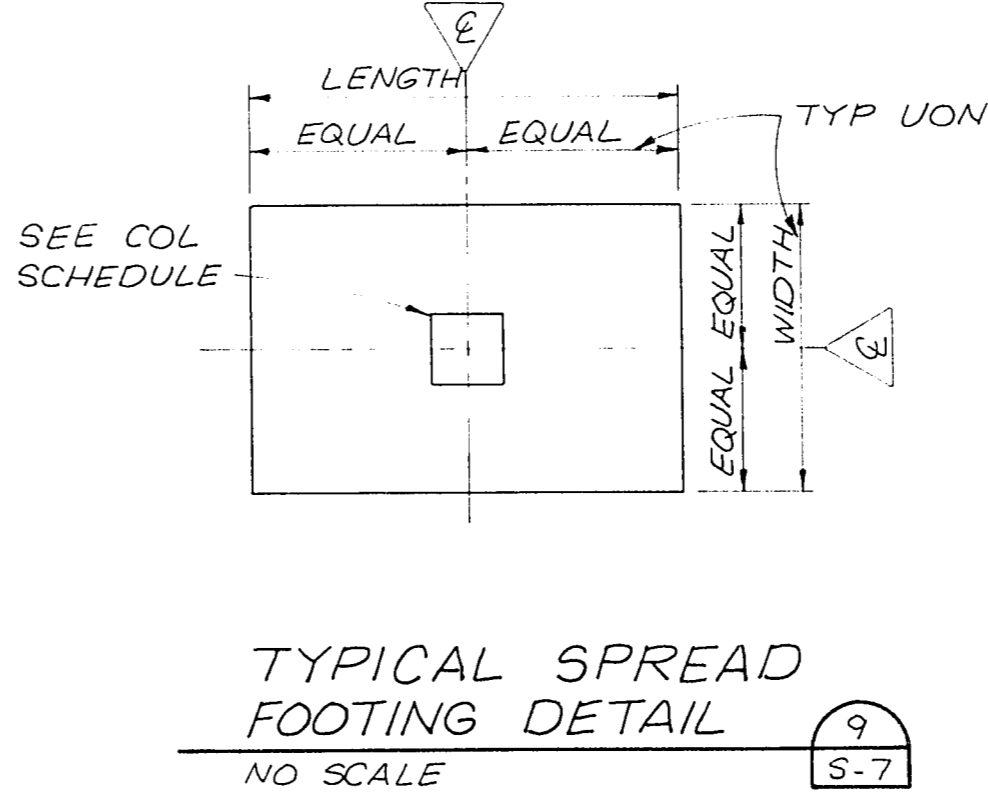
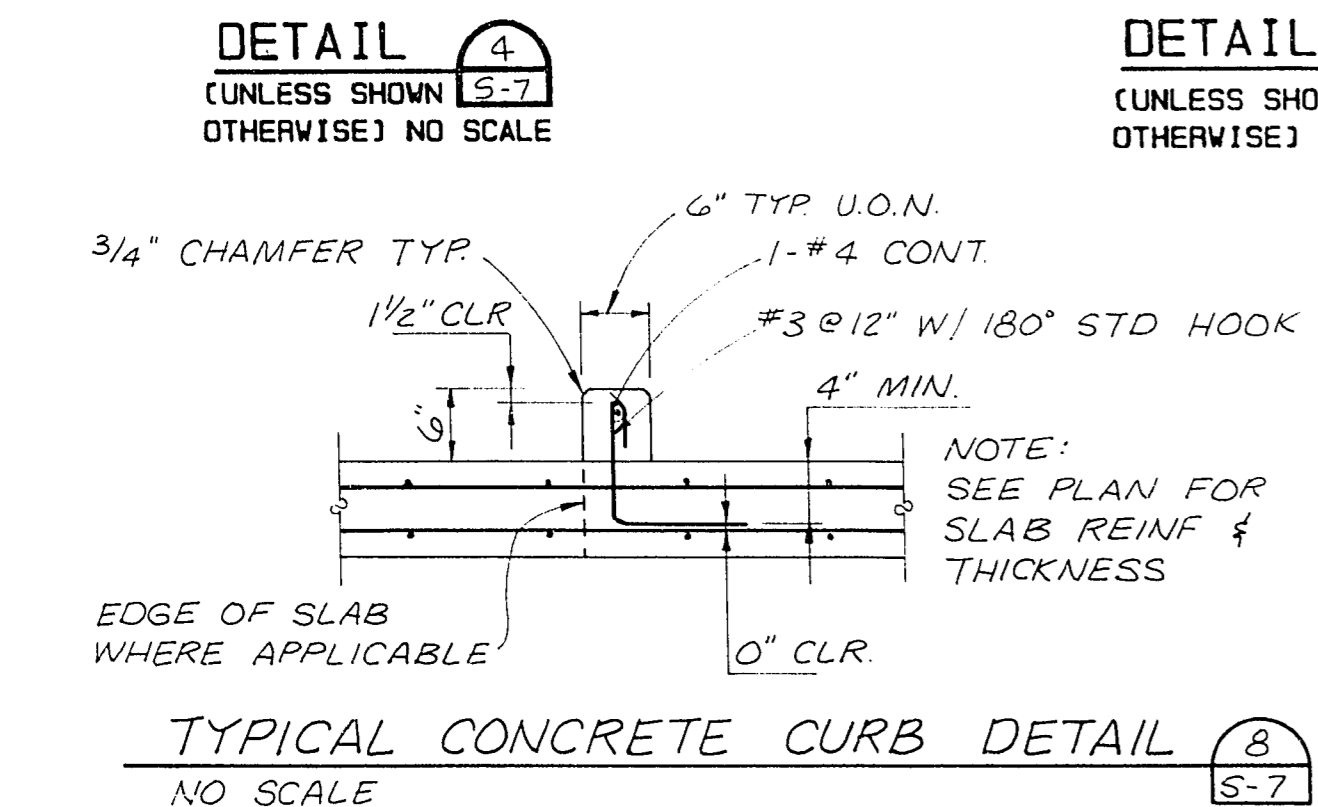


