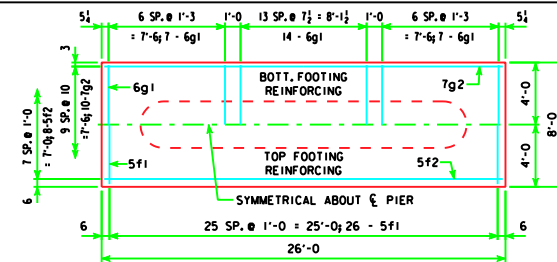
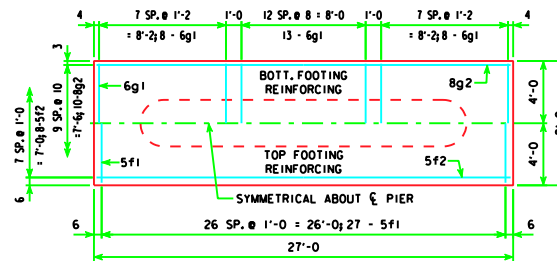


H IN FT.	℄ - ℄ ABUT. BKG.	FOOTING SIZE
138'-10 151'-4 163'-10 176'-4 188'-10	25 TO 27	4' x 8' x 26'
201'-4 213'-10 226'-4 243'-0	28 TO 30	4' x 9' x 27'
138'-10 151'-4 163'-10 176'-4 188'-10	31 TO 33	4' x 8' x 27'
201'-4 213'-10 226'-4 243'-0	34 TO 36	4' x 9' x 27'
138'-10 151'-4 163'-10 176'-4 188'-10	37 TO 40	4' x 10' x 27'

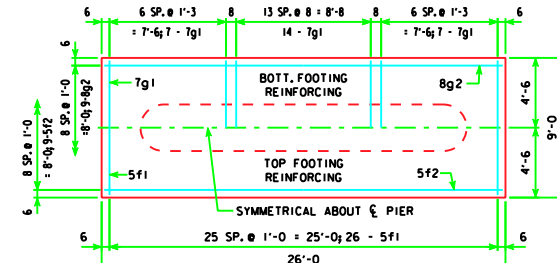
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 8' x 26'	d2	50 - #10 AS SHOWN	11'-4	2438	3707	30.8
	f1	26 - #5 @ 1'-0	7'-8	208		
	f2	8 - #5 @ 1'-0	25'-8	214		
	g1	28 - #6 AS SHOWN	7'-8	322		
	g2	10 - #7 @ 0'-10	25'-8	525		
	d2	50 - #10 AS SHOWN	11'-4	2438		
4' x 8' x 27'	f1	27 - #5 @ 1'-0	7'-8	216	3923	32.0
	f2	8 - #5 @ 1'-0	26'-8	223		
	g1	29 - #6 AS SHOWN	7'-8	334		
	g2	10 - #8 @ 0'-10	26'-8	712		
	d2	50 - #10 AS SHOWN	11'-4	2438		
	f1	26 - #5 @ 1'-0	8'-8	235		
4' x 9' x 26'	f2	9 - #5 @ 1'-0	25'-8	241	4027	34.7
	g1	28 - #7 AS SHOWN	8'-8	496		
	g2	9 - #8 @ 1'-0	25'-8	617		
	d2	50 - #10 AS SHOWN	11'-4	2438		
	f1	27 - #5 @ 1'-0	8'-8	244		
	f2	9 - #5 @ 1'-0	26'-8	250		
4' x 9' x 27'	g1	27 - #8 AS SHOWN	8'-8	625	4373	36.0
	g2	9 - #9 @ 1'-0	26'-8	816		
	d2	50 - #10 AS SHOWN	11'-4	2438		
	f1	27 - #5 @ 1'-0	9'-8	272		
	f2	10 - #5 @ 1'-0	26'-8	278		
	g1	27 - #9 AS SHOWN	9'-8	887		
4' x 10' x 27'	g2	10 - #9 @ 1'-0	26'-8	907	4782	40.0



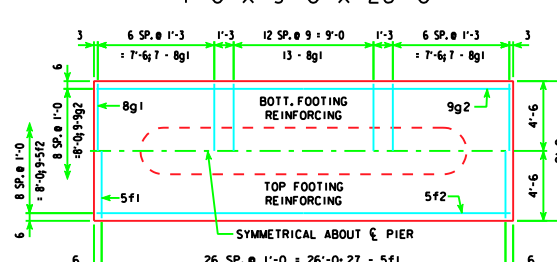
4'-0 x 8'-0 x 26'-0



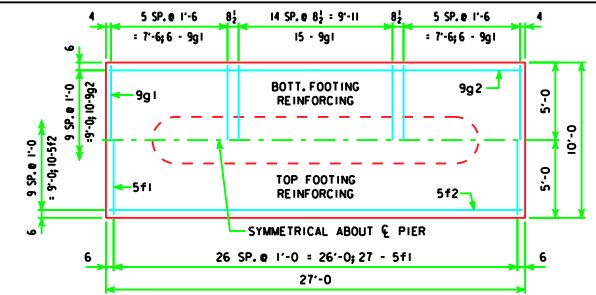
4'-0 x 8'-0 x 27'-0



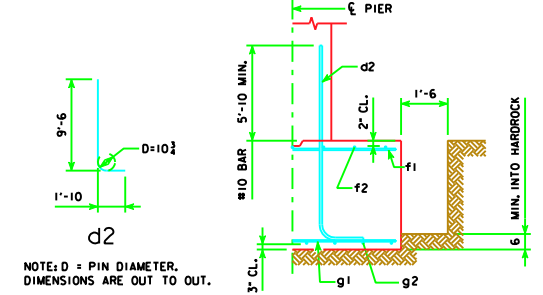
4'-0 x 9'-0 x 26'-0



4'-0 x 9'-0 x 27'-0



4'-0 x 10'-0 x 27'-0

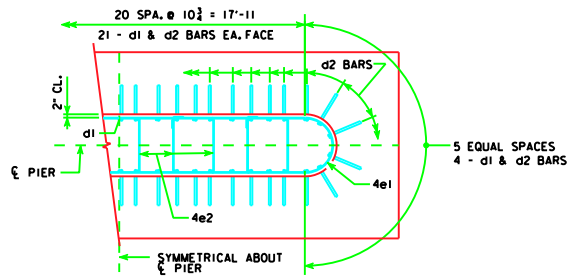


TYPICAL SECTION

FOOTING NOTES:

THESE SPREAD FOOTINGS ARE DESIGNED AND DETAILED TO BE USED WITH THE CAP AND COLUMN DETAILS OF THE TEE PIERS AS SHOWN ON SHEET H44-56-07.

THESE SPREAD FOOTINGS SHALL EXTEND AT LEAST 6 INCHES INTO SUITABLE FOUNDATION ROCK AND THE LAST 6 INCHES OF ROCK EXCAVATION SHALL BE TO NEAT LINES OF MASONRY. THE FOUNDATION ROCK SHALL HAVE AN ALLOWABLE BEARING VALUE OF AT LEAST 5 TONS PER SQUARE FOOT.



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H44-56-07.)

LATEST REVISION DATE	<i>Matthew E. McQuill</i> APPROVED BY BRIDGE ENGINEER		
		STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE	
		PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES	
		HL93 SUPERSTRUCTURE	MARCH, 2007
		TEE PIER - SPREAD FOOTINGS, H=25' TO 40' 30° SKEW	
		H44-61-07	