FACILITIES SUBCOMMITTEE MEETING

Gilroy Unified School District
7810 Arroyo Circle, Gilroy, CA 95020 and via Zoom teleconference
9 a.m. Friday, Dec 8, 2023

1.

ITEM	PAGE #
A. Approval of minutes: Sept. 8, 2023	1
B. Time certain, 9 a.m.: Guillermo Ramos and Claudia Valencia, South Valley MS	

2. FACILITIES & NEW CONSTRUCTION (PAUL NADEAU)

ITEM	SITE	VENDOR	COST	FUNDING SOURCE	PAGE #
A. Installation of EV charging stations (2) **INFORMATION ONLY**	Brownell MS	GLS	$104,000	TBD	6
B. Delivery and assembly of G building furniture	South Valley MS	OTM	$1,936.00	Measure E	15
C. Utility scan for shade structure boring	Mt. Madonna HS, Rucker ES, Las Animas ES	GPRS	$3,600	ELOP	18
D. Bike cage fencing	Solorsano MS	ASI Inc.	$11,140	Site funds	24
E. Update on solar and shade projects **INFORMATION ONLY**	Multiple sites	N/A	N/A	N/A	26
F. Update on KB homes development on Club Dr. **INFORMATION ONLY**	Solorsano MS	N/A	N/A	N/A	27
G. Tree planting with OCF	Luigi ES	Our City Forest	$2,000	Site Funds	29
H. Relocation of buildings to ADB site	Antonio Del Buono ES site	Anaya Construction	$62,000	Measure E	30
I. Geotech and third-party Inspections	ADB ES site	Earth Systems Inc.	$47,962.90	Measure E	N/A
J. IOR services	ADB ES site	Jerry Furman	$17,500	Measure E	N/A
K. Architectural services for installation of cold storage	Luigi ES & Las Animas ES	Aedis Architecture	$427,380	Measure E	43
L. Alternative adds	ADB State Preschool	Flint	$1M	Measure E	50
M. IT relocation project	District Office	TBD	TBD	Measure E	52
N. COG key request	Gilroy Prep	N/A	$200	Maintenance	53
O. Replace heating units in gym **INFORMATION ONLY**	Gilroy Prep	Val's Plumbing	$195,440	Measure E	55

3. MAINTENANCE (MATT WOOLMAN)

ITEM	SITE	VENDOR	COST	FUNDING SOURCE	PAGE #
A. Change out restroom dispensers	All sites	Bradly	$0 - $50K	General Fund	57
B. Woodshop lathe approval	Christopher HS	In-house	N/A	CTE	61
C. Woodshop computer numerical contral (CNC) request	Christopher HS	Woodcraft of San Carlos	$15,375.18	Perkins	62
D. Tool cage	Maintenance & Operations yard	ESI	$11,268	RRM	66
E. Perimeter fencing request **INFORMATION ONLY**	Eliot ES	ASI	$215,452	RRM	68
F. Lighting submittals **INFORMATION ONLY**	District-wide	ABM	N/A	N/A	75
G. Generator submittals **INFORMATION ONLY**	D.O., Rucker ES	ABM only	N/A	N/A	125
H. Sewer line update (summer replacement) **INFORMATION ONLY**	El Roble ES	N/A	N/A	N/A	151
I. 6" sewer line break **INFORMATION ONLY**	El Roble ES	Plumbing America	N/A	N/A	N/A
J. Building E electrical issues **INFORMATION ONLY**	Christopher HS	BJG Construction	N/A	N/A	162
K. Main fire panel failure **INFORMATION ONLY**	Gilroy HS	Johnson Electronics	N/A	N/A	167
L. Microwave/fridge in classrooms? **INFORMATION ONLY**	All sites	N/A	N/A	N/A	N/A
M. New lunch tables **INFORMATION ONLY**	Luigi ES (11 tables) Las Animas (10) Glen View (12)	School Fix	About $2,200/table : – $24,200 (Luigi) – $22,000 (LA) – $26,400 (GV)	RRM	N/A
N. Window tinting protocol **INFORMATION ONLY**	District-wide	N/A	N/A	N/A	168

4. SAFETY & SECURITY (AURELIO RODRIGUEZ'S ITEMS)

ITEM	SITE	VENDOR	COST	FUNDING SOURCE	PAGE #
A. Bosch alarm replaced to a Verkada alarm **INFORMATION ONLY**	Brownell MS	QOVO	$63,687.63	N/A	169
B. Gunshot detection at the fields **INFORMATION ONLY**	Gilroy HS and Christopher HS	EAGL	$20,525 recurring monthly	N/A	179

			cost $491.25		
C. Second intercom in admin building **INFORMATION ONLY**	Rucker ES	QOVO	N/A	N/A	N/A
D. Access Control at the Migrant Ed double doors **INFORMATION ONLY**	District Office	QOVO	$7301.77	N/A	187

5. ALVARO MEZA'S ITEMS

ITEM	SITE	VENDOR	COST	FUNDING SOURCE	PAGE #
A. Walking path	Glen View ES	KYA Services	$271,282.80 (50% cost share with SCCOE)	Measure E	198

6. FACILITY MODIFICATION REQUESTS (MARISSA VAN PATTEN)

ITEM	SITE	VENDOR	COST	FUNDING SOURCE	PAGE #
A. Bike repair station	Christopher HS	Dero	$2,321.27	Site funds	205
B. Grass replacement	Solorsano MS	TBD	TBD	TBD	217
C. Wellness Center	South Valley MS	TBD	TBD	TBD	220

7. OTHER PROJECTS/FACILITY ISSUES AT SITES

SITES		
ANTONIO DEL BUONO ES	BROWNELL MS	CHRISTOPHER HS
ELIOT ES	SOLORSANO MS	GECA
EL ROBLE ES	SOUTH VALLEY MS	GILROY HS
GLEN VIEW ES		MT. MADONNA HS
LAS ANIMAS ES		
LUIGI APREA ES	DISTRICT OFFICE	
ROD KELLEY ES		
RUCKER ES		

NEXT MEETING: 9 A.M. FRIDAY, TBD, 2023

FACILITIES SUBCOMMITTEE MINUTES

Gilroy Unified School District
9 a.m. Friday, Sept. 8, 2023

PRESENT

Maribel Guizar	Anna O'Connor	Marissa Van Patten
Alvaro Meza	James Pace	Matt Woolman
Anisha Munshi	Linda Piceno	
Paul Nadeau	Aurelio Rodriguez	

1.

ITEM
A. Approval of minutes: Aug. 4, 2023
MINUTES B. First lp Second jp C. All in favor to approve.
D. Time certain, 9 a.m.: ABM Building Solutions
MINUTES • From ABM: Tony Roehrick, Derek R., Stefan Slattery, Robert Stanton. • Discussed scope and pricing. Lighting and backup generation project for D.O. and Rucker. • $315K in utility incentives paid directly to district. $100K PG&E rebate for generators. • Impacts on project cost refresh: 6.4% increase over price presented in spring. $145,329. New price is $2,417,100. Lighting increase is because work will be done on second shift (after school). Generator increase of $18K because of equipment cost increase. Lighting has to be installed by PG&E deadline to qualify for deadline. • 15-year cash flow. Projected project cost is $2,417,000; net cost is $1,822,100. • Lighting only a standalone project is $1,929,932; net cost is $1,434,932. Commercial-grade light bulbs of at least 60K hours with useful life of 15 years. • Retail-quality bulbs have life of 36K hours. Commercial quality-bulbs come with 10-year material warranty and 1-year labor warranty. • Lighting upgrades would be at every district site. The project would be completed in about three months. The goal is to be done by March. Four to six technicians would work on the project. Florescent lamps will to go approved recycler. • Proposed natural gas generators would keep Rucker and D.O. operational during a utility power outage. • The agreement would include all permitting, site preparation, electric connections. • Next steps: This is approved to go to the board for approval.

2. FACILITIES & NEW CONSTRUCTION (PAUL NADEAU)

ITEM	SITE	VENDOR	COST	FUNDING SOURCE
A. Facilities modification form	N/A	N/A	N/A	N/A
MINUTES • This form would be used to initiate and access requests that come from sites for Facilities and Maintenance. It will help to identify project needs, funding and feasibility. • Matt suggests making the form available in the Facilitron work order system. • Dr. Munshi would like the goals updated. • Next steps: This will be implemented.				
B. Updated contract with Kasavan Architects	Las Animas ES	Kasavan Architects	$10,000	Measure E
MINUTES • Kasavan is working on closing out projects with the Division of the State Architect (DSA). This would be for extremely limited in scope. • Next steps: This will go to the board for approval.				
C. Appliances	South Valley MS	Home Depot	$3,710.32	Measure E
MINUTES • This for refrigerator for life skills classroom and lactation room. • A corrected quote will go the board for fridges that are the correct size. • Next steps: This will go the board for approval.				
D. New GPRS requirements for contractors	All	All	N/A	N/A
MINUTES • Ground penetration radar survey. This would set a policy for any projects that require digging at district sites. • Next steps: The committee approves this new procedure.				
E. **REQUEST** for new sign / shade structure	Preschool at Glen View ES	TBD	TBD	TBD
MINUTES • The sign in front of this preschool site is faded, has incorrect information and is facing the wrong direction. • The requested shade structure would be near or over the playground. • Next steps: Paul will research prices for new sign, after confirming the official name of the preschool site. He'll also gather more information about the shade.				

F.	Fire alarm system design	Mt. Madonna HS	Atium Eng.	$23,900	Deferred Maintenance

MINUTES

- Atrium will design a new fire alarm system.
- The implementation will be $140K for a different vendor. That contract will go to the board in the second September board meetings.
- Next steps: This will go to the board for approval.

G.	New contract with ARC Document Solutions, Inc.	N/A	Arc Document Solutions Inc.	$5,000	Measure E

MINUTES

- This is a renewal of a contract for the large-scale printer in Facilities.
- Next steps: This will go to the board for approval.

H.	SecureBids Contract	N/A	Colbi Tech	$3,500	Measure E

MINUTES

- This would create repository for bid documentation. It would be helpful for future public records act (PRA) requests, for example.
- First year would be $3K, additional years $3.5K each.
- Next steps: This will go to the board for approval.

I.	**REQUEST** for new pressbox, lights, scoreboard & AV (stadium), HVAC in gym, basketball courts in quad	Gilroy HS	TBD	TBD	TBD

MINUTES

- Request 1: Permanent basketball hoops near the B building. Students have been using portable hoops. Until permanent solution can be implemented, maintenance staff can add basketball striping to enhance the area.
- Request 2: A new or refreshed pressbox in stadium. This would be a significant project, rough estimate of $350K or more.
- Request 3: Update outdated scoreboard and lighting. Modern LED lighting was quoted at $510K last year.
- Next steps: Paul will continue researching rough numbers for all of these requests.

J.	Offer of free trees from Google	Any	Google / irrigation vendor	~$100K	Deferred Maintenance

MINUTES

- Google has overstock of trees.
- The district would be responsible for $100K in associated costs for moving services, irrigation, etc.
- Dr. Munshi recommends looking into grant funding.
- Next steps: Paul will research grant opportunities.

3. MAINTENANCE (MATT WOOLMAN)

ITEM	SITE	VENDOR	COST	FUNDING SOURCE
A. Quote for natural gas generator	District office	Silver Creek Electric	$324,000	Fund 35 (state-matching funds)
MINUTES • Matt says the ABM proposals are less than what in quotes he's received for similar equipment. • Matt recommends the ABM project for generator. • Next steps: The committee approves the ABM proposal.				
B. **REQUEST** to move two trees (planted by My City Forest) **INFORMATION ONLY**	Eliot ES	N/A	N/A	N/A
MINUTES • The principal has requested that these trees be moved because they are in the way of students playing soccer. The trees were planted in last year. • Next steps: The committee does not approve this request.				

4. ALVARO MEZA'S ITEMS

ITEM	SITE	DETAILS
A. Amended Board Policy 3600, Consultants. Threshold for Board contracts.	All sites	Ratification contracts below threshold would be itemized on a list to the Governing Board. A sample from another district is attached. *NOTE: Contracts funded by bonds will continue to follow the current process.*
MINUTES • New language says contracts for $30K go to the board. Contracts below the threshold goes as on an itemized list of ratifications. • James and Linda would like to consider limiting those going for this type of ratification to non-instructional vs. instruction contracts. • Next steps: The committee would like to this brought back to discuss at another time.		

5. MARIBEL'S ITEMS

ITEM	SITE	VENDOR	COST	FUNDING SOURCE
A. Update on cybersecurity steps **INFORMATION ONLY**	All sites	N/A	N/A	N/A

MINUTES

- Completed items:
  - Identity and access management: Streamlining of network access for students, staff, etc. Most student-accessed services have been moved to be cloud-based, not locally hosted.
  - Identity and access management for IT staff with authentication tools like DUO, Authenticator and SMS. IT is also using Keeper Security for administrative password store and management.
  - Reduced footprint of service accounts to better track issues and breaches.
  - Implemented single sign-on for dozens with Google IdP and Clever IdP. IT continues on integrating applications into either Google or Clever.
  - Aeries is the latest application to be integrated into SSO.
  - VPN for access to internal network is available for a handful of services and limited users.
  - IT is working on moving from a perimeter network architecture (PNA) to zero trust architecture (ZTA). ZTA will add additional identity verification levels to check who is accessing district resources. This process includes improving password policies, enforcing Google Drive rules and policy; multifactor authentication.
  - Also implemented: web filter, anti-virus protection, network access control.
- In progress: Fire software upgrades, email filters.
- Coming up: Cloud assessments, core network updates, work on back-up processes, awareness training, endpoint protection.
- Estimated cost: $1,329,800. Recurring costs: $737,150.
- Dr. Munshi suggests rolling out multifactor implementation in phases in smaller groups to test how it works.
- This plan would be partly paid from one-time funds.
- Next steps: This presentation will be developed for an eventual board presentation, including an implementation plan.

NEXT MEETING: 9 A.M. FRIDAY, Oct. 6, 2023

306 Mathew Street
Santa Clara, CA 95050
(408)298-6670
LIC# C10-466869

TO:	Gilroy Unified School District	DATE:	10/19/2023
ATTENTION:	Paul Nadeau	PHONE:	(408)726-1686
REFERENCE	Brownell - EV Chargers	EMAIL:	paul.nadeau@gilroyunified.org

PROPOSAL

Description of proposed work:

We are pleased to present this proposal to install (2) Dual Head Chargers at Brownell Elementary School in Gilroy, CA. To install the (2) chargers. GLS also needs to install a 225KVA Transformer and 225A 120/208V Panel.

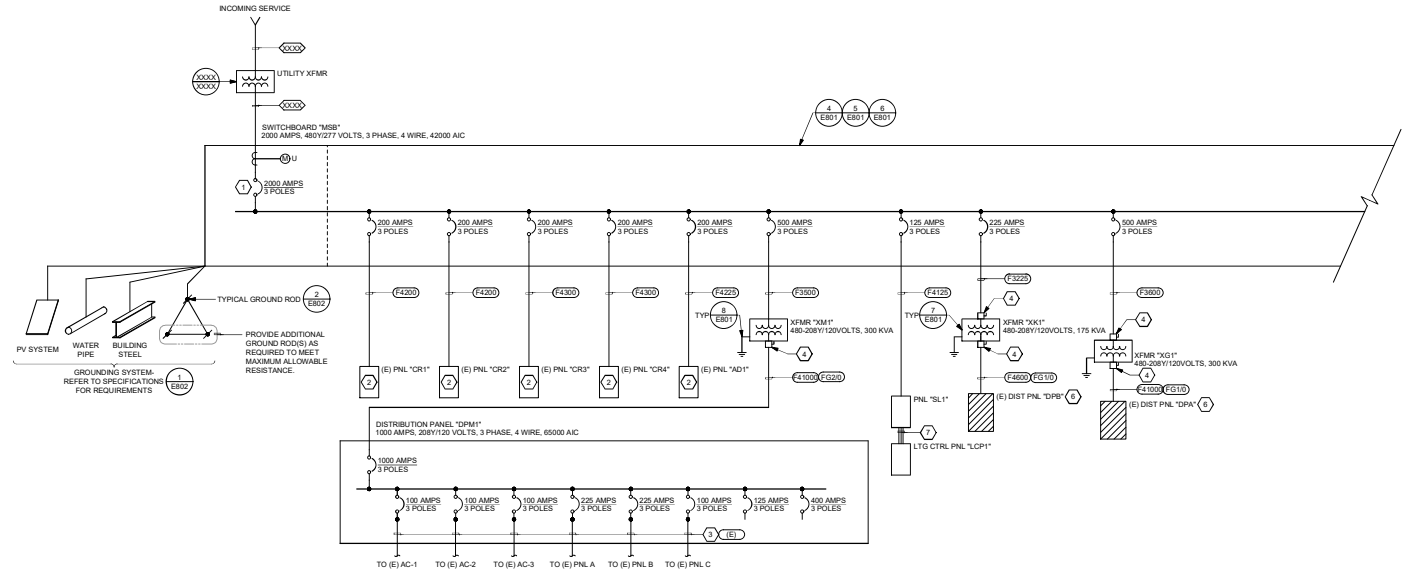
Scope Includes:

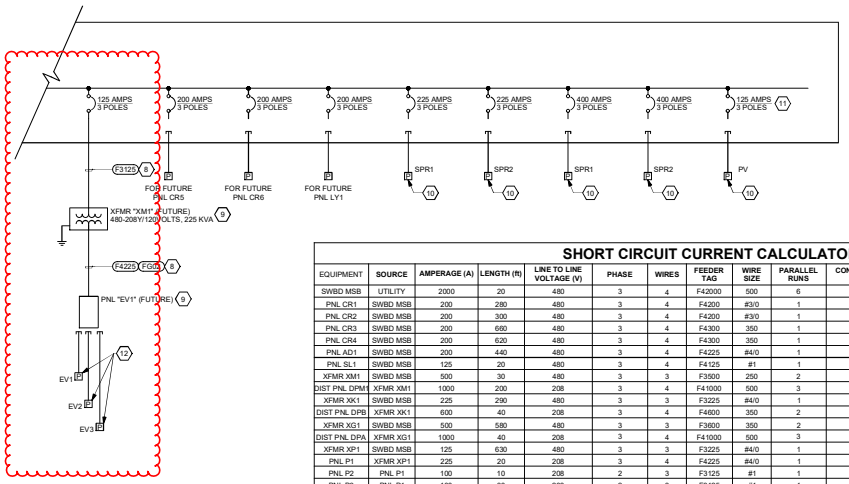
- Install (N) 225A 120/208V Panel
- Install (N) 225KVA Xfmr. And groundwell
- Utilize (E) 125A/3P Breaker in MSB
- Off-hours included for MSB shutdown
- Install #4 feeders to new chargers
- Provide and install (2) pedastal mount Dual-Head ChargePoint 4000
- Mount pedestals on sidewalk
- Patch concrete to match existing

Lump Sum - $104,000.00

Exclusions and Clarifications

- This is a "lump sum" proposal.
- Work to be completed on normal hours
- Electrical and structural design is excluded
- Permits and fees are excluded
- Caulking, patching, and painting is excluded





SHORT CIRCUIT CURRENT CALCULATOR AND VOLTAGE DROP

EQUIPMENT	SOURCE	AMPERAGE (A)	LENGTH (ft)	LINE TO LINE VOLTAGE (V)	PHASE	WIRES	FEEDER TAG	WIRE SIZE	PARALLEL RUNS	CONDUCTOR TYPE	CONDUIT TYPE	MINIMUM AIC	VOLTAGE DROP	VOLTAGE DROP %	SOURCE FAULT CURRENT	WIRE UPSIZE AMPERAGE OVERRIDE
SWBD MSB	UTILITY	2000	20	480	3	4	F42000	500	6	CU	PVC	31061	0.31	0.06	31377.73202	2000
PNL CR1	SWBD MSB	200	280	480	3	4	F4200	#3/0	1	CU	PVC	9092	7.50	1.56	31061.21152	200
PNL CR2	SWBD MSB	200	300	480	3	4	F4200	#3/0	1	CU	PVC	8654	8.03	1.67	31061.21152	200
PNL CR3	SWBD MSB	200	660	480	3	4	F4300	350	1	CU	PVC	8150	8.73	1.82	31061.21152	300
PNL CR4	SWBD MSB	200	620	480	3	4	F4300	350	1	CU	PVC	8532	8.20	1.71	31061.21152	300
PNL AD1	SWBD MSB	200	440	480	3	4	F4225	#4/0	1	CU	PVC	7655	9.48	1.97	31061.21152	225
PNL SL1	SWBD MSB	125	20	480	3	4	F4125	#1	1	CU	PVC	23245	0.65	0.14	31061.21152	125
XFMR XM1	SWBD MSB	500	30	480	3	3	F3500	250	2	CU	PVC	28564	0.68	0.14	31061.21152	500
DIST PNL DPM1	XFMR XM1	1000	200	208	3	4	F41000	500	3	CU	PVC	20001	3.12	1.50	28564.02074	1000
XFMR XK1	SWBD MSB	225	290	480	3	3	F3225	#4/0	1	CU	PVC	10301	7.03	1.46	31061.21152	225
DIST PNL DPB	XFMR XK1	600	40	208	3	4	F4600	350	2	CU	PVC	9671	0.79	0.38	10301.39503	600
XFMR XG1	SWBD MSB	500	580	480	3	3	F3600	350	2	CU	PVC	13897	9.58	2.00	31061.21152	600
DIST PNL DPA	XFMR XG1	1000	40	208	3	4	F41000	500	3	CU	PVC	13341	0.62	0.30	13896.70691	1000
XFMR XP1	SWBD MSB	125	630	480	3	3	F3225	#4/0	1	CU	PVC	5776	8.48	1.77	31061.21152	225
PNL P1	XFMR XP1	225	20	208	3	4	F4225	#4/0	1	CU	PVC	5451	0.48	0.23	5775.668568	225
PNL P2	PNL P1	100	10	208	2	3	F3125	#1	1	CU	PVC	5103	0.15	0.07	5450.606657	100
PNL P3	PNL P1	100	30	208	2	3	F3125	#1	1	CU	PVC	4526	0.45	0.22	5450.606657	100
PNL P4	PNL P1	100	50	208	2	3	F3125	#1	1	CU	PVC	4066	0.75	0.36	5450.606657	100
PNL P5	PNL P1	100	70	208	2	3	F3125	#1	1	CU	PVC	3691	1.05	0.51	5450.606657	100
PNL CR5	SWBD MSB	200	510	480	3	4	F4250	250	1	CU	PVC	7819	9.20	1.92	31061.21152	250
PNL CR6	SWBD MSB	200	510	480	3	4	F4250	250	1	CU	PVC	7819	9.20	1.92	31061.21152	250
PNL LY1	SWBD MSB	200	430	480	3	4	F4225	#4/0	1	CU	PVC	7788	9.26	1.93	31061.21152	225

SINGLE LINE DIAGRAM
PHASE 1

1 NOT TO SCALE

ELECTRICAL FEEDER TABLE (COPPER)

3 WIRE + GROUND

FEEDER CODE	CONDUIT	PHASE	NEUTRAL	EQUIP. GROUND	ISOLATED GROUND
F340	(1)1	3#8	-	1#10	-
F350	(1)1	3#6	-	1#8	-
F370	(1)1 1/4	3#4	-	1#8	-
F390	(1) 1 1/4	3#2	-	1#8	-
F3125	(1) 1 1/2	3#1	-	1#6	-
F3150	(1) 1 1/2	3#1/0	-	1#6	-
F3175	(1) 2	3#2/0	-	1#6	-
F3200	(1)2	3#3/0	-	1#6	-
F3225	(1)2	3#4/0	-	1#4	-
F3250	(1)2 1/2	3#250	-	1#4	-
F3300	(1)3	3#350	-	1#4	-
F3350	(1)4	3#500	-	1#2	-
F3400	(2)2	6#3/0	-	2#2	-
F3450	(2)2 1/2	6#4/0	-	2#1	-
F3500	(2)2 1/2	6#250	-	2#1	-
F3600	(2)3	6#350	-	2#1	-
F3700	(2)3	6#500	-	2#1/0	-
F3800	(3)3	9#350	-	3#1/0	-
F31000	(3)4	9#500	-	3#2/0	-

4 WIRE + GROUND

FEEDER CODE	CONDUIT	PHASE	NEUTRAL	EQUIP. GROUND	ISOLATED GROUND
F440	(1)1	3#8	1#8	1#10	-
F450	(1)1 1/4	3#6	1#6	1#8	-
F470	(1) 1 1/4	3#4	1#4	1#8	-
F490	(1) 1 1/2	3#2	1#2	1#8	-
F4125	(1) 2	3#1	1#1	1#6	-
F4150	(1)2	3#1/0	1#1/0	1#6	-
F4175	(1)2	3#2/0	1#2/0	1#6	-
F4200	(1)2 1/2	3#3/0	1#3/0	1#6	-
F4225	(1)2 1/2	3#4/0	1#4/0	1#4	-
F4250	(1)3	3#250	1#250	1#4	-
F4300	(1)3	3#350	1#350	1#4	-
F4350	(1)4	3#500	1#500	1#2	-
F4400	(2)2 1/2	6#3/0	2#3/0	2#2	-
F4450	(2)2 1/2	6#4/0	2#4/0	2#1	-
F4500	(2)3	6#250	2#250	2#1	-
F4600	(2)3	6#350	2#350	2#1	-
F4700	(2)4	6#500	2#500	2#1/0	-
F4800	(3)3	9#350	3#350	3#1/0	-
F41000	(3)4	9#500	3#500	3#2/0	-

