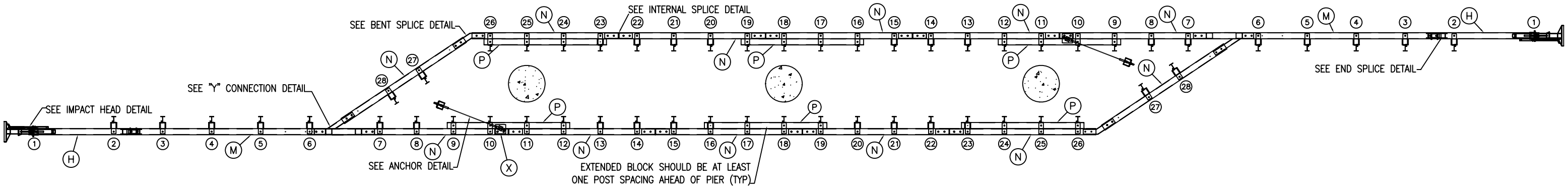
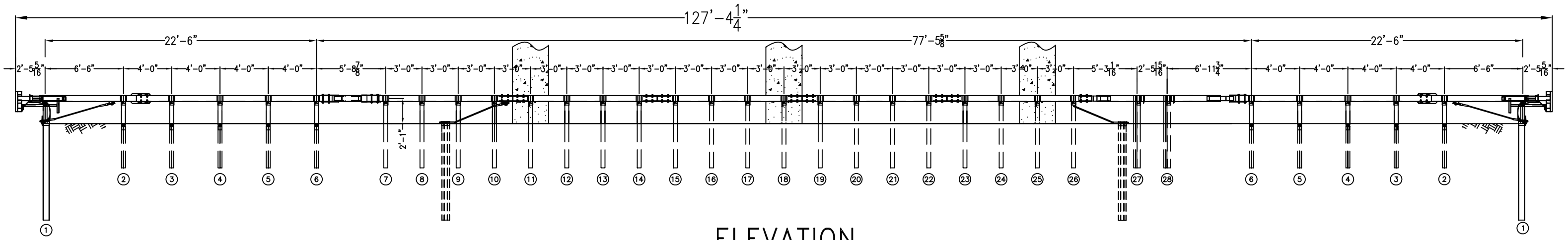
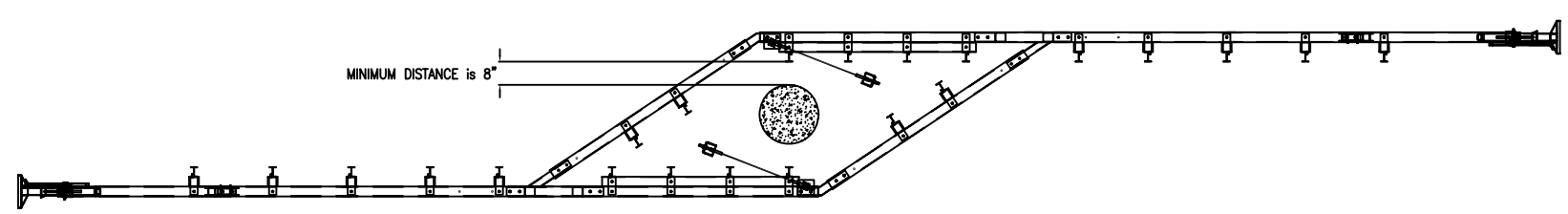
PLAN



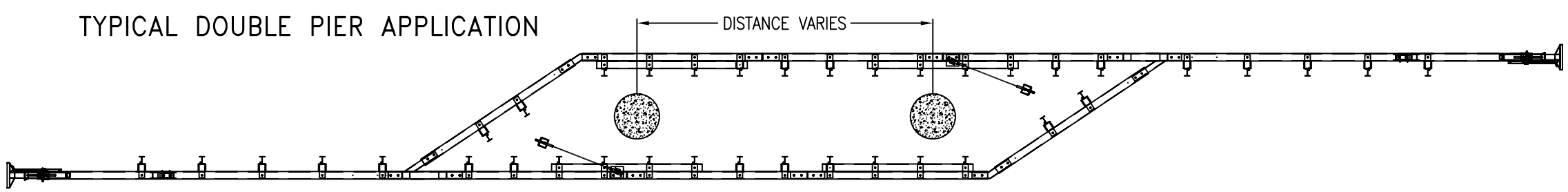


ELEVATION

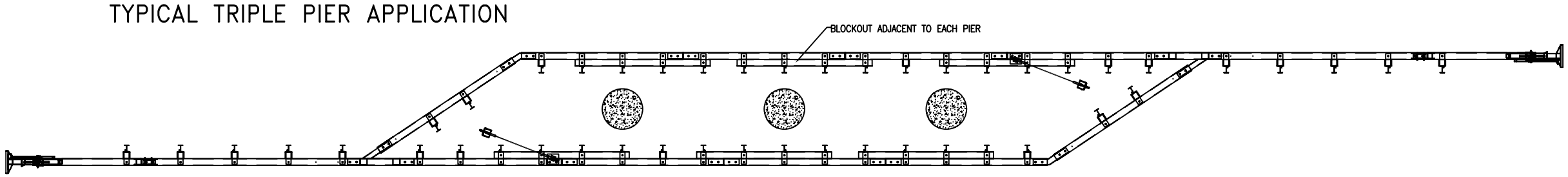
TYPICAL SINGLE PIER APPLICATION



TYPICAL DOUBLE PIER APPLICATION



TYPICAL TRIPLE PIER APPLICATION



General Notes for the BEAT-BP:

1.) Unless otherwise noted, all hardware, cable assemblies, tubing, posts, impact heads and other steel components shall be galvanized.
2.) When site conditions permit, posts may be driven. If posts are placed in a drilled hole, the backfill material must be satisfactorily compacted to prevent settlement.
3.) Contact the manufacturer for installation recommendations when rock is encountered.
4.) The lower section of post #1 should not be driven with the upper post section attached.
5.) The breakaway cable assembly must be taut. A locking device (vice grips or channel locks) should be used to prevent the cable from twisting when tightening nuts.
6.) An object marker meeting State specifications should be installed on the front of the impact head.
7.) The approach area in front of the BEAT-BP and the area within the system itself shall be free of fixed obstacles and have a fill slope or a cut slope of 10:1 or flatter.

RSI
Road Systems, Inc.
Big Spring, TX
Phone: 432-263-2435
or Phone: 330-346-0721

BEAT BRIDGE PIER PROTECTION SYSTEM

TYPICAL SYSTEM LAYOUT FOR THREE PIERS @ 21' PIER SPACING

Sheet:	Date:	Drawing Name:	Scale:	By:	Rev:
S1	05/24/06	BEAT-BP-3P	NONE	JRR	0