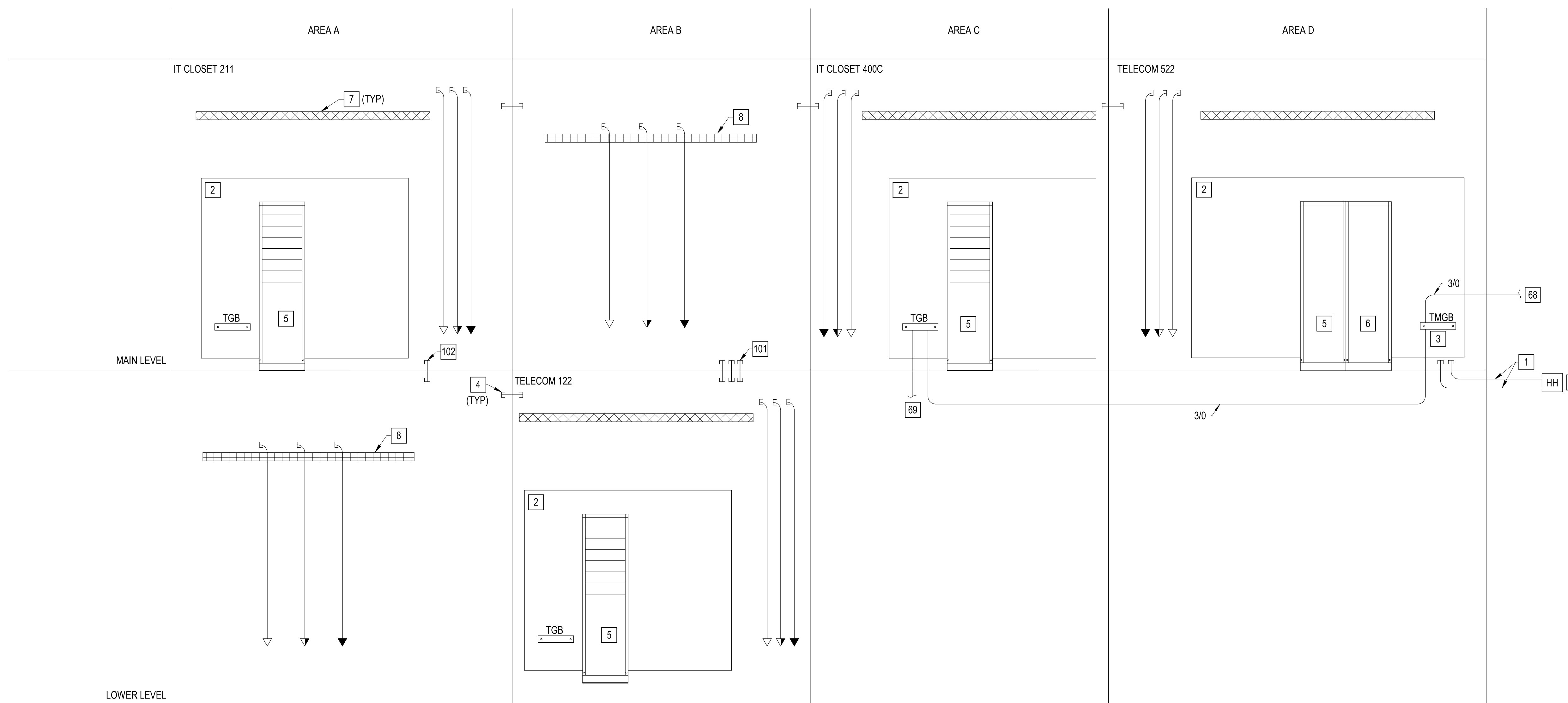


C1 PA SYSTEM RISER DIAGRAM
NO SCALE



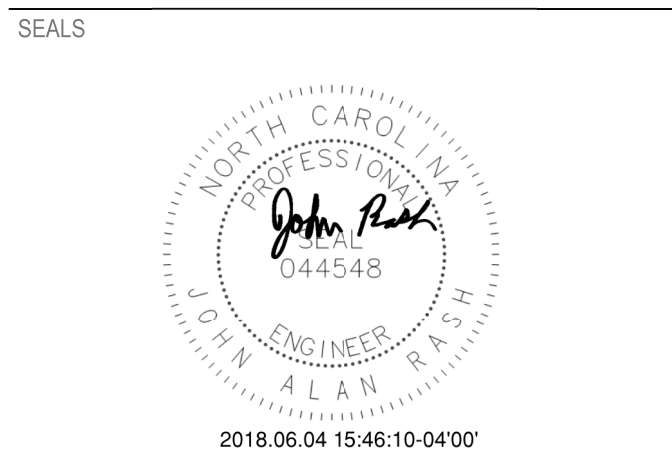
A1 SYSTEMS RISER DIAGRAM
NO SCALE

KEY NOTES

- (2) 4" INCOMING PVC CONDUITS FROM FIBER HANDHOLE OUTSIDE TO MAIN TELECOM ROOM 522 FOR INCOMING TELECOMMUNICATION SERVICES. SEE ES101 FOR ADDITIONAL INFORMATION.
- TELECOM BACKBOARD. 3/4" AC GRADE FIRE-RATED PLYWOOD. MOUNT FROM 24" TO 96" AFF ON 3 WALLS WITH THE EXCEPTION OF THE WALL WITH DOOR
- TELECOM MAIN GROUNDING BAR. 4" X 12", 1/4" THICK, UL LISTED, AND FACTORY PRE-DRILLED. BOND ALL METALLIC ITEMS IN TELECOM ROOM TO GROUND BAR WITH #6 AWG COPPER CONDUCTOR WITH GREEN INSULATION. MOUNT BAR AT 24" AFF.
- (2) 4" CONDUIT SLEEVES BETWEEN TELECOM ROOMS AND CORRIDOR.
- TELECOM SWITCHES PROVIDED BY HCPS. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL TELECOM RACKS PER PLANS.
- RACK SPACE FOR FUTURE USE.
- LADDER-TYPE CABLE TRAY RUN ALONG PERIMETER OF TELECOM ROOM.
- SPLIT WIRE MESH BASKET CABLE TRAY TO BE RUN IN CORRIDOR IN ACCESSIBLE LOCATION. 8" TO BE DEDICATED TO TELECOM WIRING AND 4" DEDICATED TO SECURITY AND SYSTEMS WIRING. CONDUIT RUN IN INACCESSIBLE AREAS FOR RUNS NO GREATER THAN 100' BEFORE REQUIRING FULL BOX SIZED PER NEC. SEE TELECOM PLANS FOR ADDITIONAL ROUTING INFORMATION.
- TYPICAL INTERIOR DUKANE SPEAKER. SEE E-001 AND PLANS FOR ADDITIONAL INFORMATION. COORDINATE FINAL LOCATIONS WITH HCPS. ELECTRICAL CONTRACTOR TO PROVIDE 3/4" CONDUIT AND BACKBOX. HCPS SECURITY CONTRACTOR TO PROVIDE CABLING PER MANUFACTURER'S RECOMMENDATION.
- TYPICAL LOUD SPEAKER (HORN TYPE) FOR INTERCOM SYSTEM. EXTERIOR RATED FOR PLAYGROUND, MULTIPURPOSE, AND ENTRY CANOPY.
