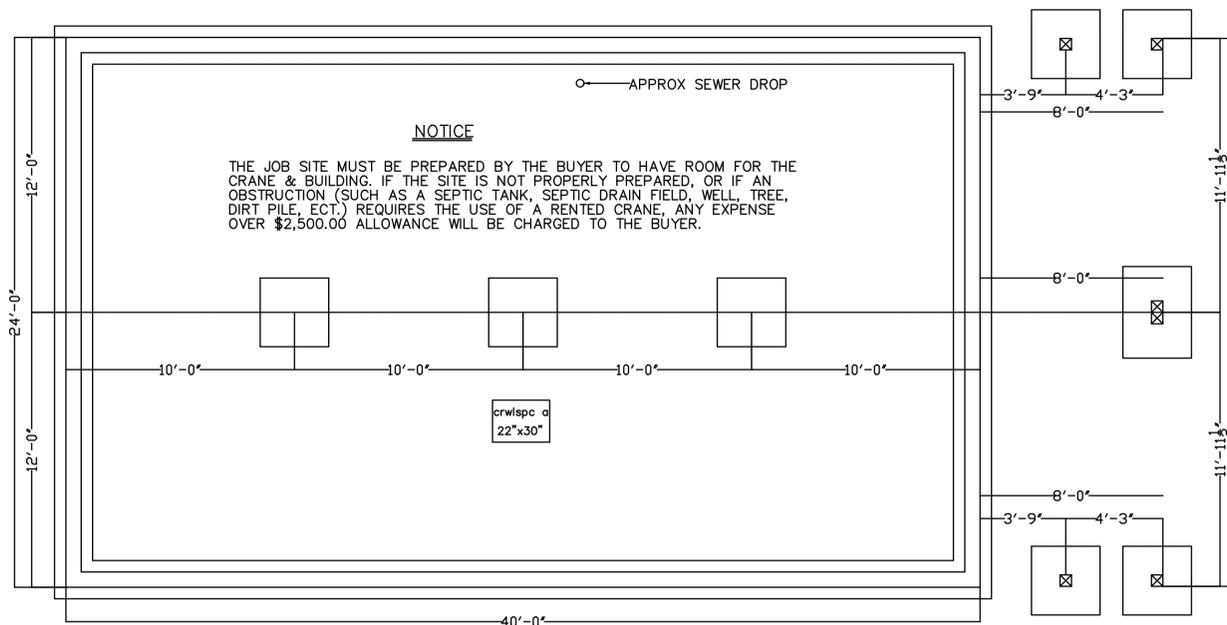
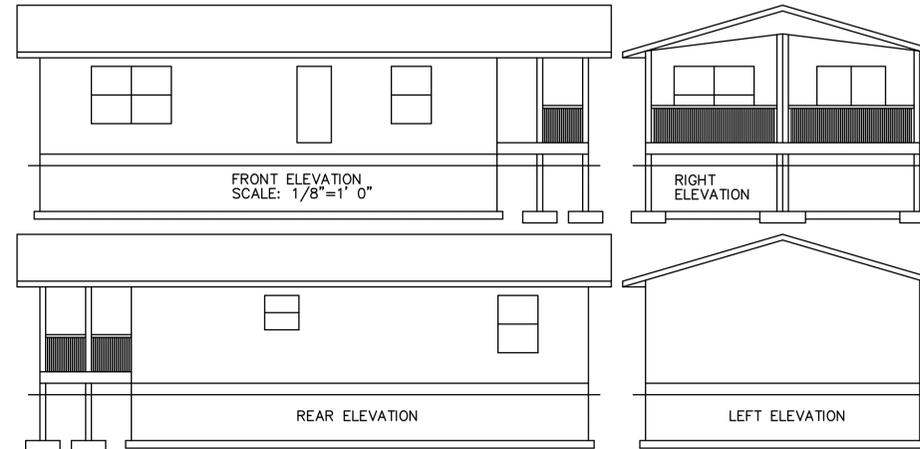