2 WIRE + GROUND

FEEDER CODE	CONDUIT	PHASE	NEUTRAL	EQUIP. GROUND	ISOLATED GROUND
F2350	(1)2 1/2	2#400	-	1#2	-
F2700	(2)3	4#500	-	2#1/0	-
F21000	(3)3	6#500	-	3#2/0	-

GROUND

FEEDER CODE	CONDUIT	PHASE	NEUTRAL	EQUIP. GROUND	ISOLATED GROUND
FG02	(1)1	-	-	1#2	-
FG1/0	(1)1	-	-	1#1/0	-
FG2/0	(1)1	-	-	1#2/0	-

NOTES:
A. CONDUIT SIZES ARE MINIMUM. USE 1" COUNT MINIMUM FOR UNDERGROUND WORK
B. ABOVE 86 DEG. F (30 DEG. C) AMBIENT INCREASE WIRE SIZE PER NATIONAL ELECTRICAL CODE (NEC)
C. DERATE WIRE SIZE PER NEC FOR MORE THAN (3) CURRENT-CARRYING WIRES IN CONDUIT AND CONDUIT FILL

GENERAL NOTES

A. ALL CIRCUIT BREAKERS PROTECTING FIRE ALARM EQUIPMENT SHALL BE MARKED AND IDENTIFIED PER NFPA 72.

B. CERTAIN FEEDER AND BRANCH CIRCUIT WIRE SIZES HAVE BEEN OVERSIZED TO COMPENSATE FOR VOLTAGE DROP. SPLICE WIRES TO COMPATIBLE SIZES FOR TERMINATION, ADJACENT TO EQUIPMENT CONNECT AS REQUIRED.

C. THE CONTRACTOR SHALL PROVIDE, INCLUDING BUT NOT LIMITED TO, A THIRD PARTY SHORT CIRCUIT ANALYSIS, A PROTECTIVE DEVICE TIME-CURRENT COORDINATION ANALYSIS, AND A FLASH-ARC HAZARD ANALYSIS FOR ALL POWER DISTRIBUTION EQUIPMENT. SIX COPIES OF THESE STUDIES AND ALL TEST RESULTS SHALL BE PROVIDED TO THE ARCHITECT AND THE ELECTRICAL ENGINEER OF RECORD STAMPED DOCUMENTS AS PART OF THE "AS-BUILT" DOCUMENTATION TO CLOSE OUT THE PROJECT.

D. PER CEC 110.16 THE CONTRACTOR SHALL PROVIDE AND INSTALL PERMANENTLY ATTACHED ARC FLASH HAZARD LABELS FOR ALL NEW POWER DISTRIBUTION EQUIPMENT. THE LABEL SHALL BE PROFESSIONALLY PRINTED AND INCLUDE THE FOLLOWING INFORMATION:
a. EXISTENCE OF THE ARC FLASH HAZARD FLASH PROTECTION BOUNDARY
b. INCIDENT ENERGY AT 18" EXPRESSED IN CAL/CM2
c. PPE CLOTHING REQUIRED
d. VOLTAGE SHOCK HAZARD
e. LIMITED SHOCK APPROACH BOUNDARY
f. RESTRICTED SHOCK APPROACH BOUNDARY
g. PROHIBITED SHOCK APPROACH BOUNDARY

(#) SHEET NOTES

1. PROVIDE GFI PROTECTION ON MAIN CIRCUIT BREAKER PER CEC 230.95
2. PROVIDE CONNECTION TO PANEL PROVIDED BY MODULAR BUILDING MANUFACTURER.
3. PROVIDE BREAKERS IN DISTRIBUTION PANEL DPM1 AS REQUIRED TO RECONNECT EXISTING LOADS IN DEMOLISHED PANEL. EXTEND EXISTING FEEDERS TO NEW BREAKERS AS REQUIRED TO RESTORE ALL SYSTEMS TO A FULLY FUNCTIONAL STATE.
4. PROVIDE TRANSFORMER INTEGRAL BREAKER, MOUNTED BY THE MANUFACTURER.
5. NOT USED.
6. PROVIDE CONNECTION TO EXISTING PANEL FROM NEW POWER DISTRIBUTION SYSTEM.
7. PROVIDE BRANCH CIRCUIT CONNECTIONS FROM PANEL SL1 TO POWER INPUT AND LIGHTING CONTROL RELAYS ON LCP1. REFER TO LIGHTING CONTROL SCHEDULES FOR ADDITIONAL INFORMATION.
8. PROVIDE CONDUIT ONLY DURING THIS PHASE OF WORK. STUB CONDUITS UP AT EQUIPMENT LOCATIONS SHOWN ON PLAN.
9. FUTURE EQUIPMENT, NOT PROVIDED AS PART OF THIS PROJECT.
10. STUB SPARE CONDUITS FROM SWITCHBOARD TO SITE PULL BOX LOCATION. REFER TO SITE PLAN FOR SIZE AND QUANTITY OF SPARE CONDUITS.
11. BREAKER FOR FUTURE PV SYSTEM. LOCATE BREAKER ON OPPOSITE END OF BUS FROM MAIN BREAKER.
12. STUB SPARE CONDUITS FROM FUTURE PANEL EV LOCATION TO SITE PULL BOX LOCATION. REFER TO SITE PLAN FOR SIZE AND QUANTITY OF SPARE CONDUITS.

APPROVED
DIV. OF THE STATE ARCHITECT
APP 01-118187 INC 01
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 07/02/2019

aedis architects
www.aedisarchitects.com
3875 1st Street, Suite 300
San Jose, CA 95113
tel: (408)-300-5160
fax: (408)-300-5121

INCREMENT 1

PROJECT
BROWNELL MIDDLE SCHOOL REBUILD & MODERNIZATION

GILROY UNIFIED SCHOOL DISTRICT

CONSULTANT
ELECTRICAL ENGINEERS
3533 York Lane
San Ramon, CA 94582
tel: 913.961.1658
email: mainc@attumeng.com

STAMP

REVISIONS
No. Description Date
△

MILESTONES
50% CD
95% CD 05/15/2019
DSA SUB 05/15/2019

SHEET
DIAGRAMS
POWER
PHASE 1

DATE 03.15.19
JOB # 2018029
SHEET # 1-E610

FILE LOCATION: D:\01_projects\aedis architects_08\1808.72 - brownell ms modernization\06_drawings\INCREMENT 1\1808.72 - 1-E610 - POWER DIAGRAMS.dwg
LAST SAVED ON: 8/19/19 at 12:21pm, PLOTTED ON: 8/20/19 at 8:37am

CT4000 Level 2 Commercial Charging Station

Specifications and Ordering Information



CT4021

Ordering Information

The order codes below represent specific product configurations. Other product options are available. Please contact ChargePoint Sales for information and order codes.

Specify model number followed by the applicable code(s).
The order code sequence is: **Model-Options**. **Software**, **Services** and **Misc** are ordered as separate line items.

Hardware

Description		Order Code
Model	1830 mm (6 ft) Single Port Bollard Mount	CT4011-GW1
	1830 mm (6 ft) Dual Port Bollard Mount	CT4021-GW1
	1830 mm (6 ft) Single Port Wall Mount	CT4013-GW1
	1830 mm (6 ft) Dual Port Wall Mount	CT4023-GW1
	2440 mm (8 ft) Dual Port Bollard Mount	CT4025-GW1
	2440 mm (8 ft) Dual Port Wall Mount	CT4027-GW1
Included	Integral Modem – North America	-GW1
Misc	Power Management Kit Bollard Concrete Mounting Kit	CT4000-PMGMT
	Bollard Concrete Mounting Kit	CT4001-CCM

*Note: ALLL CT4000 stations include Integral Modem -GW1.

