

### General Information

- Bin model \_\_\_\_\_
- Installation date \_\_\_\_\_
- Last Date of maintenance \_\_\_\_\_
- Operators manual- given to farmer/secured to door

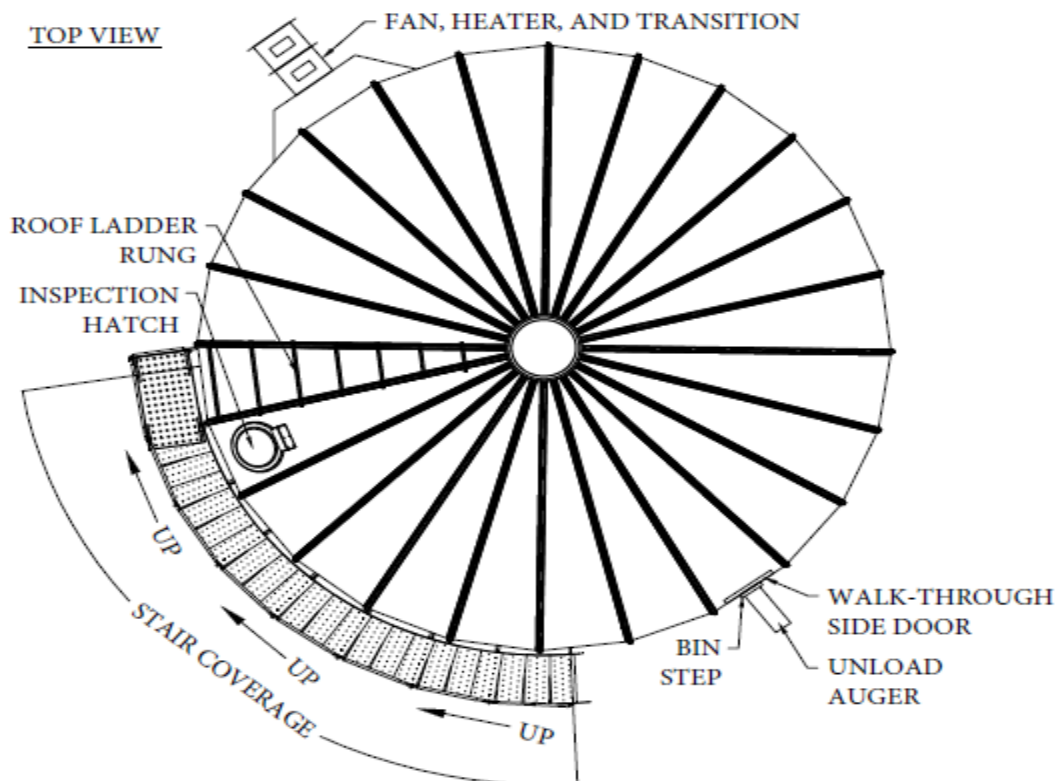
**Note: this information is required for clerical purpose and warranty**



### Accessories locations

- It is important that all components of grain bin be properly located to maximize efficiency and effectiveness of equipment.
- Most factors should be considered before foundation is poured.
  - Double-check desired location of side entry door, manhole, sidewall and roof ladders, fan(s) and/or heater(s), unload system, eave platform(s), walkway(s), and venting equipment.
- If sliding peak lid is used, it should slide away from roof ladder.

**Below** is a suggested typical layout. Fan, heater, and transition should be placed directly opposite unload auger.



**NOTE:** Hopper bins may not include side entry door, fan(s) and/or heater(s), unload tube, and venting equipment.

\*The following tables do not account for rest platforms. If rest platforms are being installed, you must add 3 to the amount of 9-3/8" bolt spaces.

**Table 1. Circular Stair Running Distance for platform at Mid Tier— Farm**

# of Tiers	Tier Height <sup>1</sup>	9-3/8" Bolt Spaces <sup>2</sup>	Horizontal Distance <sup>3</sup>	
			ft - in	meters
3	11' 0"	18	14' 3/4"	4.29
4	14' 8"	24	18' 9"	5.72
5	18' 4"	30	23' 5-1/4"	7.14
6	22' 0"	36	28' 1-1/2"	8.57
7	25' 8"	42	32' 9-3/4"	10.00
8	29' 4"	48	37' 6"	11.43
9	33' 0"	54	42' 2-1/4"	12.86
10	36' 8"	60	46' 10-1/2"	14.29
11	40' 4"	66	51' 6-3/4"	15.72
12	44' 0"	72	56' 3"	17.15
13	47' 8"	78	60' 11-1/4"	18.57
14	51' 4"	84	65' 7-1/2"	20.00
15	55' 0"	90	70' 3-3/4"	21.43
16	58' 8"	96	75' 0"	22.86

1. Tier height based on 44" distance between horizontal seams on a wall sheet.
2. Based on twelve 9-3/8" horizontal bolt spaces per wall sheet.
3. Horizontal distance measured around grain bin from platform's rear support to front of bottom tread.

**Table 2. Circular Stair Running Distance for Platform at Eave Location - Farm**

# of Tiers	Tier Height <sup>1</sup>	9-3/8" Bolt Spaces <sup>2</sup>	Horizontal Distance <sup>3</sup>	
			ft - in	meters
3	11' 0"	21	16' 4-7/8"	5.00
4	14' 8"	27	21' 1-1/8"	6.43
5	18' 4"	33	25' 9-3/8"	7.86
6	22' 0"	39	30' 5-5/8"	9.29
7	25' 8"	45	35' 1-7/8"	10.72
8	29' 4"	51	39' 10-1/8"	12.14
9	33' 0"	57	44' 6-3/8"	13.57
10	36' 8"	63	49' 2-5/8"	15.00
11	40' 4"	69	53' 10-7/8"	16.43
12	44' 0"	75	58' 7-1/8"	17.86
13	47' 8"	81	63' 3-3/8"	19.29
14	51' 4"	87	67' 11-5/8"	20.72
15	55' 0"	93	72' 7-7/8"	22.15
16	58' 8"	99	77' 4-1/8"	23.57

1. Tier height based on 44" distance between horizontal seams on a wall sheet.
2. Based on twelve 9-3/8" horizontal bolt spaces per wall sheet.
3. Horizontal distance measured around grain bin from platform's rear support to front of bottom tread.

**Safety Decals**

- Installed as per Manual
- Decals clearly visible to the customer
- Damage decals
  - Replaced if damaged

**Roof**

- Hardware in place and tight
- Roof panels secure and tight
- Roof vents secure and seal tight
- Wind rings secured and properly adjusted
- Bird stops all secure and in place

**Sidewall**

- Check for missing bolts or over torque bolts
- Rusted body sheet visible on exterior
  - Document, record locations and report to dealer
  - Wind rings aligned, connected and properly position
  - Mounting brackets secure
- Damaged or dented wall sheets

**Stiffeners**

- Aligned end of stiffeners
- Splice hardware tight and aligning connections
  - Properly shimmed
- Missing or broken bolts
- Evaluate for bowing

**Ladder (inside, outside) & Platforms**

- All hardware installed and tight
  - Attaching brackets
  - Ladder splices
  - Ladder cages if applicable
  - Ladder straps if applicable

**Foundation**

- Concrete Levelness
- Drainage
  - Water drains away from bin
  - Seal between bin wall and foundation
- Concrete Cracks
- Fan supported according to manufacturer specification



### Anchors

- None Missing
- Clean and free from rust
- Proper washers

### Aeration Floor

- Supports properly located
- Clean under floor before installing planks
- Floor flashing oriented properly
- Seal all gaps around unloads

### Fan and Aeration

- Inspect for leaks and seal all cracks on transition

### Doors

- Door panels aligned on pins
- Door sealed properly against leaking
- All bolts installed and torque
- Door latch adjustment

### Electrical

- Bin Ground wire
- Electrician to check
  - Code performance
  - Switches and electrical controls

### Monitor cables if applicable

- Proper roof attachments and location
- Vertical orientation between floor and roof
- Tie down cables
- Observer for damage cables During installation
  - Replace if damage

### Finished build

- Clean site
  - Leftover metals
  - Discard any boxes

Check by: \_\_\_\_\_

Date: \_\_\_\_\_

Location \_\_\_\_\_

