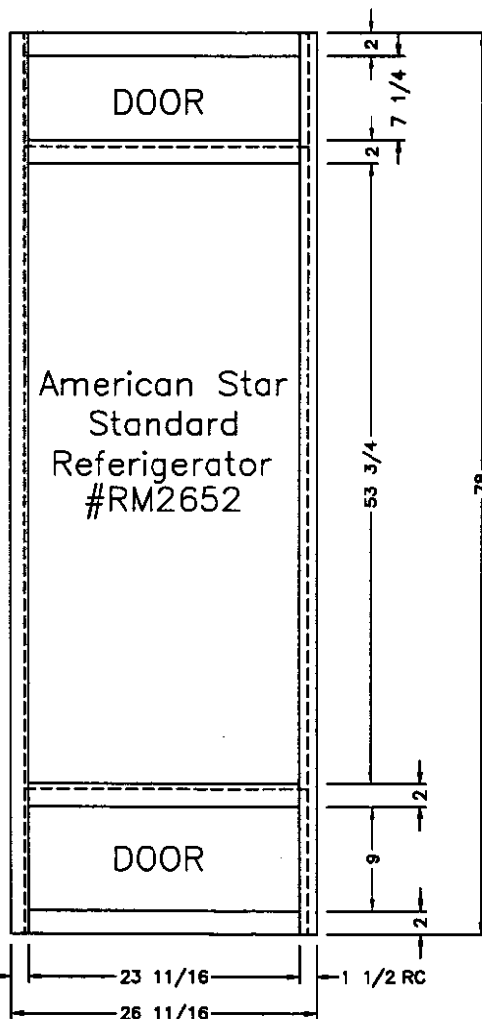
BUILT-IN DINETTE BASE

(SIDE VIEW)

Dim in () are for
alum sidewalls

Used on:
AS 30' FKL B-TT
AS/KS 30' FKR B-TT

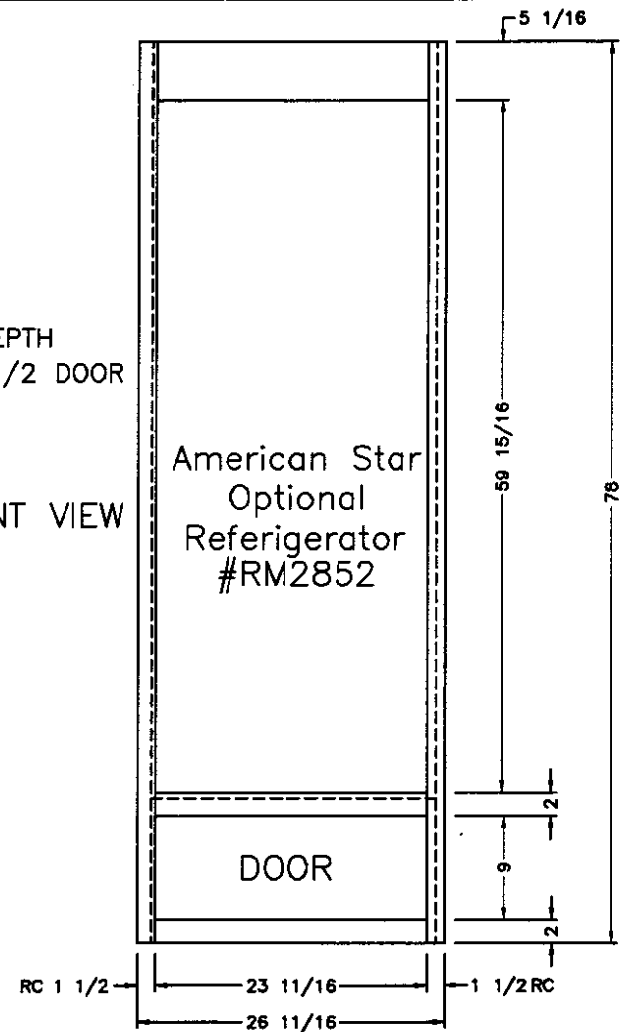
NEWMAR CORP P.O. Box 30, Napanea, IN. 46550 Title block--75TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision: Removed drawing for free-standing dinette (971320)	By: Todd
	See Used on list	2 of 2	Todd Stahly	WJ		Date: 12/19/96
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Base cabinets	cabtt/c/76	6/21/96	12-19		Date:



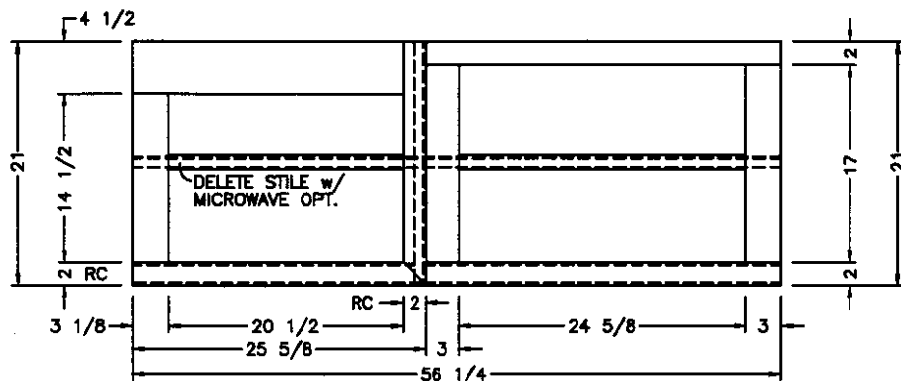
FRONT VIEW

24 1/2 DEPTH
(1) 24 1/2x9 1/2 DOOR

FRONT VIEW



NEWMAR CORP P.O. Box 30, Napanea, IN. 46550 Title block--1TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star: 30' FKL B-TT	1 of 1	Todd Stahly	<i>[Signature]</i>		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Refrigerator Cabinet	CTT/C/78	6/21/96	6-26		Date:



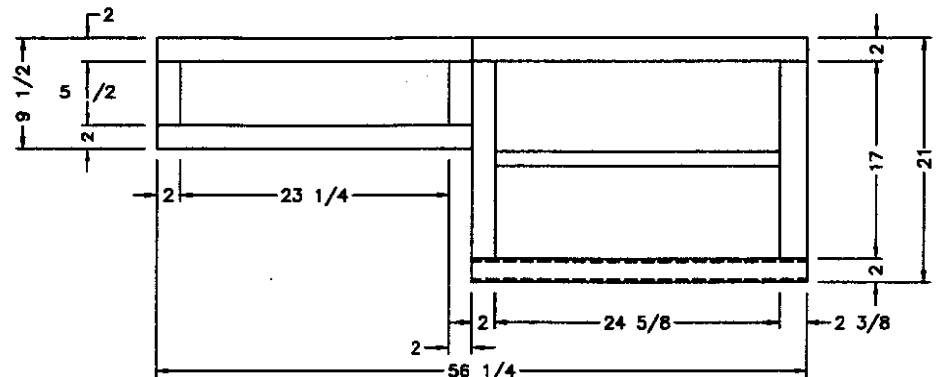
SIDE KITCHEN OVERHEAD W/MICROWAVE

20" DEPTH

12" DEPTH

DOOR LIST:

- (2) 11 1/2x17 1/2 w/OUT MICROWAVE
- (2) 12 1/2x17 1/2



SIDE KITCHEN OVERHEAD W/SPACEMAKER

12" DEPTH

12" DEPTH

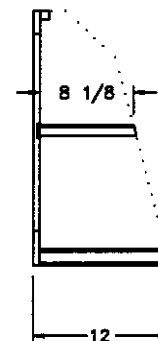
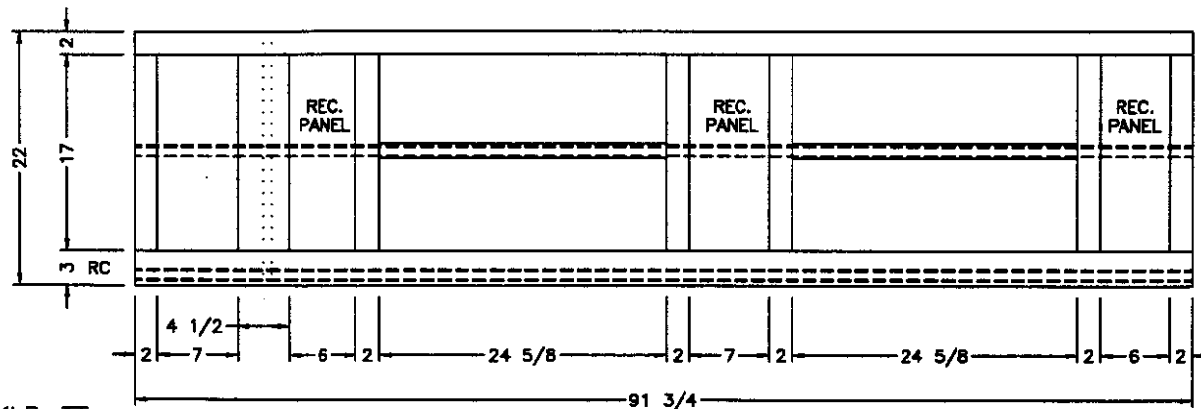
DOOR LIST:

- (2) 12 1/2x17 1/2 Doors
- (1) 24 1/2x6 1/2

REAR KITCHEN OVERHEAD

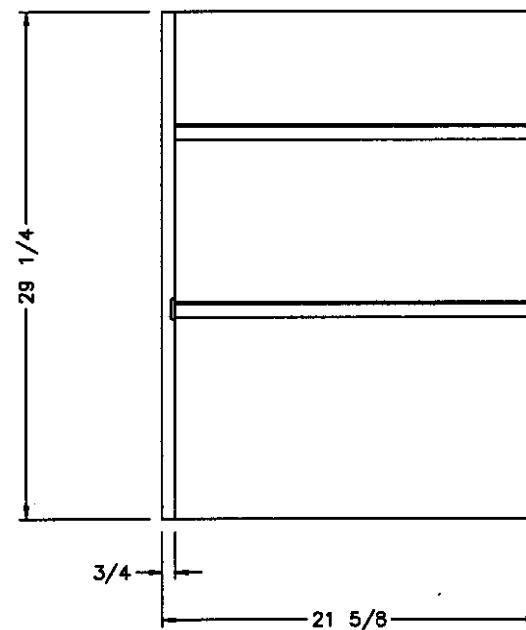
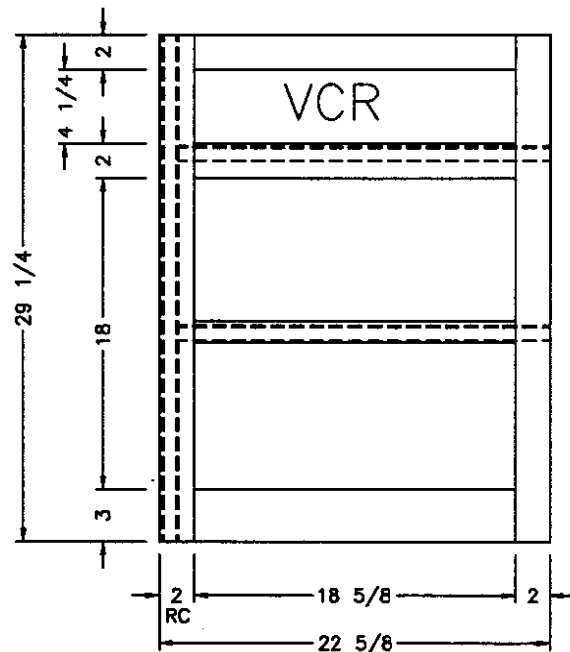
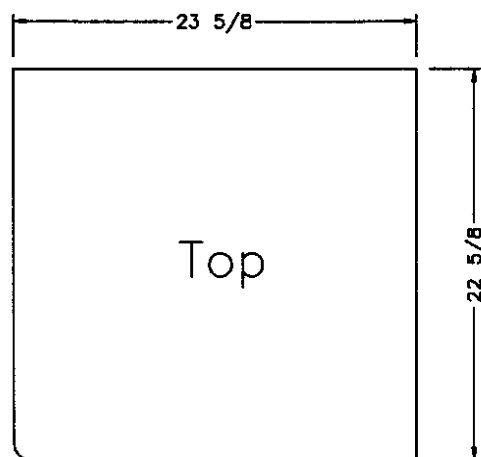
12" DEPTH

- (4) 12 1/2x17 1/2 Doors



Used on:
AS: 30' FKL B-TT
AS: 30' FKR B-TT

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--1TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision: Corrected the door call sizes (97996)	By: WJM
	See Use On List	1 of 2	Todd Stahly	WJM		Date: 10/10/96
	Title:	I.D. #	Date:	Date:	Revision: Changed the door call sizes (97947)	By: Todd
	Front OH & Microwave	cabtt/c/77	6/21/96	10/10		Date: 10/4/96



Used on:

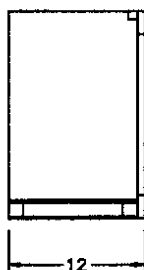
- AS: 30' FKL B-TT
- AS: 30' FKR B-TT
- AS: 32' AK-TT

Door List
(2) 9 1/2x18 1/2

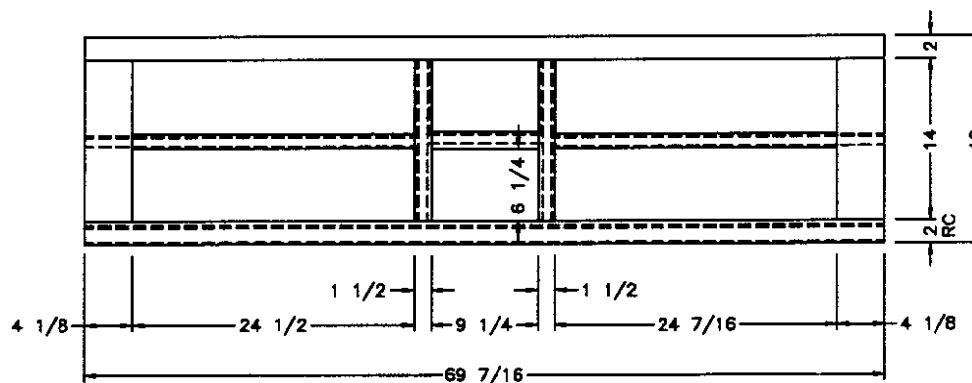
NEWMAR CORP P.O. Box 30, Napponee, IN. 46560 Title block--1-5TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision: Changed the used on list ECO # 347 (971272)	By: Todd
	See used on list	1 of 1	Todd Stahly	WAM		Date: 12/19/96
Entertainment center	Title:	I.D. #	Date:	Date:	Revision: Increased width 1" (97545)	By: Todd
		cobtt/1/73	6/21/96	12-19		Date: 7/26/96

DOOR LIST:

(4) 12 1/2x14 1/2 DEC. GLASS

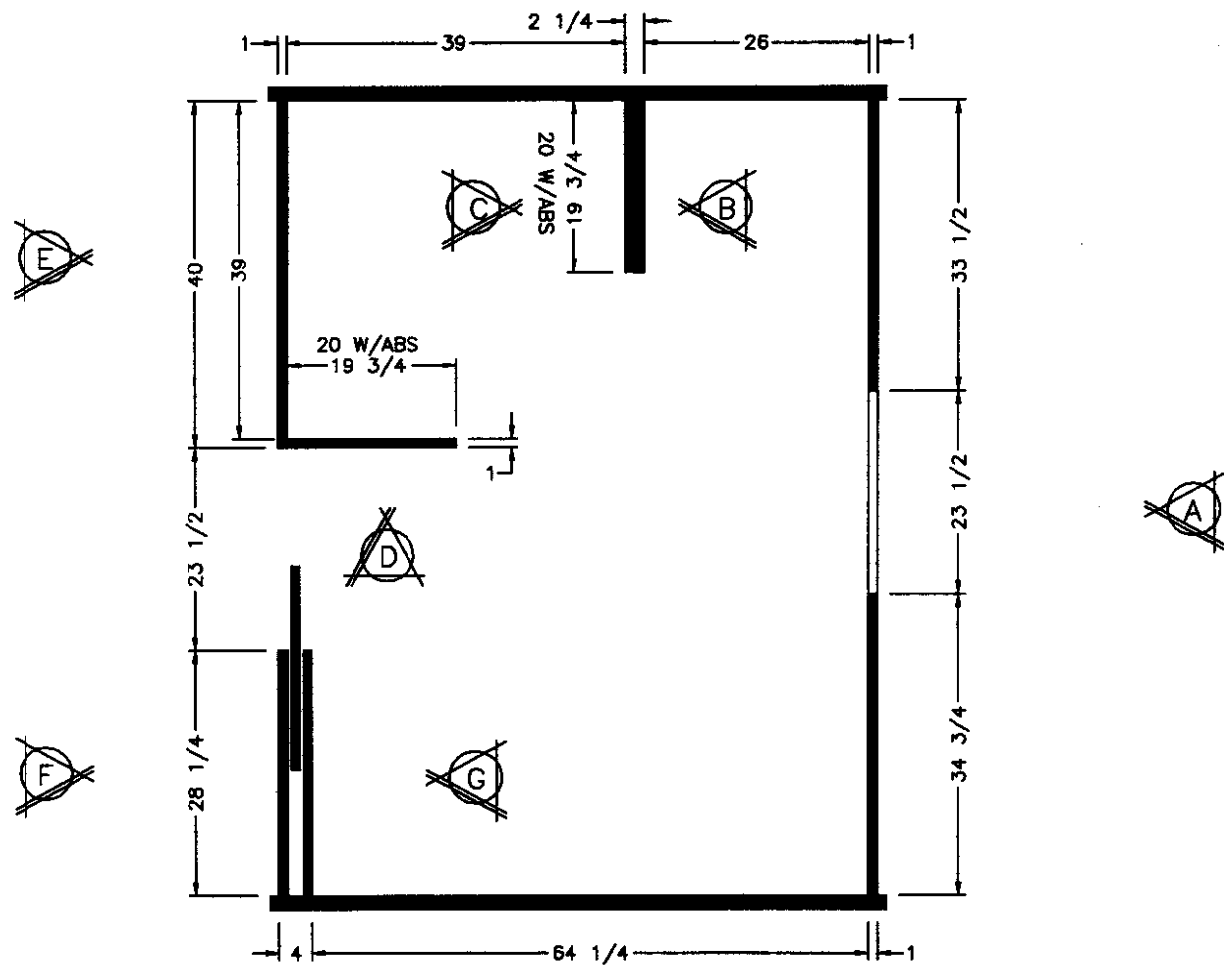


SIDE VIEW



LIVINGROOM OVERHEAD
FRONT VIEW

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--1TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star: 30' FKL B-TT	1 of 1	Todd Stahly	<i>[Signature]</i>		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Sofa overhead	cabtt/1/72	6/21/96	6-26		Date:



