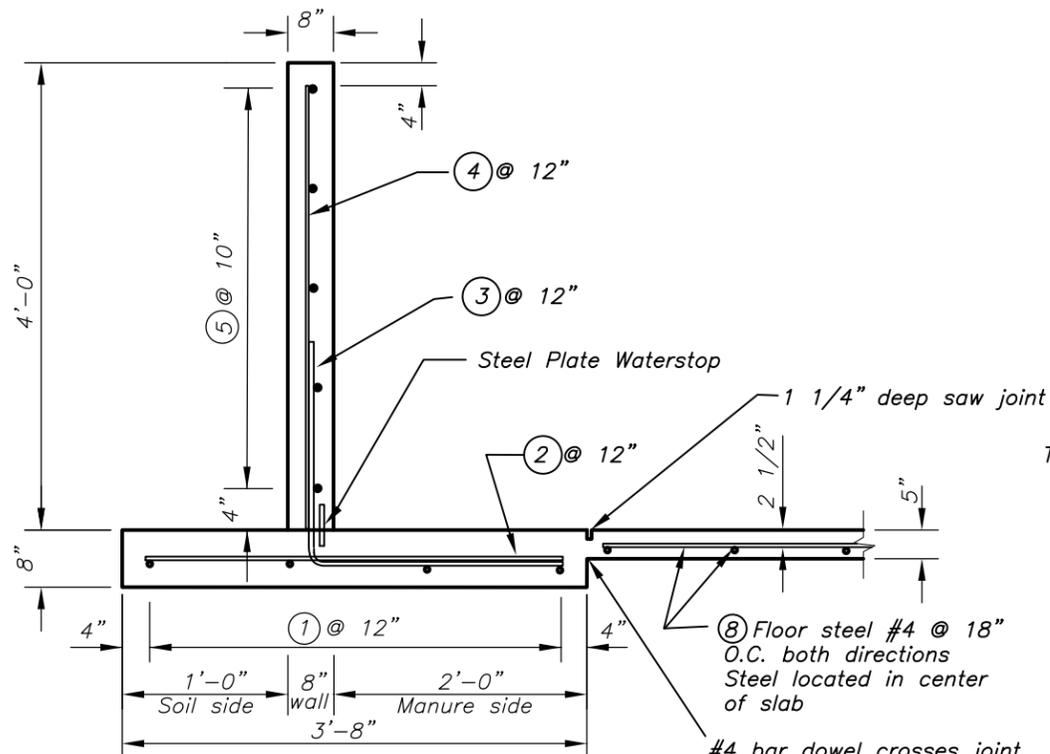
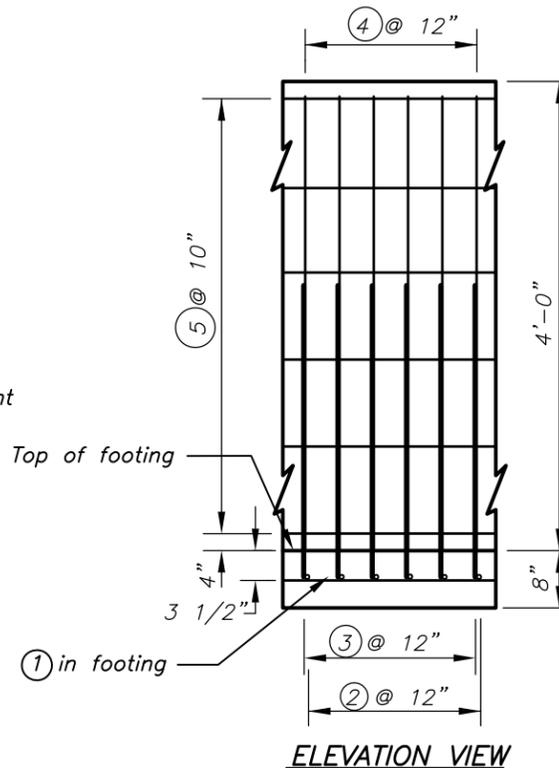


PLAN OF BASE VIEW

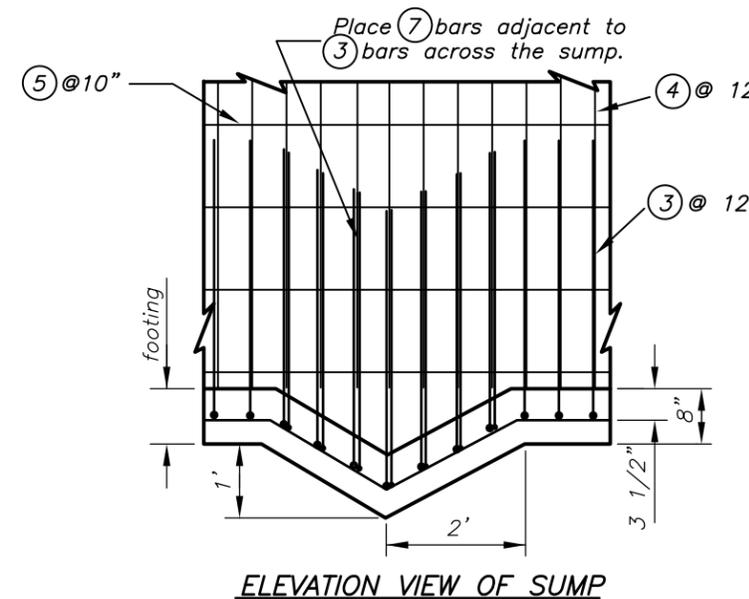
- Notes:
1. The dimension shown is the clear distance from face of concrete to closest edge of reinforcing bar. Bar spacing is center to center of bars.
 2. Bars ② and ③ shall be placed with 3 1/2" clear distance to the top of the footing.
 3. The ⑥ bars are located in corners and tied directly to ⑤ (horizontal) bars in wall.
 4. To avoid duplicating reinforcing steel the ② bars at corners may be omitted as approved by engineer.
 5. The ① bars at corners shall extend within 2 1/2 inches of outside of footing.
 6. Bars ③, ④ and ⑤ shall be placed in the center of the 8 inch wall.
 7. Horizontal footing and floor bars ① and ⑧ shall be field bent as needed to install sump.
 8. Full depth and dimension of sump shall extend to inside edge of retaining wall footing. Grade floor into sump to insure drainage.



TYPICAL CROSS SECTION
not to scale



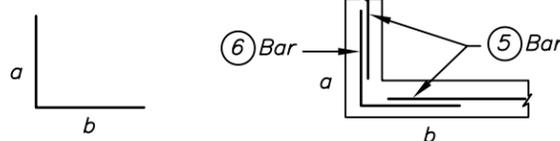
ELEVATION VIEW



ELEVATION VIEW OF SUMP

| ESTIMATED QUANTITIES | |
|----------------------|----|
| Concrete | |
| Walls | CY |
| Floor | CY |
| Total | CY |
| Rebar | |
| #4-Floor | LF |
| #4-Walls/Footing | LF |
| Drainpipe | LF |
| Pipe Bedding | CY |
| Filter Fabric | SY |

| BAR SCHEDULE | | | | | | | | |
|--------------|------|-------|----------|--------|--------------|--------|-------|-------|
| Type 1 | | | Type 2 | | | Type 3 | | |
| MARK | SIZE | SPACE | QUANTITY | LENGTH | TOTAL LENGTH | TYPE | a | b |
| 1 | #4 | 12" | | 20' | | 1 | --- | --- |
| 2 | #4 | 12" | | 3'-3" | | 1 | --- | --- |
| 3 | #4 | 12" | | 4' | | 2 | 2'-0" | 2'-0" |
| 4 | #4 | 12" | | 3'-9" | | 1 | --- | --- |
| 5 | #4 | 10" | | 20' | | 1 | --- | --- |
| 6 | #4 | 10" | | 4' | | 3 | 2'-0" | 2'-0" |
| 7 | #4 | 12" | | 4' | | 2 | 2'-0" | 2'-0" |
| 8 | #4 | 18" | | 20' | | 1 | --- | --- |
| Dowel | #4 | 36" | | 2'-6" | | 1 | --- | --- |



4 FT REINFORCED CONCRETE WALL
FOR ANIMAL WASTE STORAGE

Date _____
Designed _____
Drawn _____
Checked _____
Approved _____

DRAFT
NOT FOR
CONSTRUCTION

United States Department of Agriculture
Natural Resources Conservation Service
NRCS
File Name _____
Drawing Name
29-N-601
Sheet _____ of _____