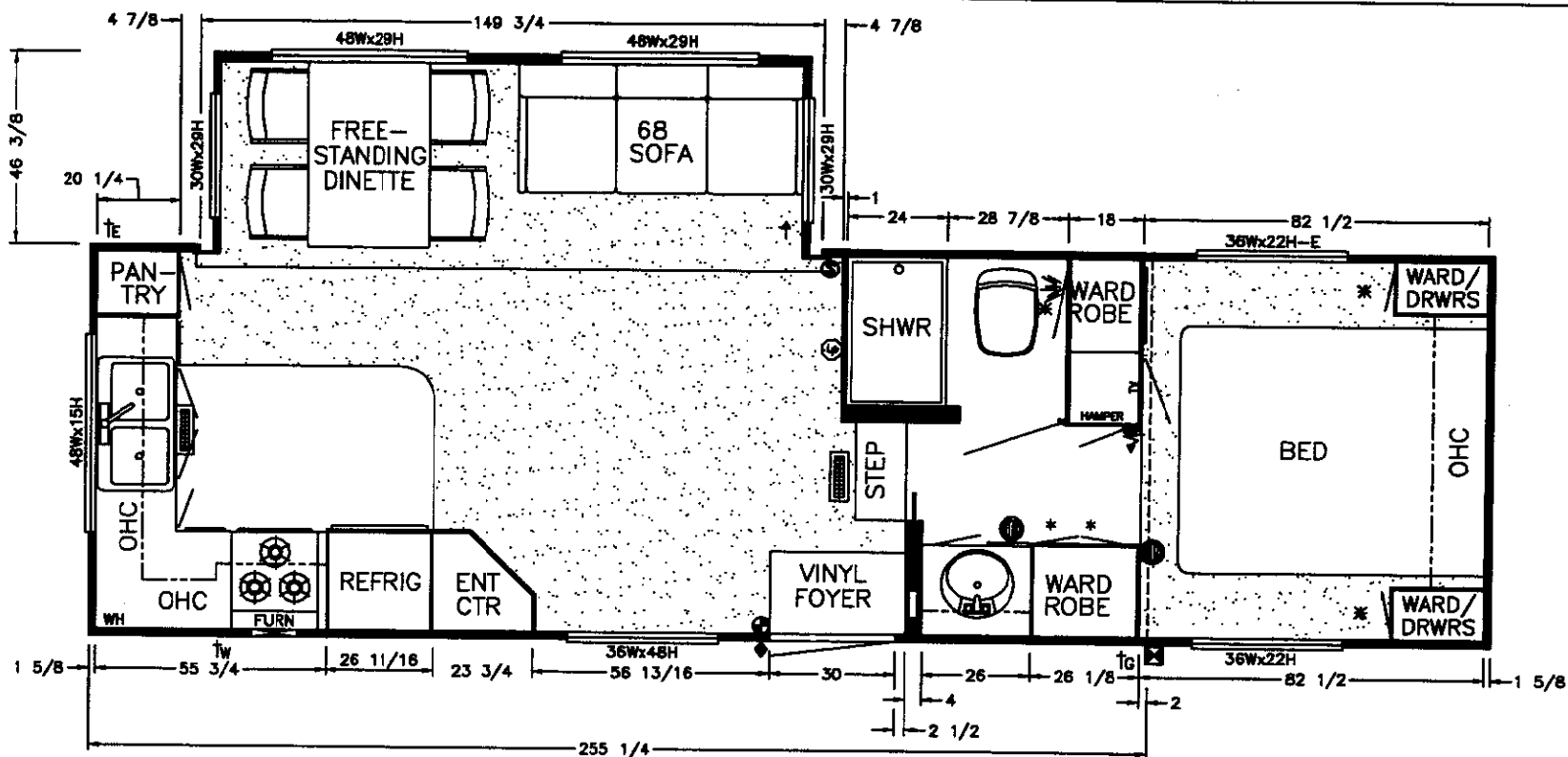




Ⓐ Denotes the zero point of the frame.

SYMBOLS

- Ⓐ - LP DETECTOR
- Ⓐ - THERMOSTAT
- Ⓐ - CITY WATER
- Ⓐ - SEWAGE DRAIN
- Ⓐ - SMOKE DETECTOR
- Ⓐ - FIRE EXTINGUISHER (5 BC MIN)
- Ⓐ - INSIGNIAS (STATE & RVIA)
- Ⓐ - C.O. DETECTOR
- Ⓐ - MIRRORED WARDROBE
- Ⓐ - WARM AIR REGISTER
- Ⓐ - ELECTRICAL PANEL
- Ⓐ - WATER INLET
- Ⓐ - GAS INLET
- Ⓐ - ELECTRICAL INLET
- Ⓐ - EGRESS
- Ⓐ - CONVERTER

NOTE
ALL WALLS, PARTITIONS, & CEILING HAVE
CLASS "C" (200) FLAME SPREAD RATING

ALL INTERIOR PASSAGE DOORS ARE NON-LOCKING

Overall length: 29'-8"
Overall width: 95"
Interior width: 91 3/4"
Square footage: 269 sq. ft.
Awning size: 14 ft.

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

'97 Model:
American Star 29' WRKD-FW

Title:
Floor Plan

Sheet
1 of 6

I.D. #
P/7f29wrkd

Drawn by:
Mike Walter

Date:
4/24/96

Checked by:
[Signature]

Date:
10/4/96

Revision: Relocated registers again. (PCR 97-1041)

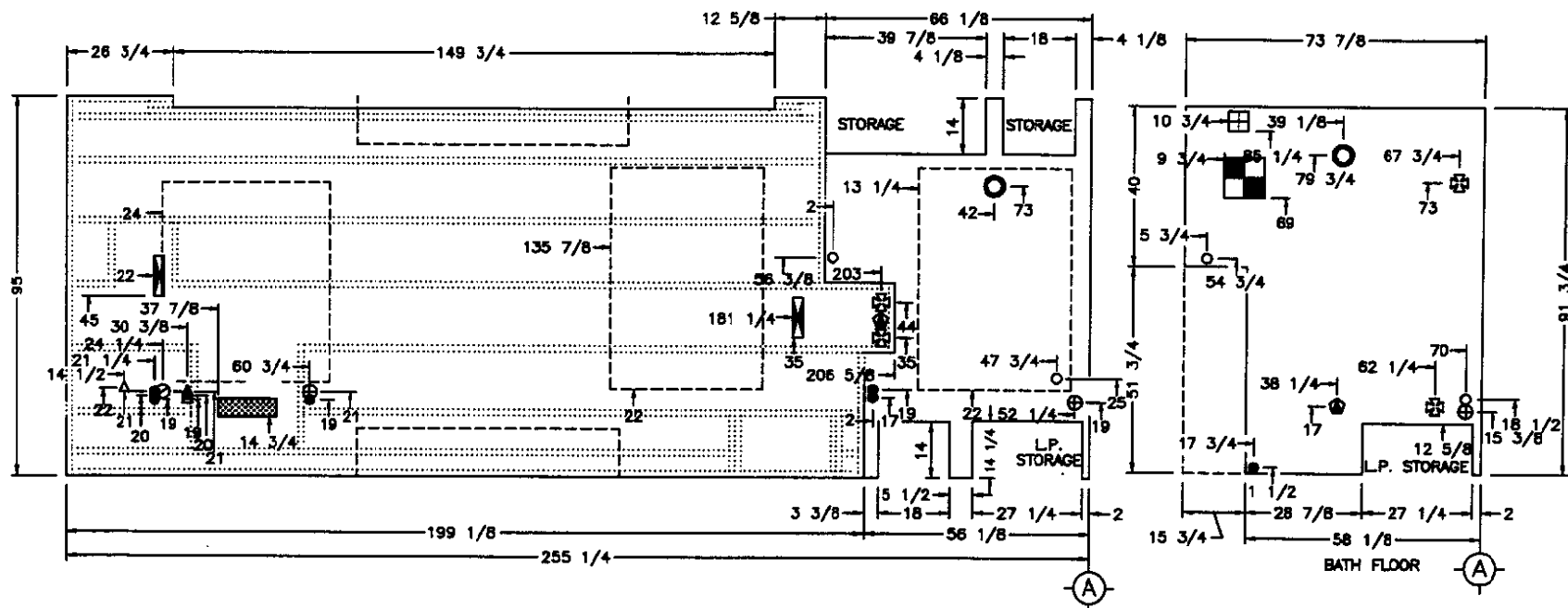
Revision: Relocated the breaker box. (PCR 97-553)

By: Mike

Date: 10/22

By: Mike

Date: 8/7



FLOOR CUTOUT SYMBOLS

	10'x10" FIBERGLASS TUB		2 1/2" HEAT DUCT HOLE		4x18 RETURN AIR HOLE
	5" ABS TUB HOLE		2 1/2" HEAT REGISTER		2" VENT HOLE
	5" HEAT DUCT HOLE		4 1/2"x14 1/2" FURNACE		1/4" ELECTRICAL HOLE
	4 1/2" HEAT DUCT HOLE		5" SEWAGE DRAIN HOLE		3" WATER FILL HOLE
	4" HEAT DUCT HOLE		3" DRAIN HOLE		3/4" WATER LINE HOLE
					3/4" GAS LINE HOLE

Denotes the zero point of the frame.

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

'97 Model:
American Star 29' WRKD-FW

Sheet
3 of 6

Drawn by:
Mike Walter

Checked by:

Revision: Changed the heat duct hole in the bath floor from 5" to 4".
(PCR 97-1392)

By: Mike

Date: 1/24

Title:
Floor cutout detail

I.D. #
P/7f29wrkd

Date:
4/24/96

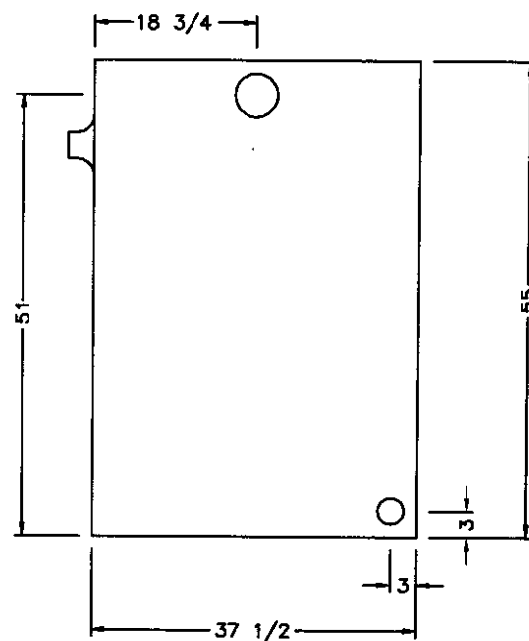
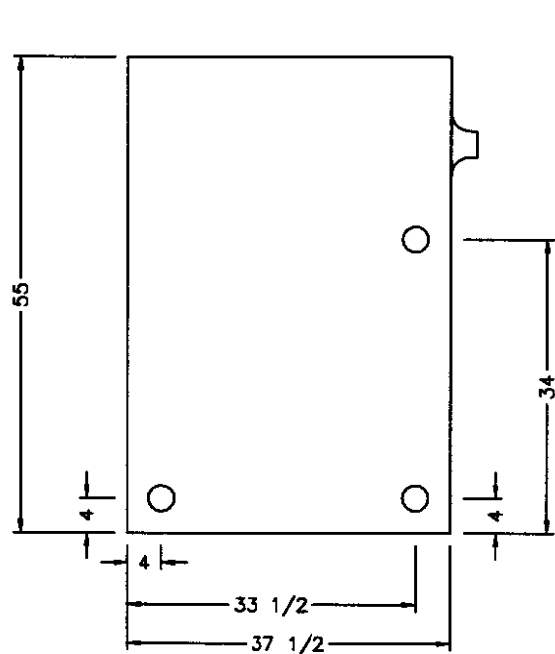
Date:
1-24

Revision: Revised again the living room heat duct hole location. (PCR 97-1219)

By: Mike

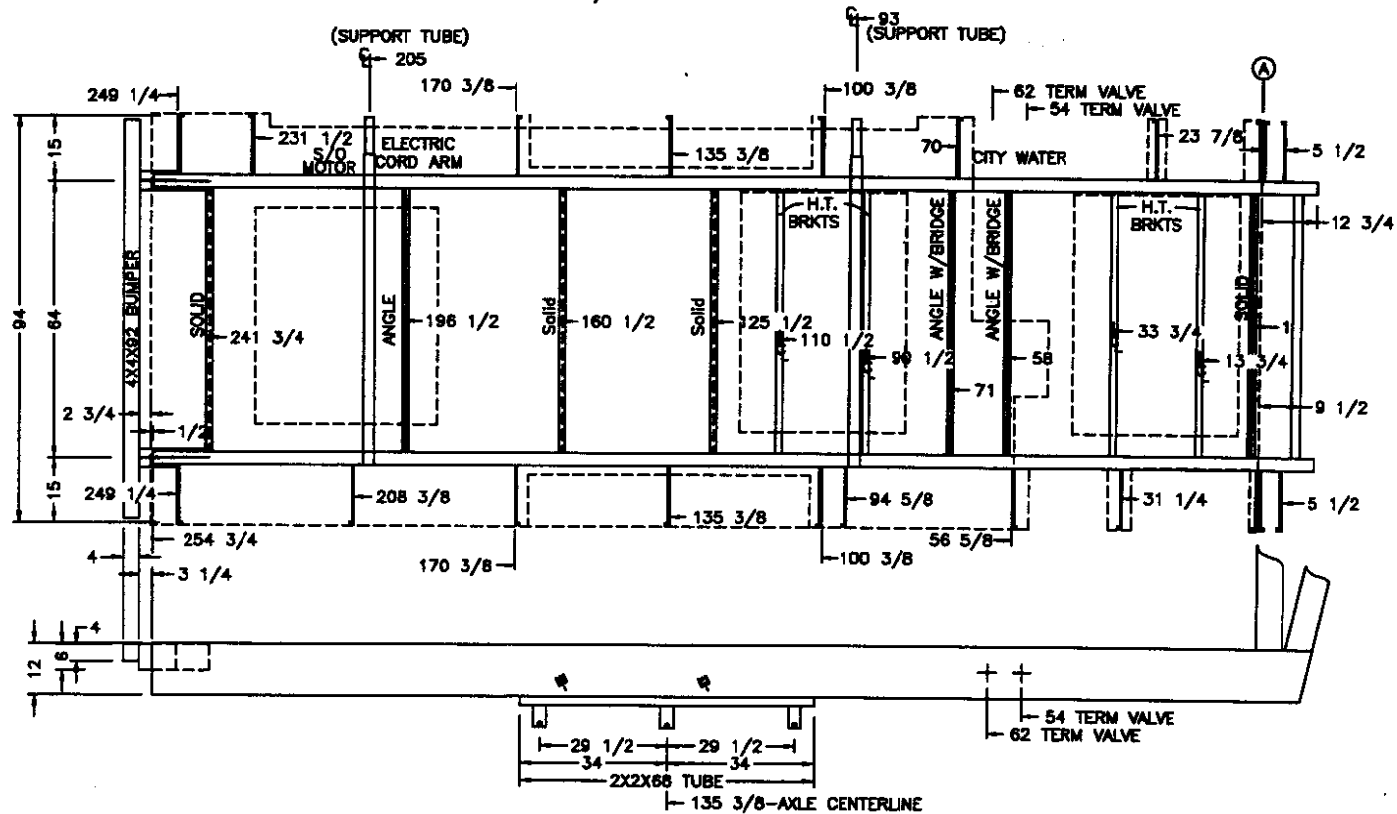
Date: 12/2

Title block--375TB



NEWMAR CORP P.O. Box 30, Nappanee, IN. 46650 Title block--75TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision: Revised dimensioning format. (PCR 97-690)	By: Mike
	American Star 29' WRKD-FW	1 of 3	Mike Walter	B		Date: 8/27
	Title:	I.D. #	Date:	Date:	Revision: Revised hole locations.	By: Mike
	Tank drawings	h/7f29wrkd	6/13/96	8-29		Date: 6/25

Slideout has a 45 3/4" travel.



