ADDITION FOR:
FIRE STATION No. 15

3617 FRONTENAC AVENUE
CHARLOTTE, NC 28215

ISSUE:

FOR CONSTRUCTION
DATE: JULY 25, 2017

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Revisions

No.	Date	Descrip.

ADDITION
FOR
City of Charlotte
Engineering & Property Management

CFD
FIRE STATION 15
3617 FRONTENAC AVENUE
CHARLOTTE, NC 28215

A.L.R. Architecture, P.C. — REGISTERED ARCHITECTURAL COMPANY — CERT. NO. 51729 — NORTH CAROLINA — CHARLOTTE, NC

WILLIAM S. ASHLIN — REGISTERED ARCHITECT — 6303 — NORTH CAROLINA — CHARLOTTE

07/25/2017

TYPICAL ABBREVIATIONS

A	ACOUST.	ACOUSTICAL
	ADJ.	ADJACENT OR ADJUSTABLE
	A.F.F.	ABOVE FINISHED FLOOR
	A.J.S.F.	ARCHITECTURAL JOINT SYSTEM (FL.)
	ALT.	ALTERNATE
	ANCH.	ANCHOR(ED)
	ALUM. AL.	ALUMINUM
	ARCH.	ARCHITECT, ARCHITECTURAL
	ASST.	ASSISTANT
	@	AT
	A.R.	ABUSE RESISTANT
	A.V.	AUDIO VISUAL
B	BLDG.	BUILDING
	BOS B.O.S.	BOTTOM OF STEEL
	BRK.	BRICK
	B.U.R. BUR	BUILT UP ROOF(ING)
C	CLNG. CLG.	CEILING
	C.J.	CONTROL JOINT
	C.G.	CORNER GUARD
	C.L./CL	CENTER LINE
	C.T.	CERAMIC TILE
	CONF.	CONFERENCE
	CON.CONSTR.	CONSTRUCTION, CONSTRUCT
	CONC.	CONCRETE
	C.M.U.	CONCRETE MASONRY UNIT
	CONT.	CONTINUOUS
	CORR.	CORRIDOR
	CRS.	COURSE
	C.B.	COLLECTION BOX, CATCH BASIN
D	DET.	DETAIL
	DIA. D	DIAMETER
	DWG(S)	DRAWING(S)
	D.S.,DS	DOWNSPOUT
E	E.W. EA.WAY	EACH WAY
	E.W.C. EWC	ELECTRIC WATER COOLER
	ELEC.	ELECTRIC, ELECTRICAL
	ELEV. .E.	ELEVATION
	EXIST.	EXISTING
	E.J., EXP.JT.	EXPANSION JOINT
	EQ.	EQUAL
	EXP.	EXPANSION
	EF,EXH.	EXHAUST FAN, OR EXHAUST
	E.P.	EXTRUDED POLYSTYRENE
	E.F.S.	EXTERIOR FINISH SYSTEM
	E.T.R.	EXISTING TO REMAIN
F	FIN., F.	FINISHED
	F.F.E.	REFERENCE FINISHED
	F.L.	FLOOR ELEVATION
	F.D.	FLOOR DRAIN
	F.E.C.	FIRE EXTINGUISHER CABINET
	FL., FLR.	FLOOR
	FRT	FIRE-RETARDANT TREATED
	F.S.C.W.	FLUSH SOLID CORE WOOD
	F.V.	FLOOR TO CEILING FIELD VERIFY
G	GA.	GAUGE
	G.C., GEN CONT.	GENERAL CONTRACTOR
	GUID.	GUIDANCE
	GWB, OR G.B.	GYPSUM (WALL) BOARD
	GL.	GLASS
H	HC	HANDICAPPED
	H. HT.	HEIGHT, HIGH
	H.M.	HOLLOW METAL
	HORIZ.	HORIZONTAL
	HVAC	HEATING VENTILATION AND AIR CONDITIONING
	HR.	HOUR
I	INSUL.	INSULATION
	ITEN.	ITINERANT
J	J.B.E.	JOIST BEARING ELEVATION
	JT.	JOINT
L	LAV.	LAVATORIES
	L.	LENGTH
M	MAX.	MAXIMUM
	MIN.	MINIMUM
	MEM.	MEMBRANE
	MTL. MET.	METAL
	MECH.	MECHANICAL
	MFR.,MFG.	MANUFACTURER
	MEZZ	MEZZANINE
	M.R.	MOISTURE RESISTANT
	MTD.	MOUNTED
N	N.A. N/A	NOT APPLICABLE
	NOM.	NOMINAL SIZE
	N.I.C.	NOT IN CONTRACT
O	O.C.	ON CENTER
	O.H.	OPPOSITE HAND
	O.P.C.I.	OWNER PROVIDED, CONTRACTOR INSTALLED
	O.P.O.I.	OWNER PROVIDED, OWNER INSTALLED
P	P.E.	PROFESSIONAL ENGINEER
	P. LAM.	PLASTIC LAMINATE
	PW	PLYWOOD
	PL.	PLATE
	PLBG.	PLUMBING
	PRE.MFG	PRE-MANUFACTURED
	PRIN(C)	PRINCIPAL
	P.T.	PRESSURE TREATED
R	REC.	RECREATION
	R.	RADIUS
	REQD.	REQUIRED
	REINF.	REINFORCING
	RH	ROOF HATCH
	RLD	ROOF LEADER DRAIN
	RM	ROOM
	RECPT.	RECEPTION
	RR	RESTROOM
S	S.B	SPLASH BLOCK
	STL.	STEEL
	SCH.,SCHED.	SCHEDULE
	S.F., SQ. FT.	SQUARE FOOT
	S.Y. SQ. YD.	SQUARE YARD
	SPEC.	SPECIFIED
	SPEC. ED.	SPECIAL EDUCATION
	SUSP. CLG.	SUSPENDED CEILING
	STOR.	STORAGE
	STRUCT.	STRUCTURAL
	S.O.G.	SLAB ON GRADE
	S.C.F.H.	SILICANT CONC. FLOOR HARDENER
T	TA	TOILET ACCESSORY
	THOLD	THRESHOLD
	T.O.S.	TOP OF STEEL
	T.O.F.	TOP OF FOOTING
	T.O.M.	TOP OF MASONRY
	TRTD	TREATED
	TYP.	TYPICAL
	TLT.T.	TOILET
	TYPE 'X'	FIRE CODE (U.N.O.)
U	U.N.O.	UNLESS NOTED OTHERWISE
V	V.	VENT
	VERT.	VERTICAL
	V.C.T.	VINYL COMPOSITION TILE
	V.T.R.	VENT THROUGH ROOF
W	W.W.M.,W.W.F.	WELDED WIRE MESH OR FABRIC
	W/	WITH
	WD.	WOOD
	W.C.	WATER CLOSET
	W.H.	WALL HYDRANT, WATER HEATER

