DOCKETED		
Docket Number:	24-OPT-04	
Project Title:	Potentia-Viridi Battery Energy Storage System	
TN #:	261414	
Document Title:	DR Response 2 - Attachment 26, Fire Master Plan	
Description:	This document provides the Fires Master Plan prepared for the Project.	
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Organization:	Dudek	
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## Attachment 26 Fire Master Plan



	ΓΙΟΝ	DESIGN DOCUMENTS AND PERMITS	1	
	ALLATION OF A BATTERY	PLANS AND SPECIFICATIONS ASSOCIATED WITH THE ESS INSTALLATION SHALL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION FOR APPROVAL [CFC SECTION 1207.1.3].		<b>ENGINEERS</b> 1939 Harrison Street, Suite 320 Oakland, CA 94612
<form>      Automation     Automation     Automation     Automation       Automation     Automa</form>		CONSTRUCTION PERMITS SHALL BE OBTAINED FOR STATIONARY ESS INSTALLATIONS. OPERATIONAL PERMITS SHALL BE OBTAINED FOR STATIONARY ESS INSTALLATIONS [CFC 1207.1.2]		ph 510.251.9578
<text></text>		SIGNAGE		www.coffman.com
	WILL EXCEED 600 kWh, BUILT IN MULTIPLE VITH AN ESTIMATED ORAGE CAPACITY OF	SIGNS SHALL BE PROVIDED ON EACH ESS ENCLOSURE TO INDICATE THE FOLLOWING [CFC SECTION 1207.4.8]:	•	
	<u> </u>	<ol> <li>"ENERGY STORAGE SYSTEMS" WITH SYMBOL OF LIGHTNING BOLT IN TRIANGLE.</li> <li>"LITHIUM-ION"</li> </ol>	D	
	CTION FOR THIS PROJECT IS	<ol> <li>"ENERGIZED ELECTRICAL CIRCUITS"</li> <li>EMERGENCY CONTACT INFORMATION</li> </ol>		
Best Status To St	LFIRE. RDS FOR THIS PROJECT AMENDED BY THE ALAMEDA	A PERMANENT PLAQUE OR DIRECTORY DENOTING THE LOCATION OF ALL ELECTRIC POWER SOURCE DISCONNECTING MEANS ON THE PREMISES SHALL BE INSTALLED AT EACH SERVICE EQUIPMENT LOCATION AND AT THE LOCATIONS OF THE SYSTEM DISCONNECTS FOR ALL ENERGY SOURCES CAPABLE OF BEING INTERCONNECTED [CFC SECTION 1207.4.1].		
	CEC), 2022 EDITION 22 EDITION ISTALLATION OF PRIVATE FIRE IRTENANCES, 2019 EDITION SION PREVENTION SYSTEMS,	SECURITY OF INSTALLATION THE ESS YARD WILL BE SECURED AGAINST UNAUTHORIZED ENTRY AND SAFEGUARDED BY FENCING. [CFC SECTION 1207.4.9]		
ALYSIS Construction Construc	& SIGNALING CODE, 2022 ISTALLATION OF STATIONARY 23 EDITION (GUIDANCE ONLY,	OUTDOOR INSTALLATION THE ESS SYSTEM SHALL COMPLY WITH CFC SECTION 1207.8 CODE REQUIREMENTS FOR OUTDOOR "REMOTE" INSTALLATIONS (DEFINED AS AT LEAST 100-FT FROM LOT-LINES).	-	
CHARTNER FOR CONTINUES CARECUMENT RECONSTRUCTION FOR CONTINUES AND CONTINUE	ALYSIS	MAXIMUM SIZE ESS ENCLOSURES WILL NOT EXCEED 53 FT x 8 FT x 9.5 FT [CFC SECTION 1207.5.6].		
