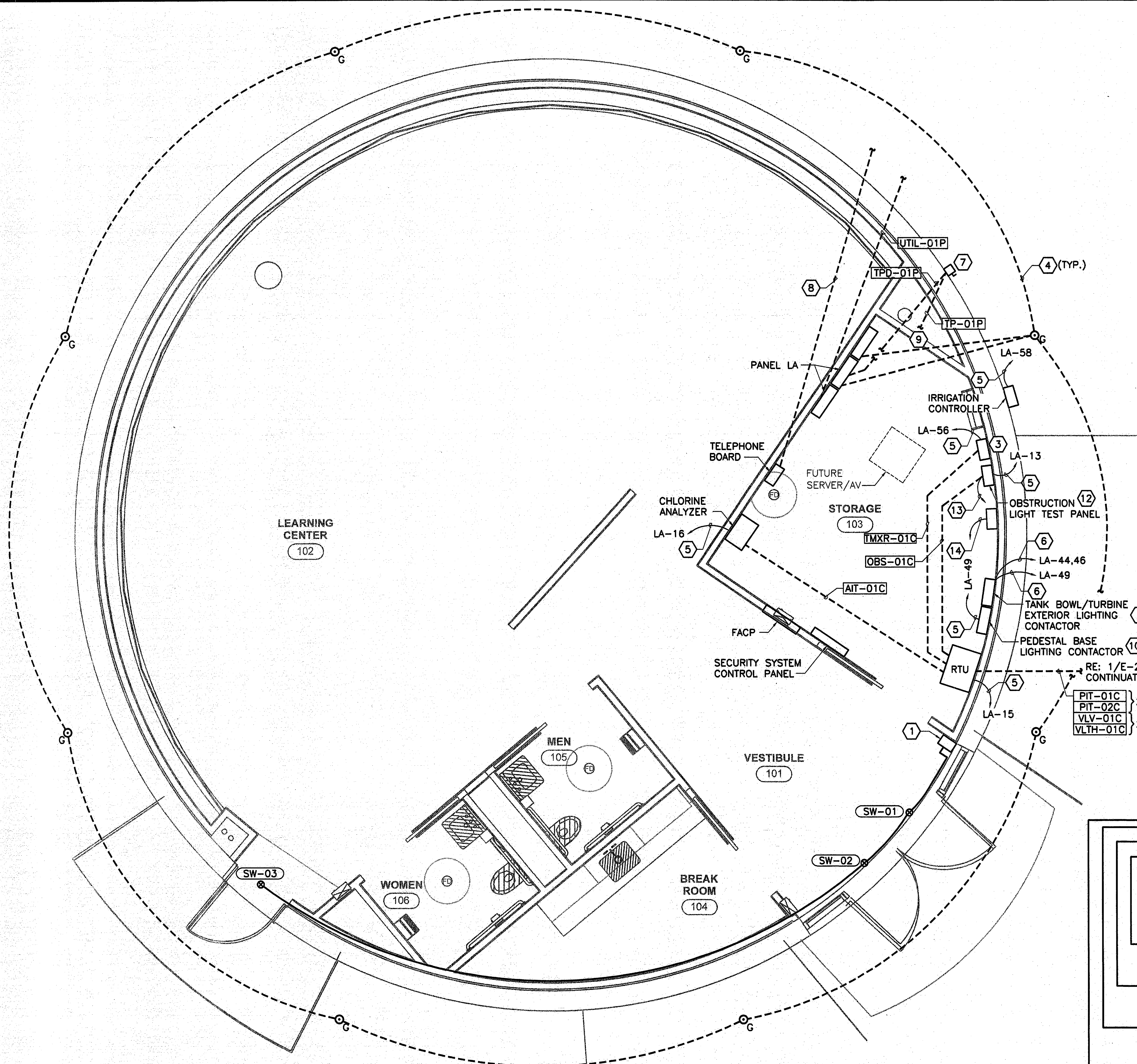


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 Jan 18, 2011 - 6:46pm | LAYOUT: EL-ADD-PL-POWR.dwg | LAYOUT: EL-ADD-PL-POWR.dwg | User: jwm | Date: Jan 18, 2011 - 6:46pm
