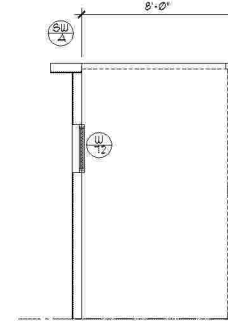
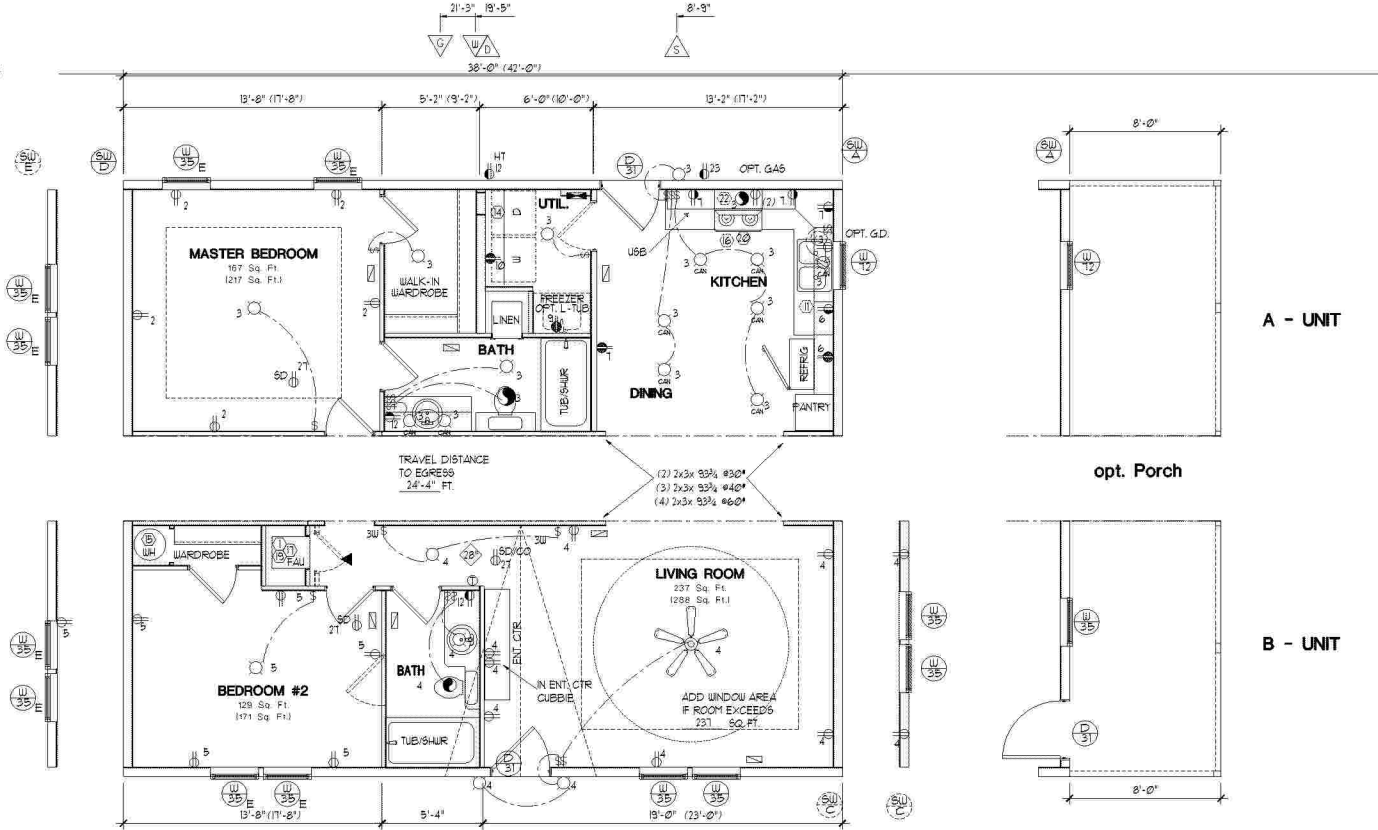
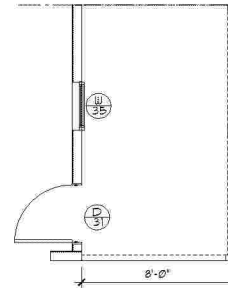