CM JEAK OF EXPENSION CM JEAK	K-IN" TYPE CONTAINERS, CCESSIBLE FROM OUTSIDE PURPOSES, AND THERE IS NO BASED ON THIS CLOSURE IS CONSIDERED BINET) AND DOES NOT , CONSTRUCTION TYPE,	CLEARANCE TO EXPOSURES BATTERY ENCLOSURES WILL BE LOCATED AT LEAST 10-FEET FROM LOT LINES, PUBLIC WAYS, BUILDINGS, AND OTHER EXPOSURE HAZARDS [CFC SECTION 1207.8.3, EXCEPTION 1]. FURTHERMORE, THE SITE CAN BE CONSIDERED "REMOTE" AS ALL ENCLOSURES ARE LOCATED AT LEAST 100-FEET FROM LOT LINES.	•	POTENTIA-VIRIDI BATTERY ENERGY STORAGE SYSTEM
HIERS SMALL RE VIGINE HIER ROUTE ALL ALL CARENCE DUTIES AND	ION, MEANS OF EGRESS DO NOT APPLY TO THE ACCESS	SIZE AND SEPARATION CFC TABLE 1207.8 STATES THAT THE SPACING SEPARATION BETWEEN INDIVIDUAL GROUPS OF 50 KWH BATTERIES PER CFC SECTION 1207.5.1 DOES NOT APPLY WHERE THE OUTDOOR ESS IS "REMOTE" (I.E. AT LEAST 100-FT FROM LOT LINES).	с	
		WHILE THE REMOTE LOCATION EXEMPTION IS UTILIZED, THE DEVELOPER STILL INTENDS TO UTILIZE A BATTERY MANUFACTURER THAT HAS LARGE-SCALE TESTING (I.E. UL9540A) DOCUMENTING THE MAXIMUM ANTICIPATED FIRE SIZE WILL BE LIMITED.		
IAINS CREWS TO CAM       ALLOWAGE QUANTITIES TO DE EXCEDED DI         STATUS CREWS TO CAM       PRE DETECTION         SINU L CONFERENTION       THE ESS VILL COMPRESSION FORTH         SINU L EXTENT TO WITHIN       BUSIC CONFERENCE OF AN EXTENSION FOR THE SAN BIG DETECTION         SINU L CONFERENCE OF AN EXTENSION FOR THE SAN BIG DETECTION       BUSIC CONFERENCE OF AN EXTENSION FOR THE SAN BIG DETECTION         SINU L CONFERENCE OF AN EXTENSION FOR THE SAN BIG DE SAN DAWNER SAN BIG DE EXTENSION FOR THE SAN BIG DE SAN DAWNER SAN DAWNER SAN BIG DE SAN DAWNER SAN	G THE PROPERTY. WHERE DAD, A SIGN THAT IS VISIBLE VIDED PER CFC SECTION	MAXIMUM ALLOWABLE QUANTITIES THE ESS CAPACITY EXCEEDS THE MAXIMUM ALLOWABLE QUANTITY VALUE OF 600 KWh GIVEN FOR LITHIUM-ION BATTERIES IN CFC TABLE 1207.5. A HAZARDOUS MITIGATION ANALYSIS WILL BE DEVELOPED IN ACCORDANCE WITH CFC SECTION 1207.1.4 AND LARGE SCALE FIRE TESTING WILL BE COMPLETED IN ACCORDANCE WITH CFC SECTION 1207.1.5 TO PERMIT THE MAXIMUM		
SHALL EXERN TO WITHIN       THE ESS WILL COME PRE-INSTALLED WITH A SNORE, REE AND CAS DEFECTION AND SNORE DESCRIPTION SNORE DESCRIPTIO	TAINING KEYS TO GAIN THE FIRE CODE OFFICIAL.	FIRE DETECTION	•	LEVY ALAMEDA, LLC
EVALUONS       FIRE SUPPRESSION SYSTEM         SWAL CONFY WITH THE BONDOR WITH THE WITH SUBJECT OUTPORTS       OF SECTION 1207.65 ONLY REQUIRES A FIRE SUPPRESSION SYSTEM IN MURITS AND THE FUTURE SELECTED EQUIPMENT WILL NOT VITURE.         EFT MUST HAVE AN AROUND REE APPRATUS. BUTCH TO USE BY FIRE- SUBJECT OUTPORTS       OF SECTION 1207.65 ONLY REQUIRES A FIRE SUPPRESSION SYSTEM IN MURITS AND THE FUTURE SELECTED EQUIPMENT WILL NOT VITURE.         