NOTE:

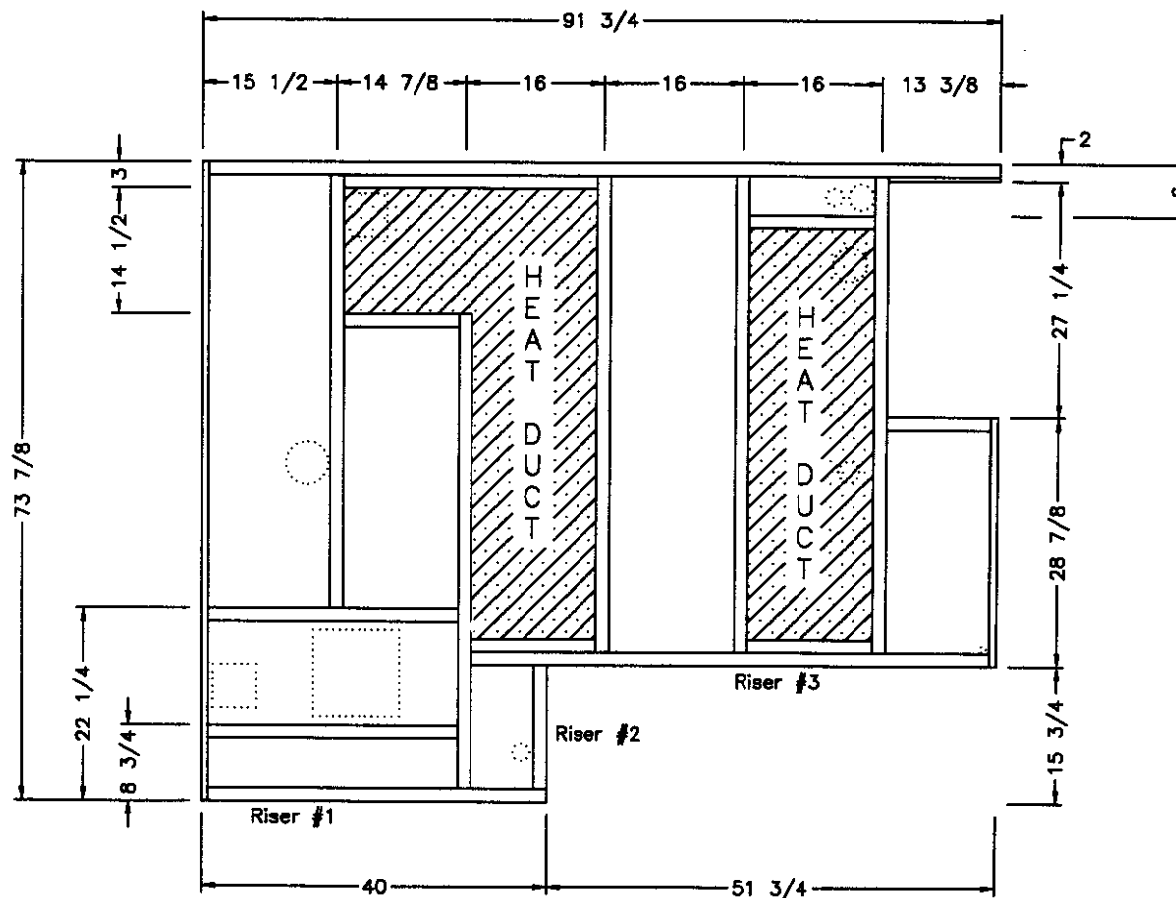
ALL MEASUREMENTS ARE FROM POINT A UNLESS OTHERWISE SPECIFIED

FRAME: 12" I-BEAM (13 GA)

CROSSMEMBERS: 1 1/2X1 1/2X63 3/4 "Z"

OUTRIGGERS: 1 1/2X12X15 TAPERED ANGLE

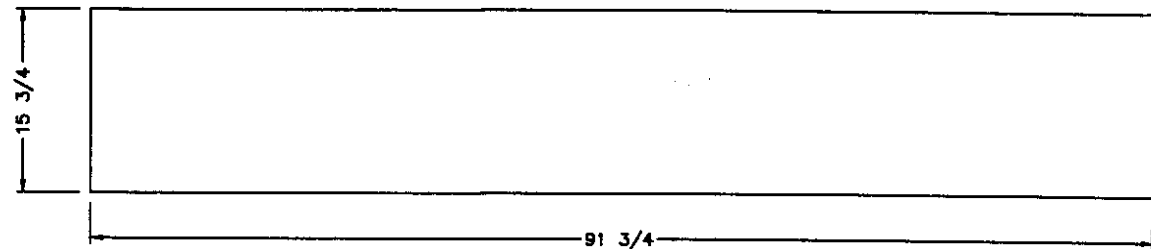
NEWMAR CORP P.O. Box 30, Napanea, IN. 46550 Title block--375TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By: Mike
	American Star 29' WRKD-FW	1 of 2	Mike Walter	WJ/M	Revised per PCR 97-1001.	Date: 10/15
Title:	Frame detail	I.D. #	Date:	Date:	Revision:	By: Mike
		R/csfw12/7/29/wkd	6/14/96	10-17	Moved the angle at 195" to 198 1/2". (PCR 97-678)	Date: 8/27



NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--75TB	'97 Model: American Star 29' WRKD-FW	Sheet 1 of 2	Drawn by: Mike Walter	Checked by: R2	Revision: Added blocks in front of and behind heat duct runs as per (PCR 97-410).	By: Mike Date: 7/16
	Title: Bath top floor detail	I.D. # ft/b/7ssflr15	Date: 6/14/96	Date: 7-16	Revision: Added missing dimension to locate heat duct stop.	By: Mike Date: 6/25

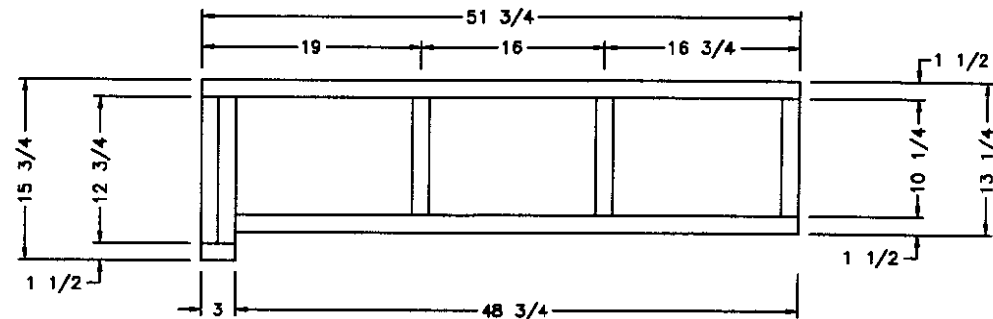
Front super storage riser

5/8" structurewood with metal on the front

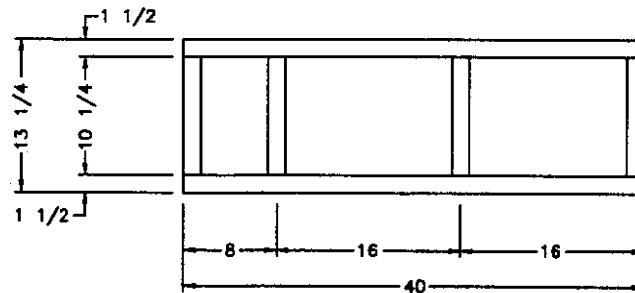


Super storage risers

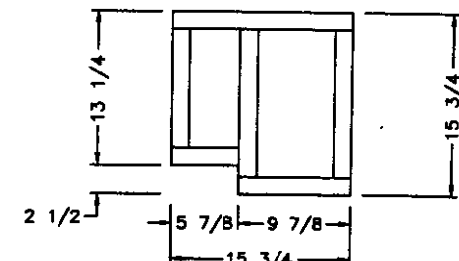
Risers are made from 2 x 2 studs.
Risers have panel front and back.



Riser #3



Riser #1



Riser #2

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

'97 Model:
American Star 29' WRKD-FW

Sheet
1 of 2

Drawn by:
Mike Walter

Checked by:
K

Revision:

By:

Title:
Riser details

I.D. #
ft/b/7ssflr16

Date:
6/19/96

Date:
6-19

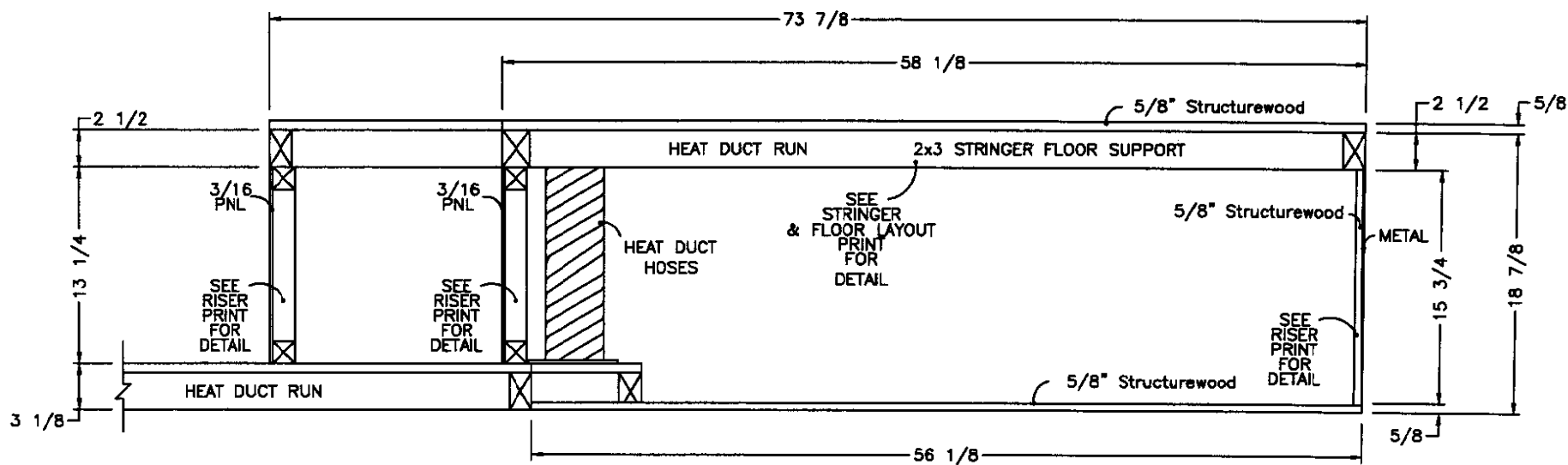
Revision:

Date:

By:

Date:

Title block--1TB



REAR OF
UNIT

SIDE X-SECTION OF
SUPER STORAGE BATHROOM

FRONT OF
UNIT

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

'97 Model:
AS/KS 29' WRKD-FW

Title:
Super storage x-section

Sheet
1 of 1

I.D. #
ft/b/7ssflr14

Drawn by:
Mike Walter

Date:
6/14/96

Checked by:
B

Date:
6-19

Revision:

Revision:

By:

Date:

By:

Date:

Title block--1-5TB

1 x 2 Top rail

1 x 2 side rail

1 x 2 side rail

3/4

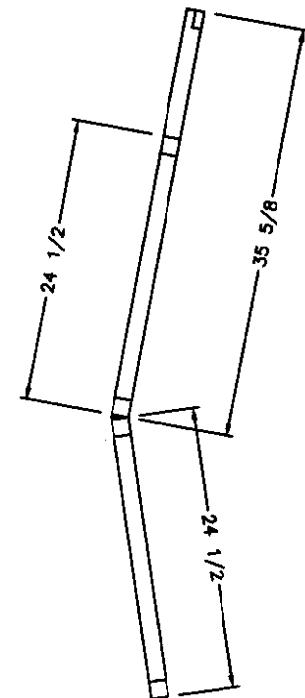
93 1/2

3/4

95

Use 2 x 2 construction unless
otherwise noted.

Wall thickness 1 5/8"



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

'97 Model:
American Star 29' WRKD-FW

Sheet
1 of 3

Drawn by:
Mike Walter

Checked by:
K3

Revision:

By:

Title:
Cabover end wall

I.D. #
s/i/cab/7K29wrkd

Date:
3/13/96

Date:
6-19

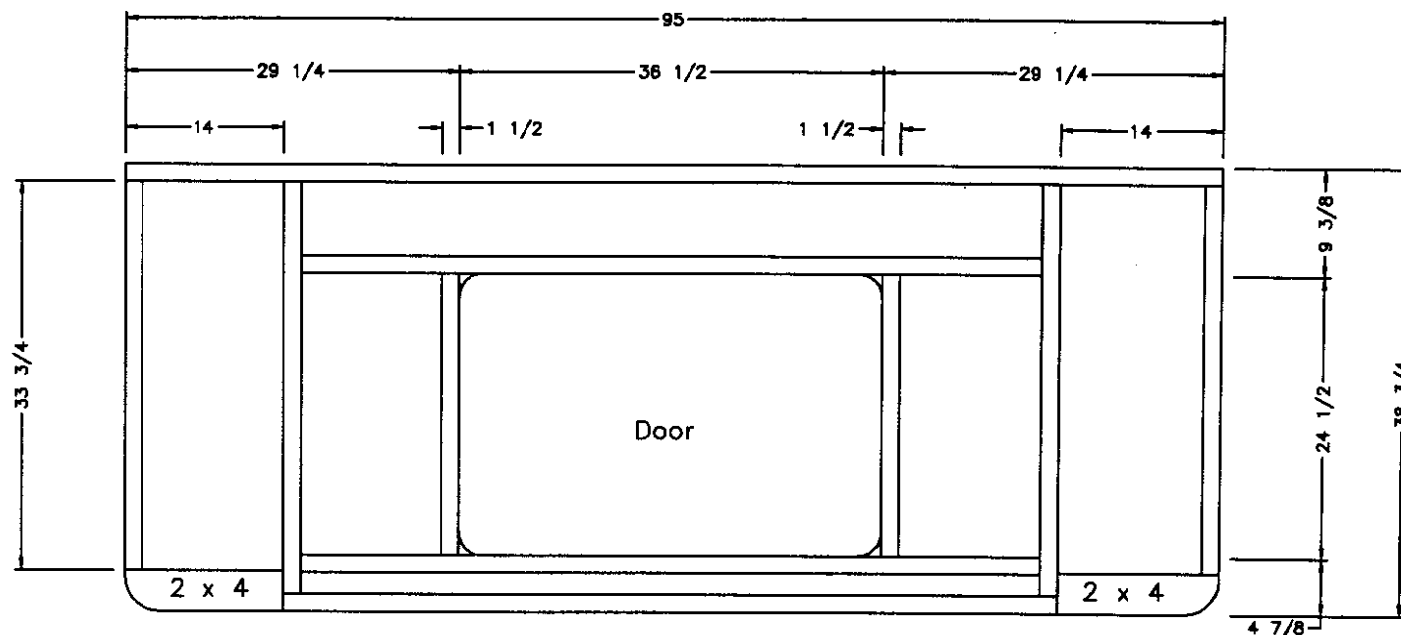
Revision:

Date:

By:

Date:

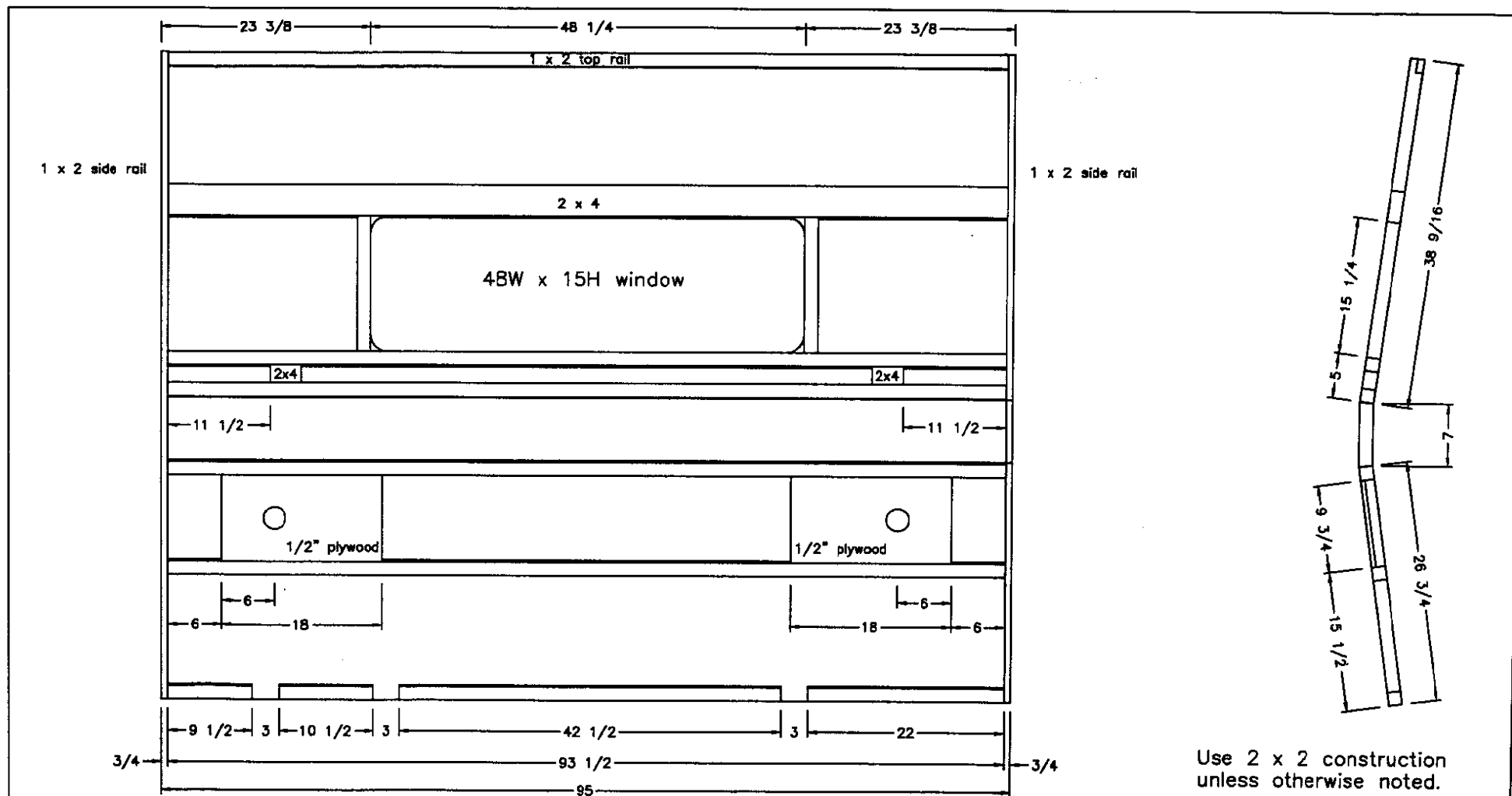
Title block--1TB



Use 2 x 2 construction
unless otherwise noted.