APPROVED BY



opt. Porch

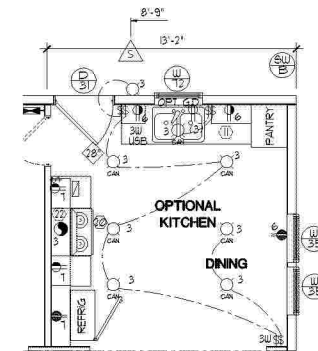


A - UNIT

B - UNIT

LEGEND

- (SW) - SHEAR WALL
- (W/D) - INFO PER WINDOW & DOOR SCHED.
- (W) - WATER INLET
- (G) - GAS INLET
- (S) - SEWER OUTLET
- (D) - DRYER VENT
- (E) - EGRESS WINDOW
- (O) - OPTION CIRCUIT (INFO. PER DWG. 4.4)
- (I) - INCANDESCENT LIGHT
- (F) - EXHAUST FAN
- (M) - MAIN ELECTRICAL PANEL BOX
- (T) - THERMOSTAT LOCATED PER CODE
- (R) - 15 AMP RECEPTACLE
- (20) - 20 AMP RECEPTACLE
- (S) - WALL SWITCH
- (HT) - HEAT TAPE GFI RECEPTACLE
- (SD) - SMOKE DETECTOR (WALL OR CEILING)
- (GD) - GARBAGE DISPOSAL
- (GFI) - GFI RECEPTACLE (15 OR 20 AMP)
- (GFI) - GFI RECEPTACLE (20 AMP)
- (20x16) - 20"x16" RETURN AIR GRILL - DOWNFLOW
- (4"x10") - 4"x10" ADJ. FLOOR REGISTER DOWNFLOW
- (28") - 28" MINIMUM CLEARANCE REQUIRED
- (FL) - FLUORESCENT LIGHT



(2) 2x3x 93% #30"
(3) 2x3x 93% #40"
(4) 2x3x 93% #60"

A0107.56

Manufacturing West, Inc.
Albany Division - Plant #972
2445 S.W. PACIFIC BLVD.
ALBANY, OR 97321
Phone (541) 926-8631
Fax (866) 491-6847

DRAWING TITLE: **ELECTRICAL SCHEMATIC & APPROVAL FLOOR PLAN**

ORIGINAL DRAWING BY: G. LUND

SIDEWALL: 4" OR 6" **6" WALLS**

| | | | |
|---------|-------------|-----------|-----------|
| PRODUCT | Inspiration | MODEL NO. | INS 382F |
| SQ. FT. | 1,026 | DATE | 1-8-15 |
| SHEET | 1-A3 | REVISED | 5-7-18 CL |

Model # INS 382F
Box Width = 182"
Box Length = 42 ft.
No Skylights
No Porches
Joist Size = #2 nf 2x6

Minimum Joist Spacing 16"
No Offset Box
No Cleanstory
No Organig Danner
No Sunken Floor
No Parapet Roof

Model # INS 382F
Box Width = 182"
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Version R13.14

| | | |
|---------------------------|--|------------------|
| Wind Zone 1 Standard Roof | (3/8" sheathing only with 15 gax 1.5" at 24" o.c. (197 p# Chords 2xk SPP#3 Top Plate 5 | 90 inch sidewall |
| Diaphragm Construction: | 1x4 Raft. Each spaced w/ 12" blue block. | |
| Shearwall Dist./Ht/Length | PLF # of Joints Lags Notes | SW1/SW2 |
| A 0' 08" 225 | 3 1/1 Start at marriage wall | 45-44 |
| D 42" 104" 225 | 2 2/1 | |

Wind Zone 1 Standard Roof (3/8" sheathing only with 15 gax 1.5" at 24" o.c. (197 p# Chords 2xk SPP#3 Top Plate 5

| | | |
|---------------------------|--|-------------------|
| Diaphragm Construction: | 1x4 Raft. Each spaced w/ 12" blue block. | 108 inch sidewall |
| Shearwall Dist./Ht/Length | PLF # of Joints Lags Notes | SW1/SW2 |
| A 0' 88" 225 | 3 2/1 Start at marriage wall | 45-44 |
| D 42" 112" 225 | 2 2/1 | |

Version R13.14

| | | |
|---------------------------|--|------------------|
| Wind Zone 1 Standard Roof | (3/8" sheathing only with 15 gax 1.5" at 24" o.c. (197 p# Chords 2xk SPP#3 Top Plate 5 | 90 inch sidewall |
| Diaphragm Construction: | 1x4 Raft. Each spaced w/ 12" blue block. | |
| Shearwall Dist./Ht/Length | PLF # of Joints Lags Notes | SW1/SW2 |
| B 0' 88" 225 | 3 1/1 | 45-44 |
| E 42" 89" 225 | 2 1/1 Bolt Shearwall | |

Wind Zone 1 Standard Roof (3/8" sheathing only with 15 gax 1.5" at 24" o.c. (197 p# Chords 2xk SPP#3 Top Plate 5

| | | |
|---------------------------|--|-------------------|
| Diaphragm Construction: | 1x4 Raft. Each spaced w/ 12" blue block. | 108 inch sidewall |
| Shearwall Dist./Ht/Length | PLF # of Joints Lags Notes | SW1/SW2 |
| C 0' 82" 225 | 2 1/2 | 45-44 |
| E 42" 89" 225 | 2 2/2 Bolt Shearwall | |

60# STRUCTURAL NOTES

- ROOF DESIGN LOAD: 60 P.S.F.
- MAXIMUM RIDGE BEAM SPAN FOR 60 P.S.F. ROOFS SHALL BE 20'-0" PER STRUCT.DWG. 98.03 (DETAIL E) USING 2x4 MICROSLAM RIDGE BEAM MAX PLYWOOD RIDGE BEAM SPAN PER 98.031
- ROOF PITCH 4:12 OR LESS
- INTERIOR BEARING WALLS PER 98.04
- (3) 2x3 OR (2) 2x4 AT 60 P.S.F. REQUIRED AT ALL PASSAGE DOOR OPENINGS AT LONGITUDINAL CENTERLINE WALL

STRUCTURAL NOTES

- ROOF DESIGN LOAD: 20 P.S.F. 30 P.S.F. AND 40 P.S.F.
- MAXIMUM RIDGE BEAM SPAN FOR 20, 30, 40 P.S.F. ROOFS SHALL BE PER STRUCT.DWG. 98.031
- ROOF PITCH 4:12 OR LESS, UNLESS NOTED OTHERWISE
- INTERIOR BEARING WALLS PER 98.04
- (1) 2x4 AT 20 & 30 P.S.F.; (2) 2x4 AT 40 P.S.F. REQUIRED AT ALL PASSAGE DOOR OPENINGS AT LONGITUDINAL CENTERLINE WALL

THERMAL & HEAT NOTES

| | | |
|--|-------------------------|---|
| CAPACITY OF AIR COOLING SUPPLY DUCT SYSTEM | REGISTER SPLIT: 2/2 2/1 | TOTAL B.T.U.H.: 37,700 |
| THERMAL ZONE I | | THERMAL ZONE II |
| HEAT LOSS RUN NO. - | MAX. GLAZING - | HEAT LOSS RUN NO. 60. MAX. GLAZING: 194 |
| HEAT LOSS RUN NO. - | MAX. GLAZING - | HEAT LOSS RUN NO. 34. MAX. GLAZING: 335 |

GENERAL NOTES

- FLOOR PLAN MAY BE CONSTRUCTED IN A SIDE TO SIDE REVERSE TO THAT SHOWN.
- 90" OR 96" NOMINAL SIDEWALL HEIGHT UNLESS NOTED OTHERWISE
- CERT. LABELS, SERIAL NUMBERS, ETC. TO BE RELOCATED PER CODE REQUIREMENTS.

- LEGEND NOTES:
- ANY ABOVE SYMBOL MAY BE SHOWN DASHED INDICATING IT AS OPT.
 - BRANCH CIRCUIT NO. PER ELEC. DWG. 4.4

MP-972-INS 382F.0