Software & Services

Description	Order Code
ChargePoint Commercial Service Plan	CPCLD-COMMERCIAL-*n**
ChargePoint Enterprise Plan	CPCLD-ENTERPRISE-*n**
ChargePoint Assure	CT4000-ASSURE*n**
Station Activation and Configuration	CPSUPPORT-ACTIVE
ChargePoint Station Installation and Validation	CT4000-INSTALLVALID

Note: All CT4000 stations require a network service plan per port.

*Substitute *n* for desired years (1, 2, 3, 4 or 5 years)

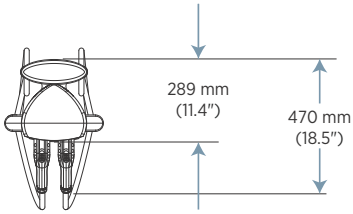
Order Code Examples

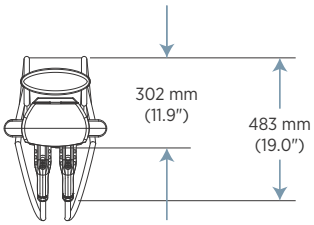
If ordering this…	…the order code is
1830 mm (6 ft) Dual Port Bollard Networked Station with Concrete Mounting Kit	CT4021-GW1 CT4001-CCM
ChargePoint Commercial Service Plan, 3 Year Subscription	CPCLD-COMMERCIAL-3
ChargePoint Station Installation and Validation	CT4000-INSTALLVALID
3 Years of Assure Coverage	CT4000-ASSURE3
1830 mm (6 ft) Single Port Wall Mount Networked Station	CT4013-GW1
ChargePoint Commercial Service Plan, 5 Year Subscription	CPCLD-COMMERCIAL-5
5 Years of Assure Coverage	CT4000-ASSURE5
Station Activation and Configuration	CPSUPPORT-ACTIVE

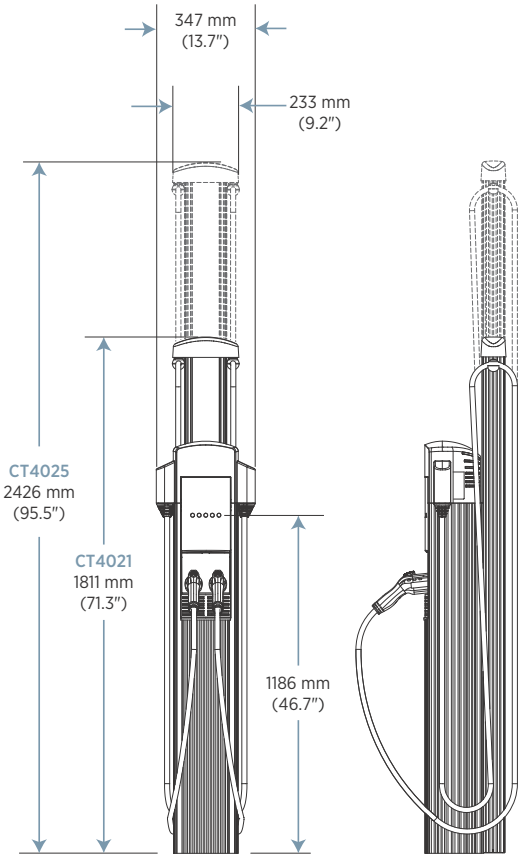
Architectural Drawings (Dimensions)

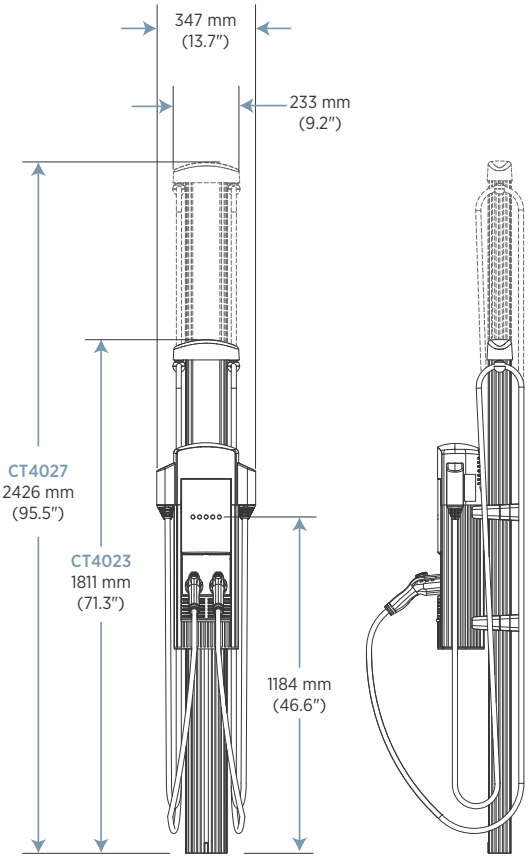
CT4021 1830 mm (6')
CT4025 2440 mm (8')
Bollard

CT4023 1830 mm (6')
CT4027 2440 mm (8')
Wall Mount









General Specifications

Electrical Input

Electrical Input	Single Port (AC Voltage 208 / 240V AC)			Dual Port (AC Voltage 208 / 240V AC)		
	Input Current	Input Power Connection	Required Service Panel Breaker	Input Current	Input Power Connection	Required Service Panel Breaker
Standard	30A	One 40A branch circuit	40A dual pole (non-GFCI type)	30A x 2	Two independent 40A branch circuits	40A dual pole (non-GFCI type) x 2
Standard Power Share	n/a	n/a	n/a	32A	One 40A branch circuit	40A dual pole (non-GFCI type)
Power Select 24A	24A	One 30A branch circuit	30A dual pole (non-GFCI type)	24A x 2	Two independent 30A branch circuits	30A dual pole (non-GFCI type) x 2
Power Select 24A Power Share	n/a	n/a	n/a	24A	One 30A branch circuit	30A dual pole (non-GFCI type)
Power Select 16A	16A	One 20A branch circuit	20A dual pole (non-GFCI type)	16A x 2	Two independent 20A branch circuits	20A dual pole (non-GFCI type)
Power Select 16A Power Share	n/a	n/a	n/a	16A	One 20A branch circuit	20A dual pole (non-GFCI type)
Service Panel GFCI	Do not provide external GFCI as it may conflict with internal GFCI (CCID)					
Wiring – Standard	3-wire (L1, L2, Earth)			5-wire (L1, L1, L2, L2, Earth)		
Wiring – Power Share	n/a			3-wire (L1, L2, Earth)		
Station Power	8 W typical (standby), 15 W maximum (operation)					

Electrical Output

Electrical Output	Single Port (AC Voltage 208 / 240V AC)	Dual Port (AC Voltage 208 / 240V AC)
Standard	7.2 kW (240V AC @ 30A)	7.2 kW (240V AC @ 30A) x 2
Standard Power Share	n/a	7.2 kW (240V AC @ 30A) x 1 or 3.8 kW (240V AC @ 16A) x 2

Power Select 24A	5.8 kW (240V AC @ 24A)	5.8 kW (240V AC @ 24A) x 2
Power Select 24A Power Share	n/a	5.8 kW (240V AC @ 24A) x 1 Or 2.9 kW (240V AC @ 12A) x 2
Power Select 16A	3.8 kW (240V AC @ 16A)	3.8 kW (240V AC @ 16A) x 2
Power Select 16A Power Share	n/a	3.8 kW (240V AC @ 16A) x 1 Or 1.9 kW (240V AC @ 8A) x 2

Functional Interfaces

	Single Port (AC Voltage 208 / 240V AC)	Dual Port (AC Voltage 208 / 240V AC)
Connector Types	SAE J1772™	SAE J1772™ x 2
Cable Length — 1.8 m (6 ft) Cable Management	5.5 m (18 ft)	5.5 m (18 ft) x 2
Cable Length — 2.4 m (8 ft) Cable Management	n/a	7 m (23 ft)
Overhead Cable Management System	Yes	
LCD Display	145 mm (5.7 in) full color, 640 x 480, 30 fps full motion video, active matrix, UV protected	
Card Reader	ISO 15693, ISO 14443, NFC	
Locking Holster	Yes	Yes x 2

Safety and Connectivity Features

Ground Fault Detection	20 mA CCID with auto retry
Open Safety Ground Detection	Continuously monitors presence of safety (green wire) ground connection
Plug-Out Detection	Power terminated per SAE J1772™ specifications
Power Measurement Accuracy	+/- 2% from 2% to full scale (30A)
Power Report/Store Interval	15 minute, aligned to hour. Vehicle to grid connected and responsive to TOU signals
Local Area Network	2.4 GHz WiFi (802.11 b/g/n)
Wide Area Network	LTE Category 4

Safety and Operational Ratings

Station Enclosure Rating	Type 3R per UL 50E
Safety and Compliance	UL and cUL listed; complies with UL 2594, UL 2231-1, UL 2231-2, and NEC Article 625
Station Surge Protection	6 kV @ 3,000A. In geographic areas subject to frequent thunder storms, supplemental surge protection at the service panel is recommended.
EMC Compliance	FCC Part 15 Class A
Operating Temperature	-40°C to 50°C (-40°F to 122°F)
Non-Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Terminal Block Temperature Rating	105°C (221°F)
Operating Humidity	Up to 85% @ 50°C (122°F) non-condensing
Non-Operating Humidity	Up to 95% @ 50°C (122°F) non-condensing
Network	All stations include integral LTE modem and will be automatically configured to operate as gateway or non-gateway as needed

ChargePoint, Inc. reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document

ChargePoint, Inc.
240 East Hacienda Avenue
Campbell, CA 95008-6617 USA

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+1.877.370.3802 US and Canada toll-free

chargepoint.com

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Visit chargepoint.com

Call +1.408.705.1992

Email sales@chargepoint.com

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Listed by Underwriters Laboratories Inc.