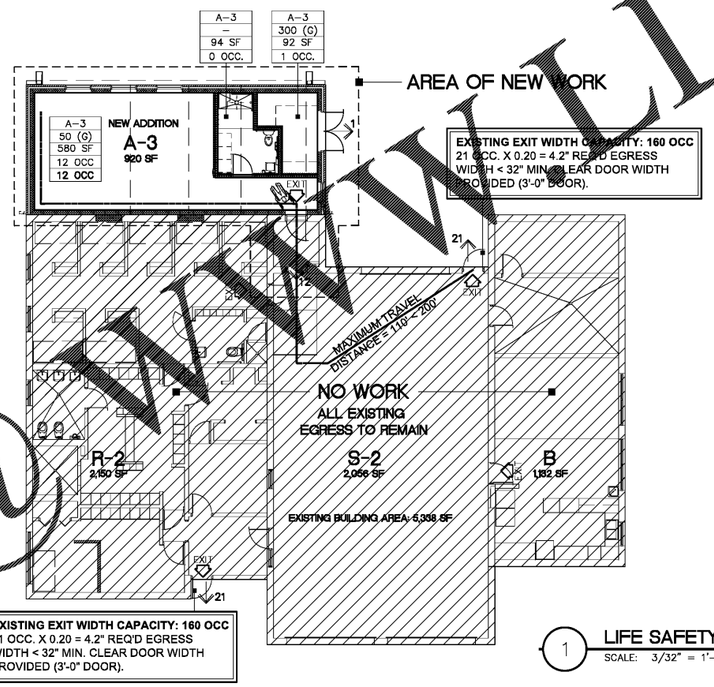
MATERIALS LEGEND

- STONE FILL
- CONCRETE MASONRY UNIT
- RIGID INSULATION
- BATT INSULATION
- FINISH WOOD
- GYPSUM BOARD
- EARTH
- POURED CONCRETE
- WOOD BLOCKING
- PLYWOOD
- BRICK
- METAL

