

**CREST HOMES
ELECTRICAL FEEDER
CALCULATION**

MODEL: 5032-1037

1. LIGHTING LOAD:

1st floor
length = 50.00 ft.
width = 32.00 ft.

2nd floor
length = ft.
width = ft.

Total area = 1456 sq.ft.
x 3 VA
4368 VA

Minimum number of 15 Amp circuits = 3

2. SMALL APPLIANCE LOAD:

Number of circuits = 4
x 1500 VA
6000 VA

3. LAUNDRY LOAD:

Number of circuits = 1
x 1500 VA
1500 VA

4. APPLIANCE LOAD:

Electric Range =	12100	VA
Electric Water Heater =	5000	VA
Electric Clothes Dryer =	5600	VA
Cooktop =	0	VA
Wall Oven =	0	VA
Freezer =	1200	VA
Dishwasher & Disposal =	1920	VA
Gas furnace motor =	0	VA
Micro-wave oven	1200	VA

5. TOTAL OF OTHER LOADS (1, 2 & 3)

	LEG A
Lighting load =	4368
Small appliance load =	6000
Laundry =	1500
Appliance load =	27020
Sub-Total =	38888

10000 VA @ 100% = 10000
Remainder @ 40% = 11555
Total = 21555 VA
89.81 AMPS

6. HVAC LOAD:

Lineal feet of baseboard heaters = 0
Number of baseboard heater circuits = 1
Total baseboard heater load = 0.0 Amps
Use 65% w/ less than 4 or 40% w/ 4 or more circuits (*)
Electric furnace @ 65% (*)
Circuit 1 = 47 Amps 30.36 Amps
Circuit 2 = 47 Amps 30.75 Amps
Air conditioner (*)
Total HVAC load (*- Use largest of these only) = 61.10 Amps

7. TOTAL OF ALL LOADS = 150.91 Amps

OPEN 2002 NEC

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IU SECTION
23-344

BOARD OF
ELECTRICAL STANDARDS
AUG 12 2002
SPECIALIZED UNIT
SELECTED

ELC-1037.1

1250 Indiana

ROOF FRAMING (FLAT)	116.5	0.0312	3.6
ROOF CAVITY (FLAT)	1339.5	0.0255	34.2
ROOF FRAMING (VAULT)	0.0	0.0000	0.0
ROOF CAVITY (VAULT)	0.0	0.0000	0.0
ROOF TOTAL:	1456.0		37.8

ACTUAL OVERALL WALL U-VALUE = 0.0260

THE ROOF COMPLIES WITH THE REQUIREMENTS.

OVERALL TOTAL:	4224.0	242.4
ALLOWABLE OVERALL U-VALUE =	0.0635	
ACTUAL OVERALL U-VALUE =	0.0574	

THE HOME COMPLIES WITH THE REQUIREMENTS.

HEAT LOSS CALCULATION

TEMPERATURES;

INTERIOR: 72 DEGREES F.
EXTERIOR: -10 DEGREES F.
DESIGN: 82 DEGREES F.

COMPONENTS	AREA (SQ FT):	U-VALUE:	BTU/h LOSS AT DESIGN TEMP.
FLOOR FRAMING	145.6	0.1033	1233.3
FLOOR CAVITY	1310.4	0.0479	5147.0
WINDOW (STD.)	0.0	0.0000	0.0
WINDOW (W/STORM)	0.0	0.0000	0.0
WINDOW (THERMOPANE)	0.0	0.0000	0.0
WINDOW (LOW-E)	131.7	0.3700	3995.8
WINDOW (LOW-E W/STORM)	0.0	0.0000	0.0
DOOR (STD.)	41.0	0.2500	840.5
DOOR (INSULATED)	0.0	0.0000	0.0
PATIO DOOR (STD.)	0.0	0.4100	0.0
PATIO DOOR (UPGRADE)	0.0	0.0000	0.0
WALL FRAMING	196.8	0.1149	1854.2
WALL CAVITY	942.5	0.0480	3709.7
ROOF FRAMING (FLAT)	116.5	0.0312	298.0
ROOF CAVITY (FLAT)	1339.5	0.0255	2800.9
ROOF FRAMING (VAULT)	0.0	0.0000	0.0
ROOF CAVITY (VAULT)	0.0	0.0000	0.0
AIR INFILTRATION	ACPR = 1.0		
(CU. FT. x AIR CHANGES PER HOUR x .0167) x 1.1 x DESIGN TEMP			17545.8
EXHAUST AIR MAKE-UP	CFM = 100		
CFM x 1.1 x DESIGN TEMP			9020.0
TOTAL BTU/H LOSS AT DESIGN TEMPERATURE =			46445

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REGISTERED UNIT
 APPROVED
 JUN 12 2002

T-1037.2

**CREST HOMES CORPORATION
THERMAL COMPLIANCE
CALCULATION**

MODEL NO.:	5032-1037		R-VALUE
ORDER NO.:		FLOOR:	11
SERIAL NO.:		WALL:	19
CUSTOMER:		ROOF:	
DATE:	6/12/02	FLAT:	40
ASHRAE 90.1/1999		VAULT:	40

DIMENSIONS (FEET)			
LENGTH:	56.00	WIDTH:	26.00
		HEIGHT:	8.00
FLOOR AREA (SQ FT):	1456.0	JOIST SPACING (IN):	16
WALL AREA (SQ FT):	1312.0	STUD SPACING (IN):	16
ROOF AREA PERCENTAGE		RAFTER SPACING (IN):	24
FLAT:	100 %		
VAULT:	0 %		

CERTIFICATION REQUIREMENTS				
STATE:	MAXIMUM ALLOWABLE U-VALUES;			D.D.:
OHIO	FLOOR:	WALL:	ROOF:	
	0.0500	0.1200	0.0260	6514

CALCULATION			
COMPONENT:	AREA (SQ FT):	U-VALUE:	BTU/h
FLOOR FRAMING	145.6	0.1033	15.0
FLOOR CAVITY	1310.4	0.0479	62.8
			0.0
FLOOR TOTAL:	1456.0		77.8
ACTUAL OVERALL FLOOR U-VALUE =		0.0534	

THE FLOOR DOES NOT COMPLY WITH THE REQUIREMENTS.

NOTE: Floor insulation may be omitted p are met on-site; 1. basement walls must be insulated to meet all applicable codes and 2. the basement space is conditioned.

WINDOW (STD.)			0.0
WINDOW (W/STORM)			0.0
WINDOW (THERMOPANE)			0.0
WINDOW (LOW-E)	131.7	0.3700	48.7
WINDOW (LOW-E W/STORM)			0.0
DOOR (STD.)	41.0	0.2500	10.3
DOOR (INSULATED)			0.0
PATIO DOOR (STD.)		0.4100	0.0
PATIO DOOR (UPGRADE)			0.0
WALL FRAMING	196.8	0.1149	22.6
WALL CAVITY	942.5	0.0480	45.2
WALL TOTAL:	1312.0		126.8

ACTUAL OVERALL WALL U-VALUE = 0.0967

THE WALL COMPLIES WITH THE REQUIREMENTS.

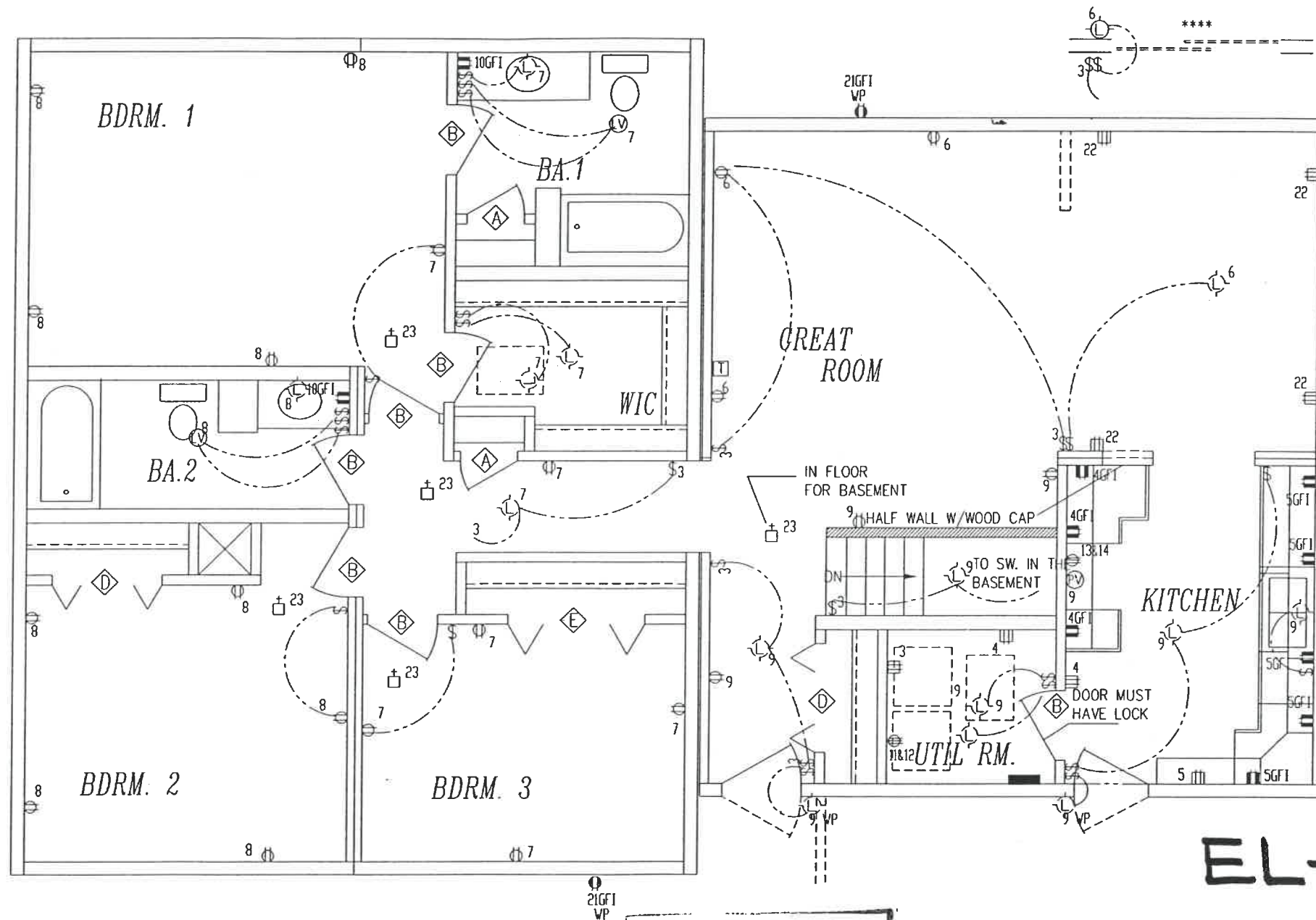
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**OHIO BOARD OF
BUILDING STANDARDS
INDUSTRIAL UNIT
APPROVED**