MATER       VALUE PREASON REPORTS THE SUBJECT DE COLUMNENT WILL NOT VITURE.         MURTHS       VEGETATION CONTROL COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT FOR MARKAN OF TEGRUSS SEPARATION COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT FOR MARKAN OF TEGRUSS SEPARATION COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT FOR MARKAN OF TEGRUSS SEPARATION         MURAN COVERED WATER FAX 142 (STADARD ON THE ALL BE PROVIDED DUTI NO CASE LESS THAN 10 FEET TOP SECTION 100 FEET AND ALL BE PROVIDED DUTI NO CASE LESS THAN 10 FEET TOP SECTION 100 FEET AND ALL BE PROVIDED DUTI NO CASE LESS THAN 10 FEET TOP SECTION 100 FEET AND ALL BE PROVIDED DUTI NO CASE LESS THAN 10 FEET TOP SECTION 100 FEET AND ALL BE PROVIDED DUTI NO CASE LESS THAN 10 FEET TOP SECTION 100 FEET AND ALL BE PROVIDED DUTI NO CASE LESS THAN 10 FEET TOP SECTION 100 FEET AND ALL BE PROVIDED DUTING AND THE MEANS OF EXERCISE AND ADD ALL BE PROVIDED THE MEANS OF EXERCISE AN ENDIDUNCE.         SMURCH DATARD AND MURCH IS DOTTION TO ALL THE ALL ALL BE PROVIDED TOP TO THE MEANS OF EXERCISE AND ADD ALL BE PROVIDED WITH ALL BE PROVIDED WITH ALL BE PROVIDED WITH ALL BE PROVIDED WITH ALL BE PROVIDED WITH ALL BE PARATOP THE MEANS OF THE PROVIDE OF ALL ALL BE PROVIDED WITH ALL BE PARATOP THE BALL ANDEX THE PROVIDE OF ALL ALL BE PROVIDED WITH ALL	_ SHALL EXTEND TO WITHIN CILITY AS MEASURED BY AN RIOR FACILITY [CFC 503.1.1].	THE ESS WILL COME PRE-INSTALLED WITH A SMOKE, FIRE AND GAS DETECTION SYSTEM DESIGNED OR AN EXTERNAL RADIANT ENERGY SENSING DETECTION SYSTEM (PENDING MANUFACTURER SELECTION). ALARM SIGNALS FROM THE DETECTION SYSTEM WILL BE TRANSMITTED TO THE SITE FIRE ALARM CONTROL PANEL AND EMERGENCY MANAGEMENT SYSTEM.		
SHALLOUDTY WITH THE       CFC SECTION 1207.61 ONLY REQUIRES A FIRE SUPPRESSION SYSTEM IN         SENDEWTH HURLAND       STRUCTED VERTICAL         ENVIOLT       VERTICAL         CET NUST HAVE AN MOUND THE APARATURS INFO USE BY FIRE       VERTICAL         VATER       VERTICAL         MALE FOR USE BY FIRE       VERTICAL CONTROL         MEANS OF EGRESS SEPARATION       SUPPLY AVAILABLE CFC FOR SERVICE VERTICAL CONTROL CONTRO	IFICATIONS	FIRE SUPPRESSION SYSTEM		
EET HUIST HAVE AN ARQUID FIRE APARATUS.       VEGETATION CONTROL         ILE FOR USE BY FIRE ARQUID FIRE APARATUS.       AREAS WITHIN 10 FEET ON BACH SIDE OF OUTDOOR ESS SHALL BE CLEARED OF COMPUSTINE VEGETATION AND OTHER COORDUSTRIE EGROWTH SINGLE SPECIMENS OF THEES, SHUBBERY, OR QUIT TATED GROWTH SINGLE SPECIMENS OF THEES, SHUBBERY, OR QUIT TATED GROWTH SINGLE SPECIMENS OF THEES, SHUBBERY, OR QUIT TATED GROWTH SINGLE SPECIMENS OF TREASULT TRANS. OR SMILLAR PLANTS USED AS ROUTD COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT ESS LOCATED OUTDOORS SHALL BE SEDARATED FROM ANY MEANS OF ESS HOW ANY THE THE CODE OFFICIAL TO