

SCOPE OF WORK- PROJECT NOTES

INSTALL NEW REMOTE STATION FIRE ALARM SYSTEM WITH EMERGENCY COMMUNICATIONS/VOICE EVACUATION SYSTEM PER THIS DRAWING IN NEW CONSTRUCTION PROJECT IN TYPE V-B CONSTRUCTION UNSPRINKLED EDUCATIONAL OCCUPANCY. OFF SITE NOTIFICATION IS PROVIDED BY INTEGRATED CELLULAR COMMUNICATOR VIA TO UL LISTED CENTRAL STATION.

ALL CEILING HEIGHTS ARE 10' OR LESS EXCEPT AS NOTED THE VAULTED CEILING IN THE FRONT MAIN HALLWAY AND LOBBY AT 12'.

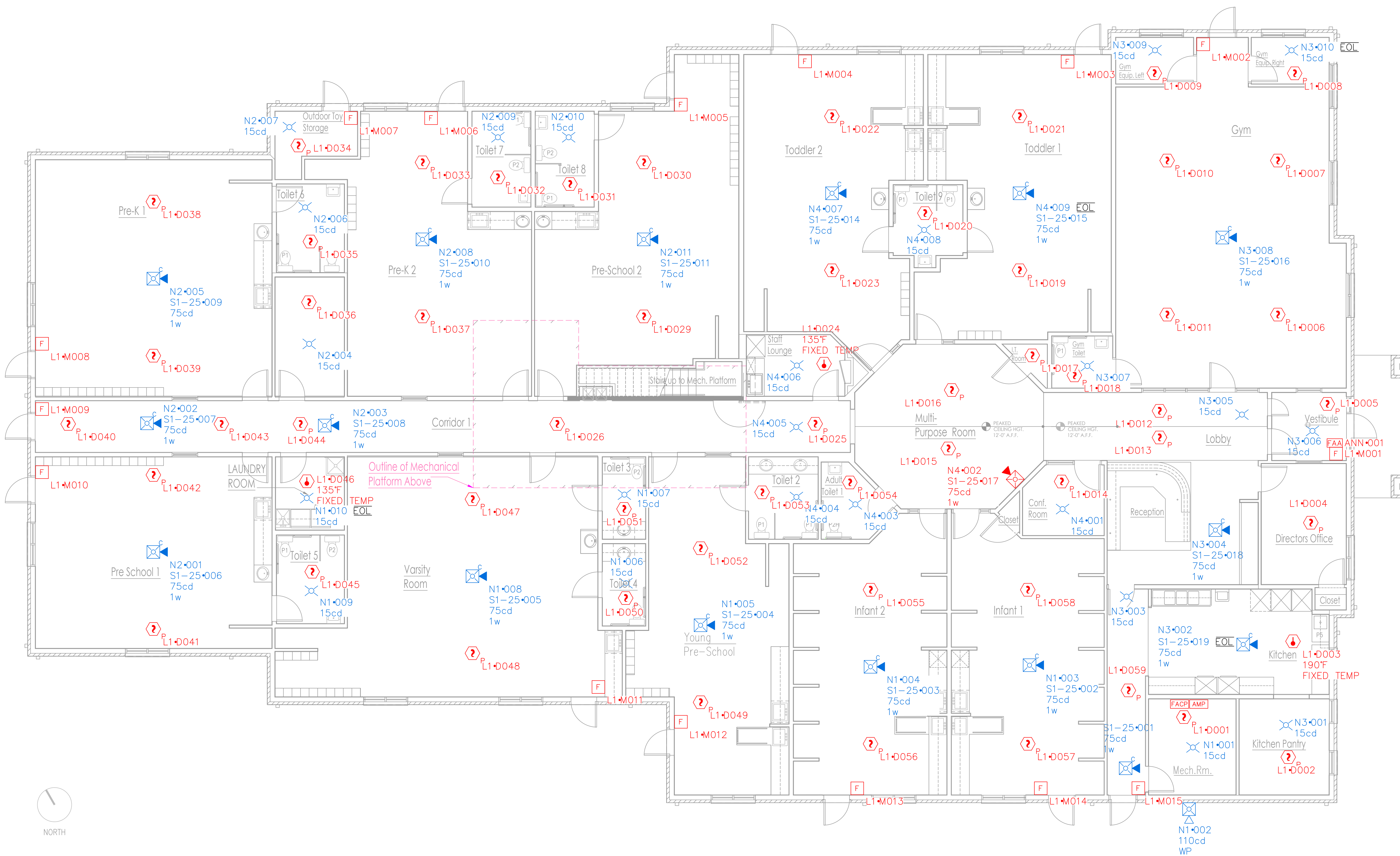
THE OWNERS HAVE CHOSEN TO INVOKE THE FOLLOWING EXCEPTION AND THIS DRAWING REFLECTS THE ARCHITECTS DEVICE LAYOUT AS DRAWN HERE: CARBON MONOXIDE DETECTION IS ONLY PROVIDED ON THE CEILING OF THE ROOM (EQUIPMENT PLATFORM) CONTAINING FOSSIL FUEL BURNING APPLIANCES, NOT WITHIN OR ADJACENT SPACES TO CLASSROOM AND SLEEPING ROOMS AS PER EXCEPTION 2 OF SECTION 915.1.4 OF THE 2018 NORTH CAROLINA BUILDING CODE. FOR THIS TO MAINTAIN COMPLIANCE THE SPACE CONTAINING THE CARBON MONOXIDE DETECTORS MUST BE MAINTAINED BETWEEN 40°F - 110°F.