Use on all American Stars

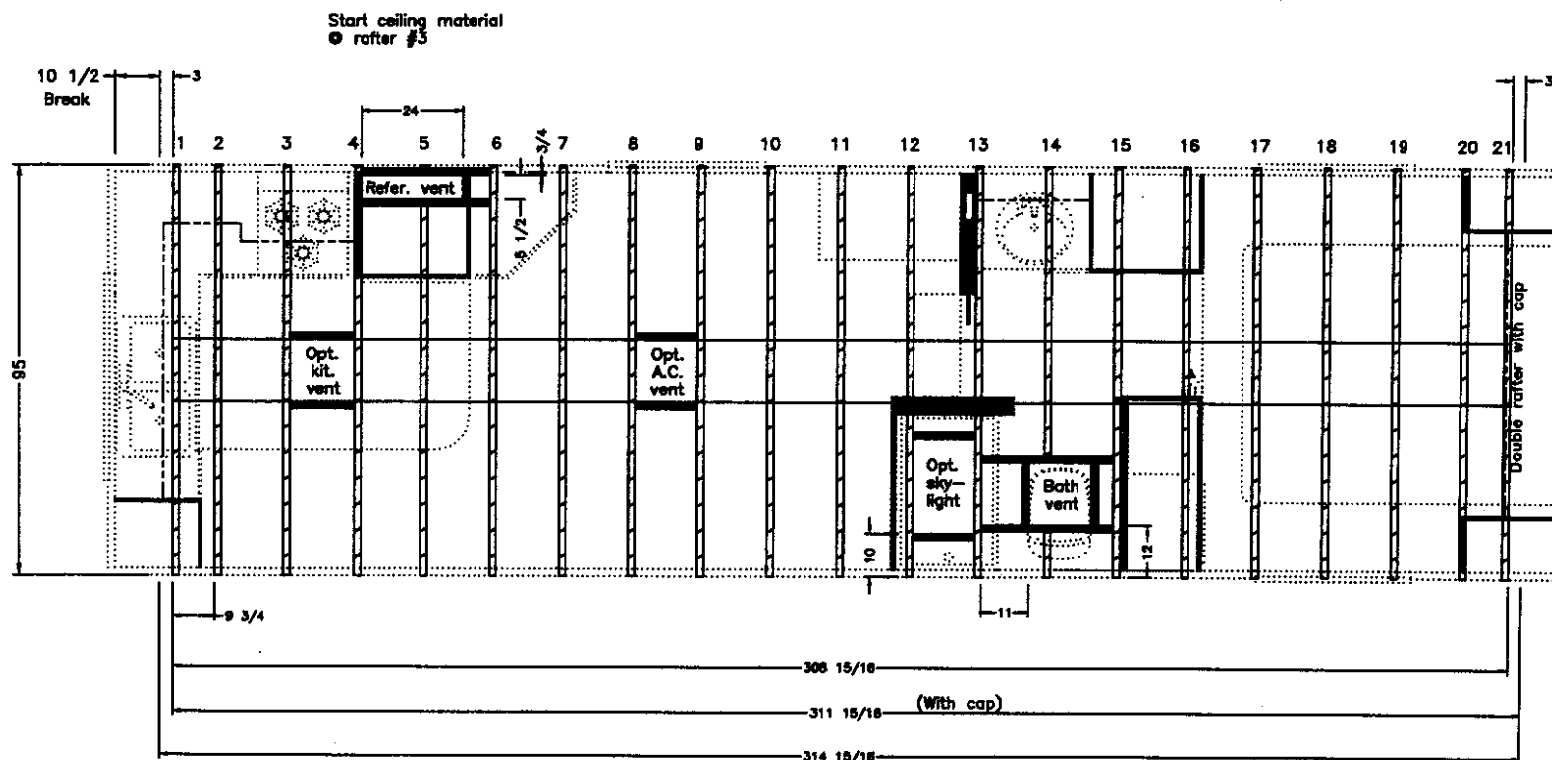
NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--1TB	'97 Model: American Star typical	Sheet 1 of 6	Drawn by: Mike Walter	Checked by: WFM	Revision: Revised the door opening again. (PCR 97-1114)	By: Mike
	Title: Goose neck wall	I.D. # s/l/goosneck/typical	Date: 8/12/96	Date: 11-11	Revision: Made a typical goose neck door print to be used on all American Stars.	Date: 11/11 By: Mike Date: 8/12



Use 2 x 2 construction unless otherwise noted.

Wall thickness 1 5/8"

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--1TB	'97 Model: American Star 29' WRKD-FW	Sheet 1 of 3	Drawn by: Mike Walter	Checked by: K3	Revision:	By:
	Title: Rear end wall	I.D. # s/r/7f29wrkd	Date: 6/17/96	Date: 6-19	Revision:	Date:



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

Title block--375TB

'97 Model:
American Star 29' WRKD-FW

Title:
Roof Layout

Sheet
1 of 2

I.D. #
P/7f29wrkd

Drawn by:
Mike Walter

Date:
6/17/96

Checked by:
Mike Walter

Date:
8-2

Revision: Added with cap dimensions.

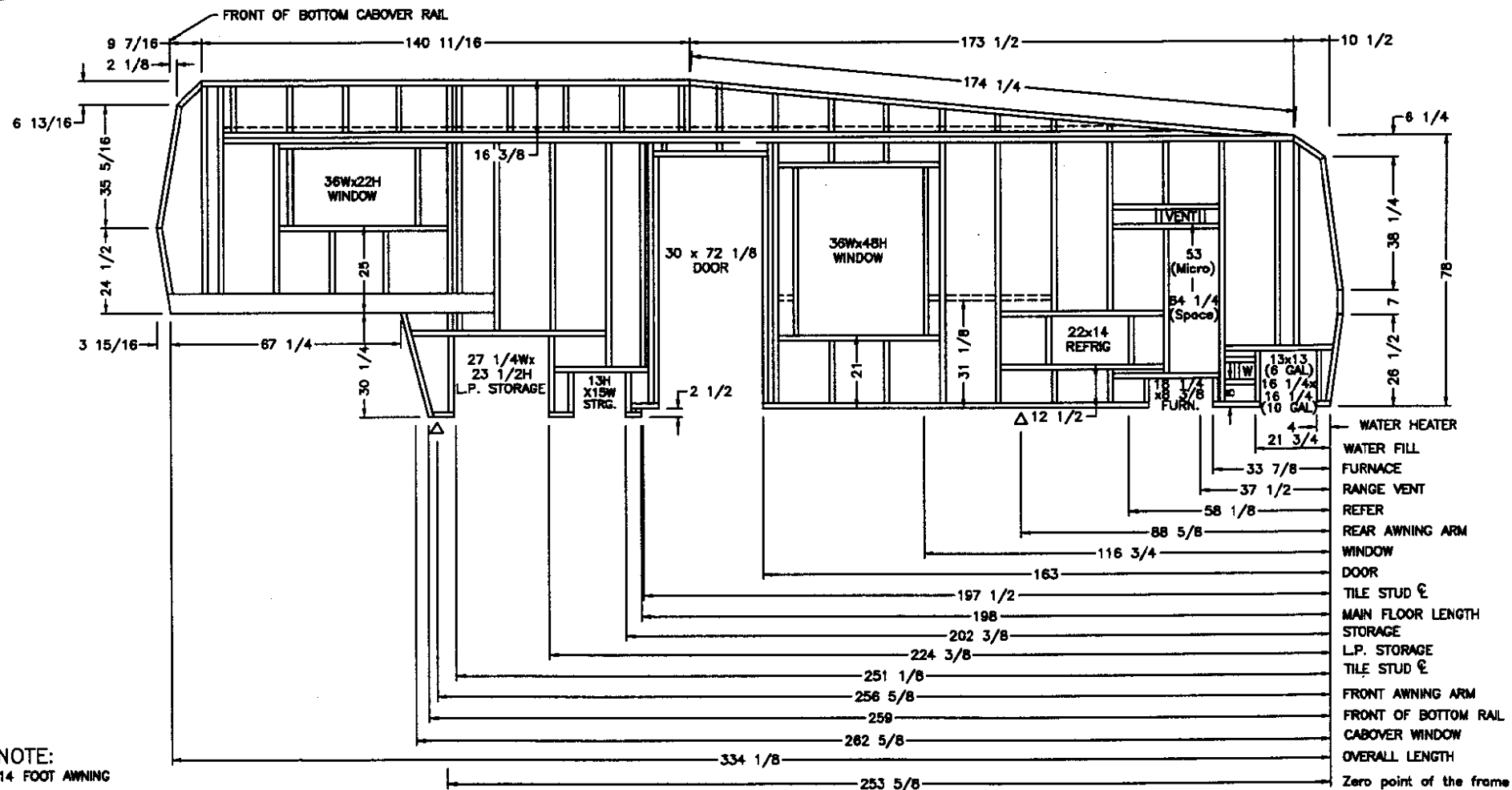
Revision: Moved the Opt. kit. vent to the center of the unit (PCR 97-515)

By: Mike

Date: 6/2

By: Mike

Date: 7/23



NOTE:

14 FOOT AWNING

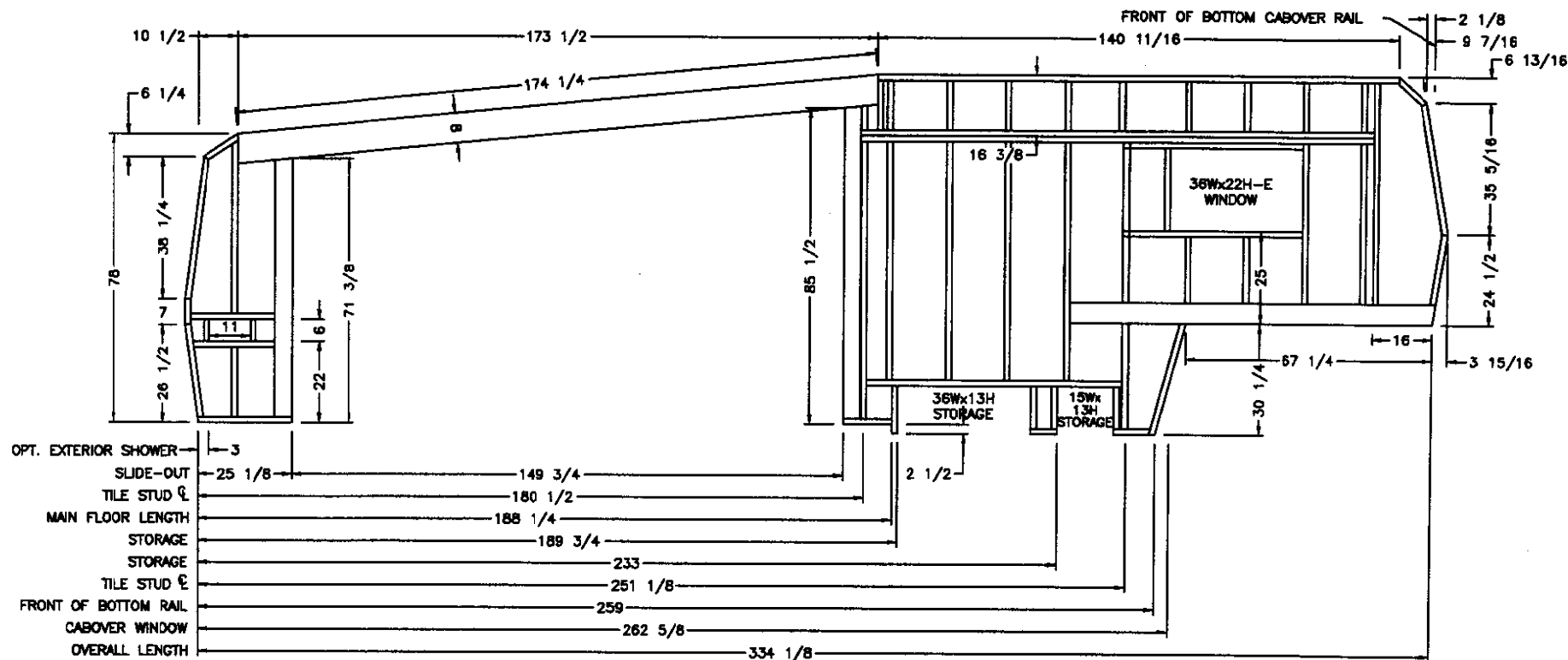
SIDEWALL LAYOUT DRAWN AS IN JIG.

ALL STUDS SPACED 16" ON CENTER UNLESS OTHERWISE SPECIFIED.

Sidewall thickness is 1 5/8"

SLOPE RATE: .0944 x 1

NEWMAR CORP P.O. Box 30, Naples, IN. 46560 Title block--375TB	'97 Model: American Star 29' WRKD-FW	Sheet 1 of 2	Drawn by: Mike Walter	Checked by: WJM	Revision: Changed the door height. (PCR 97-965)	By: Mike Date: 10/8
	Title: Door side sidewall	I.D. # s/d/7f29wrkd	Date: 6/17/96	Date: 10/8/99	Revision: Lowered the storage compartment in front of the entrance door by 3/4". (PCR 97-521)	By: Mike Date: 7/24



NOTE:

SIDEWALL LAYOUT DRAWN AS IN JIG.
ALL STUDS SPACED 16" ON CENTER UNLESS OTHERWISE SPECIFIED.
Slope rate: .0944 x 1
Sidewall thickness is 1 5/8".

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

Title block--375TB

'97 Model:
American Star 29' WRKD-FW

Title:
Off door side sidewall

Sheet
1 of 2
I.D. #
s/o/7f29wrkd

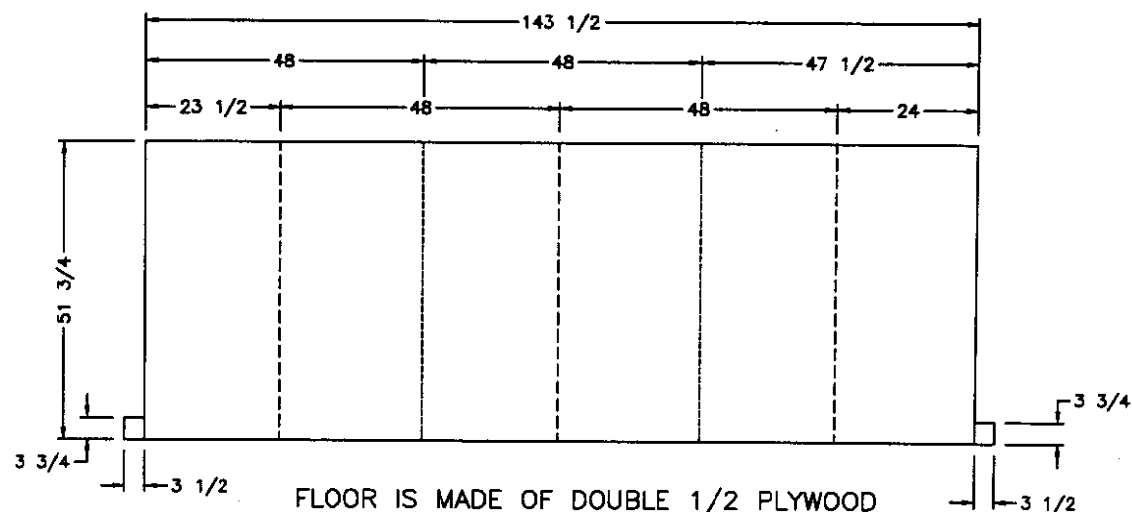
Drawn by:
Mike Walter
Date:
6/17/96

Checked by:
B
Date:
8-29

Revision: Moved the optional exterior shower to the rear. (PCR 97-853)

Revision: Lowered the storage compartments by 3/4". (PCR 97-521)

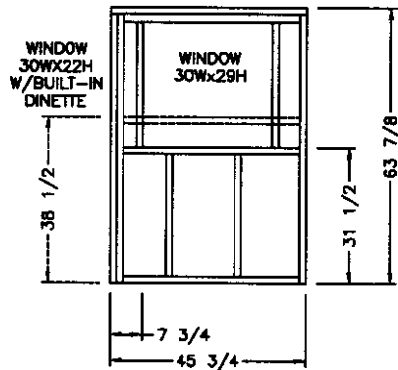
By: Mike
Date: 8/19
By: Mike
Date: 7/24



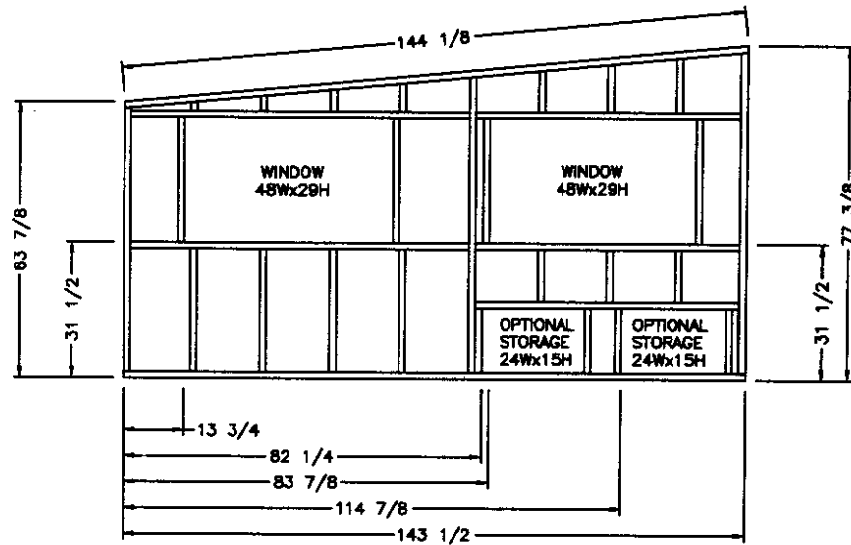
- (4) 48 X 51 3/4
- (1) 24 X 51 3/4
- (1) 23 1/2 X 51 3/4
- (4) 3 1/2 X 3 3/4

----- TOP LAYER SEAM
 ----- BOTTOM LAYER SEAM

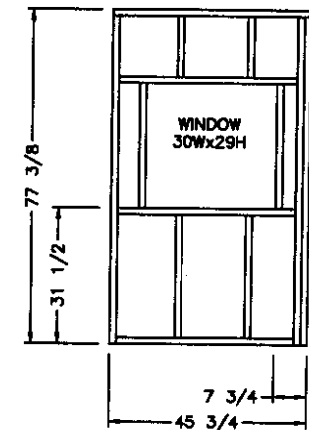
NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--STB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	AS-KS 29' WRKD-FW	1 of 2	Mike Walter	B		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Non-flat floor slideout floor detail	o/t/7f29wrkd	6/17/96	6-19		Date:



REAR SIDEWALL



MAIN SLIDE-OUT SIDEWALL



FRONT SIDEWALL

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

Title block--375TB

'97 Model:
American Star 29' WRKD-FW

Title:
Slideout sidewalls

Sheet
1 of 2

I.D. #
o/s/7129wrkd

Drawn by:
Mike Walter

Date:
6/17/96

Checked by:
K3

Date:
6-19

Revision:

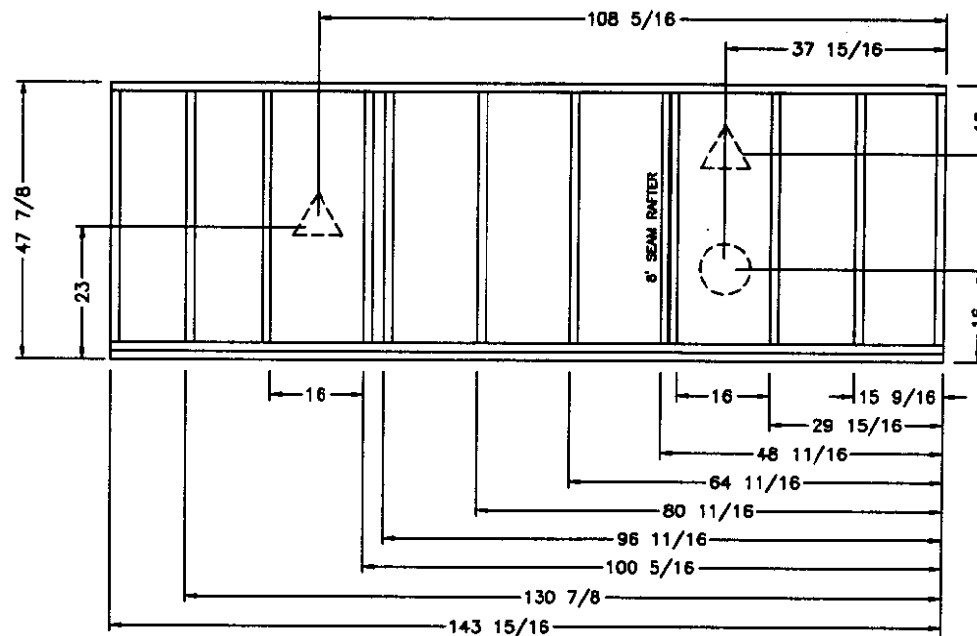
Revision:

By:

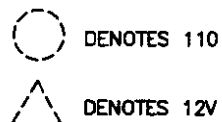
Date:

By:

Date:

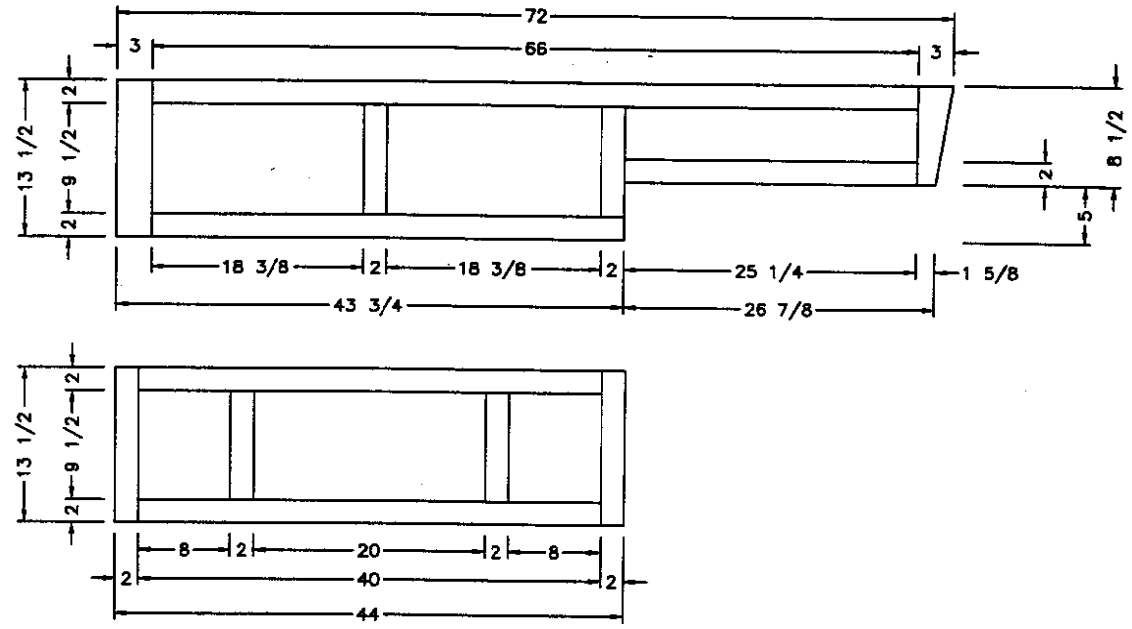
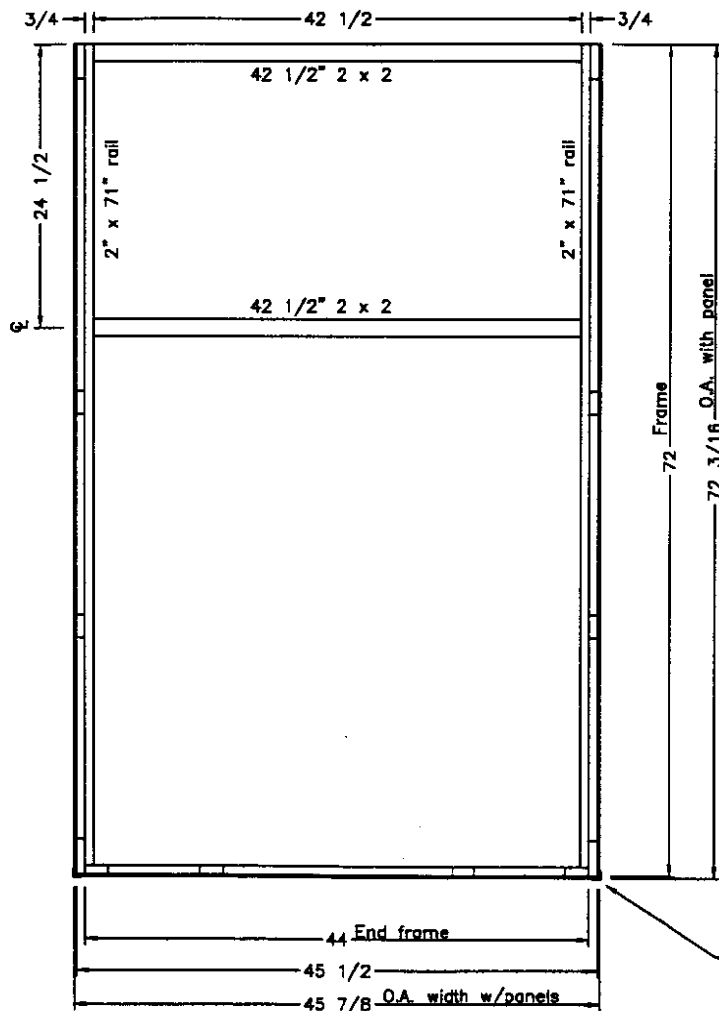


OPEN SIDE
VIEW FROM INSIDE LOOKING UP



ROOF IS MADE W/
1 1/2 C-CHANNEL

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--5TB	'97 Model: AS-KS 29' WRKD-FW	Sheet 1 of 2	Drawn by: Mike Walter	Checked by: <i>B</i>	Revision:	By:
	Title: Slide out roof detail	I.D. # o/r/7f29wrkd	Date: 6/17/96	Date: 6-19	Revision:	By:



Note:
The finished sides of the frames and rails face in to create a finished interior.

Used on:

- AS 28' RBWS-FW
- AS 28' WRKD-FW
- AS-KS 29' WRKD-FW
- AS 30' RLWB-FW

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

'97 Model:
See the used on list

Sheet
1 of 5

Drawn by:
Mike Walter

Checked by:
[Signature]

Revision:

By:

Title:

Bed base detail

I.D. #

cabfw/b/724

Date:

11/14/96

Date:

11-20

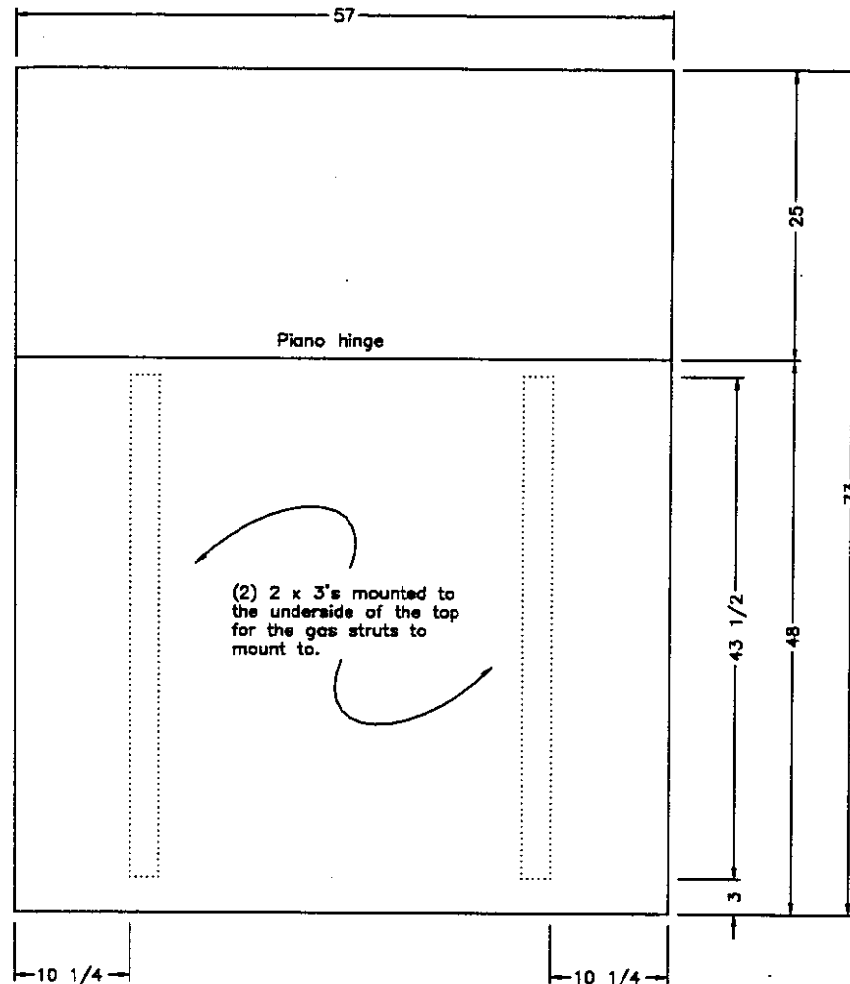
Revision:

Date:

By:

Date:

Title block--1TB

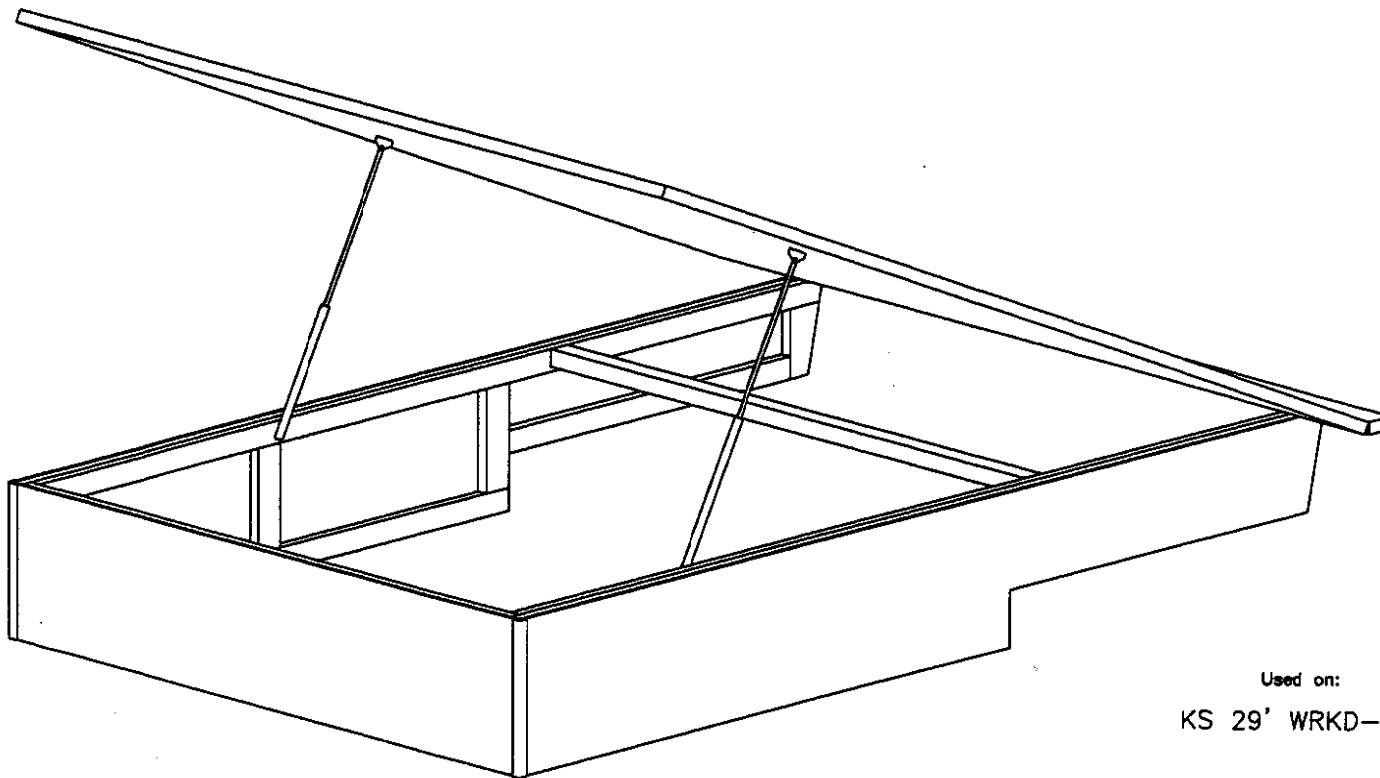


1/2" plywood covered
with cargo liner.

Used on:

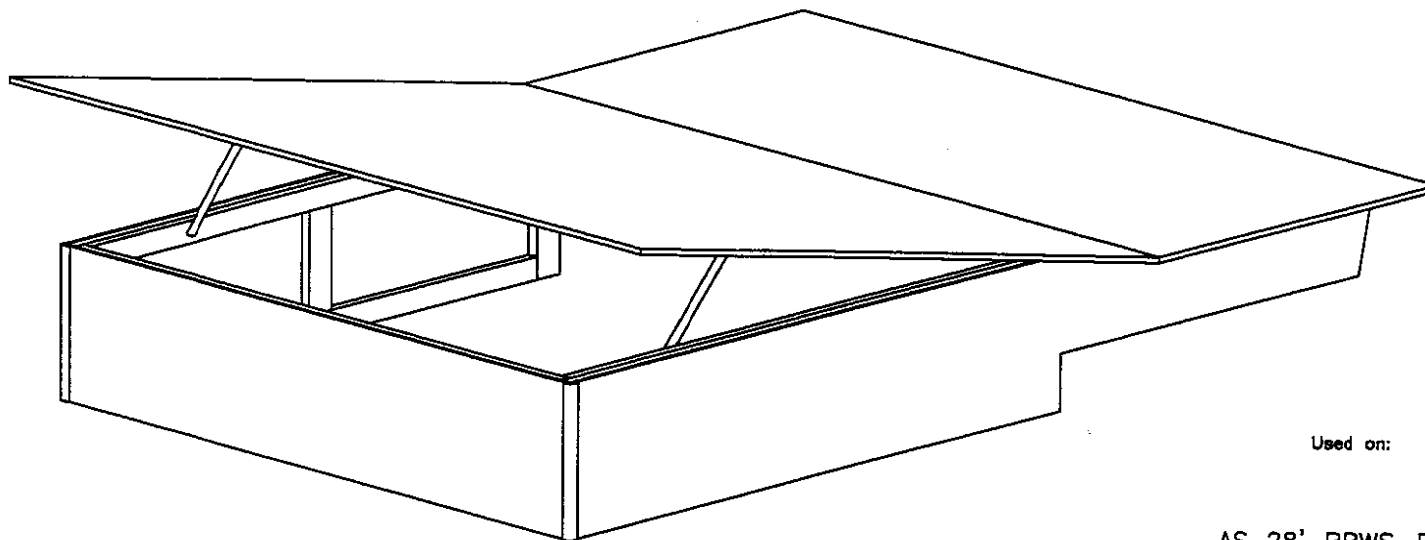
AS 28' RBWS-FW
AS 28' WRKD-FW
AS 29' WRKD-FW
AS 30' RLWB-FW

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	See the used on list	3 of 5	Mike Walter	WSH		Date:
Title block--1TB	Title:	I.D. #	Date:	Date:	Revision:	By:
	American Star top detail	cobfw/b/724	11/14/96	11-20		Date:



Used on:
KS 29' WRKD-FW

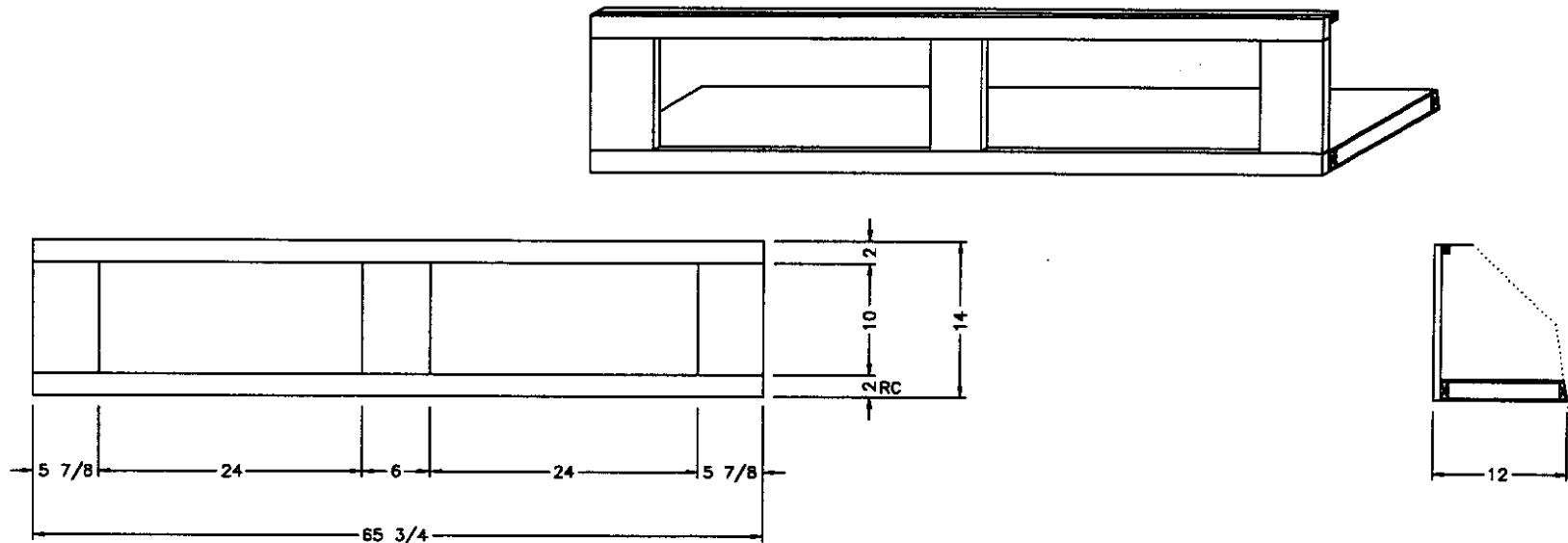
NEWMAR CORP P.O. Box 30, Napanea, HI. 48560 Title block--1TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	See the used on list	4 of 5	Mike Walter	WJW		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	KS-KA completed bed base	cabfw/b/724	11/14/96	11-20		Date:



Used on:

AS 28' RBWS-FW
 AS 28' WRKD-FW
 AS 29' WRKD-FW
 AS 30' RLWB-FW

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--1TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	See the used on list	5 of 5	Mike Walter	WFM		Date:
Title:	I.D. #	Date:	Date:	Revision:	By:	Date:
American Star finished bed	cabfw/b/724	11/14/96	11-20			

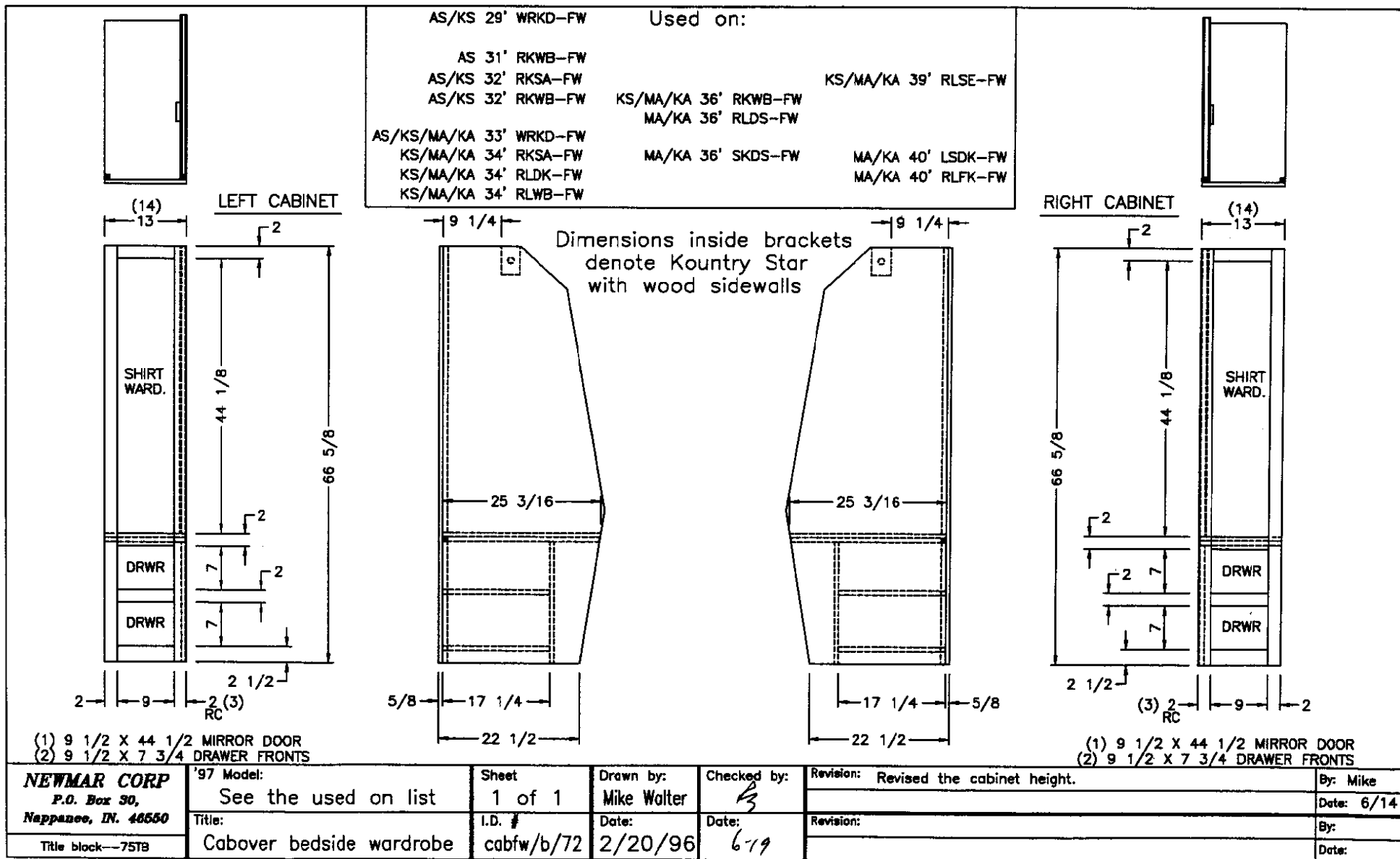


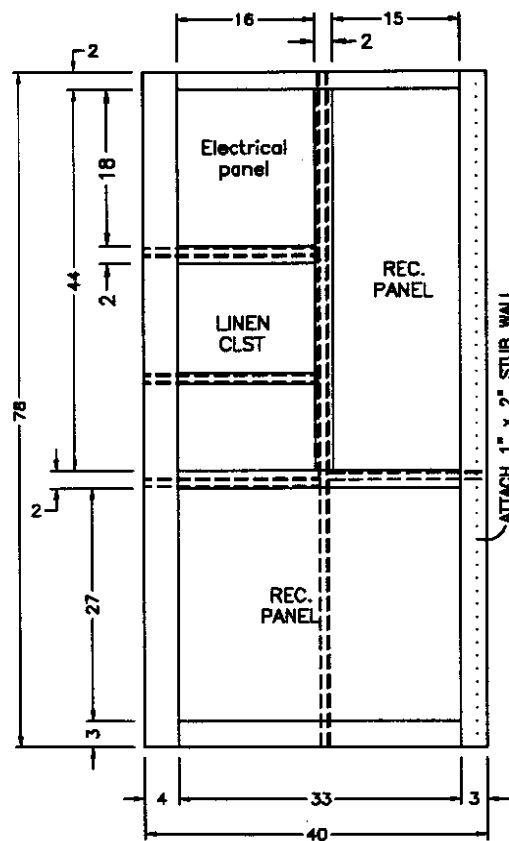
(2) 24 1/2 X 10 1/2 DOORS.

USED ON THE FOLLOWING UNITS:

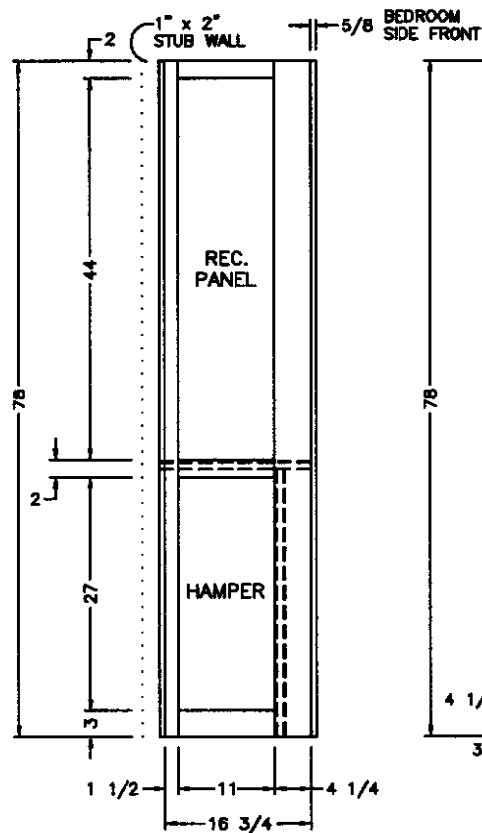
AS 29' WRKD-FW
 AS 31' RKWB-FW
 AS 32' RKSA-FW
 AS 32' RKWB-FW
 AS 33' WRKD-FW

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	See the used on list	1 of 3	Mike Walter	<i>B</i>		Date:
Title:	I.D. #	Date:	Date:	Revision:	By:	Date:
Title block--1TB	Front overbed storage	cabfw/b/71	2/20/96	6-19		

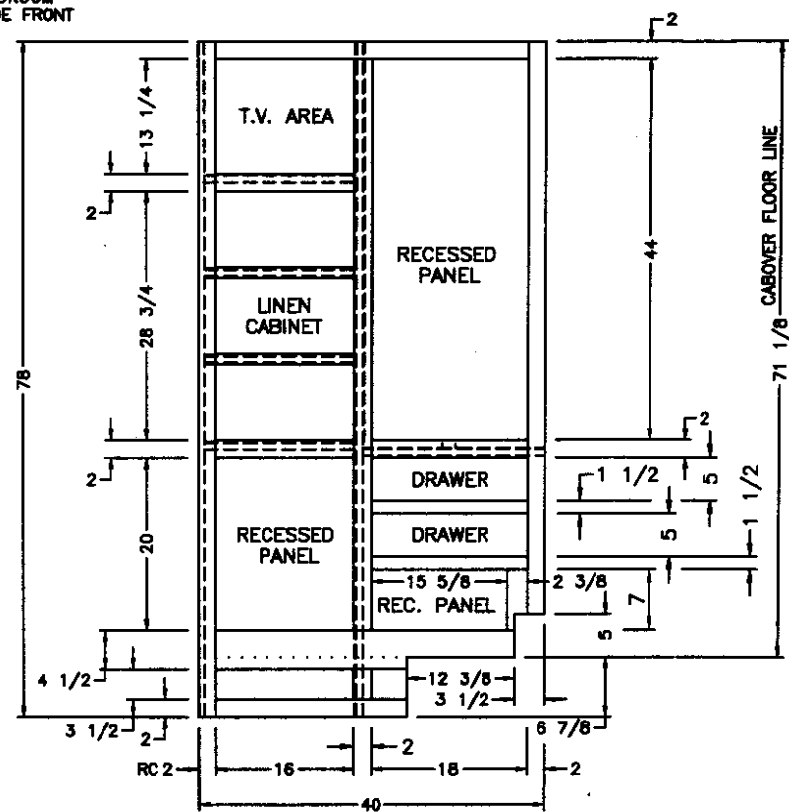




BATHROOM SIDE FRONT



BATHROOM HALLWAY SIDE



BEDROOM SIDE FRONT

DOOR LIST:

- (1) 16 1/2x44 1/2 MIRROR
- (1) 11 1/2x27 1/2
- (1) 16 1/2x29 1/2
- (2) 19x5 3/4 DRAWER FRONT

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

Title block--75TB

'97 Model:
AS/KS 29' WRKD-FW
Title:
Bathroom/cabover wardrobe

Sheet
1 of 1
I.D. #
cabfw/w/725

Drawn by:
Mike Walter
Date:
6/18/96

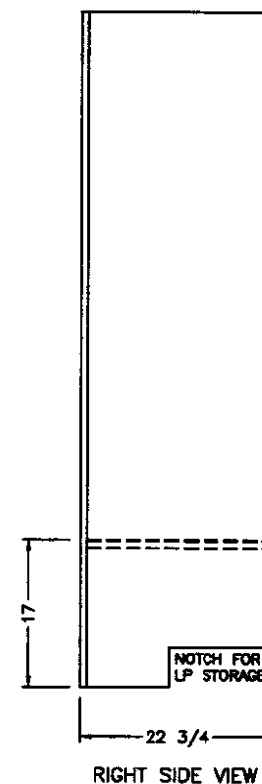
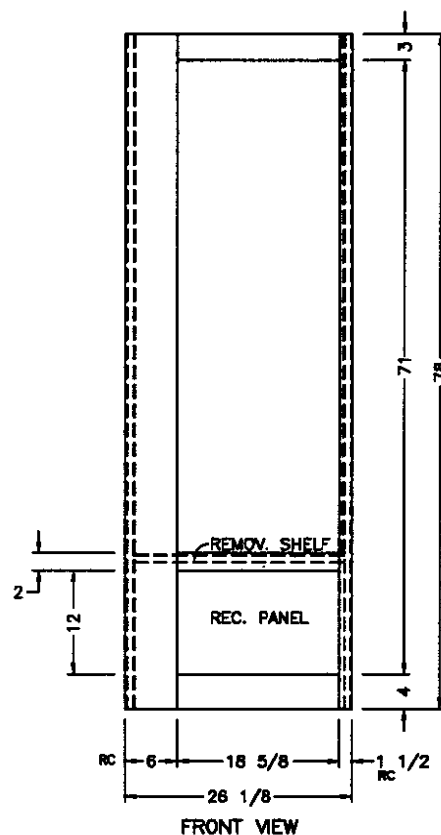
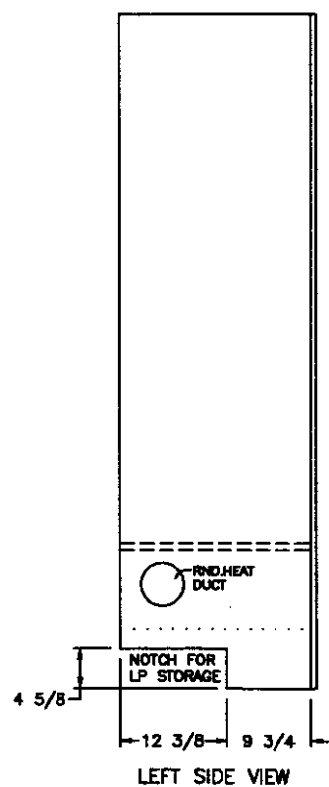
Checked by:
B
Date:
8-9

Revision: Added electrical panel to bath side. (PCR 97-553)

Revision:

By: Mike
Date: 8/7
By:
Date:

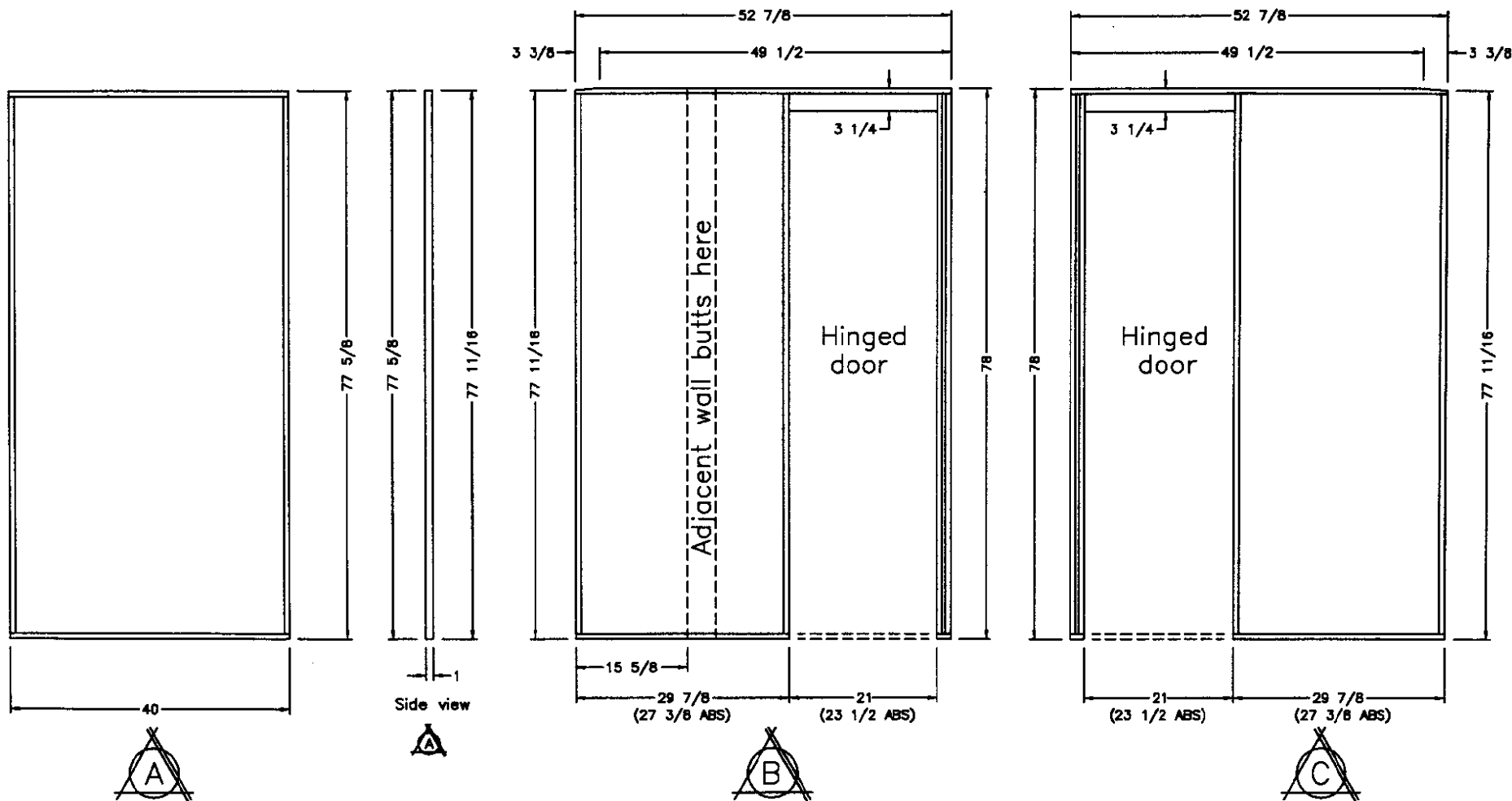
DOOR LIST:
(2) 9 1/2 x 71 1/2 MIRROR



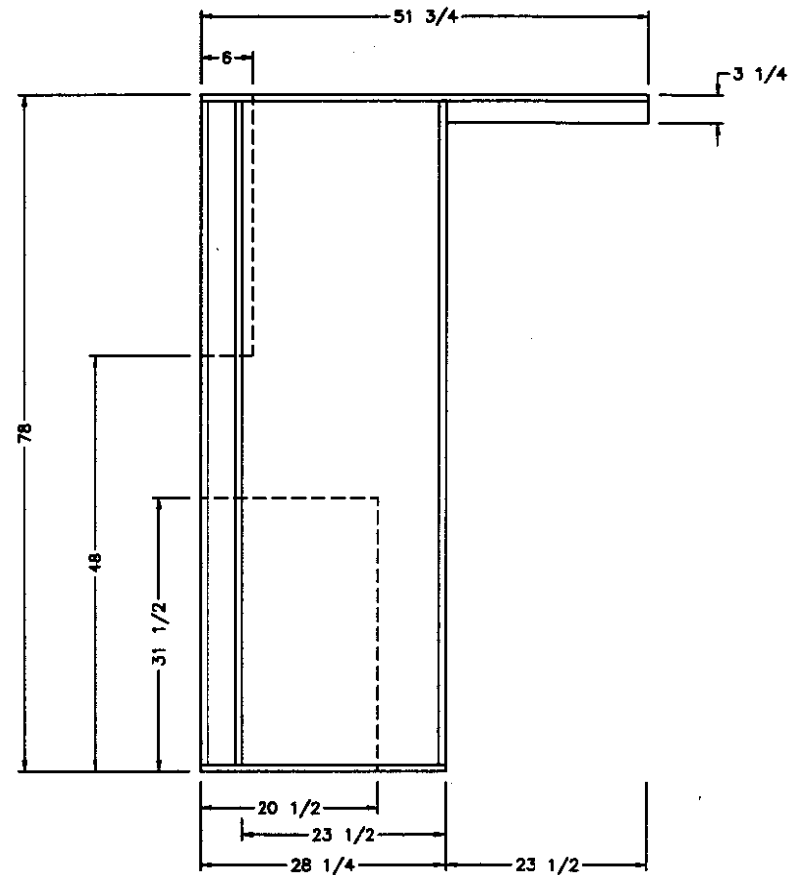
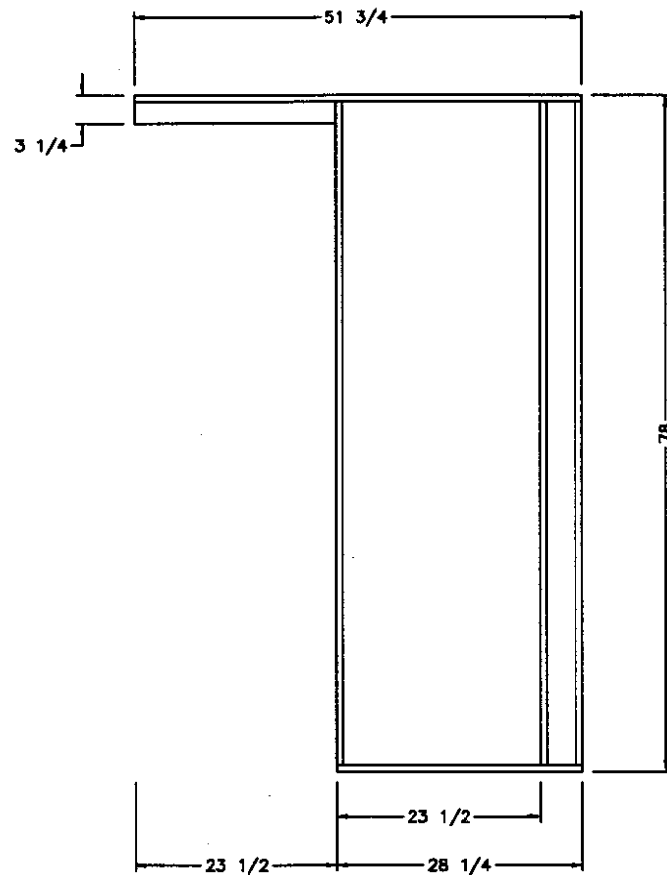
NEWMAR CORP P.O. Box 30, Nappanee, IN. 46560 Title block--75TB	'97 Model: AS/KS 29' WRKD-FW	Sheet 1 of 1	Drawn by: Mike Walter	Checked by: [Signature]	Revision: Removed the 16 1/2 x 18 1/2 door that should have been removed with the electrical panel.	By: Mike
	Title: Bathroom wardrobe	I.D. # cobfw/w/726	Date: 6/18/96	Date: 8-15	Revision: Removed the electrical panel and changed the left to a panel end and not a frame. (PCR 97-553)	Date: 8/15
						By: Mike
						Date: 8/7



NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star 29' WRKD-FW	1 of 6	Mike Walter	<i>B</i>		Date:
Title block--75TB	Title:	I.D. #	Date:	Date:	Revision:	By:
	Bath wall plan view	cabfw/a/730	6/18/96	<i>6-19</i>		Date:



NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--75TB	'97 Model: American Star 29' WRKD-FW	Sheet 2 of 6	Drawn by: Mike Walter	Checked by: 	Revision: Revised drawing to remove backers.	By: Mike
	Title: Bath wall details	I.D. # cabfw/a/730	Date: 6/18/96	Date: 10/3/96	Revision:	Date: 12/2 By: Date:



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

Title block--75TB

'97 Model:
American Star 29' WRKD-FW

Title:
Bath wall details

Sheet
3 of 6

I.D. #
cabfw/a/730

Drawn by:
Mike Walter

Date:
6/18/96

Checked by:
WJW

Date:
10/3/96

Revision: Revised the drawing to remove backers.

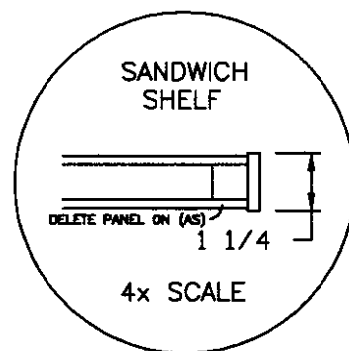
Revision:

By: Mike

Date: 12/2

By:

Date:

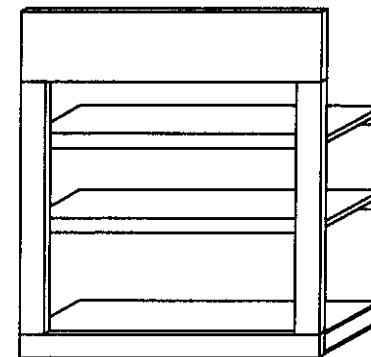
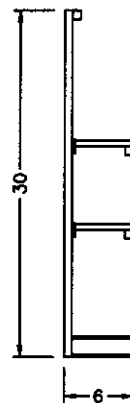
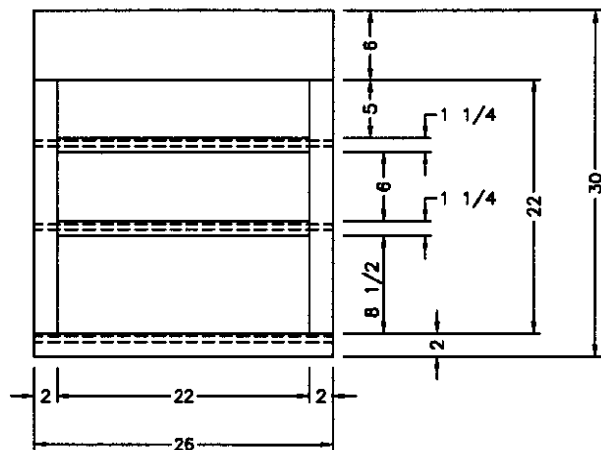


DOOR LIST:

(1)	12	1/2	x20	1/2	DOOR
(1)	23	1/2	x5	3/4	TIP-OUT FRONT
(2)	9	1/2	x5	3/4	DRAWER FRONTS
(1)	9	1/2	x7	3/4	DRAWER FRONT

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	See used on list	1 of 1	Todd Stahly	<i>TS</i>		Date:
Title block--1TB	Title:	I.D. #	Date:	Date:	Revision:	By:
	lav base and top	cabfw/g/768	6/13/96	6/19		Date:

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



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

'97 Model:
 American Star 29' WRKD-FW

Title:
 Medicine cabinet

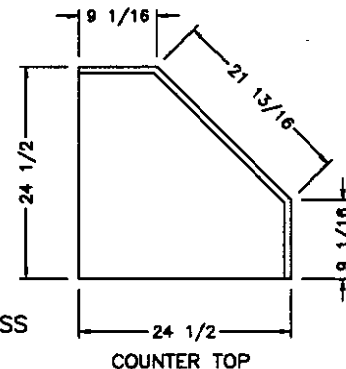
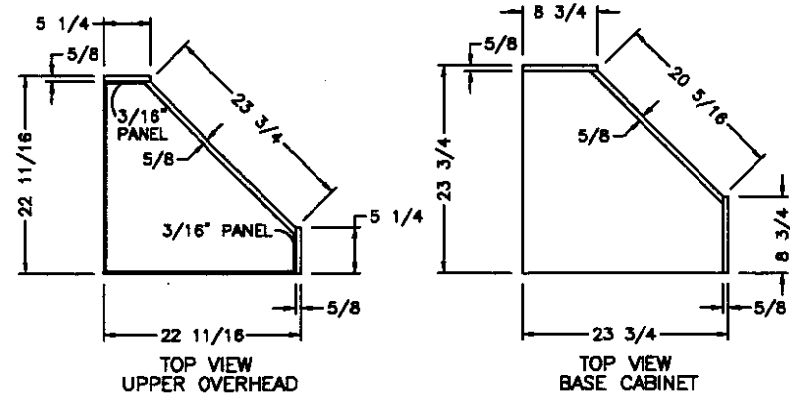
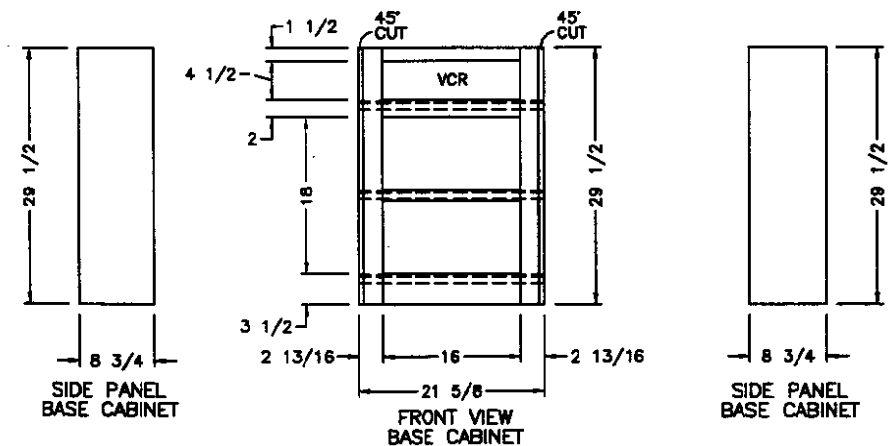
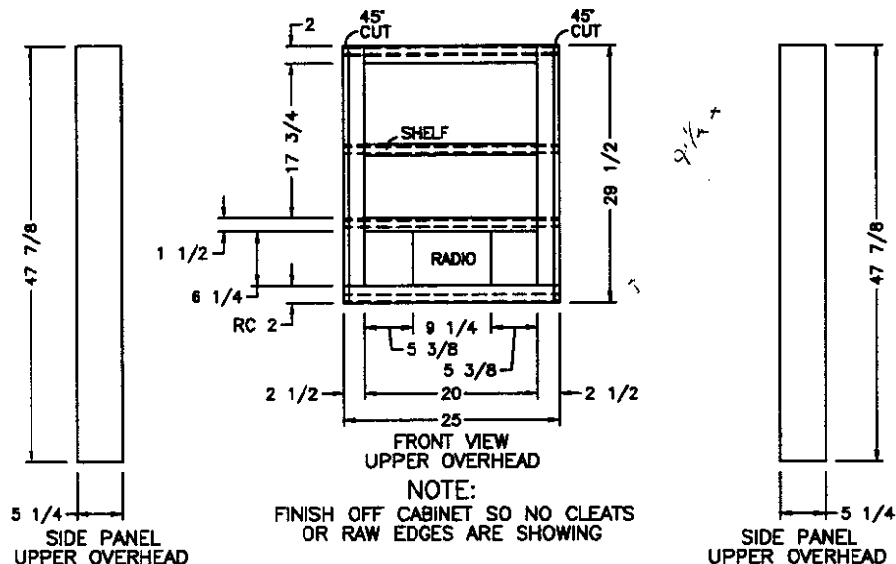
Sheet
 1 of 1
 I.D. #
 cabfw/a/731

Drawn by:
 Mike Walter
 Date:
 6/18/96

Checked by:
 [Signature]
 Date:
 6-19

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

Title block--1TB



- DOOR LIST:
- (1) 20 1/2x18 1/2 DEC. GLASS
 - (1) 16 1/2x18 1/2

Used on

AS/KS 29' WRKD-FW

AS 33' DBLS-FW

KS 30' FKR-B-TT

AS/KS 32' CFKS-TT

KS 32' FKWS-TT

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

'97 Model:
See used on list

Title:
Entertainment center

Sheet
1 of 1

I.D. #
cabfw/1/711

Drawn by:
Mike Walter

Date:
6/18/96

Checked by:
WGM

Date:
12-19

Revision: Changed the used on list ECO # 347 (971272)

Revision: Added to the used on list (97781)

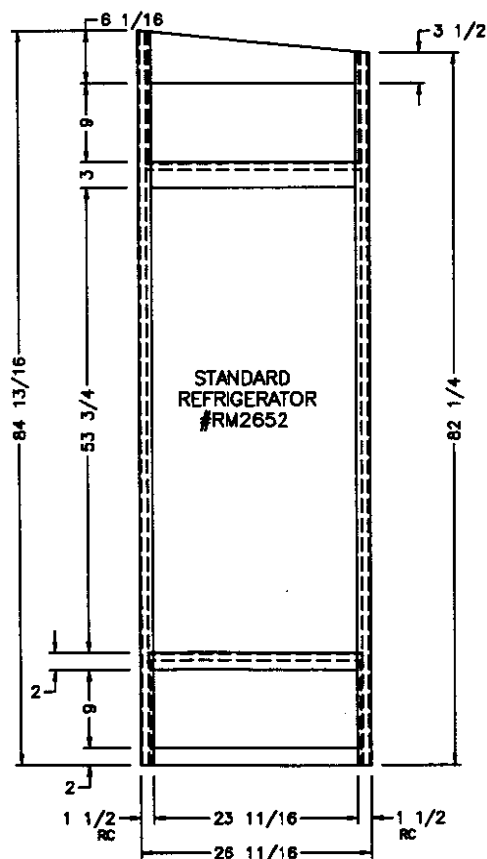
By: Todd

Date: 12/19/96

By: Todd

Date: 9/13/96

Title block--75TB



DOOR LIST:

(2) 24 1/2x9 1/2

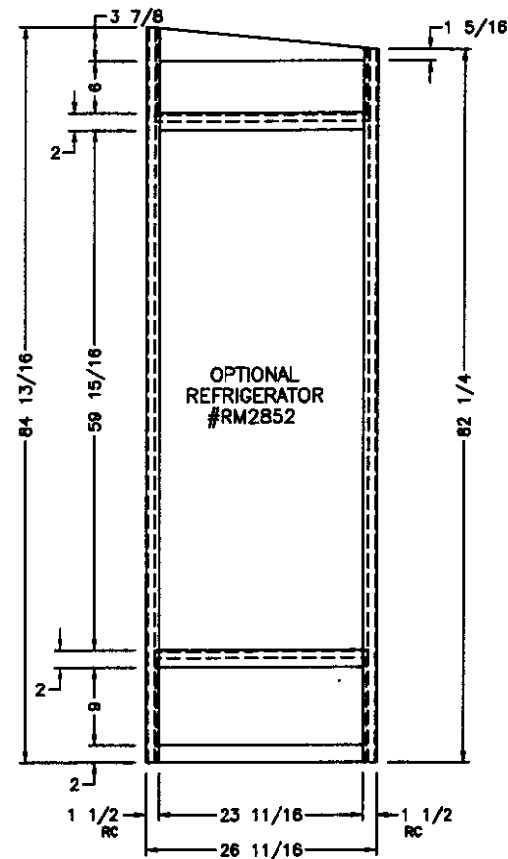
25" DEPTH

DOOR LIST:

(1) 24 1/2x6 1/2

(1) 24 1/2x9 1/2

25" DEPTH



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

Title block--75TB

'97 Model:
American Star 29' WRKD-FW
Title:
Refrigerator cabinet

Sheet
1 of 2
I.D. #
cabfw/w/727

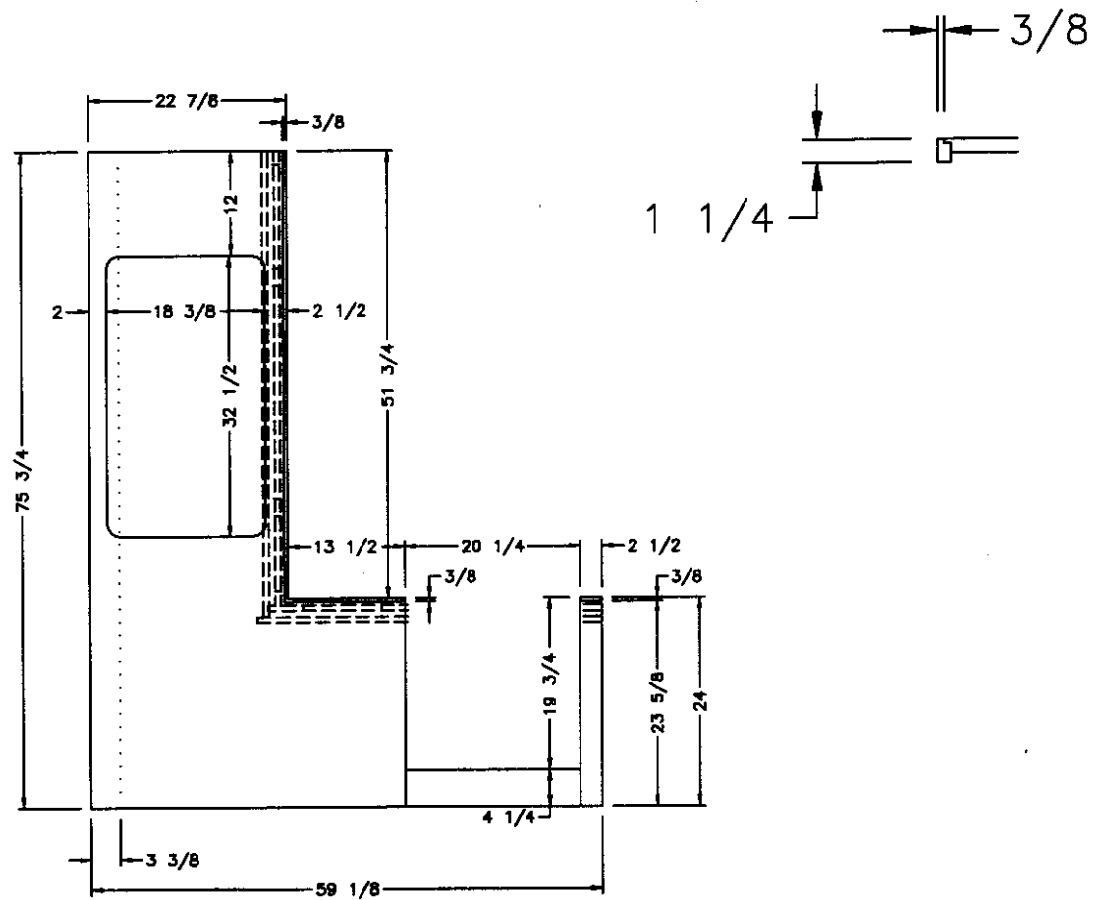
Drawn by:
Mike Walter
Date:
6/18/96

Checked by:
B
Date:
6.19

Revision:

Revision:

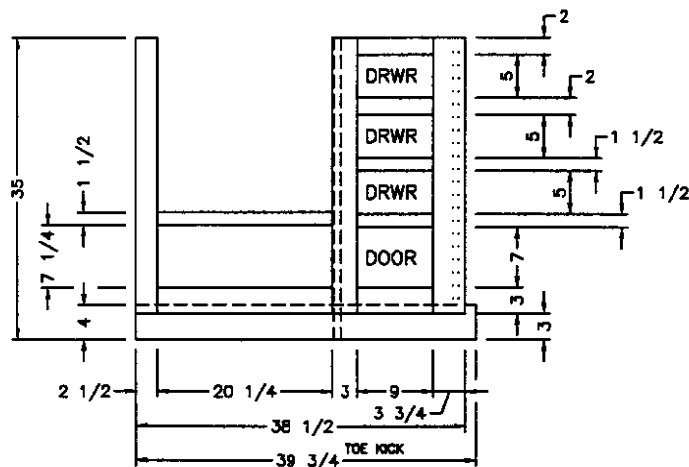
By:
Date:
By:
Date:



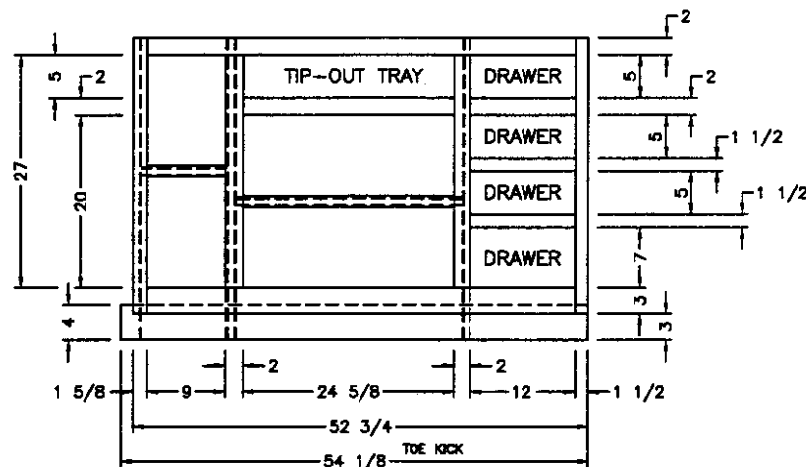
NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--75TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	AS/KS 29' WRKD-FW	1 of 2	Mike Walter	<i>13</i>		Date:
Title:	I.D. #	Date:	Date:	Date:	Revision:	By:
Counter top detail	cabfw/c/719	6/19/96	6-19			Date:

DOOR LIST:

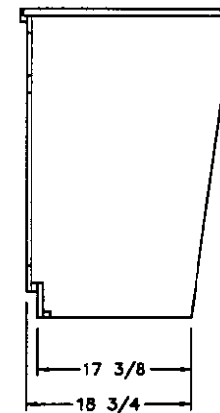
- (3) 9 1/2 x 5 3/4 FRONT
- (1) 9 1/2 x 7 3/4 DOOR BOTTOM HNGE
- (1) 9 1/2 x 27 1/2
- (1) 25 x 5 3/4 FRONT
- (2) 12 1/2 x 20 1/2
- (3) 12 1/2 x 5 3/4 FRONT
- (1) 12 1/2 x 7 3/4 FRONT
- (1) 20 3/4 x 7 3/4 Grill



DOOR SIDE KITCHEN BASE



REAR KITCHEN BASE



REAR KITCHEN BASE
(SIDE VIEW)

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

Title block--75TB

'97 Model:
AS/KS 29' WRKD-FW
Title:
Base cabinets

Sheet
2 of 2
I.D. #
cabfw/c/719

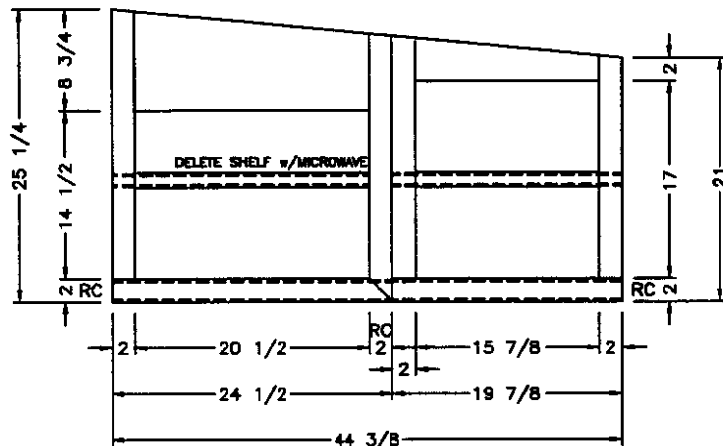
Drawn by:
Mike Walter
Date:
6/19/96

Checked by:
Wgm
Date:
9-17

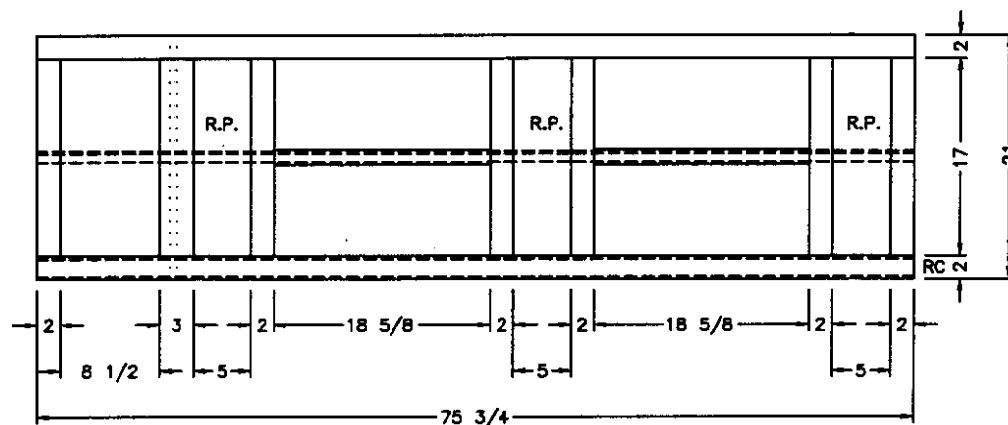
Revision: Removed louvered doors and added grill. (PCR 97-835)

Revision:

By: Mike
Date: 9/17
By:
Date:



SIDE KITCHEN OVERHEAD
16 3/4" DEPTH 12" DEPTH



REAR KITCHEN OVERHEAD
12" DEPTH

DOOR LIST:

- (4) 9 1/2x17 1/2
- (1) 16 1/2x17 1/2
- (2) 10 1/2x17 1/2
w/OUT MICROWAVE

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

'97 Model:
American Star 29' WRKD-FW

Title:
Rear overhead cabinets

Sheet
1 of 4

I.D. #
cabfw/c/718

Drawn by:
Mike Walter

Date:
6/19/96

Checked by:
B

Date:
7-9

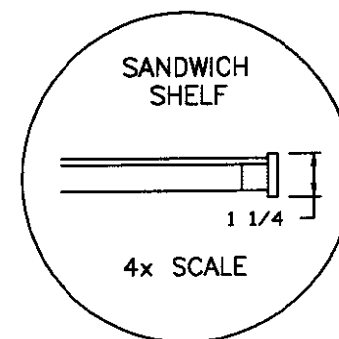
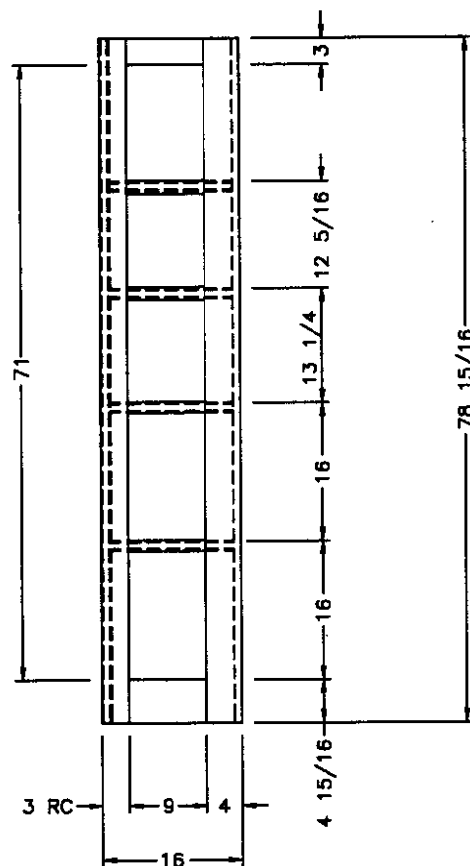
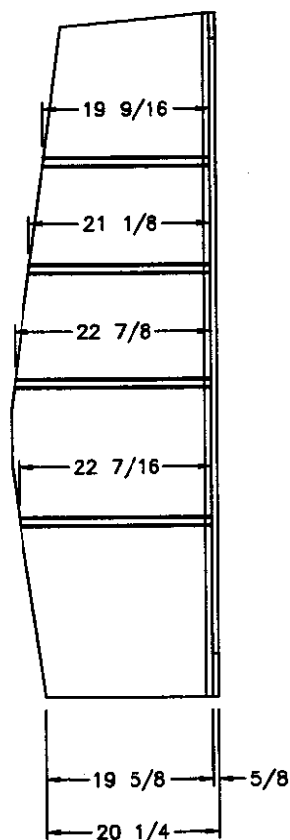
Revision: Changed the depth of the microwave cabinet from 20" to
16 3/4".

Revision:

By: Mike
Date: 6/28

By:
Date:

CUT TO MATCH
TEMPLATE

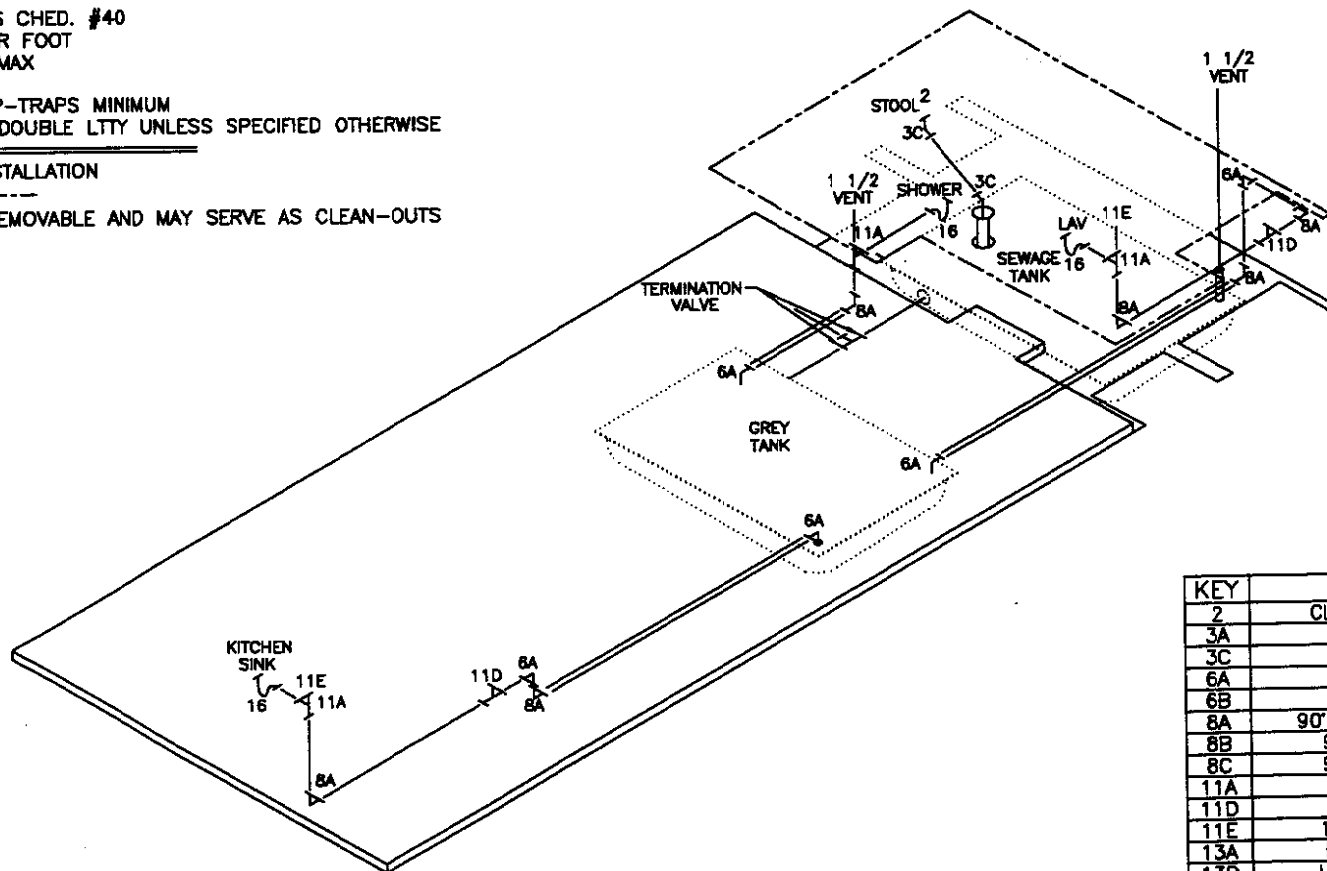


AMERICAN STAR

DOOR LIST:
(1) 9 1/2 X 71 1/2

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46560 Title block--75TB	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	American Star 29' WRKD-FW	1 of 2	Mike Walter	<i>B</i>		Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Pantry	cabfw/w/728	6/19/96	6-19		Date:

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 ASE A DOUBLE LTTY UNLESS SPECIFIED OTHERWISE
 BELOW FLOOR PLUMBING
 SEE TYPICAL FOR WASHER INSTALLATION
 BATH FLOOR LOCATION-----
 ALL P-TRAP FIXTURES ARE REMOVABLE AND MAY 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"
13D	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	DBL LG SWP TY-3"
15A	TEE WYE-1 1/2"
16	P-TRAP W/UNION JOINT

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

'97 Model:
 AS/KS 29' WRKD-FW

Title:
 Drain plumbing

Sheet
 1 of 3

I.D. #
 co/c/7129wrkd

Drawn by:
 Mike Walter

Date:
 6/19/96

Checked by:

Date:

Revision:

Revision:

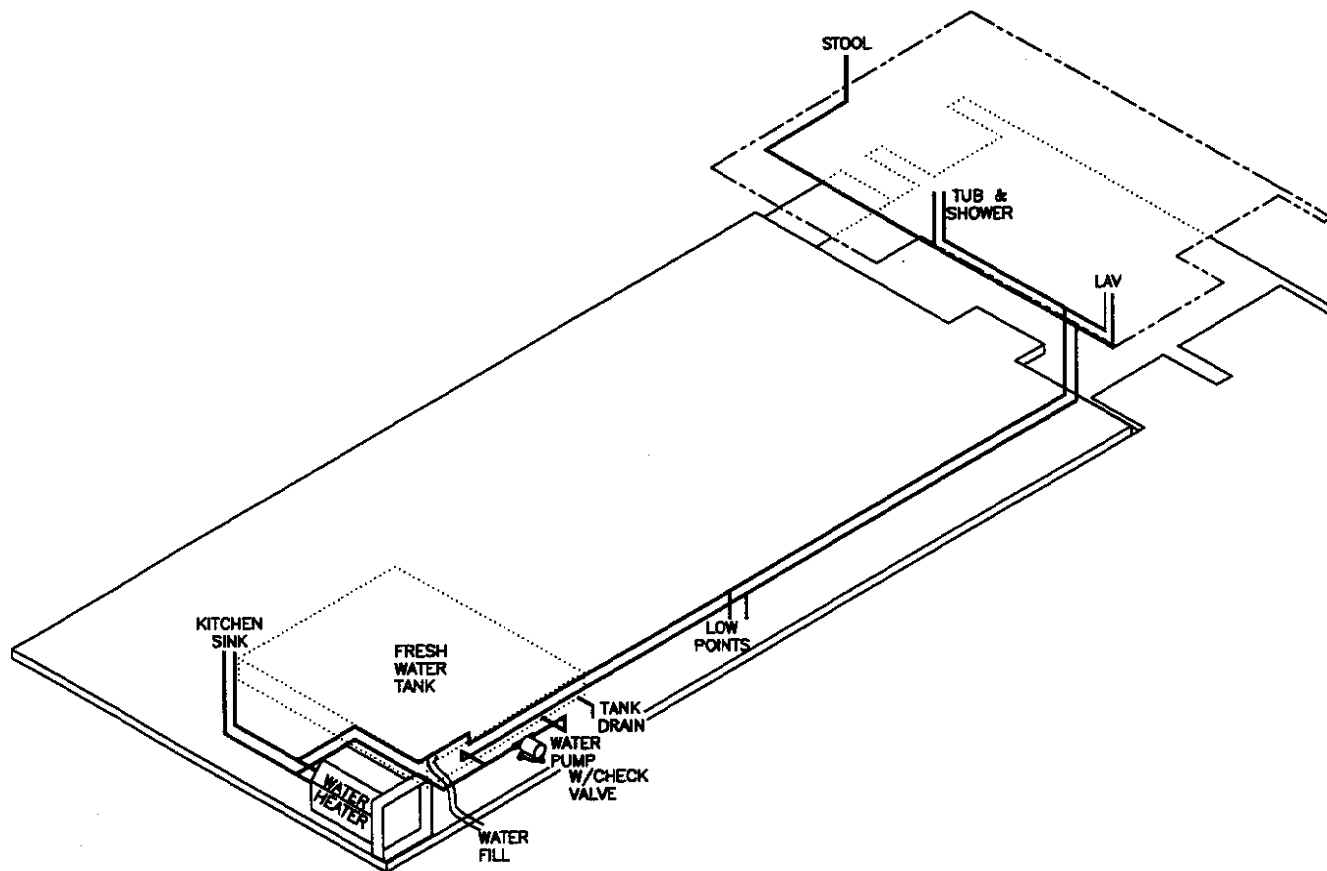
By:

Date:

By:

Date:

Title block--375TB



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

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 Title block--3751B	'97 Model:	Sheet	Drawn by:	Checked by:	Revision:	By:
	AS/KS 29' WRKD-FW	2 of 3	Mike Walter			Date:
	Title:	I.D. #	Date:	Date:	Revision:	By:
	Plumbing lines	co/c/7f29wrkd	6/19/96			Date:

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

BTU's

30000

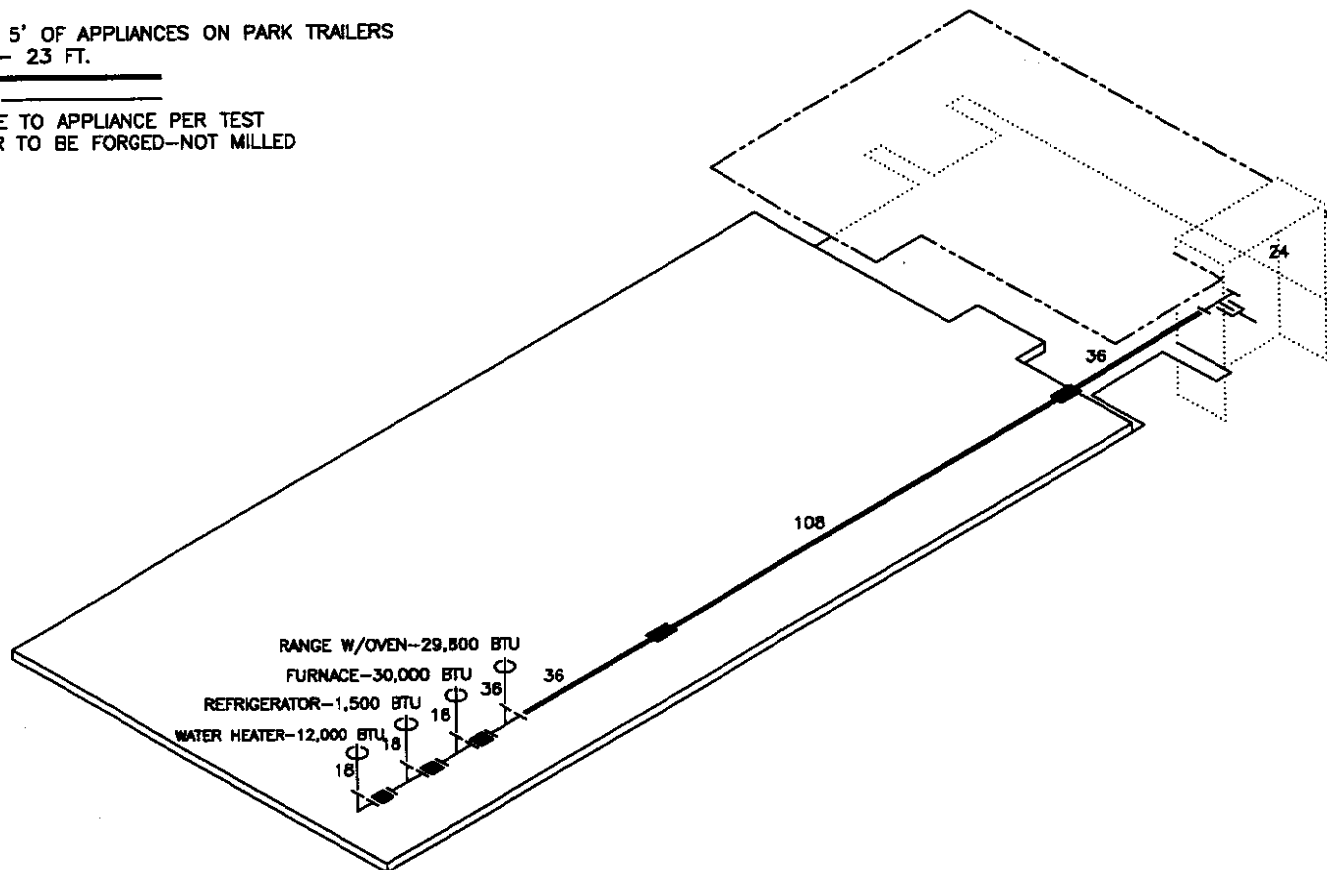
29800

1500

12000

Total BTU

73300



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

Title block--375TB

'97 Model:

AS/KS 29' WRKD-FW

Title:

Gas lines

Sheet

3 of 3

I.D. #

co/c/7f29wrkd

Drawn by:

Mike Walter

Date:

6/19/96

Checked by:

Date:

Revision: Revised the water heater btu's from 1220 to 12000.

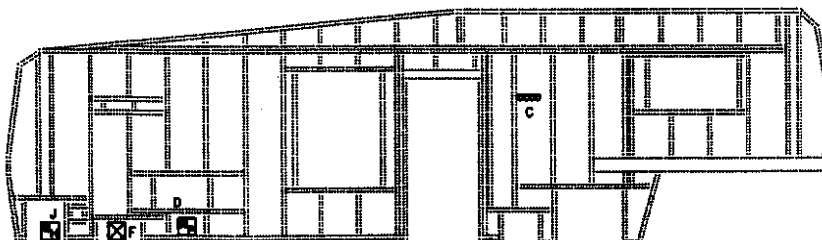
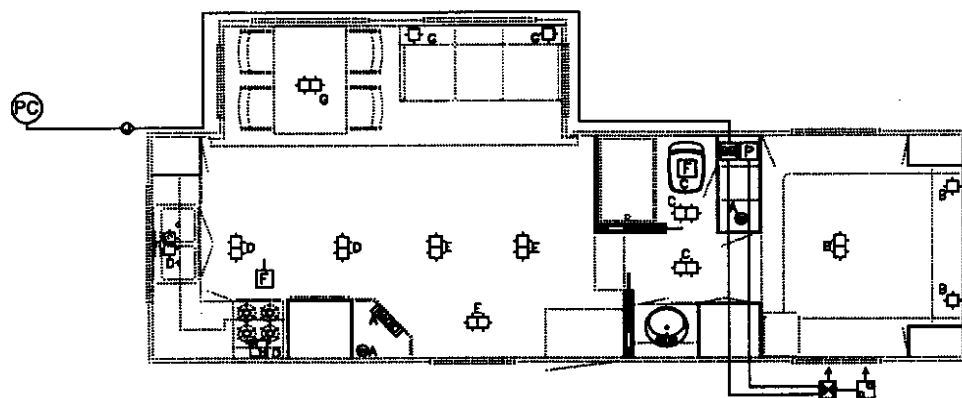
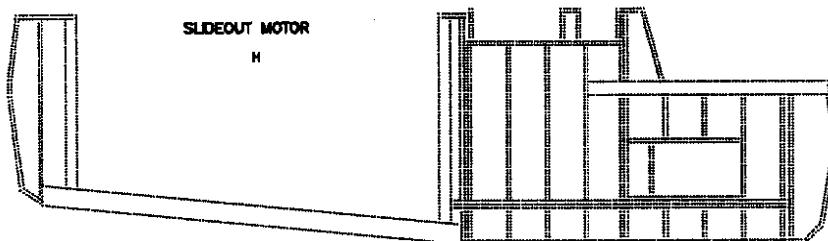
Revision: Added the total btu for arizona.

By: Mike

Date: 8/23

By: Mike

Date: 7/17



ELECTRICAL SYMBOLS

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

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) C.S.T. 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. 48550

'97 Model:
AS/KS 29' WRKD-FW
 Title:
12 Volt wiring specifications

Sheet
1 of 4
 I.D. #
co/e/7129wrkd

Drawn by:
Mike Walter
 Date:
6/19/96

Checked by:
 Date:

Revision: Relocated the breaker box. (PCR 97-553)

Revision:

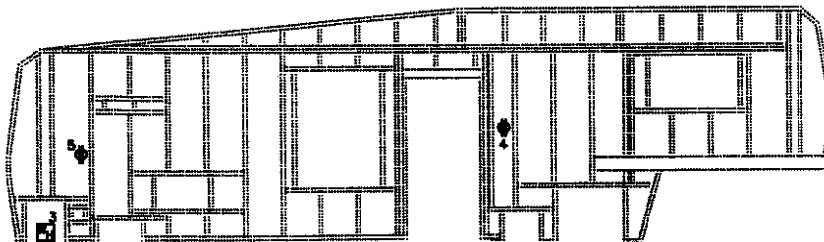
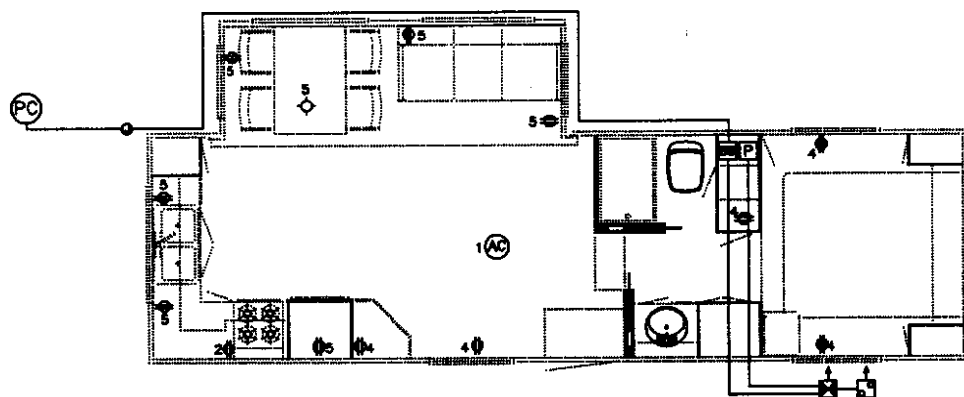
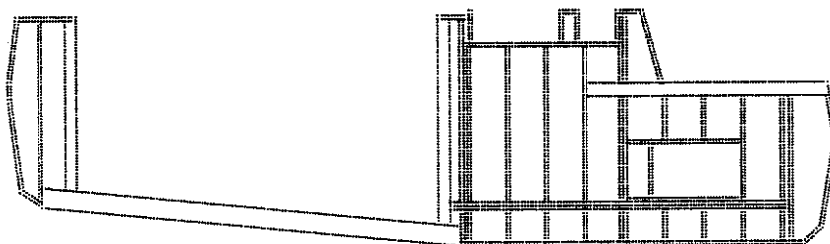
By: Mike

Date: 8/7

By:

Date:

Title block--ELECTB



ELECTRICAL SYMBOLS

W _H	WATER HEATER	BB	30 AMP BREAKER BOX 50 AMP OPTION
C _F	110V CEILING FAN	◻	CONVERTER
AC	AIR CONDITIONER	P	12V DISTRIBUTION PANEL
PC	POWER CORD	⊙	12V STORAGE BATTERY
S	110 V SWITCH	⊕	110V RECEPT
L	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

50 AMP
OPTION

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

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

Title block--ELECTB

'97 Model:
 AS/KS 29' WRKD-FW

Title:
 110 Volt wiring specifications

Sheet
 2 of 4

I.D. #
 co/e/7f29wrkd

Drawn by:
 Mike Walter

Date:
 6/19/96

Checked by:
 WFN

Date:
 9-30

Revision: Added a recept. behind the refrigerator.

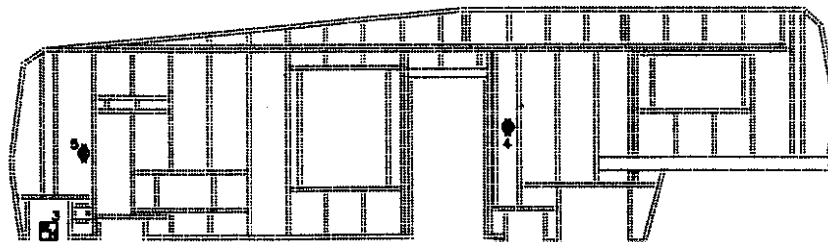
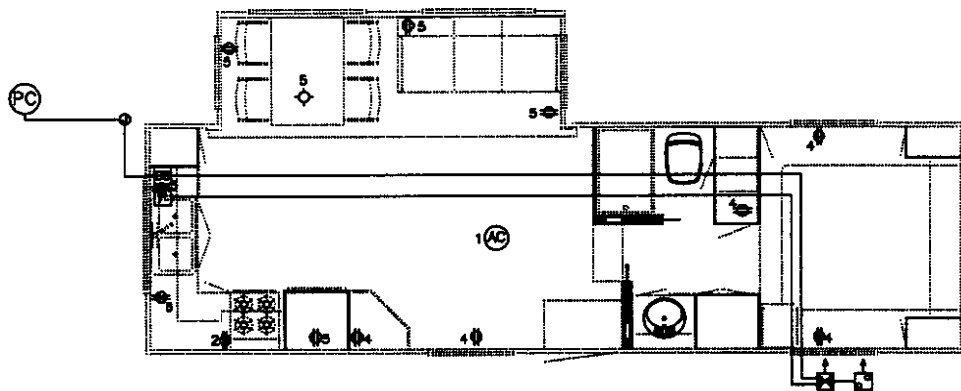
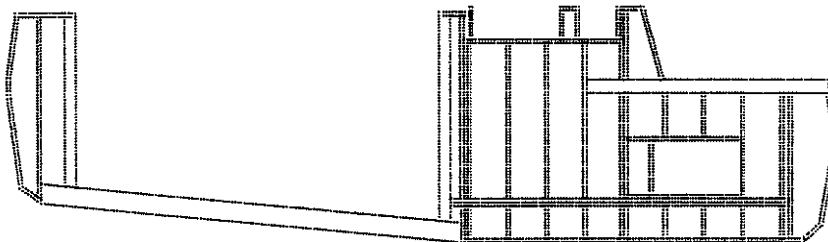
Revision: Relocated the breaker box. (PCR 97-553)

By: Mike

Date: 9/27

By: Mike

Date: 8/7



ELECTRICAL SYMBOLS

W _H	WATER HEATER	BB	30 AMP BREAKER BOX 50 AMP OPTION
C _F	110V CEILING FAN		CONVERTER
AC	AIR CONDITIONER	P	12V DISTRIBUTION PANEL
PC	POWER CORD		12V STORAGE BATTERY
S	110 V SWITCH		110V RECEPT
L	110V LIGHT		COMP. GF 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

P - #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,
Napppanee, IN. 46550

'97 Model:
AS/KS 29' WRKD-FW
Title:
CSA 30 Amp wiring specifications

Sheet
3 of 4
I.D. #
co/e/7f29wrkd

Drawn by:
Mike Walter
Date:
6/19/96

Checked by:
104M
Date:
9-20

Revision: Added a recept. behind the refrigerator.

By: Mike

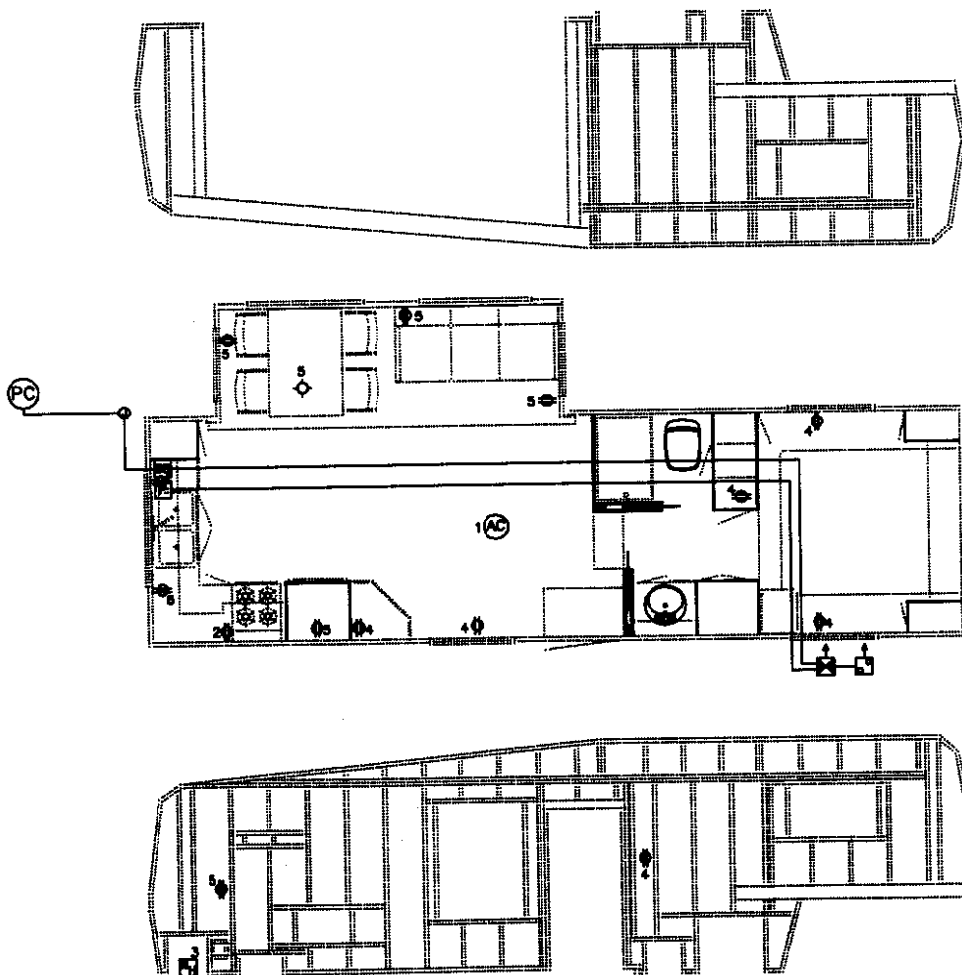
Date: 9/27

Revision: Relocated the breaker box. (PCR 97-553)

By: Mike

Date: 8/7

Title block--ELECTB



ELECTRICAL SYMBOLS

W _H	WATER HEATER	BB	30 AMP BREAKER BOX 50 AMP OPTION
C _F	110V CEILING FAN		CONVERTER
AC	AIR CONDITIONER	P	12V DISTRIBUTION PANEL
PC	POWER CORD		12V STORAGE BATTERY
S	110 V SWITCH		110V RECEPT
	110V LIGHT		COMP. GFI BREAKER & RECEPT
		J	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
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. 46560

'97 Model:
AS/KS 29' WRKD-FW
 Title:
CSA 50 Amp wiring specifications

Sheet
4 of 4
 I.D. #
co/e/7f29wrkd

Drawn by:
Mike Walter
 Date:
6/19/96

Checked by:
WJW
 Date:
8-30

Revision: Added a recept. behind the refrigerator.

By: Mike

Date: 9/27

Revision: Relocated the breaker box. (PCR 97-553)

By: Mike

Date: 8/7

Title block--ELECTB