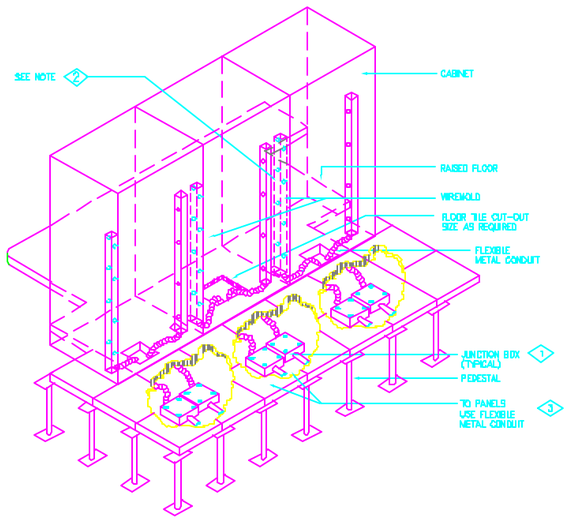


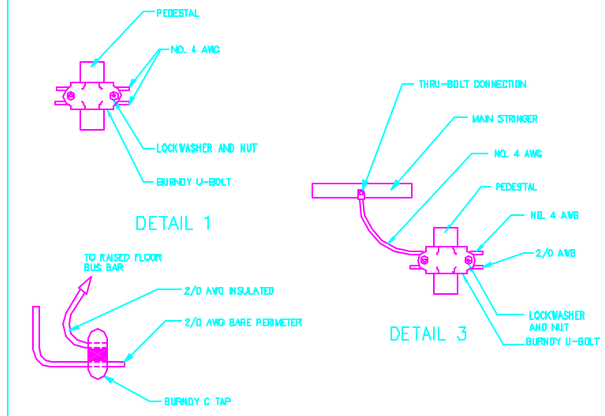
NOTES:

1. LOCATION OF JUNCTION BOX TO BE DETERMINED IN THE FIELD. LABEL ALL JUNCTION BOXES.
2. PLYMOULD TO BE #2 TYPE, STAGGERED 50 RECEPTACLES ARE 3" APART. WIREMOLD TO BE 6'-0", 10 OUTLETS.
3. CONNECTION TO BE DONE ALTERNATELY AT DESIGNATED POU. (EXAMPLE POU 1A-2 AND POU 2A-2).
4. COORDINATE WITH EQUIPMENT MANUFACTURER AND COMMTEL REPRESENTATIVE FOR RECEPTACLE AND/OR CONNECTOR REQUIRENTS. PROVIDE ALL NECESSARY ADAPTERS AS REQUIRED.
5. GROUND CABINET AS REQUIRED.

E1 CNT. ECR. COMM. AND OPEN RACK CABINET DETAILS NTS

1. PROVIDE AND INSTALL THE GROUNDING CONDUCTORS AND CONNECTIONS TO THE RAISED FLOOR IN ACCORDANCE WITH THE RAISED FLOOR GROUNDING DETAIL AS SHOWN. THE PERIMETER RING AROUND THE RAISED FLOOR SHALL BE A 2/0 AWG BARE STRANDED COPPER CONDUCTORS INSIDE THE PERIMETER SHALL BE A SUPPLEMENTARY SYSTEM OF NO. 4 AWG BARE STRANDED COPPER CONDUCTORS THAT RUN IN BOTH DIRECTIONS ALONG AND CONNECTED TO EVERY 4TH PEDESTAL AT EACH INTERFACE BETWEEN THE 2/0 PERIMETER AND NO. 4 SUPPLEMENTARY CONDUCTORS (WHERE THEY CROSS). BOTH CONNECTIONS SHALL BE CONNECTED TO A RAISED FLOOR PEDESTAL VIA A BURNDY, TYPE GP-GT, CATALOG #GPA402GT CONNECTOR. IN ADDITION AT ALL PERIMETER CONNECTOR LOCATIONS A NO. 4 AWG BARE STRANDED COPPER CONDUCTOR SHALL BE INSTALLED BETWEEN THE CONDUCTOR AND THE MAIN (CONTINUOUS) STRINGER OF THE RAISED FLOOR SYSTEM. THE ATTACHMENT TO THE MAIN STRINGER SHALL BE A BOLT VIA WITH LOCKING WASHER AND NUT, DRILLED AND INSERTED THROUGH THE SIDE OF THE STRINGER AS SHOWN IN DETAIL 4.
2. TWO CONNECTIONS SHALL BE MADE FROM DIAMETRIC OPPOSITE POINTS OF THE PERIMETER TO THE RAISED FLOOR GROUNDING BUS BAR AND THE PERIMETER 2/0 CONDUCTOR. CONNECTING CONDUCTORS SHALL BE 2/0 AWG INSULATED STRANDED COPPER AND SHALL BE CRIMP CONNECTED, BURNDY C TAP CRIMP #YC26C26 OR APPROVED EQUAL TO THE 2/0 AWG PERIMETER CONDUCTOR AND CRIMPED. TWO HOLE PAD TYPE CONNECTORS TO BE THE BUS BAR.
3. BOND ALL FLOOR MOUNTED AIR CONDITIONER FRAMES TO THE 2/0 PERIMETER CONDUCTOR VIA A NO. 4 AWG BARE STRANDED COPPER CONDUCTOR BURNDY C TAP CRIMP #YC26C26 OR APPROVED EQUAL.
4. ALL GROUNDING CONDUCTORS AND CONNECTORS SHALL BE LOCATED IN THE LOWER PLENUM COMPARTMENT OF THE RAISED FLOOR (TO THE EXTENT THAT IS POSSIBLE).
5. ALL PAINT SHALL BE COMPLETELY REMOVED AROUND PERIMETER OF PEDESTAL AND COATED WITH "NO-OX" AT THE POINT WHERE GROUND CONNECTOR AND CONDUCTORS ARE ATTACHED TO PEDESTAL.
6. INSTALL 2 FOOT LONG STRIPS OF 2 INCH WIDE COPPER STRIP EVERY 200 SQFT OF TILE FOR STATIC DISSIPATION PER FLOORING MANUFACTURER'S INSTRUCTIONS. GROUND STRAPS TO GROUND SYSTEM BENEATH RAISED FLOOR USING SOLDER CONNECTION TO NO 12 AWG.

