Exhaust Fan Schedule

Mark	Manufacturer	Model	Dimensions (LxWxH, in.)	Weight (Lbs)	Opening (Inches)	Service	Fan Data								Control	Remarks
							Type	CFM	S.P.	RPM	H.P.	B.H.P.	Drive	Volt/Ph/Hz.		
EF-1	Greenheck	CW-090-D	14x21x21	40	11x11	Pool Equipment	Wall	565	0.15	1550	1/15	.04	Direct	115/1/60	Wall Switch	1-4, 7
EF-2	Plastec	Storm 10	14x18x20	37	3	Acid Storage	Inline	100	0.5	1725	1/2		Direct	115/1/60	Emergency Switch	3-6
EF-3	Plastec	Storm 10	14x18x20	37	3	Chlorine Storage	Inline	100	0.5	1725	1/2		Direct	115/1/60	Emergency Switch	3-6
EF-4	Greenheck	CW-060-D	14x19x19	29	9x9	Men's Rest	Wall	150	0.1	1550	1/60	.02	Direct	115/1/60	Occ. Sensor	2-4, 7
EF-5	Greenheck	CW-065-D	14x19x19	29	9x9	Women's Rest	Wall	250	0.1	1550	1/30	.03	Direct	115/1/60	Occ. Sensor	2-4, 7
EF-6	Greenheck	SP-C50	8x8x4	9	3	Utility	Cabinet	50	0.15	625	38 W		Direct	115/1/60	Wall Switch	1-3

Remarks:

1. Provide factory exhaust grille
2. Provide integral disconnect switch.
3. Provide integral variable speed control switch.
4. Provide fan speed controller
5. Provide top horizontal fan discharge
6. Provide explosion resistant motor
7. Provide wall collar

Notes:

1. See specifications for additional material and installation requirements.
2. See control sequences for control requirements.

Exhaust Louver Schedule

Mark	Manuf.	Model	Dimensions (WxH, inches)	Service	Airflow CFM	Min. Free Area (ft.)	Face Vel. FPM	Remarks
EL-1	Greenheck	EHH-601D	18x7	Acid Storage	100	0.12	833	
EL-2	Greenheck	EHH-601D	18x7	Chemical Storage	100	0.12	833	

Notes:

1. Provide Permatector chemical and UV resistant finish or approved equal.
2. Provide bird screen.
3. Provide frame mounting.
4. Provide Florida Product Approval number for high velocity wind zones

Remarks:

1. Contractor shall field verify mounting substrate prior to ordering. Provide frame type to match substrate type.

Louver Schedule

Mark	Manuf.	Model	Dimensions (WxH, inches)	Service	Airflow CFM	Min. Free Area (ft.)	Face Vel. FPM	Remarks
OAL-1	Greenheck	EHH-601D	24x18	Pool Equip	565	1.07	528	1-4
OAL-2	Greenheck	ESJ-150	12x12	Acid Storage	100	0.36	278	1-4
OAL-3	Greenheck	ESJ-150	12x12	Chlorine Stor	100	0.36	278	1-4
OAL-4	Greenheck	ESJ-150	12x12	Men's Rest	150	0.36	417	1-4
OAL-5	Greenheck	ESJ-150	18x12	Women's Rest	250	0.56	446	1-4

Notes:

1. Provide Permatector chemical and UV resistant finish or approved equal.
2. Provide bird screen.
3. Provide frame mounting.
4. Provide Florida Product Approval number for high velocity wind zones

Remarks:

1. Contractor shall field verify mounting substrate prior to ordering. Provide frame type to match substrate type.

Exhaust Air Device Schedule

Mark	Max. Flow CFM	Neck Size in.	Mfg / Model	Module Size in.	Max. Total Pd. in. Wg.	Max NC	Remarks
EG-1	100	6x6	Titus / 50F	8x8	0.05	10	1
EG-2	250	8x8	Titus / 50F	10x10	0.10	19	1
EG-3	350	10x10	Titus / 50F	12x12	0.08	16	1
EG-4	550	12x12	Titus / 50F	14x14	0.08	19	1
EG-5	800	14x14	Titus / 50F	16x16	0.10	21	1
EG-6	1000	16x16	Titus / 50F	18x18	0.10	22	1
EG-7	1200	18x18	Titus / 50F	20x20	0.07	22	1
EG-8	1800	22x22	Titus / 50F	24x24	0.08	22	1

Remarks:

1. Provide opposed blade damper, aluminum construction, off-white finish, and .5"x.5"x.5" pattern.

Notes:

1. This is a standardized schedule, all diffusers listed may or may not apply to this project. See mechanical plans for specific diffuser requirements.
2. See Architectural plans for ceiling type. Provide lay-in mounting for acoustic tile ceilings, and surface mounting for drywall, plaster, and other ceiling types.
3. Provide fire-rated air devices in fire-rated ceilings (see plans). All dampers shall comply with NFPA 90A UL 555.

CONSTRUCTION DOCUMENTS

MEP
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Maitland, FL 32751
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GRAEF PROJECT #2009-4110

CAD DWG FILE: PLOT-M601-104110.DWG

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MECHANICAL SCHEDULES

MANATEE COUNTY – LINCOLN SPLASH PARK

501 17TH STREET EAST PALMETTO, FL 34221

REVISIONS:

PROJECT NO: 10-4110

DATE: 08.27.2010
DRAWN BY: CF
CHK'D BY: MR

Baltu Yorkos
LIC. NO. 60308

SHEET

M601