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Architect Notes

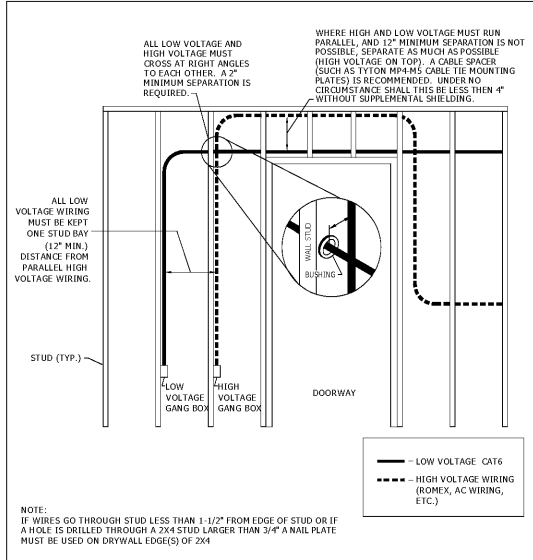
- 1.0 Pathways
- 1.1 Coring
- All coring through concrete, block, stone, or other impervious materials is the responsibility of the General Contractor.
- 1.2 Interior Pathways
- All interior building pathways are the responsibility of the general contractor.
- 1.3 Fire stopping
- All fire stopping designs shall be the responsibility of the site architect. All fire stopping as required by code and installation of the fire stopping designs of the site architect shall be the responsibility of the installing contractor.

MEP Notes:

- 2.0 General
- All electrical work shall conform to all of the National Electric Code for state, county, city electrical codes, and authorities having jurisdiction.
- 2.1 Electrical
- All duplex outlets are to be Pass & Seymour Industrial Grade Surge Protective Receptacles with Isolated Ground unless otherwise specified. This ground shall be tied to the electrical service ground. Use Pass & Seymour part number IG5262-WSP for 15 amp circuits and Pass & Seymour part number IG6362-WSP for 20 amp circuits.
- 2.2 Grounding
- General Contractor shall provide solid copper grounding busbar to be installed with insulated standoffs, (1/4" thick x 4" high). This busbar is drilled with rows of holes according to NEMA standards for attachment of bolted compression fittings. Telecommunications equipment, frames, cabinets and voltage protectors shall be grounded to this busbar.
- All grounding shall be in accordance with Article 250 of NEC 2017.

HVAC

- 3.0 The general Contractor shall provide sufficient HVAC in the FACP room to maintain a temperature of 40° to 100° Fahrenheit.



CABLE SPECIFICATIONS:

1. All cables shall be at a minimum riser rated. All cables shall be plenum rated in such spaces that require it by local, state or national code. The plenum rating must conform to the most current version of NFPA 262.
2. Data Cable: All inside and home-run data wiring will utilize 4-Pair TIA Cat-6 twisted pair copper cable terminating on TIA RJ_45 jacks utilizing the TIA 568a standard configuration. All Cat-6 cable shall meet or exceed ANSI/EIA/TIA-568 requirements.

GENERAL WIRING NOTES:

1. All low-voltage wiring should be run at least one stud bay apart (12" minimum) from any parallel high-voltage wiring, and cross at right angles whenever necessary. Where there is insufficient space to meet that requirement, the cabling must be arranged to provide the maximum possible separation over as much distance as possible (under no circumstance shall the lateral distance be less than 4" without supplemental shielding). The only exception is where cables cross at right angles, where a 2" minimum separation must be maintained. This may require coordination with the Electrical Contractor before the high-voltage wiring commences.
2. Protecting cabling from damage is the responsibility of the low-voltage installing contractor. All cabling must be run where it is unlikely to be damaged after installation. Nail caps should be installed where cabling passes through wall studs. Where steel framing is used, plastic bungs should be installed wherever cables pass through metal structural members. Cables must not touch any edges of metal framing.
3. All cabling must be properly supported and secured in a way that will not compress or deform the cables. All cable bends must maintain a minimum 3" bend radius.
4. Splicing or repair of cabling is not permitted. Damaged cable must be replaced in its entirety.
5. Any defective or damaged cabling, or any cable or cable installation that does not meet these specifications, must be replaced. This will be at the installation contractor's expense, unless it is the result of gross negligence by another trade, or unavoidable because of subsequent changes, structural modifications, etc.
6. The General Contractor shall be responsible for notifying the low-voltage installation contractor of any such cable damage.

ACCESS CONTROL AND SURVEILLANCE VIDEO	
①	F0B READER
②	MAGLOCK (BY OTHERS)
③	ELECTRIC STRIKE (BY OTHERS)
④	TELEPHONE ENTRY PANEL —DOORING 1837 (1) DATA CABLE TO MCR OR BCR FOR PHONE (1) DATA CABLE TO MCR OR BCR FOR DATA
⑤	INDOOR IP MEGAPIXEL CAMERA - PoE 5 MP MIN. (1) DATA CABLE TO MCR OR BCR AS NOTED
⑥	OUTDOOR IP MEGAPIXEL CAMERA - PoE 5 MP MIN. (1) DATA CABLE TO MCR OR BCR AS NOTED
⑦	ELEVATOR CAMERA FROM TRAVEL CABLE INTERFACE IN EMR TO NEAREST BCR VIA (1) 1" CONDUIT (2) CAT6 CABLES (1) RG-6 CABLE (1) 6 STRAND SINGLE MODE FIBER

DRAWING INDEX		REV DATE	REV DATE	REV DATE	REV DATE	REV DATE	REV DATE
DRAWING NO	DESCRIPTION						
T-000	LOW VOLTAGE LEGEND AND NOTES						
T-100	PARKING DECK - GROUND FLOOR PLAN						
T-101	PARKING DECK - FIRST FLOOR PLAN						
T-102	PARKING DECK - SECOND FLOOR PLAN						
T-103	PARKING DECK - THIRD FLOOR PLAN						
T-104	PARKING DECK - FOURTH FLOOR PLAN						
T-105	PARKING DECK - FIFTH FLOOR PLAN						
T-200	ACCESS CONTROL DETAILS						
T-201	ACCESS CONTROL DETAILS						
T-300	COMMUNICATIONS ROOMS LAYOUTS						
PRINT RECORD							
DATE	DESCRIPTION						

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Δ Date

LOW VOLTAGE
NOTES & LEGENDS

T-000