MARK	SIZE	REINF.	T.O. FTG. EL.	REMARKS
A-1, A-6	3'-8"	8-#7 #3 TIES @ 12"	EL. 1692'-0"	NO SPLICE IN VERT. BARS
B-1, B-6	5'-2"	10-#7 #3 TIES @ 12"	EL. 1692'-0"	NO SPLICE IN VERT. BARS
C-1, C-6	4'-0"	8-#7 #3 TIES @ 12"	EL. 1692'-0"	NO SPLICE IN VERT. BARS
D-1, D-9 K-1, K-9		4-#7 #3 TIES @ 10"	EL. 1692'-0"	NO SPLICE IN VERT. BARS
D-2, D-8	2'-0"	6-#7 #3 TIES @ 10"	EL. 1692'-0"	PROVIDE 8-#7 @ D-8
D-3, D-4 D-5, D-6 D-7	1'-0"	4-#7 #3 TIES @ 12"	EL. 1692'-0"	PROVIDE D-6 BETWEEN EL. 1719'-0" AND 1723'-8"
E-2, E-8 G-2, G-8 J-2, J-8	4'-0"	8-#7 #3 TIES @ 12"	EL. 1692'-0"	
E-3, E-4 E-5, E-7		4-#7 #3 TIES @ 12"	EL. 1692'-0"	
F-3, F-4 F-5, F-7 G-3, G-4 G-5, G-7 H-3, H-4 H-5, H-7 J-3, J-4 J-5, J-7		4-#7 #3 TIES @ 12"	EL. 1692'-0"	
K-3, K-4 K-5, K-7		6-#7 #3 TIES @ 12"	EL. 1692'-0"	
K-2, K-8		8-#7 #3 TIES @ 10"	EL. 1692'-0"	

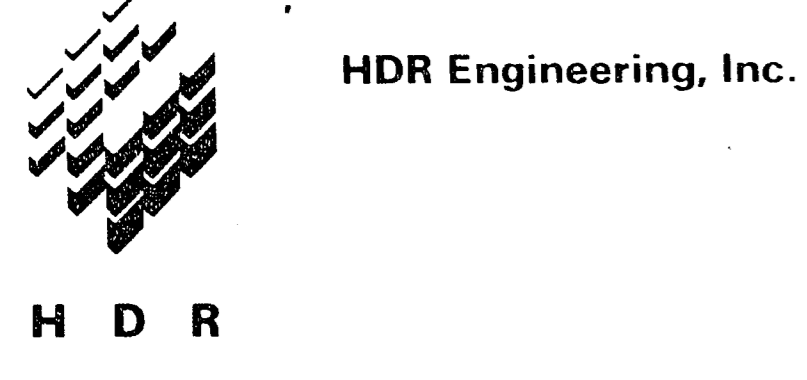
NOTE: SEE 1/S-6 & 4/S-6 FOR TYPICAL COLUMN NOTES.

