

This Block Wiring Diagram is a subset of IL380 Rev. 17 - 09/2007, and is provided for quotation purposes only. Refer to the manual for complete wiring and installation instructions.

### Trunk Cable

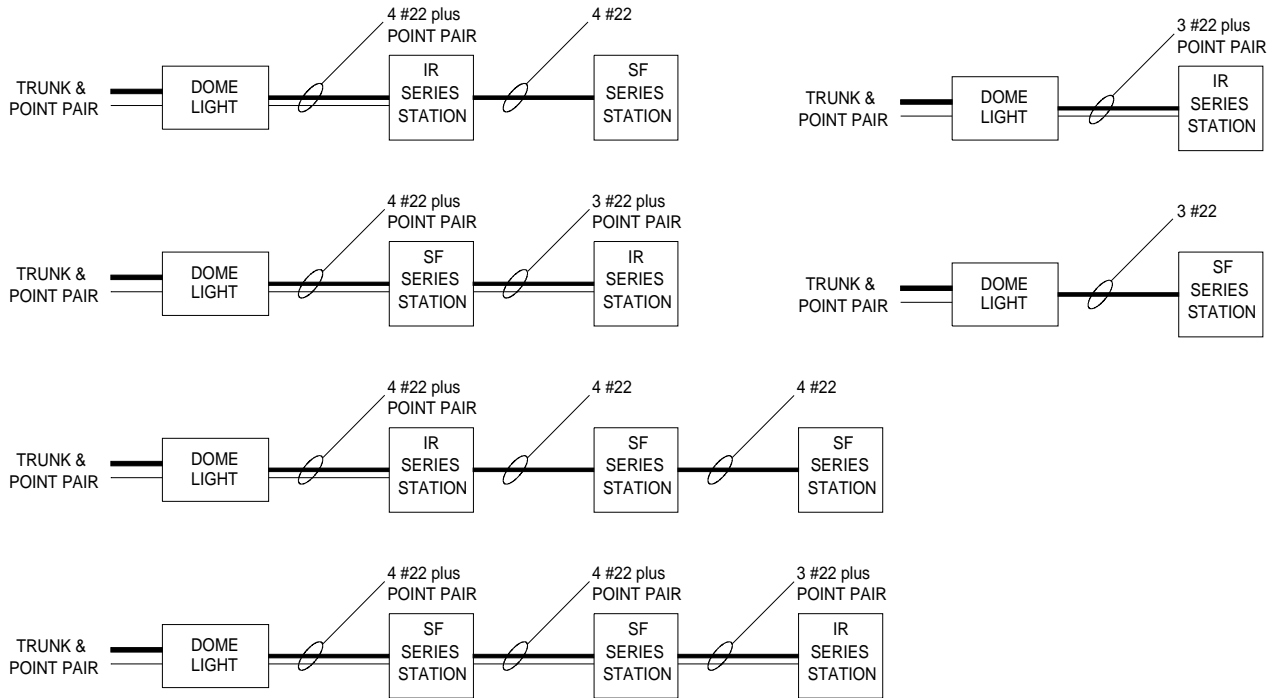
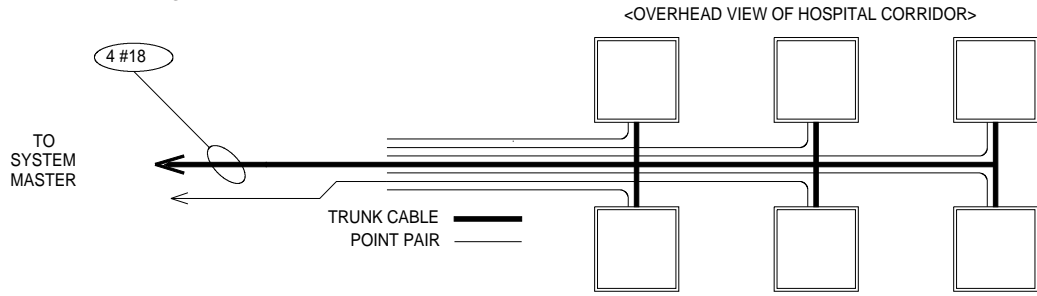
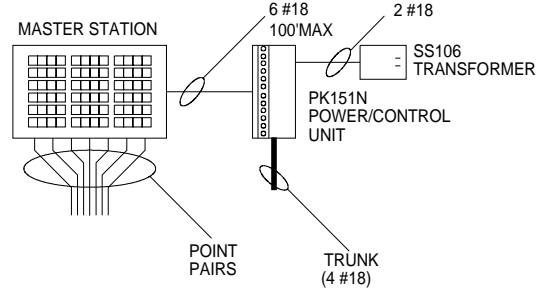
4 #18. These conductors are common to all rooms. (NOT individual home runs.)

### Point Pair

2 #22 shielded per room, home run to the master. Shield not required if run in metal conduit. Shield must be continuous (no physical gaps) to IR station.

If shielded wire is used, the shield replaces the "C" line on each station (terminated at "C" terminal); and the shield can be ground at master end *only*.

If metal conduit is used, the conduit must be continuous (no physical gaps); it must contain only intercom wiring; and it should not be ground at multiple locations.



