jill

Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

David B. Struhs
Secretary

May 16, 2005

By E-Mail
mmassaro@recyclingit.com

Mr. Mike Massaro
Taft Recycling, Inc.
148 Baywood Avenue
Longwood, Florida 32750

OCD-SW-05-0222

Orange County - SW
Taft Recycling, Inc. TS/MRF-WPF
DEP Permit No. SO48-0173968-005
Certification of Construction Completion

Dear Mr. Massaro:

This will acknowledge receipt of the *Certification of Construction Completion of a Solid Waste Management Facility*, dated May 5, 2005, by David L. Leggett, P.E. of HSA Golden, addressing the Taft Recycling Temporary Class I MRF.

Based an inspection by Gloria-Jean De Pradine on May 11, 2005, the Taft Recycling Temporary Class I MRF construction certified by the professional engineer of record has been completed, and is substantially consistent with the plans and specifications approved under DEP Permit No. SO48-0173968-005. Accordingly, the authorized Class I solid waste operations may proceed at this facility.

Neither this letter nor any prior agreement with the Department relieves you of the responsibility of complying with any applicable ordinances, rules, or laws of any local, county, state, or federal government entity.

Please contact me at 407-893-3329 if you have questions or need further information.

Sincerely,

James N. Bradner

James N. Bradner, P.E., Manager
Solid and Hazardous Waste Program

/jnb

cc: Bill Condron (bcondron@recyclingit.com)
David L. Leggett, P.E., (dleggett@hsagolden.com)
James Golden (jgolden@hsagolden.com)
Arnaldo Mercado, Orange County EPD (arnaldo.mercado@ocfl.net)

HSA Golden

225 East Robinson Street, Suite 100
Orlando, Florida 32801
Phone: 407 649-5475
Fax: 407 649-6582
Web: www.hsagolden.com

Date: May 5, 2005

Project No.: 04-297.010

TRANSMITTAL

To the Attention of: Mr. James Bradner, P.E.

Firm: Florida Department of Environmental Protection
3319 Maguire Blvd, Suite 232
Orlando, Florida 32803-3767

From: Mr. David Leggett, P.E.

Reference: Taft Recycling Temporary Class I MRF
Construction Certification

Enclosed please find:

Copies	*Description*
3	DEP Form #62-701.900(2)
3	As Built Plans for Taft Recycling
NOTES: Please schedule an inspection as soon as possible, Thank you.	

Copy to: File.

RECEIVED
MAY 05 2005
Central Dist. - DEP

DEP Form # 62-701.900(2)
Form Title Certification of Construction Completion
Effective Date May 19, 1994

DEP Application No. _____
(Filled by DEP)

Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

Certification of Construction Completion of a Solid Waste Management Facility

DEP Construction Permit No: SO48-0173968-005 County: Orange

Name of Project: Taft Recycling Temporary Class I MRF

Name of Owner: 7th Street Properties, LLC

Name of Engineer: David L. Leggett, P.E.

Type of Project: Temporary Class I MSW is existing building.

Cost: Estimate $ 250,000 Actual $ 200,000

Site Design: Quantity: 1000 ton/day Site Acreage: 9.8 Acres

Deviations from Plans and Application Approved by DEP: Inlet previously shown as existing near SE inside corner of building does not exist. Path of pipe from Inlet I has changed. New Inlet 2 under scale is pumped to leachate tank. Outside light near NW corner of building was not installed due to future expansion. Scale pit, and loader platforms added to tipping floor to allow more efficient truck and conveyor loading. Barrier wall location has moved.

Address and Telephone No. of Site: 473 7th Street; (407) 509-2196

Name(s) of Site Supervisor: Mike Massaro

Date Site inspection is requested: 05/06/05

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

Permit No. SO48-0173968-005 :Dated: March 24, 2005

Date: 5-5-05 David L. Leggett 5-5-05
Signature of Professional Engineer

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. B200
Jacksonville, FL 32256-7590
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33901-3881
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

Dayton® Medium and Heavy Duty Belt Drive Exhaust Fans

Description

Dayton medium and heavy duty belt drive exhaust fans are used in industrial exhaust ventilating systems in factories, warehouses, foundries, laundries, and cooling towers.

