

36'-0"

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FAX: 906-774-5813

1500 W. BREITUNG AVE. KINGSFORD, MI 906-774-5800

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contact  
person

originator

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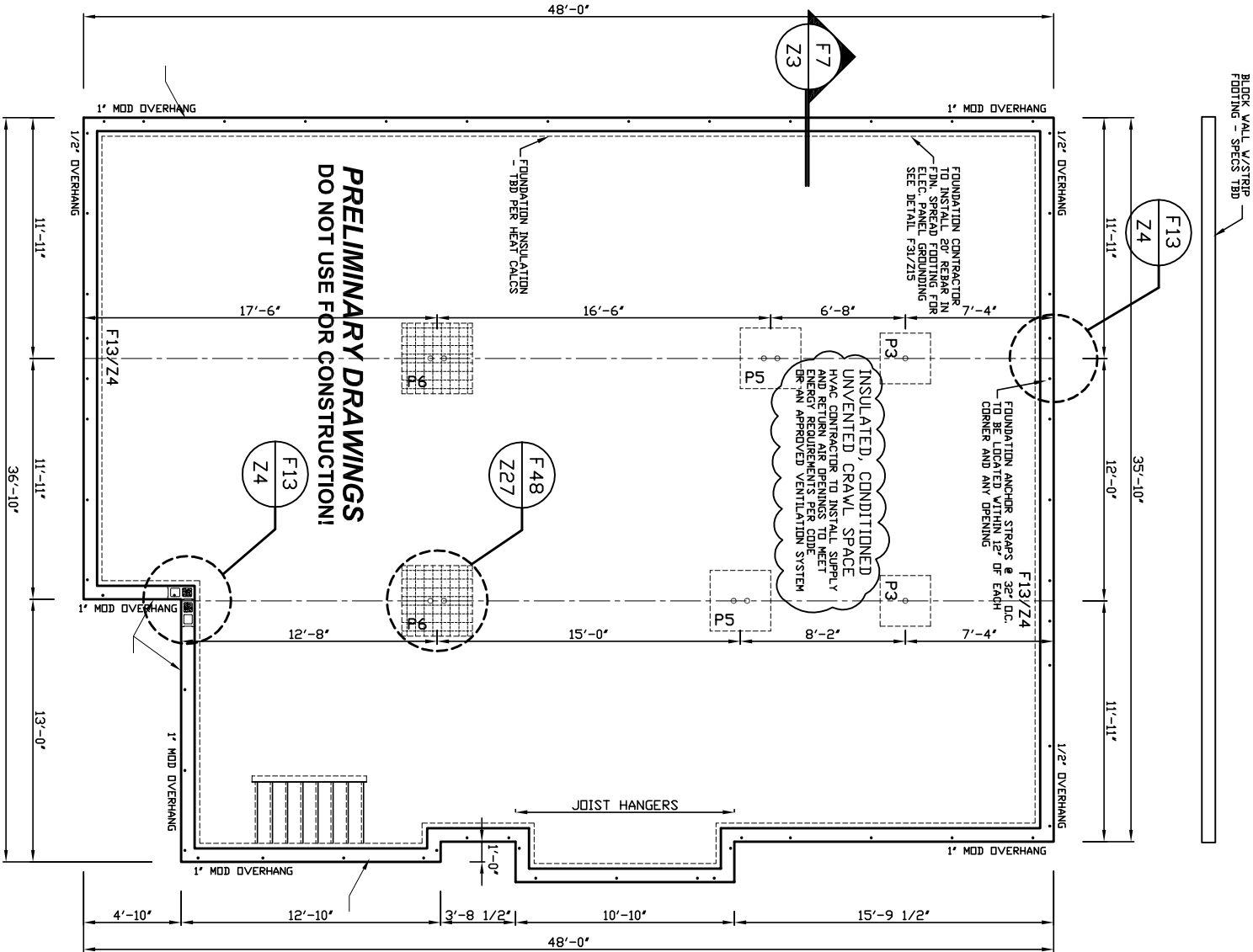
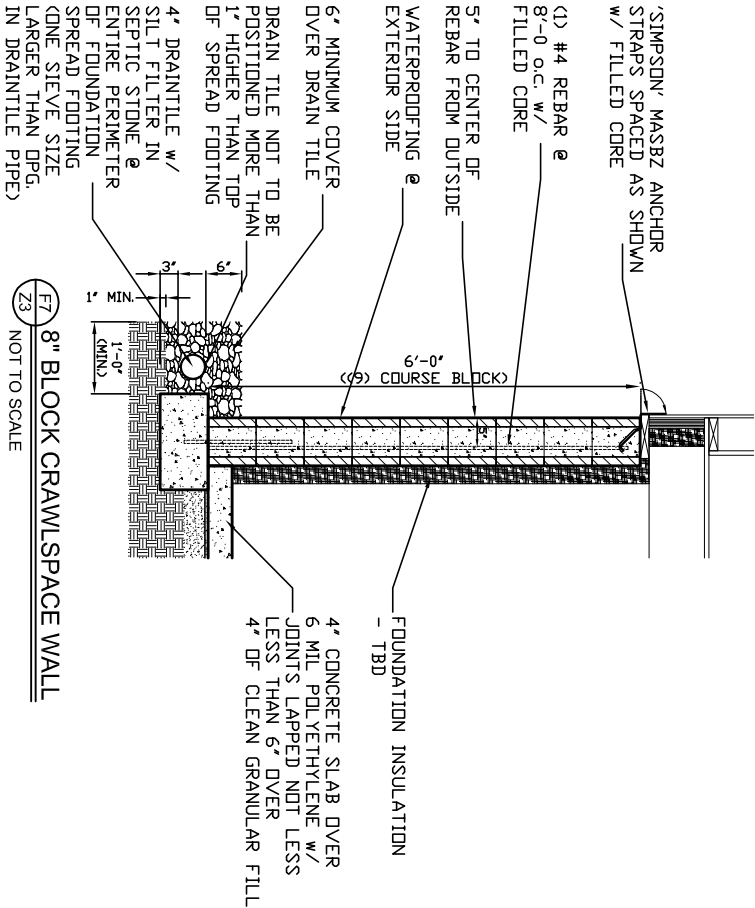
**JOB #C1885**  
DRAWING SCALE 1/8" = 1'-0"