OTM
COMMERCIAL FURNITURE INSTALLATIONS

HAYWARD | WEST SACRAMENTO
833-956-3500 | otminstalls.com
31101 Wiegman Rd, Hayward, CA 94544
CA Contractor License #979182

25052 - Gilroy USD - South Valley MS - (4) Classrooms : remove from storage & deliver/assemble

2b

Customer Gilroy Unified School District (GSUD)
Created 11/15/2023 12:17pm
Type Quoted Work Order
Status Estimate in Development
Expires 01/13/2024

End User South Valley Middle School
Updated 11/15/2023 12:36pm
Business Hayward
Vendor Hayward

Scope of Work

QUOTED SCOPE:
1. Send a crew to site to unload the following product from storage facility (maintenance yard) and assemble/place in the correct rooms during NBH in (1) trip:
-- (4) Classrooms, each with the following approx product count:
- (24) Tables
- (38) Chairs
- (8) Storage Cabinets/Bookcases
- (1) Teachers Desk
- (2) Height Adj. Lecterns

** (2) of the above classrooms have slightly less product **

** product was placed into onsite storage due to rooms not being ready during original phase of delivery**
** original KI order #332307 **

QUOTE NOTES:
1. All delivery, installation and debris removal costs were covered by the original order - this pricing is for the double handling of the product and the trucking/labor to relocate from storage to final destination.
2. Pricing does not include stair carry, wall/floor anchoring, OT, prevailing wage or multiple trips to site

COVID 19 NOTES:
1. Pricing does not include any site-based COVID restrictions or requirements beyond OTM's health and safety protocols (see provided link.) OTM will provide an estimate for the surcharge upon receipt of site-specific protocols.

Addresses

Job Site South Valley Middle School
7881 Murray Avenue
Gilroy, CA 95020

Bill To GSUD | South Valley Junior High School
385 Loof, Avenue
Gilroy, CA 95020

Remit To: OTM Hayward
31101 Wiegman Road
Hayward, CA 94544

Participants

Company	Name	Role	Phone
Gilroy Unified School District (GSUD)	Van Patten, Marissa	Project Contact Customer Receiving Dist Billing Contact	408-612-2720
OTM	Escue, Logan	Salesperson	510.956.3540
OTM	Botelho-Levine, Charline	Storage Coordinator	510.956.3560
OTM	Felix, Alondra	Project Coordinator	510-956-3560

OTM	Kohler, Jason	Project Ops Manager	510.956.3590
OTM	Vevers, Andy	Labor Quote Requestor Estimator	510-956-3520
OTM	Zotelo, Javier	Dispatch	510.216.8286

Documents

Name	Rev#	Rev Date
01-General Documents		
OTM COVID-19 Best Practices.pdf	1	05/22/2020
OTM COVID Daily Questionnaire.pdf	1	05/22/2020
01-General Documents/450-Installation Quote Request		
D479399_00_00_L06_L-Floor Plan CLASSROOM.pdf	1	11/15/2023

Totals

Sell $1,936.00

Tax --

Total $1,936.00

Terms and Conditions

Project Conditions

Pricing based on the following unless otherwise noted under scope of work:
- Pricing includes disposal fees for product packing materials only
- Changes in scope of work = man hours will be billed at Time & Materials
- This quote is based on site conditions being free & clear of any Trades & Contractors. Without free and clear access, OTM reserves the right to revert to Time and Materials billing on the labor portion of the proposal.
- Pricing based on service during normal business hours, Mon-Fri
- Pricing is based on no stair carry
- Pricing is based on (1) trip to the site; additional trips may incur additional charges

General Terms

Payment Terms: 50% Deposit due up front. Balance due upon completion of quoted project.

Please issue a Labor Purchase order as soon as possible to ensure scheduling.

Commencement of this project indicates acceptance of terms and conditions.

Clear and detailed installation drawings are required.

Complete and accurate specifications are required.

All overdue accounts will be charged a service fee computed at the rate of 1.5% per month on the unpaid balance, which is 18% per year.

Payments received shall be first applied to interest, then principal. In the event any action or proceeding is instituted in state, federal or
bankruptcy court to collect sums owing or to interpreting these terms and conditions, customer agrees to pay OTM its fees and court costs, including reasonable attorney's fees.

If a Labor Purchase Order cannot be provided, please sign below to ensure that your job and proper man power is scheduled.

Price good through the quote's Expiration Date.

Customer's Signature _____ **Date** _____

Employee's Signature _____ Date _____

PROPOSAL

Gilroy Unified School District



2c

GPRS is the nation's premier company specializing in the detection of underground utilities and underground storage tanks, video pipe inspection, leak detection and the imaging of concrete structures. Our services enable your projects to stay safe, on time and on budget.

SIM-CERTIFIED FIELD STAFF

Our SIM-Certified Project Managers are equipped with the latest technology, industry leading training and a methodology that has produced over 99.8% accuracy on over 300,000 projects. Visit SIMSPEC.ORG today for details.

NATIONWIDE FOOTPRINT

GPRS is the largest company of our kind. With highly trained Project Managers across America we can provide rapid response to your job site — wherever it may be located.

CONSULTATIVE APPROACH

GPRS Project Managers are trained to help you remove barriers that could impact your project being safe, on time and on budget. They provide industry-leading deliverables such as CAD, 3D drawings, NASSCO reports, and a .KMZ and .PDF map is included with every utility locating project which accelerates planning, organizes operations and increases communication.



VISUALIZING THE BUILT WORLD™
ABOVE AND BELOW GROUND

September 28, 2023
Client: Gilroy Unified School District
Project Address: 7810 Arroyo Circle Gilroy, CA 95020
Quote Number: GPRSQUOTE-92511
GPRS Opportunity Name/Number: 199021

Submitted By:
Jackson Turner
To schedule, please email:
californiainfo@gprsinc.com

GPRS appreciates the opportunity to provide this proposal. We encourage you to visit our website (www.gprsinc.com) and contact any of the numerous references listed. Our insurance certificate and W-9 can also be downloaded here. Please feel free to contact us if you have any questions or need additional information. Visit for an overview of our industry-leading best practices.

