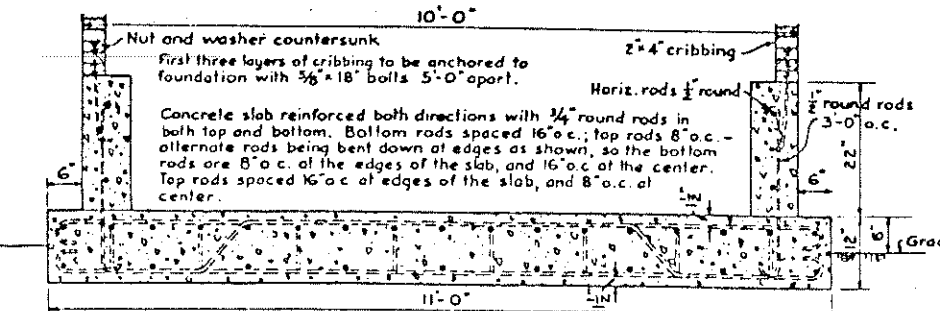
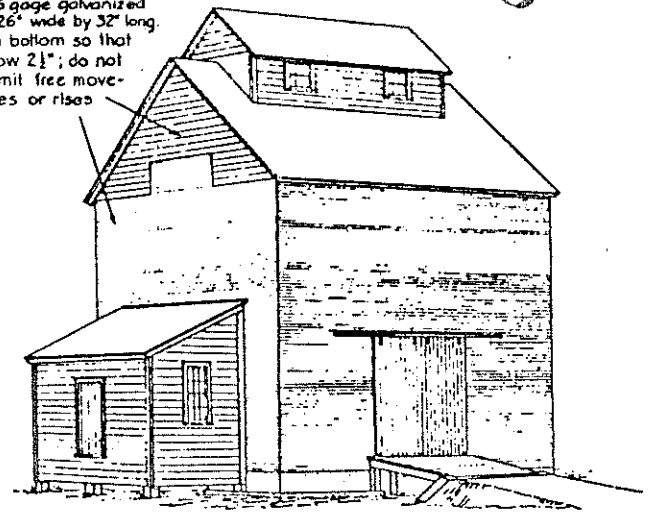


FOUNDATION PLAN SHOWING FRAMING

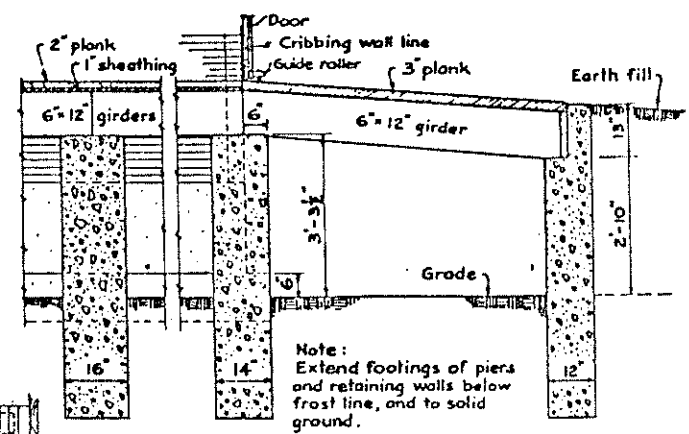


DETAIL OF REINFORCED SLAB AND FOUNDATION WALLS

NOTE
 Cover outside walls with 26 gage galvanized corrugated metal sheets 26" wide by 32" long. Nail the sheets 4" from the bottom so that each will lap the sheet below 2 1/2"; do not nail at top. This is to permit free movement as the cribbing settles or rises when filling or emptying.

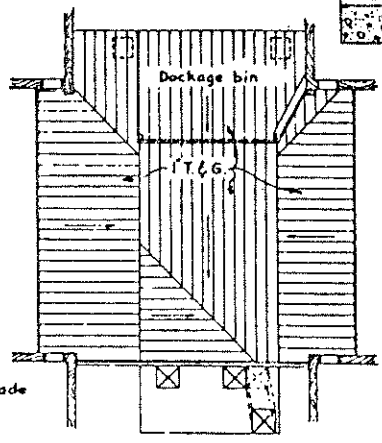


PERSPECTIVE



RAMP SECTION AT C

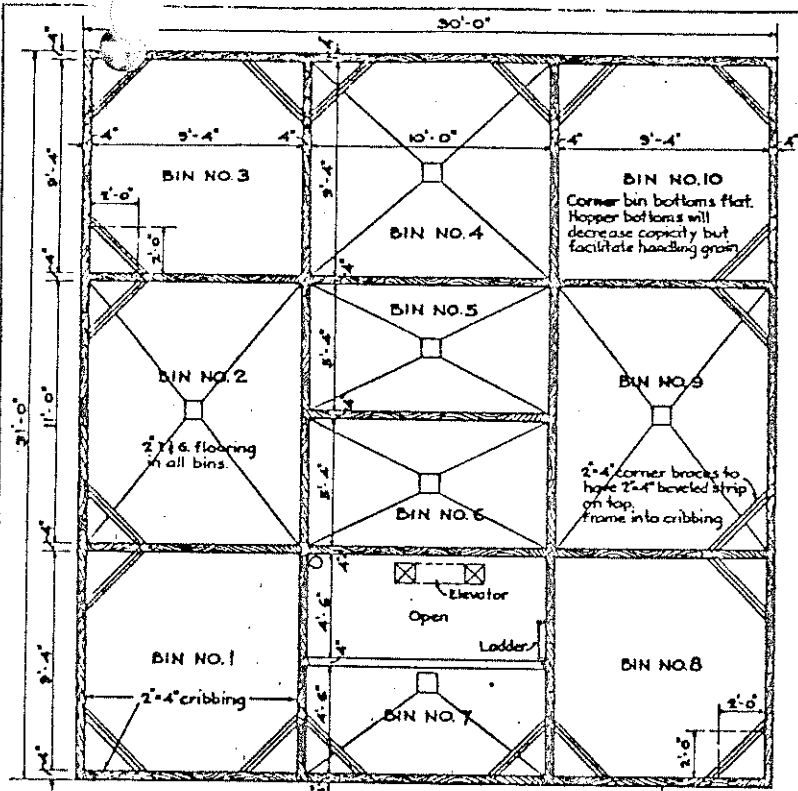
Note:
 Extend footings of piers and retaining walls below frost line, and to solid ground.



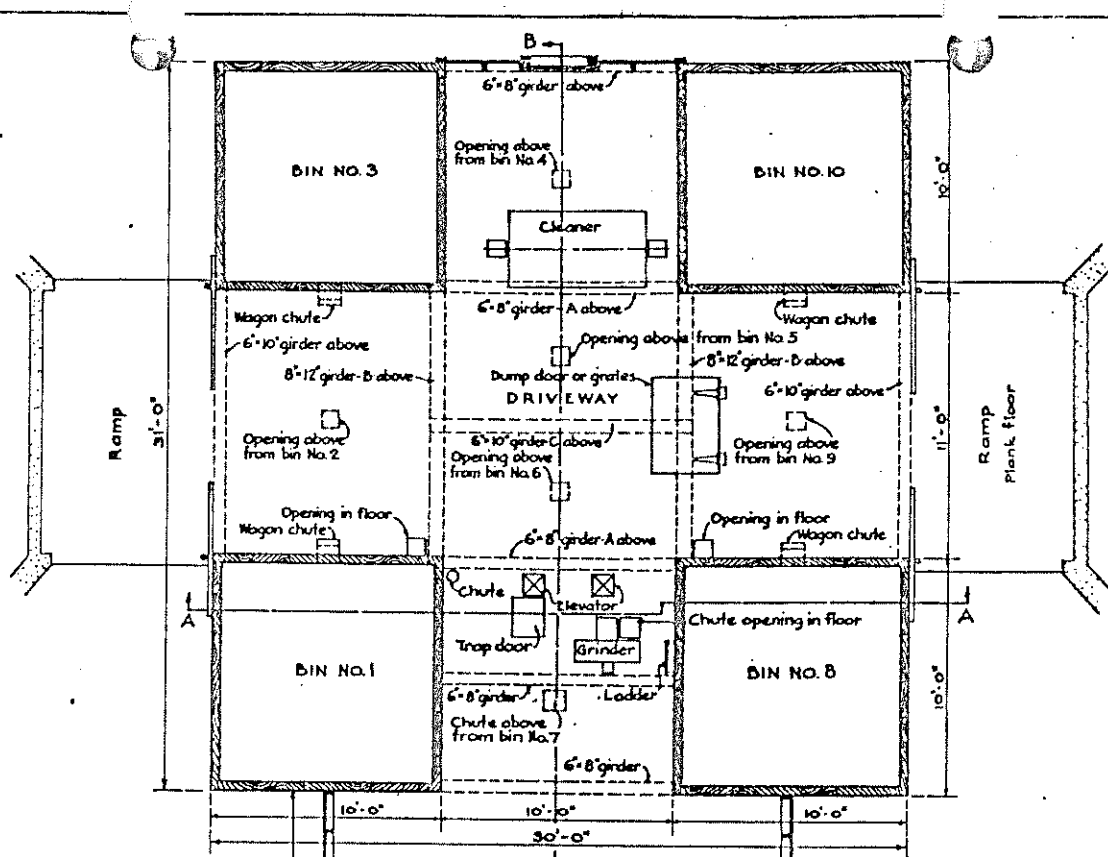
PLAN OF DUMP HOPPER

NOTE:
 It is recommended that the concrete foundation at least be provided by an experienced builder.

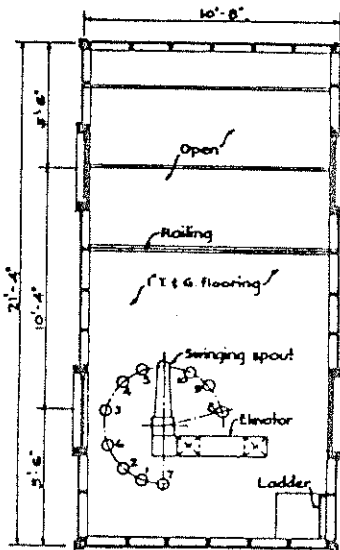
| | | |
|---|----------|--------------|
| COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS | | |
| AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING | | |
| GRAIN ELEVATOR | | |
| USDA '38 | EX. 5532 | SHEET 1 OF 3 |



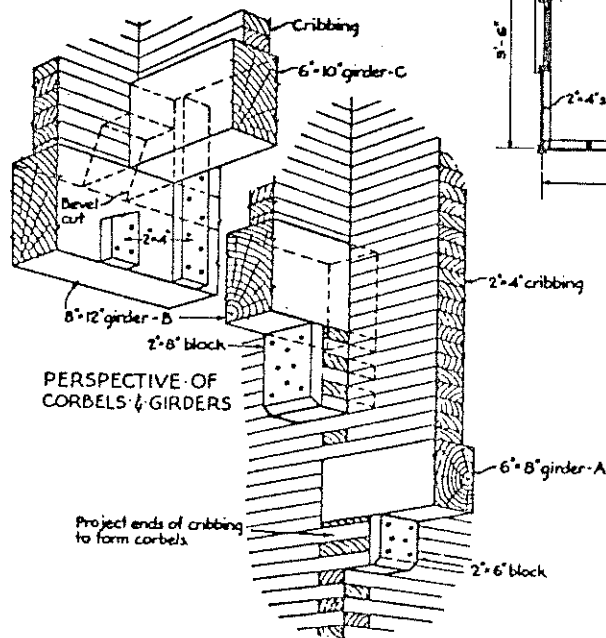
PLAN OF BINS



PLAN OF WORK FLOOR



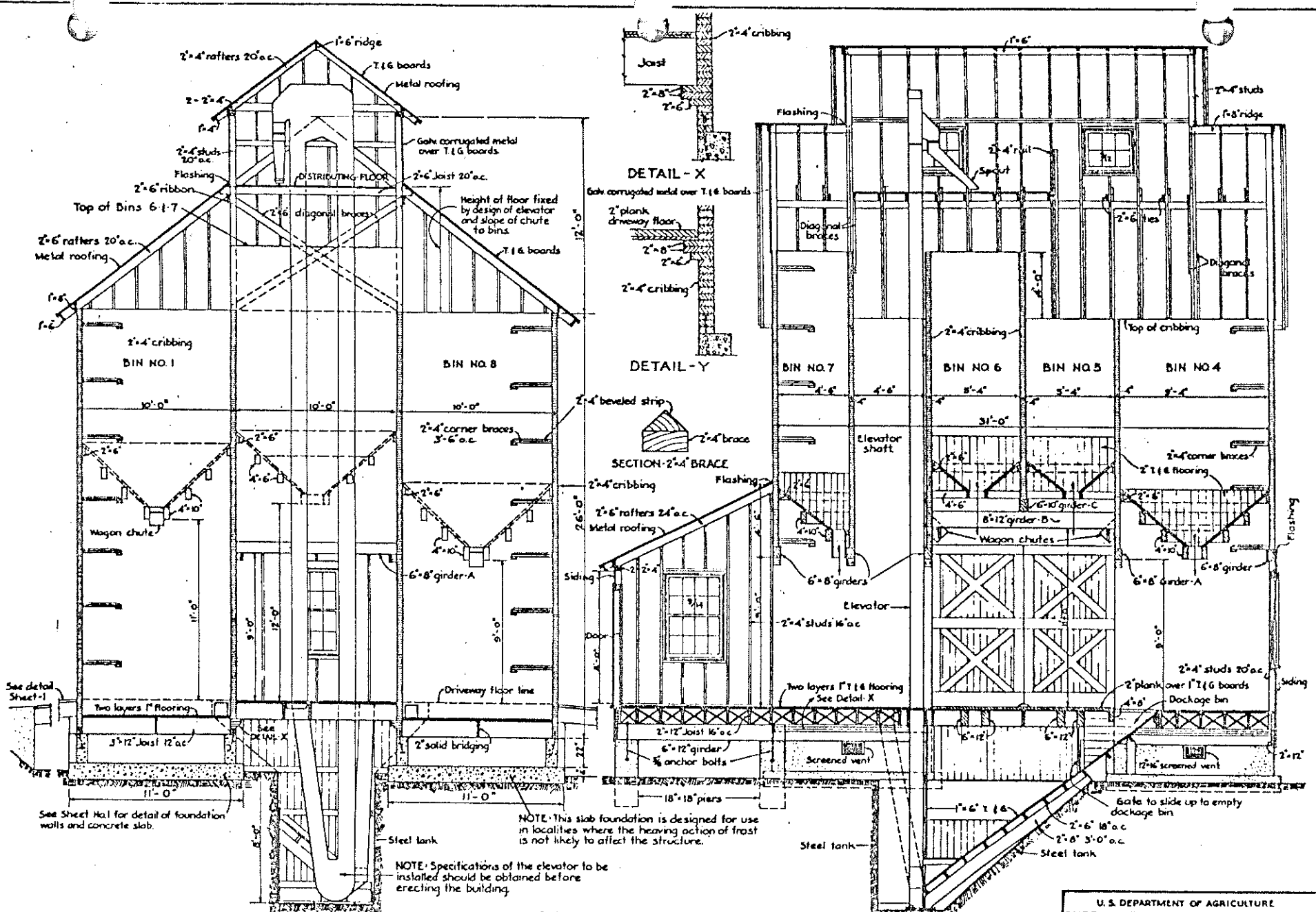
PLAN OF DISTRIBUTING FLOOR



PERSPECTIVE OF CORBELS & GIRDERS

CAPACITY 10,000 BU.

| | | | |
|------------------------------------|---------|---------------------|------|
| U. S. DEPARTMENT OF AGRICULTURE | | | |
| BUREAU OF AGRICULTURAL ENGINEERING | | | |
| DIVISION OF STRUCTURES | | | |
| GRAIN ELEVATOR | | | |
| Scale: As shown | CHECKED | SHEET 2 OF 3 SHEETS | |
| Drawn by: G. E. L. C. | | | |
| Traced by: G. E. L. C. | | | |
| Approved | | SERIAL NO. | 5532 |



SECTION A-A

SECTION B-B

NOTE: 2x4 cribbing spiked with 40d nails, spaced 16" o.c. in bottom layers, spacing to be increased gradually until the nails are 3'-0" o.c. in the top layers. Nails to be staggered.

NOTE: This slab foundation is designed for use in localities where the heaving action of frost is not likely to affect the structure.

NOTE: Specifications of the elevator to be installed should be obtained before erecting the building.

See Sheet Nal for detail of foundation walls and concrete slab.

See detail Sheet-1

See DETAIL X

CAPACITY 10,000 BU.

| | | |
|------------------------------------|---------|---------------------|
| U. S. DEPARTMENT OF AGRICULTURE | | |
| BUREAU OF AGRICULTURAL ENGINEERING | | |
| DIVISION OF STRUCTURES | | |
| GRAIN ELEVATOR | | |
| Scale: As shown | CHECKED | SHEET 3 OF 3 SHEETS |
| Drawn by: G. E. R. C. | | |
| Traced by: G. E. R. C. | | SERIAL NO. |
| Approved | | 5532 |