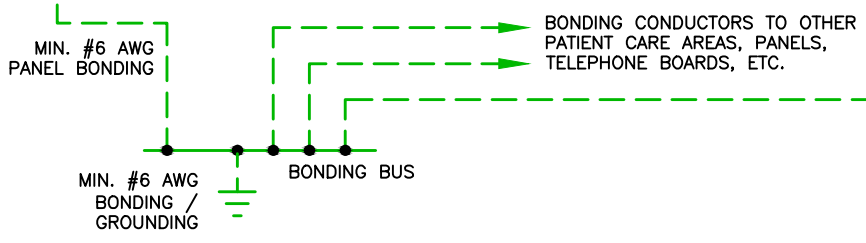


-BASIC CARE AREAS REQUIRE AT LEAST ONE DEDICATED CIRCUIT PER PATIENT CARE ENVIRONMENT PLUS ONE DEDICATED CIRCUIT FOR A MAXIMUM OF TWO BEDS
 -INTERMEDIATE CARE AREAS REQUIRE AT LEAST ONE DEDICATED CIRCUIT PER PATIENT CARE ENVIRONMENT PLUS ONE DEDICATED CIRCUIT SHARED BY A MAXIMUM OF TWO PATIENT CARE ENVIRONMENTS PLUS ONE DEDICATED CIRCUIT FOR A MAXIMUM OF TWO BEDS