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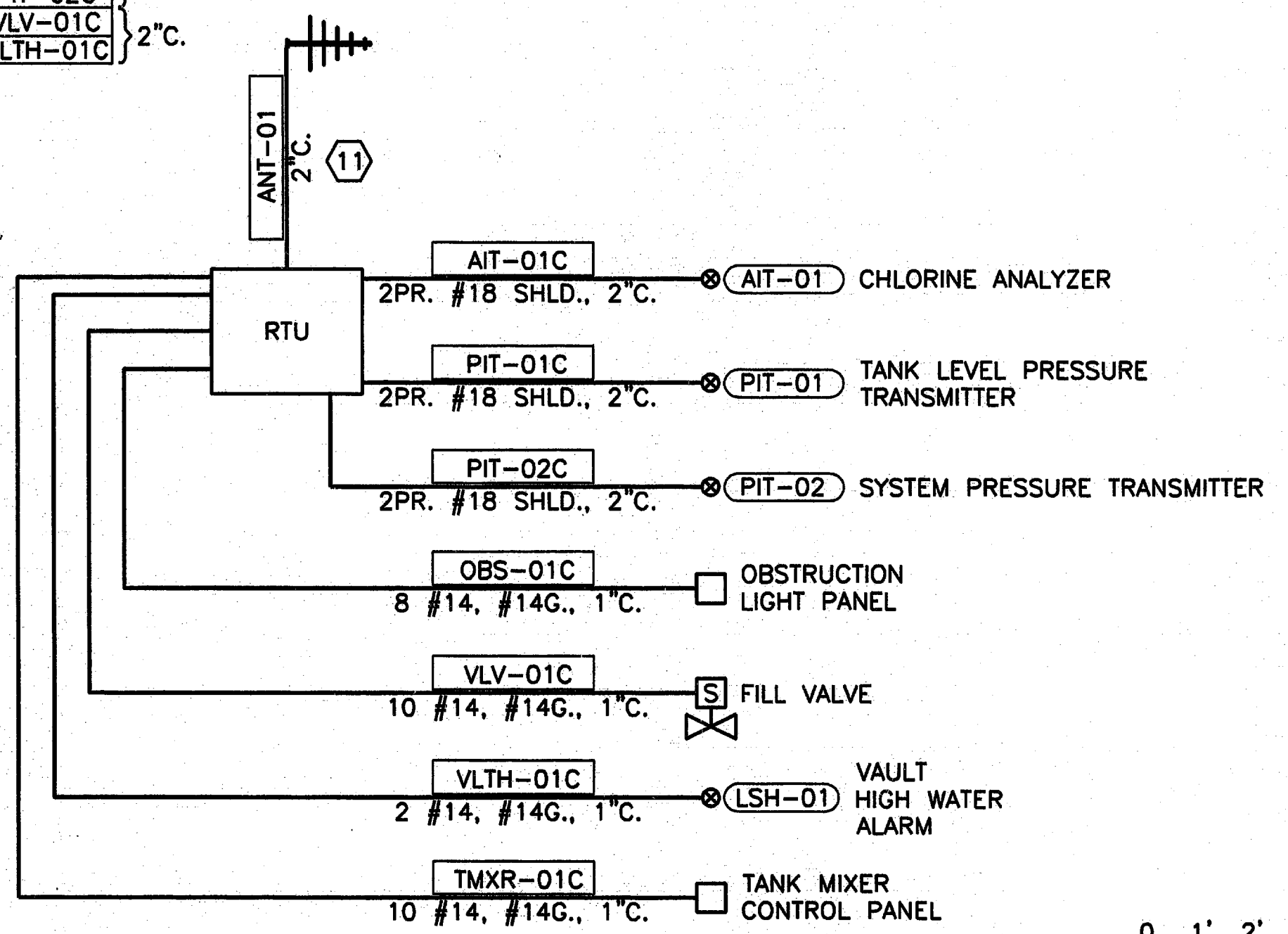
ELEVATED STORAGE TANK CLASSROOM POWER PLAN
 3/8"=1'-0"

GENERAL NOTES:

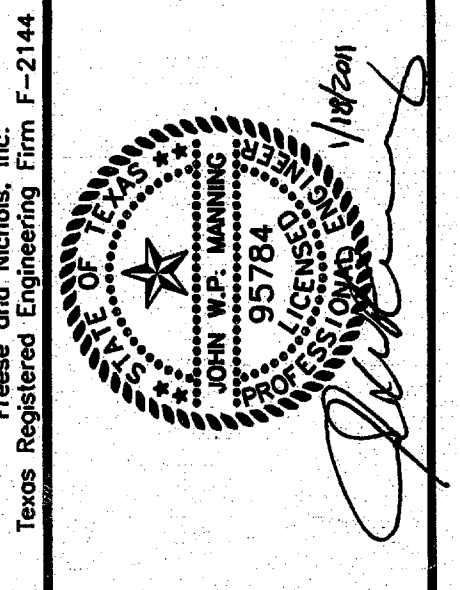
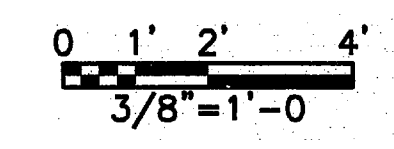
- INTERCONNECTION DIAGRAM SHOWS MINIMUM CONDUIT SIZES. CONTRACTOR SHALL ROUTE POWER, DISCRETE, ANALOG, AND COMMUNICATION IN SEPARATE CONDUITS BUT CAN COMBINE SAME TYPE SIGNAL CONDUCTORS.
- LIGHTING CIRCUITS REQUIRE PHOTOCELLS FOR OPERATION. CONTRACTOR SHALL LOCATE PHOTOCELLS ON NORTH SIDE OF PEDESTAL.
- SPARE CONDUITS ENTERING PEDESTAL BASE SHALL BE STUBBED OUT OF FLOOR 3" AND SHALL BE CAPPED. EACH CONDUIT SHALL BE IDENTIFIED WITH STAINLESS STEEL TAGS LABELING THE TERMINATION LOCATION OF THE OTHER END.

NOTES BY SYMBOL " "

- CONTRACTOR SHALL PROVIDE GEMINI P9600 SECURITY CONTROL PANEL. SECURITY SYSTEM SHALL BE INSTALLED BY BONDED AND CERTIFIED SECURITY SYSTEM COMPANY.
- PEDESTAL LIGHTING SHALL BE INCLUDED IN BID ALTERNATE ITEM NO.46.
- CONTRACTOR SHALL INSTALL TANK MIXER CONTROL PANEL. CONTRACTOR SHALL COORDINATE CONDUCTOR LENGTHS WITH MIXER SUPPLIER.
- PROVIDE BARE #2/0 GROUNDING CONDUCTOR.
- PROVIDE 2 #12, #12G., 3/4"C.
- PROVIDE 2 #10, #10G., 1"C.
- PROVIDE 240V, 3Ø, 4W, 400A, NF DISCONNECT LABELED PER ONCOR REQUIREMENTS.
- PROVIDE TWO 4" PVC CONDUITS TO PHONE PEDESTAL. COORDINATE PHONE PEDESTAL LOCATION WITH OWNER.
- CONTINUATION TO PANEL TP.
- PROVIDE LIGHTING CONTACTORS WITH LIGHTING CONTROLS PER SCHEMATICS.
- CONTRACTOR SHALL SIZE COAX BASED ON LINE LOSSES.
- PROVIDE OBSTRUCTION LIGHT TEST PANEL. PANEL SHALL BE CROUSE-HINDS OLC CATALOG NO.750005-3. PROVIDE 2 HOUR BATTERY BACK TO MAINTAIN POWER TO OBSTRUCTION LIGHT.
- PROVIDE 2 #10, #10G., 1"C. FROM CONTROL PANEL TO MIXER TERMINATION CABINET LOCATED ON TOP OF STORAGE TANK.
- PROVIDE 2" CONDUIT AND PULL STRING TO THE TOP OF THE BOWL FROM 24"W X 30"H X 12"D NEMA 12 ENCLOSURE. ENCLOSURE SHALL BE PROVIDED BY CONTRACTOR. PROVIDE 2 #12, #12G. TO DEDICATED CIRCUIT IN PANEL LA AND INSTALL RECEPTACLE INSIDE THE ENCLOSURE.



INTERCONNECTION DIAGRAM
 NOT TO SCALE



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TOWN OF ADDISON, TEXAS
SURVEYOR 1.5 MG EST
 ELECTRICAL
ELEVATED STORAGE TANK CLASSROOM POWER PLAN

NO.	ISSUE	DATE	BY	DESIGNED	DRAWN	CHECKED	FILE NAME
1		01/18/11	JWM	JWM	JAE	JAE	EL-ADD-PL-POWR.dwg

Bar is one inch on original drawing if not one inch on this sheet, adjust scale.

VERIFY SCALE

SHEET **E-3**

SEQ.