T-1037.1

FIELD NOTES:

- SEE C-503 (PG-1X1,2,3A,4 OF 4) FOR FLOOR PLAN, GENERAL AND STATE SPECIFIC NOTES. (GN-1.0 & 1.1 OHIO ONLY)
- SEE DRAWING C-503 (PG-5) EL-1.0 FOR TYPICAL ELECTRICAL INFORMATION.
- RECEPTS TO BE WITHIN 12" BELOW COUNTERTOP.
- SERVICE PANEL IS LOCATED IN THE BASEMENT OR AS SHOWN ON FIRST FLOOR.
- MOVE BASEBOARD HEATER WHEN PATIO DOOR/ FIREPLACE IS INSTALLED.
- NO HYDRO MASSAGE TUBS. OPTIONAL ON GF1 CIRC.
- ELEC. PANEL, RECEPTS, SWITCHES & LIGHT MAY BE RELOCATED BUT THEY MUST SATISFY ALL APPLICABLE CODES.
- ALL 15 & 20 AMP. CIRCUITS FEEDING ELEC. RECEPTS AND OTHER OUTLETS IN BEDROOMS MUST BE PROTECTED BY ARC-FAULT INTERRUPTERS AS REQUIRED BY NEC '99 OR NEC 2002 EFFECTIVE FROM JAN. 1, 2002

**** PATIO DOOR
STD. FOR WISCONSIN.



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EL-1037.1

SITE BUILT GARAGE

* FIELD WORK

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CREST HOMES

RV	DESCRIPTION	DATE	BY	TITLE:
A	CALL SIZE, BATH, BSMT	9-18-00	HLG	SERIES: RANCD
-	-	-	-	SCALE: 3/16"=12" DRWN. BY: HLG
-	-	-	-	DATE: 8-28-00 HIM PG:
-	-	-	-	FILE NAME: 50321037
-	-	-	-	DWG. NO
-	-	-	-	REV

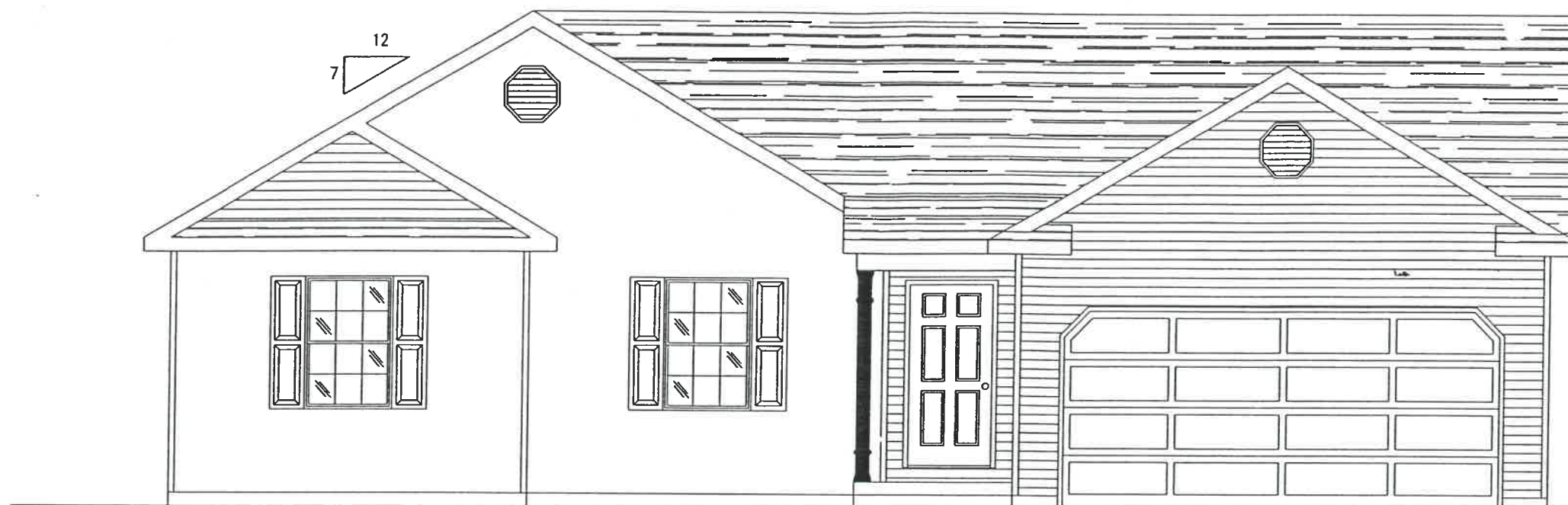
OHIO BOARD OF
BUILDING STANDARDS
AUG 12 2002
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2002 NEC

⊕	SWITCH (3 WAY, ETC)	⊕	DUPLEX RECEPT (15 AMP) FLOOR LEVEL
⊕ _p	LIGHT (PULL CHAIN)	⊕ _c	DUPLEX RECEPT (15 AMP) CABINET LEVEL
⊕ _v	CEILING POWERED VENT	⊕ _v	240 VOLT RECEPT
⊕ _{pv}	RANGE HOOD-POWER VENT	⊕ _{wp}	WEATHERPROOF RECEPT
⊕ _s	SMOKE DETECTOR (AC/DC)	⊕ _f	DUPLEX RECEPT (20 AMP) FLOOR LEVEL
⊕ _t	THERMOSTAT	⊕ _c	DUPLEX RECEPT (20 AMP) CABINET LEVEL
⊕ _j	JUNCTION BOX	⊕ _l	LIGHT/POWER VENT
⊕ _{sp}	SERVICE PANEL	⊕ _w	WATER HEATER
⊕ _h	BASEBOARD HEATER	⊕ _{sl}	SOFFIT LIGHT
⊕ _{opt}	OPT. LIGHT, PADDLE FAN OR PADDLE FAN WITH LIGHT	⊕ _{ch}	DOOR CHIMES

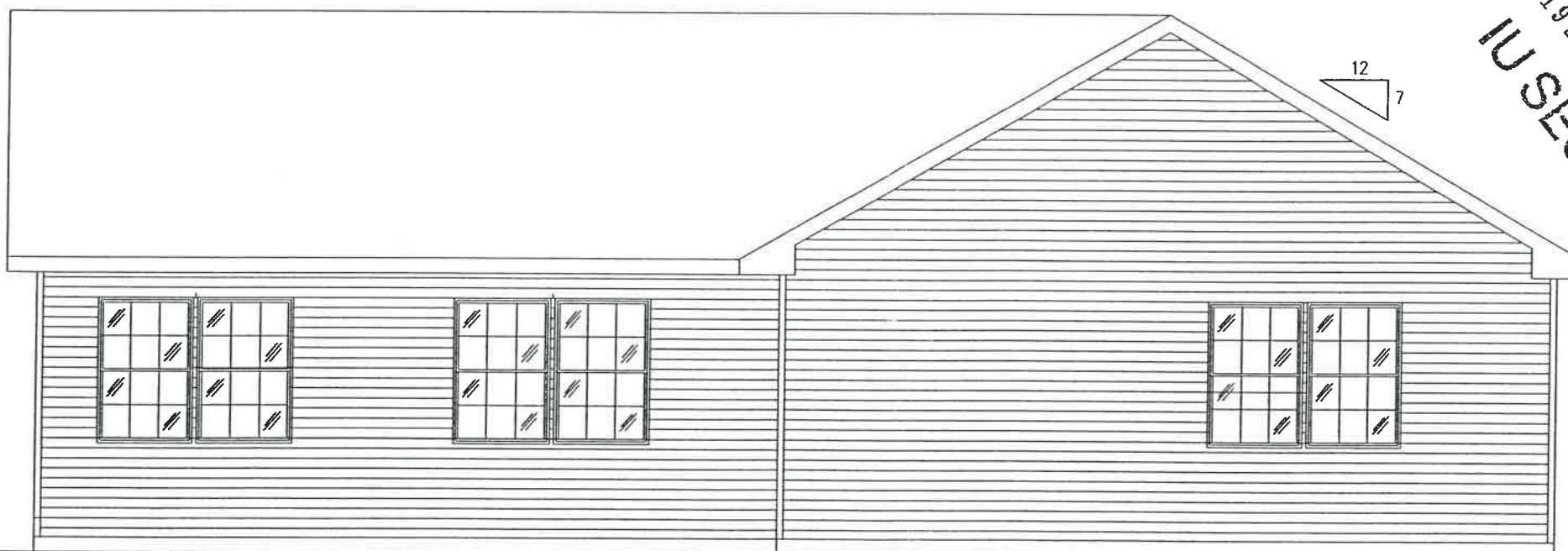
FIELD NOTES

1. ALL NOTES STATING (IN FIELD' OR 'BY OWNER' ARE OBLIGATION PERTAINING TO THE DEALER AND/OR BUILDER.
2. GUTTERS AND LEADER BY OWNER.
3. SHUTTERS ARE STANDARD ON FRONT ON
4. BASEMENT WINDOWS BY OWNER.
5. ALL EXTERIOR LIGHTS ARE FACTORY SUPPLIED AND FIELD INSTALLED.
6. VINYL OR ALUMINUM SIDING FOR RIGHT AND LEFT ENDS IS SHIPPED LOOSE FOR FIELD INSTALLATION.
7. THE BOTTOM ROW OF LAP SIDING ON THE FRONT AND REAR IS SHIPPED LOOSE, ALONG WITH STARTER STRIP FOR FIELD INSTALLATION AFTER FLOOR TO FOUNDATION SILL PLATE.
8. ROOF IS A HINGED SYSTEM REQUIRING FIELD COMPLETION.
9. FOOTINGS, FOUNDATIONS, AND STEPS ARE FIELD OBLIGATED
10. FOR TRUSS LOADING AND SPECIFICATION SEE APPLICABLE TRUSS DRAWINGS.