FOOTING LOCATION	WIDTH	LENGTH	THK.	REINFORCING				T.O.F. EL.	REMARKS
				LONG WAY TOP	LONG WAY BOTTOM	SHORT WAY TOP	SHORT WAY BOTTOM		
FA	3'-4"	CONT.	1'-0"			3-#5	#4 @ 12"	1692'-0"	
FB	2'-0"	CONT.				3-#5	3-#5		FB REINF. CONT FROM FA TO ROW D
A-1, A-6	4'-8"	7'-4"		2-#5	2-#5		#5 @ 12"		
B-1, B-6	4'-8"	8'-8"							
C-1, C-6	4'-8"	7'-4"							
CAKE TANKS									SEE 1/S-1
FC	4'-8"	CONT.	1'-0"			4-#5	#5 @ 12"		
FD	4'-6"	CONT.	1'-0"			4-#5	#5 @ 12"		
FE	5'-0"	CONT.	1'-0"			6-#5	#5 @ 12"		
E-3, E-4, E-5	7'-8"	7'-8"	1'-8"			6-#7	6-#7		
E-7	7'-4"	7'-4"	1'-8"			6-#7	6-#7		
F-3-G-3, F-7-G-7	4'-8"	9'-7"	2'-0"	5-#6	5-#6	#5 @ 12"	#6 @ 12"		
F-4-G-4, F-5-G-5	4'-2"	9'-7"	2'-0"						SEE 1/S-5
H-3-J-3, H-7-J-7	4'-8"	11'-7"	2'-0"						
H-4-J-4, H-5-J-5	4'-2"	11'-7"	2'-0"						

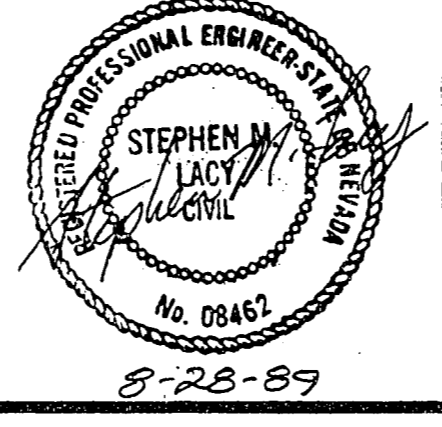
NOTE: SEE 4/S-6 AND 9/S-7 FOR TYPICAL FOOTING NOTES.



- PRESSURE RELIEF VALVE NOTES:
- SEE PLANS FOR NUMBER AND LOCATION OF PRESSURE RELIEF VALVES.
 - GRANULAR MATERIAL SHALL BE PLACED UNDER THE ENTIRE FOUNDATION BASE SLAB.
 - ALL GRANULAR MATERIAL TO BE COMPACTED TO 75 PERCENT RELATIVE DENSITY AS DETERMINED BY ASTM D-4253 AND ASTM D-4254.
 - A CONTINUOUS FILTER FABRIC SHEET MAY BE SUBSTITUTED FOR THE 6" FINE AGGREGATE LAYER. FILTER FABRIC TO BE ONE OF THE FOLLOWING:
 - A. MIRAFI 140N BY MIRAFI INC.
 - B. PROPEX 454S FABRIC BY AMOCO.
 - C. TYPAR (NON-WOVEN) FILTER FABRIC (WEIGHING AT LEAST 5 OZ. PER SQ. YD. PER ASTM D-1910) BY DUPONT.
 LAP FILTER FABRIC 8" AT SPLICES AND COVER PUNCTURES AND TEARS IN THE FABRIC WITH AN ADDITIONAL LAYER OF FABRIC LAPPED 8" ALL AROUND.



HDR Engineering, Inc.
CORRECTED ACCORDING TO CONSTRUCTION RECORDS



Project Manager: STEVE M. LACY
Architect: M.J. SHANAHAN
Civil: A.J. PETERSON
Electrical: F.E. MAYCOCK

8-28-89
I&C Process: D.F. PENNER
Mechanical: G.A. NELSON
Structural: R.E. KUMM
Las Vegas, Nevada

Sludge Dewatering Facilities
DETAILS AND SCHEDULES
Project No: 00120-028-041
Drawing No: S-7
Date: 1989
AS NOTED

29 of 69
311.18