- CONTROL STATION TO BE LOCATED IN ALL CLASSROOMS LOCATED AT EACH RESPECTIVE DOOR (SEE PLANS FOR QUANTITY).
- CENTRAL INTERCOM CONTROL RACK PROVIDED BY HCPS. ELECTRICAL CONTRACTOR TO PROVIDE 3/4" CONDUIT TO CONTROL STATIONS AND TO SPEAKER/LOUDSPEAKERS PER MANUFACTURER'S RECOMMENDATIONS. HCPS SECURITY CONTRACTOR TO PROVIDE CAT5E CABLE BETWEEN DEVICES.
- APC UPS PROVIDED AND INSTALLED BY OWNER. 1/2" CONDUIT AND WIRING PROVIDED BY DIVISION 26 FROM NEAREST GENERATOR EMERGENCY PANEL.
- TO MAIN SYSTEM GROUND BAR LOCATED IN ELECTRICAL ROOM [520]. SEE EP701 FOR ADDITIONAL INFORMATION.
- TO TGB BETWEEN TELECOM ROOMS. SEE EP701 FOR ADDITIONAL INFORMATION.
- (2) 4" CONDUIT AND (1) 2" SLEEVES BETWEEN TELECOM ROOM [122] AND CHASE ABOVE TO CONDUIT/CABLETRAY.
- (1) 4" CONDUIT SLEEVES FROM TELECOM ROOM TO BELOW TO NEAREST CONDUIT/CABLE TRAY.
- CONDUIT WITH PULLSTRING TO EACH SPEAKER/LOUDSPEAKER DEVICE FROM CONTROL STATION/CENTRAL CONTROL STATION BY DIVISION 26. WIRING BETWEEN DEVICES TO BE PER HCPS SECURITY CONTRACTOR.
- FIBERGLASS HANDHOLE FOR TELECOMMUNICATION WIRING FROM SERVICE PROVIDER. CONTRACTOR TO PROVIDE HANDHOLE AND DUCTBANK. SEE SITE PLAN FOR ADDITIONAL INFORMATION.

HENDERSON COUNTY SCHOOLS
EDNEYVILLE ELEMENTARY SCHOOL
2875 FACE ROAD
HENDERSONVILLE, NC 28792

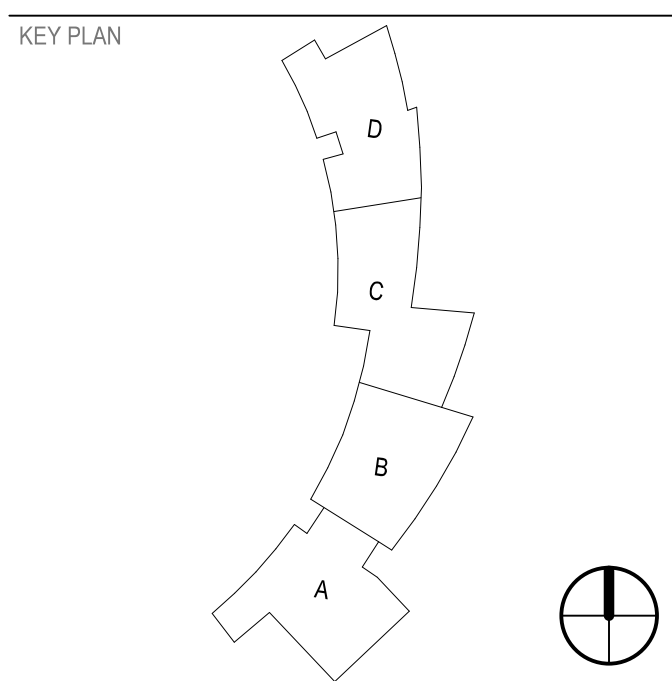
DESIGNER
CLARK NEXSEN
301 College Street, Suite 300
Asheville, North Carolina 28801
828-232-0008
www.clarknexsen.com



SUBMITTAL
06.04.2018
ISSUED FOR CONSTRUCTION

REVISIONS

NO.	DESCRIPTION



SHEET
SYSTEMS RISER DIAGRAMS

ET701

DESIGN: JAR
DRAWN: JAR
REVIEW: PJR

CN
5199.D