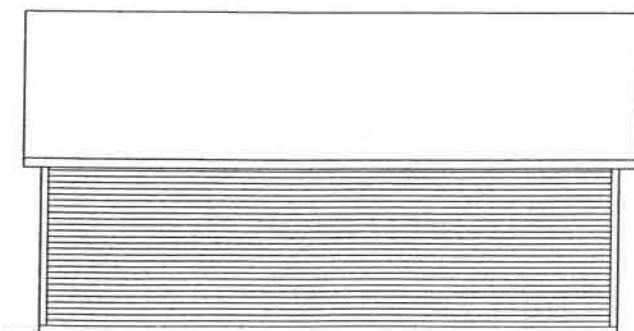


FRONT ELEVATION

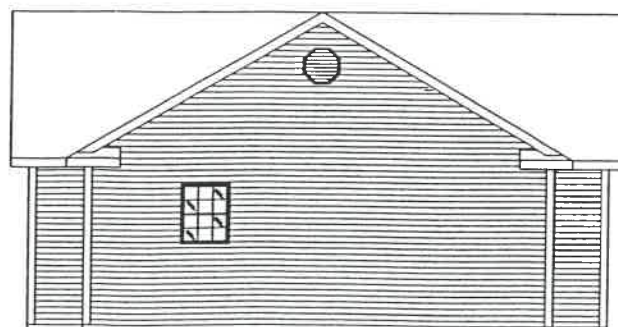
WITH SITE BUILT GARAGE AND OPT 7/12 ROOF



REAR ELEVATION



LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION

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STATE BOARD OF
 BUILDING STANDARDS
 AUG 12 2002
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 APPROVED

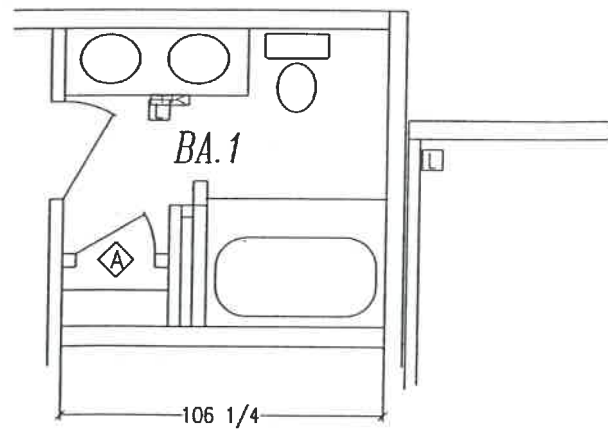
EV-1037.1

*** FIELD WORK**

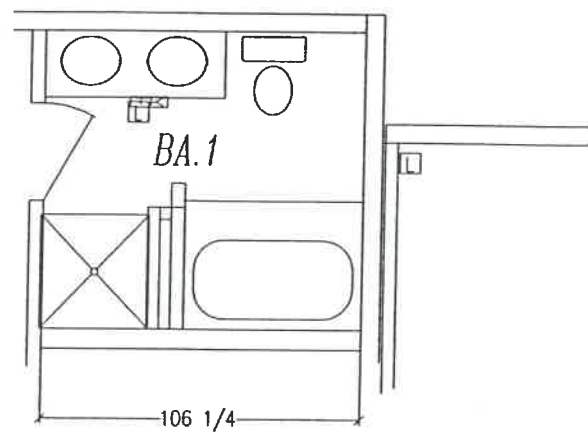
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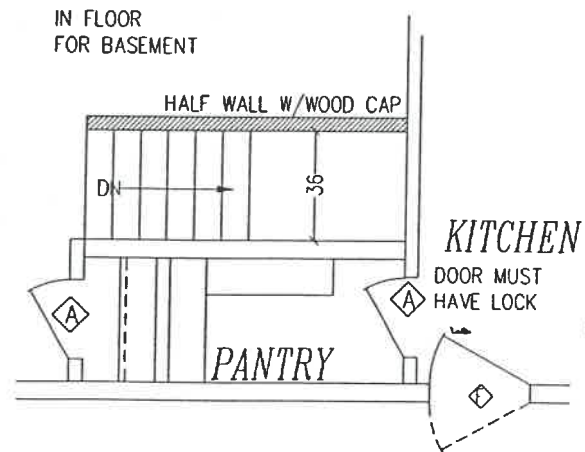
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-	-	-	-	SERIES: RANCD
-	-	-	-	SCALE: 3/16"=12" DRWN. BY: HL
-	-	-	-	DATE: 8-28-00 IJM PG:
-	-	-	-	FILE NAME: 50321037
-	-	-	-	DWG. NO
-	-	-	-	REV



OPT. BA.1

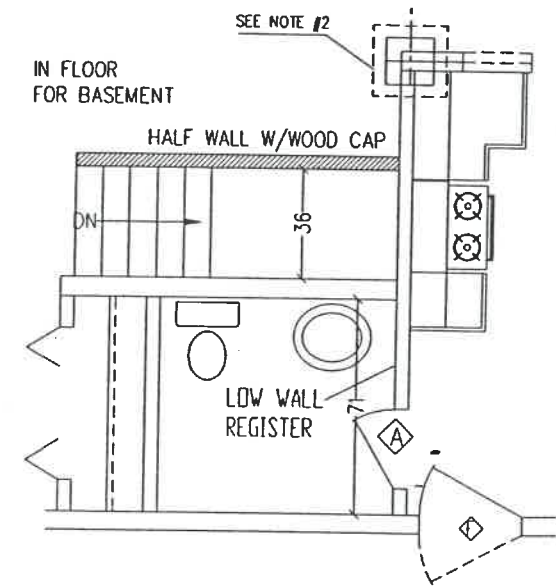


OPT. BA.1 WITH SHOWER



BASEMENT VERSION

WITH LAUNDRY IN BASEMENT

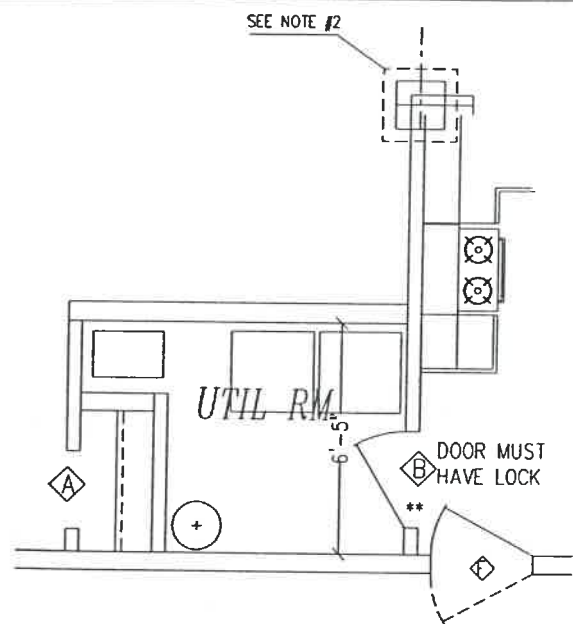


BASEMENT VERSION

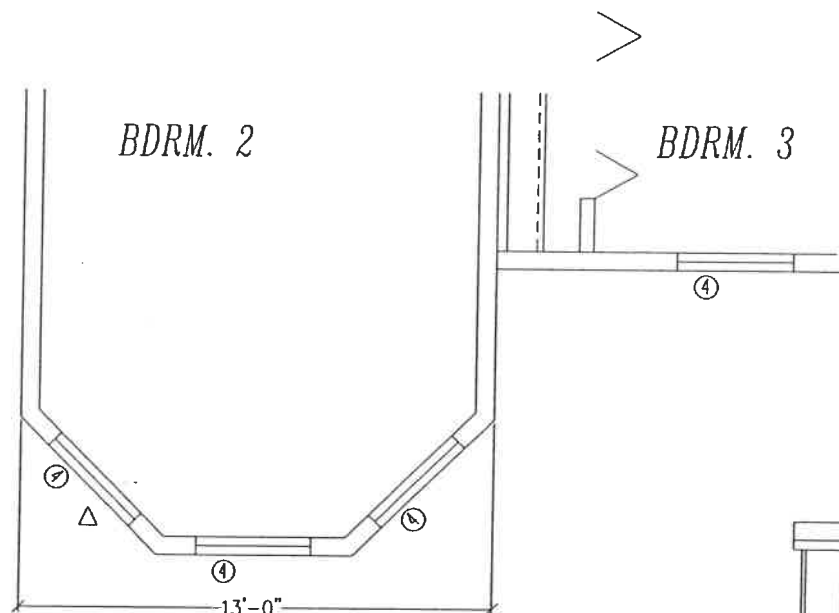
DOWNSTAIRS LAUNDRY WITH 1/2 BATH

KITCHEN

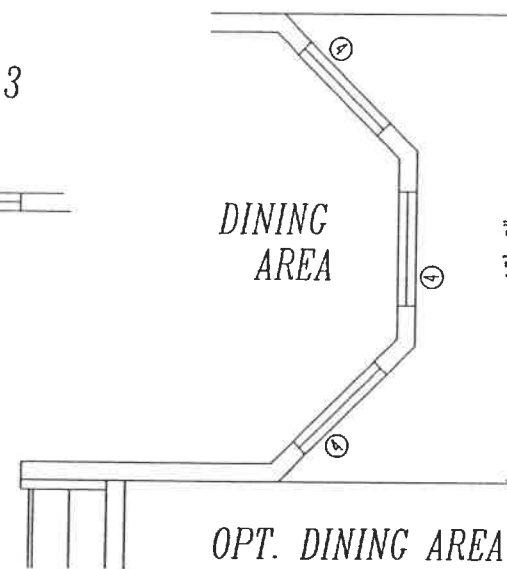
OHIO BOARD OF BUILDING STANDARDS
AUG 17 2002
INDUSTRIALIZED UNIT APPROVED



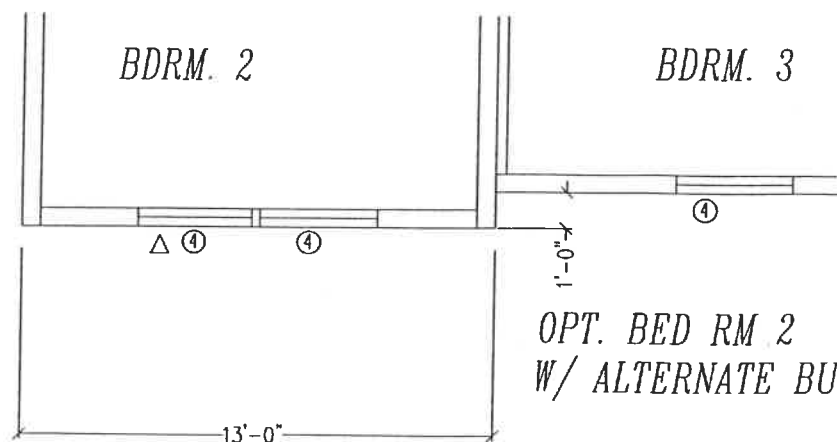
CRAWL SPACE OPTION



OPT. BED RM 2 W/ BUMP OUT



OPT. DINING AREA W/ BUMP OUT



OPT. BED RM 2 W/ ALTERNATE BUMP OUT

FIELD NOTES:

- SEE C-503 (PG-1)(1,2,3,4 OF 4) FOR FLOOR PLAN, GENERAL AND STATE SPECIFIC NOTES. (GN-1.0, 1.1, DW-1.0A & SD-1.0 DHID ONLY)
- A FOUNDATION SUPPORT COLUMN MUST BE LOCATED HERE.
- REFER TO FLOOR PLAN OPTION FOR OPTIONS.
- ATTACHED GARAGE MUST HAVE 1/2" GYPSUM ON BOTH SIDE OF THE WALL SEPARATING THE GARAGE AND THE DWELLING AND ALL EDGES ARE TIGHTLY FITTED. 1 3/4" SOLID CORE 20 MINUTES FIRE RATED WOOD OR INSULATED METAL DOOR. SILL MUST BE 4" ABOVE GARAGE FLOOR. ALL LOCAL CODES APPLY.
- WINDOWS/ DOORS MAY BE ADDED OR RELOCATED IN THE ROOM OR CAN BE SUBSTITUTED WITH ALTERNATE WINDOW/S AND/ OR DOOR/S BUT MUST SATISFY MIN. LIGHT, VENT & SAFETY GLASS [SG] & EGRESS REQUIREMENTS.
- △ INDICATES EGRESS WINDOW.
- MECHANICAL WORKS WILL BE DONE BY OTHERS ON SITE.