THE OWNERS HAVE CHOSEN TO PROVIDE TOTAL COVERAGE SMOKE COVERAGE IN ALL AREAS OF THE SMOKE COMPARTMENTS SERVED BY THE RETURN AIR SYSTEM OF ALL ALL HANDLING UNITS. DUCT SMOKE DETECTORS ARE NOT REQUIRED PER 72.17.7.5.4.2.2(B) AND ALL AIR HANDLING UNITS ARE UNDER THE 200CFM REQUIREMENT FOR DUCT SMOKES, AGAIN NOT REQUIRED.

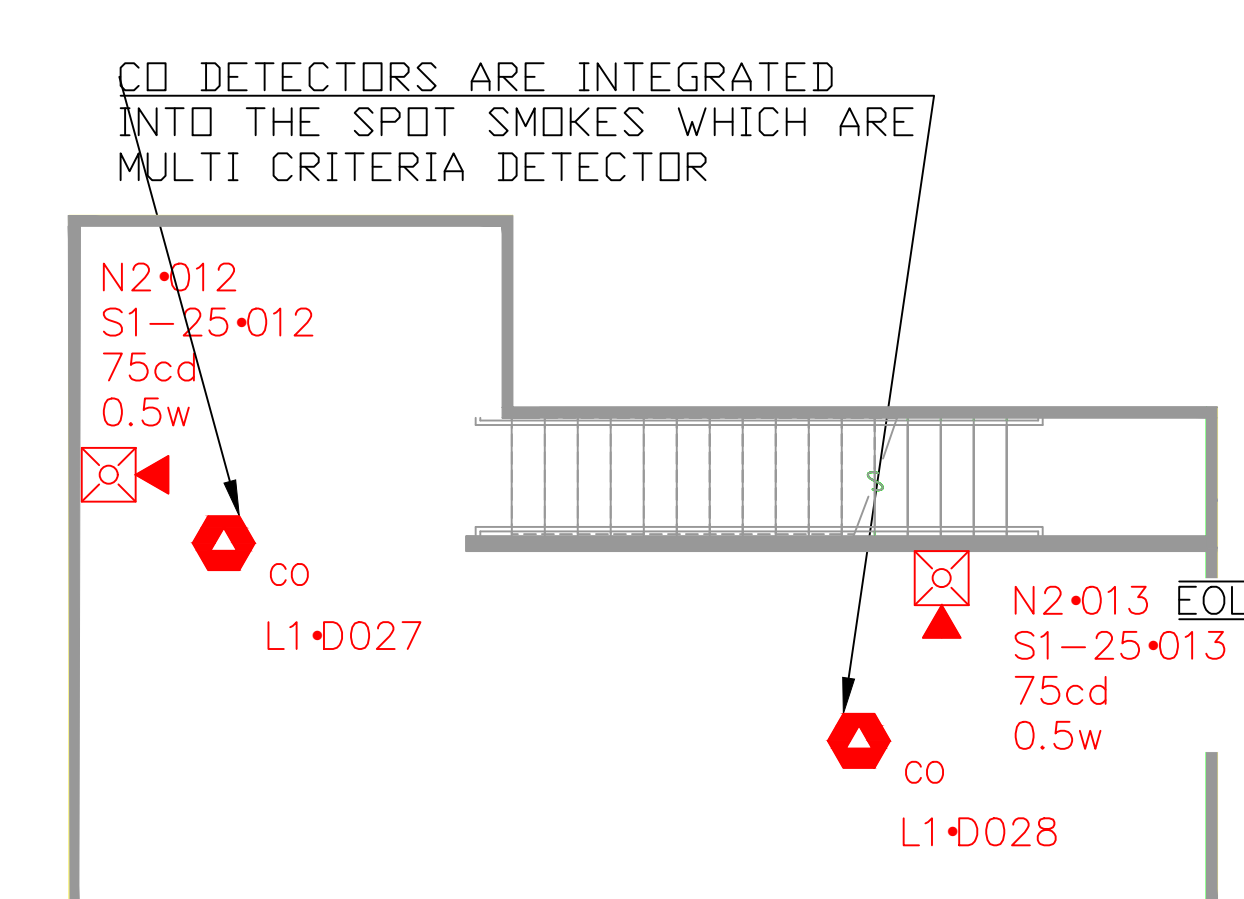
DEVICE PLACEMENT IN THIS SHOP DRAWING IS BASED ON SEALED PLANS FROM AN ARCHITECTURAL FIRM INTERPLAN LLC A NC REGISTERED FIRM #51613, PLANS DATED 04.20.2018, WHICH MEETS THE INTENT OF THE APPLICABLE CODES WITH THE ADDITION OF MANUAL PULL STATIONS AT EVERY LEVEL EXIT OF DISCHARGE AND A STROBE AT THE END OF THE LOBBY AREA, THIS FIRM DID NOT CHOOSE OR DESIGN THE OTHER DEVICE LOCATIONS.