ENSURE SAFE EGRESS HIRDWARK THERE COMPARE THAN 10 FET FROM ESS TECHNING NOT THE PRANTARY SUBJECT ON THE THE CODE OFFICIAL TO ENSURE SAFE EGRESS HIRDWARK THERE COMPARE THAN AND THE PROVIDED TO THE THE AND THE THE AND THE THE THE PRANTARY CITAL THE PROVIDED TO SUTTAD ON CASE LESS THON THE OWNED SO TECHNING THE THE AND THE THE AND THE THE AND THE FROM FOR JOINT ON THE THE AND THE PROVIDED THE THE AND THE PROVIDED AND THE THE AND THE THE AND THE THE AND THE THE AND THE PROVIDED AT RECOGNIZED WATER THE PROVIDED AT RECOMPLETATION THE SECOND PROVIDED AND THE THE AND THE THERE THE PROVIDED AT RECOMPLETATION THE AND THE PROVIDED WITH ETHER 11,A SWHETCH SO FOR OWNED THE AND THE THE AND THE PROVIDED AND THE THE AND THE THE AND THE THE THE THE PROVIDED AT RECOMPLETATION THE AND THE PROVIDED AND THE PROVIDED AND THE AND THE THE AND THE AND THE AND THE THE AND THE T	SHALL COMPLY WITH THE RDANCE WITH THE CFC: ED WIDTH 3STRUCTED VERTICAL	CFC SECTION 1207.5.5 ONLY REQUIRES A FIRE SUPPRESSION SYSTEM IN WALK-IN UNITS. THE PROPOSED ESS ENCLOSURES WILL BE NON-WALK-IN UNITS AND THE FUTURE SELECTED EQUIPMENT WILL NOT UTILIZE WATER-BASED FIRE SUPPRESSION FOR THERMAL RUNAWAY CONTROL.		NOT FOR CONSTRUCTION
AREAS WITHIN 10 FEET ON BACH SIDE OF OUTDOOR ESS SMALL BE CLEARED  AREAS WITHIN 10 FEET ON BACH SIDE OF OUTDOOR ESS SMALL BE CLEARED  SPECIMENS OF THEES, SHUBBERY, OR OUTTOOR ESS SMALL BE CLEARED  AREAS WITHIN 10 FEET ON BACH SIDE OF OUTDOOR ESS SMALL BE CLEARED  SPECIMENS OF THEES, SHUBBERY, OR OUTTOOR ESS SMALL BE CLEARED  AREAS WITHOUT WATER  A SREEN GRASS, NY, SUCCULCUE CLEARED, ON STALL LE SEPARATED FROM ANY MEANS OF COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT  AREAS WITHOUT WATER  AREAS WITHOUT WATER  AREAS WITHOUT WATER  AND FERFICATION  ESS LOCATED OUTDOORS SHALL BE SEPARATED FROM ANY MEANS OF EGRESS RAD ANY BUILDING.  ESS LOCATED OUTDOORS SHALL BE SEPARATED FROM ANY MEANS OF EGRESS RAD ANY BUILDING.  ESS LOCATED OUTDOORS SHALL BE SEPARATED FROM ANY MEANS OF EGRESS RAD ANY BUILDING.  ESS LOCATED OUTDOORS SHALL BE SEPARATED FROM ANY MEANS OF EGRESS RAD ANY BUILDING.  ESTIMATION SWITH ON ANY MEANS OF THE LEARES OF MERCY OF CC 1207.6.3. EXPLOSION CONTROL COMPLYING WITH CFC SECTION 127.5.81 THE ESS IS LOCATED MORE THAN 10 FT FROM THE MEANS OF EGRESS ROD MANY BUILDING.  EXPLOSION CONTROL  PROVIDED FOR LITHIUMION SEST ECHNOLOGIES.  INFO OF A DEFLAGRATION WILL BE EQUIPPED WITH EITHER 1)A NORE THE CONCISION FREVENTION WILL BE EQUIPPED WITH EITHER 1)A NORE THE FORMAD DAMPERS ACTIVATED BY GAS SENSORS TO MAINTAIN THE ENGTO OF A DEFLAGRATION EVENT.  