

DPM - B BATTERY CALC							
HOCHIKI		FN-642ULADA					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
CHARGER	1 X.	0.01	0.01	1	0.01	0.01	
MODULE	1 X.	0.08	0.08	1	0.02	0.02	
AV-15	17 X.	0.0	0.0	17	0.065	1.105	
AV-30	2 X.	0.0	0.0	2	0.105	0.21	
AV-75	3 X.	0.0	0.0	3	0.181	0.567	
H-WP	1 X.	0.0	0.0	1	0.0	0.0	
TOTAL STAND-BY		0.170		TOTAL ALARM		1.882	
STAND BY 0.17 X 24hrs = 4.08Ah							
ALARM 1.882 X 0.084hrs = 0.16Ah (5 MINUTES)							
SUBTOTAL = 4.24Ah							
X 1.2 = 5.09Ah							
BATTERY SUPPLIED = 12Ah							
SPACE CAPACITY = 6.91							

DPM - C BATTERY CALC							
HOCHIKI		FN-642ULADA					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
CHARGER	1 X.	0.01	0.01	1	0.01	0.01	
MODULE	1 X.	0.08	0.08	1	0.02	0.02	
AV-15	5 X.	0.0	0.0	5	0.065	0.325	
AV-30	5 X.	0.0	0.0	5	0.105	0.525	
AV-75	7 X.	0.0	0.0	7	0.181	1.267	
H-WP	4 X.	0.0	0.0	4	0.0	0.0	
TOTAL STAND-BY		0.170		TOTAL ALARM		2.283	
STAND BY 0.17 X 24hrs = 4.08Ah							
ALARM 2.283 X 0.084hrs = 0.19Ah (5 MINUTES)							
SUBTOTAL = 4.28Ah							
X 1.2 = 5.01Ah							
BATTERY SUPPLIED = 12Ah							
SPACE CAPACITY = 6.87							

DPM - D BATTERY CALC							
HOCHIKI		FN-642ULADA					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
CHARGER	1 X.	0.01	0.01	1	0.01	0.01	
MODULE	1 X.	0.08	0.08	1	0.02	0.02	
AV-15	0 X.	0.0	0.0	0	0.065	0.00	
AV-30	2 X.	0.0	0.0	2	0.105	0.21	
AV-75	4 X.	0.0	0.0	4	0.181	0.756	
H-WP	2 X.	0.0	0.0	2	0.0	0.0	
TOTAL STAND-BY		0.170		TOTAL ALARM		1.076	
STAND BY 0.17 X 24hrs = 4.08Ah							
ALARM 1.076 X 0.084hrs = 0.09Ah (5 MINUTES)							
SUBTOTAL = 4.17Ah							
X 1.2 = 5.01Ah							
BATTERY SUPPLIED = 12Ah							
SPACE CAPACITY = 6.99							

DPM - E BATTERY CALC							
HOCHIKI		FN-642ULADA					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
CHARGER	1 X.	0.01	0.01	1	0.01	0.01	
MODULE	1 X.	0.08	0.08	1	0.02	0.02	
AV-15	0 X.	0.0	0.0	0	0.065	0.00	
AV-30	3 X.	0.0	0.0	3	0.105	0.315	
AV-75	7 X.	0.0	0.0	7	0.181	1.267	
H-WP	4 X.	0.0	0.0	4	0.0	0.0	
TOTAL STAND-BY		0.170		TOTAL ALARM		1.748	
STAND BY 0.17 X 24hrs = 4.08Ah							
ALARM 1.748 X 0.084hrs = 0.15Ah (5 MINUTES)							
SUBTOTAL = 4.23Ah							
X 1.2 = 5.07Ah							
BATTERY SUPPLIED = 12Ah							
SPACE CAPACITY = 6.93							

DPM - F BATTERY CALC							
HOCHIKI		FN-642ULADA					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
CHARGER	1 X.	0.01	0.01	1	0.01	0.01	
MODULE	1 X.	0.08	0.08	1	0.02	0.02	
AV-15	5 X.	0.0	0.0	5	0.065	0.325	
AV-30	5 X.	0.0	0.0	5	0.105	0.525	
AV-75	7 X.	0.0	0.0	7	0.181	1.267	
H-WP	4 X.	0.0	0.0	4	0.0	0.0	
TOTAL STAND-BY		0.170		TOTAL ALARM		2.283	
STAND BY 0.17 X 24hrs = 4.08Ah							
ALARM 2.283 X 0.084hrs = 0.19Ah (5 MINUTES)							
SUBTOTAL = 4.28Ah							
X 1.2 = 5.14Ah							
BATTERY SUPPLIED = 12Ah							
SPACE CAPACITY = 6.86							