APPLICABLE CODES-
2018 NORTH CAROLINA STATE BUILDING CODE
2017 NFPA 70 NATIONAL ELECTRIC CODE, AS AMENDED BY NORTH CAROLINA
2013 NFPA 72 FIRE ALARM CODE, AS AMENDED BY NORTH CAROLINA

DEVICE LEGEND				
DEVICE SYMBOL	QTY	MANUFACTURER	PART NO.	DESCRIPTION
[FACP]	1	FIRELITE	ES-200X	INTELLIGENT ADDRESSABLE FACP WITH GELL-MOD, IPOTS-COM AND PWRMOD24
[AMP]	1	FIRELITE	ECC-50/100	50 WATT, 25 VRMS SINGLE SPEAKER ZONE EMERGENCY EVACUATION SYSTEM
[FAA]	1	FIRELITE	ANN-80	80-CHARACTER LCD ANNUNCIATOR
[?] _p	54	FIRELITE	SD355(A)/B210LP	DETECTOR, SMOKE, ADDRESSABLE PHOTO W/STANDARD BASE
[?] _t	3	FIRELITE	H355/B210LP	ADDRESSABLE THERMAL DETECTOR W/6" STANDARD BASE
[?] _t	1	FIRELITE	H355HT/B210LP	ADDRESSABLE THERMAL DETECTOR 190°F W/6" STANDARD BASE
[?] _{co}	2	FIRELITE	SD355CO/B210LP	DETECTOR, SMOKE/CO, ADDRESSABLE W/STANDARD BASE
[F]	15	FIRELITE	B6-12LX	ADDRESSABLE PULL STATION
[S]	16	SYSTEM SENSOR	SPSCWL	SPEAKER/STROBE CEILING MOUNT, WHITE
[S]	3	SYSTEM SENSOR	SPSWL	SPEAKER/STROBE WALL MOUNT, WHITE
[X]	23	SYSTEM SENSOR	SCWL	STROBE, WHITE
[X] _{WP}	1	SYSTEM SENSOR	P2RK	2-WIRE HORN/STROBE OUTDOOR RED



Mechanical Equip. Platform



FOR SUBMITTAL RECORD DRAWINGS

I have reviewed these plans and
 certify that they comply with the referenced codes and standards;
 AND
 certify they were copied from sealed engineering plans

Signature: NICET #132756 Fire Alarm Systems Level III
 Date: 1.27.2019

Chad Putney
 APS Printed Name Date

MAXIMUM FIRE & SECURITY

4107 Rose Lake Drive, Suite H
 Charlotte, NC 28217
 704-315-2600 FAX 704-315-2817

REVISION DESCRIPTION

NO.

DATE

RAINBOW CHILD CARE CENTER

95 CENTENNIAL PARKWAY SPOUT SPRINGS, NC 28326

DRAWN BY: CP

DATE: 1.27.2019

DESIGNED BY:

DATE:

APPROVED BY:

DATE:

SCALE: 3/16" = 1.0"

SHEET TITLE: TITLE AND LAYOUT

SHEET NUMBER: FA-1