DHI CRAWLSPACE FOOTINGS & WALL RECOMMENDATIONS

- * DIMENSIONS SHOWN INCLUDE ALL MATERIALS, INCLUDING FOAM INSULATION, WOOD SHEATHING, ECT... SUBTRACT THESE MATERIALS FROM THE DIMENSIONS (A MAXIMUM OF 4 INCHES) TO GET THE ACTUAL POURED/BLOCK WALL DIMENSIONS.
- * PIER PADS 12"D.X36"LX36"W. USE 3(#4) REBAR EACH WAY
- * USE 2(1/2") REBAR IN FOOTINGS, USE 2(1/2") REBAR IN WALLS
- * POURED CONCRETE WALL 8"W.X60"H.
- * POURED CONCRETE FOOTINGS 8"D.X20"W.
- * PROVIDE STOOP ARMS AT ALL EXITS FOR CONCRETE STEP SUPPORT (IF USED)
- * USE 3" DIA. MIN. ADJUSTABLE STEEL COLUMNS (NO JACK POSTS)
- * LENGTH OF 1 PIECE STEEL SUPPORTS MUST BE EQUAL TO THE DISTANCE MEASURED FROM TOP OF PIER PADS TO THE TOP OF THE FOUNDATION WALL (NOT INCLUDING SILL PLATE)
- * MINIMUM DISTANCE BETWEEN TOP OF FOUNDATION WALL & INSIDE GRADE EQUALS 48"
- * 3'X3' MINIMUM CRAWLSPACE ACCESS TO OUTSIDE REQUIRED FOR FURNACE & WATER HEATER INSTALLATION/REMOVAL
- * FOLLOW STATE CODES FOR VAPOR BARRIER, CRAWLSPACE ACCESS, VENTILATION & INSULATION
- * A/C PAD= 4"D.X36"W.X36"L. AT 18" TO 24" FROM OUTSIDE OF FOUNDATION WALL.
- * INSTALL 2X8 TREATED WOOD SILL PLATE-COUNTER SINK NUTS-SEE CROSS SECTION DRAWING #700 FOR EXACT REQUIREMENTS
- * DO NOT OVER DIG THE BASEMENT EXCAVATION. UNDISTURBED SOIL IS NEEDED WITHIN 4 FEET OF FOUNDATION WALL FOR CRANE. OTHER THAN FOUNDATION BACK-FILL, DO NOT BRING IN LOOSE FILL UNTIL AFTER THE HOME IS SET.
- * ON HOUSE FOUNDATIONS LARGER THAN 54 FEET WITH A FRONT GARAGE, THE FOUNDATION CONTRATOR MUST CONFIRM WITH THE DHI TRANSPORTATION DEPARTMENT THAT THE GARAGE FOUNDATION CAN BE POURED PRIOR TO DHI CRANE SETTING THE HOUSE SECTIONS.

NOTE TO CUSTOMER: THE BUILDING CODE REQUIRES ALL FOUNDATIONS TO BE INSULATED (BY THE BUYER) TO A MINIMUM VALUE OF R-10 FOR THE FOUNDATION WALL, AND R-21 FOR THE BOX SILL. HOMES WITH EXCESSIVE WINDOW AND/OR DOOR OPENINGS MAY REQUIRE FOUNDATION INSULATION OF R-15 OR MORE (CHECK YOUR HEAT LOSS CALCULATION FOR YOUR SPECIFIC CODE REQUIRED FOUNDATION INSULATION).



NOTICE

THE JOB SITE MUST BE PREPARED BY THE BUYER TO HAVE ROOM FOR THE CRANE & BUILDING. IF THE SITE IS NOT PROPERLY PREPARED, OR IF AN OBSTRUCTION (SUCH AS A SEPTIC TANK, SEPTIC DRAIN FIELD, WELL, TREE, DIRT PILE, ECT.) REQUIRES THE USE OF A RENTED CRANE, ANY EXPENSE OVER \$2,500.00 ALLOWANCE WILL BE CHARGED TO THE BUYER.

PORCH SUPPORT

PIER PADS FOR PORCH SUPPORT TO BE 36"x36"x12" DEEP AT CORNERS, AND 36"x48"x12" DEEP AT CENTER, AT OR BELOW FROST PENETRATION DEPTH. SUPPORT POSTS (I.E. COLUMNS) AT PORCH TO BE 4X6 TREATED (MIN.) AT CORNERS, AND DOUBLE 4X6 TREATED AT CENTER, OR POURED CONCRETE OR CONCRETE BLOCK COLUMN OF EQUAL OR LARGER BEARING AREA TO SUPPORT TOTAL LOAD (LL+DL) FROM ABOVE AT 5,161 POUNDS. TERMINATE TOP OF SUPPORT COLUMNS WITH TOP OF SILL PLATE ON HOUSE FOUNDATION WALL. TREATED COLUMNS WILL NEED MOUNTING BRACKETS AT TOP & BOTTOM OF POST.

ALL DWV PLUMBING VENT EXTENSIONS THROUGH THE ROOF SHALL BE 3 INCHES IN DIAMETER AND 12 INCHES ABOVE THE ROOF SURFACE AND WITHIN 3" ABOVE THE CEILINGS BOTTOM SIDE (PER IRC P3103.2)

DESIGN HOMES INC.
 P.O. BOX 239
 PRAIRIE DU CHIEN, WISCONSIN 53821
 PHONE (608) 326-6041

**BUILDERS OF QUALITY
 RESIDENTIAL STRUCTURES**

CUSTOMER: STORY COUNTY CONSERVATION #1		
ADDRESS: AMES, IA		
JOB SITE: ZEARING, IA		
SALES REP: G. L.	DRWN BY: MASON	DATE: 4-4-25
SCALE: 1/4"=1'-0"	1"	REVISED: 8-26
40 X 24 FP	DRWG#:	STORYCO1