ELECTRIC DUCT HEATER

						HEATING SECTION			ELECTRICA	L		
MARK	MANUFACTURER	TYPE	WIDTH (IN.)	LENGTH (IN.)	AIRFLOW CFM	ELECTRIC HEAT (KW)	STAGES	VOLT/PHASE	FLA	WIRE SIZE	UNIT WT (LBS)	NOTES
EDH-1	INDEECO	QUZ	14	14	900	27.0	3	460/3	40.0	8	???	(1) (2)

- (1) HEATER SHALL BE INTERLOCKED WITH SUPPLY FAN, SF-1, TO ENERGIZE ONLY WITH FAN IN OPERATION.
- (2) PROVIDE HEATER WITH PROPORTIONAL ELECTRONIC SCR CONTROLLER, AND DUCT MOUNTED THERMOSTAT SET AT 65 DEG F. (ADJ.)
- (3) PROVIDE AUTOMATIC AND MANUAL REST THERMAL CUTOUTS, DIFFERENTIAL PRESSURE AIRFLOW SWITCH, MAGNETIC CONTACTORS, TRANSFORMER, AND DISCONNECT SWITCH.

SUPPLY FAN SCHEDULE

)												
MARK	MANUFACTURER	MODEL	CFM	E.S.P. (in WC)	MOTOR HP	RPM	VOLT/PHASE	DRIVE	AREA SERVED	WEIGHT(LBS.)	TYPE	NOTES
SF-1	GREENHECK	BSQ-100-3	900	0.8	1/3	1697	115/1	BELT	PROCESS OPS CENTER FUME HOOD	146	IN-LINE	(1) THRU (7)

- (1) PROVIDE HIGH EFFICIENCY MOTOR WITH THERMAL OVERLOAD.
- (2) PROVIDE AUTOMATIC BELT TENSIONER.

LOUVER SCHEDULE

- (3) PROVIDE HANGING VIBRATION ISOLATOR (NEOPRENE) KIT.
- (4) PROVIDE DISCONNECT SWITCH.
- (5) PROVIDE SLOPED FILTER BOX WITH 2 IN. ALUMINUM FILTERS.
- (6) PROVIDE INSULATED FAN HOUSING AND MOTOR COVER. (7) PROVIDE ELECTRICAL INTERLOCK WITH EF-1 FOR SIMULTANEOUS OPERATION.

				MAX.							
MARK	MANUFACTURER	MODEL	AIRFLOW (CFM)	A.P.D. (inWC)	SIZE (W"xH")	MIN. FREE AREA (SQ. FT.)	VELOCITY (FPM)	TYPE	MATERIAL	HVAC UNIT SERVED	NOTES
L-1	RUSKIN	L375D	80	0.01	12x12	0.35	229	STATIONARY DRAINABLE	GALV. STEEL	FURNACE F-1	(1) THRU (4)
L-2	RUSKIN	L375D	160	0.01	16x12	0.49	327	STATIONARY DRAINABLE	GALV. STEEL	FURNACE F-2	(1) THRU (4)
L-3	RUSKIN	L375D	60	0.01	12x12	0.35	172	STATIONARY DRAINABLE	GALV. STEEL	FURNACE F-3	(1) THRU (4)
L-4	RUSKIN	L375D	610	0.03	24x18	1.26	484	STATIONARY DRAINABLE	GALV. STEEL	EXHAUST FAN EF-2	(1) THRU (4)
L-5	RUSKIN	L375D	900	0.03	24x24	1.75	514	STATIONARY DRAINABLE	GALV. STEEL	SUPPLY FAN SF-1	(1) THRU (4)

- (1) PROVIDE FACTORY PRIMER PAINT. CONTRACTOR SHALL PAINT LOUVER TO MATCH COLOR OF ADJACENT WALL.
- (2) PROVIDE 120V MOTORIZED DAMPER INTERLOCKED WITH UNIT LOUVER SERVES. DAMPER SHALL BE FULLY OPEN DURING OCCUPIED HOURS.
- (3) PROVIDE 1/4" WIRE MESH BIRD SCREEN.
- (4) PROVIDE STANDARD FRAME CONSTRUCTION.

ERAL DATA ELEVATION (FT) AREA SERVED MOUNTING TYPE SYSTEM TYPE REFRIGERANT SEER OR UNIT DATA MARK MANUFACTURER MODEL COOLING AIRFLOW (MAX, WET COIL) FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	5420 IT ROOM WALL-MOUNTED COOLING ONLY R-410A 13.5 DSFC-1 MITSUBISHI PKA-A24FA 635 DIRECT 24 18.7 80/67
ELEVATION (FT) AREA SERVED MOUNTING TYPE SYSTEM TYPE REFRIGERANT SEER OR UNIT DATA MARK MANUFACTURER MODEL COOLING AIRFLOW (MAX, WET COIL) FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	IT ROOM WALL-MOUNTED COOLING ONLY R-410A 13.5 DSFC-1 MITSUBISHI PKA-A24FA 635 DIRECT 24 18.7
AREA SERVED MOUNTING TYPE SYSTEM TYPE REFRIGERANT SEER OR UNIT DATA MARK MANUFACTURER MODEL COOLING AIRFLOW (MAX, WET COIL) FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	IT ROOM WALL-MOUNTED COOLING ONLY R-410A 13.5 DSFC-1 MITSUBISHI PKA-A24FA 635 DIRECT 24 18.7
MOUNTING TYPE SYSTEM TYPE REFRIGERANT SEER OR UNIT DATA MARK MANUFACTURER MODEL COOLING AIRFLOW (MAX, WET COIL) FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	WALL-MOUNTED COOLING ONLY R-410A 13.5 DSFC-1 MITSUBISHI PKA-A24FA 635 DIRECT 24 18.7
SYSTEM TYPE REFRIGERANT SEER OR UNIT DATA MARK MANUFACTURER MODEL COOLING AIRFLOW (MAX, WET COIL) FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	DSFC-1 MITSUBISHI PKA-A24FA 635 DIRECT 24 18.7
REFRIGERANT SEER OR UNIT DATA MARK MANUFACTURER MODEL COOLING AIRFLOW (MAX, WET COIL) FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	R-410A 13.5 DSFC-1 MITSUBISHI PKA-A24FA 635 DIRECT 24 18.7
SEER OR UNIT DATA MARK MANUFACTURER MODEL COOLING AIRFLOW (MAX, WET COIL) FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	DSFC-1 MITSUBISHI PKA-A24FA 635 DIRECT 24 18.7
MARK MANUFACTURER MODEL COOLING AIRFLOW (MAX, WET COIL) FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	MITSUBISHI PKA-A24FA 635 DIRECT 24 18.7
MANUFACTURER MODEL COOLING AIRFLOW (MAX, WET COIL) FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	MITSUBISHI PKA-A24FA 635 DIRECT 24 18.7
MODEL COOLING AIRFLOW (MAX, WET COIL) FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	PKA-A24FA 635 DIRECT 24 18.7
COOLING AIRFLOW (MAX, WET COIL) FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	635 DIRECT 24 18.7
FAN DRIVE TYPE TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	DIRECT 24 18.7
TOTAL COOLING CAPACITY (MBH) SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	24 18.7
SENSIBLE COOLING CAPACITY (MBH) ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	18.7
ENT. AIR TEMP (deg F DB/WB) INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	
INDOOR UNIT VOLTAGE/PHASE INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	80/67
INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	
INDOOR UNIT MCA INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	208-230/1
INDOOR UNIT FAN MOTOR (AMPS) INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	1
INDOOR UNIT WEIGHT (LBS) DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	0.43
DENSING UNIT DATA MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	
MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	53
MARK MANUFACTURER MODEL FAN MOTOR (AMPS)	
MANUFACTURER MODEL FAN MOTOR (AMPS)	DSCU-1
MODEL FAN MOTOR (AMPS)	MITSUBISHI
FAN MOTOR (AMPS)	PUY-A24NHA
	0.75
OUTDOOR AIR TEMP @ MAX. CAPACITY	95
OUTDOOR HAIT VOLT/DUASE	209 270 /4
OUTDOOR UNIT VOLT/PHASE	208-230/1
OUTDOOR UNIT MCA	18
BREAKER SIZE (AMPS)	25
WEIGHT (LBS)	
WEIGHT (LDS)	167
	163

LOW AMBIENT OPERATION.

- (1) MOUNT UNIT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE WIRED THERMOSTAT. (2) PROVIDE CONDENSATE PUMP. ROUTE CONDENSATE TUBING TO DISCHARGE
- PER PLUMBING DRAWINGS. (3) SECURELY BOLT CONDENSING UNIT TO CONCRETE PAD SHOWN ON PLAN AND
- ENSURE UNIT IS INSTALLED LEVEL. (4) PROVIDE WIND BAFFLE FOR CONDENSING UNIT TO ALLOW FOR

