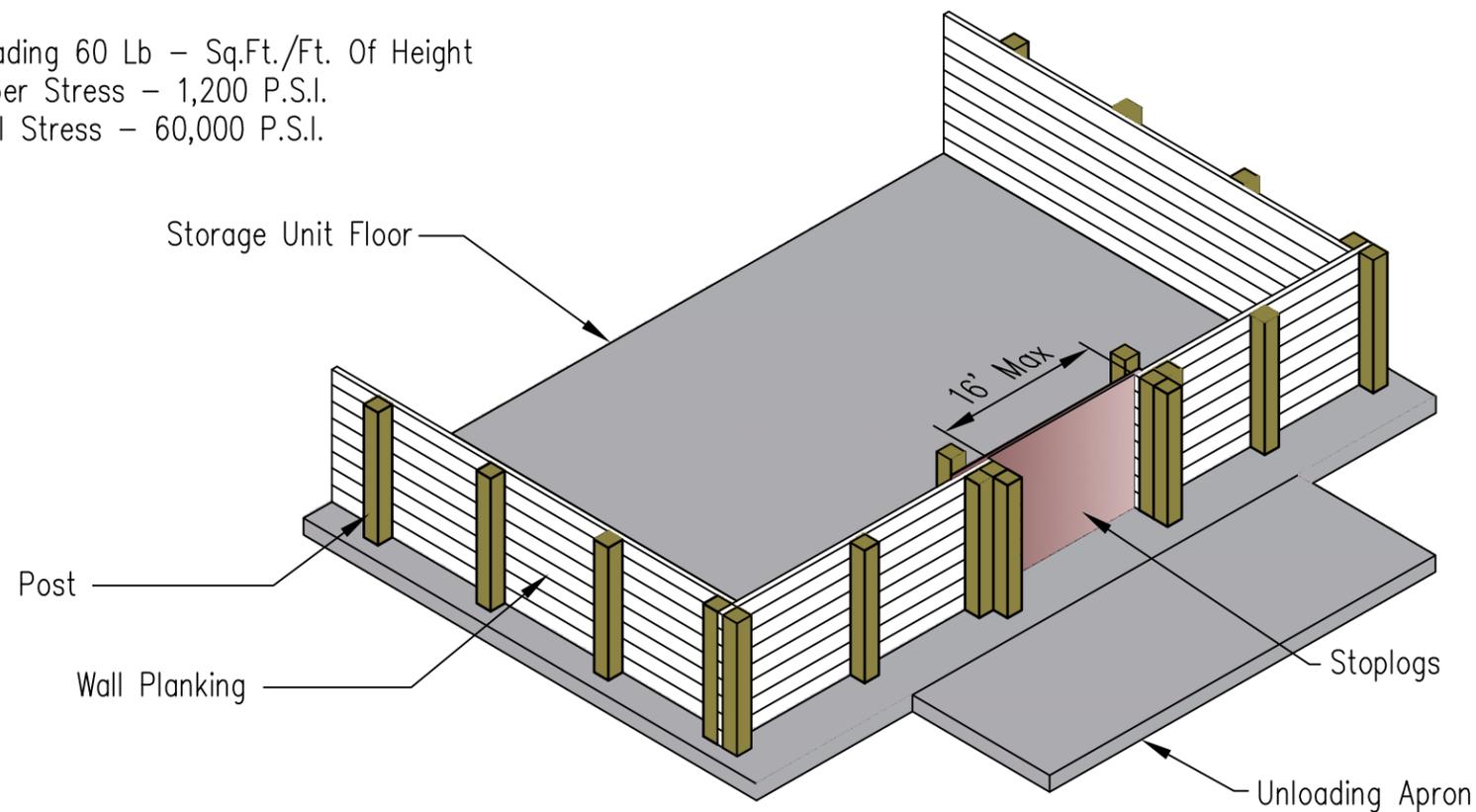


DESIGN DATA

Inside Wall Loading 60 Lb – Sq.Ft./Ft. Of Height
 Allowable Timber Stress – 1,200 P.S.I.
 Allowable Steel Stress – 60,000 P.S.I.