EXPLORE WANDA A THERMAL RUNAWAY PROTECTION WILL BE PART OF THE BATTERY MANAGE CAPACITY OF 60.000 CONDED A TEACHENTRANCE ESHOLD VALUE OF 20 KWM ORE THERMAL RUNAWAY PROTECTION WILL BE PART OF THE PARMAL RUNAWAY THERMAL RUNAWAY PROTECTION WILL BE PART OF THE PARMA RUNAWAY THERMAL RUNAWAY PROTECTION WILL BE PART OF THE PARMAL RUNAWAY THERMAL RUNAWAY PROTECTION WILL BE PART OF THE PARMAL RUNAWAY THERMAL RUNAWAY PROTECTION WILL BE PART OF THE PARTING ANADE PART OF A DEFLAGRATION EVENT.  ESHOLD VALUE OF 20 KWM ORE THE PROVIDED WITH A LISTED DEVICE ON OTHER APPROVED FROM THE PROVIDED WITH A LISTED DEVICE ON OTHER APPROVED FROM THE PROVED THE PART OF THE PA	EET MUST HAVE AN	VEGETATION CONTROL	•	
ISUPLY AVAILABLE CFOR REAS WITHOUT WATER FAAL 12 (STANDARD ON RURAL FIREFIGHTING).       ESS LOCATED OUTDOORS SHALL BE SEPARATED FROM ANY MEANS OF EORESS AS REQUIRED BY THE FIRE CODE OFFICIAL TO ENSURE SAFE EORERS UNDER FIRE CODITIONS, BUT IN NO CASE LESS THAN 10 FT FROM THE MEANS OF EORESS AS A REQUIRED BY THE FIRE CODE OFFICIAL TO ENSURE SAFE EORERS UNDER FIRE CODITIONS, BUT IN NO CASE LESS THAN 10 FT FROM THE MEANS OF EORESS AS A REQUIRED BOY THE FIRE CODE OFFICIAL TO ENSURE SAFE EORERS UNDER FIRE CONTROL.         CALCULATIONS WHICH ARE APPLICABLE WHEN THE PROJECT THE APPLICABLE WHEN THE ESH OUVERT. THE APPLICABLE WHEN THE ESH OUVERT. THE APPLICABLE WHEN THE SUMMER STORAGE QUANTITY       EXPOSION CONTROL.         SWIDEA STECCORNZED WATER APPLICABLE WHEN THE SUMMER STORAGE QUANTITY       THE FUTURE ENCLOSURE SELECTION WILL BE EDUIPPED WITH EITHER 1) A SUSTEM FAAL DE SOCIOLON PREVENTION SYSTEM WHILE IDE ASS STOR WHEN THAT THE HAMMABLE BOSION PROVENTION SYSTEM WHILE END ASS SENSORS TO MAINTAIN THE HEAVER TO A DEFLAGRATION BLOW THE 25% OF THE LEL CASES GENERATED DURING THERMAL RUNAWAY, OR 2) A NFPA 68 DEFLAGRATION VIDEO AT EACH ENTRANCE SENDED DATE OF OPERCLUDE. DETECT AND AND CPC SECTION 1207 AS, THE ESS SYSTEM SHALL BE PROVIDED DEVICE OF OTHER APPROVED WITHING SYSTEM WHICH IS COMPLIANT TO UL 1973 AND UL 5540.       SHEET TITLE: FIRE MASTER PLAN         SHEET TITLE: SENDED DATUE OF 20 KWM STET IN FARLE BER OF COMPLIANT TO UL 1973 AND UL 5540.       SHEET TO: SHEET TO: FFEP-1_0         SHEET TO STALL LATION.       SHEET TO: SHEET TO: FFEP-1_0	VATER	AREAS WITHIN 10 FEET ON EACH SIDE OF OUTDOOR ESS SHALL BE CLEARED OF COMBUSTIBLE VEGETATION AND OTHER COMBUSTIBLE GROWTH. SINGLE SPECIMENS OF TREES, SHRUBBERY, OR CULTIVATED GROUND COVER SUCH AS GREEN GRASS, IVY, SUCCULENTS, OR SIMILAR PLANTS USED AS GROUND COVERS SHALL BE PERMITTED TO BE EXEMPT, PROVIDED THAT THEY DO NOT FORM A MEANS OF READILY TRANSMITTING FIRE. [CFC SECTION 1207.5.7]	в	
