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JAN 14 2011

CONCRETE BATCHING PLANT
AIR GENERAL PERMIT REGISTRATION FORM Bureau of Air Monitoring & Mobile Sources

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

7775666-001

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s): _____
- No air operation permits currently exist for this facility.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Lodge Construction Inc, 2161 McGregor Blvd., Fort Myers, Fl 33901

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)

Site 1 Impoundment (L-40 canal Restoration Project -- USACOE)

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: 14795 Lox Road (North of West End Lox Road see location map and site plan.)
City: Boca Raton County: Palm Beach Zip Code: 33428

Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility)

February 14, 2011

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DEPA FORM 11

Owner/Authorized Representative

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Gerald Benock, Quality Control Manager Lodge Construction, Inc.

Owner/Authorized Representative Mailing Address

Organization/Firm:Lodge Construction Inc.

Street Address:2161 McGregor Blvd.

City:Fort Myers

County:Lee

Zip Code: 33901

Owner/Authorized Representative Telephone Numbers

Telephone:239-332-4371

Fax:239-332-0218

Cell phone (optional):941-769-0379

Facility Contact (If different from Owner/Authorized Representative)

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title:Gerald Benock

Facility Contact Mailing Address

Organization/Firm:Lodge Construction, Inc.

Street Address:14795 Lox Road

City:Boca Raton

County:Broward

Zip Code:33428

Facility Contact Telephone Numbers

Telephone:239-332-4371

Fax:239-332-0218

Cell phone (optional):941-769-0379

Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form.

Gerald T. Benock
Signature

1-10-11
Date

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2011 JAN 13 AM 9:25
REVENUE

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Signature

Date

2011 JAN 13 AM 9:25
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Type of Facility

Check one:
 Stationary Facility Relocatable Facility

Type(s) of Reasonable Precautions Used to Prevent Unconfined Emissions

Check all precautions to be used for the management of roads, parking areas, stock piles and yards:

<input type="checkbox"/> Pave Roads	<input type="checkbox"/> Pave Parking Areas	<input type="checkbox"/> Pave Yards
<input checked="" type="checkbox"/> Maintain Roads/Parking/Yards	<input checked="" type="checkbox"/> Use Water Application	<input type="checkbox"/> Use Dust Suppressant
<input checked="" type="checkbox"/> Remove Particulate Matter	<input checked="" type="checkbox"/> Reduce Stock Pile Height	<input type="checkbox"/> Install Wind Breaks

Check all precautions to be used for the management of drop points to trucks:

<input type="checkbox"/> Spray Bar	<input checked="" type="checkbox"/> Chute	<input type="checkbox"/> Enclosure
	<input type="checkbox"/> Partial enclosure	

Description of Reasonable Precautions

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility. This is a Soil Cement Plant. There will be dust collection systems on the cement Silo, cement Batcher and mixer. The haul roads will be sprayed with water as needed to control dust. The material stock piles will be low in height due to the required mixing process related to the material temperature so that minimal dust generation is expected. All areas of excess particulate matter around the site will be minimized and kept in a confined area for processing.

The site has a proposed stormwater drainage system that is intended to collect runoff from the site in a retention pond adjacent to the plant. This system will help to collect fine materials carried to the pond by rain water runoff there by reducing the potential for dust generation on the overall site.

High traffic areas under the plant and at the loading hopper will be paved to help with erosion and assist in clean up of loose materials. The haul roads will be stabilized with site generated limerock.

In addition there is an comprehensive Environmental Protection Plan and Surface Water Management Plan with oversight by the ACOE, FDEP and Water Management District for the overall construction project due to the location of this Everglade Restoration type project.

2011 JAN 13 AM 9:25
FURNACE ROOM UNITING
REVENUE

Description of Facility

Below, or as an attachment to this form, provide a description of the concrete batching plant operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used. This is a temporary, portable soil cement production plant on a construction site. This project is proposed to be in place for two years with a possible second project extending to five years. The plant produces a dry mix of on-site materials and cement to be utilized to stabilize the L-40 Levee in west Boca Raton, Florida. The batching equipment consists of a loading hooper, a aggregate storage bin, a mixer tower with cement silo. Two conveyors approximately 100 feet long are used to move the material. Off-road haul trucks will receive the mixed soil cement materials and transport them to the canal embankment.

The equipment and dust collection equipment consist of:

1. Single compartment silo with a 5" anti-overfill system. This prevents accidental overfilling of the silo and makes use of high levelbin indicators.
2. PJC-425 Silo top Dust Collector. This is a pulse jet type collector rated at 2400 CFM with a 99.99% cleaming effeciency. One compartment with (12) 8"x 39" cartridges for 472 sq. ft. of filtration area.
3. PJC-35 Batcher Dust Collector. This is a pulse jet type collector rated at 210 CFM with a 99.99% cleaming effeciency. One compartment with (2) 8"x 20" top entry cartridges for 36 sq. ft. of filtration area.
4. PJC-305 Mixer Dust Collector. This is a pulse jet type collector rated at 1500 CFM with a 99.99% cleaming effeciency. One compartment with (8) 8"x 39" top entry cartridges for 305 sq. ft. of filtration area.
5. Generator -- Generac SD 400. -- diesel fuel operated. See the attached specifications for the systems.

Please see the attached equipment drawings and site plan for general configuration of the soil cement operations.

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REVENUE

DEPARTMENT



SD400



GENERAC® INDUSTRIAL

Industrial Diesel Generator Set

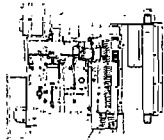
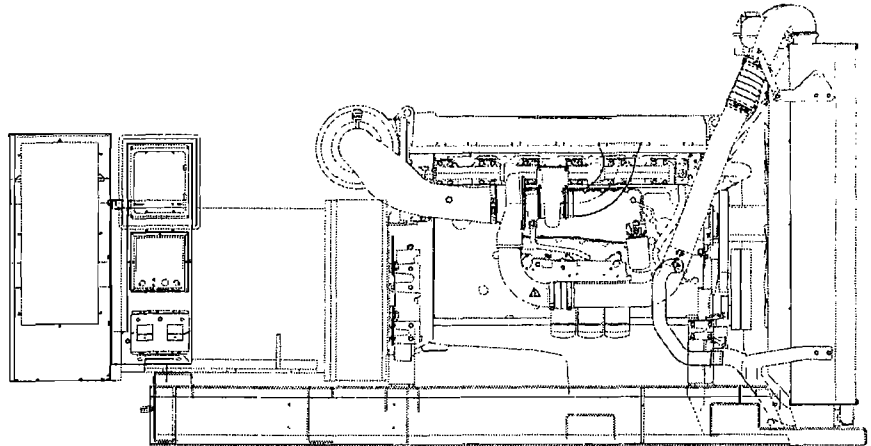
EPA Emissions Certification: Tier III

400 kW Diesel

1 of 5

Standby Power Rating
400KW 60 Hz

Prime Power Rating
360KW 60 Hz



features

benefits

Generator Set

- PROTOTYPE & TORSIONALLY TESTED
- UL2200 TESTED
- RHINOCOAT PAINT SYSTEM
- WIDE RANGE OF ENCLOSURES AND TANKS

- ▶ PROVIDES A PROVEN UNIT
- ▶ ENSURES A QUALITY PRODUCT
- ▶ IMPROVES RESISTANCE TO ELEMENTS
- ▶ PROVIDES A SINGLE SOURCE SOLUTION

Engine

- EPA TIER COMPLIANT
- INDUSTRIAL TESTED, GENERAC APPROVED
- POWER-MATCHED OUTPUT
- INDUSTRIAL GRADE

- ▶ ENVIRONMENTALLY FRIENDLY
- ▶ ENSURES INDUSTRIAL STANDARDS
- ▶ ENGINEERED FOR PERFORMANCE
- ▶ IMPROVES LONGEVITY AND RELIABILITY

Alternator

- TWO-THIRDS PITCH
- LAYER WOUND ROTOR & STATOR
- CLASS H MATERIALS
- DIGITAL 3-PHASE VOLTAGE CONTROL

- ▶ ELIMINATES HARMFUL 3RD HARMONIC
- ▶ IMPROVES COOLING
- ▶ HEAT TOLERANT DESIGN
- ▶ FAST AND ACCURATE RESPONSE

Controls

- ENCAPSULATED BOARD W/ SEALED HARNESS
- 4-20mA VOLTAGE-TO-CURRENT SENSORS
- SURFACE-MOUNT TECHNOLOGY
- ADVANCED DIAGNOSTICS & COMMUNICATIONS

- ▶ EASY, AFFORDABLE REPLACEMENT
- ▶ NOISE RESISTANT 24/7 MONITORING
- ▶ PROVIDES VIBRATION RESISTANCE
- ▶ HARDENED RELIABILITY

primary codes and standards



SD400

application and engineering data

ENGINE SPECIFICATIONS

General

Make	Volvo	
EPA Emissions Compliance	Tier III	
EPA Emissions Engine Reference	See Emissions Data Sheet	
Cylinder #	6	
Type	In-Line	
Displacement - L (cu. in.)	13	
Bore - mm (in.)	131	(5.16)
Stroke - mm (in.)	158	(6.22)
Compression Ratio	18.1:1	
Intake Air Method	Turbocharged/Aftercooled	
Connecting Rod Type	Dropped Forged Steel	
Cylinder Head Type	4-Valve	
Piston Type	Aluminum	

Cooling System

Cooling System Type	Closed Recovery	
Water Pump	Pre-Lubed, Self Sealing	
Fan Type	Pusher	
Fan Speed	1780	
Fan Diameter mm (in.)	889	(35.0)
Coolant Heater Wattage	2000	
Coolant Heater Standard Voltage	240VAC	

Fuel System

Fuel Type*	#2 Diesel LS or ULS	
Fuel Specifications	ASTM	
Fuel Filtering (microns)	5	
Fuel Inject Pump Make	Electronic	
Fuel Pump Type	Engine Driven Gear	
Injector Type	Common Rail	
Engine Type	Pre-Combustion	
Fuel Supply Line - NPT - mm (in.)	12.7	(0.50)
Fuel Return Line - mm (in.)	12.7	(0.50)

* LS-Low Sulphur, ULS-Ultra Low Sulfur

Engine Governing

Governor	Electronic Isochronous	
Frequency Regulation (Steady State)	+/- 0.25%	

Engine Electrical System

System Voltage	24VDC	
Battery Charging Alternator (Amps)	90	
Battery Size (at 0 oC)	995	
Battery Group	31	
Battery Voltage	(2) 12VDC	
Ground Polarity	Negative	

Lubrication System

Oil Pump Type	Gear	
Oil Filter Type	Full-Flow	
Crankcase Capacity - L (gal)(qts)	36	(9.50) (38.02)

ALTERNATOR SPECIFICATIONS

Standard Model	520	
Poles	4	
Field Type	Revolving	
Insulation Class - Rotor	H	
Insulation Class - Stator	H	
Total Harmonic Distortion	< 5%	
Telephone Interference Factor (TIF)	< 50	
Standard Excitation	Permanent Magnet	
Bearings	Single Sealed Cartridge	
Coupling	Direct, Flexible Disc	
Load Capacity - Standby	100%	
Load Capacity - Prime	110%	
Prototype Short Circuit Test	Y	

Voltage Regulator Type	Digital	
Number of Sensed Phases	All	
Regulation Accuracy (Steady State)	+/- 1.0%	

CODES AND STANDARDS COMPLIANCE (WHERE APPLICABLE)

- NFPA 99
- NFPA 110
- ISO 8528-5
- ISO 1708A.5
- ISO 3046
- BS5514
- SAE J1349
- DIN6271
- IEEE C62.41 TESTING
- NEMA ICS 1

Rating Definitions:

Standby – Applicable for a varying emergency load for the duration of a utility power outage with no overload capability. (Max. load factor = 70%)
 Prime – Applicable for supplying power to a varying load in lieu of utility for an unlimited amount of running time. (Max. load factor = 80%) A 10% overload capacity is available for 1 out of every 12 hours.

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operating data (60Hz)

POWER RATINGS (kW)

Single-Phase 120/240VAC @1.0pf
 Three-Phase 120/208VAC @0.8pf
 Three-Phase 120/240VAC @0.8pf
 Three-Phase 277/480VAC @0.8pf
 Three-Phase 346/600VAC @0.8pf

STANDBY			PRIME		
-	Amps:	-	-	Amps:	-
400	Amps:	1388	360	Amps:	1249
400	Amps:	1203	360	Amps:	1083
400	Amps:	601	360	Amps:	541
400	Amps:	481	360	Amps:	433

STARTING CAPABILITIES (sKVA)

sKVA vs. Voltage Dip

Alternator*	kW	480VAC						208/240VAC					
		10%	15%	20%	25%	30%	35%	10%	15%	20%	25%	30%	35%
Standard	400	387	581	775	968	1162	1356	271	407	543	679	814	950
Upsize 1	500	457	686	914	1143	1371	1600	429	643	857	1071	1286	1500
Upsize 2	600	471	707	943	1179	1414	1650	543	814	1086	1357	1629	1900

*All Generac Industrial alternators utilize Class H materials. Standard alternator provides less than or equal to Class F temperature rise. Upsize 1 provides less than or equal to Class B temperature rise. Upsize 2 provides less than or equal to Class A temperature rise.

FUEL

Fuel Consumption Rates

Fuel Pump Lift - in (m)	STANDBY				PRIME			
	Percent Load	gph	gpm	lph	Percent Load	gph	gpm	lph
36(.9)	25%	8.8	0.15	33.3	25%	8.0	0.13	30.3
Total Fuel Requirement (Combustion + Cooling)	50%	16.6	0.28	62.8	50%	15.1	0.25	57.2
33.3 gph	75%	23.7	0.40	89.7	75%	21.6	0.36	81.8
	100%	29.6	0.49	112.0	100%	26.9	0.45	101.8

COOLING

Coolant System Capacity - Gal (L)
 6.3 (24.41)

Maximum Radiator Backpressure
 1.5" H₂O Column

		STANDBY	PRIME
Coolant Flow per Minute	gpm (lpm)	79.0 (299)	79.0 (299)
Heat rejection to Coolant	BTU/min	10123	9111
Inlet Air	cfm (m ³ /hr)	14200 (24129)	14200 (24129)
Max. Operating Radiator Air Temp	°F (°C)	122 (50)	122 (50)
Max. Operating Ambient Temperature	°F (°C)	104 (40)	104 (40)

COMBUSTION AIR REQUIREMENTS

Intake Flow at Rated Power	STANDBY		PRIME	
	cfm (m ³ /min)	1100 (31.15)	990 (28.04)	

EXHAUST

		STANDBY	PRIME
Exhaust Flow (Rated Output)	cfm (m ³ /hr)	2790 (79.0)	2511 (71.1)
Maximum Backpressure	inHg (Kpa)	3.0 (10.2)	3.0 (10.2)
Exhaust Temp (Rated Output)	°F (°C)	975 (524)	878 (470)

ENGINE

		STANDBY	PRIME
Rated Engine Speed	rpm	1800	1800
Horsepower at Rated kW (EPA)	hp	611	611
Piston Speed	ft/min (m/min)	1654 (65)	1654 (65)
BMEP	psi	355	320

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please consult a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, IS08528 and DIN6271 standards.

SD400

standard features and options

GENERATOR SET



- Genset Vibration Isolation Std
- Seismic Rated Vibration Isolators Opt
- Extended warranty Opt
- Export boxing Opt
- Gen-Link Communications Software Opt
- Steel Enclosure Opt
- Aluminum Enclosure Opt

ENGINE SYSTEM



General

- Oil Drain Extension Std
- Oil Make-Up System Opt
- Oil Heater Opt

Fuel System

- Fuel lockoff solenoid Std
- Secondary fuel filter Std
- Stainless steel flexible exhaust connection Std
- Industrial Exhaust Silencer Std
- Critical Exhaust Silencer Opt
- Flexible fuel lines Opt
- Primary fuel filter Opt
- Single Wall Tank (Export Only) -
- UL 142 Fuel Tank Opt
- Internal Base Tank -

Cooling System

- 120VAC Coolant Heater Opt
- 208VAC Coolant Heater Opt
- 240VAC Coolant Heater Opt
- Other Coolant Heater -
- Closed Coolant Recovery System Std
- UV/Ozone resistant hoses Std
- Factory-Installed Radiator Std
- Radiator Drain Extension Std

Engine Electrical System

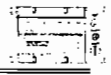
- Battery charging alternator Std
- Battery cables Std
- Battery tray Std
- Battery box Opt
- Battery heater Opt
- Solenoid activated starter motor Std
- Air cleaner Std
- Fan guard Std
- Radiator duct adapter Std
- 2A battery charger Opt
- 10A UL float/equalize battery charger Opt
- Rubber-booted engine electrical connections Std

ALTERNATOR SYSTEM



- UL2200 Generator Protector Std
- Main Line Circuit Breaker Opt
- 2nd Circuit Breaker Opt
- 3rd Circuit Breaker -
- Alternator Upsizing Opt
- Anti-Condensation Heater Opt
- Tropical coating Opt
- Voltage changeover switch Opt

CONTROL SYSTEM



Control Panel

- Digital H Control Panel - Dual 4x20 Display Std
- Digital G-100 Control Panel - Touchscreen na
- Digital G-200 Paralleling Control Panel - Touchscreen na
- Programmable Crank Limiter Std
- 21-Light Remote Annunciator Opt
- Remote Relay Panel (8 or 16) Opt
- 7-Day Programmable Exerciser Std
- Special Applications Programmable PLC Std
- RS-232 Std
- RS-485 Std
- All-Phase Sensing DVR Std
- Full System Status Std
- Utility Monitoring (Req. H-Transfer Switch) Std
- 2-Wire Start Compatible Std
- Power Output (kW) Std
- Power Factor Std
- Reactive Power Std
- All phase AC Voltage Std
- All phase Currents Std
- Oil Pressure Std
- Coolant Temperature Std
- Coolant Level Std
- Oil Temperature Opt
- Fuel Pressure Std
- Engine Speed Std
- Battery Voltage Std
- Frequency Std
- Date/Time Fault History (Event Log) Std
- UL2200 Generator Protector Std
- Low-Speed Exercise -
- Isochronous Governor Control Std
- 40deg C - 70deg C Operation Std
- Waterproof Plug-In Connectors Std
- Audible Alarms and Shutdowns Std
- Not in Auto (Flashing Light) Std
- On/Off/Manual Switch Std
- E-Stop (Red Mushroom-Type) Std
- Remote E-Stop (Break Glass-Type, Surface Mount) Opt
- Remote E-Stop (Red Mushroom-Type, Surface Mount) Opt
- Remote E-Stop (Red Mushroom-Type, Flush Mount) Opt
- NFPA 110 Level I and II (Programmable) Std
- Remote Communication - RS232 Std
- Remote Communication - Modem Opt
- Remote Communication - Ethernet Opt
- 10A Run Relay Opt

Alarms (Programmable Tolerances, Pre-Alarms and Shutdowns)

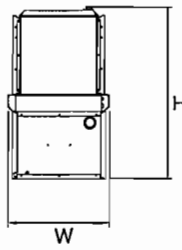
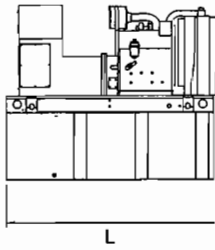
- Low Fuel Opt
- Oil Pressure (Pre-programmed Low Pressure Shutdown) Std
- Coolant Temperature (Pre-programmed High Temp Shutdown) Std
- Coolant Level (Pre-programmed Low Level Shutdown) Std
- Oil Temperature Std
- Fuel Pressure Std
- Engine Speed (Pre-programmed Overspeed Shutdown) Std
- Voltage (Pre-programmed Overvoltage Shutdown) Std
- Battery Voltage Std

Other Options

-
-
-

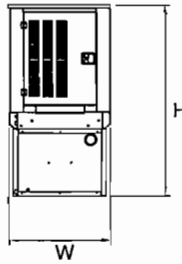
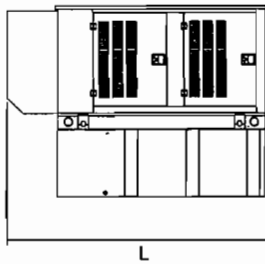
SD400

dimensions, weights and sound levels



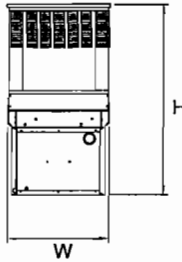
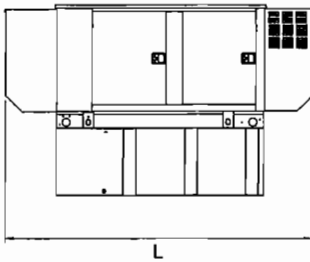
**OPEN SET
TANK SIZE**

REQ GALLONS	HOURS	L	W	H	WT	dBa*
NO TANK	NO TANK	136	58	69	5751	90
237	8	136	58	94	7011	
355	12	136	58	94	7011	
710	24	208	58	110	8776	
1066	36	278	58	110	10041	
1421	48	278	58	110	10041	
2131	72	CALL	CALL	CALL	CALL	
2842	96	CALL	CALL	CALL	CALL	



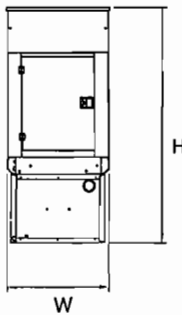
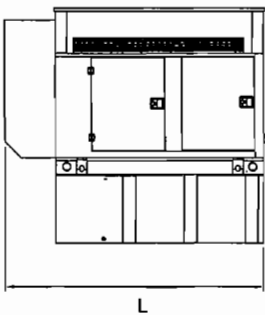
**WEATHERPROOF ENCLOSURE
TANK SIZE**

REQ GALLONS	HOURS	L	W	H	WT	dBa*
NO TANK	NO TANK	174	58	75	7051	89
237	8	174	58	100	8311	
355	12	174	58	100	8311	
710	24	208	58	116	10076	
1066	36	278	58	116	11341	
1421	48	278	58	116	11341	
2131	72	CALL	CALL	CALL	CALL	
2842	96	CALL	CALL	CALL	CALL	



**LEVEL 1 SOUND ENCLOSURE
TANK SIZE**

REQ GALLONS	HOURS	L	W	H	WT	dBa*
NO TANK	NO TANK	200	58	75	7243	84
237	8	200	58	100	8503	
355	12	200	58	100	8503	
710	24	234	58	116	10268	
1066	36	304	58	116	11533	
1421	48	304	58	116	11533	
2131	72	CALL	CALL	CALL	CALL	
2842	96	CALL	CALL	CALL	CALL	



**LEVEL 2 SOUND ENCLOSURE
TANK SIZE**

REQ GALLONS	HOURS	L	W	H	WT	dBa*
NO TANK	NO TANK	181	58	105	7451	73
237	8	181	58	130	8711	
355	12	181	58	130	8711	
710	24	208	58	146	10476	
1066	36	278	58	146	11741	
1421	48	278	58	146	11741	
2131	72	CALL	CALL	CALL	CALL	
2842	96	CALL	CALL	CALL	CALL	

*All measurements are approximate and for estimation purposes only. Required gallons based on 100% of standby rating. Weights are without fuel in tank. Sound levels measured at 23ft (7m) and does not account for ambient site conditions.

- Tank Options**
- MDEQ
 - Florida DERM/DEP
 - Chicago Fire Code
 - IFC Certification
 - ULC
- Other Custom Options Available from your Generac Industrial Power Dealer**
- OPT
 - OPT
 - OPT
 - CALL
 - CALL

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER



Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

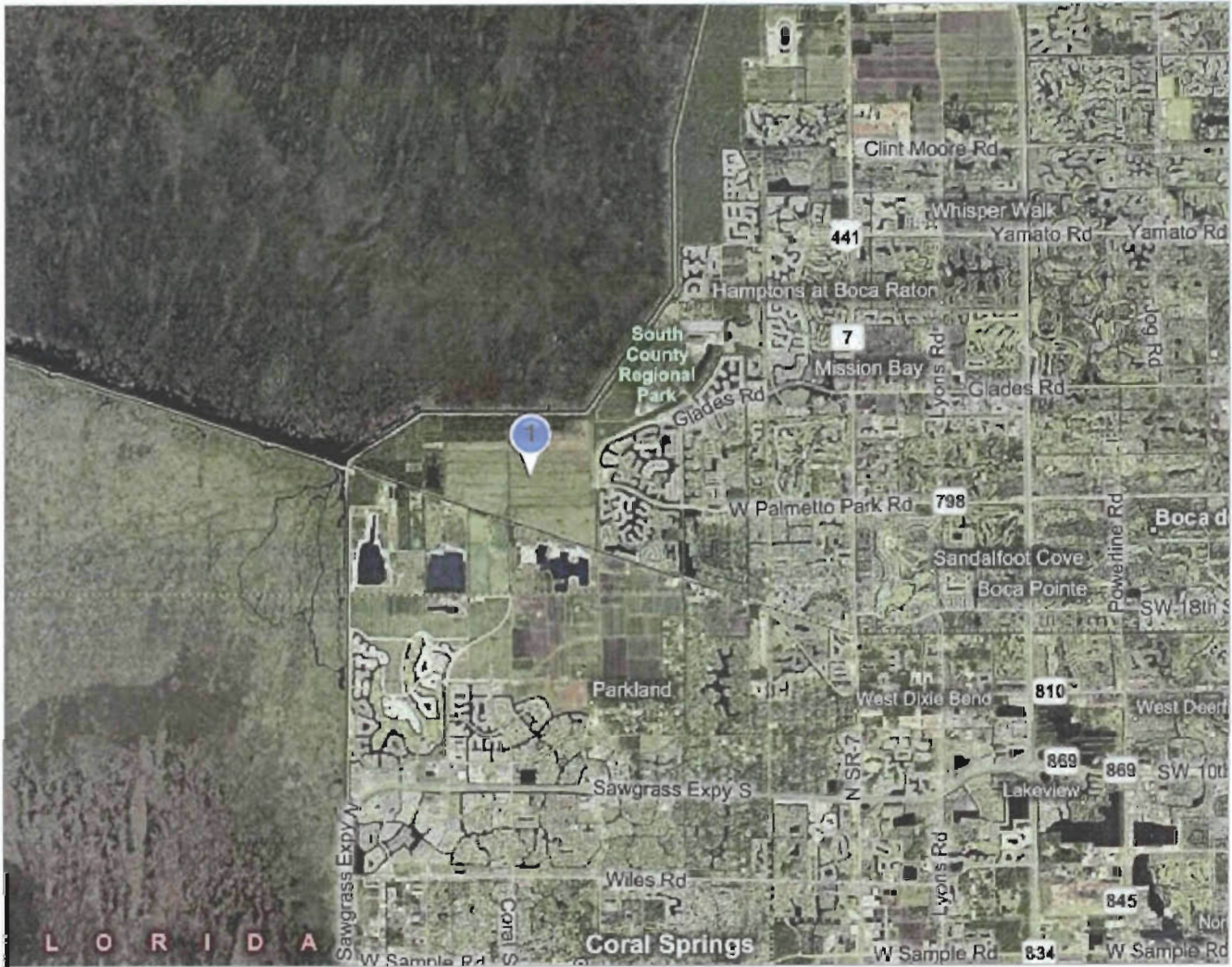
Bing Maps

Unsaved places

1. Lodge Construction, Inc. Soil Cement Plant



1. Lodge Construction, Inc. Soil Cement Plant



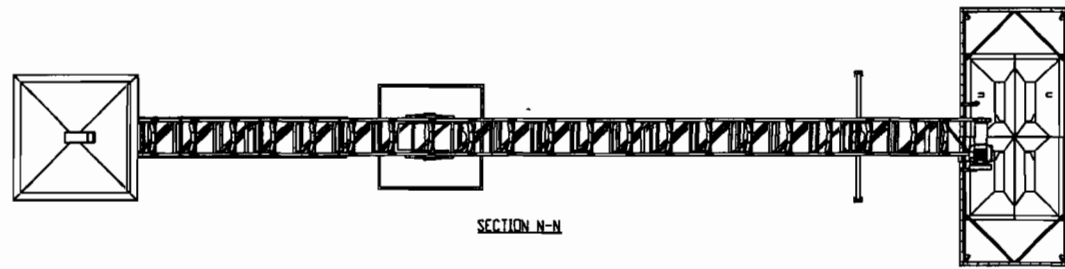
1. Lodge Construction, Inc. Soil Cement Plant



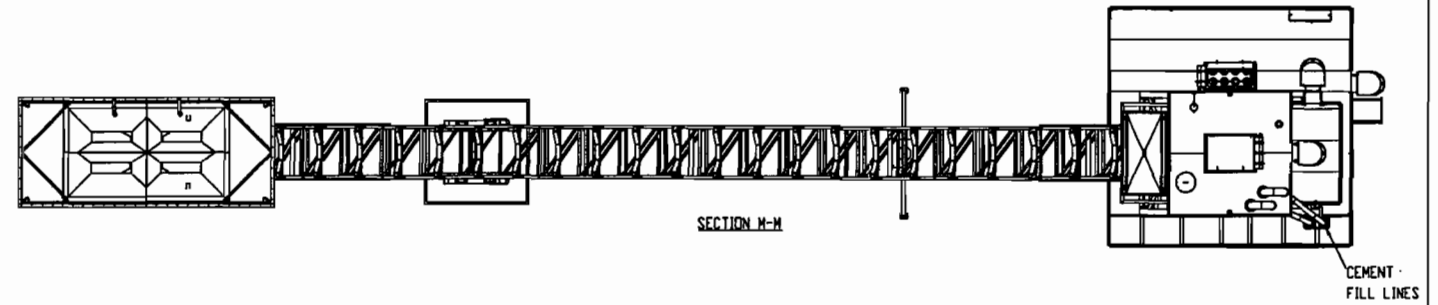
1. Lodge Construction, Inc. Soil Cement Plant



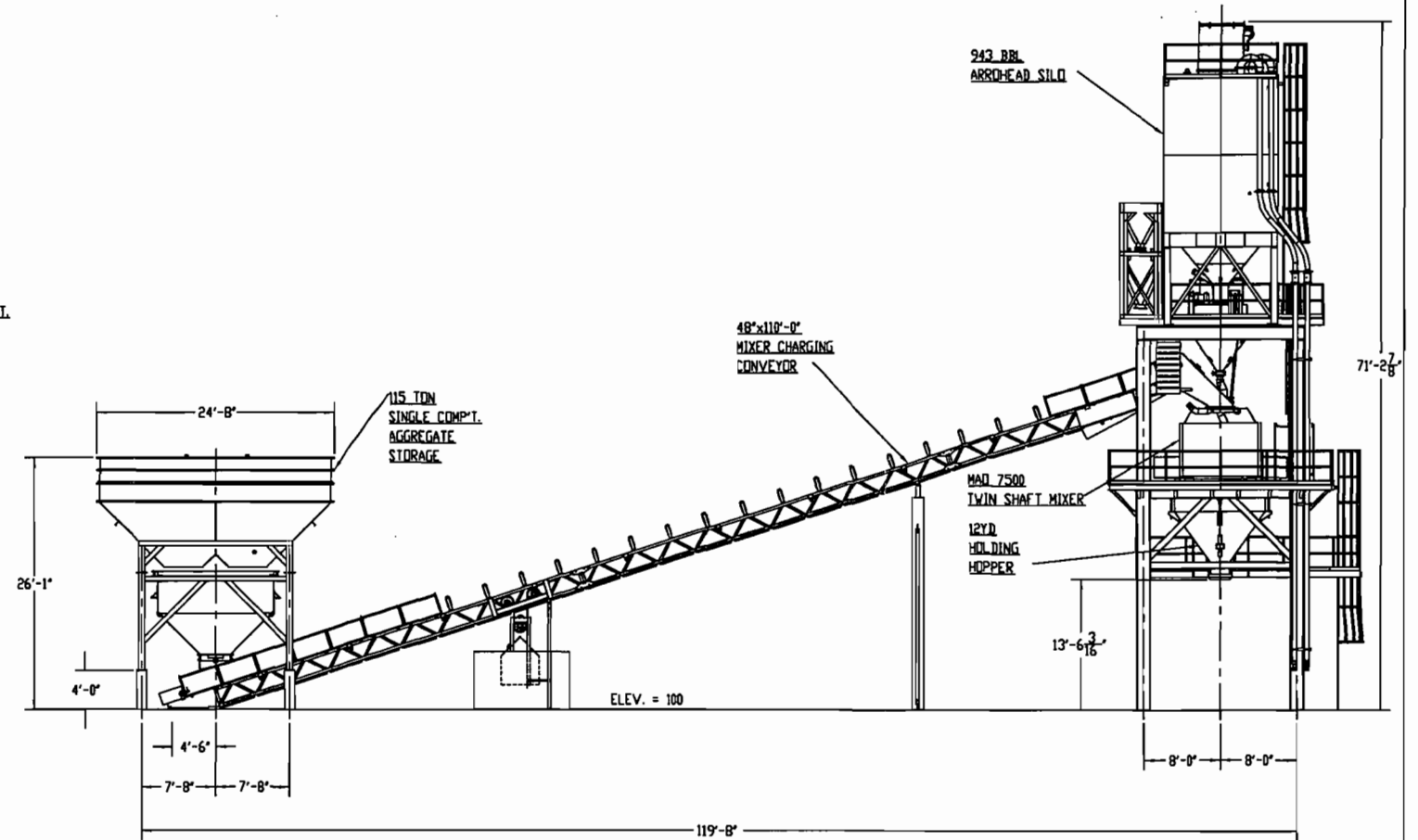
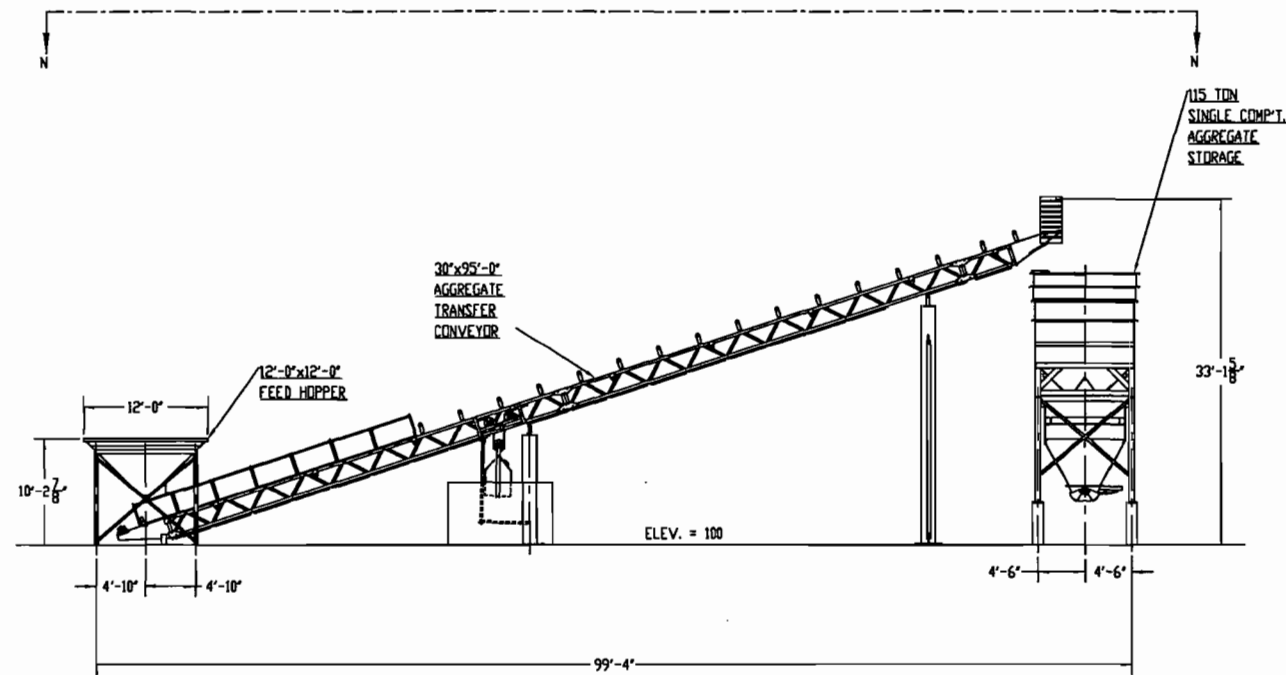
PART NUMBER	QTY.	DESCRIPTION	WEIGHT/#
CD4-1X15	1	115 TON SINGLE COMPARTMENT COMMANDO AGG BIN	1825.46
AM90GA-15524	1	943 BBL. SILO/MIXER ASSEMBLY	8790.11
USGA-001	1	WATER BATCHER ASSEMBLY	2708.06
BT30-95GA-002	1	30" X 95'-0" AGGREGATE TRANSFER CONVEYOR	3604.76
FH-002GA	1	12'-0" X 12'-0" FEED HOPPER	3644.87
MAD7500	1	MAD 7500/5000	26.50
BT48BT10GA-002	1	48" BELT TRUSS CONVEYOR GENERAL ASSEMBLY	22628.72



SECTION N-N



SECTION M-M



NOTE:
LOADINGS PER 2003 INTERNATIONAL BUILDING CODE. BASIC WIND SPEED 14
R/S INDUSTRIES, INC./LOADCRAFT, ASSUMES NO RESPONSIBILITY FOR FOUNDATION DESIGN.
FOUNDATION SIZES NEED TO BE DESIGNED TO MEET LOCAL SOIL BEARING CONDITIONS. PIERS ARE
SUGGESTED BY R/S INDUSTRIES, INC./LOADCRAFT, WITH THE CUSTOMER TO DETERMINE SIZE &
HEIGHT TO ACCOMMODATE RAMPS, DUST SHROUDS, CLEARANCE OF ALL EQUIPMENT, AND ETC.
BUILDING CODES MAY VARY DEPENDING ON PLANT LOCATION. IT IS THE CUSTOMER'S
RESPONSIBILITY TO NOTIFY R/S INDUSTRIES, INC./LOADCRAFT, OF ANY SPECIAL CODE
REQUIREMENTS. THESE INCLUDE BUT ARE NOT LIMITED TO SEISMIC, HIGH WIND (HURRICANE),
AND/OR ANY SPECIAL CITY, COUNTY, OR STATE REQUIREMENTS. IF A PROFESSIONAL ENGINEER'S
STAMP IS REQUIRED ON ANY WORK BY R/S INDUSTRIES, INC./LOADCRAFT AN ADDITIONAL FEE WILL
BE ADDED.
R/S INDUSTRIES/LOADCRAFT ASSUMES NO RESPONSIBILITY FOR FOUNDATION
DESIGN. FOUNDATION SIZES NEED TO BE DESIGNED TO MEET
LOCAL SOIL BEARING CONDITIONS.

REV.	DATE	BY	DESCRIPTION
01	12/17/2010	Frank	ADDED DIMENSIONS, CLARIFIED ELEVATION
REVISIONS			

THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED. DIMENSIONS AS INDICATED. DO NOT SCALE.

R/S R/S INDUSTRIES
1-866-817-7838

TITLE		DATE
LODGE CONSTRUCTION - 15524		11/12/2010
PLANT ELEVATIONS AND BASEPLATE LAYOUT		
DRAWN BY	F.R.	DATE
MODELED BY	DH	11/12/2010
DWG. NO.	15524GA-001	REV. 01
SHEET 1 OF 2		



Alan Gerwig & Associates, Inc.

Consulting Engineers
12798 W. Forest Hill Blvd., Suite 204
Wellington, FL 33414

LETTER OF TRANSMITTAL

Phone: (561) 792-9000
Fax: (561) 792-9901

To: **Mr. Dickson E Dibble, ES III.**

FDEP Receipts

3800 Commonwealth Boulevard, MS-77

Tallahassee, Florida 32399

(850)- 921-9586

Date: **1-11-2011** Project No.: **10-081B**

RE: **Lodge Construction, Inc.**

**Air General Permit --- Temporary Soil
Cement Plant**

We are sending you the following items: Shop Drawings Prints Plans Electronic Media Specifications
 Copy of Letter Change Order Application

Delivery method **FEDEX.**

Copies	Date	Number	Description
1			Application for Soil Cement Plant – Air General Permit
1			\$100 application review fee
1			11x17 site plan
1			11x17 equipment plan and elevations
1			Information for SD400 Generac Generator Cut Sheets
1			Copy of Four (4) different location maps

These are transmitted as checked below:

- For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return corrected prints
 For review and comment Prints, etc. returned after loan to us For bids due _____

Remarks: **This application is for a temporary Soil Cement Plant to serve the ACOE L-40 Levee Restoration**

C.C.: **File.**

Signed: **Patrick S. Lear, P.E., LEED AP**

X212

2011 JAN 19 10:25 AM
 RECEIVED
 PROJECT