Available with a variety of motors up to 10 horsepower on medium volume and 20 horsepower on high volume fans. Efficient in duct installation up to 1" SP (Static Pressure). Self-aligning prelubricated ball bearing pillow blocks.

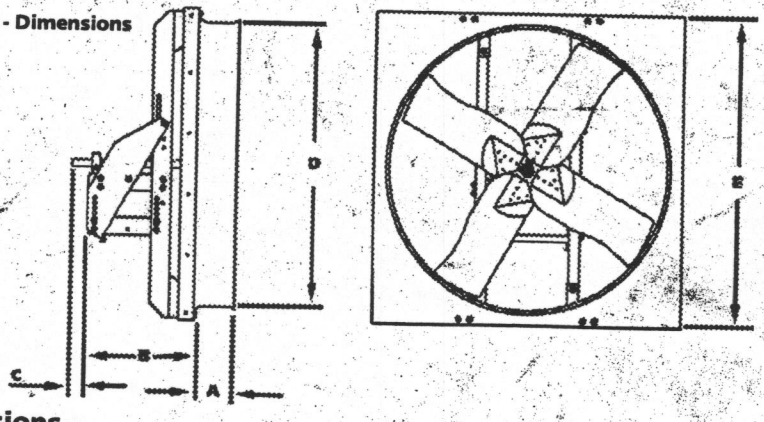
Statically balanced wing fabricated steel and cast aluminum propellers. Panel has fabricated steel angles vertically bolted to structure for rigidity.

NOTE: Motor, cast iron sheave, bushing, and belts are not included with the unit and must be ordered separately.

Optional Accessories:

Description	Size	Model No.
Wall Collar	24 - 42"	4YD01 - 4YD05
Wall Collar	48 - 60	6KG36 - 6KG38
Weather Hood	24 - 48	4YD06 - 4YD10
Weather Hood	54 - 60	6KG34 - 6KG35
Intake Guard	24 - 60	6D585 - 6D591
Wall Shutter	24 - 60	1C746, 1C065, 4C521, 1C210, 1C211, 3C115, and 3C116
Fan Shutter Motor 120/240V:		2C831, 2C832 and 4C885

Figure 1 - Dimensions



Dayton Electric Mfg. Co. certifies that the fans shown hereon are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Dimensions

Model	Propeller Dia.	Shaft Dia.	A	B	C	D	E	Shipping Weight (lbs.)
Medium Duty								
6KG20	24"	1"	5"	17"	2 3/4"	24 7/8"	28"	120
6KG21	30	1	5 3/4	17	2 3/4	30 7/8	34	137
6KG22	36	1 3/16	6 1/2	17	3	36 7/8	40	187
6KG23	42	1 3/16	7	19 3/4	2 7/8	42 7/8	46	236
6KG24	48	1 3/16	7	19 3/4	2 7/8	48 7/8	54	276
6KG25	54	1 7/16	7	23 3/4	3 5/8	55	60	326
6KG26	60	1 7/16	7	23 3/4	3 5/8	61	66	375
Heavy Duty								
6KG27	24"	1"	5"	17"	2 3/4"	24 7/8"	28	120
6KG28	30	1	5 3/4	17	2 3/4	30 7/8	34	137
6KG29	36	1 3/16	6 1/2	17	3	36 7/8	40	187
6KG30	42	1 3/16	7	19 3/4	3	42 7/8	46	236
6KG31	48	1 7/16	7	19 3/4	2 7/8	48 7/8	54	276
6KG32	54	1 11/16	7	23 3/4	3 1/2	55	60	326
6KG33	60	1 11/16	7	23 3/4	3 1/2	61	66	373