NEWMAR CORP
P.O. Box 30,
Napanee, IN. 46550

Title block--75TB

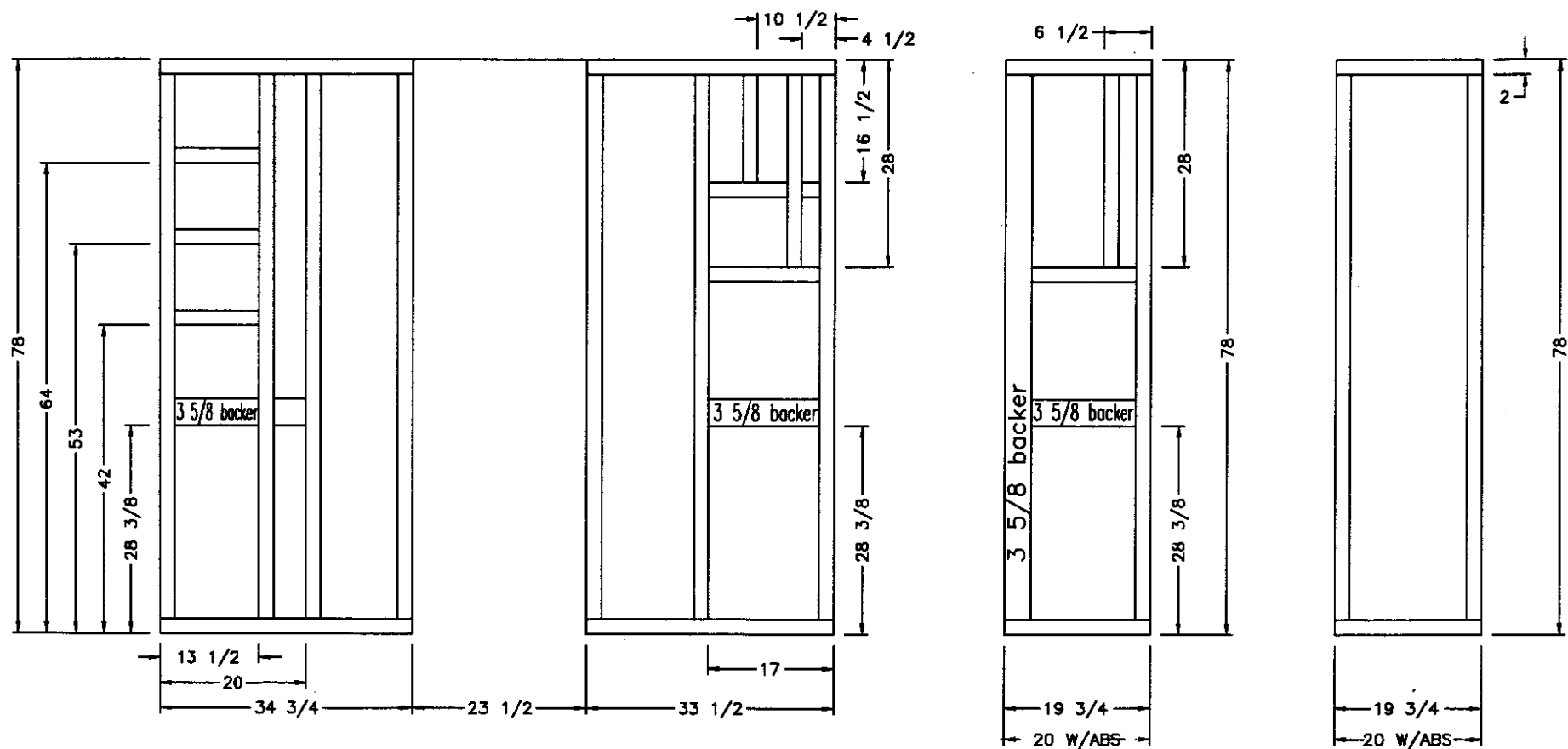
'97 Model:
American Star: 30' FKL-B-TT
Title:
Bath wall layout

Sheet
1 of 3
I.D. #
CTT/A/78

Drawn by:
Todd Stahly
Date:
6/24/96

Checked by:
B
Date:
6-26

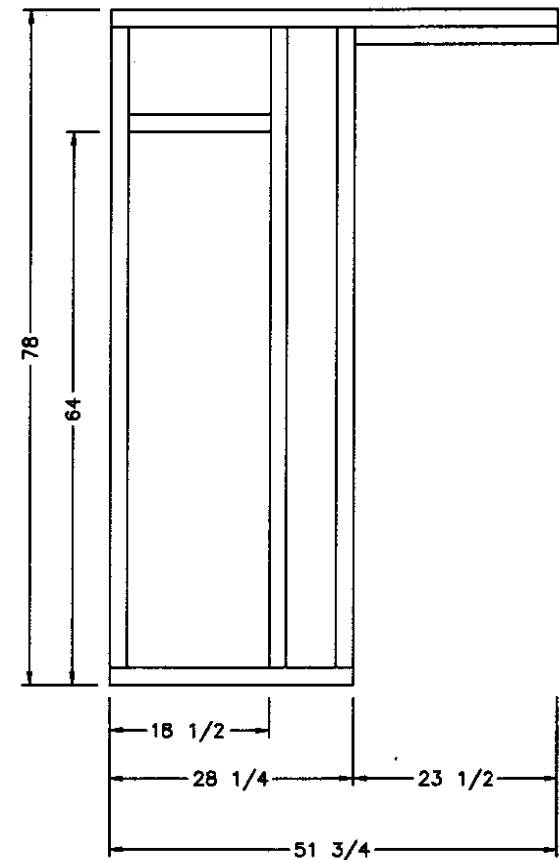
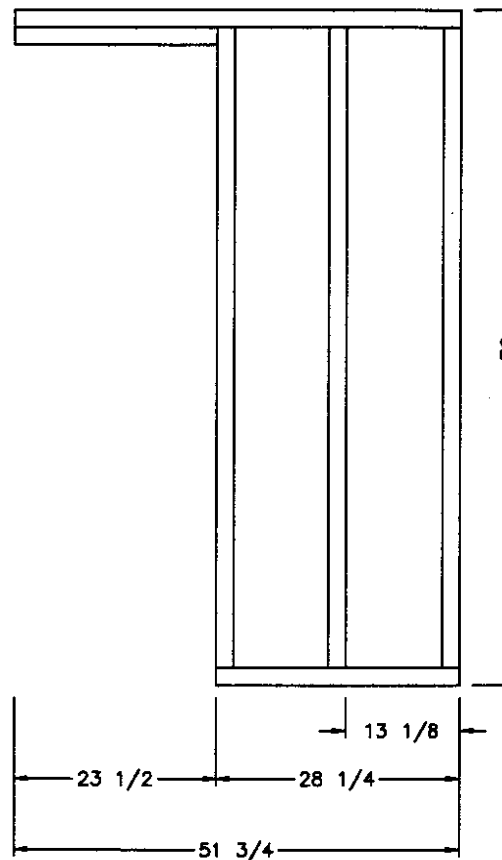
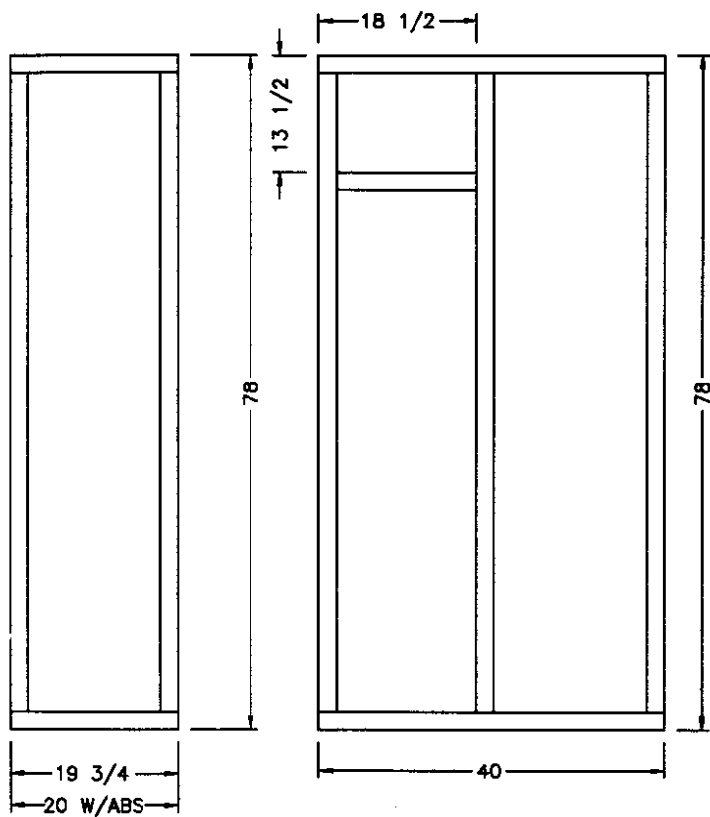
Revision:	By:
	Date:
Revision:	By:
	Date:



All backers are 2" unless otherwise specified



NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--75TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star: 30' FKL-B-TT	2 of 3	Todd Stahly			Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Bath wall detail	CTT/A/78	6/24/96	6-26		Date:



All backers are 2" unless otherwise specified

NEWMAR CORP
P.O. Box 30,
Nappanee, IN. 46550

'97 Model:
American Star: 30' FKL-B-TT

Sheet
3 of 3

Drawn by:
Todd Stahly

Checked by:
[Signature]

Revision:

By:

Title:

I.D. #

Date:

Date:

Revision:

By:

Title block--75TB

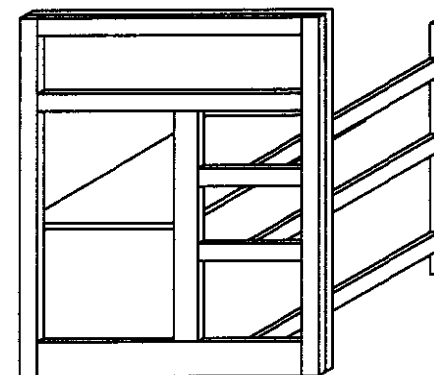
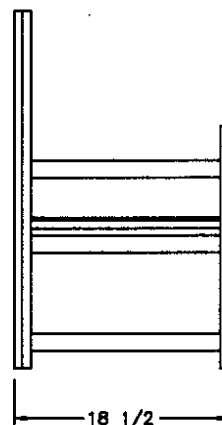
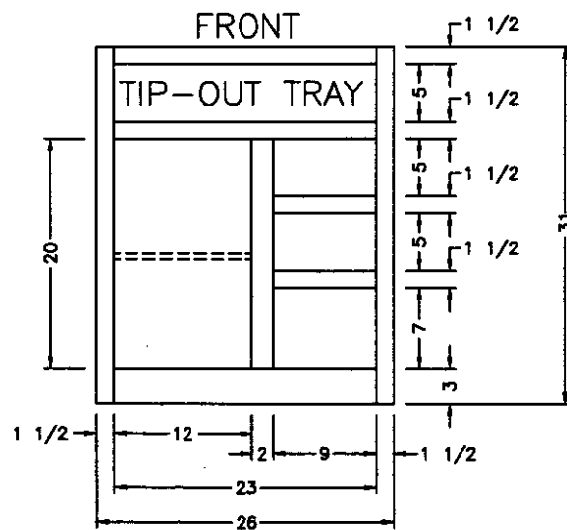
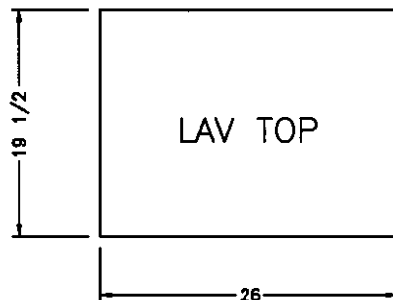
Bath wall detail

