

[illegible]

SYMBOL	DESCRIPTION
DE1	ACUITY #DE1 NPP16 D ER
DP1	ACUITY #DP1 NPP16 D
GX1	ACUITY #GX1 NPOD GFX
PC1	ACUITY #PC1 NCM ADCX

3. THIS RISER REPRESENTS A TYPICAL SYSTEM AND IS NOT INTENDED FOR INSTALLATION. THE SYSTEM SUPPLIER SHALL PROVIDE INSTALLATION DRAWINGS AND WIRING DIAGRAMS. EXACT SYSTEMS AND REQUIREMENTS SHALL BE COORDINATED WITH THE SYSTEM SUPPLIER. SUBMITTAL SHALL INCLUDE:
  - A) SEPARATION ZONES FOR EACH SPACE.
2. SYSTEM SUPPLIER SHALL SUPERVISE INSTALLATION, PROGRAM AND TEST SYSTEMS, AND INSTRUCT OWNER ON SYSTEM OPERATION. ALL PROGRAMMING SHALL BE APPROVED AND COORDINATED WITH THE OWNER.
3. PROVIDE MULTIPLE COMMISSIONS BY THE MANUFACTURER AS VARIOUS PHASES OF THE PROJECT ARE COMPLETE.
4. PROVIDE ALL HARDWARE, SOFTWARE, WIRING, ETC. AS REQUIRED FOR A COMPLETE, OPERATIONAL SYSTEM.
5. VERIFY EXACT LOCATION OF SWITCHES PRIOR TO INSTALLATION.



- 5 SIZE GROUNDING ELECTRODE CONDUCTORS PER TABLE 250.66 OF THE NEC. THE CONDUCTOR SHALL BE CONNECTED TO AN APPROVED GROUNDING ELECTRODE.
- 6 GROUND CONDUCTORS TO OTHER POINTS AND EQUIPMENT, AS REQUIRED BY ARTICLE 250 OF THE NEC, ELECTRICAL SERVICE, AND POWER DISTRIBUTION SPECIFICATIONS.
- 7 SERVICE ENTRANCE GROUNDING (NEUTRAL) CONDUCTOR (WITH PHASE CONDUCTORS).
- 8 MAIN BONDING JUMPER SHALL BE SIZED PER TABLE 250.66 OF THE NEC.
- 9 EQUIPMENT GROUND CONDUCTOR SHALL BE SIZED PER TABLE 250.66 OF THE NEC.
- 10 GROUNDING (NEUTRAL) CONDUCTOR SHALL BE SIZED PER TABLE 250.66 OF THE NEC.
- 11 BONDING CONDUCTOR SHALL BE SIZED PER TABLE 250.66 OF THE NEC.
- 12 GROUNDING CONDUCTOR TO TELECOMMUNICATIONS MAINS GROUNDING BUSBAR - SIZE PER DIVISION 17 CONTRACT REQUIREMENTS, 450 MINIMUM.
- 13 GROUNDING ROD SHALL BE PROVIDED #4 AWG COPPER GROUNDING ELECTRODE CONDUCTOR, PER NEC 250.66(A).
- 14 CONNECTION SHALL BE MADE WITHIN 5' OF BUILDING ENTRANCE PER NEC 250.52(A)(1).
- 15 #1 METAL WATER PIPING AND STRUCTURAL STEEL NOT IDENTIFICATIONALLY MARKED SHALL BE BONDED PER NEC 250.104 AND NEC TABLE 250.102.
- 16 OTHER METAL PIPING (GAS, ETC.) SHALL BE BONDED PER NEC 250.104 AND NEC TABLE 250.102.
- 17 GROUNDING CONDUCTOR SHALL BE PROVIDED FOR SEPARATELY DERIVED SYSTEM. SIZE PER NEC TABLE 250.102.
- 18 #4 BARE COPPER GROUND CONDUCTOR.
- 19 CONCRETE ENCASED ELECTRODE AS DESIGNATED IN THE 250.52(A)(3) SHALL BE CONSIDERED A GROUNDING ELECTRODE.
- 20 GROUNDING ELECTRODE SHALL BE USED TO GROUND THE GROUNDING ELECTRODES TO CREATE A GROUNDING ELECTRODE SYSTEM.

