

OUTLETS
 DUPLEX RECEPTACLE
 JUNCTION BOX
 WALL JUNCTION BOX
 FULL (JUNCTION) BOX
 UNDERFLOOR JUNCTION BOX

	DISCONNECT SWITCH (fuse size shown)
	MAGNETIC STARTER (BY E/C U.O.N.)
	COMB. STARTER (BY E/C U.O.N.)
	PANELBOARD, SURFACE MOUNTED
	WEATHERHEAD
	UTILITY METER, AS REQUIRED
	CURRENT TRANSFORMERS
	GROUND CONNECTION PER N.E.C.
	WIREWAY
	ENCLOSED CIRCUIT BREAKER

\$ SINGLE-POLE SWITCH
\$_{TO} THERMAL OVERLOAD SWITCH
\$_M MANUAL MOTOR SWITCH

MECHANICAL

	SINGLE PHASE MOTOR
	THREE PHASE MOTOR

 DEMOLITION NOTE
 PLAN NOTE
 ADDENDUM NOTE

—○— STRIP FIXTURE

A	AMPS
AF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
B-	BOILER
BLDG	BUILDING
CND (C)	CONDUIT
CXCT	CIRCUIT
CXCT BKR	CIRCUIT BREAKER
CUH-	CABINET UNIT HEATER
DISC	DISCONNECT
DIU-H	DOMESTIC WATER HEATER
EC	ELECTRICAL CONTRACTOR
EMT	ELECTRICAL METALLIC TUBING
EXIST (E)	EXISTING
FLA	FULL LOAD AMPS
FLX	FLEXIBLE CONDUIT
FLR	FLOOR
FLUOR	FLUORESCENT