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FL-1037.4

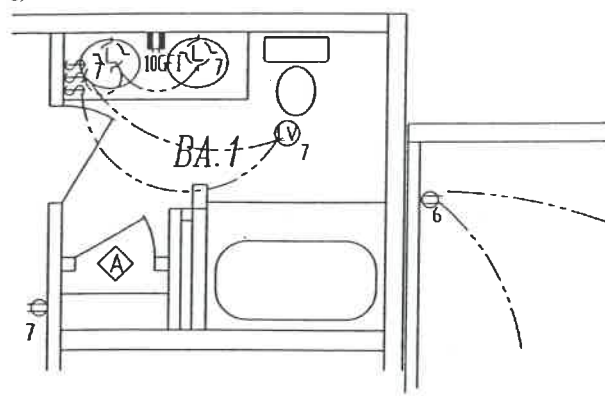
** FOR WISCONSIN

* FIELD WORK

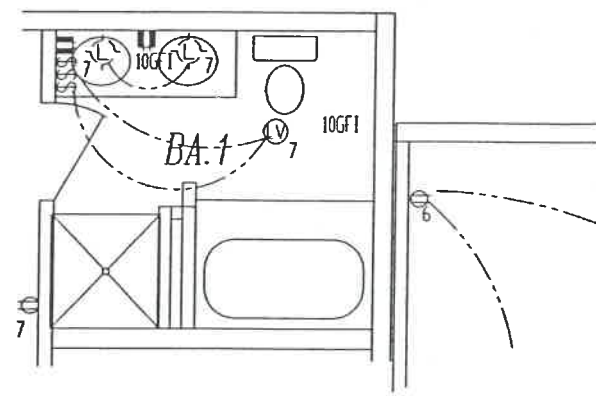
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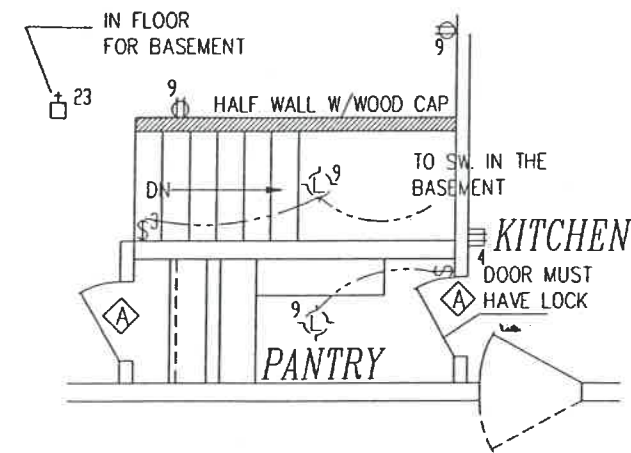
RV	DESCRIPTION	DATE	BY	TITLE:
A	ADD ALT. BUMPOUT DETAIL	12-4-'00	VR	SERIES: RANCD
-	-	-	-	SCALE: 3/16"=12" DRWN. BY: HLG
-	-	-	-	DATE: 8-28-00 HIM PG:
-	-	-	-	FILE NAME: 1037
-	-	-	-	DWG. NO
-	-	-	-	REV A



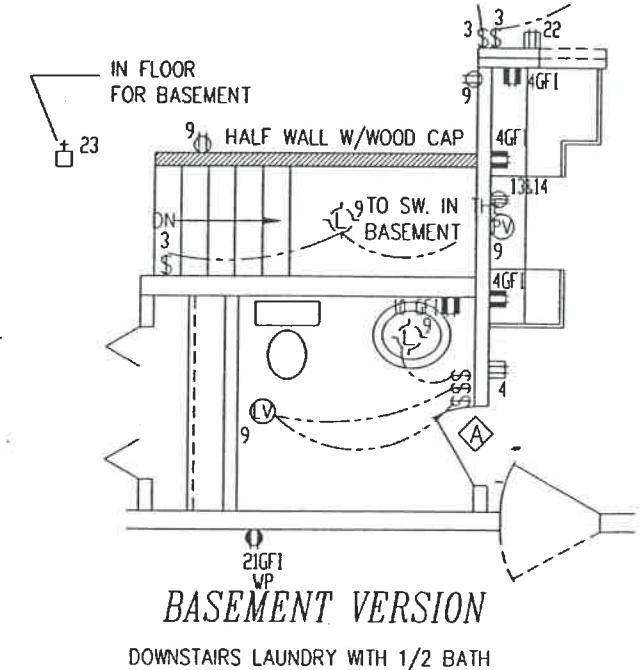
OPT. BA.1



OPT. BA.1 WITH SHOWER

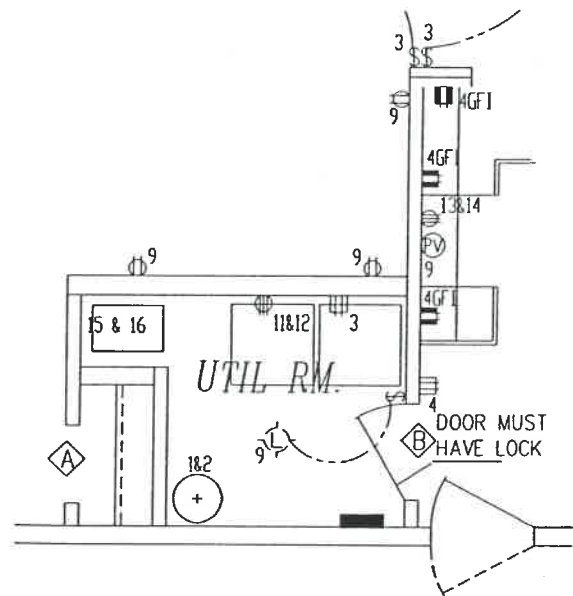


BASEMENT VERSION WITH LAUNDRY IN BASEMENT

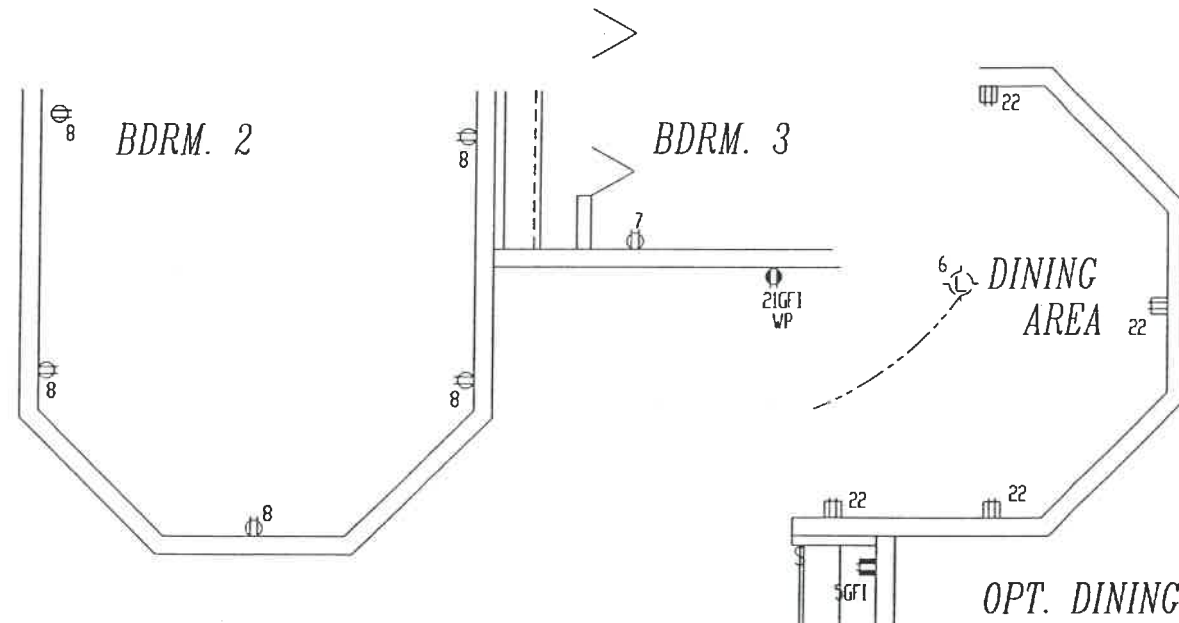


BASEMENT VERSION DOWNSTAIRS LAUNDRY WITH 1/2 BATH

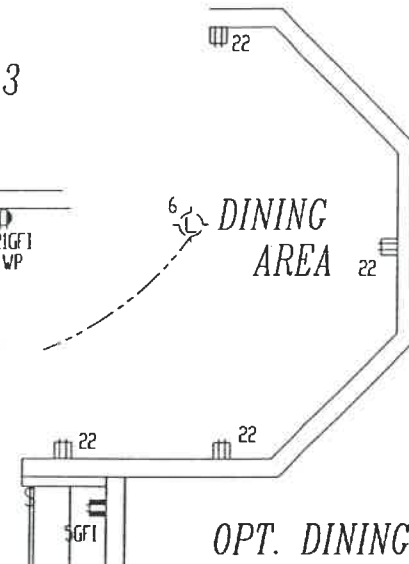
2002
GN-1.0
KITCHEN



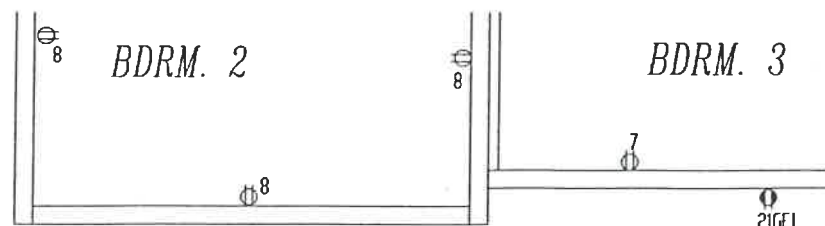
CRAWL SPACE OPTION



OPT. BED RM 2 W/ BUMP OUT



OPT. DINING AREA W/ BUMP OUT



OPT. BED RM. 2 W/ ALTERNATE BUMP OUT

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FIELD NOTES:

- SEE C-503 (PG-1)(2,3A,4 OF 4) FOR FLOOR PLAN, GENERAL AND STATE SPECIFIC NOTES. (GN-1.0 & 1.1 OHIO ONLY)
- SEE DRAWING C-503 (PG-5), EL-1.0 FOR TYPICAL ELECTRICAL INFORMATION.
- ▲ RECEPTS TO BE WITHIN 12" BELOW COUNTERTOP.
- SERVICE PANEL IS LOCATED IN THE BASEMENT OR AS SHOWN ON FIRST FLOOR.
- * MOVE BASEBOARD HEATER WHEN PATIO DOOR/ FIREPLACE IS INSTALLED.
- NO HYDRO MASSAGE TUBS. OPTIONAL ON GFI CIRC.
- ELEC. PANEL, RECEPTS, SWITCHES & LIGHTS MAY BE RELOCATED BUT THEY MUST SATISFY ALL APPLICABLE CODES.
- ALL 15 & 20 AMP. CIRCUITS FEEDING ELEC. RECEPTS AND OTHER OUTLETS IN BEDROOMS MUST BE PROTECTED BY ARC-FAULT INTERRUPTERS AS REQUIRED BY NEC '99 OR NEC 2002 EFFECTIVE FROM JAN. 1, 2002

* **FIELD WORK**

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CREST HOMES

RV	DESCRIPTION	DATE	BY	TITLE:
A	ADD ALT. BUMP OUT DETAIL	12-4-'00	VR	SERIES: RANCD
-	-	-	-	SCALE: 3/16"=12" DRWN. BY: HLG
-	-	-	-	DATE: 8-28-00 HIM PG:
-	-	-	-	FILE NAME: 1037
-	-	-	-	DWG. NO
-	-	-	-	REV A

	SWITCH (3 WAY, ETC.)		DUPLEX RECEPT (15 AMP) FLOOR LEVEL
	LIGHT (PULL CHAIN)		DUPLEX RECEPT (15 AMP) CABINET LEVEL
	CETILING POWERED VENT		240 VOLT RECEPT
	RANGE HOOD-POWER VENT		WEATHERPROOF RECEPT
	SMOKE DETECTOR (AC/DC)		DUPLEX RECEPT (20 AMP) FLOOR LEVEL
	THERMOSTAT		DUPLEX RECEPT (20 AMP) CABINET LEVEL
	JUNCTION BOX		LIGHT/POWER VENT
	SERVICE PANEL		WATER HEATER
	BASEBOARD HEATER		SOFFIT LIGHT
	OPT. LIGHT, PADDLE FAN OR PADDLE FAN WITH LIGHT		DOOR CHIMES

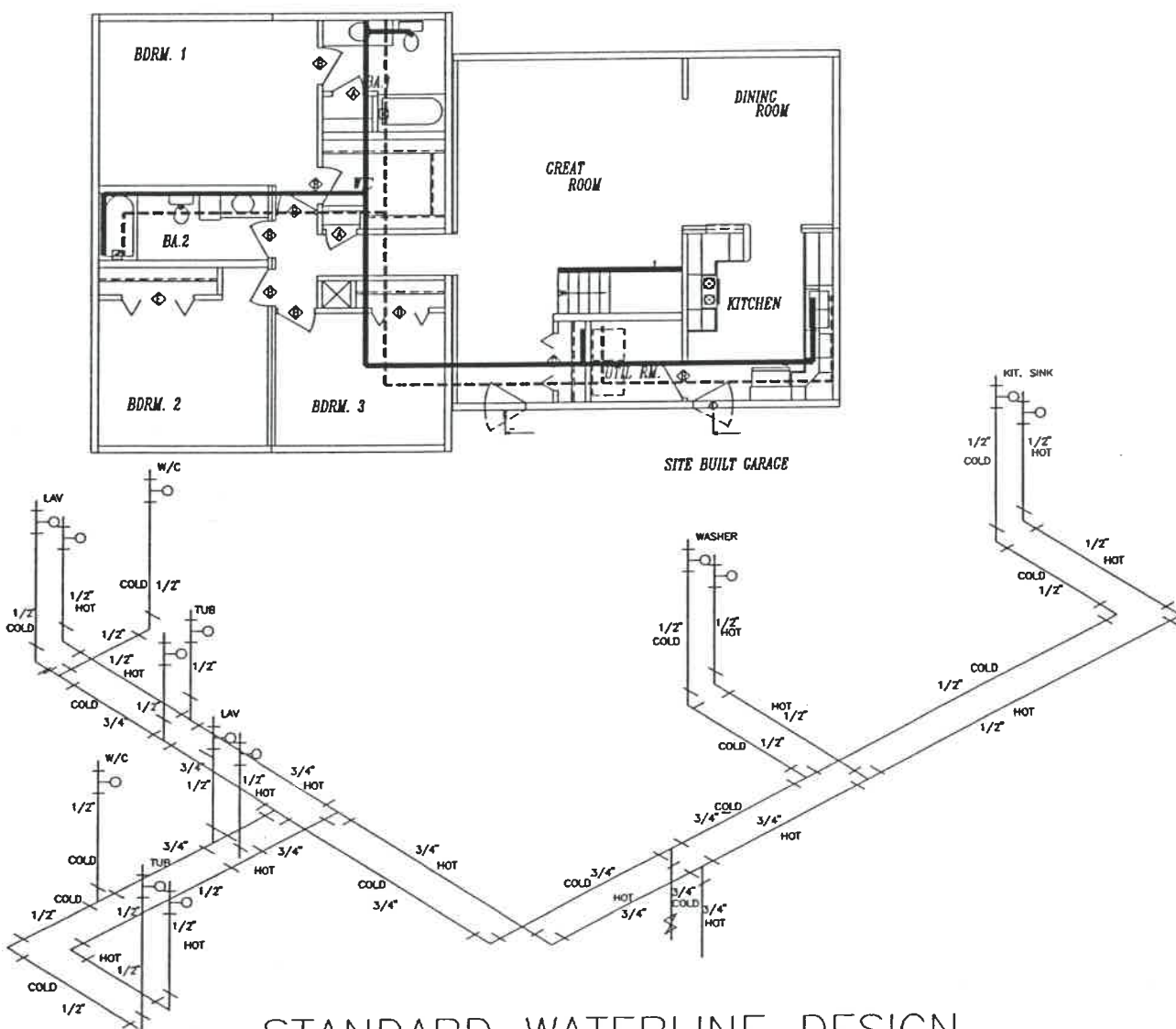
BELOW FLOOR PLUMBING LAYOUT REQUIRES CHASSIS REMOVAL AND IS SUGGESTED ONLY. LAYOUT MAY VARY DUE TO STRUCTURAL INTERFERENCES. IT IS THE BUILDER'S RESPONSIBILITY TO ASSURE THAT ANY VARIATIONS CONFORM TO ALL APPLICABLE CODES.

COLD WATER LINES _____
 HOT WATER LINES - - - - -

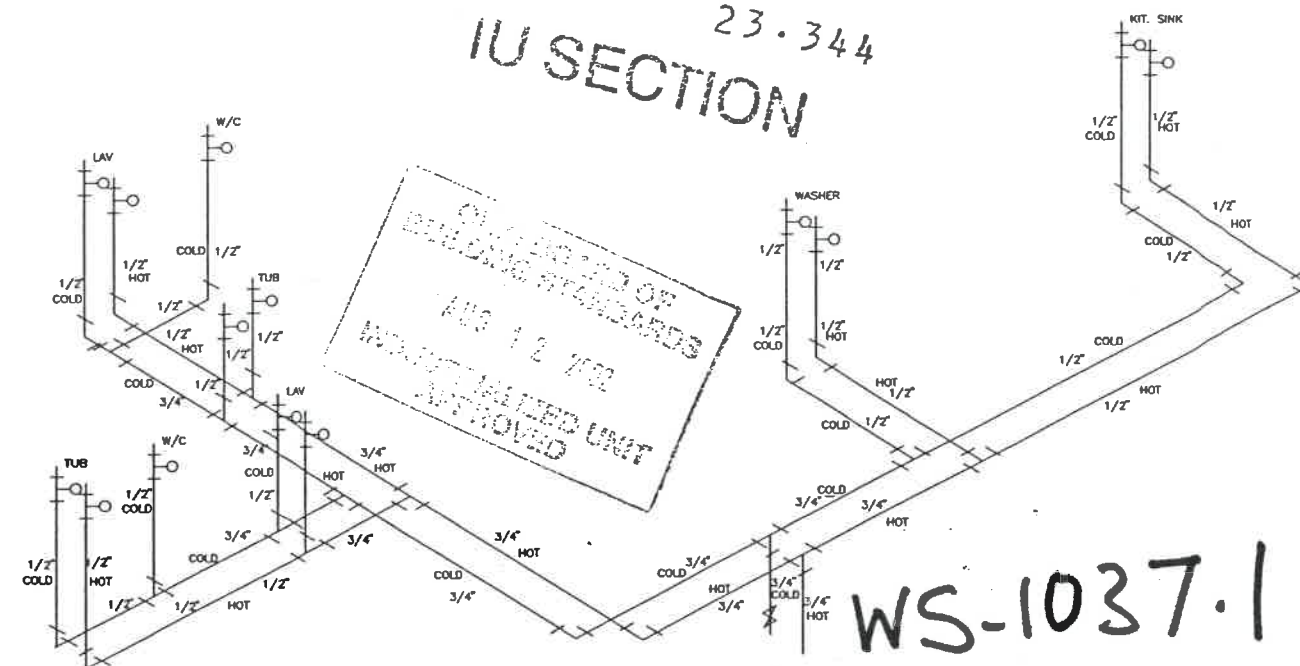
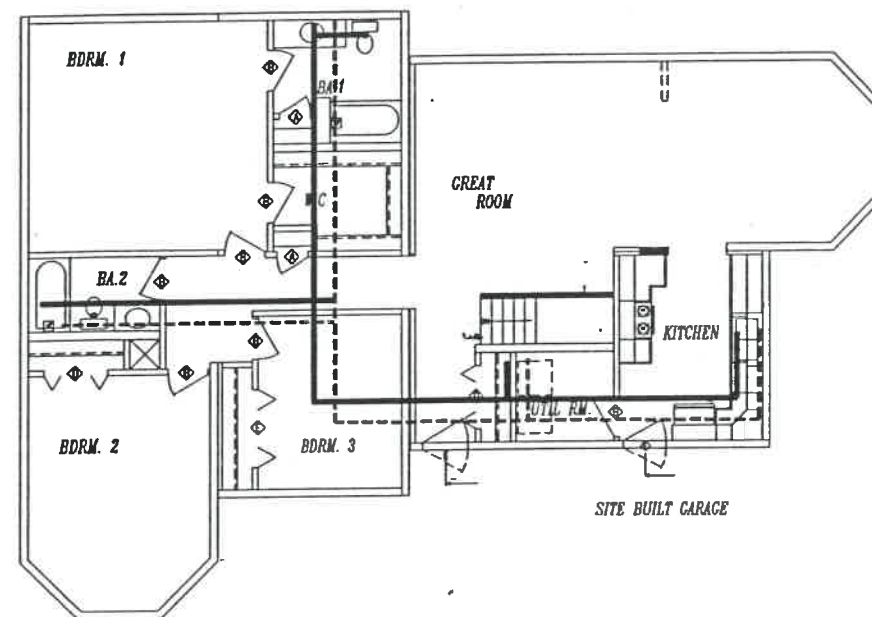
TEE