LIMITED PURPOSE FOUNDATION DRAWING

1. Unless Dickinson Homes, Inc. acts as prime contractor, it provides this foundation drawing as a service, and shall assume no liability or responsibility for foundation design and/or construction. Builder/leaser and site contractor shall check and verify all dimensions for accuracy prior to commencement of foundation construction.
2. All foundation and slab work shall comply with local building codes.
3. Basement insulation shall be installed in compliance with local building codes and heat loss energy calculations.
4. It is recommended that soil analysis be conducted by a soilist engineer based upon site borings to determine unusual conditions such as poor bearing values and high water table. The purpose of the soil analysis is to determine special foundation design requirements for construction and drainage.
5. It is recommended that detailed foundation drawings to be designed and prepared by a structural engineer, taking into consideration the soils analysis based upon site borings at the site.
6. This drawing assumes a soil bearing value of 2,500 psf for the design of footings and column pad sizes, unless it is known that the soil is sandy gravel and/or gravel, a value of 3,000 psf will be used.
7. The bottoms of footings and pads shall be at the level of undisturbed earth, or on fill below the frost line or a design using frost protected footings/foundations.
8. Fill, clean sand or clean gravel placed in layers no more 6" thick and compacted to 95% maximum density.
9. Backfill, use of existing soils on site to be placed against foundation walls. Backfill is not compacted and will settle in time.
10. A minimum three-foot perimeter of undisturbed soil shall be provided around and under the concrete column pads.
11. Sidewalks, driveways, and any hard surface shall be placed on suitable soils that are compacted.
12. Concrete shall have an ultimate compressive strength of not less than 3,000 psi at 28 days. Porches, carport slabs, steps exposed to the weather and garage floor slabs shall have an ultimate compressive strength of not less than 3,500 psi at 28 days.
13. The concrete cover over foundation reinforcement rods shall comply with local codes.
14. Soil in crawl spaces shall be covered with a 6 mil vapor barrier or local building code requirements.
15. Crawl space ventilation shall comply with all local building codes.

15. When applying exterior board type insulation, the thickness of the board must be subtracted from each side of the foundation wall where applied to maintain the outside dimensions of the foundation walls as noted on the drawing.

SOIL BEARING CAPACITY: 2,500 PSF			
# GS LD.	MAXIMUM TOTAL LOAD	PAD FOOTING	PAD (REBAR) REINFORCING
P1	9,552#	24"x24"x10"	NOT REQUIRED
P2	11,817#	27"x27"x12"	NOT REQUIRED
P3	14,781#	30"x30"x12"	NOT REQUIRED
P4	17,715#	33"x33"x14"	NOT REQUIRED
P5	20,880#	36"x36"x16"	NOT REQUIRED
P6	28,971#	42"x42"x12"	(8) #4 EACH WAY
P7	37,480#	48"x48"x14"	(10) #4 EACH WAY
P8	47,436#	54"x54"x14"	(12) #4 EACH WAY



# PRELIMINARY DRAWINGS

DO NOT USE FOR CONSTRUCTION!