EVIJATIOT EAN COLLECTION E

I F X H /	AUSI FAN S												
													NOTES:
MARK	MANUFACTURER	MODEL	CFM	E.S.P. (in WC)	MOTOR HP	RPM	VOLT/PHASE	DRIVE	AREA SERVED	WEIGHT (LBS.)	TYPE	NOTES	NOTES:
EF-1	GREENHECK	BSQ-120-3	1,290	0.500	1/3	1474	115/1	BELT	PROCESS OPS CENTER FUME HOOD	117	IN-LINE	(1) THRU (7)	(1) PROVIDE CONCENTRIC TERMINATION KIT.
EF-2	GREENHECK	CSP-A700	610	0.500	350 WATTS	1100	115/1	DIRECT	SHOWER/LOCKER/TOILETS	34	IN-LINE	(3)(4)(8)	(2) PROVIDE CONDENSATE FREEZE PROTECTION KIT.
													/->

- (1) PROVIDE HIGH EFFICIENCY MOTOR WITH THERMAL OVERLOAD.
- (2) PROVIDE AUTOMATIC BELT TENSIONER.
- (3) PROVIDE HANGING VIBRATION ISOLATOR (NEOPRENE) KIT .
- (4) PROVIDE DISCONNECT SWITCH. (5) PROVIDE HI-PRO POLYESTER COATING FOR FAN AND ACCESSORIES.
- (6) PROVIDE INSULATED FAN HOUSING AND MOTOR COVER.
- (7) PROVIDE ELECTRICAL INTERLOCK WITH SF-1 FOR SIMULTANEOUS OPERATION.
- (8) PROVIDE ELECTRICAL INTERLOCK WITH F-3 FOR SIMULTANEOUS OPERATION. FAN SHALL OPERATE DURING OCCUPIED HOURS.

- (1) PROVIDE CONCENTRIC TERMINATION KIT.
- (3) PROVIDE CONDENSATE NEUTRALIZER KIT.

SPLIT SYSTEM SCHEDULE

ELEVATION (FT)

AIRFLOW ACFM

OUTSIDE AIR ACFM

FAN MOTOR (HP)

MOTOR F.L. AMPS

DRIVE TYPE

REFRIGERANT

CARRIER MODEL

EXT. STATIC PRESS. (in WC)

ELECTRICAL, VOLTS / PHASE

NATURAL GAS INPUT (MBH)

COMBUSTION EFFICIENCY

NOMINAL COOLING CAPACITY, TONS

HEATING OUTPUT AT ALTITUDE (MBH)

HEIGHT (INCL. COOLING COIL), IN. WEIGHT (INCL. COOLING COIL), LBS.

COMPRESS. TYPE/REFRIG.

COOLING CAPACITY, NOMINAL

RLA / LRA (COMPRESSOR)

MCA / MAX FUSE SIZE

AMBIENT AIR TEMPERATURE, *F

CARRIER MODEL NO.

VOLTS / PHASE

WIDTH, IN. DEPTH, IN.

HEIGHT, IN.

SEER

CONDENSING UNIT MARK

CARRIER MODEL NO.

GENERAL DATA

SUPPLY FAN DATA

COOLING COIL DATA

GAS HEAT DATA

FILTER SECTION

GENERAL DATA

ELECTRICAL DATA

UNIT DATA

UNIT DATA

TYPE

WIDTH, IN. DEPTH, IN. **INDOOR UNIT MARK**

(4) PROVIDE BALL BEARING FAN MOTOR, COMP. START ASSIST CAPACITOR & RELAY, CRANKCASE HEATER, EVAP. FREEZE T-STAT, HARD SHUT-OFF TXV, MOTOR MASTER CONTROL OR LOW-AMBIENT PRESS. SWITCH, SUPPORT FEET, AND WINTER START CONTROL FOR LOW AMBIENT COOLING.

F-1

5,420

VERT. COND. FURNACE 59MN7A60V14--14

1,400

0.6

1/2

DIRECT

120 / 1

2 1/2 TON

R-410A

CNPVP3017ATA

33.4

EXTERNAL FILTER RACK

17.5

29.5

(1) (2) (3) (4) (7)

CU-1

AIR-COOLED

24ACB430A0030

2 1/2 TON

95

15.0

14.1 / 73

18.1 / 30

177

F-2

5,420

VERT. COND. FURNACE

59MN7A60V21--20

160

0.6

DIRECT

120 / 1

3 TON

R-410A

CNPVP3621ATA

EXTERNAL FILTER RACK

29.5

(1) (2) (3) (4) (7)

CU-2

AIR-COOLED

24ACB436A0030

3 TON

95

14.5

208 / 1

16.7 / 79

22 / 35

225

(5) (6) (7)

F-3

5,420

VERT. COND. FURNACE

59MN7A60V21--20

410

0.6

DIRECT 120 / 1

12.8

3 TON

R-410A

EXTERNAL FILTER RACK

29.5

(1) (2) (3) (4) (7)

CU-3

AIR-COOLED

24ACB436A0030

3 TON

95

14.5

208 / 1

16.7 / 79

22 / 35

35

36

225

(5) (6) (7)

CNPVP3621ATA

(5) PROVIDE 6" CONCRETE PAD. ATTACH CONDENSING UNITS TO CONCRETE WITH ANCHOR BOLTS, AT THE LOCATIONS PROVIDED

DATE ___

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MAY 2012

PROJECT NO. 20166.410

GMS FILE NO. 2599

- IN THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- (6) EQUIPMENT MANUFACTURER SHALL SIZE REFRIGERANT PIPING. ALLOW FOR 20 FT VERTICAL RUN. (7) ROUTE ALL CONDENSATE PIPING TO ADJACENT FLOOR DRAIN. REFER TO PLUMBNIG PLANS.

AIR [AIR DISTRIBUTION SCHEDULE													
MARK	MANUFACTURER	MODEL	TYPE	FACE SIZE	NECK SIZE	COLOR	FRAME	NOTES						
Α	TITUS	TDCA	SUPPLY	AS INDICATED	AS INDICATED	WHITE	SURFACE	(1)						
В	TITUS	50F	RETURN/EXHAUST	AS INDICATED	AS INDICATED	WHITE	SURFACE	(1)						
С	TITUS	300RS	SUPPLY	AS INDICATED	AS INDICATED	WHITE	WALL/DUCT	(1)						
D	TITUS	50F	RETURN	AS INDICATED	AS INDICATED	WHITE	WALL/DUCT	(1)						

NOTES: (1) OPPOSED BLADE DAMPER

ZONE IDENTIFICA	ATION			IMC 2009 - NOTE (2)	MC 2009 - NOTE (2)									
HVAC UNIT DESIGNATION	ROOM NUMBER	ROOM NAME	OCCUPANCY CLASSIFICATION	AREA (SF)	TABLE 403.3 PEOPLE OUTDOOR AIR RATE	TABLE 403.3 AREA OUTDOOR AIR RATE	TABLE 103.3 OCCUPANT DENSITY	BREATHING ZONE OUTDOOR AIRFLOW	TABLE 403.3.1.2 ZONE AIR DISTRIBUTION	ZONE OUTDOOR AIRFLOW	TABLE 403.3.2.3.2 SYSTEM VENTILATION EFFICIENCY	OUTDOOR AIR INTAKE FLOW	ZONE PRIMARY AIRFLOW FRACTION	PRIMARY OUTDOOR AIR FRACTION
					(CFM/PERSON)	(CFM/SF)	(#/1000 SF)	Vbz (CFM)	Ez	Voz (CFM)	Ev	Vot (CFM)	Vpz (CFM)	Zp=Voz/Vpz
										=Vbz/Ez		=Voz/Ev	(NOTE 1)	
F-1	N/A	OFFICE/WORKROOM/ENTRY	OFFICE SPACE	547	5	0.06	5	46.50	0.8	58.12	1	58	1300	0.04
F-2	N/A	PROCESS OPS CENTER	SCIENCE LABORATORIES	550	10	0.18	25	236.50	0.8	295.63	0.9	328	1800	0.16
F-3	N/A	STAFF WORK/SHOWER/TOILETS	OFFICE SPACE	662	5	0.06	5	56.27	0.8	70.34	1	70	1600	0.04
DSFC-1	N/A	SERVER ROOM	OFFICE SPACE	60	5	0.06	5	5.10	0.8	6.38	1	6	635	0.01
TOTALS				1,819				344		430		463	5,335	

- (1) THIS VALUE IS THE SUPPLY AIR (CFM) INDICATED BY THE LOAD CALCULATION PROGRAM.
- (2) CALCULATIONS ARE PER ASHRAE 62.1-2007 AND PER 2009 IMC 403.3.

BASE DWG: G:\
PLOT STYLE FILE: 1050C.CTB
FILENAME: G:\LFMSDD\20166\310\FROM PEC 08-15-12\MOP-2.DWG

	REVISIONS
Ξ	DESCRIPTION
012	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (OPERATIONS BUILDING)
012	ISSUED FOR CONSTRUCTION PER PPRBD PERMIT #135220 (OPERATIONS BLDG)

	MECHAN	ICAL SCHED	ULES	
HAROLD D	THOMPSON REC	SIONAL WATER	RECLAMATION	FACILITY

		METROPOLITAN		DSAL DISTRICT
DRAWN DESIGNED CHECKED	JE MK CF		MS, INC.	SHEET MOP-

CONSULTING ENGINEERS

611 N. WEBER, SUITE 300