○

ELBOW



STANDARD WATERLINE DESIGN



WATERLINE DESIGN WITH ALTERNATE BATH 2

* **FIELD WORK**

REV	DESCRIPTION	DATE	BY	DWG. NO	REV
				1037 (PG-6.1)	
				TITLE: WATER SUPPLY LAYOUT	
				SCALE: (22x34) N/A	DATE: 9-26-00
				SCALE: (11x17) N/A	DRWN. BY: VR

Crest Homes

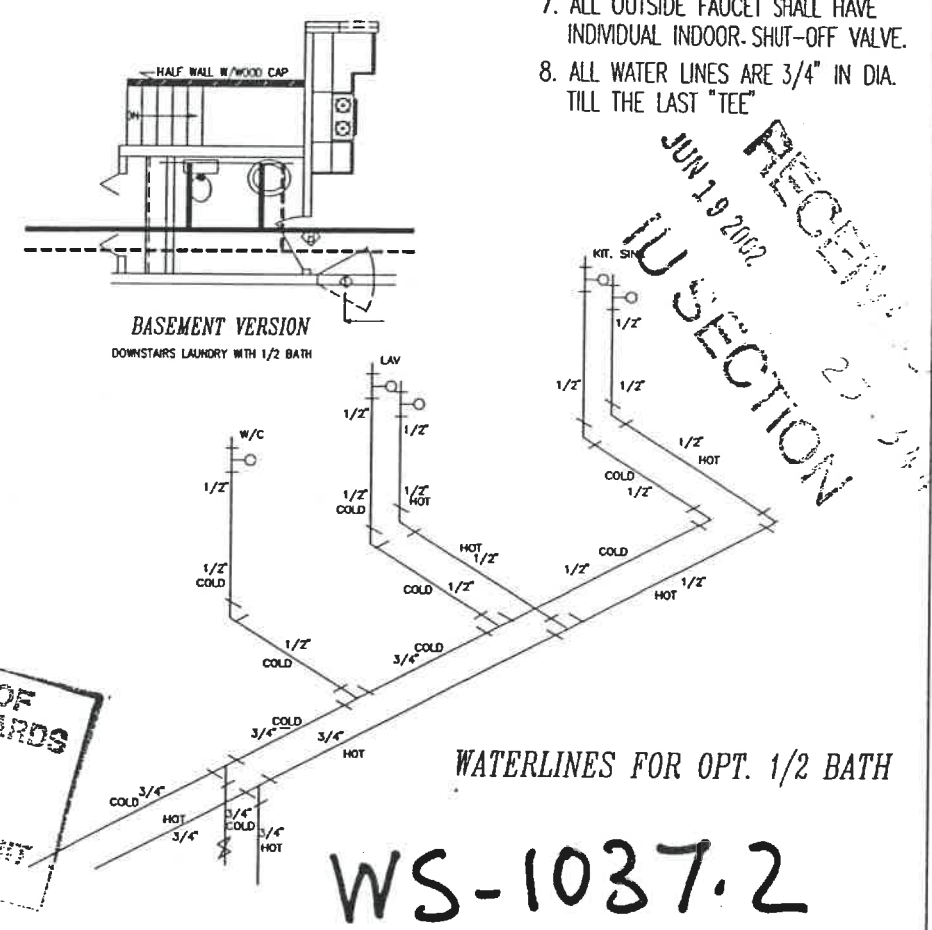
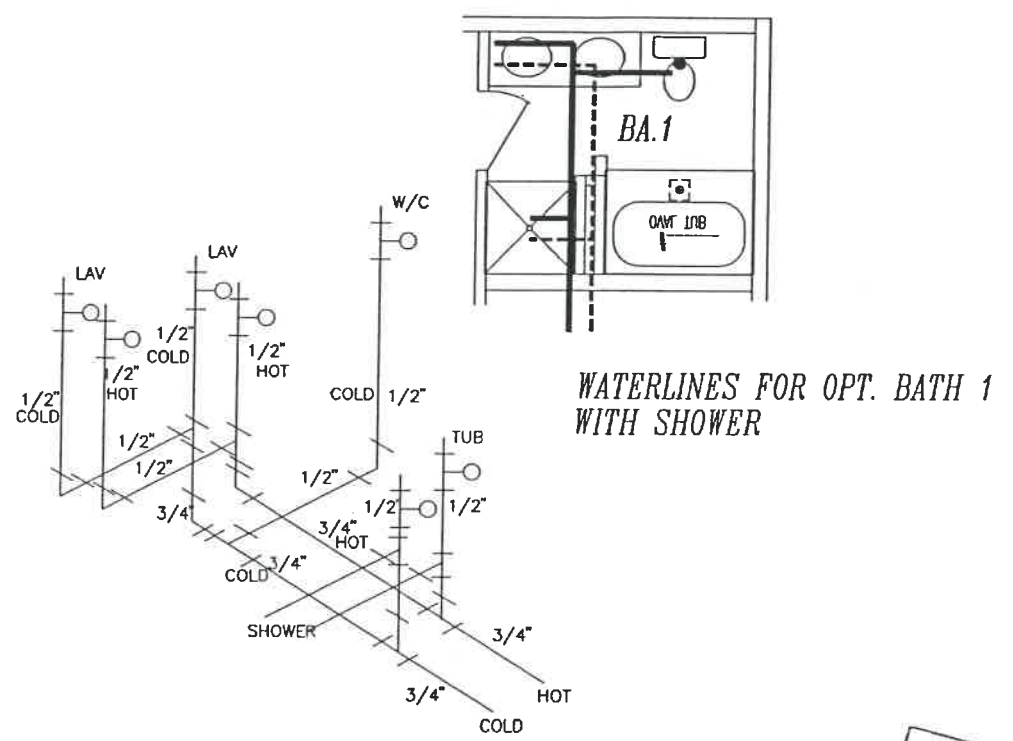
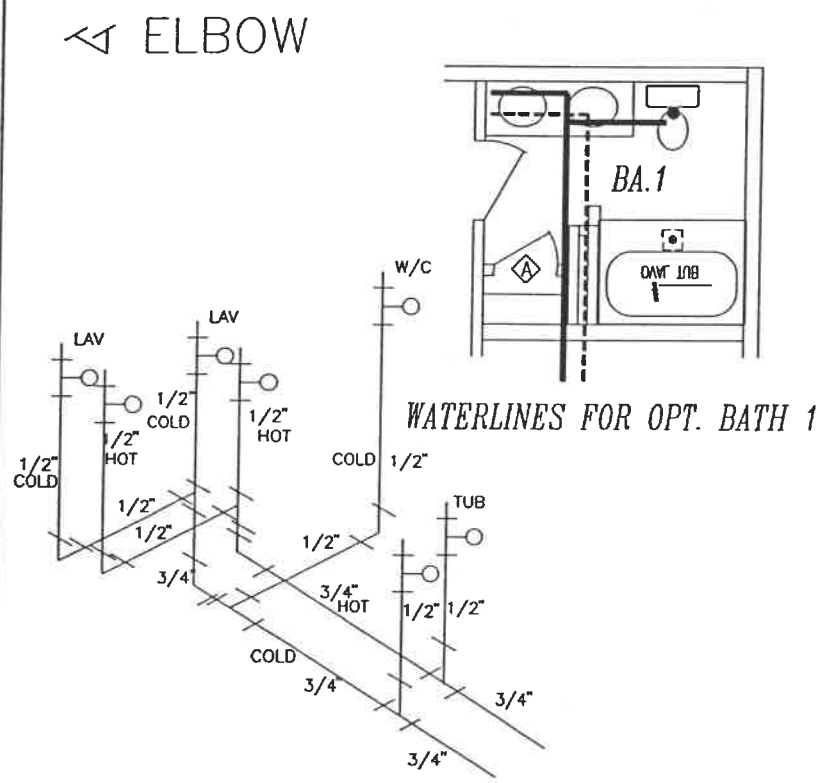
FIELD NOTES

- SEE DRAWING C-503 (PG-1) (GN-1.0 & 1.1 OHIO)
- SEE DRAWING C-503 (PG-7) FOR TYPICAL PLUMBING DETAILS AND INFORMATION. (PL-1.0 OHIO)
- ALL PLUMBING BELOW FLOOR IS THE REQUIREMENT OF THE BUILDER/OWNER.
- ALL PLUMBING & HVAC DUCTS LOCATED IN UNCONDITIONED SPACES SHALL BE INSULATED.
- BASEMENT MODEL- LAUNDRY FACILITIES TO BE PROVIDED ON SITE IN THE BASEMENT BY A LICENSED PLUMBER
- ANTISCALD VALVES REQUIRED AT EACH SHOWER. MAXIMUM 110 DEGREE F.
- ALL OUTSIDE FAUCET SHALL HAVE INDIVIDUAL INDOOR SHUT-OFF VALVE.
- ALL WATER LINES ARE 3/4" IN DIA. TILL THE LAST "TEE"

BELOW FLOOR PLUMBING LAYOUT REQUIRES CHASSIS REMOVAL AND IS SUGGESTED ONLY. LAYOUT MAY VARY DUE TO STRUCTURAL INTERFERENCES. IT IS THE BUILDER'S RESPONSIBILITY TO ASSURE THAT ANY VARIATIONS CONFORM TO ALL APPLICABLE CODES.

