

TECHNOLOGY ABBREVIATIONS

Table listing technology abbreviations with columns for the abbreviation, the full name, and the corresponding N/A or standard reference (e.g., NEC, NFPA).

Section titled 'CODES LISTED BELOW APPLY TO ALL DRAWINGS AND SPECIFICATIONS ON THIS PROJECT' containing a list of applicable codes such as 2018 Connecticut State Building Code, NFPA 13, NFPA 20, etc.

TECHNOLOGY GENERAL NOTES

- GENERAL
1. THE PROJECT DRAWINGS AND SPECIFICATIONS ARE BASED ON THE CONSTRUCTION SPECIFICATIONS INSTITUTE (CSI) DOCUMENTATION FORMAT...
2. THE INTENT OF THESE DOCUMENTS IS FOR THE MEP TRADES TO FURNISH AND INSTALL COMPLETE MECHANICAL AND ELECTRICAL SYSTEMS...
3. UTILIZING THE DESIGN INTENT MODEL...
4. CREATION OF THE CONSTRUCTION COORDINATION MODEL...
5. DIFFERENCES BETWEEN THE DESIGN INTENT MODEL AND THE CONSTRUCTION COORDINATION MODEL...
6. THE TRADES SHALL OBTAIN AND REVIEW ALL CONTRACT DOCUMENTS BEFORE SUBMITTING A BID...
7. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT...
8. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF VARIOUS EQUIPMENT...
9. PERFORM ALL WORK IN COMPLIANCE WITH THE SPECIFICATIONS, APPLICABLE CODES, ORDINANCES AND THE REGULATORY AGENCIES HAVING JURISDICTION...
10. INSTALL ALL EQUIPMENT IN ACCESSIBLE LOCATIONS...
11. COORDINATE PIPING AND CONDUITS ENTERING OR LEAVING THE BUILDING WITH THE SITE CONTRACTOR(S) BEFORE INSTALLATION...
12. WHERE A CONFLICT OCCURS BETWEEN THE DOCUMENTS, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT...
13. BEFORE INSTALLATION, COORDINATE THE WORK WITH OWNER-FURNISHED EQUIPMENT, INCLUDING REQUIRED SERVICE CONNECTIONS...
14. PROVIDE THE REQUIRED PROTECTED SLEEVES AND SEALS FOR PIPES OR CONDUIT PENETRATING INTERIOR AND EXTERIOR WALLS OR FLOOR SLABS...
15. INSTALL FLOOR-MOUNTED EQUIPMENT ON A CONCRETE HOUSEKEEPING PAD...
16. SEISMICALLY SUPPORT THE EQUIPMENT AS REQUIRED BY CODE...
17. PROVIDE MEP COORDINATION DRAWINGS AS REQUIRED BY THE SPECIFICATIONS...
18. ENCLOSED CONTROLLERS SHALL BE PROVIDED BY THE CONTRACTOR PROVIDING THE EQUIPMENT...
19. PROVIDE PIPING, DUCTWORK, CONDUIT AND ALL OTHER ACCESSORIES AS REQUIRED FOR PROPER AND PROFESSIONAL SYSTEMS INSTALLATION...
20. TEST AND BALANCE ALL MECHANICAL AND ELECTRICAL SYSTEMS...
21. DO NOT INSTALL PIPING OR DUCTWORK OVER ELECTRICAL PANELS...
22. DO NOT INSTALL ANY SYSTEMS IN OR THROUGH ELEVATOR MACHINE ROOMS...
23. PROVIDE PIPE EXPANSION COMPENSATION FOR THE VARIOUS PIPING SYSTEMS...
24. EQUIPMENT NOT ASSOCIATED WITH OR SERVING THE RESPECTIVE STAIR...
25. PROVIDE ADDITIONAL TRANSITIONS AND OFFSETS IN ALL PIPING, DUCTWORK OR CONDUIT FOR COORDINATION WITH BUILDING STRUCTURE AND CONSTRUCTION...
26. NO MECHANICAL OR ELECTRICAL SYSTEM COMPONENTS MAY BE SUPPORTED FROM STRUCTURAL BRACED FRAMES.

RENOVATION

- 1. THIS PROJECT INVOLVES THE RENOVATION OF AN EXISTING FACILITY...
2. CONTRACTORS SHALL BE HELD RESPONSIBLE FOR ASSUMPTIONS, OMISSIONS OR ERRORS MADE AS A RESULT OF FAILURE TO BECOME FULLY FAMILIAR WITH THE EXISTING CONDITIONS...
3. IT IS NOT THE INTENT OF THESE DOCUMENTS TO SHOW EVERY DEVICE, APPURTENANCE, PIPE, WIRE OR CONDUIT TO BE REMOVED...
4. EQUIPMENT, PIPING, OR CONDUIT SHALL NOT BE ABANDONED IN PLACE UNLESS SPECIFICALLY SO NOTED...
5. RELOCATE EXISTING EQUIPMENT, DEVICES, PIPING, WIRING, AND RELATED SYSTEMS AS REQUIRED FOR CONSTRUCTION PURPOSES...
6. PROVIDE TEMPORARY CONNECTIONS AND SYSTEM MODIFICATIONS AS REQUIRED FOR CONSTRUCTION AND PHASING PURPOSES...
7. INCLUDE ALL WORK REQUIRED TO ALLOW PHASED CONSTRUCTION WHEN NECESSARY...
8. REBALANCE NEW AND EXISTING MECHANICAL AND ELECTRICAL SYSTEMS ASSOCIATED WITH THE RENOVATION...
9. SYSTEMS REQUIRING TO REMAIN IN OPERATION DURING DEMOLITION SHALL BE CAREFULLY PROTECTED FROM DAMAGE AND CONTAMINATION BY THE CONSTRUCTION PROCESS.