GFI	GROUND FAULT INTERRUPTER
GND	GROUND
HOA	HAND-OFF-AUTO SELECTOR SWITCH
HP	HORSEPOWER

JB	JUNCTION BOX
LT	LIGHT
LTG	LIGHTING
LT FLEX	LIQUID TIGHT FLEXIBLE METAL CON

MIN	MINIMUM
MLO	MAIN LUG ONLY
MT	MOUNT
MTD	MOUNTED
MTG	MOUNTING

NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE

PB	FULL BOX
PNL	PANEL
PVC	POLY VINYL CLORIDE
PWR	POWER

SPEC	SPECIFICATIONS
SW	SWITCH
SWBD	SWITCHBOARD
TYP	TYPICAL

UNO	UNDERWATERS LABORATORIES, INC. UNLESS NOTED OTHERWISE
V	VOLTS
VL	VERIFY LOCATION WITH OWNER

W/O	WITHOUT
WP	WEATHER PROOF

BY OTHERS

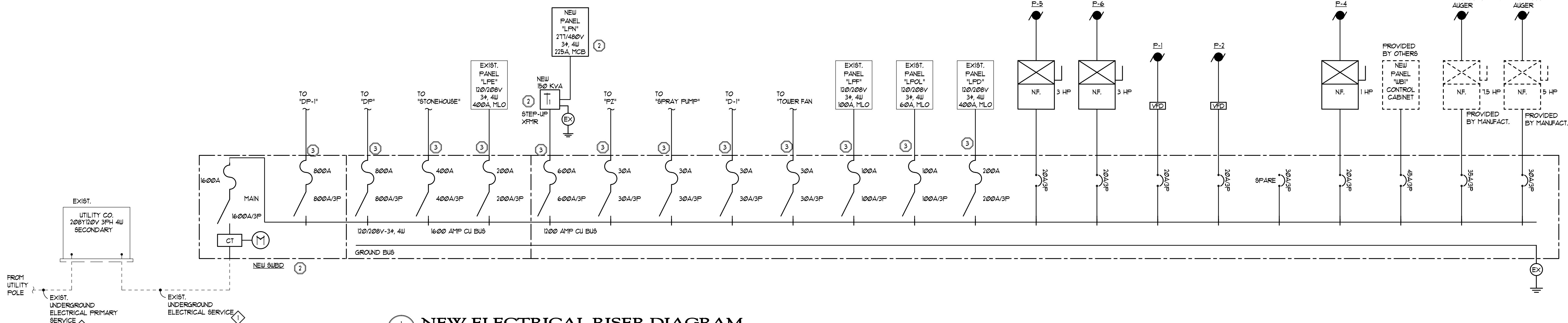
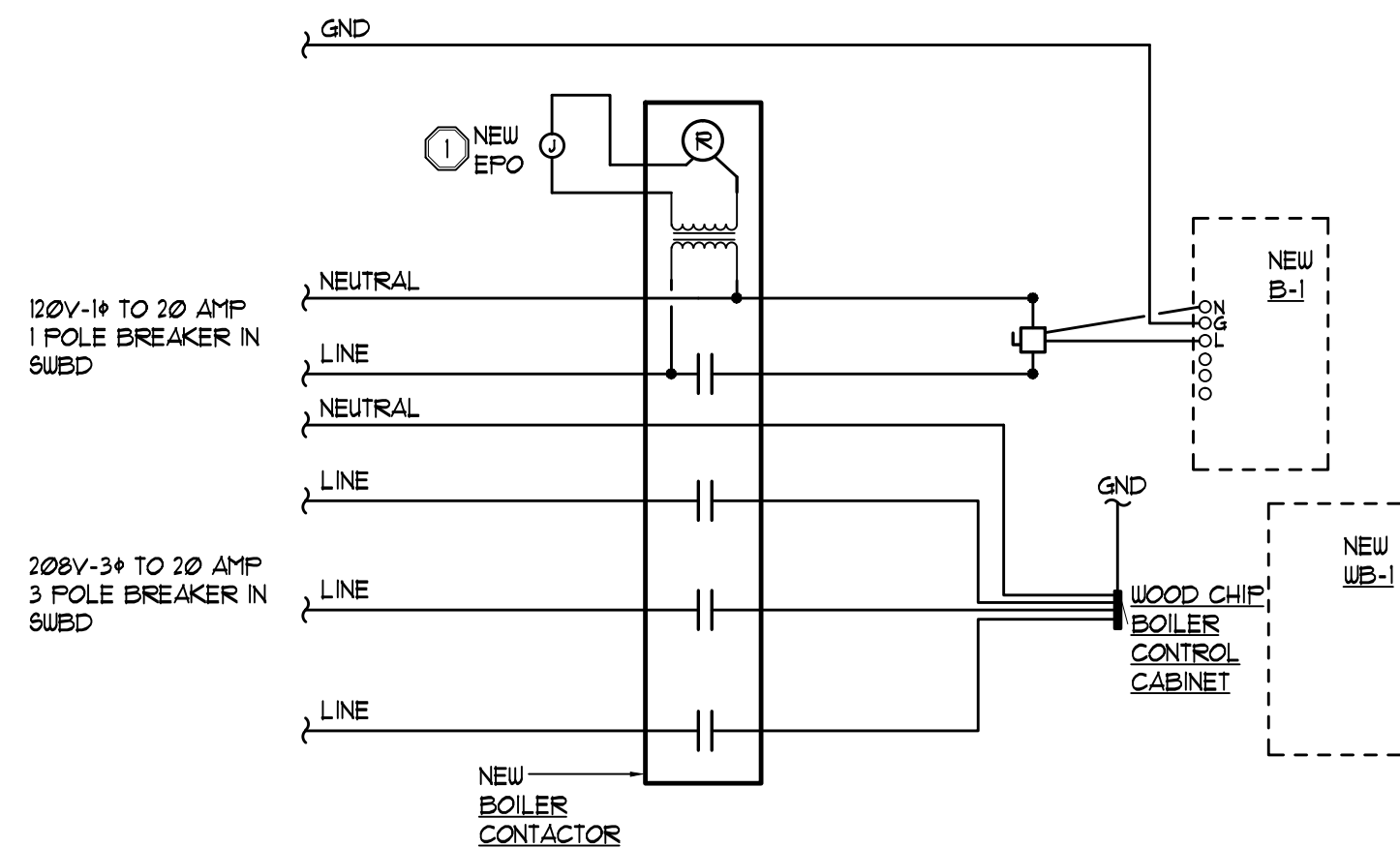
VOLTS: 208 /120 PHASE: 3 WIRE: 4 AMPS: 1600 MAIN: MFS