COLD WATER LINES _____
 HOT WATER LINES - - - - -

TEE
 ELBOW



- FIELD NOTES
- SEE DRAWING C-503 (PG-1) (GN-1.0 & 1.1 OHIO)
 - SEE DRAWING C-503 (PG-7) FOR TYPICAL PLUMBING DETAILS AND INFORMATION. (PL-1.0 OHIO)
 - ALL PLUMBING BELOW FLOOR IS THE REQUIREMENT OF THE BUILDER/OWNER.
 - ALL PLUMBING & HVAC DUCTS LOCATED IN UNCONDITIONED SPACES SHALL BE INSULATED.
 - BASEMENT MODEL- LAUNDRY FACILITIES TO BE PROVIDED ON SITE IN THE BASEMENT BY A LICENSED PLUMBER
 - ANTISCALD VALVES REQUIRED AT EACH SHOWER. MAXIMUM 110 DEGREE F.
 - ALL OUTSIDE FAUCET SHALL HAVE INDIVIDUAL INDOOR SHUT-OFF VALVE.
 - ALL WATER LINES ARE 3/4" IN DIA. TILL THE LAST "TEE"

OHIO BOARD OF BUILDING STANDARDS
 AUG 12 2002
 INDUSTRIAL PLUMBING UNIT

* FIELD WORK

REV	DESCRIPTION	DATE	BY	DWG. NO	REV
				1037 (PG-6.2)	
				TITLE: WATER SUPPLY LAYOUT	
				SCALE: (22x34) N/A	DATE: 9-26-00
				SCALE: (11x17) N/A	DRWN. BY: VR

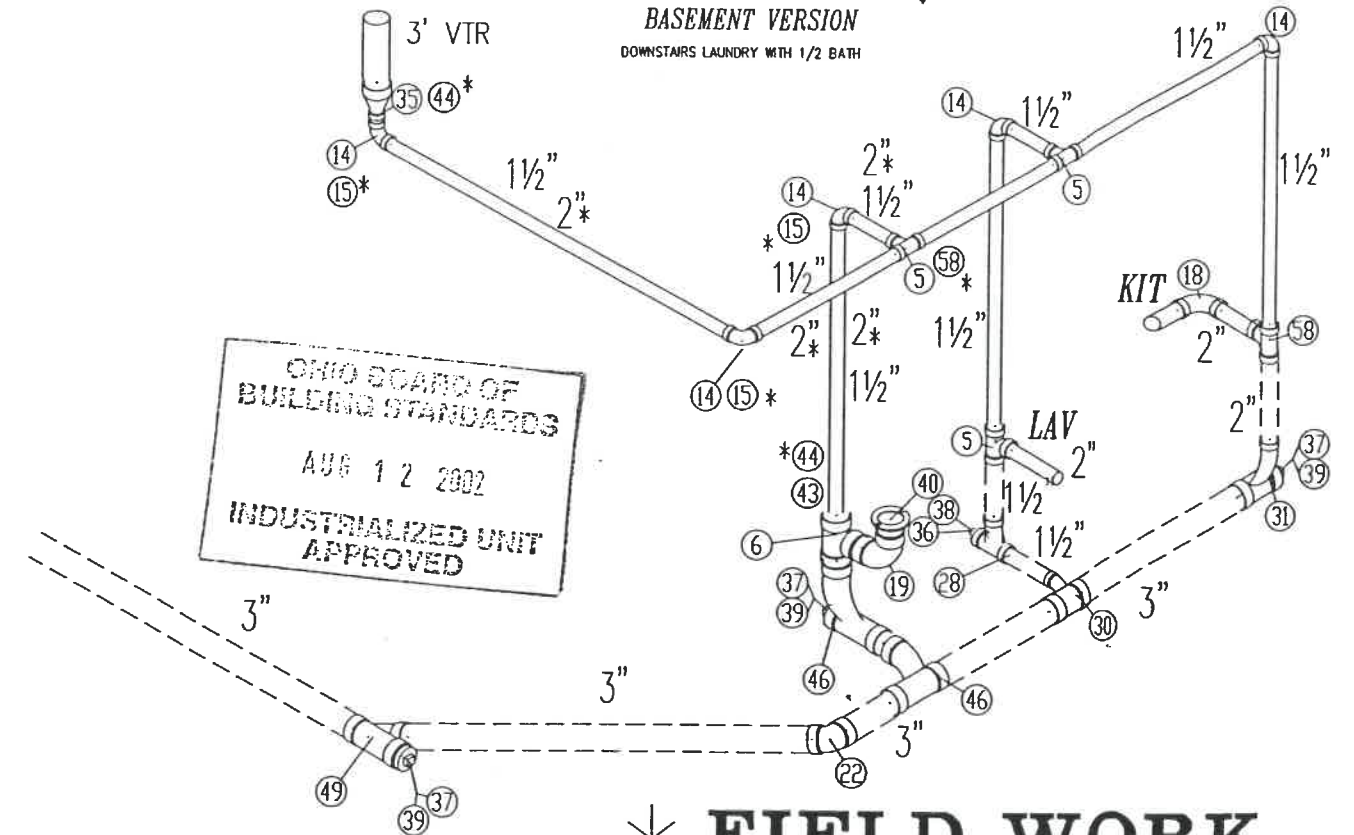
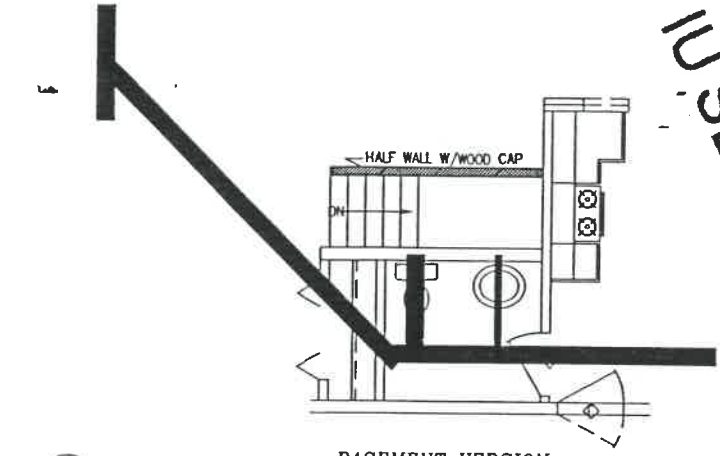
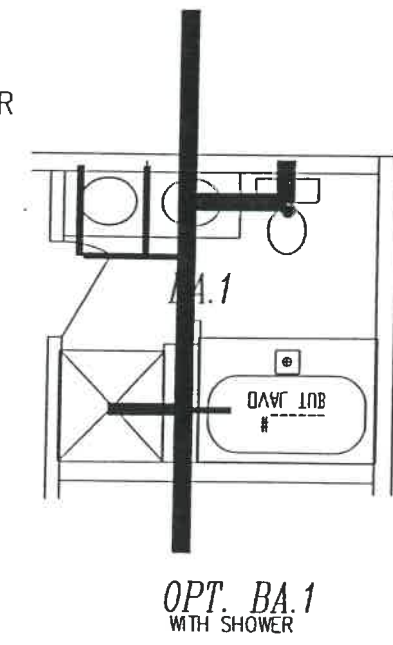
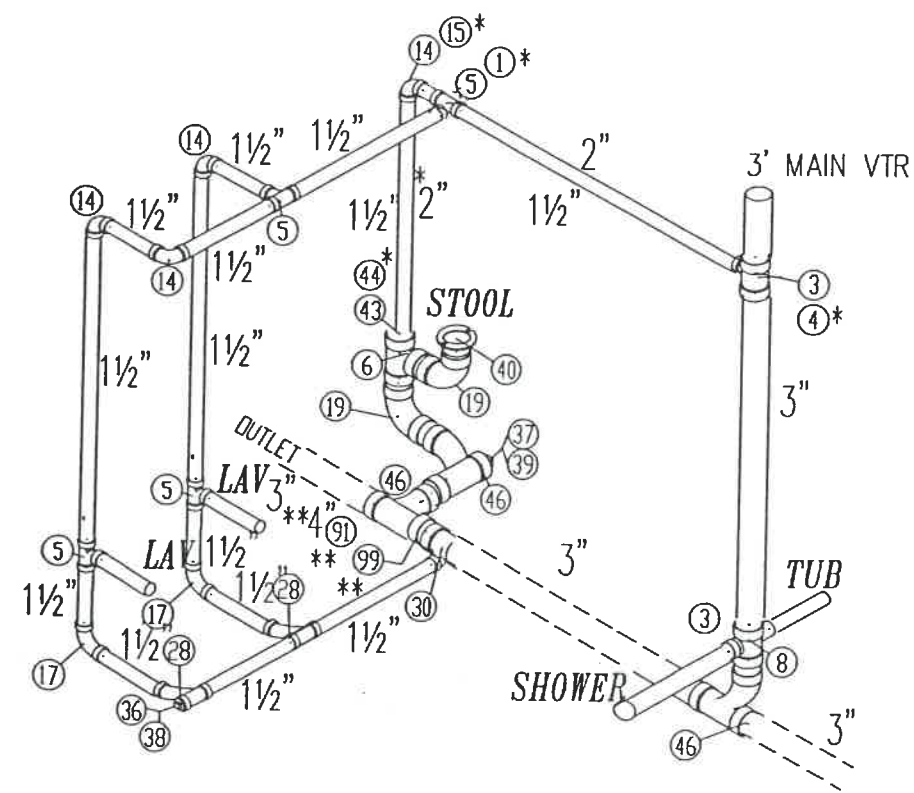
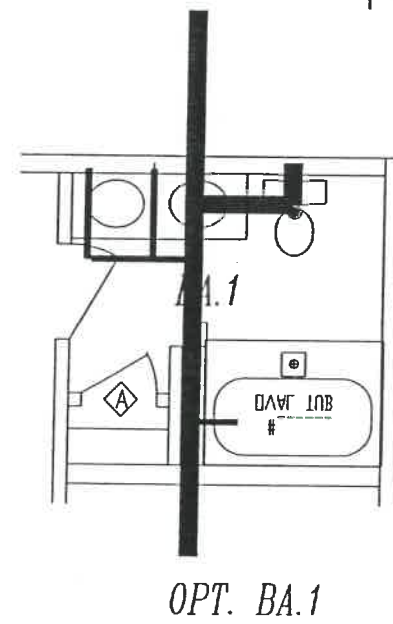
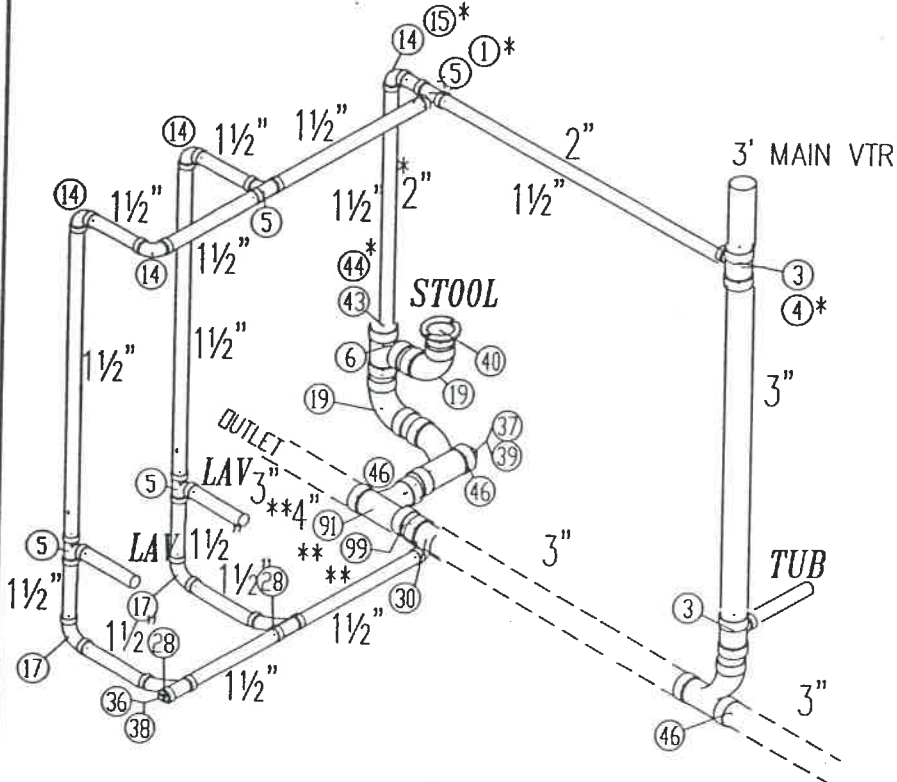
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SEE D-5000 (DWV-1.0)
FOR FITTING REFERENCE TABLE.

