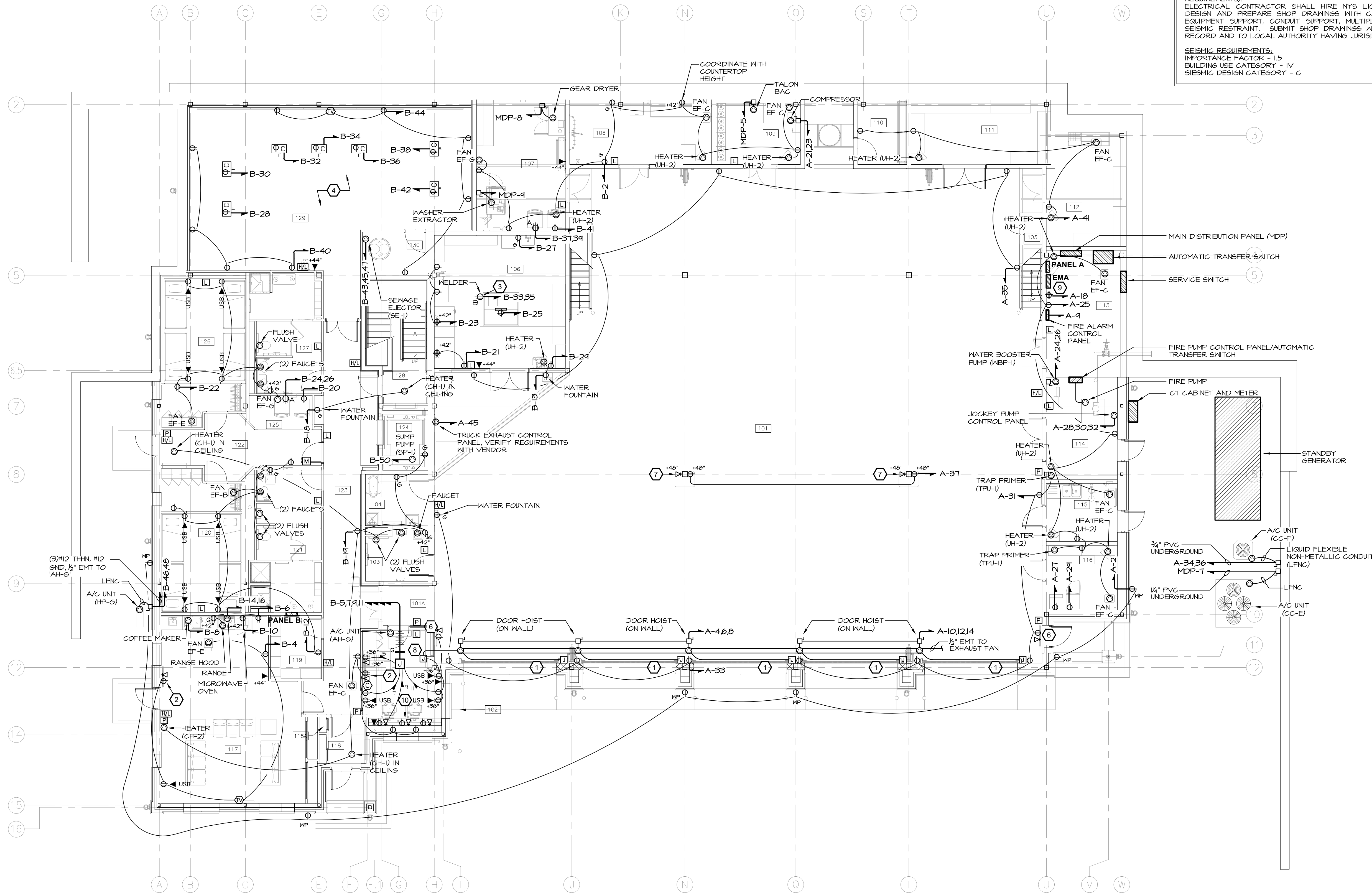




SEISMIC DESIGN FOR ELECTRICAL EQUIPMENT

THE ELECTRICAL SYSTEM SHALL COMPLY WITH THE NEW YORK STATE UNIFORM FIRE PROTECTION AND BUILDING CODE SECTION 1613 AND APPLICABLE PROVISIONS OF ASCE 7 (ARCHITECTURAL, MECHANICAL AND ELECTRICAL COMPONENT SEISMIC DESIGN REQUIREMENTS).

ELECTRICAL CONTRACTOR SHALL HIRE NYS LICENSED PROFESSIONAL ENGINEER TO DESIGN AND PREPARE SHOP DRAWINGS WITH CALCULATIONS FOR EACH ELECTRICAL EQUIPMENT SUPPORT, CONDUIT SUPPORT, MULTIPLE CONDUIT SUPPORT, TRAPEZE AND SEISMIC RESTRAINT. SUBMIT SHOP DRAWINGS WITH CALCULATIONS TO ENGINEER FOR RECORD AND TO LOCAL AUTHORITY HAVING JURISDICTION FOR APPROVAL.