BREAKER		DESCRIPTION	CIRCUIT		PHASE LOADS				CIRCUIT		DESCRIPTION	BREAKER	
A	P		VA		A	B	C		VA	A		P	
800	3	EXIST. PNL "DP-1" OFFICE AREA		1	0		0		2		EXIST. PNL "DP" ROOF TOP	800	3
200	3	EXIST. PNL "LPE"		3	0		0		4		EXIST. XFMR "1" PNL "LPN"	600	3
30	3	EXIST. "P2"		5	0		0		6		EXIST. SPRAY PUMP	30	3
30	3	EXIST. "P1"		7	0		0		8		EXIST. TOWER FAN	30	3
100	3	EXIST. PNL "LPF"		9	0		0		10		EXIST. PNL "LPOL"	100	3
400	3	EXIST. PNL "LPD"		11	1319				12	1319	NEW P-5	20	3
20	3	NEW P-6		1319	13	2638		1319	14	1319	NEW P-1	20	3
20	3	NEW P-2		1319	15	1895		1319	16	576	NEW P-4	20	3
30	3	SPARE		17	4318		4318		18	4318	NEW WB-1 CONTROL CABINET	45	3
35	3	NEW CHIP RECEIVING BIN		3035	19	5134		3035	20	2099	SILO FEED AUGER	30	3
				21	0		0		22				
				23	0		0		24				
				25	0		0		26				
							0						
							0						
			CONNECTED		15304	15304	15304	TOTAL ADD'L LOAD		45912 VOLT-AMPS			
			TOTAL ADDITIONAL CONNECTED		45912					127.44 AMPS			

1. ALL WALL AND FLOOR PENETRATIONS ARE TO BE SEALED TO MAINTAIN ORIGINAL FINISH.
2. ALL CONDUITS TO BE FIELD ROUTED ALONG EXISTING PIPING AND STRUCTURAL STEEL.
3. THE DIVISION 26 CONTRACTORS SHALL VISIT THE PROJECT AND DETERMINE THE EXACT EXTENT OF THE DEMOLITION WORK REQUIRED BEFORE BIDDING THE PROJECT.
4. REMOVE ALL EXISTING OBSOLETE EXPOSED CONDUIT, WIRE AND UNUSED EQUIPMENT WHERE WORK IS BEING DONE EXCEPT ITEMS NOTED OTHERWISE.
5. WHERE BUILDING SURFACES ARE DAMAGED BY THE REMOVAL OF OLD WORK SURFACES SHALL BE PATCHED TO MATCH ADJACENT.
6. EXISTING WORK WHICH IS PRESENTLY CONCEALED AND WHICH WILL REMAIN CONCEALED, AND DOES NOT INTERFERE WITH ANY NEW WORK OF ANY TRADE NEED NOT BE REMOVED. HOWEVER, ALL CONDUIT SHALL BE CAPPED BELOW FINISH SURFACE AND THEN PATCHED TO MATCH, OR AS NOTED.
7. EXISTING OPENINGS, WHICH ARE TO BE REUSED, SHALL BE MODIFIED OR ENLARGED TO SUIT THE NEW SYSTEMS AS REQUIRED. PROVIDE ALL REQUIRED CUTTING AND PATCHING.
8. IF ASBESTOS IS PRESENT, IT WILL BE REMOVED OR RENDERED HARMLESS UNDER SEPARATE CONTRACT BY THE OWNER.
9. THE DIVISION 12 CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING THE EXISTING WALLS TO MATCH THE ADJACENT SURFACES BEHIND ALL SURFACE MOUNTED EQUIPMENT.
10. CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT VOLTAGES AND LOADS PRIOR TO INSTALLING SERVICE TO EQUIPMENT.
11. DRAWINGS ARE BASED ON EXISTING RECORD DOCUMENT AND CASUAL FIELD OBSERVATION. REPORT ANY DISCREPANCIES TO ENGINEER FOR CLARIFICATION.