J6 RAISED FLOOR GROUND NOTES NTS

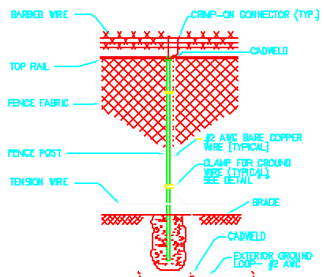


DETAIL 1

DETAIL 2

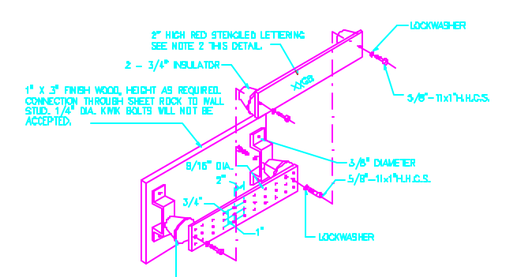
DETAIL 3

J10 NEW RAISED FLOOR GROUNDING CONNECTION NTS



NOTE: INSTALL #2 AWG BARE SOLID TINNED COPPER WIRE TO GROUND LOOP APPROX. 2'-0" BELOW GRADE FOR CONNECTION TO FENCE POST ABOVE FIN. GRADE.

E6 FENCE GROUNDING NTS



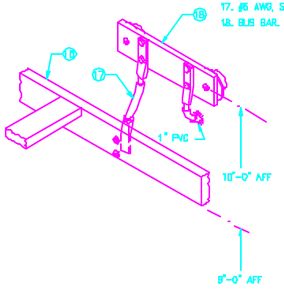
DETAIL NOTE:

1. BUS BARS OVER 20" IN LENGTH REQUIRE AT LEAST TWO ADDITIONAL 2 - 3/4" INSULATOR (SUPPORT OR AS SPECIFIED). BUS BARS 5" WIDE OR MORE REQUIRE INSULATORS AT ALL FOUR CORNERS OR AS DETAILED.

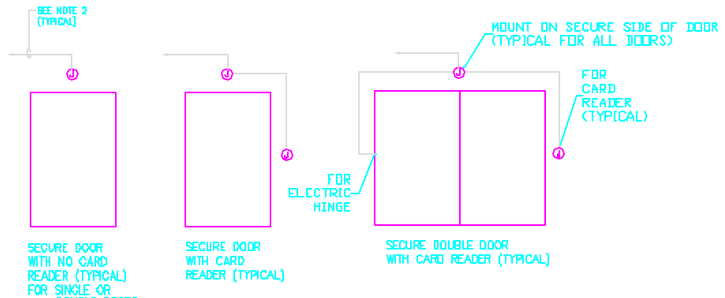
E10 TYPICAL BUS DAR DETAIL NTS

NOTES BY SYMBOL "◇"

12. BELDEN BRAID #8681.
13. TERMINAL LUG, #10-12 SCREW, SOLDER TYPE.
14. SHEET METAL CREW.
15. WASHER, 1/4" INTERNAL TOOTH.
16. CABLE LADDER.
17. #6 AWG, STRANDED, SOFT DRAWN, COPPER WIRE.
18. BUS BAR.

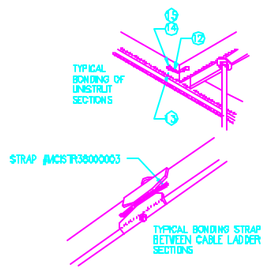


A1 LADDER TO BUS BAR GROUNDING DETAIL NTS



1. SECURITY SYSTEM COMPONENTS AND WIRING BY OWNER.
2. ALL HOMERUNS TO CEILING IN CONTROL ROOM.
3. ALL CONDUIT SHALL BE 3/4" EMT WITH PULL STRING.

A4 DOOR SECURITY BLOCK DIAGRAM NTS



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A10 TYPICAL BONDING DETAIL NTS

KEYED NOTES

GENERAL NOTES

1. FOR SYMBOLS AND GENERAL NOTES, SEE DWG E001

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no.	revisions/submissions	date
0	FOR CONSTRUCTION	7/13/01

0 1" 2" 3"

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	checked by SA	drawing no. E603
	date 7/13/01	
	scale AS NOTED	___of___