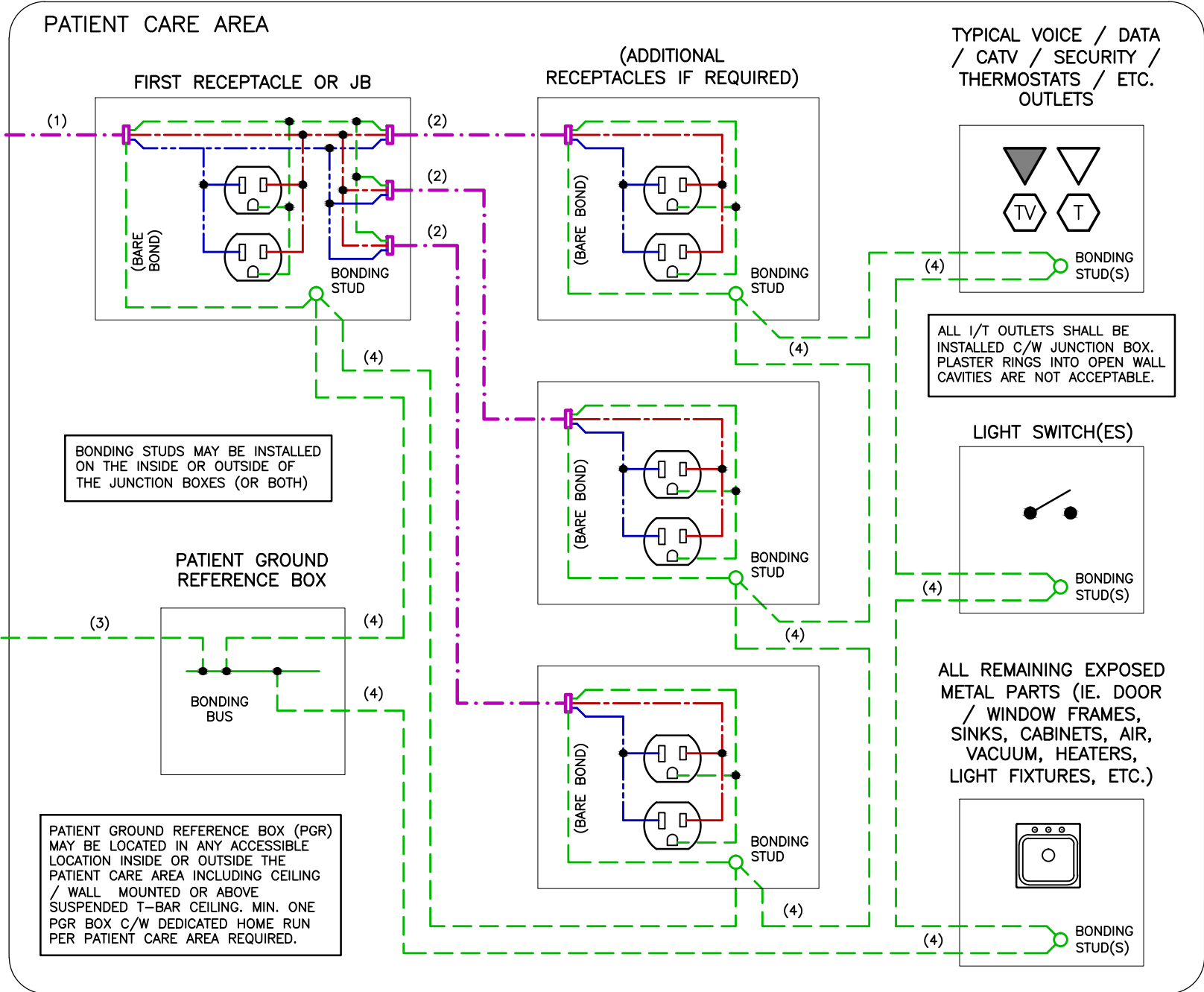
WIRING NOTES

- NOTE (1) (HOME RUN, 15A 120V FEEDER, 25m MAX. RUN)**
 INCREASE FEEDERS TO MIN. #8 & #10 GROUND FOR HOME RUNS OVER 25M OR FOR 20A CIRCUITS. CONTACT ENGINEER FOR 20A CIRCUITS OVER 25M
 -#10-2 BX C/W MIN. #12 INSULATED GROUND, OR
 -#10-2 LUMEX C/W MIN. #12 INSULATED (GREEN) GROUND, OR
 -(2) #10 SINGLE CONDUCTOR AND MIN. #12 INSULATED GROUND IN 1/2" EMT
- NOTE (2) (SHORT RUN, 15A 120V FEEDER, 7m MAX. RUN)**
 INCREASE FEEDERS TO MIN. #10 FOR RUNS BETWEEN 7-25M OR FOR 20A CIRCUITS. CONTACT ENGINEER FOR 20A CIRCUIT SHORT RUNS OVER 7M.
 -#12-2 BX C/W MIN. #12 INSULATED GROUND, OR
 -#12-2 LUMEX C/W MIN. #12 INSULATED (GREEN) GROUND, OR
 -(2) #12 SINGLE CONDUCTOR AND MIN. #12 INSULATED GROUND IN 1/2" EMT
- NOTE (3) (HOME RUN BONDING)**
 MUST BE A DEDICATED HOME RUN FOR EACH PATIENT CARE AREA (I.E. ROOM)
 -#6 INSULATED GREEN GROUND (FREE AIR), OR
 -#10 INSULATED GREEN GROUND 1/2" EMT
- NOTE (4) (PATIENT CARE AREA BONDING LOOP)**
 CONTINUOUS BONDING LOOP TO ALL JUNCTION BOXES AND EXPOSED METAL PARTS
 -#6 INSULATED GREEN GROUND (FREE AIR), OR
 -#10 INSULATED GREEN GROUND 1/2" EMT

WIRING LEGEND

- - - - - CABLE / CONDUIT ASSEMBLY
- - - - - LINE (HOT)
- - - - - NEUTRAL
- - - - - GROUND / BONDING

-BASIC CARE AREAS REQUIRE A MINIMUM OF THREE CONVENIENCE RECEPTACLES PLUS ONE RECEPTACLE PER BED.
 -INTERMEDIATE CARE AREAS REQUIRE A MINIMUM OF FOUR CONVENIENCE RECEPTACLES PLUS ONE RECEPTACLE PER BED.
 -EACH PATIENT CARE AREA REQUIRES AT LEAST ONE DUPLEX RECEPTACLE FOR HOUSEKEEPING PURPOSES. THIS RECEPTACLE SHOULD BE REASONABLY CLOSE TO, BUT NOT NECESSARILY LOCATED WITHIN, THE PATIENT CARE AREA



BONDING STUDS MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF THE JUNCTION BOXES (OR BOTH)

PATIENT GROUND REFERENCE BOX (PGR) MAY BE LOCATED IN ANY ACCESSIBLE LOCATION INSIDE OR OUTSIDE THE PATIENT CARE AREA INCLUDING CEILING / WALL MOUNTED OR ABOVE SUSPENDED T-BAR CEILING. MIN. ONE PGR BOX C/W DEDICATED HOME RUN PER PATIENT CARE AREA REQUIRED.

THIS SCHEMATIC HAS BEEN PUBLISHED AS PUBLIC SERVICE. IT IS INTENDED AS A ROUGH CONTRACTOR WIRING GUIDE AND IS NOT INTENDED TO REPLACE PROFESSIONAL ENGINEERING INVOLVEMENT. THE WIRING METHODS SHOWN HERE ARE SUGGESTED ONLY AND MAY NOT MEET ALL THE REQUIREMENTS OF THE DESIGN ENGINEER OR CSA-Z32 CODE DEPENDING ON APPLICATION. CONTRACTORS ARE ADVISED TO CONSULT WITH THE ENGINEER OF RECORD FOR FURTHER DETAILS. 908 ENGINEERING INC. TAKES NO RESPONSIBILITY FOR THE CONTENT HEREIN.

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DRAWN: COB CHECK: KAM DATE: 29 FEB 16

REV.	DATE	DESCRIPTION
2	29 FEB 16	UPDATED FOR CSA Z32 2015 VERSION
1.1	30 NOV 12	MINOR TECHNICAL UPDATES
0	08 AUG 12	ISSUED FOR PUBLIC USE

PROJECT: **CSA Z32 - 2015 EDITION FIELD WIRING SCHEMATIC**

SUGGESTED CLINIC / PHYSICIAN OFFICE WIRING

FILE NO: **N/A**
 DWG NO: **Z32**
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