CTT/A/78

6/24/96

6-26

Date:

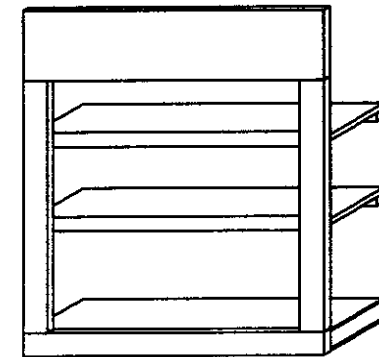
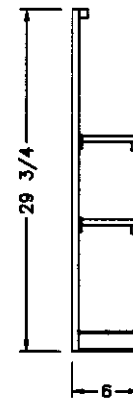
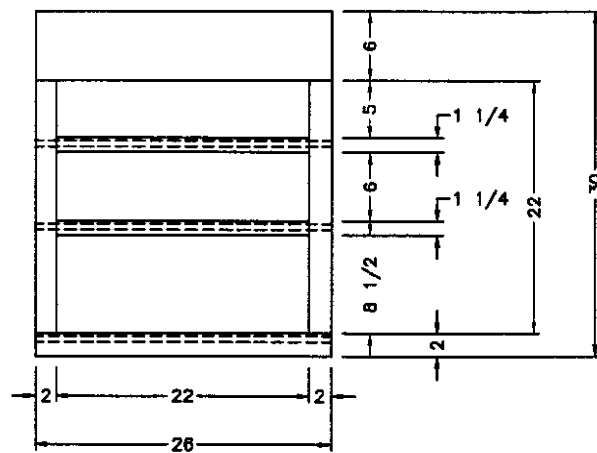


Used on:
AS: 30' FKL B-TT
AS/KS: 32' CFKS-TT

DOOR LIST:
(1) 12 1/2x20 1/2 DOOR
(1) 23 1/2x5 3/4 FRONT
(1) 9 1/2x7 3/4 FRONT
(2) 9 1/2x5 3/4 FRONT

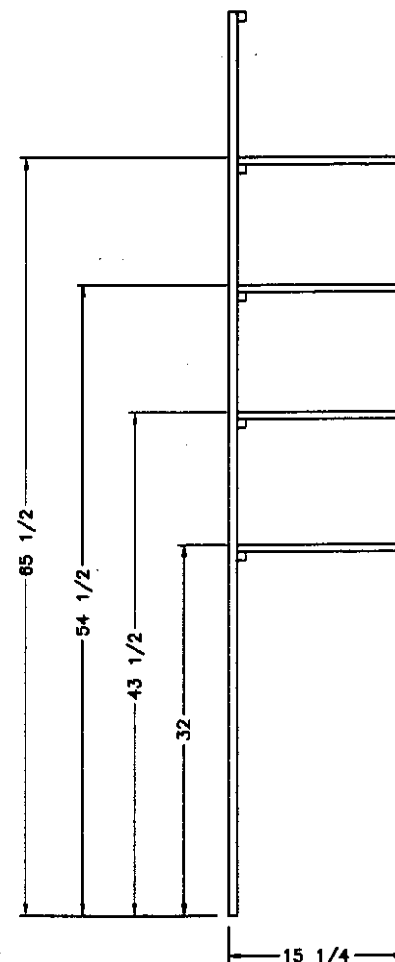
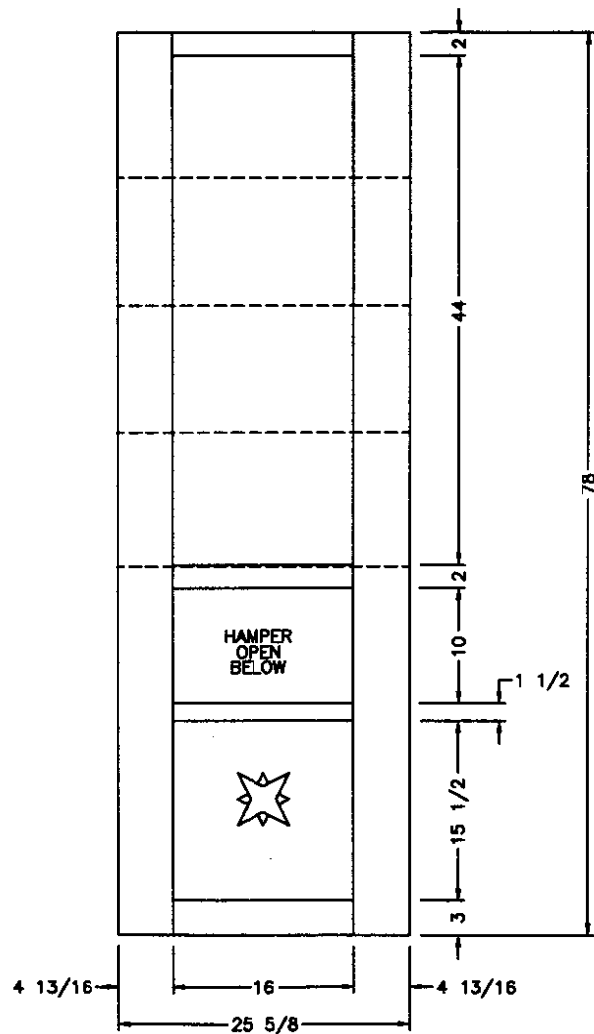
NEWMAR CORP P.O. Box 30, Nappanee, IN. 46560 Title block--1TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	See Used On list	1 of 3	Todd Stahly	<i>TS</i>		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Lavatory Base	CTT/A/72	2/27/96	6-26		Date:

(1) 22 1/2x22 1/2 SPLIT MIRROR DOOR



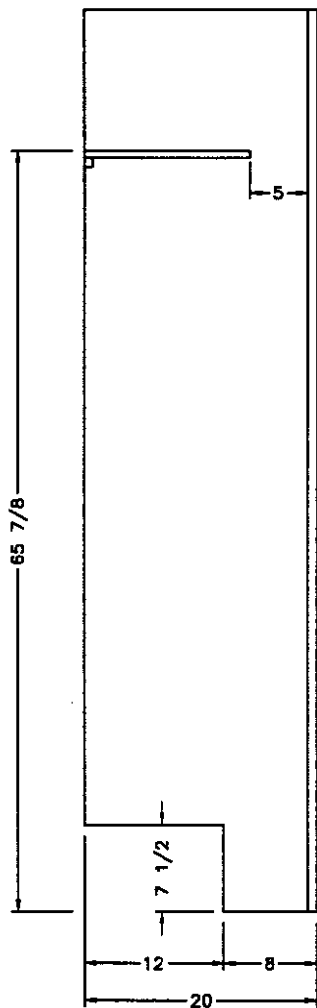
Used On
AS 30' FKL B-TT
AS 32' CFKS-TT

NEWMAR CORP P.O. Box 30, Napppanee, IN. 46550 Title block---1TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	See Used on list	2 of 3	Todd Stahly	<i>TS</i>		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Medicine Cabinet	CTT/A/72	2/27/96	6-26		Date:

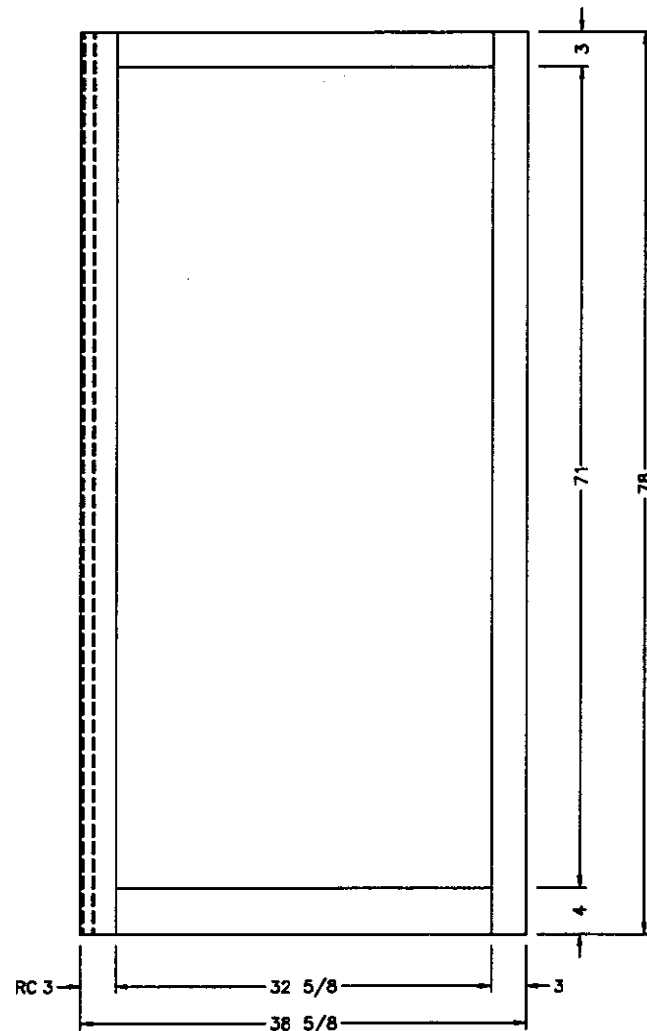


(1) 16 1/2x44 1/2 Door
(1) 16 1/2x10 1/2 Door

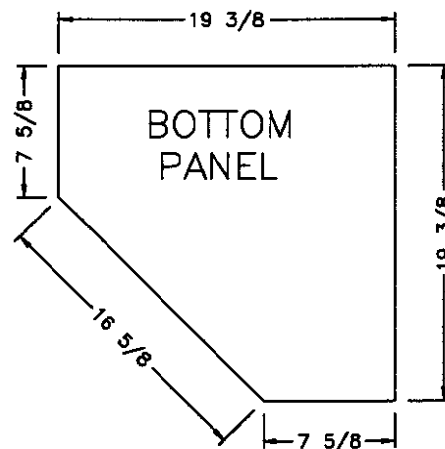
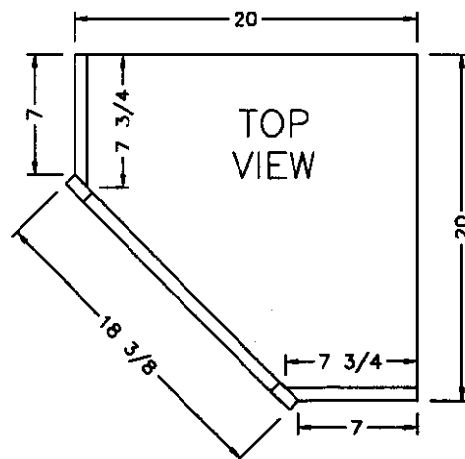
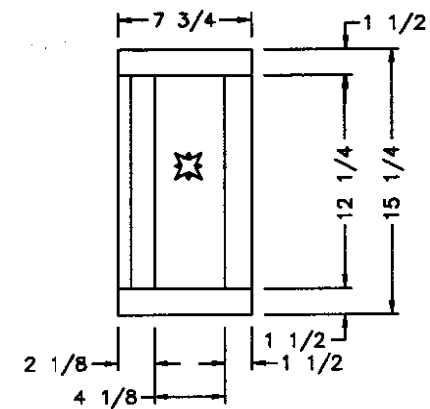
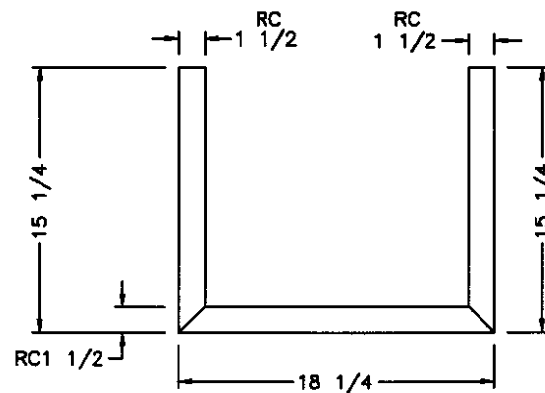
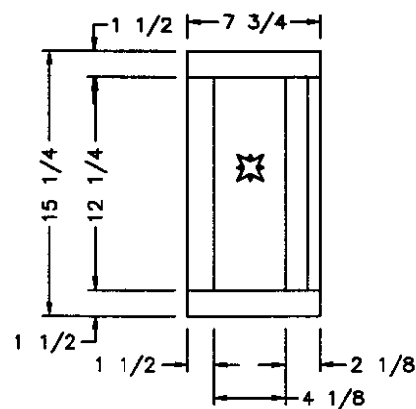
NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--1TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star: 30' FKLB-TT	1 of 1	Todd Stahly	<i>R3</i>		Date:
	Title:	I.O. #	Date:	Date:	Revision:	By:
	Linen & Hamper	CTT/A/77	6/21/96	6-26		Date:



Door list
(2) 16 1/2x71 1/2 Mirror Doors



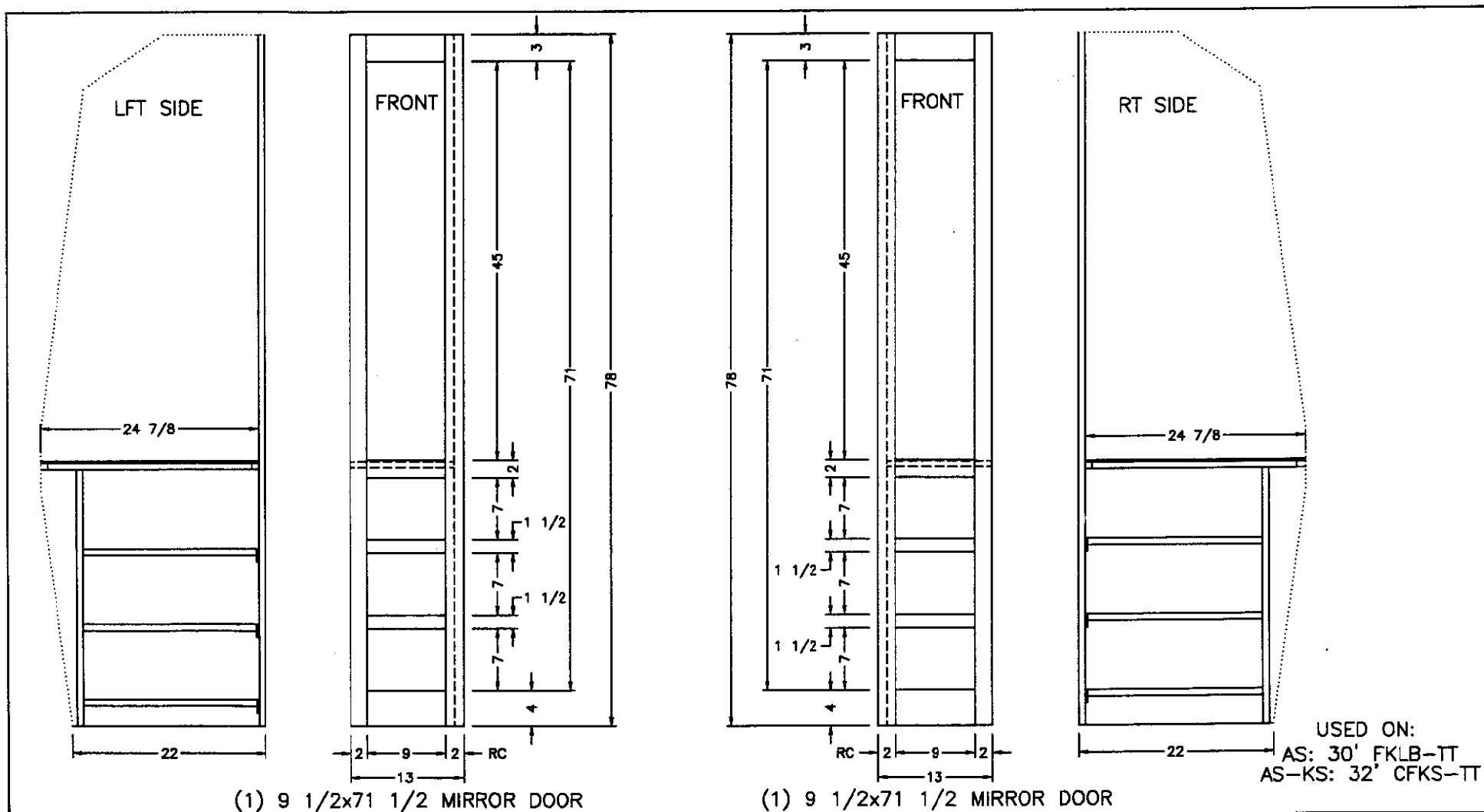
NEWMAR CORP P.O. Box 30, Napponee, IN. 46550 Title block---1TB	'97 Model: American Star: 30' FKL B-TT Title: Wardrobe	Sheet 1 of 1 I.D. # ctt/w/77	Drawn by: Todd Stahly Date: 6/21/96	Checked by: [Signature] Date: 6-26	Revision: Revision: 	By: By: Date:
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☆ = FABRIC

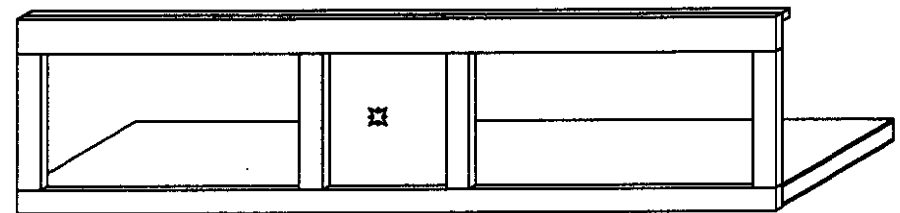
USED ON:
AS: 30' FKL-B-TT
AS-KS: 32' CFKS-TT
AS-KS: 32' RBSB-TT

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46560 Title block--1-5TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision: Revised the height of the cabinet from 14 3/4 to 15 1/4.	By: Mike
	See Used On List	1 of 1	Todd Stahly	<i>[Signature]</i>		Date: 3/19
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Corner cabinet for 13" TV	CTT/B/71	2/28/96	6-86		Date:

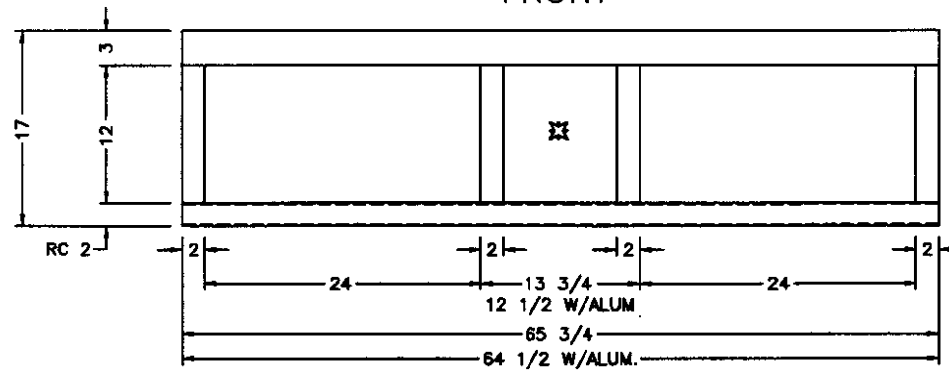


USED ON:
AS: 30' FKL-B-TT
AS-KS: 32' CFKS-TT

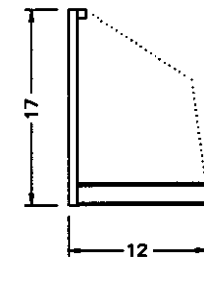
NEWMAR CORP P.O. Box 30, Napponee, IN. 46550 Title block--1TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	See Used On List	1 of 2	Todd Stahly	<i>TS</i>		Date:
Title: Bedroom Shirt Wardrobe CTT/B/72	I.D. #	Date:	Date:	6-26	Revision:	By:
		2/28/96				Date:



FRONT



RT SIDE



(2) 24 1/2x12 1/2 DOORS

USED ON:
AS: 30' FKL B-TT
AS-KS: 32' CFKS-TT

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--1TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	See Used On List	2 of 2	Todd Stahly	<i>RS</i>		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Rear Overhead Cabinet	CTT/B/72	2/28/96	6-26		Date:

ELECTRICAL SYMBOLS

	WATER HEATER		30 AMP BREAKER BOX 50 AMP OPTION
	110V CEILING FAN		CONVERTER
	AIR CONDITIONER		12V DISTRIBUTION PANEL
	POWER CORD		12V STORAGE BATTERY
	110 V SWITCH		110V RECEPT
	110V LIGHT		COMP. GFI BREAKER & RECEPT
			110V JUNCTION BOX

NOTES:

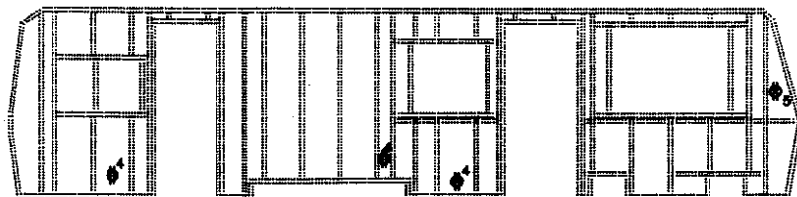
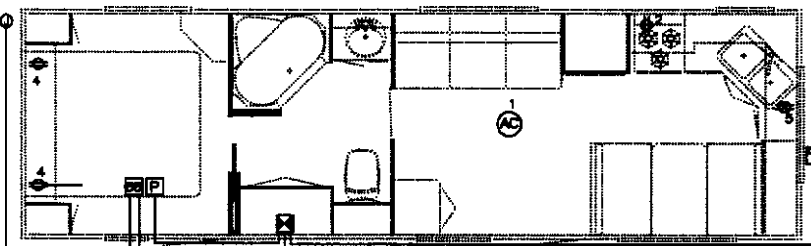
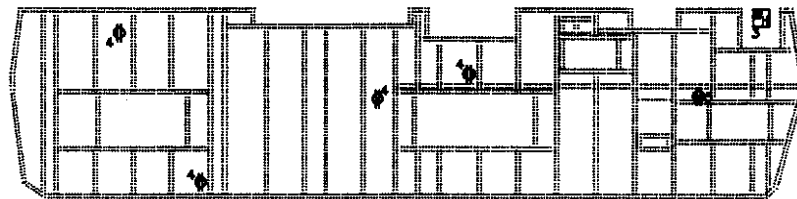
- SOME ITEMS SHOWN MAY BE OPTIONAL.
- CLOSET LITES MAY HAVE INTEGRAL SWITCHES
- W/SECOND AIR OPTION ON 50A. SERVICE, INSTALL 20A. BREAKER IN #3 POSITION AND MOVE ALL CIRCUITS DOWN ONE POSITION.
- ALL PRE-WIRE FOR AIR SHALL USE 20A. BREAKER AT DISTRIBUTION PANEL.
- ALL BREAKERS SHALL BE HACR TYPE
- ALL A/C SHALL ACCEPT HACR BREAKERS
- DIST. PANEL WORKING CLEARANCE 24W X 22D MIN.

BREAKER SCHEDULE:
 40 A. CONVERTOR/40 A. BREAKER
 50 A. CONVERTOR/2-30 A. BREAKERS
 75 A. CONVERTOR/2-40 A. BREAKERS

 #8 STRND. FROM BAT. TO DIST. PNL. 40A. BREAKER W/18" OF BATTERY

CIRCUIT	WIRE SIZE	VOLTS	FUSE BREAKER	LOAD
1	12/2 W/GR	110/120	20 AMP HACR	AIR CONDITIONER
2	14/2 W/GR	110/120	15 AMP HACR	MICROWAVE
3	14/2 W/GR	110/120	15 AMP HACR	WATER HEATER
4	14/2 W/GR	110/120	15 AMP HACR	LITES
5	14/2 W/GR	110/120	15 AMP HACR	APPLIANCE CIRCUIT
6	14/2 W/GR	110/120	15 AMP HACR	GENERAL
7	14/2 W/GR	110/120	15 AMP HACR	GENERAL
8	12/2 W/GR	110/120	20 AMP HACR	DRYER
9	14/2 W/GR	110/120	15 AMP HACR	WASHER

50 AMP OPTION



NEWMAR CORP
 P.O. Box 30,
 Napanee, IN. 46550

Title block--ELECTB

'97 Model:
 American Star: 30' FKLB-TT
 Title:
 110 Volt wiring specifications

Sheet
 2 of 4
 I.D. #
 co/e/7t30fklb

Drawn by:
 Todd Stahly
 Date:
 6/24/96

Checked by:
 Date:

Revision:
 Revision:

By:
 Date:
 By:
 Date:

ELECTRICAL SYMBOLS

	WATER HEATER		30 AMP BREAKER BOX 50 AMP OPTION
	110V CEILING FAN		CONVERTER
	AIR CONDITIONER		12V DISTRIBUTION PANEL
	POWER CORD		12V STORAGE BATTERY
	110 V SWITCH		110V RECEPT
	110V LIGHT		COMP. GFI BREAKER & RECEPT
			110V JUNCTION BOX

NOTES:

- 1) SOME ITEMS SHOWN MAY BE OPTIONAL
- 2) CLOSET LITES MAY HAVE INTEGRAL SWITCHES
- 3) W/SECOND AIR OPTION ON 50A. SERVICE, INSTALL 20A. BREAKER IN #3 POSITION AND MOVE ALL CIRCUITS DOWN ONE POSITION.
- 4) ALL PRE-WIRE FOR AIR SHALL USE 20A. BREAKER AT DISTRIBUTION PANEL
- 5) ALL BREAKERS SHALL BE HACR TYPE
- 6) ALL A/C SHALL ACCEPT HACR BREAKERS
- 7) DIST. PANEL WORKING CLEARANCE 24" X 22" MIN.

BREAKER SCHEDULE:
 40 A. CONVERTOR/40 A. BREAKER
 50 A. CONVERTOR/2-30 A. BREAKERS
 75 A. CONVERTOR/2-40 A. BREAKERS

#8 STRND. FROM BAT. TO DIST. PNL.
 40A. BREAKER W/18" OF BATTERY

CIRCUIT	WIRE SIZE	VOLTS	FUSE BREAKER	LOAD
1	12/2 W/GR	110/120	20 AMP HACR	AIR CONDITIONER
2	14/2 W/GR	110/120	15 AMP HACR	MICROWAVE
3	14/2 W/GR	110/120	15 AMP HACR	WATER HEATER
4	14/2 W/GR	110/120	15 AMP HACR	LITES
5	14/2 W/GR	110/120	15 AMP HACR	APPLIANCE CIRCUIT
6	14/2 W/GR	110/120	15 AMP HACR	KITCHEN RECEPT

NEWMAR CORP
 P.O. Box 30,
 Nappanee, IN. 46550

'97 Model:
 American Star: 30' FKLb-TT
 Title:
 CSA 30 Amp wiring specifications

Sheet
 3 of 4
 I.D. #
 co/e/7t30fklb

Drawn by:
 Todd Stahly
 Date:
 6/24/96

Checked by:
 Date:

Revision:
 Revision:

By:
 Date:
 By:
 Date:

Title block---ELECTB

ELECTRICAL SYMBOLS

 WATER HEATER	 30 AMP BREAKER BOX 50 AMP OPTION
 110V CEILING FAN	 CONVERTER
 AIR CONDITIONER	 12V DISTRIBUTION PANEL
 POWER CORD	 12V STORAGE BATTERY
 110 V SWITCH	 110V RECEPT
 110V LIGHT	 COMP. GFI BREAKER & RECEPT
	 110V JUNCTION BOX

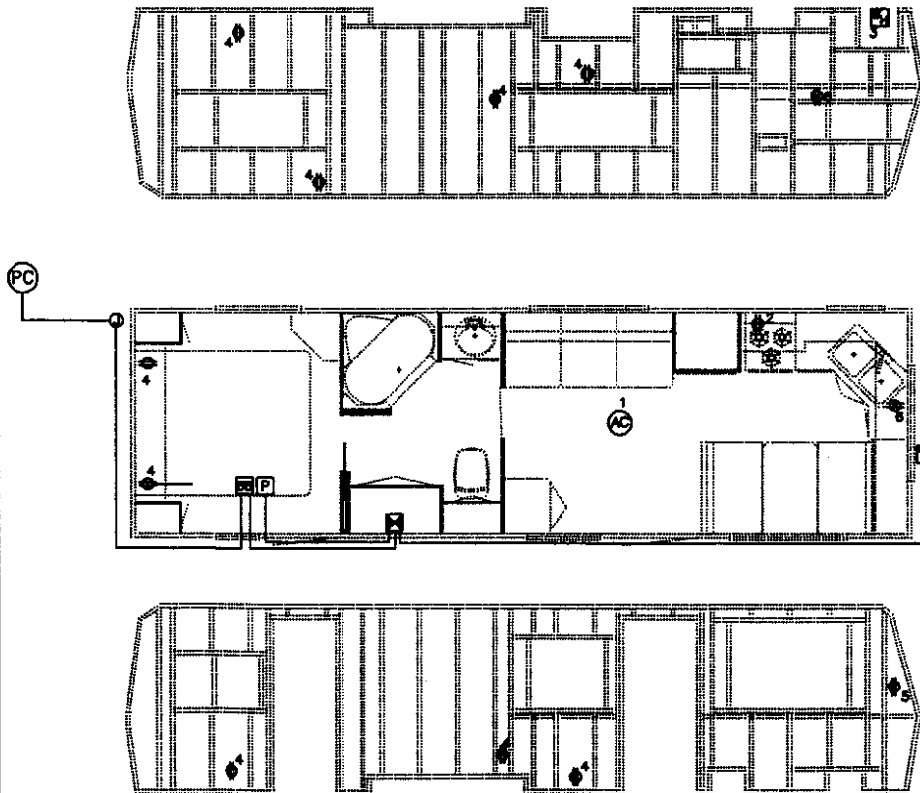
NOTES:

- 1) SOME ITEMS SHOWN MAY BE OPTIONAL
- 2) CLOSET LITES MAY HAVE INTEGRAL SWITCHES
- 3) W/SECOND AIR OPTION ON 50A. SERVICE, INSTALL 20A. BREAKER IN #3 POSITION AND MOVE ALL CIRCUITS DOWN ONE POSITION.
- 4) ALL PRE-WIRE FOR AIR SHALL USE 20A. BREAKER AT DISTRIBUTION PANEL
- 5) ALL BREAKERS SHALL BE HACR TYPE
- 6) ALL A/C SHALL ACCEPT HACR BREAKERS
- 7) DIST. PANEL WORKING CLEARANCE 24W X 22D MIN.

