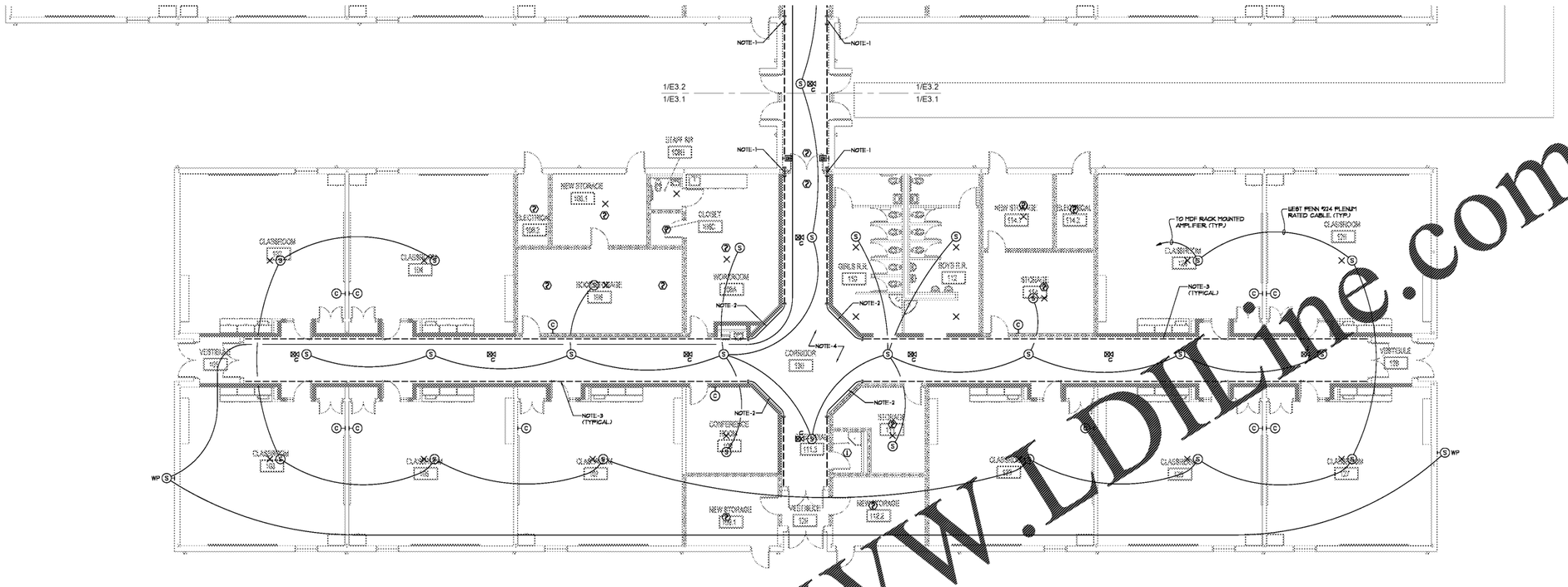


INTERCOM SYMBOL LEGEND

- (A) — ADMIN PHONE
- (AJ) — 3.5MM AUDIO INPUT JACK
- (C) — EXISTING CALL STATION TO BE BLANKED OFF (NEW STAINLESS STEEL COVERPLATE) (REFER TO GENERAL ELECTRICAL NOTE "U")
- (S)C EX — EXISTING GYPSUM SPEAKER TO REMAIN
- (H) — WIDE ANGLE PAGING PROJECTOR
- (S) — NEW 2x2 LAY-IN SPEAKER
- (S)WP — WEATHERPROOF SPEAKER WITH STAINLESS STEEL GRILL

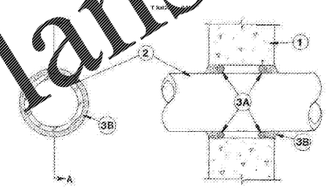
1 E3.1 FLOOR PLAN - BLDG 100 - SYSTEMS

SCALE: 1/8" = 1'-0"

ELECTRICAL NOTES

1. REFER TO DETAIL 2/E3.1. INSTALL 2 # 4" CONDUITS THROUGH 1 RATED WALL. SPACE CONDUITS AT LEAST 4" APART.
2. INSTALL 2 # 4" CONDUITS ABOVE HARD CEILING. SPACE CONDUITS AT LEAST 4" APART.
3. REFER TO DETAIL 3/E3.1.
4. REFER TO GENERAL ELECTRICAL NOTES "E", "I", "J", "K", "L", "Q", "U", "W", "X", AND "Y" ON DRAWING E0.1.

System No. W-J-1014



SECTION A-A

1. **Wall Assembly** — Min 6 in. thick reinforced lightweight or normalweight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks**. Max. Duct Opening is 6 in.

See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Through Penetrants** — One metallic pipe, conduit or tubing to be installed within the firestop system. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. A nominal annular space of 1/4 in. is required within the firestop system. The following pipes and sizes of metallic pipes, conduits or tubing may be used:

A. **Steel Pipe** — Nom 4 in. diam (or smaller) Schedule 5 (or heavier) steel pipe.

B. **Conduit** — Nom 4 in. diam (or smaller) steel electrical conduit, tubing or rigid steel conduit.

3. **Firestop System** — The firestop system shall consist of the following:

A. **Packing Material** — Optional — Min 5.5 in. thick polyurethane backer rod friction fitted into the opening. Packing material to be recessed from both surfaces of wall to accommodate the required thickness of fill material.

B. **Fill, Void or Cavity Materials*** — **Caulk** — Min 5/8 in. thickness of fill material applied within the annular space between the through penetrant and the concrete. Flush with both surfaces of wall. Additional material shall be applied such that a min 5/8 in. annulus is formed around the penetrating item.

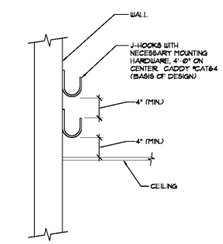
CGS NELSON FIRESTOP — Type CLP 495 (Non-Sag) Caulk.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing this UL or cUL Certification (such as Canada), respectively.

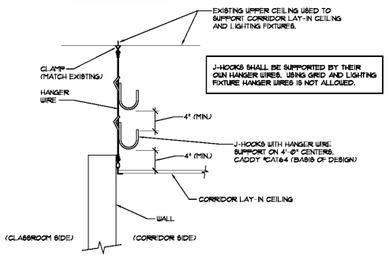
2 E3.1 CONCRETE WALL PENETRATION DETAIL

NOT TO SCALE

BUILDING CONNECTION CORRIDOR



CLASSROOM CORRIDOR



3 E3.1 J-HOOK DETAIL

NOT TO SCALE

Order Plans @ WWW.LDLine.com

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TELEPHONE 770-718-8160

JRM

2019-093

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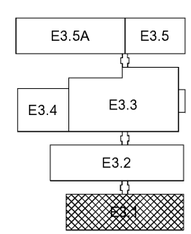
RENOVATIONS & MODIFICATIONS
120 SAINE DR. SW
MARIETTA, GA 30008

MARIETTA CITY SCHOOLS

KEY PLAN



FLOOR PLAN - BLDG. 100 - SYSTEMS

DATE 08/30/2019

PROJECT NO. 18122

E3.1

Dunleith Elem School - Renovations