

**Exhibit D - Drawing Package Requirements Matrix - REVISION 1**  
**AVN RFP 24-0006 Public Address System Replacement**

TRADE	DRAWING TYPE	DRAWING CONTENT	SCALE	DESCRIPTION	DUE AT 30%	DUE AT 60%	DUE AT 90%
Technology	T.IS-0.01	Technology Legend	NTS	Legend and all symbols for technology systems, including City GOAA standard legend, index of all sheets, all abbreviations. Provide for all subsystems.	Complete	Updated	Final
Technology	T-1.X.X TA-1.X.X TS-1.X.X	Overall Technology Plan(s)	1"=40'	Show project location with respect to building, major existing and new infrastructure systems, including all major electrical equipment, devices, wiring, raceways.	Major new and existing equipment, tie-ins, raceways, wiring, devices	Updated	Final
Technology	T-1.X.X TA-1.X.X TS-1.X.X	Phasing Plan(s) and responsibility matrix	As required	Show phasing plan, means to keep existing systems active, temporary systems. Include responsibility matrix of system procurement, installation, configuration and all provisioning information denoting scopes of work.	Initial	Updated	Final
Technology	TD-2.00.X TAD-2.00.X TSD-2.00.X	Existing Technology Floor Plan(s)	1/8"=1'	Show all field verified existing conditions, including all security, CCTV, sound/paging, voice/data, MATV, BIDS/FIDS/MUFIDS, CUTE, radio, and lightning protection systems, etc.. Show all equipment, devices, raceways, wiring, etc. Demolition plans shall show all walls, etc. to be removed, all existing systems to be removed or modified.	Partially verified with demolition clearly shown.	Fully verified with demolition clearly shown.	Final with demolition clearly shown.
Technology	TD-3.00.X TAD-3.00.X TSD-3.00.X	Existing Technology Reflected Ceiling Plan(s)	1/8"=1'	Show all field verified existing conditions, including all security, CCTV, sound/paging, voice/data, MATV, BIDS/FIDS/MUFIDS, CUTE, radio, and lightning protection systems, etc.. Show all equipment, devices, raceways, wiring, etc. Demolition plans shall show all ceilings, etc. to be removed, all existing systems to be removed or modified.	Partially verified with demolition clearly shown.	Fully verified with demolition clearly shown.	Final with demolition clearly shown.
Technology	T-2.00.X TA-2.00.X TS-2.00.X	Technology Floor Plans	1/8"=1'	Show all systems including, but not limited to, security, CCTV, sound/paging, MATV, BIDS/FIDS/MUFIDS, CUTE, radio, lightning protection, etc.. Break system floor plans out by system as shown in drawing number designation column. Show all circuited devices, equipment, raceways, wiring, system control panels, communications panels, telecom closets, etc. Provide complete system design including equipment provided by Owner/Owner Vendor or others denoted in separate line weights to show the completed system.	Plans shall include Major equipment located, Communication room locations, 4" raceway, major raceway, demercation points, Areas of coverage for Communication rooms. Simple Devices, Referances to other enlarged floor plans, coordinated backgrounds with other trades and devices.	Plans shall include devices placed on coordinated drawing with lableing information denoting cabling origination, equipment and device circuiting, Detail callouts, Elevation callouts, finalized communication room locations and expanded raceway information. Devices should be laid out to the 75% level of information and integrated into the Architecture.	Plans shall be developed to the 100% level for all system circuiting, data and components. All other trade devices shall be shown as required as lighter line weight to show coordianted drawings with other design trades.
Technology	T-3.00.X TA-3.00.X TS-3.00.X	Technology Reflected Ceiling Plans	1/8"=1'	Show all systems, including but not limited to, security, CCTV, sound/paging, MATV, BIDS/FIDS/MUFIDS, CUTE, radio, lightning protection, etc.. Break system reflected ceiling plans out by system as shown in drawing number designation column. Show all circuited devices, equipment, raceways, wiring, system control panels, communications panels, etc. Provide complete system design including equipment provided by Owner/Owner Vendor or others denoted in separate line weights to show the completed system.	Reflected ceiling plans shall include Major equipment located, ECS/PA speaker zone boundaries, 4" raceway, major raceway, Simple Devices, coordinated backgrounds with other trades and devices.	Plans shall include devices placed on coordinated drawing with lableing information denoting cabling origination, equipment and device circuiting, Detail callouts, Elevation callouts, and expanded raceway information. Devices should be laid out to the 75% level of information and integrated into the Architecture.	Plans shall be developed to the 100% level for all system circuiting, data and components. All other trade devices shall be shown as required as lighter line weight to show coordianted drawings with other design trades.
Technology	T-4.00.X TA-4.00.X TS-4.00.X	Enlarged Floor Plans	1/4"=1'	Show existing conditions, changes to existing conditions, separate enlarged plans for raised floor cable tray/ladders systems, separate floor plan, separate cable ltray/ladder plan, wall elevations and rack elevations as required. Include Owner/Owner Vendor furnished equipment and complete system diagrams including equipment by others in separate line weights.	Plans shall include existing conditions and basic floor plan placeholder for the communication rooms shown on floor plans.	Develop to the 60% level of room layout and equipment location. Include Owner furnished equipment placement.	Contiue developing to 100% level.
Technology	T-5.00.X TA-5.00.X TS-5.00.X	System risers, Block Diagrams, Architecture and One Lines	NTS	Provide system expansion diagrams including tie ins to existing systems, detailed system block diagrams, overall network architecture diagrammatic one lines, cabling risers, equipment locations, cabling types, Owner/Owner Vendor furnished equipment and complete system diagrams including equipment by others in separate line weights. Include type of power required by system component according to City GOAA standards and coordination. Coordinate with electrical designer so information matches electrical drawings.	This section shall include existing system diagram information available	System Block diagrams, risers, architecture and onelines shall be developed to the 80% level and show integration points for interfaces, Owner Furnished equipment and data associated with equipment as required	Contiue developing to 100% level.
Technology	T-6.00.X TA-6.00.X TS-6.00.X	System Schedules and Calculations	As Required	Include all system schedules, door hardware schedules, camera schedules and other required schedules. Include calculations required for systems throughput, storage, BTU's, Power, UPS calculations and other required calculations.	Provide initial sheet placeholders and information that shall be located on the sheets	Schedules and calcaultions shall be developed to the 60% level capturing the information shown in the other drawings of the set.	Contiue developing to 100% level.
Technology	T-7.00.X TA-7.00.X TS-7.00.X	System Details, Door Details, Mounting Details, Detail Elevations. City GOAA Standards for Rack, Cable Tray/Ladder, Fiber Trough, Labeling and other as required.	As Required	Provide details required for installation of devices, raceway connections, rough in details of door types with sequence of operation, special requirements, interface details with sequence of operation, important items from specifications for field personnel, City GOAA standard details and other items as required for proper installation and depiction of standards.	Include standard City GOAA details available for the systems and placeholders for details or standard details available from the Designer.	Plans shall include all known details available at the 60% level to aid with cost estimates and operational sequences associated with the equipment.	Contiue developing to 100% level.