

VA SYMBOL LIST
SYMBOLS: DESCRIPTION:

Table with 2 columns: SYMBOLS and DESCRIPTION. Includes categories like CARD ACCESS READER, MOTION DETECTOR, SECURITY ACCESS, DOOR ACCESS CONTROL, AUDIO DEVICE, ELECTRONIC LOCK, and KEYPAD DEVICE.

TECHNOLOGY ABBREVIATIONS

Table with 2 columns: ABBREVIATION and FULL NAME. Includes terms like ARCHITECT/ENGINEER, ACCESSIBLE, ADDL, ADJ, AFC, AFF, AFG, AHJ, ALT, AMB OR A, ARCH, AUTO, AV, BAT, CAB, BD, BFF, BILL, BLDG, BRKR, BYP, C, CAB, CALC, CAP, CAT, CATV, CCR, CCTV, CD, CF, CF/CI, CF/OI, CFE, CKT, CLG, CMU, COAX, COMM, COMPT, CONC, CONT, CONTR, COORD, CPT, CRI, CTV, CU, CU FT, CUR, DB, DC, DEG C, DEG F, DEMO, DIAG, DISC, DISTR, DISTR PNL, DN, DPDT, DPST, DRSW, DWG, EC, EG, EL, ELEC, ELEV, EMCP, EMER, EMI, EMT, ENCL, EPO, EPRF, ESMT, EWC, EWH, EXIST, FC, FIXT, FLEX, FOUTT, FT, G OR GND, GEN, GTB, HT, HZ, IMC, IR, J-BOX, LED, LF, LP, LT, LTG, LTNG, LV, MATV, MAX, MC, MECH, MH, MIN, MT, MTD, MTG, NA, NEC, NEMA, NEUT OR NNEUTRAL, NFPA, NIC, NO, NS, NTS, OC, OD, P, PA, PB, PBP, PED, PEND, PNL, PVC, PWR, RCP, REC, RECPT, RGS, RM, REQD, SATV, SF, SHT, SI, SPEC, SPST, SURF, SW, TC, TEL, TP, TPS, TTB, TV, TYP, UFD, UGND, UL, UON, UPS, UTIL, W, WP, XFER, XFMR.

GENERAL TELECOMMUNICATIONS NOTES:

- 1. "1/TN301" INDICATES DETAIL NUMBER / SHEET NUMBER.
2. "(SEC/1)" INDICATES MATERIAL LIST ITEM IN HEX SYMBOL.
3. "C" INDICATES KEYED NOTE USED TO DESCRIBE ADDITIONAL INFORMATION OF WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL IT IS SHOWN WITH.
4. ABBREVIATION KEY: T.C. TELECOMMUNICATIONS CONTRACTOR, E.C. ELECTRICAL CONTRACTOR, M.C. MECHANICAL CONTRACTOR, AFF ABOVE FINISH FLOOR, C CONDUIT, TYP TYPICAL, +# MOUNTING HEIGHT FROM FINISHED FLOOR TO CENTERLINE, OI&T OFFICE OF INFORMATION AND TECHNOLOGY, FMS FACILITIES MANAGEMENT SERVICE.
5. MOUNTING SUBSCRIPT KEY: 1. TELECOMMUNICATION OUTLETS A MOUNT ABOVE COUNTER (+6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH), 2. A SLASH IS USED BETWEEN TWO SUBSCRIPTS ie: A/H, 3. REFER TO MATERIAL LIST AND SPECIFICATIONS FOR FULL DESCRIPTIONS AND MANUFACTURERS OF ALL DEVICES.
6. LINE TYPE KEY: NEW WORK BY THIS CONTRACTOR (DARK SOLID LINE), NEW WORK UNDERFLOOR OR UNDERGROUND BY THIS CONTRACTOR (DARK LONG DASHED LINE), NEW WORK BY OTHERS AND/OR EXISTING TO REMAIN (LIGHT SOLID LINE), EXISTING TO BE REMOVED BY THIS CONTRACTOR (DARK SHORT DASHED LINE).

TELECOMMUNICATIONS INSTALLATION NOTES:

- 1. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE U.F.A.S. (UNIFORM FEDERAL ACCESSIBILITY STANDARDS) AND N.E.C. (NATIONAL ELECTRICAL CODE).
2. CONCEAL ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CEILING, AND IN FLOOR SLAB, ETC. UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS, AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON BUILDING STRUCTURE.
3. BOXES LOCATED ON OPPOSITE SIDES OF NON-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY. BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE OFFSET A MINIMUM OF 24" HORIZONTALLY. "THRU-THE-WALL" BOXES SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
4. FLUSH MOUNT ALL TELECOMMUNICATION OUTLETS AT +18" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED.
5. CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL TELECOMMUNICATIONS INSTALLATION THIS CONTRACTOR SHALL ADJUST OUTLETS OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
6. TELECOMMUNICATIONS EQUIPMENT SHALL BE MOUNTED TO ALLOW ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF TELECOMMUNICATION DEVICES ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
8. ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS, REFER TO 27 05 03 AND 28 05 03.
9. CONTRACTOR SHALL REMOVE AND REINSTALL ALL CEILING TILES AS REQUIRED FOR THE EXECUTION OF TELECOMMUNICATIONS WORK THAT IS OUTSIDE THE CONTRACT LIMITS OF CONSTRUCTION. CONTRACTOR SHALL REPLACE CEILING TILES WITH IDENTICAL MATERIAL WHERE DAMAGED BY THIS CONTRACTOR.
10. ALL UNDERGROUND CONDUIT SHALL BE ROUTED AROUND BIO-RETENTION AREAS AND AREAS DESIGNATED FOR TREES.
11. IN TELECOM ROOMS, ALL BACKBOARDS SHALL BE 3/4" PLYWOOD AND SHALL BE FIRE RETARDANT TREATED.
12. ALL WALLS IN TELECOM ROOMS SHALL BE 2-HOUR FIRE RATED.
13. ALL TELECOM INSTALLATIONS [HEAD ENDS], MUST MEET THE OSHA STANDARD FOR EQUIPMENT SPACING OF 3 FEET TOTAL RADIUS PER EACH HEAD END INSTALLED.
14. JACKET FOR ALL SECURITY NETWORK CABLES SHALL BE BLACK.
15. CONTRACTOR SHALL INSTALL HATCHES WHERE REQUIRED, FOR CABLE INSTALLATION IN HARD CEILINGS.
16. CONTRACTOR SHALL COMPLY WITH OWNER DOCUMENT IRM-70 FOR TELECOMMUNICATIONS STANDARDS AND SHALL FURNISH AND INSTALL PATCH PANELS WHERE REQUIRED FOR CONNECTION OF DEVICES TO OWNER VOICE AND DATA NETWORK.

three inches = one foot, one and one half inches = one foot, one inch = one foot, three quarters inch = one foot, one half inch = one foot, three eighths inch = one foot, one eighth inch = one foot

A, B, C, D, E, F

Table with 3 columns: No., Description, Date. Includes a Revisions section.

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Approval table with columns for APPROVED, President AF.GE. 2250, Energy Engineer, Medical Center Director, Safety Manager, Associate Director, Infection Control Nurse, Chief of Staff, Industrial Hygienist, Chief of Engineering Service.

Project information table including Drawing Title (COVERSHEET), Scale (AS SHOWN), Building Number (SITE), Project Title (REPLACE SURVEILLANCE SYSTEM), Date (08.23.13), Project No. (623.12.105), Drawing No. (00 TY000), Location (Jack C. Montgomery VA Medical Center - Muskogee, OK).



ISSUED FOR CONSTRUCTION