SUPPLY AVAILABLE, CFC REAS WITHOUT WATER FPA 142 (STANDARD ON IRURAL FIREFIGHTING).       ESS LOCATED OUTDOORS SHALL BE SEPARATED FROM ANY MEANS OF EGRESS AS REQUIRED BY THE FIRE CODE OFFICIAL TO ENSURE SAFE EGRESS INDER FIRE CODITIONS, BUILDING.         CALCULATIONS WHICH ARE RES. HOWEVER. THE APPLICABLE WHEN THE SS. HOWEVER. THE APPLICABLE WHEN THE SYNCIALLY IN THE 1.300 COBIN CONTROL       EXPLOSION CONTROL EGRESS FROM ANY BUILDING.         VIDEA FIRE CODITIONS, BUILDING.       EXPLOSION CONTROL EGRESS FROM ANY BUILDING.         VIDEA A RECOGNIZED WATER 3 WHICH IS DEFINED AS A 053.000 CALLONS. TO GOING CONTROL WATER STORAGE QUANTITY       THE FUTURE ENCLOSURE SELECTION WILL BE EQUIPPED WITH EITHER 1)A SYSTEM (FARS NDD DAMPERS) ACTIVATED BY CAS SENSORS TO MAINTAIN THE FLAMMABLE GAS CONCENTRATION BELOW THE 25% OF THE LEL GASES TO MINITAIN THE SYSTEM (FARS NDD DAMPERS) ACTIVATED BY CAS SENSORS TO MAINTAIN THE FLAMMABLE GAS CONCENTRATION BELOW THE 25% OF THE LEL GASES TO MINITAIN THE SYSTEM (FARS NDD DAMPERS) ACTIVATED BY CAS SENSORS TO MAINTAIN THE FLAMMABLE GAS CONCENTRATION BELOW THE 25% OF THE LEL GASES TO MINITAIN THE SWSTEM WHICH IS DORING THERMAL RUNAWAY PROTECTION RAGE CAPACITY OF 60.000       THE FUTURE ENCLOSURE SELECTION WILL BE FARS SYSTEM SHALL BE PROVIDED WITH A LISTED DEVICE OR OTHER APPROVED METHOD TO PRECULDUE, DETECTION AS REQUIRED BY CC TABLE 1207.6 AND CFC SECTION 1207.6.5, THE ESS SYSTEM SHALL BE PROVIDED WITH A LISTED DEVICE OR OTHER APPROVED METHOD TO PRECULDUE, DETECTION ANAVAGEMENT SYSTEM WHICH IS COMPLIANT TO UL 1973 AND UL 9540.       SHEET TITLE: FIRE MASTER PLAN          SHEET NO: EFFLOR OF 20 KWM DET THE PROJECT SHALL REMEMTS OF CFC CHAPTER       SHEET NO: FEPS - 1 _0         SHEET NO: EFFLOR OF 20 KWM DET THE PROJECT SHALL REMEMTS OF CFC CHAPTER <td></td> <td>MEANS OF EGRESS SEPARATION</td> <td></td> <td></td>		MEANS OF EGRESS SEPARATION		
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YPICALLY IN THE 1,300 CUBIC E-WATER STORAGE QUANTITI       PER CFC 1207.6.3. EXPLOSION CONTROL COMPLYING WITH CFC SECTION 911 SHALL BE PROVIDED FOR LITHIUM-ION ESS TECHNOLOGIES.       PROJ. NO.       2320         VIDE A "RECOGNIZED WATER 3 WHICH IS DEFINED AS A OR 30,000 GALLONS. TO FETY, SEPARATE 30,000 SUDED AT EACH ENTRANCE SPARE CAPACITY OF 60,000       THE FUTURE ENCLOSURE SELECTION WILL BE EQUIPPED WITH EITHER 1) A NFPA 68 EXPLOSION PREVENTION SYSTEM UTILIZING AN ACTIVE VENTILATION SYSTEM (FANS AND DAMPERS) ACTIVATED BY GAS SENSORS TO MAINTAIN THE FLAMMABLE GAS CONCENTRATION BELOW THE 25% OF THE LEI GASES GENERATED DURING THERMAL RUNAWAY; OR 2) A NFPA 68 DEFLAGRATION VENTING SYSTEM UTILIZING BUILT-IN PANELS TO CONTROL THE DISCHARGE ENERGY OF A DEFLAGRATION EVENT.       PROJ. NO.       2320         SYSTEM SHALL BE PROVIDED TOR THERMAL RUNAWAY; OR 2) A NFPA 68 DEFLAGRATION VENTING SYSTEM UTILIZING BUILT-IN PANELS TO CONTROL THE DISCHARGE ENERGY OF A DEFLAGRATION EVENT.       PROJ. NO.       2320         THERMAL RUNAWAY PROTECTION VENTING SYSTEM UTILIZING BUILT-IN PANELS TO CONTROL THE DISCHARGE ENERGY OF A DEFLAGRATION EVENT.       