SCOPE OF WORK

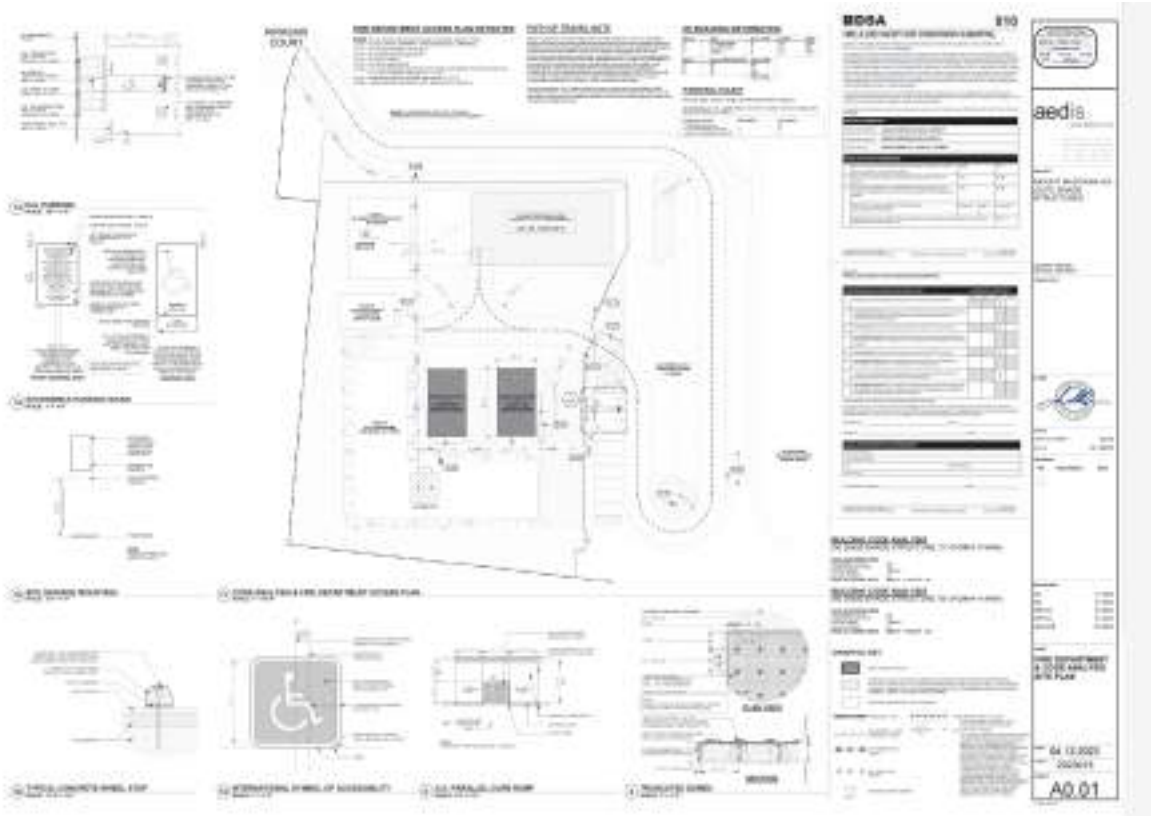
Underground Utility: We understand the scope of work on this project is to search for underground utilities in the areas defined by the client which are shown in the images below. We will attempt to trace any utilities for which structures are visible from the work area. Utilities will be marked on the surface using paint, pin flags, or other appropriate means. The client will be responsible for providing drawings or notifying GPRS of any utilities entering the work area for which there are no apparent surface features or structures visible from the work area. To avoid additional charges, the areas should be laid out, marked, and cleared of obstructions before our arrival. Please visit www.simspec.org for an overview of our industry-leading best practices that will be applied to this project.

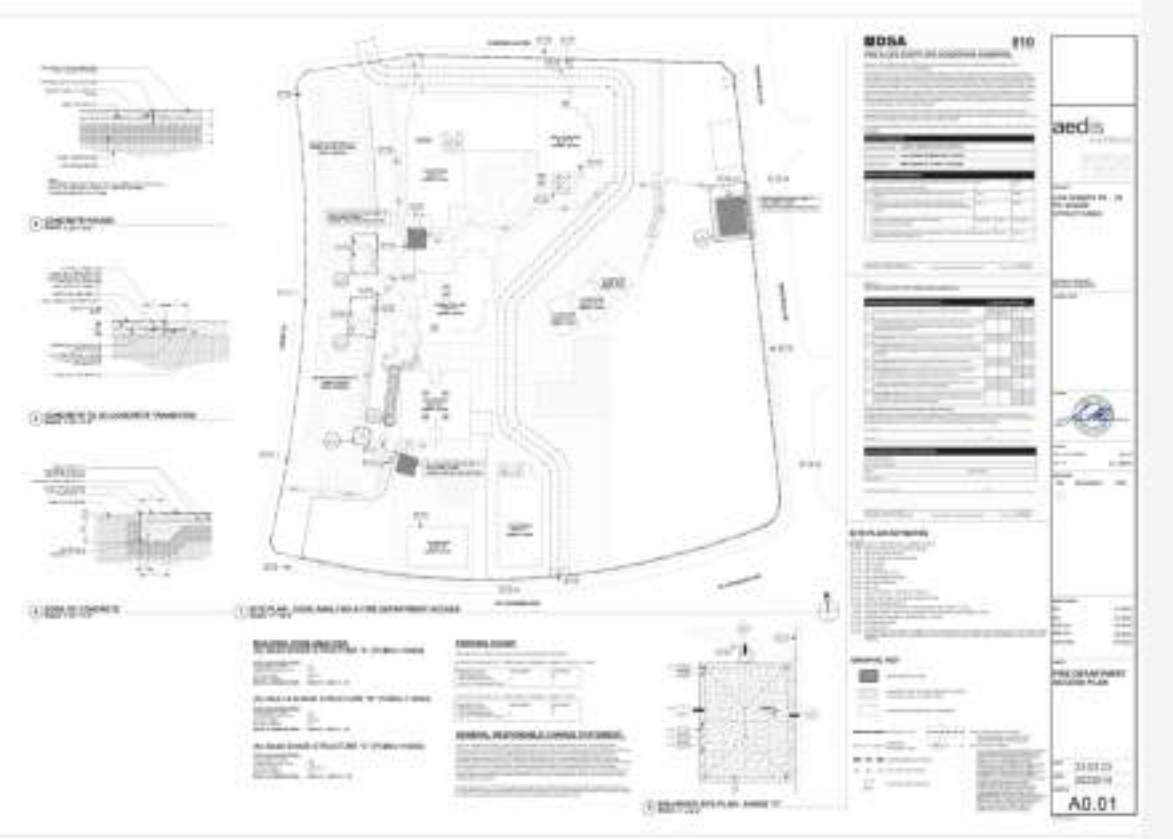
- The client will need to provide access to applicable site plans, as-builts, drawings prior to the start of the field work and a site contact to direct our on-site Technician to the scan area and be able to answer site-specific scope questions as needed.
- GPRS is not responsible for housekeeping. Any debris, equipment, or other obstructions in the area at the time of scanning could potentially block out needed data.
- A thorough utility search can only be completed if GPRS is given access to all utility structures, interior and exterior. This service is never a replacement for the use of the state One Call system (811).
- All of our technicians have OSHA-10 safety training or greater. Site-specific safety training is not included in this quote. Please notify us if this project requires additional safety training.

