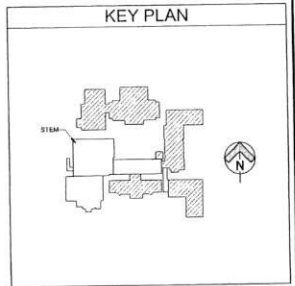


2E4.4 LOW VOLTAGE PLAN - STEM - THIRD LEVEL
1/8" = 1'-0"

PROJECT ELECTRICAL NOTES	
1.	NO CONDUIT SHALL BE INSTALLED IN ANY FLOOR SLAB THAT IS NOT ON GRADE. NO EXCEPTIONS. CONDUIT SHALL BE INSTALLED OVERHEAD OR ROUTED THROUGH THE SLAB AND INSTALLED ABOVE THE CEILING OF THE LEVEL BELOW.
LOW VOLTAGE PLAN NOTES	
1.	FOR ALL DATA CABLES ROUTED TO IDF / IDF ROOMS. PROVIDE MINIMUM OF 2" OF SLACK IN ROOM.
2.	FOR ALL DATA CABLES FOR WIRELESS ACCESS POINTS (WAP) PROVIDE 12' OF SLACK AT THE LOCATION SHOWN FOR LOCATION AS REQUIRED BY OWNER.
3.	PROVIDE OWNER WITH TEST RESULTS OF ALL DATA CABLES.
4.	INTERCOM SPEAKER QUANTITY AND LOCATIONS ARE SUGGESTIONS. LOCATIONS ONLY. CONTRACTOR SHALL VERIFY QUANTITIES AND LOCATION AS NECESSARY FOR COMPLETE COVERAGE IN BUILDING.
5.	LOW VOLTAGE CABLES NOT SPECIFIED TO BE IN CONDUIT SHALL BE INSTALLED IN CABLE TRAY SYSTEM OR SUPPORTED FROM BUILDING STRUCTURAL COMPONENTS. LOW VOLTAGE CABLES SHALL NOT BE SUPPORTED BY CEILING TILES OR CEILING GRID SYSTEMS.
ELECTRICAL KEYNOTES	
VALUE	NOTE
C1	PROVIDE 2" ABOVE ABOVE THIS WALL. SEE OTHER ALL SPECIFICATIONS.
C2	LOCUT IN CASEWORK. SEE ARCHITECTURAL CASEWORK ELEVATIONS. PROVIDE 1" CONDUIT THROUGH FLOOR.

