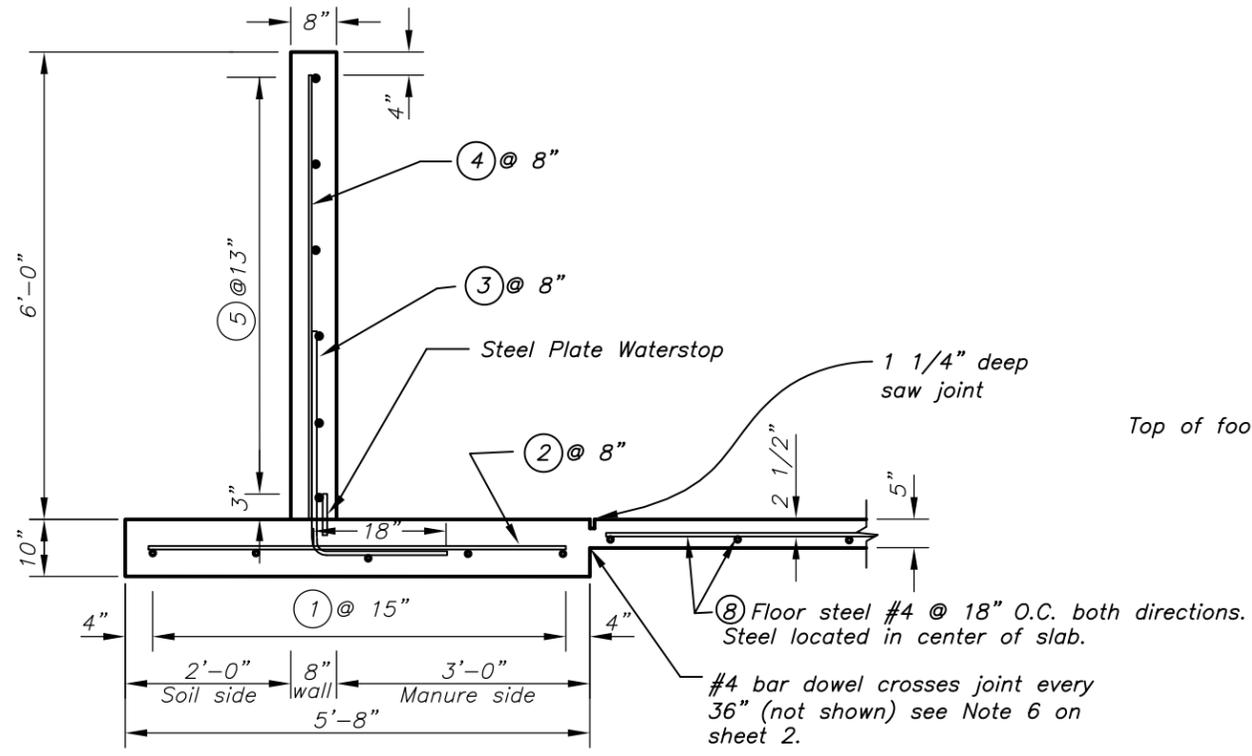
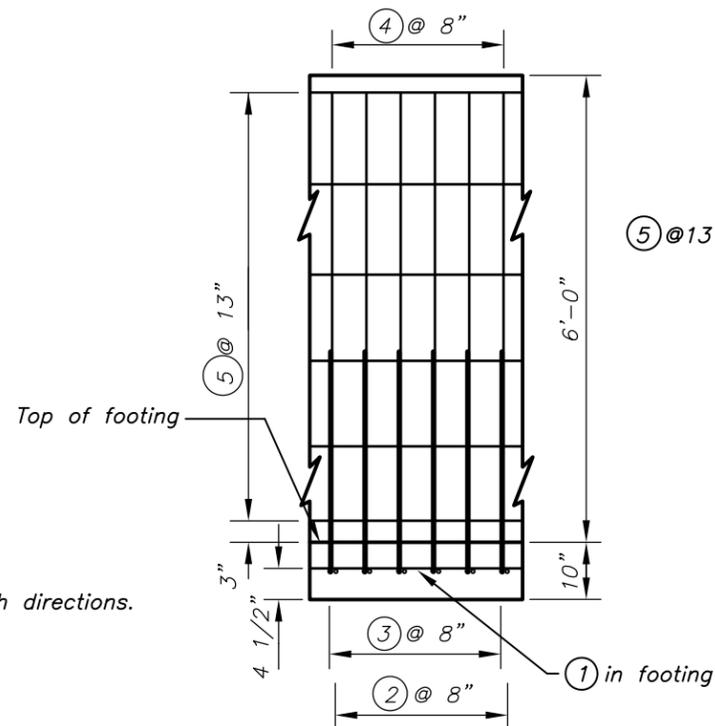


PLAN OF BASE VIEW

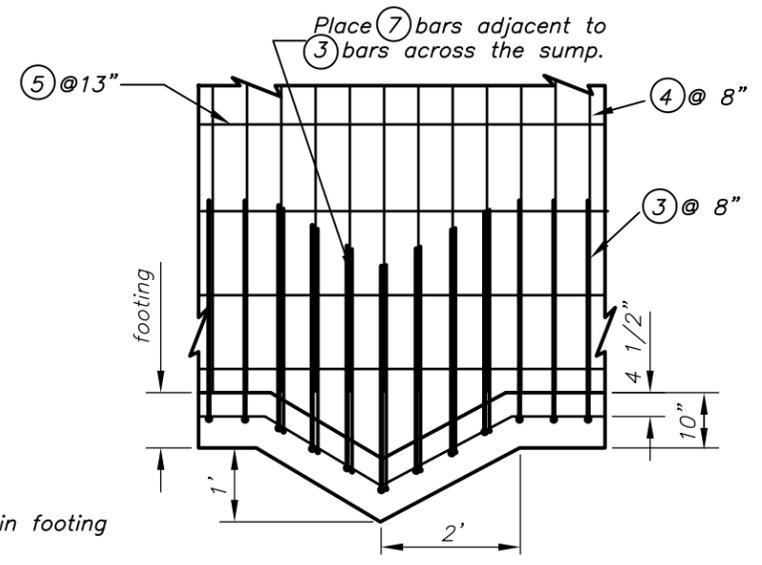
- Notes:
1. The dimension shown is the clear distance from face of concrete to closest edge of reinforcing bar. Bar spacing is center to center of bars.
 2. Bars ② and ③ shall be placed with 4 1/2" clear distance to the top of the footing.
 3. The ⑥ bars are located in corners and tied directly to ⑤ (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.
 9. If Grade 60 steel is used, the ②, ③ and ④ bars can be spaced on 12 inch centers.



TYPICAL CROSS SECTION
not to scale



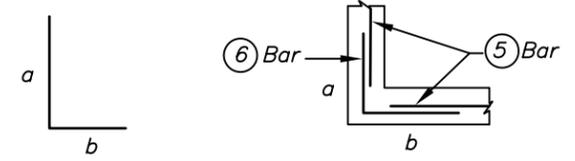
ELEVATION VIEW



ELEVATION VIEW OF SUMP

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

BAR SCHEDULE									
		Type 1		Type 2		Type 3			
MARK	SIZE	SPACE	QUANTITY	LENGTH	TOTAL LENGTH	TYPE	a	b	
1	#5	15"		20'		1	---	---	
2	#4	8"		5'-3"		1	---	---	
3	#5	8"		4'		2	2-6	1-6	
4	#4	8"		5'-9"		1	---	---	
5	#5	13"		20'		1	---	---	
6	#5	13"		5'		3	2-6	2-6	
7	#5	8"		4'-6"		2	3-0	1-6	
8	#4	18"		20'		1	---	---	
Dowel	#4	36"		2'-6"		1	---	---	



DRAFT
NOT FOR
CONSTRUCTION

6 FOOT REINFORCED CONCRETE WALL
FOR ANIMAL WASTE STORAGE

Date	
Designed	
Drawn	
Checked	
Approved	



File Name	
Drawing Name	29-N-602
Sheet	of