DPM - G BATTERY CALC							
HOCHIKI		FN-642ULADA					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
CHARGER	1 X.	0.01	0.01	1	0.01	0.01	
MODULE	1 X.	0.08	0.08	1	0.02	0.02	
AV-15	0 X.	0.0	0.0	0	0.065	0.00	
AV-30	0 X.	0.0	0.0	0	0.105	0.00	
AV-75	12 X.	0.0	0.0	12	0.181	2.268	
H-WP	0 X.	0.0	0.0	0	0.0	0.0	
TOTAL STAND-BY		0.170		TOTAL ALARM		2.378	
STAND BY 0.17 X 24hrs = 4.08Ah							
ALARM 2.378 X 0.084hrs = 0.20Ah (5 MINUTES)							
SUBTOTAL = 4.28Ah							
X 1.2 = 5.14Ah							
BATTERY SUPPLIED = 12Ah							
SPACE CAPACITY = 6.86							

DPM - H BATTERY CALC							
HOCHIKI		FN-642ULADA					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
CHARGER	1 X.	0.01	0.01	1	0.01	0.01	
MODULE	1 X.	0.08	0.08	1	0.02	0.02	
AV-15	5 X.	0.0	0.0	5	0.065	0.325	
AV-30	0 X.	0.0	0.0	0	0.105	0.00	
AV-75	6 X.	0.0	0.0	6	0.181	1.086	
H-WP	1 X.	0.0	0.0	1	0.0	0.0	
TOTAL STAND-BY		0.170		TOTAL ALARM		1.561	
STAND BY 0.17 X 24hrs = 4.08Ah							
ALARM 1.561 X 0.084hrs = 0.13Ah (5 MINUTES)							
SUBTOTAL = 4.21Ah							
X 1.2 = 5.08Ah							
BATTERY SUPPLIED = 12Ah							
SPACE CAPACITY = 6.92							

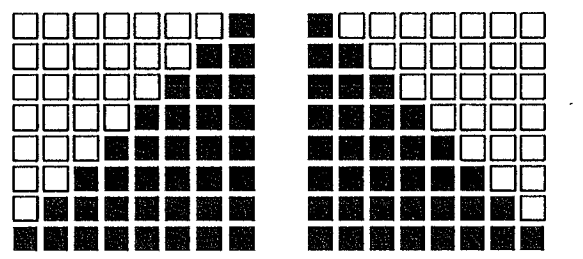
DPM - L BATTERY CALC							
HOCHIKI		FN-642ULADA					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
CHARGER	1 X.	0.01	0.01	1	0.01	0.01	
MODULE	1 X.	0.08	0.08	1	0.02	0.02	
AV-15	13 X.	0.0	0.0	13	0.065	0.845	
AV-30	5 X.	0.0	0.0	5	0.105	0.525	
AV-75	0 X.	0.0	0.0	0	0.181	0.00	
H-WP	1 X.	0.0	0.0	1	0.0	0.0	
TOTAL STAND-BY		0.170		TOTAL ALARM		1.48	
STAND BY 0.17 X 24hrs = 4.08Ah							
ALARM 1.48 X 0.084hrs = 0.124Ah (5 MINUTES)							
SUBTOTAL = 4.20Ah							
X 1.2 = 5.05Ah							
BATTERY SUPPLIED = 12Ah							
SPACE CAPACITY = 6.95							

DPM - M BATTERY CALC							
HOCHIKI		FN-642ULADA					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
CHARGER	1 X.	0.01	0.01	1	0.01	0.01	
MODULE	1 X.	0.08	0.08	1	0.02	0.02	
AV-15	8 X.	0.0	0.0	8	0.065	0.52	
AV-30	2 X.	0.0	0.0	2	0.105	0.210	
AV-75	4 X.	0.0	0.0	4	0.181	0.756	
H-WP	2 X.	0.0	0.0	2	0.0	0.0	
TOTAL STAND-BY		0.170		TOTAL ALARM		1.546	
STAND BY 0.17 X 24hrs = 4.08Ah							
ALARM 1.546 X 0.084hrs = 0.13Ah (5 MINUTES)							
SUBTOTAL = 4.21Ah							
X 1.2 = 5.06Ah							
BATTERY SUPPLIED = 12Ah							
SPACE CAPACITY = 6.94							

