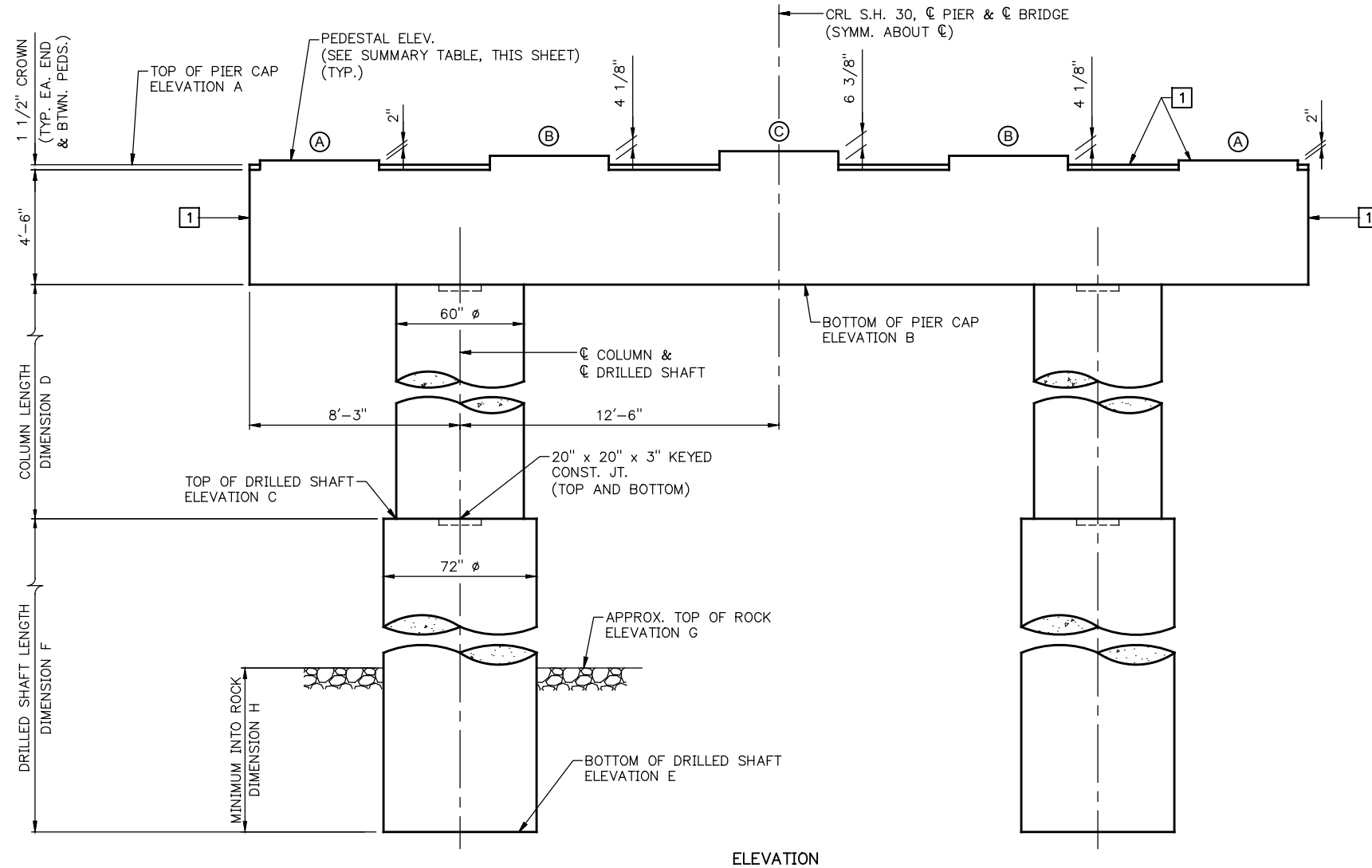


1 TREAT TOP OF PIER CAP, INCLUDING ALL SURFACES OF PEDESTALS, AND ALL VERTICAL FACES OF THE PIER CAP WITH A PENETRATING WATER REPELLENT SURFACE TREATMENT.

NOTES: ALL DIMENSIONS AND DETAILS ARE TYPICAL FOR PIERS 1 THRU 9 UNLESS NOTED OR SHOWN OTHERWISE.
FOR TYPICAL PIER CAP AND COLUMN AND DRILLED SHAFT REINFORCING DETAILS, SEE SHEET NOS. 46, 47 AND 48.
FOR PIER QUANTITIES, SEE SHEET NO. 48.

ALL EDGES OF THE PIER CAP SHALL HAVE A 1 1/2" CHAMFER, EXCEPT FOR EDGES OF PEDESTALS, WHICH SHALL HAVE 3/4" CHAMFERS.



SUMMARY OF STATIONS, DIMENSIONS AND ELEVATIONS FOR PIERS							
LOCATION	WORKING POINT STATION AT \bar{C}	PEDESTAL (A)	PEDESTAL (B)	PEDESTAL (C)	TOP OF PIER CAP	BOTTOM OF PIER CAP	TOP OF DRILLED SHAFT
		ELEV.	ELEV.	ELEV.	A	B	C
PIER 1	582+80.46	1743.21	1743.39	1743.57	1743.04	1738.42	1733.00
PIER 2	583+80.46	1742.50	1742.68	1742.86	1742.33	1737.71	1724.50
PIER 3	584+80.46	1741.79	1741.97	1742.15	1741.62	1737.00	1724.00
PIER 4	585+80.46	1741.08	1741.26	1741.44	1740.91	1736.29	1718.00
PIER 5	586+80.46	1740.37	1740.55	1740.73	1740.20	1735.58	1716.00
PIER 6	587+80.46	1739.66	1739.84	1740.02	1739.49	1734.87	1718.00
PIER 7	588+80.46	1738.95	1739.13	1739.31	1738.78	1734.16	1719.00
PIER 8	589+80.46	1738.24	1738.42	1738.60	1738.07	1733.45	1719.00
PIER 9	590+80.46	1737.53	1737.71	1737.89	1737.36	1732.74	1725.00

SUMMARY OF STATIONS, DIMENSIONS AND ELEVATIONS FOR PIERS - CONT'D					
LOCATION	COLUMN LENGTH	BOTTOM OF DRILLED SHAFT	DRILLED SHAFT LENGTH	EST. TOP OF ROCK	MIN. LENGTH INTO ROCK
	D	E	F	G	H
PIER 1	5'-5"	1704.00	29'-0"	1719.00	15'-0"
PIER 2	13'-2 1/2"	1688.50	36'-0"	1704.00	15'-6"
PIER 3	13'-0"	1679.00	45'-0"	1694.00	15'-0"
PIER 4	18'-3 1/2"	1683.00	35'-0"	1698.00	15'-0"
PIER 5	19'-7"	1686.00	30'-0"	1701.00	15'-0"
PIER 6	16'-10 1/2"	1678.00	40'-0"	1693.00	15'-0"
PIER 7	15'-1 7/8"	1651.00	68'-0"	1666.00	15'-0"
PIER 8	14'-5 3/8"	1648.00	71'-0"	1663.00	15'-0"
PIER 9	7'-8 7/8"	1640.00	85'-0"	1655.00	15'-0"

TYPICAL PIER GEOMETRY AND DETAILS

PIER DETAILS

(SHEET 1 OF 4)
BRIDGE "A" C.R.L. STA. 586+80.46