SYMBOLS LEGEND

- ENTRANCE — ROOM NAME
- 100 — ROOM NUMBER
- CENTER LINE
- ELEMENT ABOVE PLANE
- BREAK LINE
- COLUMN LINE
- 3'-3 3/4" — TYPICAL DIMENSION
- X/X — DRAWING TITLE
- X/X OPPO. — ENLARGED AREA LOCATION
- X/X — ENLARGED AREA ID / SHEET OF ORIGINATION
- 60" ACCESSIBLE TURNING CIRCLE
- 48"X48" MANEUVERING SPACE
- KEY NOTE - DEMOLITION
- KEY NOTE - CONSTRUCTION
- ACP1 10'-0" — CEILING HEIGHT A.F.F.
- CEILING FINISH - SEE FINISH SCHEDULE
- 1 / A302 — SECTION CUT
- 2 / A0500 — ELEVATION REFERENCE
- 201 — DOOR NUMBER
- GB1 — GLASS TYPE - G, WINDOW TYPE - W, TOILET ACCESSORY - T
- 1 — REVISION NUMBER
- IW.43 — WALL TYPE

LIFE SAFETY PLAN AND OCCUPANCY CLASSIFICATION



EXISTING EXIT WIDTH CAPACITY: 160 OCC
21 OCC. X 0.20 = 4.2" REQ'D EGRESS
WIDTH < 32" MIN. CLEAR DOOR WIDTH
PROVIDED (3'-0" DOOR).

1 LIFE SAFETY PLAN
SCALE: 3/32" = 1'-0"

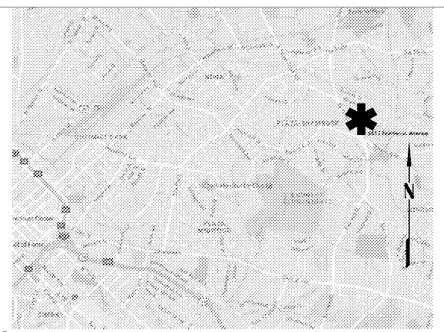
SYMBOLS LEGEND:

- *ACCESSORY TO MAIN OCCUPANCY
- E — OCCUPANCY GROUP
- 50 — OCCUPANT LOAD FACTOR
- 100 SF — AREA OF SPACE IN SQ. FEET
- 5 OCC — OCCUPANT LOAD OF SPACE
- 20 OCC — CUMULATIVE OCCUPANT LOAD OF SPACE WHERE OCCURS
- OCCUPANT LOAD SIGN REQUIREMENT WHERE OCCURS
- EGRESS PATHWAY / CORRIDOR
- 230 — PATH OF EGRESS
- NUMBER OF OCCUPANTS THROUGH EXIT
- 230 — EGRESS DOOR OPENING
- EXIT
- 1 HR RATED WALL
- 2 HR RATED WALL

SPACE USE / OCCUPANT LOAD KEY

FUNCTION OF SPACE	OCC. LOAD FACTOR (S.F. PER OCCUPANT)
EXERCISE AREA	50 GROSS
MECHANICAL EQUIPMENT ROOMS, ELECTRICAL ROOMS	300 GROSS
STORAGE AREAS	300 GROSS
TOILET ROOMS	0 (ACCESSORY SPACE)
CORRIDORS OR VESTIBULES, STAIR, ELEVATOR	0 (ACCESSORY SPACE)

VICINITY MAP NTS



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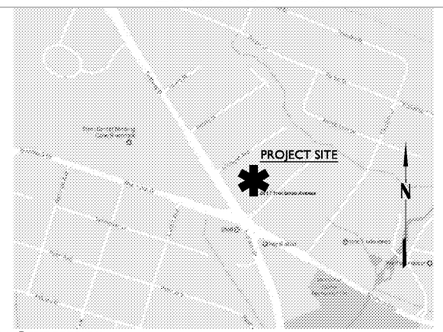
LOCATION MAP NTS



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COVER SHEET
(Drawing Index)

SHEET TITLE:

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