DPM - N BATTERY CALC							
HOCHIKI		FN-642ULADA					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
CHARGER	1 X.	0.01	0.01	1	0.01	0.01	
MODULE	1 X.	0.08	0.08	1	0.02	0.02	
AV-15	2 X.	0.0	0.0	2	0.065	0.13	
AV-30	4 X.	0.0	0.0	4	0.105	0.42	
AV-75	16 X.	0.0	0.0	16	0.181	3.024	
H-WP	2 X.	0.0	0.0	2	0.0	0.0	
TOTAL STAND-BY		0.170		TOTAL ALARM		3.684	
STAND BY 0.17 X 24hrs = 4.08Ah							
ALARM 3.684 X 0.084hrs = 0.31Ah (5 MINUTES)							
SUBTOTAL = 4.39Ah							
X 1.2 = 5.27Ah							
BATTERY SUPPLIED = 12Ah							
SPACE CAPACITY = 6.73							

DPM - P BATTERY CALC							
HOCHIKI		FN-642ULADA					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
CHARGER	1 X.	0.01	0.01	1	0.01	0.01	
MODULE	1 X.	0.08	0.08	1	0.02	0.02	
AV-15	10 X.	0.0	0.0	10	0.065	0.65	
AV-30	7 X.	0.0	0.0	7	0.105	0.735	
AV-75	12 X.	0.0	0.0	12	0.181	2.268	
H-WP	4 X.	0.0	0.0	4	0.0	0.0	
TOTAL STAND-BY		0.170		TOTAL ALARM		3.763	
STAND BY 0.17 X 24hrs = 4.08Ah							
ALARM 3.763 X 0.084hrs = 0.32Ah (5 MINUTES)							
SUBTOTAL = 4.40Ah							
X 1.2 = 5.28Ah							
BATTERY SUPPLIED = 12Ah							
SPACE CAPACITY = 6.72							

FACP - A BATTERY CALC							
HOCHIKI		FN-4127					
DEVICE	QTY.	DRAW	STAND-BY	QTY.	DRAW	ALARM	
FNV-DP	1 X.	0.08	0.08	1	0.133	0.133	
CHARGER	1 X.	1.5	1.5	1	0.0	0.0	
ANNUC.	1 X.	0.020	0.020	1	0.11	0.11	
FNV-MP	1 X.	0.216	0.216	1	0.216	0.216	
AV-15	18 X.	0.0	0.0	18	0.065	1.17	
AV-30	4 X.	0.0	0.0	4	0.105	0.420	
AV-75	17 X.	0.0	0.0	17	0.81	3.213	
H-WP	3 X.	0.0	0.0	3	0.0	0.0	
DETECTORS	382 X.	0.0	0.0	382	0.080	30.56	
TOTAL STAND-BY		1.12		TOTAL ALARM		35.822	
STAND BY 1.12 X 24hrs = 26.78Ah							
ALARM 35.822 X 0.084hrs = 3.009Ah (5 MINUTES)							
SUBTOTAL = 29.79Ah							
X 1.2 = 35.75Ah							
BATTERY SUPPLIED = 66Ah							
SPACE CAPACITY = 30.25							



ORDIZ MELBY
ARCHITECTS, INC.

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REGISTERED ARCHITECT
No. C-14728
MAY 31, 2015
STATE OF CALIFORNIA
DANNY E. ORDIZ, AIA
ARCHITECT C-14,728
WILLIAM J. MELBY, AIA
ARCHITECT C-16,835
CONSULTANT

IDENTIFICATION STAMP
DIVISION OF STATE ARCHITECT
OFFICE OF REGULATION SERVICES
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APPL # 02-112027
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DATE JAN 20 2012

NEW ELEMENTARY SCHOOL
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BAKERSFIELD
CALIFORNIA
93306

NEW MIDDLE SCHOOL
4115 VINELAND ROAD
BAKERSFIELD
CALIFORNIA
93306

FOR:
BAKERSFIELD CITY SCHOOL
DISTRICT
1300 BAKER STREET
BAKERSFIELD
CALIFORNIA
93305



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