1 COORDINATE RELOCATION OF EXISTING UNDERGROUND ELECTRICAL PRIMARY SERVICE WITH OWNER AND INSTALLATION OF NEW CHIP RECEIVING BIN.

- 1 PROVIDE NEW RED MUSHROOM STYLE EPO BUTTON WITH BREAK GLASS AND PROTECTIVE COVER.
- 2 PROVIDED AND INSTALLED BY OTHERS.
- 3 EXISTING FEEDS DISCONNECTED AND RECONNECTED BY OTHERS.



○

08.30.11
REVISION #1

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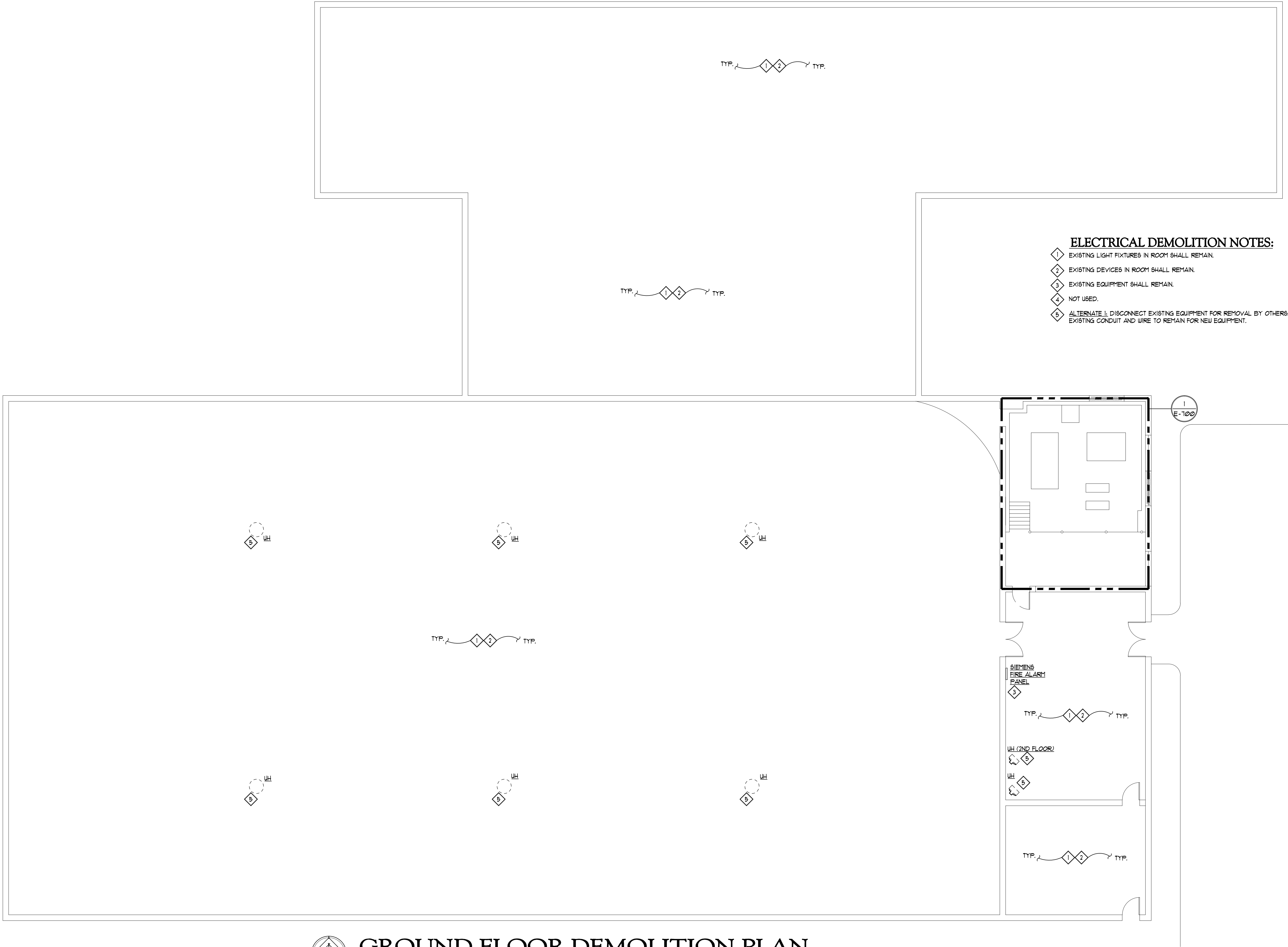
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**SYMBOLS,
NOTES,
ABBREV +
RISER**