ISOMETRIC VIEW

MATERIALS LIST

- 6"x 6"x 7'-0" Pressure-Treated Posts
- 6"x 6"x 4'-0" Pressure-Treated Posts
- 12 Ft. 2" Pressure-Treated Wall Planking
- 6"x 6"x 8'-0" Pressure-Treated Posts
- 6"x 6"x 18'-0" Pressure-Treated Stoplogs
- Cu. Yd. Reinforced Concrete
- Cu. Yd. Storage Unit Floor
- Cu. Yd. Unloading Apron
- Cu. Yd. Post Holes
- Lb. Reinforcing Steel
- Lin. Ft. #3 Bars
- Lin. Ft. #5 Bars
- Sq. Ft. 6"x 6"x 8/8 Gauge WWF
- Sq. Ft. 1/2"x 14" Galvanized Bolts With Washer
- Lb. Of 20d Ring Shankd Nails
- (Approximatley 0.40 Lb. Per Sq. Ft. Of Wall)

NOTES:

1. Liquids from this unit must be collected and stored.
2. Earth backfill against the outside of the plank wall shall not be more than 12" above the concrete floor.
3. Concrete shall be designed to provide a 28 day compressive strength pf 4,000 psi.

SPECIFICATION AND CONSTRUCTION NOTES

1. All wood materials used shall be pressure treated with a wood preservative and indicated by a marking which gives species. Preservative, Retention, supplier and year of treatment (as required in AWPA standards, for soil and fresh water use).
2. For all reinforcing steel the minimum cover shall be 2" and the minimum radius of bending shall be 2".
3. Concrete mix shall contain 6 bags of cement per cubic yard, with no more than 6 gallons of mixing water per bag of cement (Maximum slump 5")
4. Concrete or granular base material to be placed on undisturbed earth unless otherwise specified.

CONSTRUCTION SEQUENCE

1. Posts shall be placed in post holes, aligned and braced, prior to pouring concrete in the post holes.
2. Reinforcing bars around posts shall be located in center of floor slab. Mesh to be walked down into center of concrete as slab is poured.
3. Planks shall not be nailed to the posts until after the initial set of the concrete is completed – 40 hours.
4. Joints of wall planking shall be staggered.

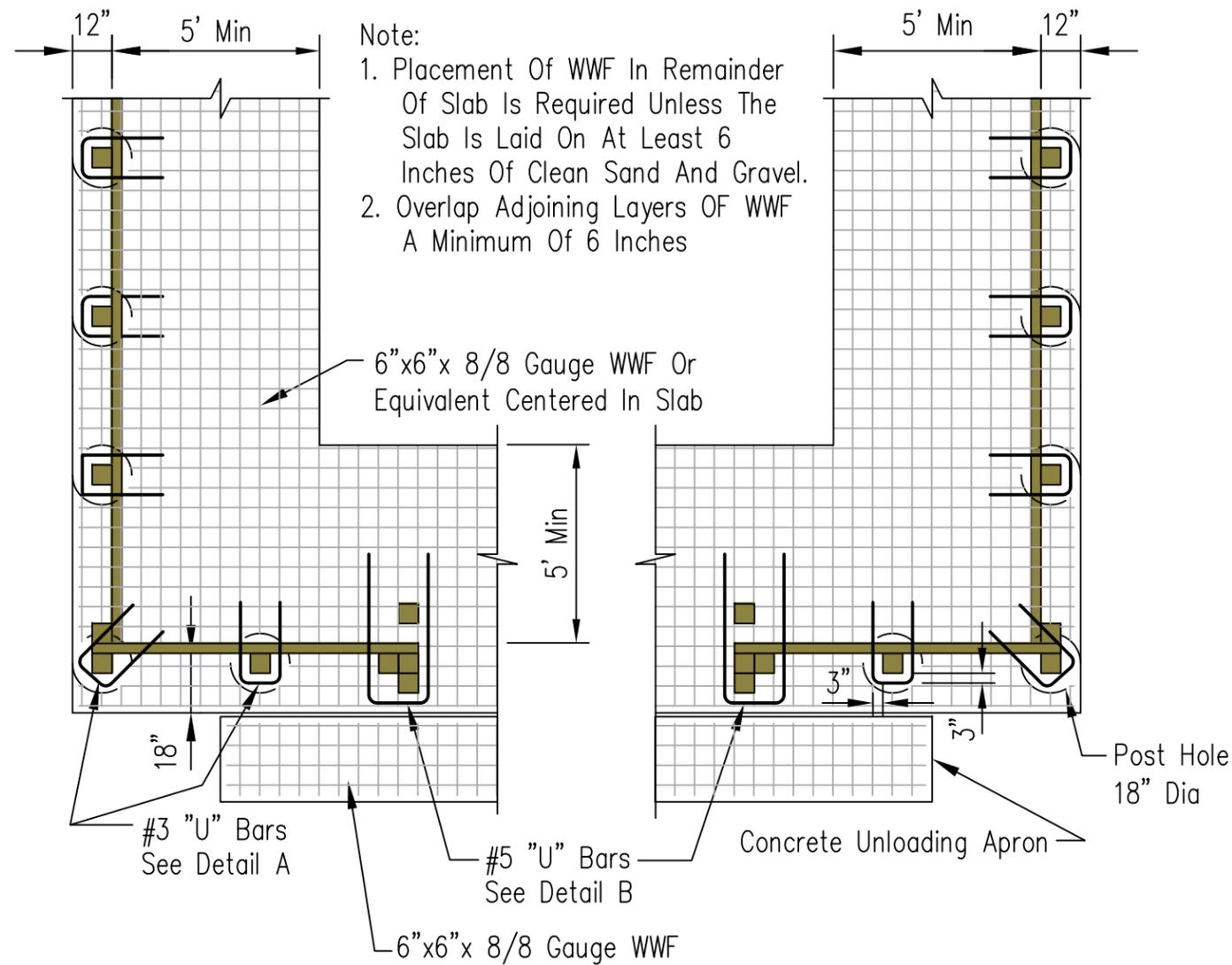
Designed	Date
Drawn	9/1/13
Checked	M. QUINONES
Approved	

**MANURE STORAGE UNIT
 WOOD POST AND PLANK WALL
 CONSTRUCTION SPEC. SHEET**

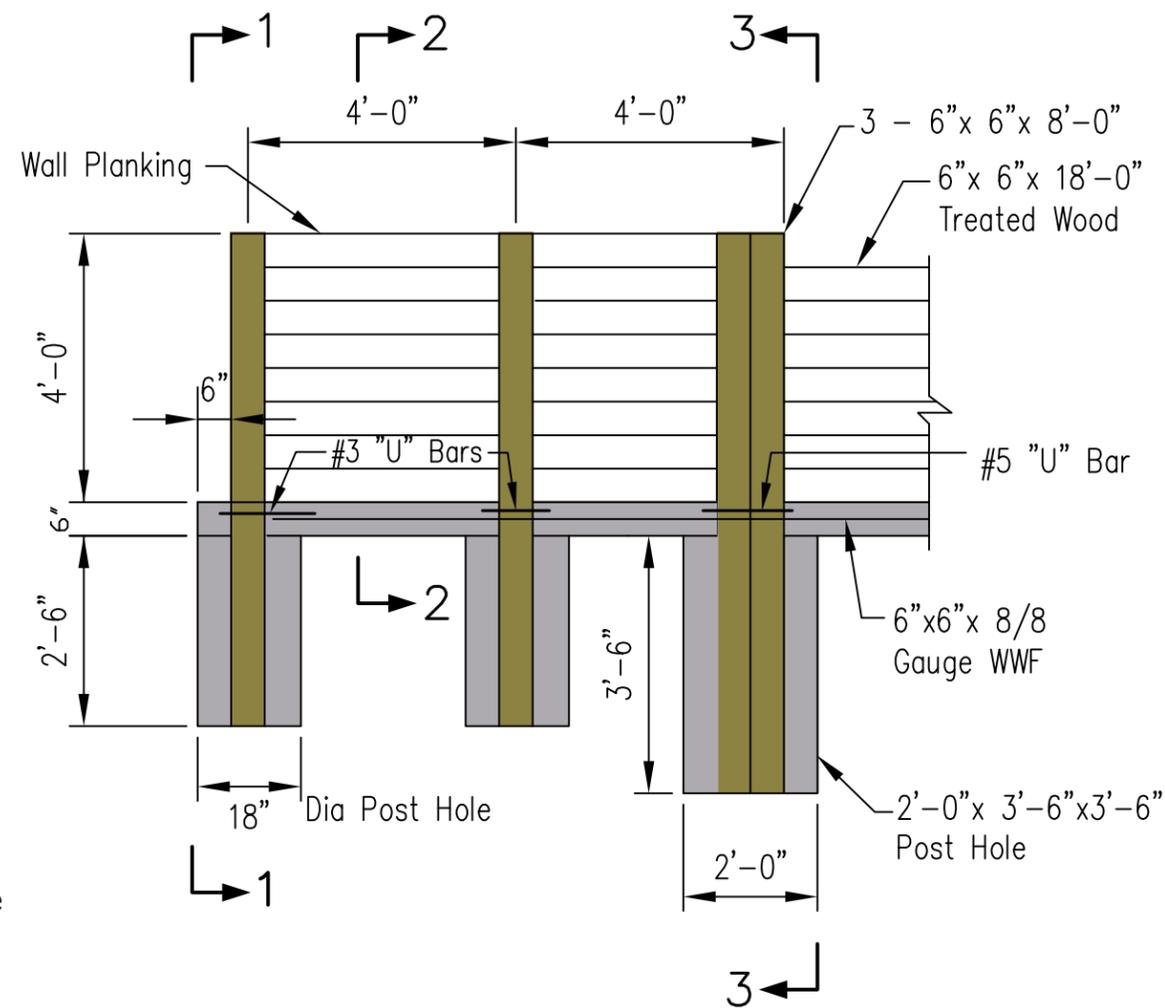


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Drawing No.	
Page	1 of 3
Sheet	of

Landowner		Location	
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PLAN VIEW—HALF PLAN
Showing Steel And WWF Placement



SECTIONAL ELEVATION

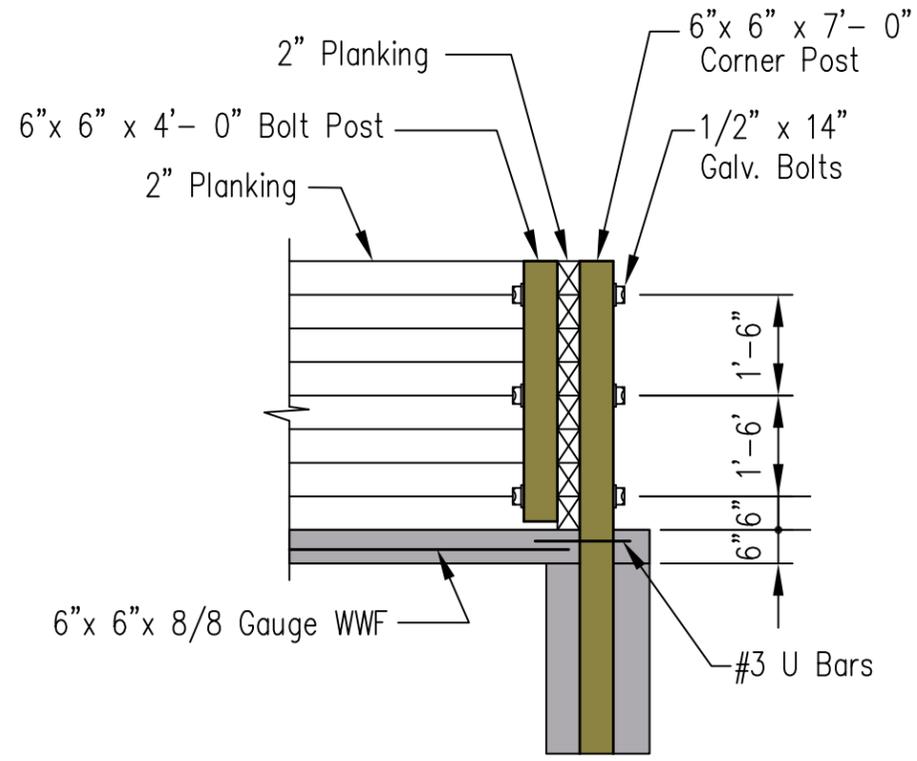
Designed	M. QUINONES	Date	9/1/13
Drawn		Checked	
Approved			

**MANURE STORAGE UNIT
WOOD POST AND PLANK WALL
CONSTRUCTION SPEC. SHEET**

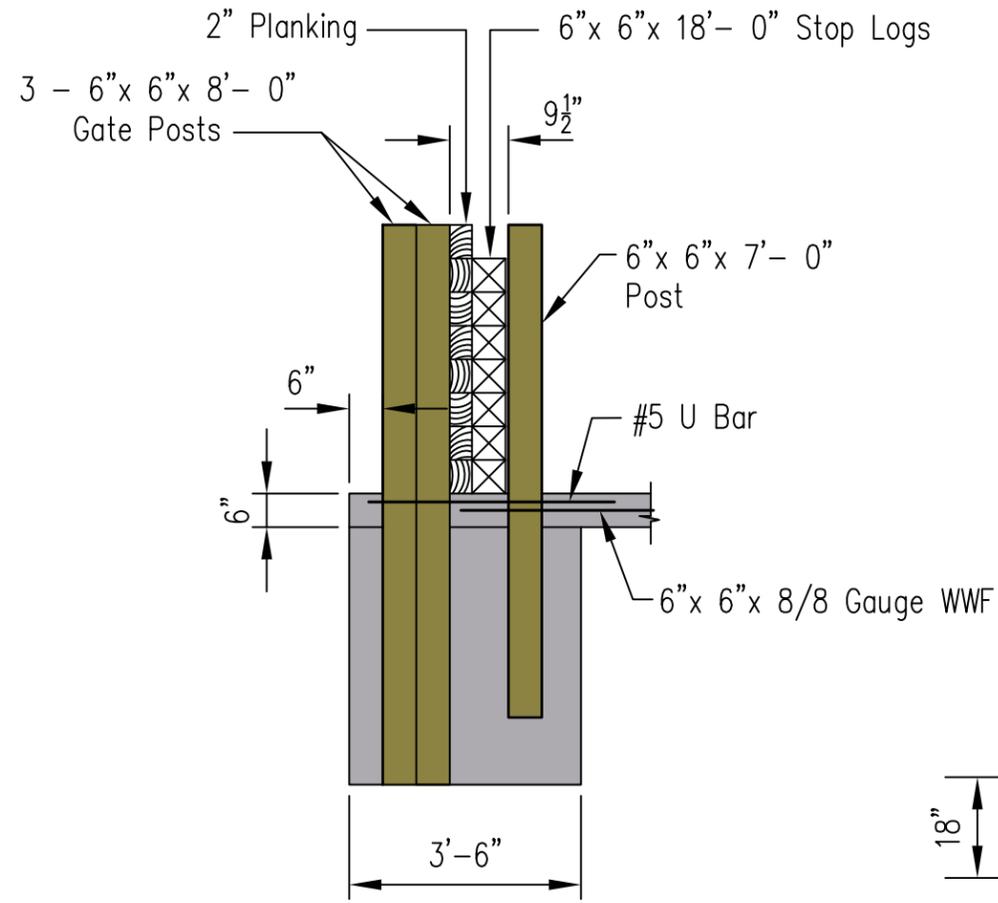


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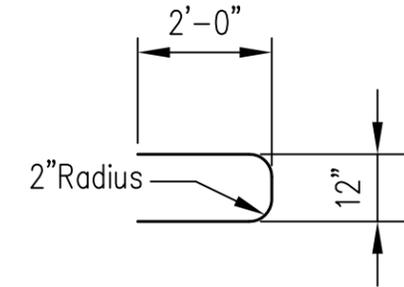
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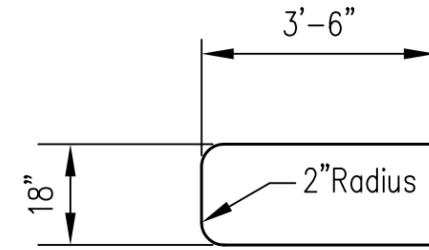
SECTION 1-1
Corner Detail



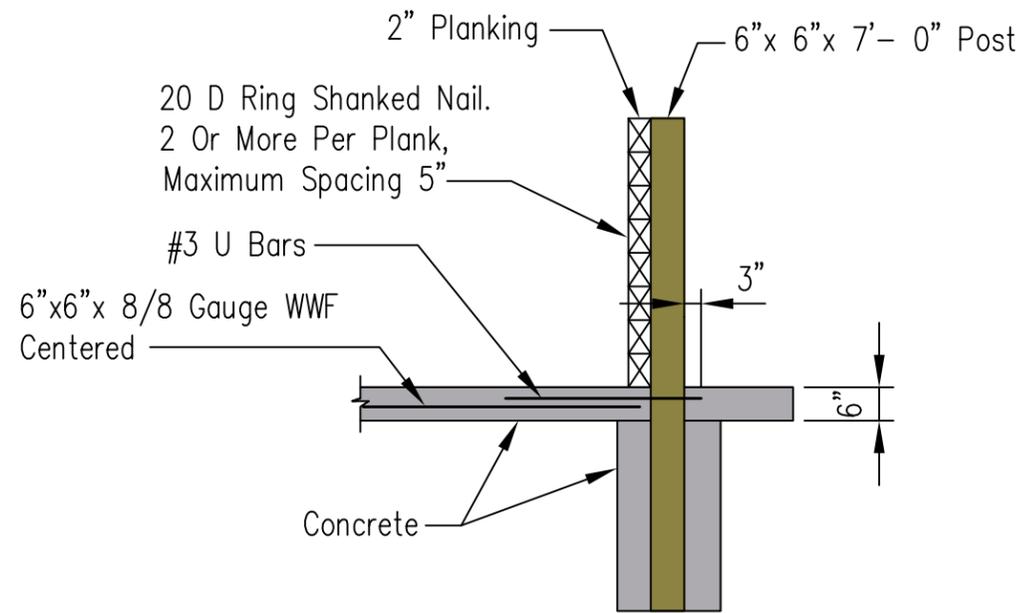
SECTION 3-3
Gate Detail



DETAIL A
#3 Bar



DETAIL B
#5 Bar



SECTION 2-2
Wall Detail

Date	9/1/13
Designed	
Drawn	M. QUINONES
Checked	
Approved	

MANURE STORAGE UNIT
WOOD POST AND PLANK WALL
CONSTRUCTION SPEC. SHEET



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