Total Data
111



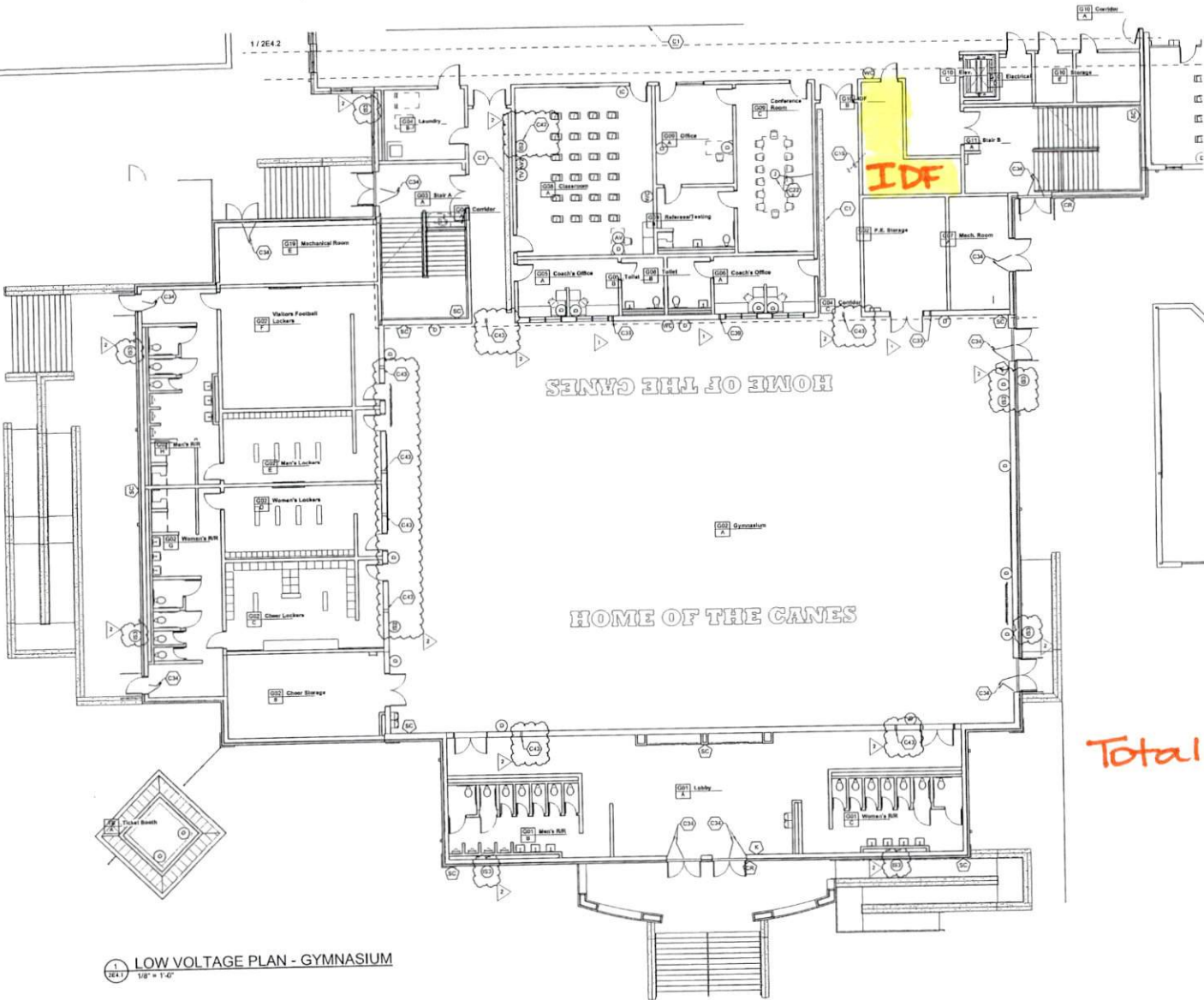
ROBERSON LOIA ROOF ARCHITECTS & ENGINEERS
3400 Peach Ridge Road, Suite 277, Alpharetta, GA 30005
770.574.2485 / www.rlrllc.com
GA CON. #00000000000000000000

GEORGIA REGISTERED PROFESSIONAL ENGINEER
SCOTT E. WOODRUFF
#103201

Cartersville High School
Additions and Renovations-Phase II
FOR:
Cartersville City Schools
Overall Addition Square Footage = 92,882 S.F.
Facility No. 797-2000, FTE #1,925, EXIST. I.D.#: TO NEW I.D.#: 0. Total: 100,175.

DATE: 04/16/2021
PROJECT NUMBER: 19357
PROJECT NUMBER: 2E4.4

2E4.1 LOW VOLTAGE PLAN - GYMNASIUM
1/8" = 1'-0"



PROJECT ELECTRICAL NOTES

- NO CONDUIT SHALL BE INSTALLED IN ANY FLOOR SLAB THAT IS NOT ON GRADE. NO EXCEPTIONS. CONDUIT SHALL BE INSTALLED OVERHEAD OR ROUTED THROUGH THE SLAB AND INSTALLED ABOVE THE CEILING OF THE LEVEL BELOW.

LOW VOLTAGE PLAN NOTES

- FOR ALL DATA CABLES ROUTED TO MPF / IDF ROOMS. PROVIDE MINIMUM OF 2" OF SLACK IN ROOM.
- FOR ALL DATA CABLES FOR WIRELESS ACCESS POINTS (WAP) PROVIDE 1' OF SLACK AT THE LOCAL END SHOWN FOR INSTALLATION AS REQUIRED BY OWNER.
- PROVIDE OWNER WITH TEST RESULTS OF ALL DATA CABLES.
- INTERCOM SPEAKER QUANTITY AND LOCATIONS ARE SUGGESTIONS LOCATIONS ONLY. CONTRACTOR SHALL MODIFY QUANTITIES AND LOCATION AS NECESSARY FOR COMPLETE COVERAGE IN BUILDING.
- LOW VOLTAGE CABLES NOT SPECIFIED TO BE IN CONDUIT SHALL BE INSTALLED IN CABLE TRAY SYSTEM OR SUPPORTED FROM BUILDING STRUCTURAL COMPONENTS. LOW VOLTAGE CABLES SHALL NOT BE SUPPORTED BY CEILING TILES OR CEILING GRID SYSTEMS.

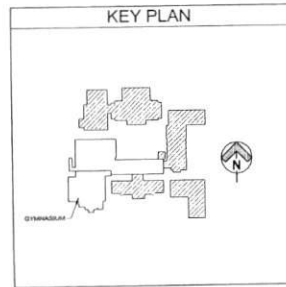
ELECTRICAL KEYNOTES

VALUE	NOTE
C1	PROVIDE PROVIDE ALONG THE WALL. SEE DETAIL AND SPECIFICATIONS.
C11	1/2" CONDUIT TO TOILET BOOTH. SEE ELECTRICAL SITE PLAN. 2" CONDUIT UP 6" AFF.
C22	DATA QUALITY IN RECESSIBLE FLOOR BOX. SEE POWER PLAN FOR REQUIREMENTS.
C24	PROVIDE 1" EC TO ABOVE FINISHED CEILING.
C25	PROVIDE (2) 3/4" CONDUIT FROM EACH FIBER OPTIC TO TOP OF FLOOR FRAME AND PROVIDE (2) 3/4" CONDUIT FROM EACH FIBER OPTIC TO SIDE OF DOOR FRAME. COORDINATE EXACT 3/4" CONDUIT TO WIRELESS RANGE POSITION ON SIDE OF DOOR FRAME. COORDINATE EXACT LOCATIONS WITH WIRELESS ACCESS CONTROL HARDWARE OF DOOR. SEE POWER PLAN FOR POWER REQUIREMENTS.
C26	1/2" CONDUIT WITH MULTIFIBER OPTIC CABLE IN WALL FROM 12" AFF IN OFFICE TO BOTTOM BOTTOM OF SLAB AT 6" AFF.
C28	3/4" CONDUIT WITH MULTIFIBER OPTIC CABLE IN WALL FROM ABOVE CEILING IN CORRIDOR / LOCKERS / LOBBY TO ABOVE BOTTOM OF JOIST IN GYM FOR FUTURE USE.

GYM PA SYSTEM NOTE

PROVIDE (8) TWO-GANG BY 2 1/2" DEEP BOXES WITH SINGLE-GANG PLASTER RINGEL. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS WITH OWNER PRIOR TO ROUGH-IN. PROVIDE (1) 1" CONDUIT TO ABOVE FINISHED CEILING FOR EACH BOX, WHERE NO CEILING, ROUTE TO ABOVE BOTTOM OF JOIST. SEE DETAILS. PROVIDE BLANK COVERPLATE.

Total Data 107



ROBERTSON LOJA ROOF ARCHITECTS & ENGINEERS
3480 Preston Ridge Road, Suite 271 - Alpharetta, GA 30009
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DEVELOPER
CARTERSVILLE HIGH SCHOOL

FOR:
Cartersville High School - Additions and Renovations-Phase II
Cartersville City Schools
Facility No. 76-7-2050, FTE=1,925; EXIST. I.U.F. TO NEW I.U.F. 30, Total: 1,001 I.U.F.

DATE: 04/16/2021
PROJECT NUMBER: 19357
PILOT NUMBER: 2E4.1