6/16/11

0136 01

E-100



ELECTRICAL DEMOLITION NOTES:

- 1 EXISTING LIGHT FIXTURES IN ROOM SHALL REMAIN.
- 2 EXISTING DEVICES IN ROOM SHALL REMAIN.
- 3 EXISTING EQUIPMENT SHALL REMAIN.
- 4 NOT USED.
- 5 ALTERNATE 1: DISCONNECT EXISTING EQUIPMENT FOR REMOVAL BY OTHERS. EXISTING CONDUIT AND WIRE TO REMAIN FOR NEW EQUIPMENT.

REVISIONS	
08.30.11	REVISION #1

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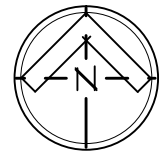
HVAC MODIFICATIONS

SHEET DESCRIPTION
GROUND
FLOOR
DEMOLITION
PLAN

DATE
6/16/11

PROJECT NUMBER
10136.01

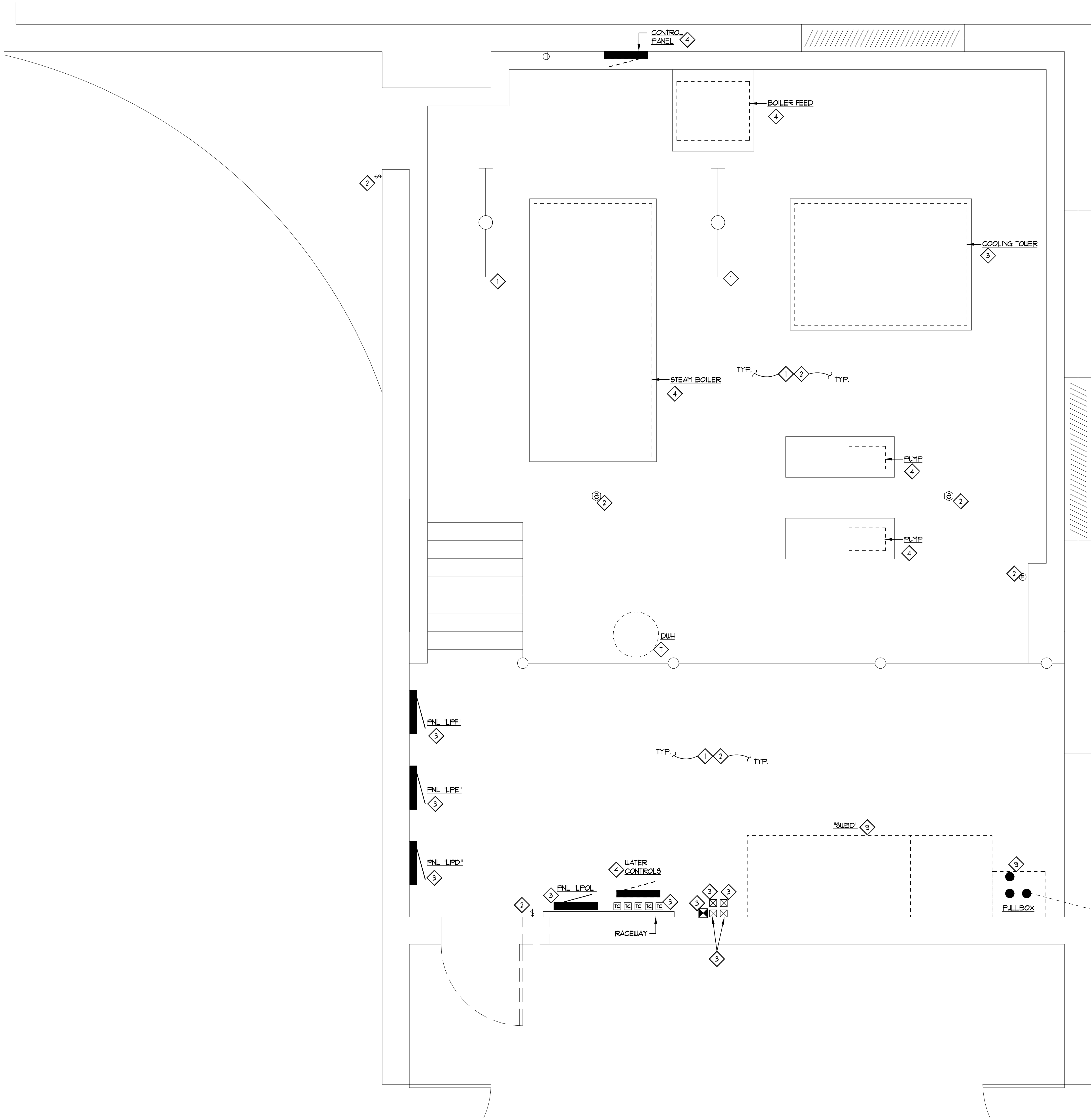
SHEET NUMBER
E-300



GROUND FLOOR DEMOLITION PLAN

0 5 10 20
SCALE: 1/8" = 1'-0"





1 ENLARGED BOILER ROOM - DEMOLITION PLAN
E-700 SCALE: 1/2"=1'-0"

ELECTRICAL DEMOLITION NOTES:

- EXISTING LIGHT FIXTURES IN ROOM SHALL REMAIN.
- EXISTING DEVICES IN ROOM SHALL REMAIN.
- EXISTING EQUIPMENT SHALL REMAIN.
- BASE BID: DISCONNECT EXISTING EQUIPMENT FOR REMOVAL BY OTHERS. DISCONNECT AND REMOVE ALL EXPOSED CONDUIT AND REMOVE ALL WIRE TO SOURCE.
- NOT USED.
- DISCONNECT AND REMOVE EXISTING STARTERS FOR PUMPS. DISCONNECT AND REMOVE ALL EXPOSED CONDUIT AND REMOVE ALL WIRE TO SOURCE.
- DISCONNECT EQUIPMENT FOR RELOCATION BY OTHERS. CONDUIT AND WIRE TO REMAIN.
- COORDINATE RELOCATION OF EXISTING UNDERGROUND ELECTRICAL PRIMARY SERVICE WITH OWNER AND INSTALLATION OF NEW CHIP RECEIVING BIN.
- EXISTING SWITCHBOARD DISCONNECTED, REMOVED AND REPLACED WITH NEW BY OTHERS. COORDINATE WORK IN THIS PROJECT WITH OWNER.

REVISIONS	
08.30.11	REVISION #1

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HVAC MODIFICATIONS

SHEET DESCRIPTION	
ENLARGED BOILER RM DEMOLITION PLAN	
DATE	
6/16/11	
PROJECT NUMBER	
10136.01	
SHEET NUMBER	
E-700	

