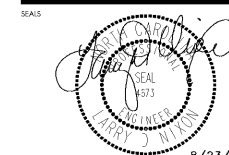




ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

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8/23/18

ASSOCIATES / CD-043 DAVIS



ENGINEERING FIRM NUMBER: C-0110
BASS, NIXON & KENNEDY, INC.
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PROJECT: Project Number

**BILTMORE HILLS
COMMUNITY
CENTER
RENOVATIONS**

2615 FITZGERALD DR
RALEIGH, NC 27610

CLIENT:



222 W. HARGETT ST - 6TH FLOOR
RALEIGH, NC

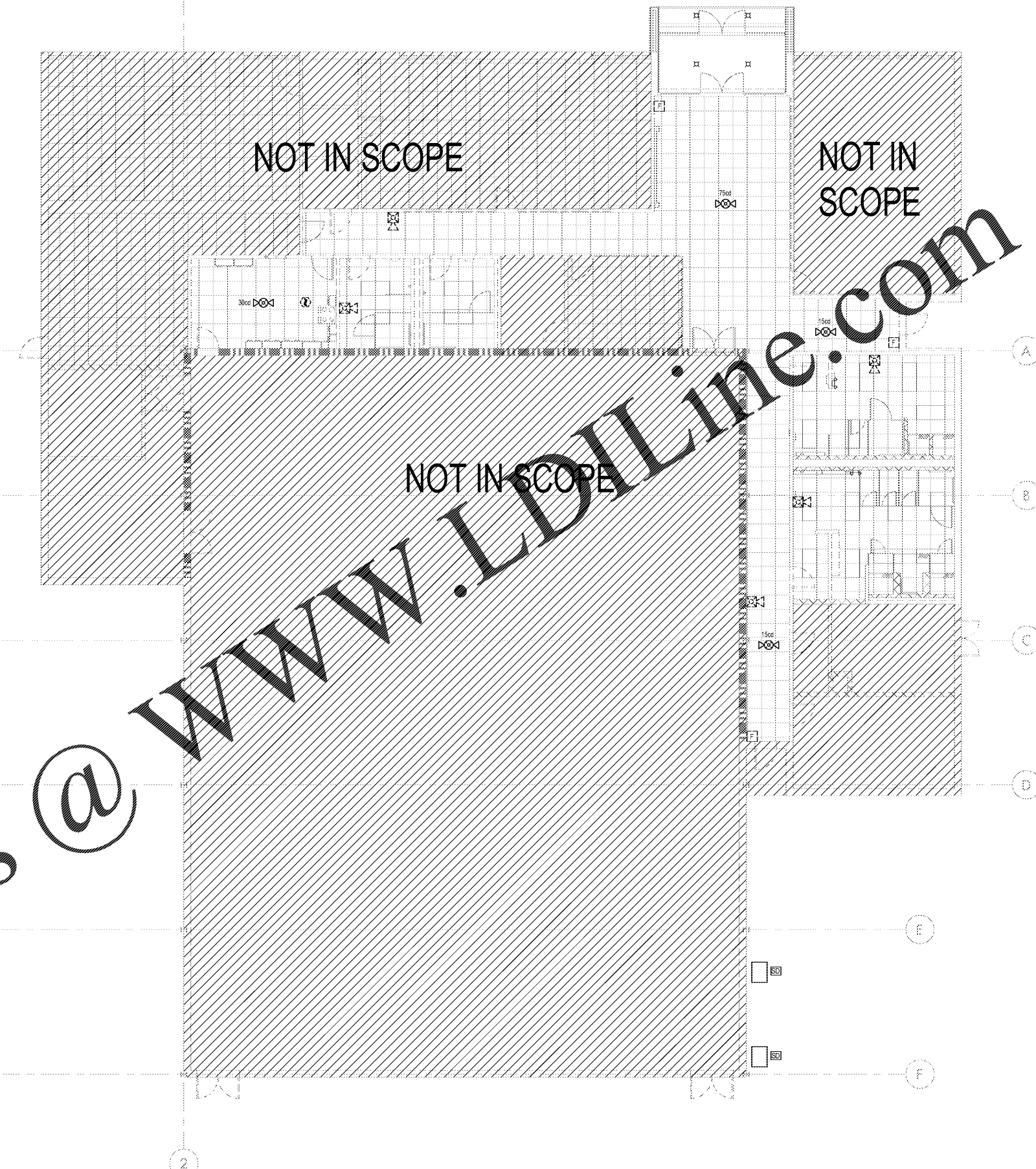
DRAWING TITLE:

FIRST FLOOR - FIRE ALARM

REVISIONS:

NUMBER	DESCRIPTION	DATE

DRAWN BY: WHD
CHECKED BY: MDB
DATE ISSUED: 8/13/18
FA-102
2 OF 2



- FIRE ALARM NOTES**
1. ALL VISIBLE NOTIFICATION APPLIANCES SHALL BE SYNCHRONIZED PER NFPA 72, SECTION 6-4.4.1.1
 2. E.C. SHALL VERIFY THAT DECIBEL LEVELS THROUGH OUT ENTIRE AREA OF WORK IS 70 DBA MINIMUM AND 110 DBA MAXIMUM PRIOR TO CALLING FOR INSPECTION. ADJUST LEVEL OF ALL HORNS AS NEEDED (100db IN MACHINE AND MECH ROOMS)
 3. PROVIDE ADDITIONAL DEVICES UL LISTED FOR USE WITH EXISTING SYSTEM AS INDICATED AND CONNECT TO EXISTING SYSTEM. PROVIDE REVISED BATTERY CALCS. FOR SYSTEM WITH ALL NEW AND EXISTING DEVICES INSTALLED. PROVIDE ADDITIONAL BATTERIES AS REQUIRED TO MAINTAIN SYSTEM IN FULL COMPLIANCE WITH NFPA 72, ADA AND ALL APPLICABLE STATE AND LOCAL CODES. PROVIDE ADDITIONAL ZONE MODULES AS REQUIRED IN EXISTING FACP SPACE FOR DEVICES ADDED. AS ALTERNATE CONTRACTOR MAY ADD POWER BOOSTER AND PROVIDE CALCULATIONS FOR THE ADDED DEVICES ONLY PROVIDED THAT NO NEW LOADS ARE ADDED TO EXISTING SYSTEM.
 4. E.C. SHALL PROVIDE BATTERY CALCULATIONS AND CUT SHEETS FOR FIRE ALARM SYSTEM. IF BATTERY CALCS SHOW THE SYSTEM AS INSUFFICIENT, CONTRACTOR SHALL PROVIDE ALTERNATE PRICE TO ADD A NEW POWER EXTENDER UL LISTED FOR USE WITH EXISTING SYSTEM AND CONNECT NEW DEVICES TO IT. PRIOR TO INSTALLING NEW POWER EXTENDER NOTIFY ENGINEER. AS ALTERNATE CONTRACTOR MAY ADD POWER BOOSTER AND PROVIDE CALCULATIONS FOR THE ADDED DEVICES ONLY PROVIDED THAT NO NEW LOADS ARE ADDED TO EXISTING SYSTEM.
 5. FIRE ALARM PROVIDER SHALL PROVIDE SHOP DRAWINGS WITH BATTERY & VOLTAGE DROP CALCULATIONS TO CITY PRIOR TO ROUGH-IN INSPECTION BY CITY.
 6. FIRE ALARM CONNECTIONS TO MECHANICAL EQUIPMENT ARE NOT SHOWN. PROVIDE ALL REQUIRED CONDUIT, WIRING, CONTROL MODULES, RELAYS, TERMINAL STRIPS, ETC. FOR INTERFACE WITH FIRE ALARM SYSTEM. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH MECHANICAL CONTRACTOR.

FIRE ALARM LEGEND

	06	FIRE ALARM HORN/STROBE CEILING MOUNTED - NEW WITH EXISTING WITH ADJUSTABLE VOLUME & CANDELA FEATURE. TIE INTO EXISTING FIRE ALARM SYSTEM (MINIMUM 110 DBA)
	06	EXISTING FIRE ALARM HORN/STROBE HANG MOUNTED - REMAIN MINIMUM CANDELA
	06	EXISTING FIRE ALARM HORN/STROBE CEILING MOUNTED - REMAIN MINIMUM CANDELA
	06	EXISTING FIRE ALARM PULL STATION - REMAIN
	06	EXISTING FIRE ALARM SMOKE DETECTOR - REMAIN

1 FINISHED FLOOR - FIRE ALARM
SCALE: 1/8" = 1'-0"