BELOW FLOOR PLUMBING LAYOUT IS SUGGESTED ONLY FOR BUILDER INSTALLATION. LAYOUT MAY VARY DUE TO STRUCTURAL INTERFERENCES. IT IS THE BUILDER'S RESPONSIBILITY TO ASSURE THAT ANY VARIATIONS CONFORM TO ALL APPLICABLE CODES.

- FIELD NOTES:
- 1.) SEE DRAWING C-503 (PG-1). (GN-1.0 & 1.1 OHIO ONL)
 - 2.) SEE DRAWING C-503 (PG-7) FOR TYPICAL PLUMBING DETAILS AND INFORMATION (PL-1.0 OHIO ONLY)
 - 3.) ALL PLUMBING BELOW FLOOR IS THE RESPONSIBILITY OF THE BUILDER/OWNER.

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AUG 12 2002
INDUSTRIALIZED UNIT APPROVED

*** FIELD WORK
DWV-1037.3**

* FOR ILLINOIS
** W 3. STOOLS IN THE SYSTEM

REV	DESCRIPTION	DATE	BY	TITLE: DRAINLINE OPTIONS
-	-	-	-	SERIES: RANCH
-	-	-	-	SCALE: NTS DRWN. BY: R
-	-	-	-	DATE: 9-14-'00 HIM PG: -
-	-	-	-	FILE: 1037DWV
-	-	-	-	DWG. NO
-	-	-	-	DWV-1037 (PG-3) REV

5032-1037	ITEM	KITCHEN	GREAT ROOM/ DINING	BATH 1	BATH 2	BED #1	BED #2	BED #3	BED #3
	ROOM SQUARE FOOTAGE	116.2	322.4	63.5	60.1	194.7	137.9	111.6	45.0
	LIGHT/ROOM PCT.	ARTIFICIAL	14.0	ARTIFICIAL	ARTIFICIAL	12.0	8.0	10.0	-
	VENT/ROOM PCT.	POWER VENT	7.0	POWER VENT	POWER VENT	6.0	4.0	5.0	-
	TOTAL LOSS (BTU/H)	4366	11947	2190	1575	6284	4299	4217	1487
WATTAGE REQUIRED	1279	3498	641	461	1840	1259	1235	435	
5432-1037	ITEM	KITCHEN	LIVING	BATH 1	BATH 2	BED #1	BED #2	BED #3	BED #3
	ROOM SQUARE FOOTAGE	128.4	380.0	63.5	60.1	194.7	137.9	111.6	64.0
	LIGHT/ROOM PCT.	ARTIFICIAL	12.0	ARTIFICIAL	ARTIFICIAL	12.0	8.0	10.0	-
	VENT/ROOM PCT.	POWER VENT	6.0	POWER VENT	POWER VENT	6.0	4.0	5.0	-
	TOTAL LOSS (BTU/H)	4743	13588	2190	1575	6284	4299	4217	2008
WATTAGE REQUIRED	1389	3979	641	461	1840	1259	1235	588	
5840-1037	ITEM	KITCHEN	LIVING	BATH 1	BATH 2	BED #1	BED #2	BED #3	BED #3
	ROOM SQUARE FOOTAGE	116.2	405.6	63.5	41.7	239.2	175.4	113.3	45.0
	LIGHT/ROOM PCT.	ARTIFICIAL	20.0	ARTIFICIAL	ARTIFICIAL	9.0	19.0	10.0	-
	VENT/ROOM PCT.	POWER VENT	10.0	POWER VENT	POWER VENT	5.0	10.0	5.0	-
	TOTAL LOSS (BTU/H)	4366	15975	2190	1204	7420	7057	4217	1487
WATTAGE REQUIRED	1279	4678	641	353	2173	2066	1235	435	

NOTES:

- Heat loss information based on minimum insulation package.
- Higher R-Values will result in lower energy costs.
- Light and vent percentage based on standard floor plan.

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 UNDESIGNATED UNIT APPROVED

NOTE: HEAT LOSS VALUES BASED ON THE FOLLOWING ASSUMPTIONS.

DESIGN TEMPERATURES: -	
INTERIOR -----	72 DEG.
EXTERIOR -----	-10 DEG.
TEMP DIF. -----	82 DEG.
CRAWL SPACE -----	-10 DEG.
TEMP. DIF. -----	82 DEG.

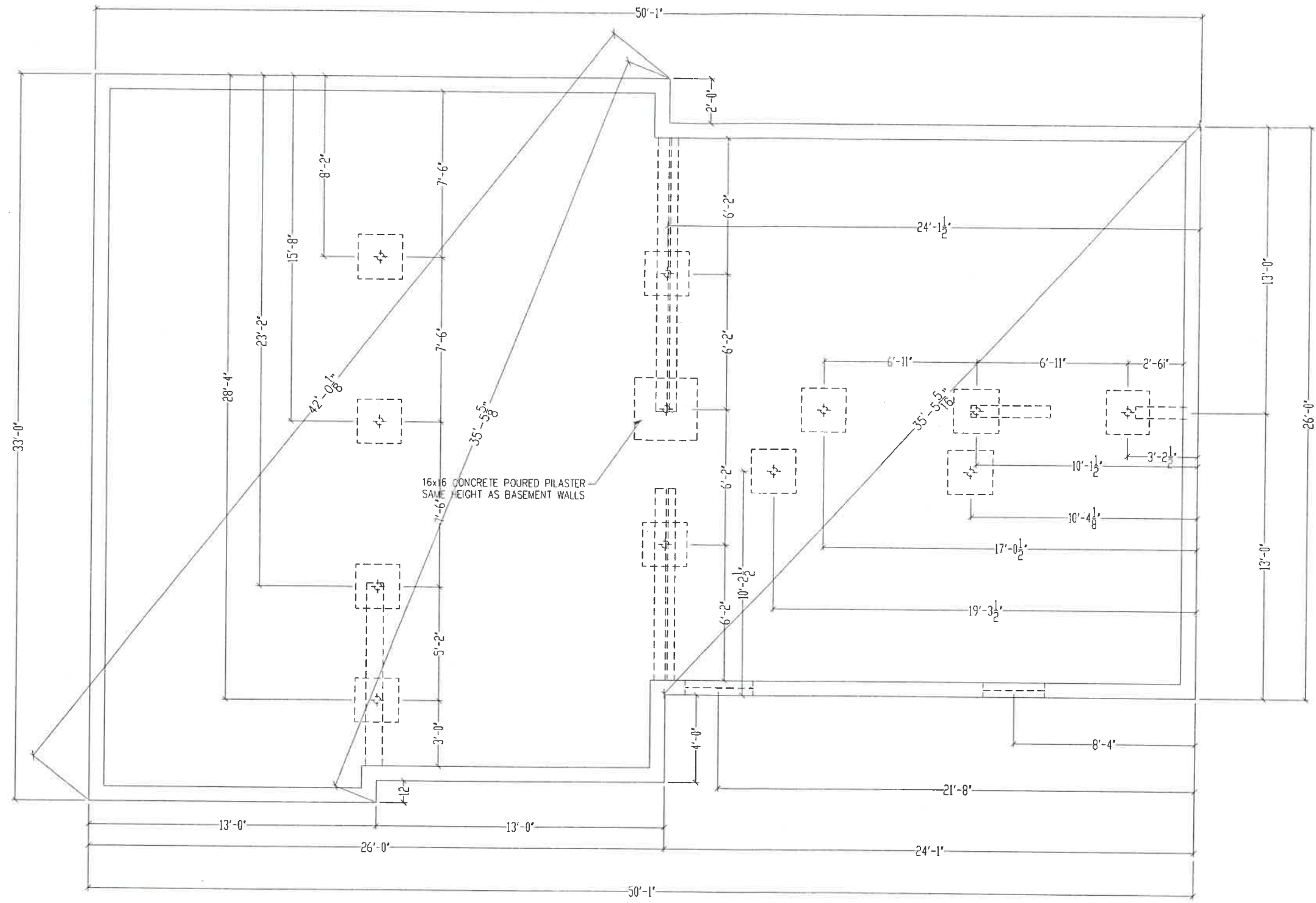
(DRY BULB READINGS DEGS. F)

INSULATION	
FLOOR	R-11
WALL	R-19
ROOF	R-30/ 40*
WINDOWS	R-2
DOORS	R-4

* FOR MICHIGAN

REV	DESCRIPTION	DATE	BY	DWG. NO	REV
				1037 (PG-8.1)	
				TITLE: TECHNICAL NOTES	
				SCALE: (22x34) N/A DATE: 9-29-00	
				SCALE: (11x17) N/A DRWN. BY: VR	

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TO THIS PRINT.
FOR ESTIMATE PURPOSES ONLY**

MODIFIED FOUNDATION "NEW LAYOUT"

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RV	DESCRIPTION	DATE	BY	TITLE
-	-	-	-	FLOOR PLAN
-	-	-	-	SERIES: RANCD
-	-	-	-	SCALE: 3/16"=12" DRWN. BY: HLG
-	-	-	-	DATE: 9-13-00 HIM PG:
-	-	-	-	FILE NAME: 50321037
-	-	-	-	DWG. NO
-	-	-	-	5032 1037 REV