SEISMIC REQUIREMENTS:
IMPORTANCE FACTOR - 1.5
BUILDING USE CATEGORY - IV
SEISMIC DESIGN CATEGORY - C

MA

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NEW STATION FOR PUTNAM VALLEY FIRE STATION #1

OSCAWANA LAKE ROAD
PUTNAM VALLEY, NEW YORK

REVISION HISTORY		
DATE	DESCRIPTION	

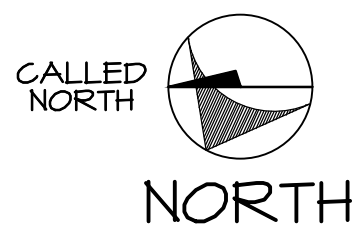
ELECTRICAL: 1st FLOOR PLAN

SCALE: AS NOTED
DWG. BY: KC
DWG. DATE: 8/14/2020
STATUS: BID DRAWINGS

E100

- KEYED NOTES** (APPLIES TO THIS SHEET ONLY)
- PROVIDE 4"x4" BOX AT 48" AFF. EXTEND 1/2" EMT TO DOOR HOIST. REFER TO 3/E300 FOR CONTROLS SCHEMATIC. CONTROLS AND CONTROL WIRING SHALL BE BY DOOR VENDOR. COORDINATE FINAL WIRING WITH VENDOR.
 - LOCATION OF "FIRST-IN MONITOR". PROVIDE (1) DUPLEX RECEPTACLE AND (1) DATA OUTLET. COORDINATE INSTALLATION HEIGHT WITH OWNER IN FIELD.
 - VERIFY EXACT RECEPTACLE REQUIRED FOR EQUIPMENT IN FIELD.
 - VERIFY EXERCISE EQUIPMENT LAYOUT WITH OWNER AND ADJUST FLOOR BOX LAYOUT ACCORDINGLY.
 - NOT USED
 - LOCATION OF "FIRST-IN MONITOR". EC SHALL PROVIDE (1) DUPLEX RECEPTACLE AND (1) DATA OUTLET WITH BLANK COVER AT 11'-2" (TO CENTER OF BOX) AFF. VERIFY RECEPTACLE AND DATA INSTALLATION HEIGHT WITH OWNER IN FIELD.
 - PROVIDE 2"x4"x2" OUTLET BOX WITH 3/4" EMT AND BUSHING UP COLUMN TO CEILING HEIGHT. EC SHALL EXTEND (1) CAT 6 CABLE HOMERUN TO ROOM 203. REFER TO ARCHITECT'S DRAWINGS.
 - RECESSED 12"x18"x4" ALUMINUM BOX FOR OVERHEAD DOOR MASTER CONTROL PANEL PROVIDED AND INSTALLED BY DOOR VENDOR. PROVIDE 120V POWER TO BOX.
 - RECEPTACLE FOR COMMUNICATIONS SERVICE EQUIPMENT. SERVICES SHALL BE TERMINATED AT THIS LOCATION BY OTHERS AND THEN EXTENDED IN 2" EMT TO ROOM 203 (HEAD END). COORDINATE WITH OWNER.
 - EC SHALL PROVIDE LEGRAND AL5200 SERIES WIREMOLD RACEWAY OR SIMILAR ON BACK MALL OF RADIO ROOM CONSOLE. WIREMOLD SHALL CONTAIN (2) #12 THHN, AND #12 GROUND FOR (1) 20 AMPERE CIRCUIT, AS WELL AS (3) DATA OUTLETS, (1) TELEPHONE OUTLET AND POWER/DATA DIVIDER. VERIFY LOCATION WITH OWNER IN FIELD.

1st FLOOR PLAN
E100 SCALE: 1/8" = 1'-0"



NOTES:

- ELECTRICAL CONTRACTOR SHALL VERIFY ALL POWERED EQUIPMENT ELECTRICAL SPECIFICATIONS AND LOCATIONS IN FIELD AND CONSULT ENGINEER ON ANY CHANGES FROM PLANS.

1st FLOOR ROOM LEGEND			
NO.	NAME	NO.	NAME
101	APPARATUS BAY	116	HYDRATION ROOM
101A	VESTIBULE	117	DAY ROOM
102	RADIO ROOM	118	VESTIBULE
103	UNISEX LAVATORY	118A	CLOSET
104	JANITOR	119	HK STORAGE
105	RED BAG	120	BUNK ROOM #1
106	ENGINEER'S WORK ROOM	121	MEN'S LAV/SHOWER
107	LAUNDRY	122	CORRIDOR
108	SCBA FILL	123	CORRIDOR
109	COMPRESSOR	124	ELEVATOR
110	GEAR STORAGE	125	HOUSEKEEPING
111	STORAGE #1	126	BUNK ROOM #2
112	HOSE STORAGE	127	WOMEN'S LAV/SHOWER
113	ELECTRICAL	128	STAIR
114	FIRE PUMP	129	EXERCISE
115	DECON	130	PUMP ROOM