BREAKER SCHEDULE:
 40 A. CONVERTOR/40 A. BREAKER
 50 A. CONVERTOR/2-30 A. BREAKERS
 75 A. CONVERTOR/2-40 A. BREAKERS

 #8 STRND. FROM BAT. TO DIST. PNL.
 40A. BREAKER W/18" OF BATTERY

CIRCUIT	WIRE SIZE	VOLTS	FUSE BREAKER	LOAD
1	12/2 W/GR	110/120	20 AMP HACR	AIR CONDITIONER
2	14/2 W/GR	110/120	15 AMP HACR	MICROWAVE
3	14/2 W/GR	110/120	15 AMP HACR	WATER HEATER
4	14/2 W/GR	110/120	15 AMP HACR	LITES
5	14/2 W/GR	110/120	15 AMP HACR	APPLIANCE CIRCUIT
6	14/2 W/GR	110/120	15 AMP HACR	KITCHEN RECEPT
7	14/2 W/GR	110/120	15 AMP HACR	KITCHEN RECEPT
8	14/2 W/GR	110/120	15 AMP HACR	GENERAL
9	14/2 W/GR	110/120	15 AMP HACR	GENERAL
10	14/2 W/GR	110/120	15 AMP HACR	GENERAL



NEWMAR CORP
 P.O. Box 30,
 Napanee, IN. 45550

'97 Model:
 American Star: 30' FKL-B-TT
 Title:
 CSA 50 Amp wiring specifications

Sheet
 4 of 4
 I.D. #
 co/e/7t30fklb

Drawn by:
 Todd Stahly
 Date:
 6/24/96

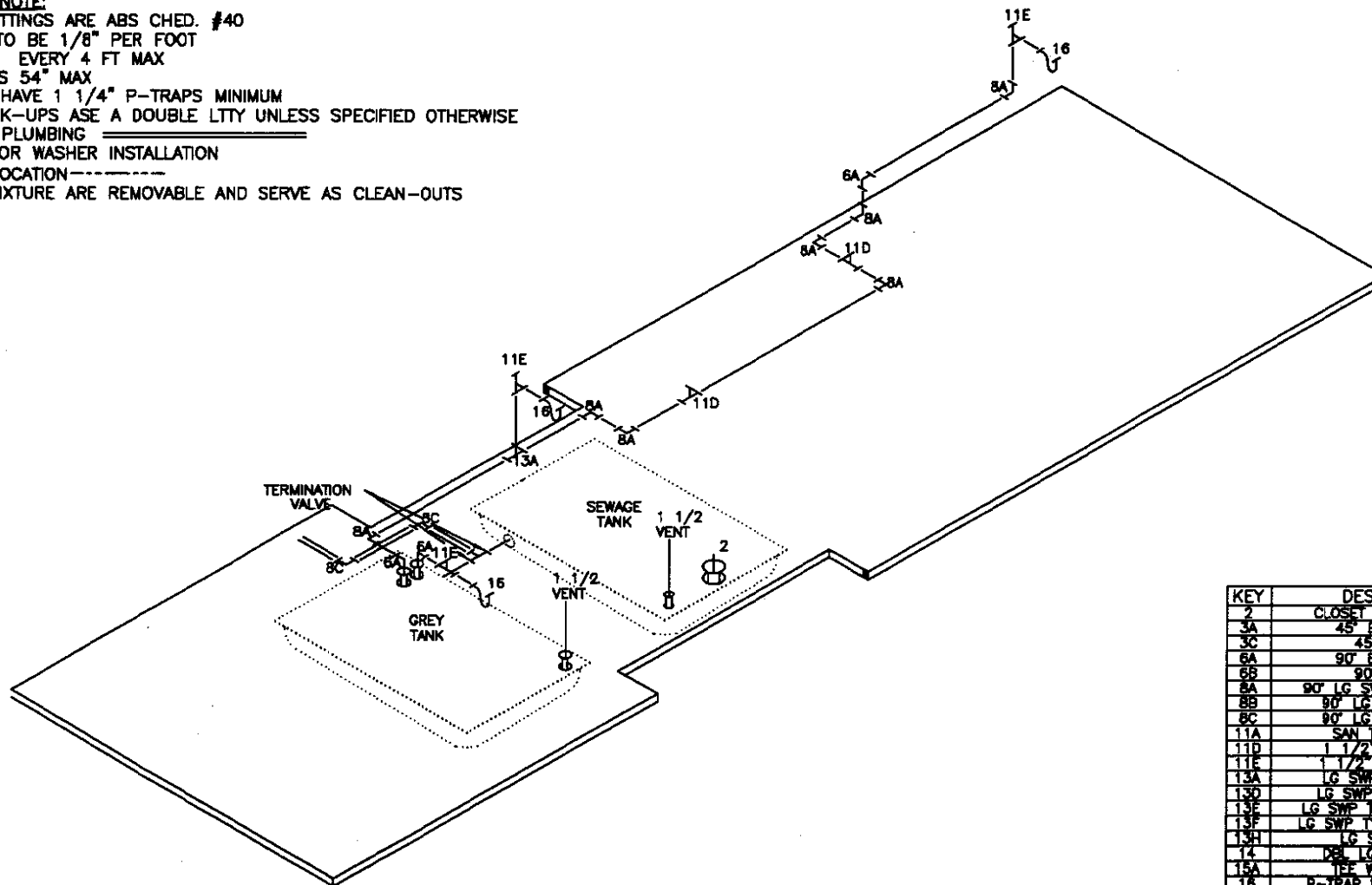
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 Date:

Revision:
 Revision:

By:
 Date:
 By:
 Date:

Title block--ELECTB

NOTE:
 ALL PIPE & FITTINGS ARE ABS CHED. #40
 DRAIN GRADE TO BE 1/8" PER FOOT
 SUPPORT PIPE EVERY 4 FT MAX
 ALL TRAP ARMS 54" MAX
 ALL FIXTURES HAVE 1 1/4" P-TRAPS MINIMUM
 ALL TANK HOOK-UPS ARE A DOUBLE LTTY UNLESS SPECIFIED OTHERWISE
 BELOW FLOOR PLUMBING
 SEE TYPICAL FOR WASHER INSTALLATION
 BATH FLOOR LOCATION-----
 ALL P-TRAP FIXTURE ARE REMOVABLE AND SERVE AS CLEAN-OUTS



KEY	DESCRIPTION
2	CLOSET FLANGE-4 X3"
3A	45° ELL-1 1/2"
3C	45° ELL-3"
6A	90° ELL-1 1/2"
6B	90° ELL-2"
8A	90° LG SWP ELL-1 1/2"
8B	90° LG SWP ELL-2"
8C	90° LG SWP ELL-3"
11A	SAN TEE-1 1/2"
11D	1 1/2" CLEAN OUT
11E	1 1/2" CHECK VENT
13A	LG SWP TY-1 1/2"
13B	LG SWP TY-3 X2 X3
13E	LG SWP T-2 X2 X1 1/2"
13F	LG SWP TY-2 X1 1/2 X2"
13H	LG SWP TY-3"
14	DEL LG SWP TY-3"
15A	TEE WYE-1 1/2"
16	P-TRAP W/UNION JOINT

NEWMAR CORP
 P.O. Box 30,
 Napanee, IN. 46560

'97 Model:
 American Star: 30' FKLB-TT
 Title:
 Drain plumbing

Sheet
 1 of 3
 I.D. #
 co/c/7t30fklb

Drawn by:
 Todd Stahly
 Date:
 6/24/96

Checked by:
 /
 Date:

Revision:
 By:
 Date:
 Revision:
 By:
 Date:

Title block--375TB

NOTE:

SHUT-OFF VALVES ARE WITHIN 5' OF APPLIANCES ON PARK TRAILERS

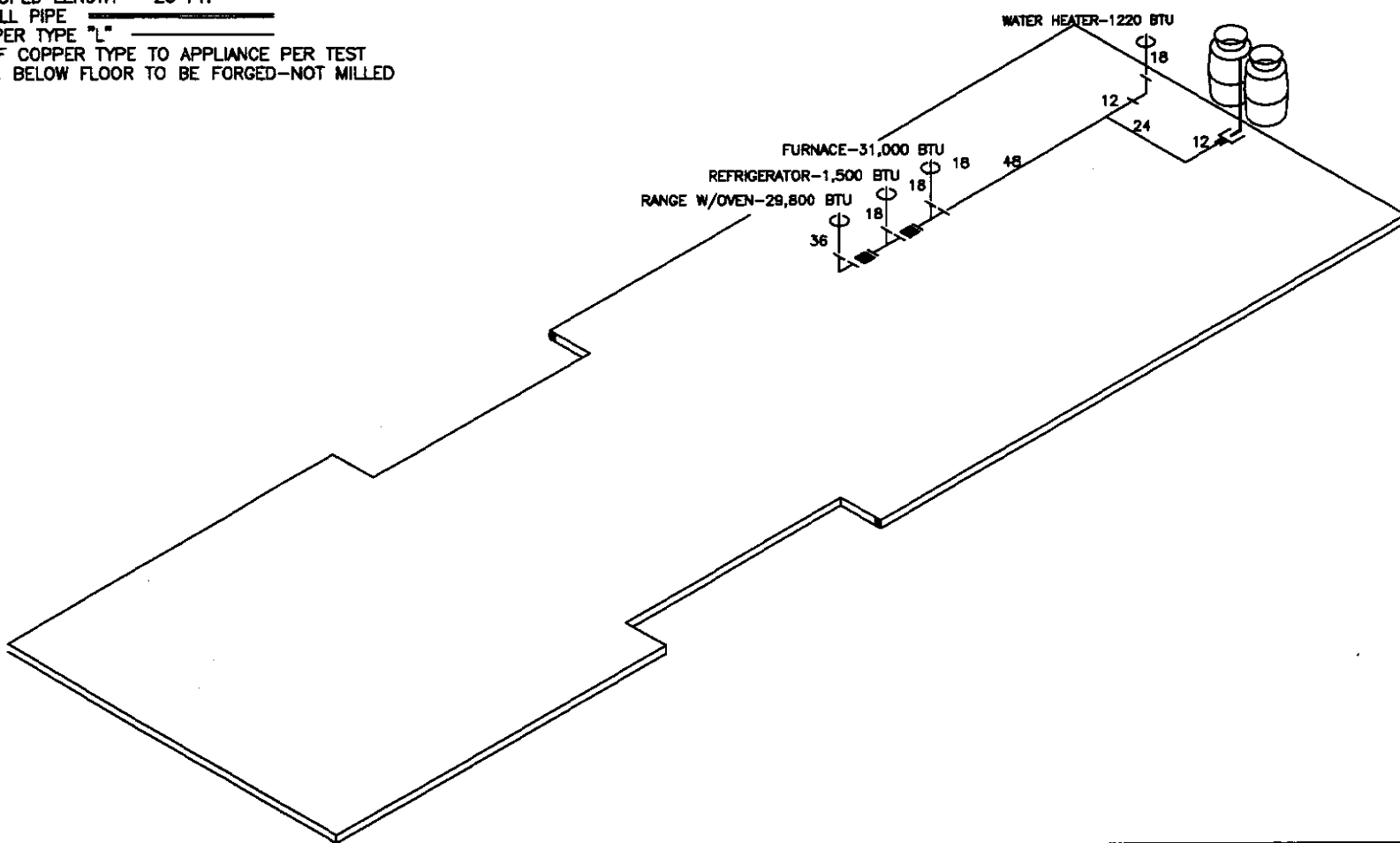
MAXIMUM DEVELOPED LENGTH - 23 FT.

1/2" BLACK MALL PIPE

3/8" O.D. COPPER TYPE "L"

MAX. LENGTH OF COPPER TYPE TO APPLIANCE PER TEST

ALL BRASS FITT. BELOW FLOOR TO BE FORGED-NOT MILLED

**NEWMAR CORP**P.O. Box 30,
Nappanee, IN. 46560

Title block---375TB

'97 Model:

American Star: 30' FKL B-TT

Title:

Gas lines

Sheet

2 of 3

I.D. #

co/c/7t30fklb

Drawn by:

Todd Stahly

Date:

6/24/96

Checked by:

Date:

Revision:

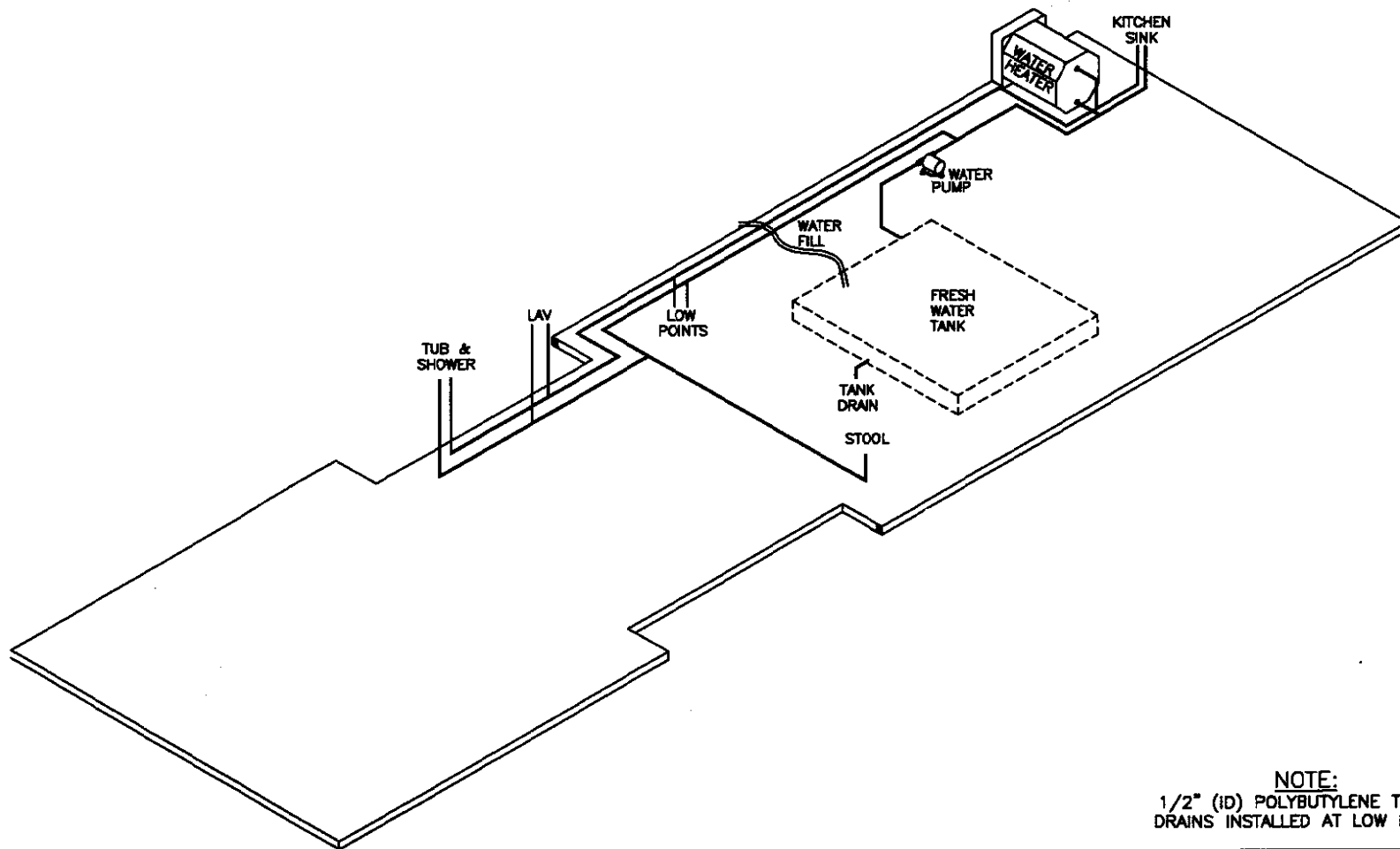
Revision:

By:

Date:

By:

Date:



NOTE:
1/2" (ID) POLYBUTYLENE TUBING
DRAINS INSTALLED AT LOW POINTS

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--375TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star: 30' FKLB-TT	3 of 3	Todd Stahly			Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Pressure plumbing	co/c/7t30fklb	6/24/96			Date:

ELECTRICAL SYMBOLS

	TUBE LITE		COMPLEXION LITE
	12V LIGHT		110V JUNCTION BOX
	12V SWITCH		DOUBLE FLORESCENT LITE
	12V RECEPT		30 AMP BREAKER BOX
	WATER PUMP		50 AMP OPTION
	WATER HEATER		CONVERTER
	12V RANGE HOOD		12V DISTRIBUTION PANEL
	FURNACE		12V STORAGE BATTERY
	12V FAN VENT		POWER CORD

NOTES:

- 1) SOME ITEMS SHOWN MAY BE OPTIONAL.
- 2) CLOSET LITES MAY HAVE INTEGRAL SWITCHES
- 3) W/SECOND AIR OPTION ON 50A. SERVICE, INSTALL 20A. BREAKER IN #3 POSITION AND MOVE ALL CIRCUITS DOWN ONE POSITION.
- 4) ALL PRE-WIRE FOR AIR SHALL USE 20A. BREAKER AT DISTRIBUTION PANEL.
- 5) ALL BREAKERS SHALL BE HACR TYPE.
- 6) ALL A/C SHALL ACCEPT HACR BREAKERS
- 7) DIST. PANEL WORKING CLEARANCE 24W X 22D MIN.

BREAKER SCHEDULE:

40 A. CONVERTOR/40 A. BREAKER
50 A. CONVERTOR/2-30 A. BREAKERS
75 A. CONVERTOR/2-40 A. BREAKERS

#8 STRND. FROM BAT. TO DIST. PNL.
40A. BREAKER
W/18" OF BATTERY

A	# 12 STRANDED	12	20 AMP	TV-STEREO
B	# 12 STRANDED	12	20 AMP	BEDROOMS
C	# 12 STRANDED	12	20 AMP	BATHROOM
D	# 12 STRANDED	12	20 AMP	KITCHEN
E	# 12 STRANDED	12	20 AMP	LIVINGROOM
F	# 12 STRANDED	12	20 AMP	FURNACES
G	# 12 STRANDED	12	20 AMP	SLIDE OUT LIGHTS
H	# 12 STRANDED	12	20 AMP	SLIDE OUT MOTOR
I	# 12 STRANDED	12	7.5 AMP	FANTASTIC VENT
J	# 12 STRANDED	12	20 AMP	SEC.LIGHTS-WATER HTR.

NEWMAR CORP
P.O. Box 30,
Nappanee, IN. 46560

Title block--ELECTB

'97 Model:
American Star: 30' FKLb-TT
Title:
12 Volt wiring specifications

Sheet
1 of 4
I.D. #
co/e/7t30fklb

Drawn by:
Todd Stahly
Date:
6/24/96

Checked by:
Date:

Revision:
Revision:

By:
Date:
By:
Date: