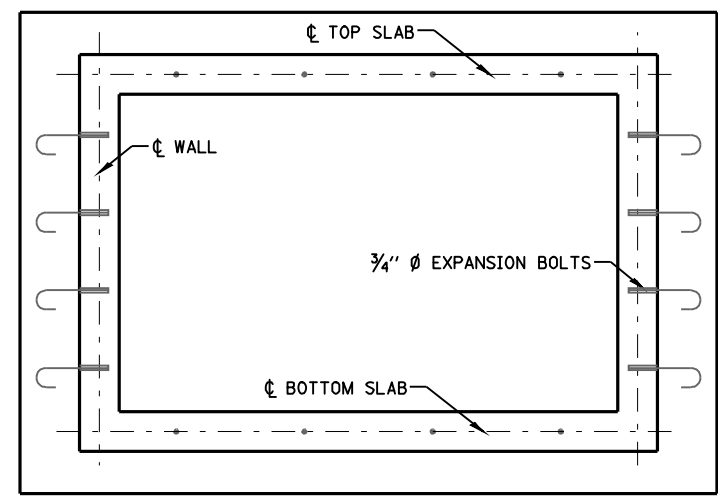
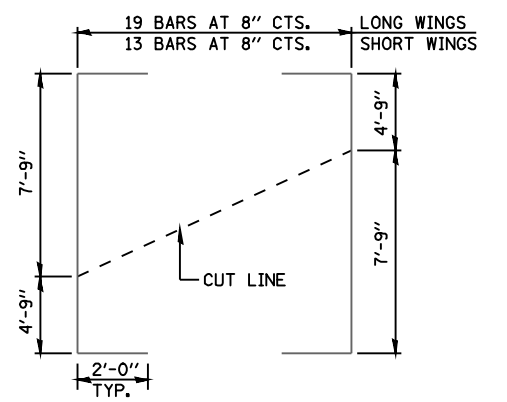
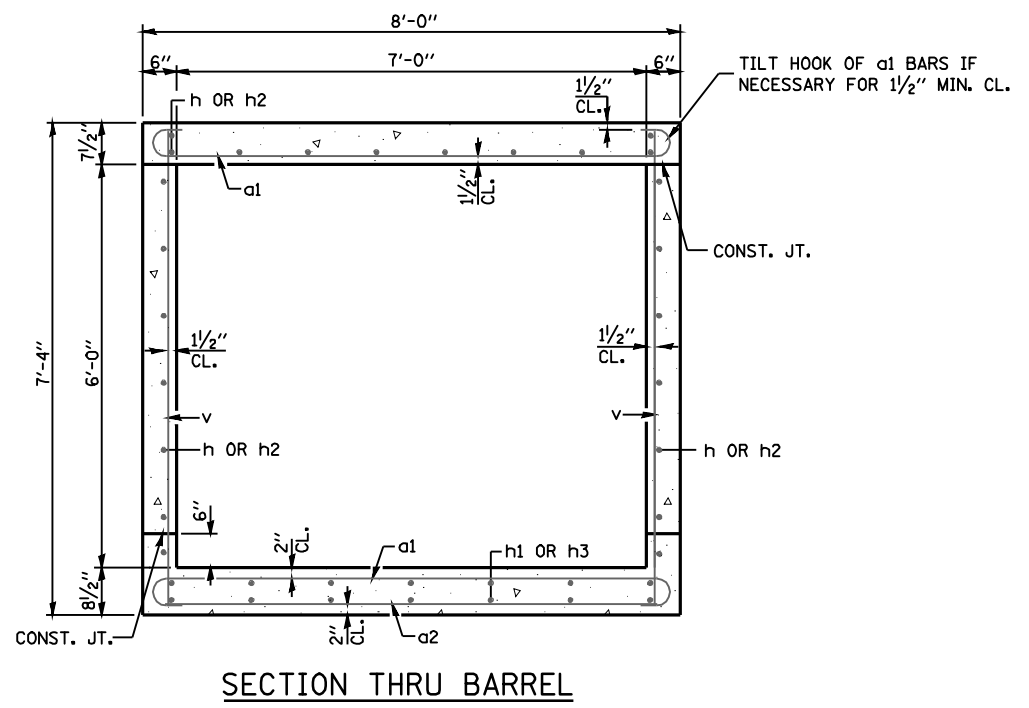


DESIGN STRESSES
 (NEW CONSTRUCTION)
 fy = 60,000 PSI
 f'c = 3,500 PSI

LOADING HS 20-44 & ALT.
 (NEW CONSTRUCTION)

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
a1	126	#7	9'-4"	—
a2	17	#4	7'-3"	—
b	2	#4	9'-10"	—
b1	2	#4	12'-7"	—
b2	2	#4	15'-5"	—
b3	2	#4	18'-3"	—
b4	2	#4	21'-1"	—
b5	4	#4	22'-11"	—
d	32	#4	5'-4"	└
h	23	#6	15'-1"	—
h1	14	#5	15'-1"	—
h2	23	#6	21'-6"	—
h3	14	#5	21'-6"	—
h4	12	#6	7'-7"	—
h5	16	#6	8'-3"	—
h6	10	#4	12'-7"	—
h7	10	#4	8'-11"	—
h8	2	#4	15'-6"	—
h9	2	#4	11'-9"	—
s	40	#4	4'-1"	□
s1	8	#4	3'-11"	□
s2	36	#8	6'-0"	□
v	92	#4	7'-0"	—
v1	40	#8	8'-2"	—
v2	64	#5	16'-6"	—
REINFORCEMENT BARS			POUND	8,190



- NOTES:**
- EXPOSED EDGES SHALL BE BEVELED 3/4".
 - FOR BACKFILLING AND EMBANKMENT, SEE STANDARD SPECIFICATIONS.
 - REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 GR. 60. SEE SPECIAL PROVISIONS.
 - EXPANSION BOLTS SHALL BE 3/4" diameter HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE.