

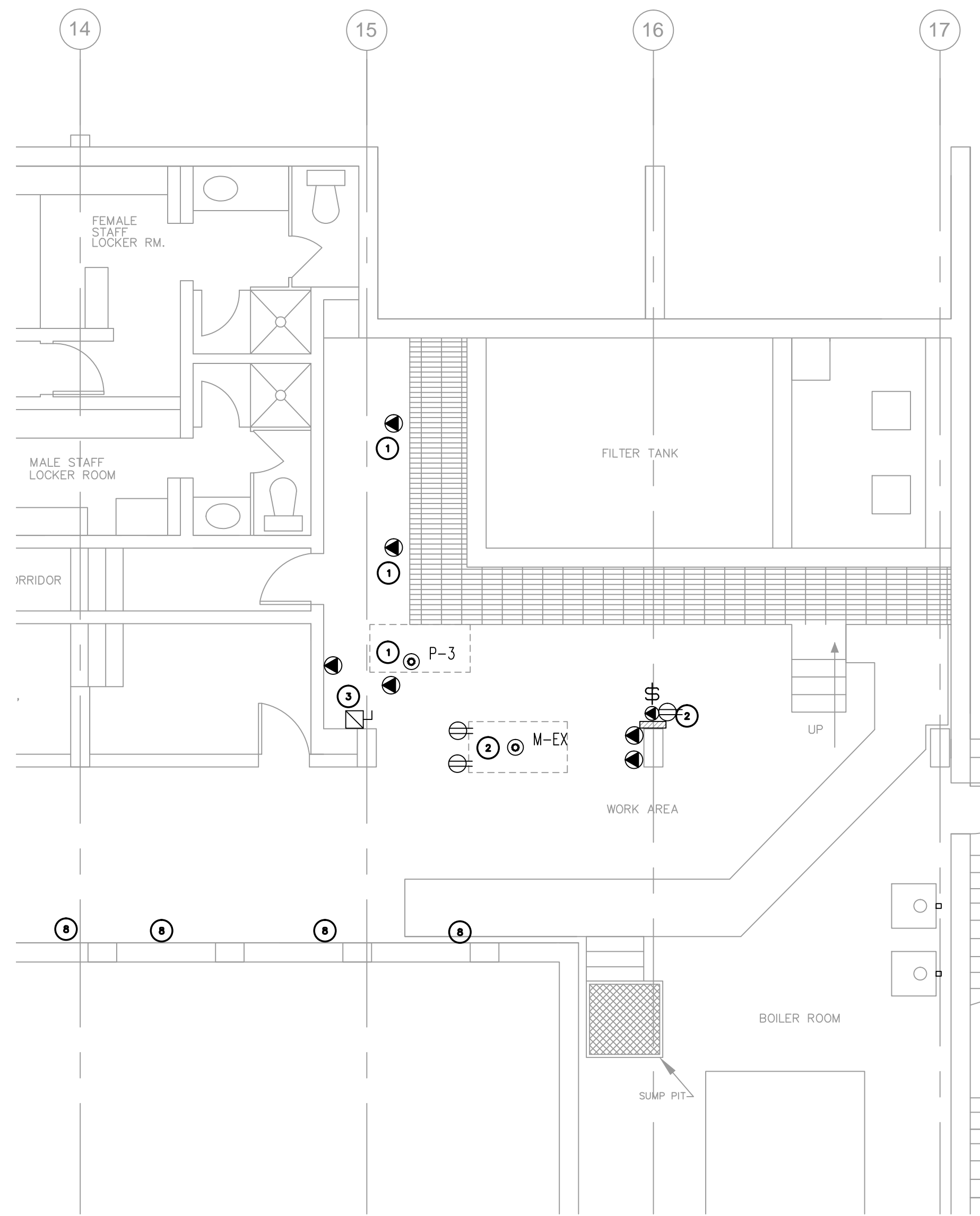
FILE NAME:

DATE: 2011.04.26

DESCRIPTION:

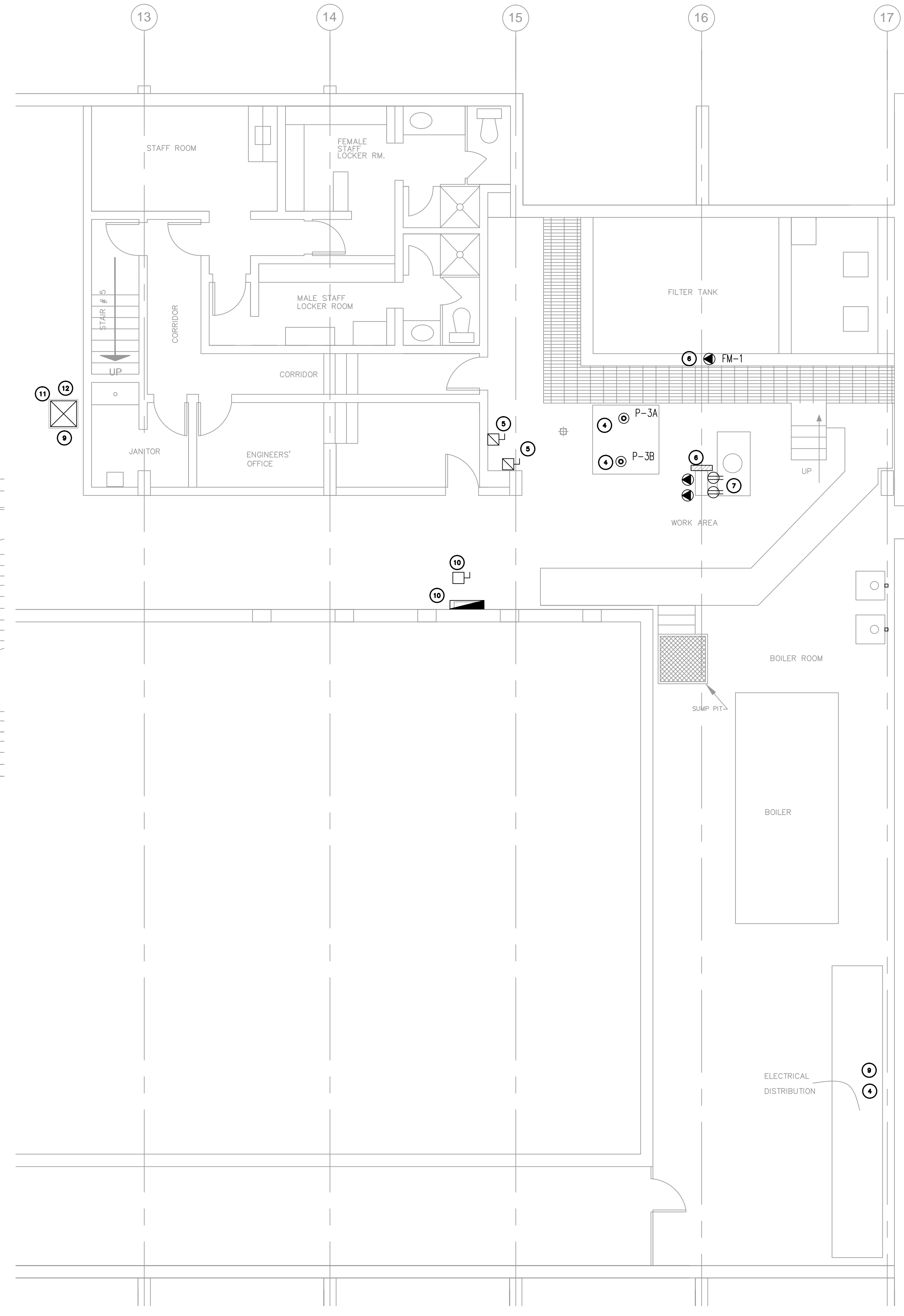
PROJECT No: 436-2011

ADDRESS: 444 ADSUM DRIVE



2 MECHANICAL ROOM PLAN - DEMO
E-1 SCALE: 3/16" = 1' - 0"

KEY NOTES:	
1	DISCONNECT EXISTING PUMP AND ASSOCIATED CONTROL DEVICES.
2	DISCONNECT EXISTING CHLORINATOR. EXISTING ASSOCIATED RECEPTACLES TO REMAIN.
3	DISCONNECT AND REMOVE EXISTING PUMP STARTER.
4	WIRE AND CONNECT NEW PUMP P-3A WITH 3#6 RW90 IN EMT FROM DISTRIBUTION PANEL 6SD-1 TO A NEW MOTOR STARTER. PROVIDE A 70 AMP, 3 POLE BREAKER C/W ALL MOUNTING HARDWARE IN 6SD-1. MOTOR STARTER TO BE ALSTART 22 ATS22D7556J WITH VENTILATED, GASKETED ENCLOSURE. PROVIDE SIMILAR EQUIPMENT AND CONNECTIONS FOR PUMP P-3B
5	WIRE AND CONNECT NEW PUMP P-3A FROM NEW STARTER WITH A 3c#6 TECK CABLE. PROVIDE SIMILAR CONNECTION FOR P-3B.
6	WIRE AND CONNECT NEW FLOW METER AND REMOTE DISPLAY. CONNECT TO EXISTING PANEL X. REMOVE EXISTING REDUNDANT EQUIPMENT TO MAKE SPACE FOR NEW DISPLAY.
7	RELOCATE EXISTING RECEPTACLES AND CONTROL WIRING TO NEW CHLORINATOR LOCATION.
8	RELOCATE EXISTING WET NICHE BALLAST AS REQUIRED TO MAKE SPACE FOR NEW EQUIPMENT.
9	WIRE AND CONNECT A NEW 600-480 VOLT, 3PHASE 15KVA TRANSFORMER (TR-UV) TO A NEW 20 AMP 3POLE BREAKER IN DISTRIBUTION PANEL 6SD-1 WITH 3#10 RW90 IN EMT. GROUND TRANSFORMER TO MAIN BUILDING GROUND WITH A #6 AWG CU CABLE.
10	WIRE AND CONNECT UV CONTROL PANEL TO A FUSED DISCONNECT SWITCH CONNECTED TO THE SECONDARY SIDE OF TR-UV. CONNECT BOTH WITH A 3c#10 TECK CABLE. FUSE CONTROL PANEL AS RECOMMENDED BY UV EQUIPMENT MANUFACTURER.
11	WIRE AND CONNECT UV UNIT TO CONTROL PANEL WITH A 3c#10 TECK CABLE.
12	PROVIDE 4" CONCRETE HOUSEKEEPING PAD FOR MOUNTING OF TR-UV.



2 MECHANICAL ROOM PLAN - RENO
E-1 SCALE: 3/16" = 1' - 0"

NOTES :

ELECTRICAL SYMBOL LEGEND	
	LUMINAIRE, FLUORESCENT 2x4
	LUMINAIRE, FLUORESCENT 1x4
	LUMINAIRE; INCANDESCENT, COMPACT FLUORESCENT, H.I.D. RECESSED, SURFACE OR PENDANT MOUNT, SUSPENDED FIXTURE
	LUMINAIRE, INCANDESCENT, COMPACT FLUORESCENT, H.I.D., WALL MOUNT
	SWITCH, SINGLE-POLE: a,b,c,d = LUMINAIRE SWITCH DESIGNATION
	SWITCH, TWO SINGLE POLE IN 2-GANG BOX
	PHOTOCELL, WALL MOUNT, WEATHERPROOF, FACING NORTH
	MOTOR STARTER - MAGNETIC
	MOTOR STARTER - MANUAL
	MOTOR STARTER - COMBINATION
	POWER PANEL, SURFACE MOUNTED
	CONTROL PANEL, SURFACE MOUNTED
	DUPLEX RECEPTACLE DESCRIPTORS: a = MOUNTED ABOVE COUNTER GFI = GROUND FAULT INTERRUPTER WP = WEATHER PROOF
	RECEPTACLE, DESIGNATED SERVICE; SEE DWG. SCHEDULE
	BOX, JUNCTION
	MOTOR CONNECTION, PROVIDE REQUIRED DEVICE
	MOTOR EQUIPMENT DISCONNECT



NO.	REVISION/DESCRIPTION	BY	DATE
3	ADDENDUM #1	KO	11.06.03
2	RE-ISSUED FOR TENDER	KO	11.19.05
1	ISSUED FOR TENDER	KO	11.08.05



DRAWN BY	CHECKED BY	APPROVED BY
KOLO	KO	KO

CITY OF WINNIPEG
PLANNING, PROPERTY AND
DEVELOPMENT DEPARTMENT
CIVIC ACCOMMODATIONS DIVISION
300 - 65 GARRY ST. R3C 4K4

PROJECT
SEVEN OAKS POOL
PUMP REPLACEMENT

444 ADSUM DRIVE

SHEET TITLE
MECHANICAL ROOM
ELECTRICAL WORKS

SCALE	PROJECT NO.	SHEET NO.
AS NOTED	436-2011	E-1