

GROUND WIRE SIZING CHART

	WIRE SIZE				
E	12	10	8	6	4
١D	12	10	8	6	4
E	10	8	6	4	3
١D	10	8	6	4	3
E	8	6	4	3	2
١D	10	8	4	4	4
E	6	4	3	2	1
١D	10	6	6	4	4
E	6	4	3	2	1
١D	8	4	4	3	2
E	4	3	2	1	1/0
١D	8	6	4	4	3
E	3	2	1	1/0	2/0
١D	8	6	4	4	3
2(B)					

GENERAL NOTES

NOT USED.

- 2. PROVIDE A SEPARATE EQUIPMENT GROUNDING CONDUCTOR (SIZE PER NEC) IN PVC TYPE CONDUIT, POWER CIRCUITS, ISOLATED GROUND CIRCUITS, OR AS SHOWN ON PLANS. CONDUIT SHALL BE SIZED PER NEC BASED ON THWN 600 VOLT COPPER SINGLE CONDUCTORS, PLUS THE EQUIPMENT GROUNDING CONDUCTOR.
- WIRING DEVICES: DEVICE MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO CENTER OF OUTLET BOX UNLESS NOTED OTHERWISE ON PLANS. COORDINATE THE STANDARD MOUNTING HEIGHTS WITH MASONRY:
- A. SWITCHES +46"
- B. RECEPTACLES +20"
- C. VOICE/DATA +20"
- 4. WIRING SHALL INCLUDE FINAL CONNECTION TO ALL EQUIPMENT IN CONFORMANCE WITH EQUIPMENT SUPPLIER WIRING DIAGRAMS.
- . CONTRACTOR IS RESPONSIBLE FOR PROVIDING COMPLETE PANELBOARD IDENTIFICATION SCHEDULES. SCHEDULES SHALL IDENTIFY THE USE OF LOAD SERVED FOR EACH CIRCUIT AND THE DEVICE OR EQUIPMENT THE PANEL IS FED FROM.
- 6. BRANCH CIRCUIT CONDUCTORS SHALL BE MINIMUM #12 AWG UNLESS NOTED OTHERWISE IN SCHEDULES. WHERE 20A **BRANCH CIRCUITS HAVE #8 AND LARGER** WIRE SPECIFIED, #10 AWG WIRE SHALL BE USED FOR THE FINAL CONNECTION (15-FT MAXIMUM).
- WHERE BRANCH CIRCUITS ARE GROUPED, SIZE CONDUIT AND DERATE CURRENT CARRYING CONDUCTORS PER NEC.
- 8. PROVIDE HANDLE TIES ON ALL MULTIWIRE BRANCH CIRCUITS TO MEET NEC REQUIREMENTS.
- 12. ALL ATTACHMENTS TO STRUCTURE ARE TO BE MADE IN CONFORMANCE WITH LOCAL REQUIREMENTS. NO ATTACHMENT TO THE METAL DECOR OR CONCRETE SHALL BE ALLOWED.
- 13. PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT AND WIRING FROM DISCONNECT SWITCH OR JUNCTION BOX TO EQUIPMENT KNOCKOUT OR ELECTRICAL CONNECTION POINT.
- 14. UPON COMPLETION OF ELECTRICAL INSTALLATION AND PRIOR TO ENERGIZING CIRCUIT, INSPECT WIRE AND CABLE FOR PHYSICAL DAMAGE, PHYSICAL DAMAGE.