TECHNOLOGY

- 1. COORDINATE WITH CONSTRUCTION MANAGER, OTHER TRADES AND THE OWNER DURING ALL PHASES...
2. BEFORE CONSTRUCTION CAN BEGIN IN ANY TELECOMMUNICATIONS ROOM (TR) OR TELECOMMUNICATIONS EQUIPMENT ROOM (ER) THE CONTRACTOR SHALL COORDINATE LOCATION AND CLEARANCES OF ALL EQUIPMENT WITH THE TECHNOLOGY OWNER...
3. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF EQUIPMENT...
4. CONTACT ARCHITECT FOR ANY CLARIFICATION...
5. PROVIDE SEPARATION BETWEEN RACEWAY, CABLES AND OTHER SOURCES (EM) PER ANSII/A-569-B...
6. ELBOW RADIUS FOR RACEWAYS SMALLER THAN 2" TO BE (6) SIX TIMES THE RACEWAY DIAMETER...
7. ALL EMPTY RACEWAYS SHALL BE PROVIDED WITH A (PLENUM RATED, IF PLENUM CEILING SPACE) NYLON FULL CORD...
8. COORDINATE PROPER METHODS FOR PENETRATIONS WITH FIRES TOPPING AS REQUIRED THROUGH FIRE/SMOKE RATED CONSTRUCTION PER DIVISION 07 SPECIFICATIONS...
9. NO PENETRATIONS ARE PERMITTED INTO ANY STAIRWELLS EXCEPT FOR SYSTEMS SERVING THAT STAIRWELL...
10. CONDUITS AND CABLEING FOR SERVICE ENTRANCE SHALL BE PROVIDED PER SITE UTILITY DRAWINGS...
11. LADDER RACKS, CONDUITS, D-RINGS, ETC. FOR CABLE SUPPORT IN ANY TELECOMMUNICATIONS ROOM (TR) OR TELECOMMUNICATIONS EQUIPMENT ROOM (ER) SHALL BE PROVIDED PER PLANS AND DIVISION 26 SPECIFICATIONS...
12. CABLE TRAYS, CONDUITS, SLEEVES AND J-HOOKS FOR FIBER BACKBONE CABLEING AND OTHER BACKBONE CABLEING SHALL BE PROVIDED PER DIVISION 26 SPECIFICATIONS...
13. CABLE TRAY, SURFACE MOUNTED RACEWAYS, CONDUITS, SLEEVES AND J-HOOKS FOR HORIZONTAL CABLEING FROM COMMUNICATIONS EQUIPMENT ROOM TO THE TELECOMMUNICATIONS OUTLETS/CONNECTORS SHALL BE PROVIDED PER DIVISION 26 SPECIFICATIONS...
14. COORDINATE THE INSTALLATION OF ALL CABLE TRAYS, SURFACE MOUNTED RACEWAYS, CONDUITS, SLEEVES AND J-HOOKS PER DIVISION 26 SPECIFICATIONS...
15. COORDINATE OUTLET INSTALLATIONS, WALL RECESSED OR SURFACE, CEILING, FLOOR, SLEEVE OR INFLOOR SYSTEM, UTILITY COLUMN, PER TECHNOLOGY/ELECTRICAL WORK DRAWINGS AND DIVISION 26 SPECIFICATIONS...
16. COORDINATE WITH CONSTRUCTION MANAGER, OWNER AND DIVISION 26 FOR TELEPHONE LINE CONNECTION TERMINATION FROM THE TELECOMMUNICATIONS EQUIPMENT ROOM (ER) TO THE FIRE ALARM CONTROL PANEL...
17. COORDINATE WITH CONSTRUCTION MANAGER, OWNER AND LOCAL SERVICE PROVIDER FOR PUBLIC PAY TELEPHONE SITE SURVEY AND INSTALLATION...
18. COORDINATE EXACT LOCATION(S) FOR MECHANICAL EQUIPMENT ETHERNET CONNECTION TERMINATION(S) WITH DIVISION 23...
19. COORDINATE ELEVATOR CAB TELEPHONE LINE CONNECTION TERMINATION, CONNECTION BETWEEN ELEVATOR MACHINE ROOM AND ELEVATOR CAB BY ELEVATOR CONTRACTOR...
20. PROVIDE OSP WET LOCATIONS RATED CABLE FOR CONDUIT RUNS IN SLAB. REFER TO FLOOR PLANS AND RISER DIAGRAMS FOR FURTHER INFORMATION.

Table of symbols categorized into GENERAL SYMBOLS, COMMUNICATIONS SYMBOLS, RISER DIAGRAM SYMBOLS, SECURITY SYMBOLS, and AUDIOVISUAL SYMBOLS. Each symbol is accompanied by a brief description of its meaning.

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