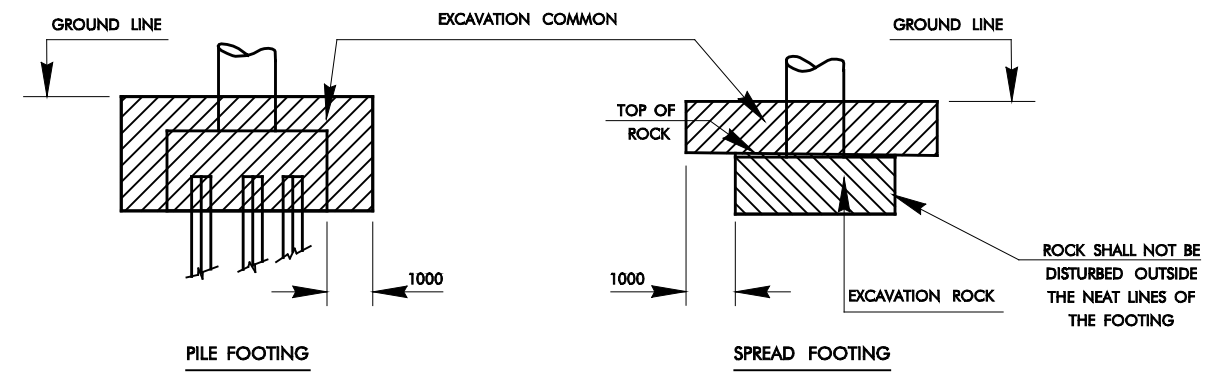


PIER SCHEDULE										
SUPERSTRUCTURE	SKEW	SPAN RANGE	PIER HEIGHT RANGE (mm)	CAP TYPE	COLUMN TYPE	PILE FOOTING TYPE	SPREAD FOOTING TYPE		DRILLED SHAFT TYPE	
							MAX. BRG. PRESSURE		MAXIMUM TOTAL LOAD PER SHAFT (kN)	TYPE
							400 kPa DIRECT 500 kPa COMBINED	800 kPa DIRECT 1000 kPa COMBINED		
8m NOMINAL ROADWAY DOUBLE TEES AND PAN GIRDERS	0°	6 m TO 10 m	BELOW 4500	CAP 1	COL 1	PF1	SF3	SF3	1110	DS1
			4500 TO 6000	CAP 1	COL 1	PF1	SF1	SF1	1130	DS1
			6000 TO 7500	CAP 1	COL 1	PF2	SF2	SF2	1150	DS1
			7500 TO 9000	CAP 1	COL 1	PF6	SF3	SF3	1170	DS1
		12 m TO 16 m	BELOW 4500	CAP 1	COL 1	PF2	SF5	SF5	1460	DS1
			4500 TO 6000	CAP 1	COL 1	PF1	SF2	SF1	1480	DS1
			6000 TO 7500	CAP 1	COL 1	PF2	SF2	SF2	1490	DS1
			7500 TO 9000	CAP 1	COL 2	PF7	SF4	SF4	1520	DS2
	30°	6 m TO 10 m	BELOW 4500	CAP 2	COL 1	PF1	SF5	SF5	1150	DS1
			4500 TO 6000	CAP 2	COL 1	PF1	SF3	SF3	1160	DS1
			6000 TO 7500	CAP 2	COL 1	PF2	SF5	SF5	1170	DS1
			7500 TO 9000	CAP 2	COL 1	PF6	SF7	SF7	1190	DS1
12 m TO 16 m		BELOW 4500	CAP 2	COL 2	PF3	SF6	SF6	1490	DS2	
		4500 TO 6000	CAP 2	COL 2	PF3	SF4	SF4	1510	DS2	
		6000 TO 7500	CAP 2	COL 2	PF3	SF6	SF6	1530	DS2	
		7500 TO 9000	CAP 2	COL 2	PF7	SF9	SF9	1550	DS2	
10m NOMINAL ROADWAY DOUBLE TEES AND PAN GIRDERS	0°	6 m TO 10 m	BELOW 4500	CAP 3	COL1	PF1	SF2	SF2	1350	DS1
			4500 TO 6000	CAP 3	COL1	PF1	SF1	SF1	1370	DS1
			6000 TO 7500	CAP 3	COL1	PF2	SF1	SF1	1390	DS1
			7500 TO 9000	CAP 3	COL1	PF6	SF2	SF2	1410	DS1
		12 m TO 16 m	BELOW 4500	CAP 3	COL1	PF4	SF3	SF3	1730	DS1
			4500 TO 6000	CAP 3	COL1	PF4	SF3	SF1	1740	DS1
			6000 TO 7500	CAP 3	COL1	PF4	SF3	SF1	1770	DS1
			7500 TO 9000	CAP 3	COL2	PF7	SF6	SF6	1790	DS2
	30°	6 m TO 10 m	BELOW 4500	CAP 4	COL1	PF1	SF3	SF3	1370	DS1
			4500 TO 6000	CAP 4	COL1	PF1	SF2	SF2	1390	DS1
			6000 TO 7500	CAP 4	COL1	PF2	SF3	SF3	1410	DS1
			7500 TO 9000	CAP 4	COL2	PF7	SF8	SF8	1420	DS2
12 m TO 16 m		BELOW 4500	CAP 4	COL2	PF5	SF4	SF4	1740	DS2	
		4500 TO 6000	CAP 4	COL2	PF5	SF4	SF4	1770	DS2	
		6000 TO 7500	CAP 4	COL2	PF5	SF4	SF4	1790	DS2	
		7500 TO 9000	CAP 4	COL2	PF7	SF9	SF9	1800	DS2	

PIER FOOTINGS:  
 CONCRETE IN THE FOOTINGS OF THE PIERS SHALL BE POURED AGAINST THE FIRM FOUNDATION MATERIAL. THE QUANTITY OF CLASS A CONCRETE AND SUBSTRUCTURE EXCAVATION ROCK, PAID FOR UNDER THESE ITEMS, SHALL BE THE AMOUNT WITHIN THE NEAT LINES OF THE FOOTINGS AS SHOWN ON THESE PLANS. ANY VARIATION IN THE ELEVATION OF PIER BASES SHALL BE TAKEN CARE OF IN THE COLUMN. ALL COST OF SUCH VARIATION SHALL BE INCLUDED IN THE CLASS A CONCRETE, REINFORCING STEEL, AND SUBSTRUCTURE EXCAVATION COMMON BID ITEMS. THE FIRM FOUNDATION MATERIAL SHALL NOT BE DISTURBED OUTSIDE THE NEAT LINES OF THE FOOTING BELOW THE TOP OF ROCK OR TOP OF FOOTING, WHICHEVER IS LOWER.



PIER EXCAVATION DIAGRAM

APPROVED BY BRIDGE ENGINEER	DATE
<b>OKLAHOMA DEPT. OF TRANSPORTATION          COUNTY BRIDGE STANDARD ( METRIC )          PIER SUMMARY SCHEDULE FOR PIERS          UNDER DOUBLE TEES</b>	
1999 SPECIFICATIONS	PIER1-1 OOM
ALL DIMENSIONS ON THIS SHEET IN MILLIMETERS UNLESS OTHERWISE NOTED.	