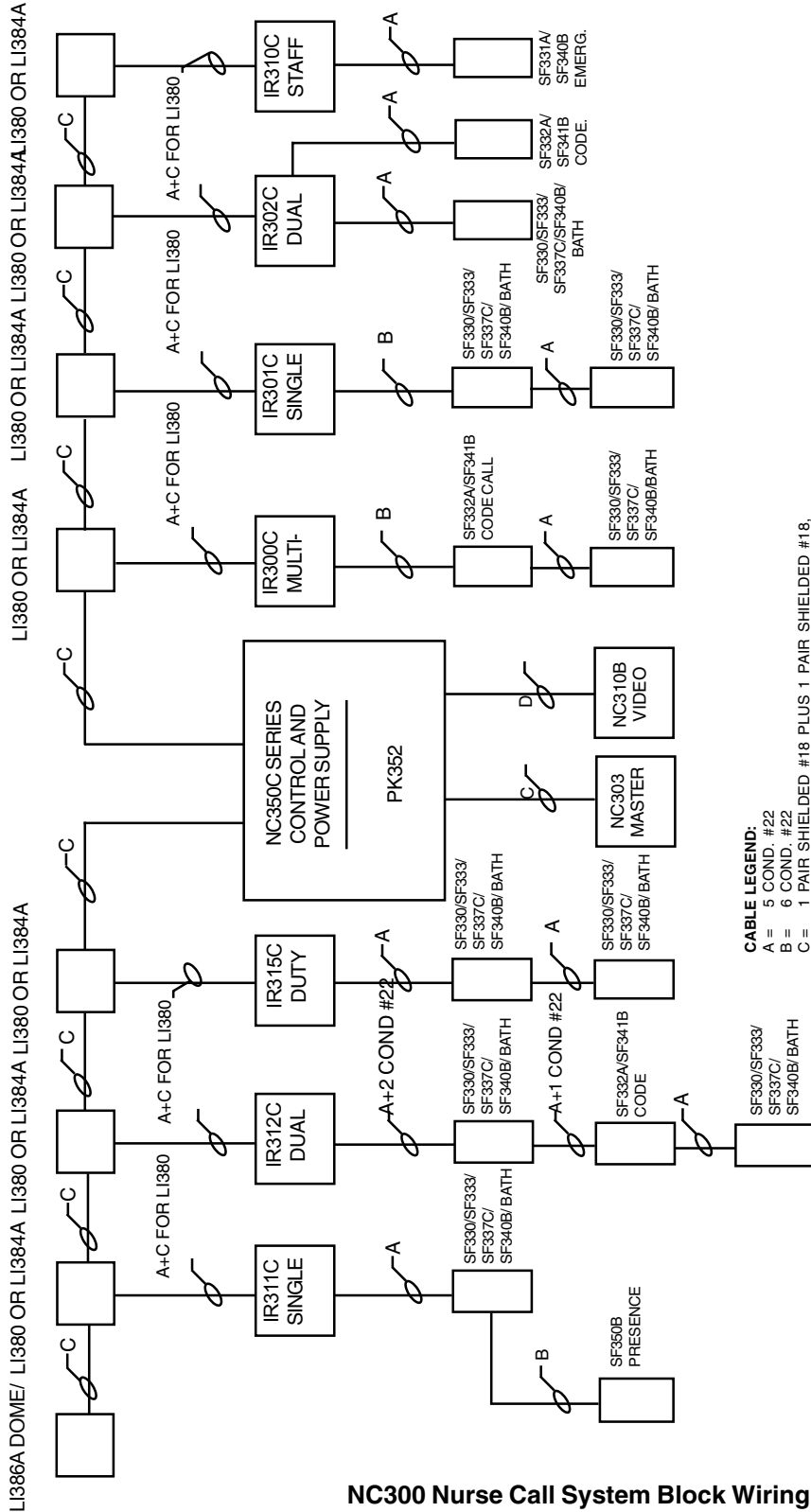


This Block Wiring Diagram is a subset of IL421 Rev. 23 - 03/2000, and is provided for quotation purposes only. Refer to the complete manual for complete wiring and installation instructions.



- NOTES:**
- DO NOT EXCEED 16 DOME LIGHTS PER RUN.
 - DO NOT EXCEED 16 STATIONS PER RUN WHEN USED WITH 4 LAMP DOME LIGHTS. UP TO 32 STATIONS MAY BE USED PER CABLE RUN IF SINGLE OR DOUBLE DOME LIGHTS ARE USED.
 - EACH MASTER MUST BE HOME RUN TO NC350C CENTRAL PROCESSING EQUIPMENT (CPE).
 - FOR RUNS OF 500 TO 1000 FT., USE #18 GAUGE WIRE.
 - FOR RUNS OF 1000 TO 1500 FT., USE #16 FT.
 - DO NOT RUN CONDUIT OR WIRE TO BOTTOM KNOCKOUTS ON IR SERIES STATION BOX. NO ACCESS IS AVAILABLE.

CABLE LEGEND:
 A = 5 COND. #22
 B = 6 COND. #22
 C = 1 PAIR SHIELDED #18, PLUS 1 PAIR SHIELDED #18, PLUS INDIVIDUALLY JACKETED, PLUS 4 COND. #18, PLUS 1 COND. #16. ALL WIRES STRANDED
 D = RG59U COPPER BRAID COAXIALCABLE

-OR-
 WM300 CABLE: Nine conductor cable assembly protected by a Gray PVC .045" thick jacket. Nominal O.D. -.590".
 Configured as follows:
 * Data Assembly consists of 1 twisted pair plus 1 conductor #18 gauge stranded wire wrapped by an overall aluminum/mylar shield and an Orange PVC .020" thick jacket. The shield has a #18 gauge drain wire. The conductors are Yellow, Orange and Green insulated by .033" thick Tapolene. The capacitance between these conductors is 12.5 pF/foot.
 * Audio Assembly consists of 1 twisted pair #18 gauge stranded wire wrapped by an overall aluminum/mylar shield and a Gray PVC .020" thick jacket. The shield has a #18 gauge drain wire. The conductors are Purple and Gray insulated by .015" thick PVC.
 * Three #18 gauge stranded wires wrapped by an overall aluminum/mylar shield. The shield has a #18 gauge drain wire. The conductors are Red, Brown and Blue insulated by .015" thick PVC.
 * One #16 gauge stranded wire. The conductor is Black insulated by .016" thick PVC.

ELECTRICAL RATINGS (MAX)
 NC350C SERIES CPE: 120 VAC, 4 AMPS
 NC310B MONITOR: 120 VAC, .5 AMPS
 NC303 MASTER: 12 VDC, 300 mA
 IR300C, IR301C, IR302C, IR310C, IR311C, IR312C, IR315C PATIENT, DUTY, STAFF STATIONS: 24 VDC, 250 mA
 SF330, SF331, SF332A, SF333, SF337C, SF340B, SF341B, SF350B BATH, CODE EMERGENCY, PRESENCE STATIONS: 12 VDC, 30 mA
 LI380/L384A DOME LIGHTS: 24 VDC, 200 mA
 LI386A DOMEZONE LIGHT: 24 VDC, 250 mA
 SF301PIR PILLLOW SPEAKER: 12 VDC, 50 mA
 PK352 BATTERY CHARGER: 24 VAC, 1.25 AMP

NC300 Nurse Call System Block Wiring Diagram