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# Dickinson Homes

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proj	title	revision
		8/15/24 APS -
		10/16/24 APS -
		11/7/24 APS -
		- -
		- -
		- -

JACUISS RESIDENCE  
RYAN SPENCER  
CUSTOM

contact  
person

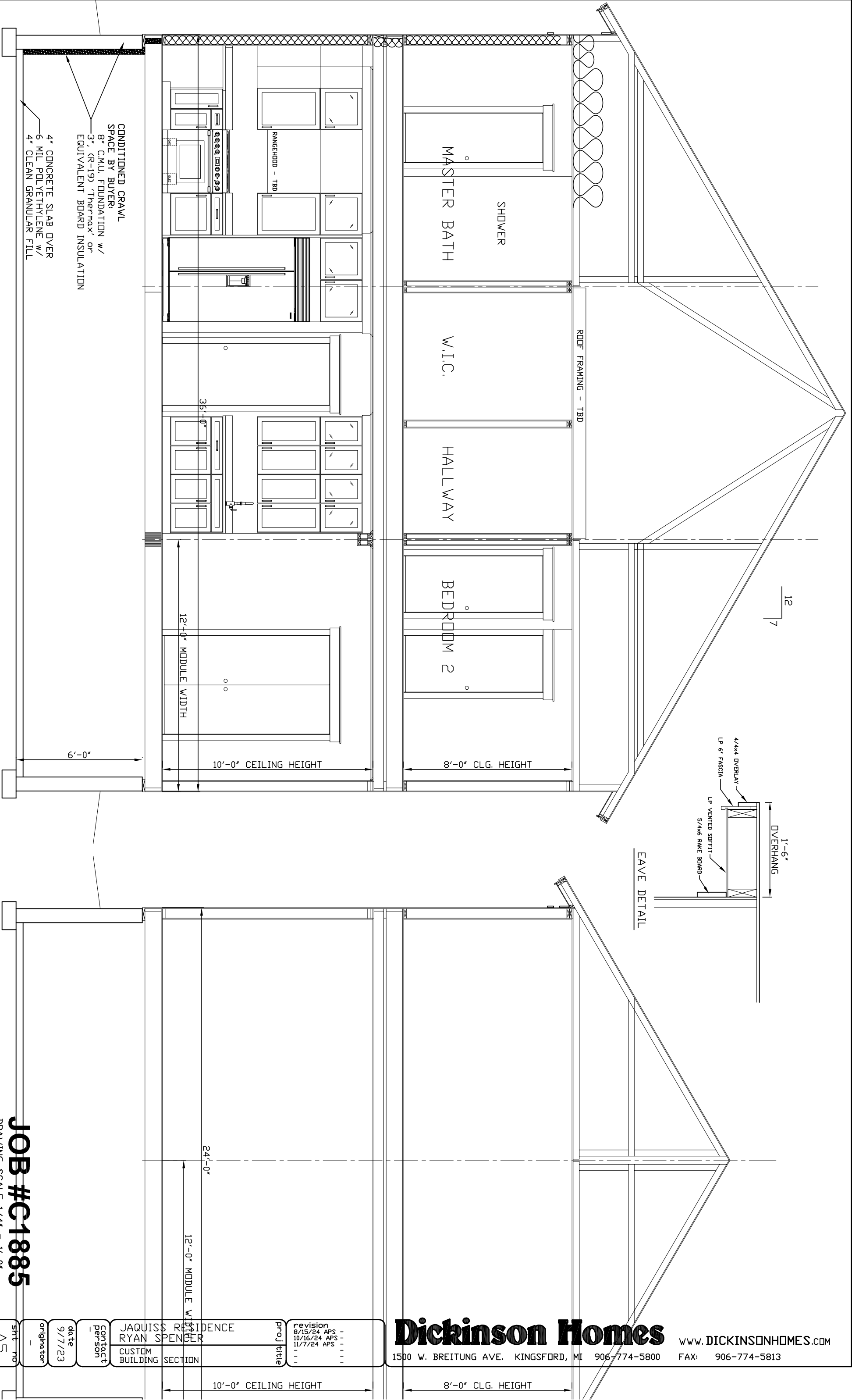
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JOB #C1885

DRAWING SCALE 1/4" = 1'-0"

proj title	revision
JACUISS RESIDENCE	8/15/24 APS
RYAN SPENCER	10/16/24 APS
CUSTOM BUILDING SECTION	11/7/24 APS
contact person	originator
9/7/23	-
date	sht no
A5	

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