Form 5S4509

Printed in U.S.A.
05580
0901/143/VCPVP

12083101

Dayton®

ENGLISH

ESPAÑOL

FRANÇAIS

Dayton® Heavy Duty Belt Drive Exhaust Fans

Performance Heavy Duty Fans, Certified Sound and Air Licensed by AMCA*

Model ‡	Prop. Dia.	.000" SP CFM	.125" SP CFM	.250" SP CFM	.375" SP CFM	.500" SP CFM	.625" SP CFM	.750" SP CFM	1.00" SP CFM	Fan RPM	HP	Max. BHP†	Sones @ .250"
6KG27	24"	6159	5720	5248	4651	3757	2064	—	—	1325	1/2	0.58	21
		7051	6669	6272	5835	5281	4523	2907	—	1517	3/4	0.86	26
		7762	7416	7061	6684	6259	5720	5025	—	1670	1	1.15	31
		8878	8575	8269	7953	7619	7251	6819	5643	1910	1 1/2	1.73	39
6KG28	30	8769	7667	6443	4892	2891	—	—	—	980	3/4	0.79	29
		10335	9402	8449	7319	6077	3855	—	—	1155	1	1.22	33
		11275	10419	9557	8617	7500	6182	4165	—	1260	1 1/2	1.60	36
		13066	12326	11586	10834	10009	9048	8099	—	1460	2	2.29	47
		14908	14261	13613	12963	12298	11582	10767	9078	1666	3	3.45	60
6KG29	36	14595	12967	10984	6258	—	—	—	—	777	1	1.15	28
		16718	15313	13761	11720	6927	—	—	—	890	1 1/2	1.72	32
		18389	17118	15762	14168	12010	7144	—	—	979	2	2.30	36
		21057	19950	18805	17565	16118	14273	11017	—	1121	3	3.45	44
		24964	24033	23087	22105	21060	19912	18576	14976	1329	5	5.75	58
6KG30	42	20331	18103	15752	12745	6447	—	—	—	818	1 1/2	1.72	35
		22370	20341	18290	15816	12727	6488	—	—	900	2	2.34	39
		25601	23826	22063	20189	17929	15369	9523	—	1030	3	3.44	51
		30373	28875	27386	25898	24327	22531	20509	13637	1222	5	5.75	64
		34797	33489	32185	30890	29587	28228	26732	23270	1400	7 1/2	8.63	82
6KG31	48	25491	22893	19643	15016	7438	—	—	—	546	2	2.23	25
		30533	28484	25851	23184	19758	10062	—	—	654	3	3.44	34
		36229	34547	32578	30230	28002	25587	21690	—	776	5	5.74	46
		41458	40004	38408	36530	34445	32495	30532	24084	888	7 1/2	8.62	55
		45660	44346	42949	41361	39557	37662	35903	32115	978	10	11.51	65
6KG32	54	34004	30831	27100	21949	11218	—	—	—	543	3	3.06	35
		39139	36422	33416	29868	25113	14175	10703	—	625	5	4.57	43
		48344	46165	43888	41409	38656	35493	31517	—	772	7 1/2	8.61	62
		53229	51253	49219	47060	44723	42157	39269	30729	850	10	11.50	74
		60931	59209	57458	55645	53723	51705	49532	44574	973	15	17.25	94
6KG33	60	44408	40673	36244	30033	18243	13335	—	—	550	5	5.05	43
		54985	52011	48831	45147	40633	34185	23302	—	681	7 1/2	8.54	65
		60556	57865	55054	51942	48354	44045	38152	22558	750	10	11.54	85
		69537	67016	64615	62079	59306	56207	52608	42818	859	15	17.28	98
		76300	74177	72013	69776	67395	64816	61991	55259	945	20	23.00	110

(*)Performance shown in for installation type A, Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the air stream. The sound rating shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA standard 301. Values are for installation Type A, free inlet fan sone levels.

(†) Power rating (BHP) does not include drive or bearing losses.

(‡) Less motors and drives.

ENGLISH

Models 6KG27 thru 6KG33

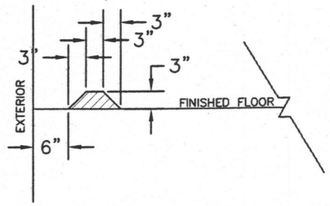
Drive Requirements for Heavy Duty Fans*

Fan Only			Motor Selection			Motor Sheave						
Model/Dia.	Motor HP	RPM	Single Phase	Three Phase	Fan Sheave	Single Phase	Motor Bushing	Three Phase	Motor Bushing	Fan Bushing	RMA** Belt	
6KG27 24"	1/2	1325	5K116	—	3X890	3X770	—	—	—	—	4L280	Open Dripproof Motor
	3/4	1517	5K117	—	3X588	3X880	—	—	—	3X576	4L290	
	1	1670	6K148	3KW25	3X809	3X887	—	3X889	—	—	4L300	
	1 1/2	1910	6K305	3KW28	3X591	3X790	—	6L062	—	3X576	4L370	
6KG28 30	3/4	980	5K117	—	3X590	3X817	—	—	—	3X576	4L310	
	1	1155	6K148	3KW25	3X589	3X837	—	3X872	—	3X576	6A140	
	1 1/2	1260	6K305	3KW28	3X589	3X887	—	3X889	—	3X576	1A095	
	2	1460	6K393	3KW31	3X592	3X815	—	3X815	—	3X576	5X995	
	3	1666	—	3KW34	3X591	—	—	3X590	3X577	3X576	6A154	
6KG29 36	1	777	6K148	3KW25	3X598	3X774	—	3X776	—	3X578	4L370	
	1 1/2	890	6K305	3KW28	3X598	3X778	—	3X889	—	3X578	3X620	
	2	979	6K393	3KW31	3X602	3X590	3X574	3X590	3X574	3X578	4L440	
	3	1121	—	3KW34	3X595	—	—	3X584	3X577	3X578	6L267	
	5	1329	—	3KW37	3X598	—	—	3X591	3X577	3X578	6A124	
6KG30 42	1 1/2	818	6K305	3KW28	3X599	3X841	—	3X873	—	3X578	6A121	
	2	900	6K393	3KW31	3X595	3X872	—	3X872	—	3X578	6A122	
	3	1030	—	3KW34	3X595	—	—	3X953	—	3X578	6X571	
	5	1222	—	3KW37	3X600	—	—	3X592	3X577	3X578	6L268	
	7 1/2	1400	—	3KW40	3X601	—	—	3X597	3X580	3X578	6L271	
6KG31 48	2	546	6K393	3KW31	3X608	3X814	—	3X814	—	3X581	6A148	
	3	654	—	3KW34	3X604	—	—	3X953	—	3X581	6L269	
	5	776	—	3KW37	3X608	—	—	2L283	2L242	3X581	3X639	
	7 1/2	888	—	3KW40	3X567	—	—	3X557	3X580	3X581	6L268(2)	
	10	978	—	3KW43	2L319	—	—	6L308	2L246	2L247	6L272(2)	
6KG32 54	3	543	—	3KW34	2L294	—	—	3X950	—	2L251	6A128	
	5	625	—	3KW37	2L320	—	—	2L299	3X483	2L251	6X876(2)	
	7 1/2	772	—	3KW40	2L321	—	—	2L307	2L246	2L251	3X639(2)	
	10	850	—	3KW43	2L321	—	—	3X564	3X580	2L251	1A104(2)	
	15	973	—	3KW46	2L321	—	—	2L314	2L250	2L251	6L277(2)	
6KG33 60	5	550	—	3KW37	2L321	—	—	3X538	—	2L251	6L243(2)	
	7 1/2	681	—	3KW40	2L321	—	—	3X559	3X580	2L251	6L275(2)	
	10	750	—	3KW43	2L319	—	—	2L330	2L246	2L251	2L416(2)	
	15	859	—	3KW46	2L320	—	—	2L308	2L250	2L251	2L420(2)	
	20	945	—	3KW49	2L346	—	—	2L337	2L250	2L251	2L421(3)	
6KG27 24"	1/2	1325	6K122	2N865	3X890	3X770	—	3X770	—	—	4L280	Totally Enclosed Motor
	3/4	1517	6K123	2N866	3X588	3X880	—	3X880	—	3X576	4L290	
	1	1670	6K562	3KW91	3X809	3X887	—	3X889	—	—	4L300	
	1 1/2	1910	5K565	3KW94	3X591	3X790	—	6L062	—	3X576	4L370	
6KG28 30	3/4	980	6K123	2N866	3X590	3X817	—	3X817	—	3X576	4L310	
	1	1155	6K562	3KW91	3X589	3X837	—	3X872	—	3X576	6A140	
	1 1/2	1260	5K565	3KW94	3X589	3X887	—	3X889	—	3X576	1A095	
	2	1460	1K067	3KW97	3X592	3X785	—	3X815	—	3X576	5X995	
	3	1666	5K967	3KX01	3X591	3X590	3X577	3X590	3X577	3X576	6A154	
6KG29 36	1	777	6K562	3KW91	3X598	3X774	—	3X776	—	3X578	4L370	
	1 1/2	890	5K565	3KW94	3X598	3X778	—	3X889	—	3X578	3X620	
	2	979	1K067	3KW97	3X602	3X788	—	3X590	3X574	3X578	4L440	
	3	1121	5K967	3KX01	3X595	3X584	3X577	3X584	3X577	3X578	6L267	
	5	1329	—	3KX04	3X598	—	—	3X591	3X577	3X578	6A124	
6KG30 42	1 1/2	818	5K565	3KW94	3X599	3X873	—	3X841	—	3X578	6A121	
	2	900	1K067	3KW97	3X595	3X837	—	3X872	—	3X578	6A122	
	3	1030	5K967	3KX01	3X595	3X953	—	3X953	—	3X578	6X571	
	5	1222	—	3KX04	3X600	—	—	3X592	3X577	3X578	6L268	
	7 1/2	1400	—	3KX07	3X601	—	—	3X597	3X580	3X578	6L271	
6KG31 48	2	546	1K067	3KW97	3X608	3X844	—	3X814	—	3X581	6A148	
	3	654	5K967	3KX01	3X604	3X953	—	3X953	—	3X581	6L269	
	5	776	—	3KX04	3X608	—	—	2L283	2L242	3X581	3X639	
	7 1/2	888	—	3KX07	3X567	—	—	3X557	3X580	3X581	6L268(2)	
	10	978	—	3KX09	2L319	—	—	2L308	2L246	2L247	6L272(2)	
6KG32 54	3	543	5K967	3KX01	2L294	3X950	—	3X950	—	2L251	6A128	
	5	625	—	3KX04	2L320	—	—	2L299	3X483	2L251	6X876(2)	
	7 1/2	772	—	3KX07	2L321	—	—	2L307	2L246	2L251	3X639(2)	
	10	850	—	3KX09	2L321	—	—	3X564	3X580	2L251	1A104(2)	
	15	973	—	3KV89	2L321	—	—	2L314	2L250	2L251	6L277(2)	
6KG33 60	5	550	—	3KX04	2L321	—	—	3X538	—	2L251	6L243(2)	
	7 1/2	681	—	3KX07	2L321	—	—	3X559	3X580	2L251	6L275(2)	
	10	750	—	3KX09	2L319	—	—	2L330	2L246	2L251	2L416(2)	
	15	859	—	3KV89	2L320	—	—	2L308	2L250	2L251	2L420(2)	
	20	945	—	3KV92	2L346	—	—	2L337	2L250	2L251	2L421(3)	

(*) Drive requirements show minimum motor HP required. Other drives may be used, provided they meet the fan RPM stated and have adequate load-carrying capacity.
(**) Rubber Manufacturer's Association

ENGLISH

05 MAY 2005



CURB DETAIL

LEGEND

CATCH BASIN (TYP) – NTS
(FDOT TYPE C)

N

0 10 20

RECEIVED
MAY 05 2005
Central Dist. - DEP

BASE PLANS SOURCE:
CLYDE EARL, JR. AND ASSOCIATES, INC.

HSA Golden
Environmental & Engineering Consultants
225 East Robinson Street
Suite 100
Orlando, Florida
32801
Tel: 407 649-5475
Fax: 407 649-6582

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, PLEASE ADJUST SCALE.

TAFT RECYCLING, INC.
ORANGE COUNTY, FLORIDA

WASTE PROCESSING FACILITY EXPANSION
LEACHATE COLLECTION SYSTEM
PLAN
AS - BUILT

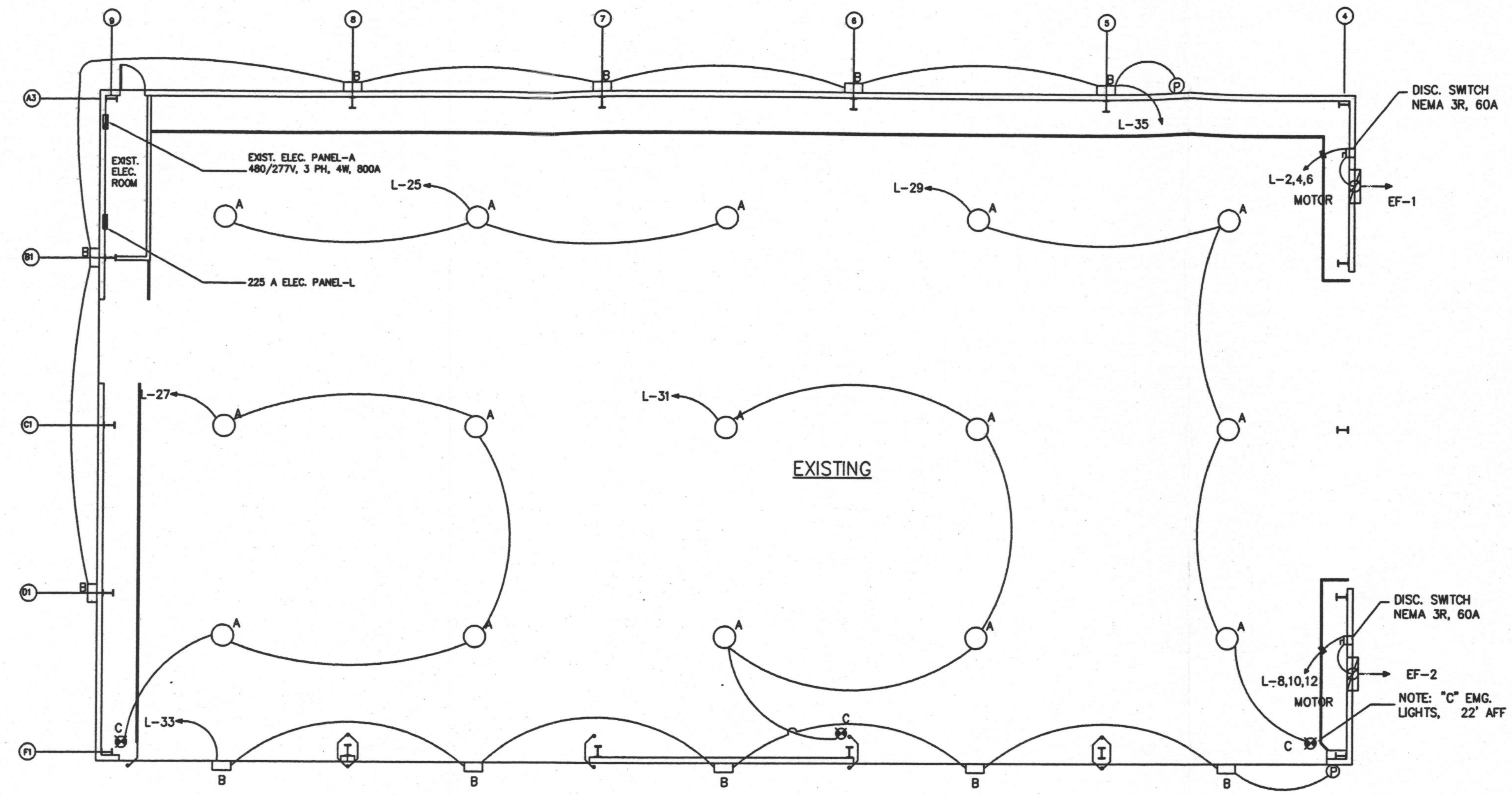
DATE	REVISIONS	REVISED	CHECKED

David L. Leggett, P.E.
P.E. No. 58667, FL
Engineering Business No. 9915
DATE 5-5-05

	BY	DATE
DESIGNED	JEG	05/05
DRAWN	DRD	05/05
CHECKED	DLL	05/05
QC APPROVAL	JEG	05/05

FILE: 04297010C01.DWG

PROJECT NO. 04-297.010
SCALE AS NOTED
C-6A
SHEET OF



ELECTRICAL LIGHTING & POWER PLAN

SCALE: 1/8"=1'-0"

clyde earls jr, & associates
interior designers, planners, and architects
p.o. box 453, altamonte springs, fl 32715
Member of: A.S.L.A., A.S.I.D., S.B.C.C.I., A.P.A., a.a.l.
PHONE/FAX: (407) 834-2584

