	PERMIT C	ORRECTION	S REPO	RT (GEC17	00020)
PERMIT ADDRESS:	353 W W 47 ST			PARCEL:	0232220221680
APPLICATION DATE: EXPIRATION DATE:	09/06/2017	SQUARE FEET: VALUATION:	80.00 \$55,700.00	DESCRIPTION:	Install new 180 KW generator, install new fuel tank, base, furnish and install new electrical conduits, wiring, furnish and install automatic transfer switch, and furnish and install new electrical panel.
CONTACTS Na	ime	Company		Address	
Applicant All	an Mairena [ EC13005242]	Halmag Solution	ns Inc EC130	0: 801 S Biso Miami, FL	cayne River DR 33169
Owner Lui	isa Rivera	Herberto Corpor	ration	1198 Vene Miami Bea	etian Way,, Suite 100 ach,, FL 33139
Bldg - PR - Generator - - New	- Commercial Version: 7	Date Received:	I	Date Completed:	Status:
Bldg - PR - Generator -	- Commercial Version: 1	Date Received: 09/1	4/2017	Date Completed: 09/	/15/2017 Status: Fail
Building Review Correction: Comments:	Status: Pass Assign	ed: 9/14/17 Complete	d: 9/14/17 G	abi Chamoun Ph:	email: GabiChamoun@miamibeachfl.gov
Electrical Review Correction: Gene Comments:	Status: Fail Assign ral Correction	ed: 9/14/17 Complete	d: 9/15/17 E	ric Merced Ph: ema	ail: EricMerced@miamibeachfl.gov
	<ol> <li>1. Provide note on plans stat</li> <li>2. Correct the NEMA configu</li> <li>3. Complete riser diagram to</li> <li>4. Complete grounding electric</li> <li>5. Provide information the ind</li> <li>6. Provide information indica</li> <li>7. Provide reference notes in</li> <li>8. Complete panel schedules</li> </ol>	ing all new outdoor instal ration of all new outdoor include new or existing for odes to include all new o dicating the generator is I ting the supply conductor dicated on riser. to include all KVA and w	lations shall co installations a eeders from F or existing syst isted UL2200. complies with vire sizes.	omply with NEC 110. s per NEC 110.28 col PL. em as per NEC 250.5 n NEC 695.6.	12, 110.28 and 358.12. rrosive agents. 52.
Fire Building Review Correction: Gene	<b>Status: Fail</b> Assign ral Correction	ed: 9/14/17 Complete	d: 9/15/17 T	om Armstrong Ph:	email: TomArmstrong@miamibeachfl.gov
control de	Gec1700020 1st review 9/15 Sheet e01: 1. Provide a life safety pla 2. Show location of the fue 3. Plans show the generat	/17 n showing egress to the p el port for the generator to or next to the building an	oublic way to v verify hose d d it appears to	rerify if location of the oes not have to pass be less than the 10'	generator hinders access within property line/under building for fill for any exposure to the building
Mechanical Review Correction: Gene Comments:	Status: Fail Assign ral Correction	ed: 9/14/17 Complete	d: 9/14/17 L	aura Ferrer Ph: em	ail: LauraFerrer@miamibeachfl.gov
	GE1700020 9/14/17 1- Provide fuel source for 2- State on plans generate the building to comply with F 3- Provide support and an 4- CU must be installed at	Generator. If diesel show r/exhaust to be located n MC 501.2.1 chorage for Generator to or above base flood elev	fueling, refuel ninimum ten fe comply with F ration. FMC 30	ing. FBC 107.2.1 eet away from any air BC 1604 11.13	intake, operable openings (windows/doors) of
	Laura Ferrer, P.E., C.E.M., C BUILDING DEPARTMENT Tel: 305-673-7610 ext. 6489	hief Mechanical Inspecto	or uraferrer@mia	mibeachfl.gov	
Planning Review Correction: Gene	Status: Fail Assign ral Correction	ed: 9/14/17 Complete	d: 9/15/17 F	rancisco Arbelaez Pł	n: email: FranciscoArbelaez@miamibeachfl.g
Comments:	<ol> <li>Provide elevation plans the equipment including attached to exceed ten feet above gra permit that shows this</li> <li>The generator must be sci</li> </ol>	at show the height of the d screening elements, sha de, as defined in subsect reened from view of the w	generator abc all not exceed ion 114-1, of t vaterway right	ve grade and BFE fo five feet above curre he lot at which they a of way with a physica	r further review. The maximum height of the nt flood elevation, with a maximum height not ire located. Revise plans or provide a master al or landscaped elements typically used for

	screening. revi	se plans or provi	de a maste	er permit that shows th	is		
Structural Review Correction: Gene Comments:	Status: Fail eral Correction	Assigned	: 9/14/17	Completed: 9/15/17	Adalberto Viciedo	Ph: email: A	dalbertoViciedo@miamibeachfl.gov
	GEC1700020 1. Index on She Specify connect	eet I: sheet S-1 " tion of generato	Structural I r to base (a	Base" was not submitt anchors)	ed. Provide structura	I drawings and	overturning calculations for review.
Bldg - PR - Generator - New	- Commercial	Version: 2	Date Rec	eived: 11/01/2017	Date Completed:	: 11/08/2017	Status: Fail
Electrical Review Correction: Gene	Status: Fail eral Correction	Assigned	: 11/1/17	Completed: 11/8/17	Eric Merced Ph:	email: EricMer	rced@miamibeachfl.gov
Comments	11*08*17						
	1. 2. Correct the l		ion of all n	ow outdoor installation	a as par NEC 110.29		ata
	3.				s as per NEC 110.20	conosive agei	115.
	<ol> <li>Complete gr underground</li> <li>Provide infor</li> <li>Provide infor</li> </ol>	ounding electrod ) mation the indicating	les to inclue ating the ge g the suppl	de all new or existing s enerator is listed UL22 y conduit complies wit	system as per NEC 2 00. h NEC 695.6.	50.52.(for all	conduit indicating/directed
	7. 8.						
	9. Identify the 0 10. Complete r	DCP on the gene iser details to inc	rator/riser dude all ne	matching the generato w/existing fire pump e	or details. quipment.		
Fire Building Review Correction: Gene Comments:	Status: Fail     correction	Assigned	: 11/1/17	Completed: 11/2/17	Tom Armstrong Pt	n: email: Tor	nArmstrong@miamibeachfl.gov
e en mente.	Gec1700020 1	st review 9/15/17	7				
	Sheet e01: 1 Provide a	life safety plan s	howina ea	ress to the public way	to verify if location of	the generator I	ninders access
	<ol> <li>Show loca</li> <li>Plans sho</li> </ol>	ation of the fuel p w the generator	ort for the next to the	generator to verify hos building and it appear	e does not have to p s to be less than the	ass within prop 10' for any exp	erty line/under building for fill osure to the building
Correction: Gene	eral Correction						
Comments	Caa1700020 2	ND review 11/02	117				
	Sheet e01:	IND TEVIEW 11/02	/ 1 /				
	1. Show loca fill(LABLE ALL	ation of the fuel p STREETS AND	ort for the ALLEYS F	generator to verify hos OR VERIFICATION)	e does not have to p	ass within prop	erty line/under building for
	2. Plans sho SHOW GENEF	w the generator RATOR LOCATIO	next to the ON CLOSE	building and it appear TO THE EXIT STAIR	s to be less than the DISCHARGE) (THIS	10' for any exp S SHALL BE A	osure to the building(PLANS FIRE MARSHAL ISSUE)
Mechanical Review Correction: Gene Comments:	Status: Pass eral Correction	Assigned	: 11/1/17	Completed: 11/3/17	Elizabeth Prida Ph	n: email: Eliza	abethPrida@miamibeachfl.gov
	GE1700020						
	9/14/17 1- Provide fu 2- State on p the building to 3- Provide su 4- CU must l	el source for Ge blans generator/e comply with FMC upport and ancho be installed at or	nerator. If o exhaust to b 501.2.1 orage for G above bas	diesel show fueling, re be located minimum te senerator to comply wi se flood elevation. FM0	fueling. FBC 107.2.1 n feet away from any th FBC 1604 C 301.13	/ air intake, ope	rable openings (windows/doors) of
	Laura Ferrer, F BUILDING DEI Tel: 305-673-7	P.E., C.E.M., Chie PARTMENT 610 ext. 6489 / C	ef Mechani Cell: 305-92	cal Inspector 26-3265 / lauraferrer@	miamibeachfl.gov		
Planning Review Correction: Gene	Status: Fail eral Correction	Assigned	: 11/1/17	Completed: 11/6/17	Francisco Arbelaez	z Ph: email:	FranciscoArbelaez@miamibeachfl.
Comments:	<ol> <li>Provide eleve equipment incluto to exceed ten fipermit that sho</li> <li>The generatiscreening. revii</li> <li>provide a revii</li> </ol>	ation plans that s uding attached s eet above grade ws this or must be scree se plans or provi cent signed and s	show the h creening el , as defined ened from v de a maste sealed surv	eight of the generator lements, shall not exce d in subsection 114-1, riew of the waterway ri er permit that shows th rey for further review.	above grade and BFI eed five feet above or of the lot at which the ght of way with a phy is.	E for further rev urrent flood elev ey are located. vsical or landsca	view. The maximum height of the vation, with a maximum height not Revise plans or provide a master aped elements typically used for
	4. provide a sit	e plan that show	s the propo	osed setbacks for the p	propose generator.		
Structural Review Correction: Gene Comments:	Status: Fail eral Correction	Assigned	: 11/1/17	Completed: 11/2/17	Adalberto Viciedo	Ph: email: A	aalbertoViciedo@miamibeachfl.gov
2 3	GEC1700020						

Calculations:

2. Please review design to consider the lateral load.

3. The masonry wall shall be designed for the following loads at the top: 12194/34=359 lbs/ft (wind horizontal), 504 lbs/ft (wind upward/downward), 303 lbs/ft (weight downward). In addition direct wind on the wall and top of generator (uplift) shall be considered. 4. All critical load combinations shall be considered. Example: anchor tension should be T=1.6(504)-0.9(302.9)=534 lbs instead of T= (504-302.9)x1.6=321 lbs

5. Vertical wall reinforcement shall be hooked at the cap with no less than 6" embedment.

6. Provide applicable structural notes (concrete, reinforcement, masonry, soil preparation, etc.)

7. Clarify generator to wall connection.

8. Provide two fully executed special inspector forms for soil compaction, steel connections, and reinforced masonry.

Further review is required after a complete set of drawings substantiated by calculations are submitted.

#### Bldg - PR - Generator - Commercial Version: 3 Date Received: 11/14/2017 Date Completed: 11/28/2017 Status: Fail - New

**Electrical Review** Status: Not ReviewAssigned: 11/14/17 Completed: 11/28/17 Elier Marquez Ph: email: ElierMarquez@miamibeachfl.gov Correction: General Correction

Comments:

11\*08\*17

1

2. Correct the NEMA configuration of all new outdoor installations as per NEC 110.28 corrosive agents.

3

4. Complete grounding electrodes to include all new or existing system as per NEC 250.52.(---for all conduit indicating/directed underground---)

5. Provide information the indicating the generator is listed UL2200.

6. Provide information indicating the supply conduit complies with NEC 695.6.

7.

8

9. Identify the OCP on the generator/riser matching the generator details.

10. Complete riser details to include all new/existing fire pump equipment.

## Fire Building Review Status: Fail

Assigned: 11/14/17 Completed: 11/16/17 Tom Armstrong Ph: email: TomArmstrong@miamibeachfl.gov

Correction: General Correction

## Comments:

Gec1700020 2ND review 11/02/17

Sheet e01:

Show location of the fuel port for the generator to verify hose does not have to pass within property line/under building for fill(LABLE ALL STREETS AND ALLEYS FOR VERIFICATION)

Plans show the generator next to the building and it appears to be less than the 10' for any exposure to the building(PLANS SHOW GENERATOR LOCATION CLOSE TO THE EXIT STAIR DISCHARGE) (THIS SHALL BE A FIRE MARSHAL ISSUE)

## Correction: General Correction

## Comments:

no show

Correction: General Correction

#### Comments:

Gec1700020 1st review 9/15/17

- Sheet e01:
- Provide a life safety plan showing egress to the public way to verify if location of the generator hinders access 1
- Show location of the fuel port for the generator to verify hose does not have to pass within property line/under building for fill 2. Plans show the generator next to the building and it appears to be less than the 10' for any exposure to the building 3.

**Planning Review** Status: Not ReviewAssigned: 11/14/17 Completed: 11/14/17 Giselle Deschamps Ph: email: GiselleDeschamps@miamibeachfl. Correction: General Correction

Comments:

1. Provide elevation plans that show the height of the generator above grade and BFE for further review. The maximum height of the equipment including attached screening elements, shall not exceed five feet above current flood elevation, with a maximum height not to exceed ten feet above grade, as defined in subsection 114-1, of the lot at which they are located. Revise plans or provide a master permit that shows this

2. The generator must be screened from view of the waterway right of way with a physical or landscaped elements typically used for screening. revise plans or provide a master permit that shows this.

- 3. provide a recent signed and sealed survey for further review.
- 4. provide a site plan that shows the proposed setbacks for the propose generator.

**Structural Review** Status: Not ReviewAssigned: 11/14/17 Completed: 11/14/17 Vicente Franco Ph: email: VicenteFranco@miamibeachfl.gov Correction: General Correction

# Comments:

GEC1700020

Calculations:

2. Please review design to consider the lateral load.

3. The masonry wall shall be designed for the following loads at the top: 12194/34=359 lbs/ft (wind horizontal), 504 lbs/ft (wind upward/downward), 303 lbs/ft (weight downward). In addition direct wind on the wall and top of generator (uplift) shall be considered. 4. All critical load combinations shall be considered. Example: anchor tension should be T=1.6(504)-0.9(302.9)=534 lbs instead of T= (504-302.9)x1.6=321 lbs.

5. Vertical wall reinforcement shall be hooked at the cap with no less than 6" embedment.

6. Provide applicable structural notes (concrete, reinforcement, masonry, soil preparation, etc.)

<ol><li>Provide two fully executed special i</li></ol>	inspector forms for soil compaction	n, steel connections	, and reinforced masonry.
Further review is required after a com	plete set of drawings substantiate	d by calculations are	e submitted.

Bldg - PR - Generator - New	- Commercial	Version: 4 Date	Received: 12/14/2017	Date Completed: 12/27	7/2017 Status: Fail	
Building Review Correction: Comments:	Status: Pass	Assigned: 12/15.	/17 Completed: 12/18/1	7 Miguel Anderson Ph: 6	ımail: MiguelAnderson@r	miamibeachfl.gov
Electrical Review Correction: Gene	Status: Pass ral Correction	Assigned: 12/14	/17 Completed: 12/19/1	7 Eric Merced Ph: email	EricMerced@miamibead	chfl.gov
Comments:	11*08*17 1					
	2. Correct the NE	EMA configuration of	all new outdoor installatio	ns as per NEC 110.28 corro	sive agents.	
	<ol> <li>Complete grou underground)</li> <li>Provide inform</li> <li>7.</li> </ol>	unding electrodes to i nation indicating the s	nclude all new or existing supply conduit complies w	system as per NEC 250.52 ith NEC 695.6.	.(for all conduit indicatin	g/directed
	<ol> <li>8.</li> <li>9. Identify the OC</li> <li>10. Complete ris</li> </ol>	CP on the generator/r er details to include a	iser matching the general II new/existing fire pump	or details. equipment.		
Fire Building Review Correction: Gene	<b>Status: Pass</b> ral Correction	Assigned: 12/14	/17 Completed: 12/18/1	7 Tom Armstrong Ph: er	nail: TomArmstrong@mia	amibeachfl.gov
Comments:	Gec1700020 2N	D review 11/02/17				
	Sheet e01: 1. Show locati fill(LABLE ALL S 2. Plans show SHOW GENERA	on of the fuel port for TREETS AND ALLE <sup>1</sup> the generator next to TOR LOCATION CL	the generator to verify ho YS FOR VERIFICATION) the building and it appea OSE TO THE EXIT STAI	use does not have to pass w ars to be less than the 10' fo R DISCHARGE) (THIS SHA	ithin property line/under b r any exposure to the build LL BE A FIRE MARSHAL	uilding for ding(PLANS . ISSUE)
Correction: Gene	ral Correction			,		
Comments:	Gec1700020 1st	review 9/15/17				
	Sheet e01: 1. Provide a lii 2. Show locati 3. Plans show	fe safety plan showing on of the fuel port for the generator next to	g egress to the public way the generator to verify ho the building and it appea	/ to verify if location of the go se does not have to pass w ars to be less than the 10' fo	enerator hinders access ithin property line/under bi r any exposure to the build	uilding for fill ding
Correction: Gene Comments:	ral Correction					
Planning Review Correction: Gene	Status: Fail ral Correction	Assigned: 12/14	/17 Completed: 12/27/1	7 Giselle Deschamps Ph:	email: GiselleDescham	ps@miamibeachfl.
Comments:	1 Brovido olovot	tion plane that show t	he height of the generate	above grade and REE for f	urther review. The maximu	um haight of the
	equipment include to exceed ten fee permit that show 2. The generator screening. revise 3. provide a rece	ting attached screeni et above grade, as de s this must be screened fr e plans or provide a n int signed and sealed	ng elements, shall not exc fined in subsection 114-1 om view of the waterway naster permit that shows t survey for further review.	right of way with a physical of his.	flood elevation, with a ma located. Revise plans or p or landscaped elements ty	ximum height of the provide a master pically used for
	4. provide a site	plan that shows the p	proposed setbacks for the	propose generator.		
Connection. Gene Comments:	Tal Correction					
	1. Based on survequipment must	vey provided, sidewal show the height mea	k is not present on proper sured from Base Flood El	ty. As a result, proposed ge evation and Crown of Road	nerator and/or any other n	nechanical
Structural Review Correction: Gene	Status: Fail ral Correction	Assigned: 12/14,	/17 Completed: 12/18/1	7 Adalberto Viciedo Ph:	email: AdalbertoViciedo@	Dmiamibeachfl.gov
Comments:	GEC1700020 2. Please review 3. The masonry upward/downward 4. All critical load 6. Provide applic 7. Clarify genera Further review is	design to consider th wall shall be designed rd), 303 lbs/ft (weight I combinations shall b able structural notes tor to wall connection required after a com	ne lateral load. d for the following loads a downward). In addition d be considered. (concrete, reinforcement, h. plete set of drawings sub:	t the top: 12194/34=359 lbs/ irect wind on the wall and to masonry, soil preparation, e stantiated by calculations are	ft (wind horizontal), 504 lb p of generator (uplift) shal stc.) e submitted.	os/ft (wind I be considered.
	Further review is	required after a com	n. plete set of drawings sub:	stantiated by calculations are	e submitted.	

Bldg - PR - Generator - - New	Commercial	Version: 5	Date Reco	eived: 03/20/2018	Date Completed: 04/02/20	018 Status: Fail
Building Review Correction: Comments:	Status: Pass	Assigned	: 3/20/18	Completed: 3/22/18	Miguel Anderson Ph: ema	ail: MiguelAnderson@miamibeachfl.gov
Electrical Review Correction: Comments:	Status: Pass	Assigned	: 3/20/18	Completed: 3/22/18	Eric Merced Ph: email: E	ricMerced@miamibeachfl.gov
Fire Building Review Correction: Comments:	Status: Pass	Assigned	: 3/20/18	Completed: 3/23/18	Tom Armstrong Ph: email	: TomArmstrong@miamibeachfl.gov
Flood Review Correction: Gener Comments:	Status: Fail ral Correction GEC1700020	Assigned	: 3/22/18	Completed: 3/26/18	Herminia Perez Ph: email	: HerminiaPerez@miamibeachfl.gov
	1- Provide a no RESISTANT DI 2- New generat	e stating "All at SIGN AND CC or and all electr	tendant utili NSTRUCT ical compor	ities and equipment wi ION ASCE 24-14 Cha nents shall be elevated	ll be designed and constructe pter 7 and City of Miami Beac I to DESIGN FLOOD ELEVAT	d in compliance with FLOOD h ordinance Chapter 54 Floods". [ION +9.00' NGVD, correct sheet EM-01.
Mechanical Review Correction: Comments:	Status: Pass	Assigned	: 3/20/18	Completed: 3/24/18	Laura Ferrer Ph: email: L	auraFerrer@miamibeachfl.gov
Planning Review Correction: Gener Comments:	Status: Pass ral Correction	Assigned	: 3/20/18	Completed: 4/2/18	Giselle Deschamps Ph: e	mail: GiselleDeschamps@miamibeachfl.
	1. Based on sur equipment mus	vey provided, s t show the heig	idewalk is r	not present on property d from Base Flood Ele	<ul> <li>As a result, proposed gener vation and Crown of Road.</li> </ul>	ator and/or any other mechanical
Correction: Gener	ral Correction					
Comments:	1. Provide eleva equipment inclu to exceed ten fe permit that show 2. The generator screening. revis 3. provide a reo 4. provide a site	ation plans that ding attached s eet above grade vs this or must be scree e plans or prov ent signed and plan that show	show the he creening el , as defined ened from v ide a maste sealed surv s the propo	eight of the generator a ements, shall not exce d in subsection 114-1, iew of the waterway rig er permit that shows thi yey for further review. used setbacks for the p	above grade and BFE for furth ed five feet above current floo of the lot at which they are loo ght of way with a physical or la s. ropose generator.	her review. The maximum height of the od elevation, with a maximum height not cated. Revise plans or provide a master andscaped elements typically used for
Structural Review Correction: Gener	Status: Fail ral Correction	Assigned	: 3/20/18	Completed: 3/23/18	Adalberto Viciedo Ph: em	ail: AdalbertoViciedo@miamibeachfl.gov
Comments.	GEC1700020 Previous comm	ents remain uni	esolved. Th	ne proposed support s	ystem remains unstable unde	r lateral loads.
Bldg - PR - Generator -	Commercial	Version: 6	Date Reco	eived: 04/18/2018	Date Completed: 04/18/20	018 Status: Fail
Flood Review Correction: Gener Comments:	Status: Not R ral Correction	eviewAssigned	: 4/18/18	Completed: 4/18/18	Herminia Perez Ph: email	l: HerminiaPerez@miamibeachfl.gov
	GEC1700020 REQUIRED CC 1- Provide a no RESISTANT DI 2- New generat	RRECTIONS: te stating "All at ESIGN AND CC or and all electr	tendant utili NSTRUCT ical compor	ities and equipment wi ION ASCE 24-14 Cha nents shall be elevated	ll be designed and constructe pter 7 and City of Miami Beac to DESIGN FLOOD ELEVAT	d in compliance with FLOOD h ordinance Chapter 54 Floods". FION +9.00' NGVD, correct sheet EM-01.
Structural Review Correction: Gener	Status: Fail ral Correction	Assigned	: 4/18/18	Completed: 4/18/18	Adalberto Viciedo Ph: em	ail: AdalbertoViciedo@miamibeachfl.gov
	GEC1700020 At the 3X review	v meeting, the e	engineer ag	reed to redo drawings	and calculations.	