Drawing Name & Number: IL380 NC150N NC200N Block Diagram 1 Rev0 032602 1

**NC150N/NC200N Wiring Diagram without zone lamps**

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**Trunk Cable**

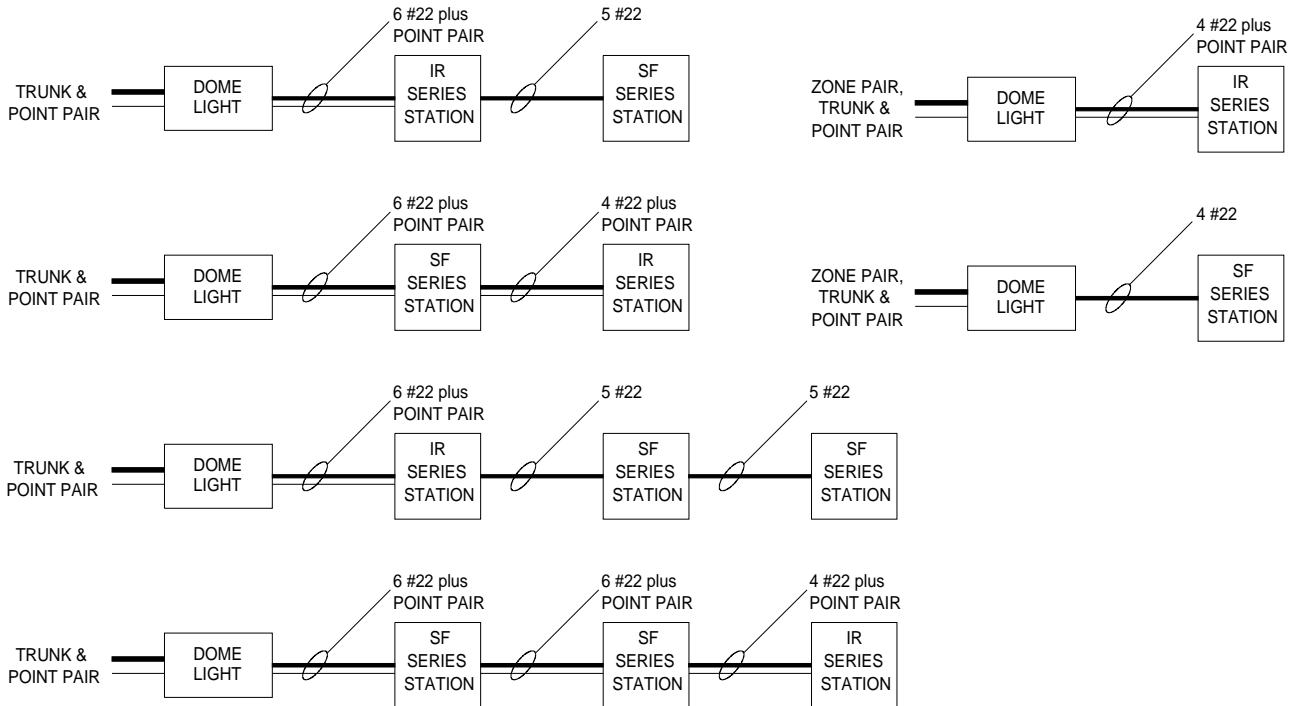
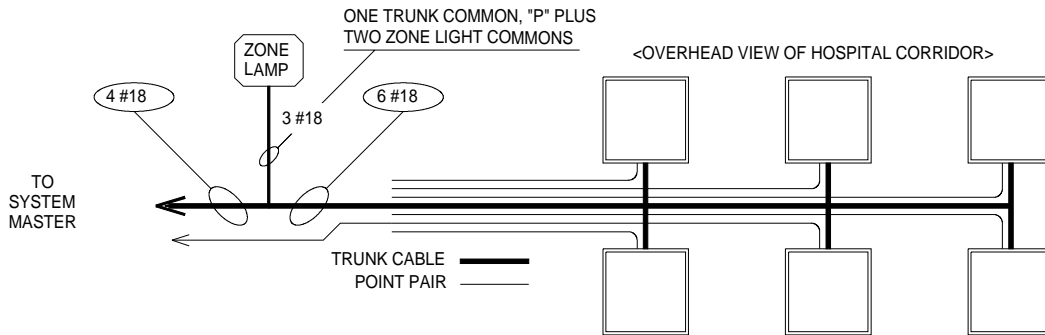
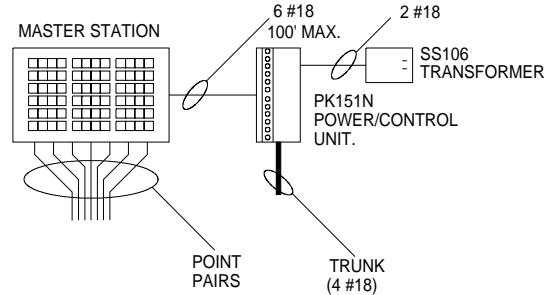
6 #18 (4 #18 + 2 #18 for zone pair). The two additional conductors extend from zone lamp through corridor. These conductors are common to all rooms. (NOT individual home runs.)

**Point Pair**

2 #22 shielded per room, home run to the master. Shield not required if run in metal conduit. Shield must be continuous (no physical gaps) to IR station.

If shielded wire is used, the shield replaces the "C" line on each station (terminated at "C" terminal); and the shield can be ground at master end only.

If metal conduit is used, the conduit must be continuous (no physical gaps); it must contain only intercom wiring; and it should not be ground at multiple locations.



Drawing Name & Number: IL380 NC150N NC200N Block Diagram 2 Rev0 032602 1

**NC150N/NC200N Wiring Diagram with zone lamps**