SEVENTH STREET PROPERTIES
375 SEVENTH STREET
TAFT, FLORIDA

DRAWN: 2005-1 V.S.
CHECKED: C.E./D.P.
DATE: 12-30-04
SCALE: NOTED
JOB NO.: 17-04

ELECTRICAL LIGHTING PLAN

SHEET
E1
OF SHEETS

FAN SCHEDULE

FAN & EXHAUST FAN SCHEDULE

MARK	TYPE ①	DRIVE ②	SERVICE ③	LOCATION	INTERLOCKS	CONTROL	PERFORMANCE DATA				ELECTRICAL DATA				REMARKS
							AIR FLOW C.F.M.	EXTERNAL STATIC PRESS.INCHES H2O	MAX. RPM	MAX. SONES	MAX. HP.	VOLTS	PHASE	Hz	
EF-1	PEV	BD	EA	NORTH WALL	DAMPER	⑥	24,279	0.25	400	.25	3	460	3	60	④ ⑤
EF-2	PEV	BD	EA	NORTH WALL	DAMPER	⑥	24,279	0.25	400	.25	3	460	3	60	④ ⑤
EF-3															

FAN SCHEDULE NOTES:

① PEV – PROPELLER ENDWALL VENTILATOR

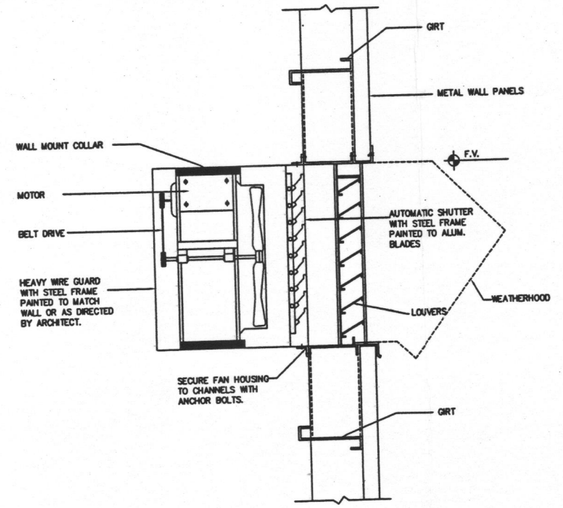
② BD – BELT DRIVE

③ EA. – EXHAUST AIR

④ ELEC. PANEL IN EXIST. ELEC. ROOM

⑤ BASIS OF DESIGN – GREENHECK MODEL SBE–24B–LMDX–QD– 3 H.P.

⑥ BASIS OF DESIGN – APPROVED EQUAL. PROVIDE "HAND–OFF–ON" SWITCH WITH FAN THERMOSTATIC ALLY CONTROLLED IN THE "AUTO" POSITION.



WALL MTD. PROPELLER EXHAUST FAN DETAIL 1/M2

N.T.S.

NOTE: EXHAUST FANS SHOULD BE WATERTIGHT IN ACCORDANCE WITH MBM RECOMMENDATIONS.

BY

REVISIONS

BY ARCHITECT

BY

REVISIONS

RECEIVED
MAY 05 2005
Central Dist. - DEP

clyde earls jr. & associates
interior designers, planners, and architects
p.o. box 453, altamonte springs, fl 32715
Member of: A.S.I.A., A.S.I.D., S.B.C.C.I., A.P.A., e.t.c.

SEVENTH STREET PROPERTIES
375 SEVENTH STREET
TAFT, FLORIDA

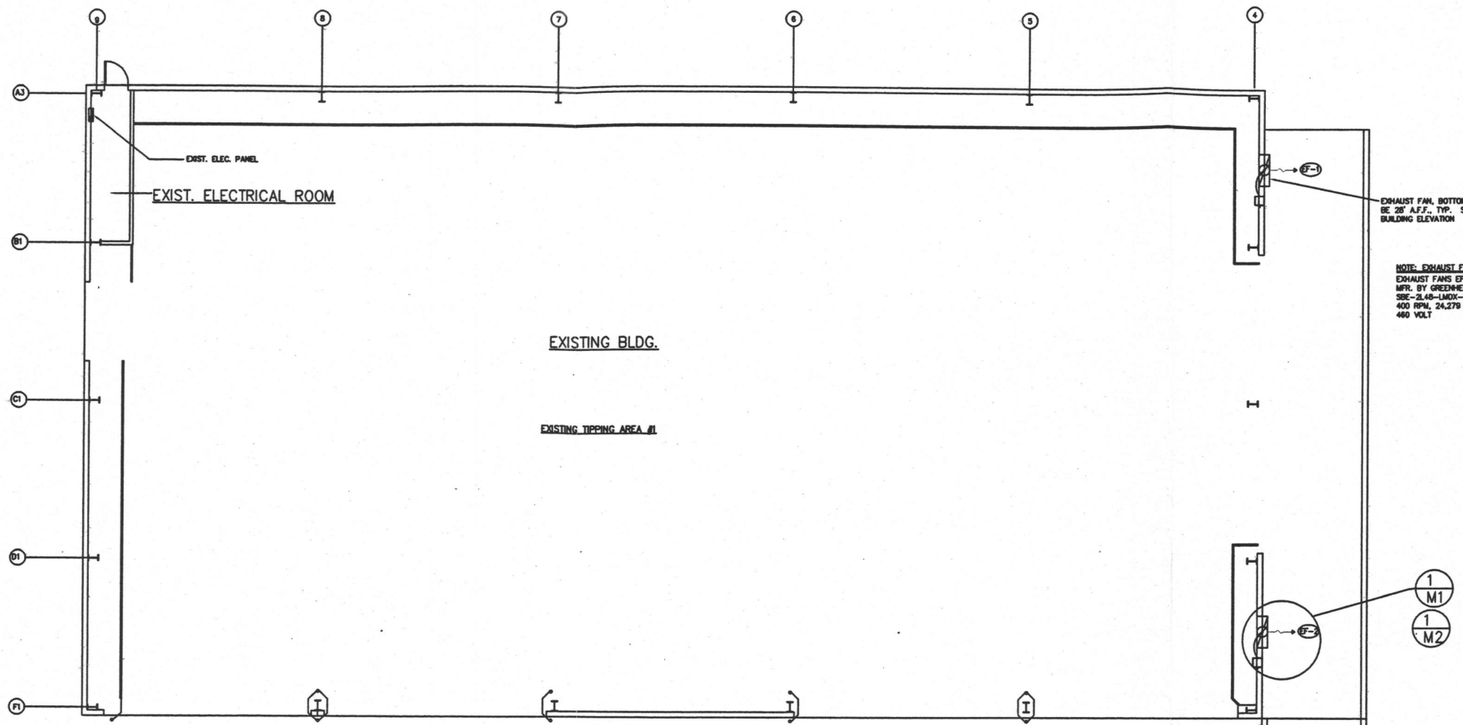
DRAWN: V.S.
CHECKED: C.E./D.P.
DATE: 12-30-04
SCALE: NOTED
JOB NO.: 17-04

FAN SCHEDULE & FAN DETAIL

SHEET

M2

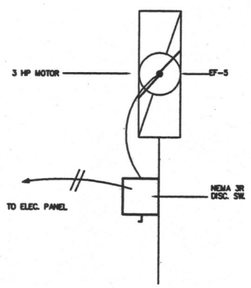
OF SHEETS



NOTE: EXHAUST FAN SPEC.
EXHAUST FANS EF-1 AND EF-2
MFR. BY GREENHECK, MODEL # SQE-24.45-UMDX-OD
400 RPM, 24,279 CFM, 3HP MOTOR
460 VOLT

MECHANICAL VENTILATION PLAN

SCALE: 1/8"=1'-0"



1/M1 DETAIL AT EXH. FAN

N.T.S.

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Member of: ASID, IBDCI, A.P.A. etc.

SEVENTH STREET PROPERTIES
375 SEVENTH STREET
TAFT, FLORIDA

DRAWN:	V.S.
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SCALE:	NOTED
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MECHANICAL VENTILATION PLAN

SHEET

M1

OF SHEETS