SHEET TITLE:       FIRE MASTER PLAN         SYSTEM SHALL BE PROVIDED WITH A LISTED DEVICE OR THER APPROVED METHOD TO PRECULUE, DE TECT AND MINIMAR THE MACTOR THERMAL RUNAWAY. THERMAL RUNAWAY PROTECTION WILL BE PART OF THE BATTERY MANAGEMENT SYSTEM WHICH IS COMPLIANT TO UL 1973 AND UL 9540.       SHEET TITLE:       FIRE MASTER PLAN         REVIEW AND APPROVAL REQUIRED THE ESS INSTALLATION.       SHEET NO:       SHEET NO:       SHEET NO:         REVIEW AND APPROVAL REQUIRED <b< td=""><td>RES. HOWEVER, THE</td><td>EXPLOSION CONTROL</td><td></td><td>REV DATE DESCRIPTION</td></b<>	RES. HOWEVER, THE	EXPLOSION CONTROL		REV DATE DESCRIPTION
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SYSTORAGE       THERMAL RUNAWAY PROTECTION         AS REQUIRED BY CFC TABLE 1207.6 AND CFC SECTION 1207.6.5, THE ESS SYSTEM SHALL BE PROVIDED WITH A LISTED DEVICE OR OTHER APPROVED METHOD TO PRECLUDE, DETECT AND MINIMIZE THE IMPACT OF THE BATTERY MANAGEMENT SYSTEM WHICH IS COMPLIANT TO UL 1973 AND UL 9540.       SHEET TITLE:         ESHOLD VALUE OF 20 KWh DRE THE PROJECT SHALL REMENTS OF CFC CHAPTER       SHEET TITLE:       FIRE MASTER PLAN         R PRELIMINARY ACCESS APPROVAL REVIEW AND APPROVAL REQUIRED THE ESS INSTALLATION.       SHEET NO:       SHEET NO:	OVIDE A "RECOGNIZED WATER 3 WHICH IS DEFINED AS A OR 30,000 GALLONS. TO FETY, SEPARATE 30,000 OVIDED AT EACH ENTRANCE DRAGE CAPACITY OF 60,000	THE FUTURE ENCLOSURE SELECTION WILL BE EQUIPPED WITH EITHER 1) A NFPA 69 EXPLOSION PREVENTION SYSTEM UTILIZING AN ACTIVE VENTILATION SYSTEM (FANS AND DAMPERS) ACTIVATED BY GAS SENSORS TO MAINTAIN THE FLAMMABLE GAS CONCENTRATION BELOW THE 25% OF THE LEL GASES GENERATED DURING THERMAL RUNAWAY; OR 2) A NFPA 68 DEFLAGRATION VENTING SYSTEM UTILIZING BUILT-IN PANELS TO CONTROL THE DISCHARGE ENERGY OF A DEFLAGRATION EVENT.		CHECKED DATE 7/15/24
AS REQUIRED BY CFC TABLE 1207.6 AND CFC SECTION 1207.6.5, THE ESS SYSTEM SHALL BE PROVIDED WITH A LISTED DEVICE OR OTHER APPROVED METHOD TO PRECLUDE, DETECT AND MINIMIZE THE IMPACT OF THERMAL RUNAWAY. THERMAL RUNAWAY PROTECTION WILL BE PART OF THE BATTERY MANAGEMENT SYSTEM WHICH IS COMPLIANT TO UL 1973 AND UL 9540. SHOLD VALUE OF 20 KWh DRE THE PROJECT SHALL REMENTS OF CFC CHAPTER REVIEW AND APPROVAL REQUIRED THE ESS INSTALLATION.		THERMAL RUNAWAY PROTECTION	•	SHEET TITLE:
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R PRELIMINARY ACCESS APPROVAL REVIEW AND APPROVAL REQUIRED THE ESS INSTALLATION.	ESHOLD VALUE OF 20 KWh DRE THE PROJECT SHALL REMENTS OF CFC CHAPTER		A	
R PRELIMINARY ACCESS APPROVAL REVIEW AND APPROVAL REQUIRED THE ESS INSTALLATION.		ന	<u>_</u>	
	R PRELIMINARY REVIEW AND A THE ESS INSTA	ACCESS APPROVAL PPROVAL REQUIRED ALLATION.		FP-1_0

Know what's below. Call before you dig. 5

SHEET 4 OF 7