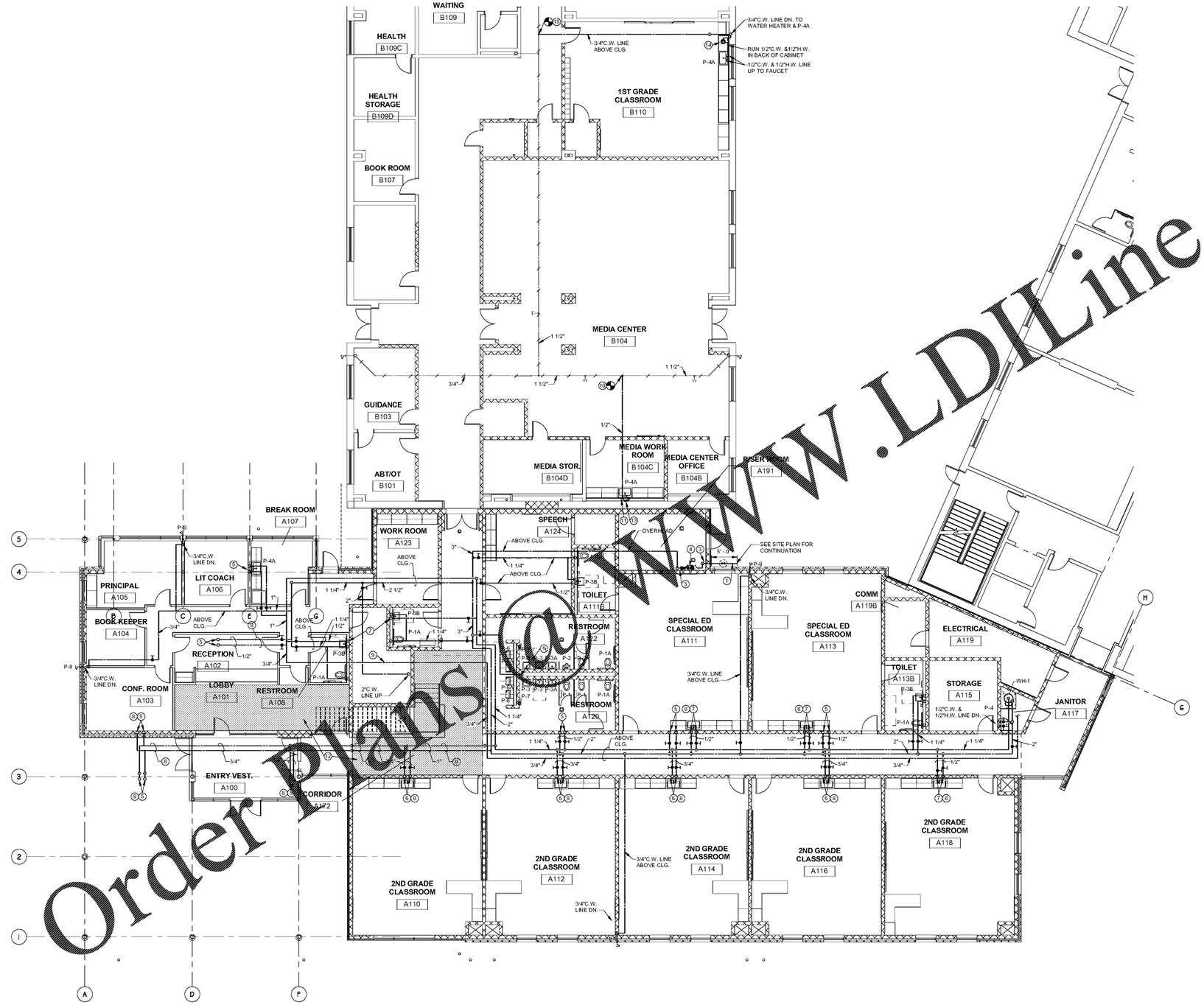


NOTES

1. 3"C.W. LINE BELOW GRADE.
2. 3"MAIN SHUT-OFF VALVE LOCATED IN VALVE BOX BELOW GRADE.
3. 3"C.W. LINE UP.
4. 3"DOUBLE CHECK VALVE BACKFLOW PREVENTER.
5. 1/2"C.W. & 1/2"H.W. LINES UP.
6. 1/2"C.W. LINE UP & DN. & 1/2"H.W. LINE UP & DN.
7. 1/2"C.W. & 1/2"H.W. LINE DN.
8. FIXTURE & PIPING IS PART OF ALTERNATE.
9. 3/4"H.W.R. LINE ABOVE CEILING.
10. TIE-IN NEW 1/2"C.W. LINE TO EXISTING C.W. MAIN ABOVE CLG.
11. 1/2"C.W. LINE DN. TO P-4A AND W/H. RUN 1/2"H.W. LINE FROM W/H DN. TO P-4A.
12. WOOD CEILING. DO NOT RUN PIPING ABOVE THIS AREA.
13. INSTANTENOUS ELEC. WATER HEATER MOUNTED ON WALL ABOVE CLG. W/H SHALL BE EEMAX MODEL EXT10, 10KW, 208V, SINGLE PHASE.
14. ELECTRIC WATER HEATER SHALL BE A.O. SMITH MODEL EMT6S WITH P-3A IN CONJECTION WATER HEATER LOCATED IN CABINET. SEE SIDE OF WATER HEATER IN BACK OF CABINET. RUN WATER HEATER DRAIN LINE THRU EXTERIOR WALL & SPILL ON SURFACE. PROVIDE BUG SCREEN @ END OF PIPE.
15. TIE-IN NEW 1/2"C.W. LINE TO EXISTING C.W. MAIN.

GENERAL NOTES

1. COLD AND HOT WATER LINES SHOWN IN THE AREA OF A FIXTURE AND/OR TOILET GROUP SHALL BE RUN FULL SIZE OF HEADER INDICATED IN WALL AND/OR CHASE. PROVIDE CONNECTION TO FIXTURES, HOSE BIBB AND TRAP PRIMERS AS PLUMBING CONNECTION SCHEDULES AND DETAILS INDICATE.
2. ALL SHUT-OFF VALVE UP TO 2 1/2" SHALL BE BALL VALVES.
3. ALL VALVES SHALL BE LOCATED A MAX. 10'-0"A.F.F. OR 2'-0" ABOVE CLG. UNLESS APPROVED BY OWNER.
4. ALL VALVES, TRAP PRIMERS AND SHOCK ABSORBERS ARE TO BE INSTALLED SO THEY ARE ACCESSIBLE.
5. PROVIDE AN ASSE 1070 APPROVED MIXING VALVE FOR ALL HAND WASHING STATIONS. P3, P-3A, P-3B, P-4A, P-4B & P-4C.

ALTERNATE NOTES

ALTERNATE 1a : PROVIDE ONLY PIPING FROM MAINS TO CLASSROOM SINK LOCATION.

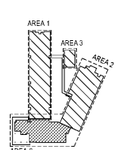
ALTERNATE 1b : PROVIDE SINK, ALL FITTINGS & PIPING

1 **FIRST FLOOR PLAN - PLUMBING SUPPLY (ALTERNATE)**
SCALE: 1/8" = 1'-0"

0' 4' 8' 16' 32'
SCALE 1/8" = 1'-0"

TRUE NORTH

KEY PLAN



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SOUTH CAROLINA PROFESSIONAL ENGINEER No. 10556 10/24/19 DAN E. RIDER

Buford Goff & Associates, Inc.
Engineers & Planners
1331 Elmwood Ave.
Suite 200
Columbia, SC 29201
Phone: (803) 254-4262

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MILLBROOK ELEMENTARY
SCHOOL - ADDITIONS AND
RENOVATIONS

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FIRST FLOOR PLAN -
PLUMBING SUPPLY
(ALTERNATE)

P1.1(a)

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