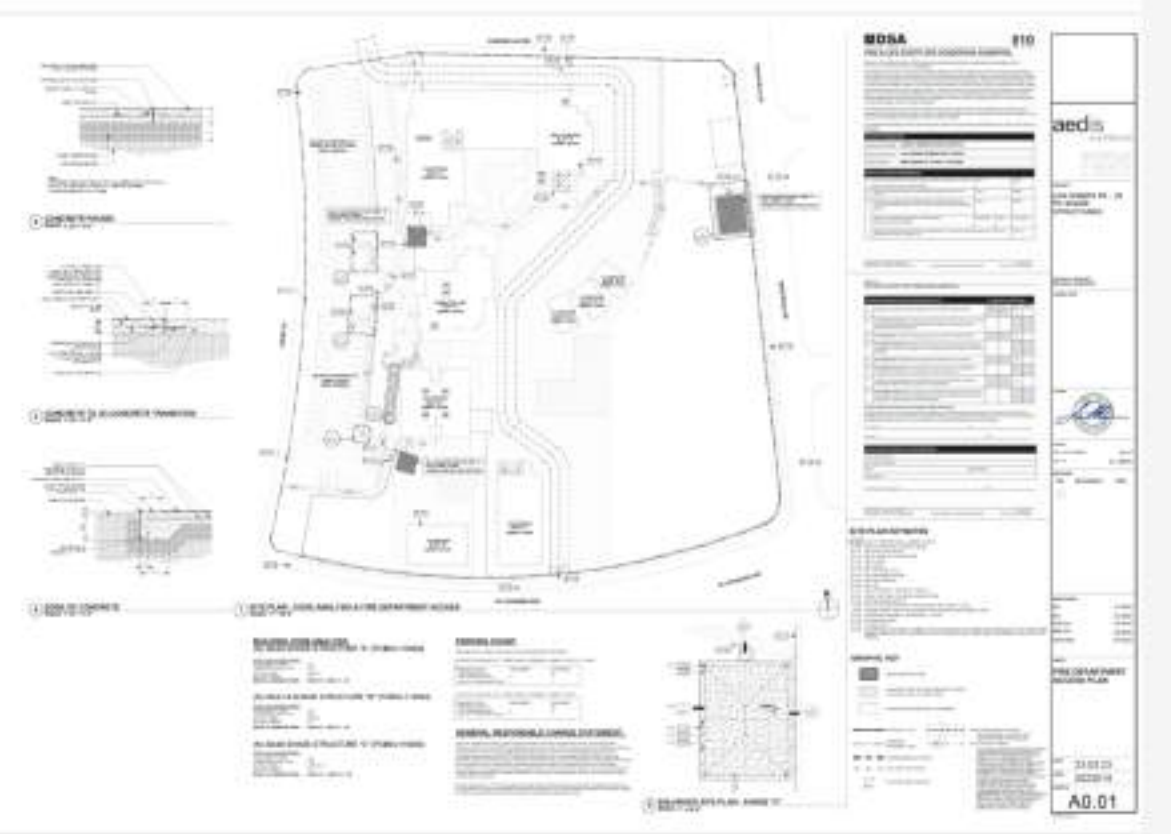
EQUIPMENT

- **Underground Scanning GPR Antenna.** This GPR Antenna uses frequencies ranging from 250 MHz to 450 MHz and is mounted in a stroller frame that rolls over the surface. Data is displayed on a screen and marked in the field in real-time. The surface needs to be reasonably smooth and unobstructed to obtain readable scans. Obstructions such as curbs, landscaping, and vegetation will limit the e cacy of GPR. The total e ective scan depth can be as much as 8’ or more with this antenna but can vary widely depending on the soil conditions and composition. Some soil types, such as clay, may limit maximum depths to 3’ or less. As depth increases, targets must be larger to be detected, and non-metallic targets can be challenging to locate. The depths provided should always be treated as estimates as their accuracy can be a ected by multiple factors. For more information, please visit: Link
- **Electromagnetic Pipe Locator.** This receiver can passively detect the signals from live AC power or radio signals traveling along some conductive utilities. Operators can connect a transmitter directly to accessible metallic pipes, risers, or tracer wires to generate a current at a specific frequency. The receiver can then detect the resulting signal along the pipe or tracer wire. Various factors may impact this device's e ectiveness, including (but not limited to) access to the utility, conductivity, grounding, and interference from other utilities. The depths provided should always be treated as estimates as their accuracy can be a ected by multiple factors. For more information, please visit: Link
- **Traceable Rodder.** The rodder consists of a copper wire encased in fiberglass. This device is pushed through a pipe with direct access, such as a sewer line at a cleanout or a storm drain catch basin. Operators then induce a current on the wire and trace the signal from the surface. The maximum traceable depth is 10’ depending on the soil conditions, and the maximum distance is 200’. Inserting the rodder into deeper pipes within manholes may not be feasible depending on site conditions. GPRS will not access electrical conduits. The signal is not detectable through metallic pipes. For more information, please visit: Link
- **GPS.** This handheld unit o ers accuracy down to 4 inches; however, the accuracy achieved will depend on the satellite environment at the time of collection and is not considered survey-grade. Features can be collected as points, lines, or areas and then exported as a KML/KMZ or overlaid on a CAD drawing. For more information, please visit: Link

Supporting Documentation




BDSA
aeds
A0.01


BDSA
aeds
A0.01

PROJECT COSTS

SERVICE	DESCRIPTION	
FIELD SERVICES	Last Animas - $1200 Rucker - $1200 Mount Madonna - $1200	
JOB SUMMARY REPORT	PDF including a brief description of equipment used, findings, limitations, and site photos sent at the conclusion of every job.	
GPS MAP	Findings will be collected with GPS and displayed with an aerial image background. Results are not survey-grade accuracy. See example: Link	
SITEMAP® PERSONAL LICENSE	Findings will be collected with GPS and made available on SiteMap to access the automated deliverable PDF Map, KMZ, SHP files and map viewer access on SiteMap. Results are not survey-grade accuracy. For more information, please visit: Link	
TOTAL		**$3,600.00**
OPTIONAL SERVICES (INITIAL IF DESIRED)		
CAD DRAWING	Findings will be drafted in CAD. For laser scanning projects, laser scan data and images will be used. Results are not survey-grade accuracy. See example: Link	Initial ____ $500 per site

GENERAL TERMS & CONDITIONS

This proposal is subject to the General Terms and Conditions for Services of Ground Penetrating Radar Systems, LLC posted at Link (the "Terms and Conditions") and is hereby incorporated by reference into and made a part of this proposal. Customer acknowledges it has read and agrees to be bound by such Terms and Conditions. In the event of any conflict between the terms of this proposal and the Terms and Conditions, the Terms and Conditions will prevail. Customer also acknowledges that Ground Penetrating Radar Systems, LLC may, from time to time and at its discretion, modify the Terms and Conditions and Customer agrees to be bound by such Terms and Conditions as modified.

1. Customer agrees to meet and perform all requirements described in this document and has fully read and understands all items listed within this document.
2. It is the customer's responsibility to prepare the site for scanning, including clearly identifying areas to be scanned, securing access to all areas required for scanning, removing and keeping these areas clear and free of obstructions. Delays caused by customer's failure to do so may result in an increased price.
3. GPRS does not conduct an investigation, analysis, or interpretation of soil composition, soil/concrete conditions, or geophysical, geological, engineering, or land surveying information. The customer acknowledges understanding that we are merely reporting retrieved data and that we do NOT provide geophysical, geological, engineering, or land surveying services. Customer should contact a professional in those fields if such services are needed. Data collected during may only be suitable for use within the scope of this proposal.
4. If any work to be performed is within a road or street, unless specifically included by GPRS within this proposal, it is the customer's responsibility to provide adequate tra c control to allow GPRS' personnel to safely and e ciently work in the road/street.
5. Standard full-day rates are based on an 8-hour workday. Time-on-site in excess of 8-hours will be billed at overtime rates.
6. This price assumes that we will be given access to perform the work during normal, weekday business hours. Work performed outside of 6am-5pm Monday-Friday will be billed at overtime rates.
7. These rates assume that there are certified payroll and/or prevailing wage requirements for this work. If GPRS receives notice that these conditions change, the project costs will be modified accordingly and a change order may be required.
8. If this proposal is not accepted within 90 days of September 28, 2023, then the pricing may be subject to review.
9. If for some reason the technician arrives on site and the work is cancelled there will be a charge of $500 per requested technician.
10. If your project is in WV, SD, NM, or HI: State sales tax is not included in the total on this proposal, but will be included on the invoice.
11. Payment Terms are Net 30; or as specified if a current Master Service Agreement is in place.

ACCEPTED AND AGREED

Print Name:_____ Signature:_____ Date:_____

Company Phone/Email:_____ PO #:_____ Job #:_____

Architectural Systems
P.O. Box 1092
San Martin, CA 95046 US
+1 8778999492
gordon@as-inc.com
www.as-inc.com

Estimate

ADDRESS
Gilroy School District

ESTIMATE # 5691.1
DATE 10/04/2023

ACTIVITY	QTY	RATE	AMOUNT
Solorsano Middle School 7121 Grenache Way, Gilroy, CA 95020 Attn: Paul Nadeau This Estimate is based off a Highlighted Plan provided by Paul Nadeau			
CHAIN LINK BIKE CAGE	1	9,340.00	9,340.00
Installation of (45) L.F. of 6'-0" High Galvanized Chain link Fence Includes 6'-0" High Galvanized 9 Gauge Chainlink Includes 2-7/8", Galvanized End and Corner Posts Includes 1-7/8", Galvanized Line Post Includes 1-5/8" Galvanized Top and Bottom Rail Includes Fittings and Fasteners Includes 10" x 30" Deep Concrete Footing Includes Cored Holes in AC and Concrete Concrete Footings poured flush with Existing AC / Concrete			
Installation of (1) EA. 6' High x 6'-0" Galv Chain link Swing Gate to match Fence Includes 2-7/8" Dia. Gate Posts Includes Standard Frame and Post Hinges Includes Lockable Fork Latch Includes 10" x 42" Deep Concrete Footing Includes Cored Holes in AC and Concrete Concrete Footings poured flush with Existing AC / Concrete			
Underground Utility Locator Company (If Necessary, Gilroy School District to Decide)	1	1,800.00	1,800.00

ACTIVITY	QTY	RATE	AMOUNT

Clarifications
Permits by Others
Engineering by Others
Underground Utility Locator Company by Others
Repair of Unknown Underground Utilities by Others
Normal Working Days/Hours
M-F, 7am-4pm
No Overtime Included
Includes Prevailing Wage

If you have any questions please contact

Chris Johnston

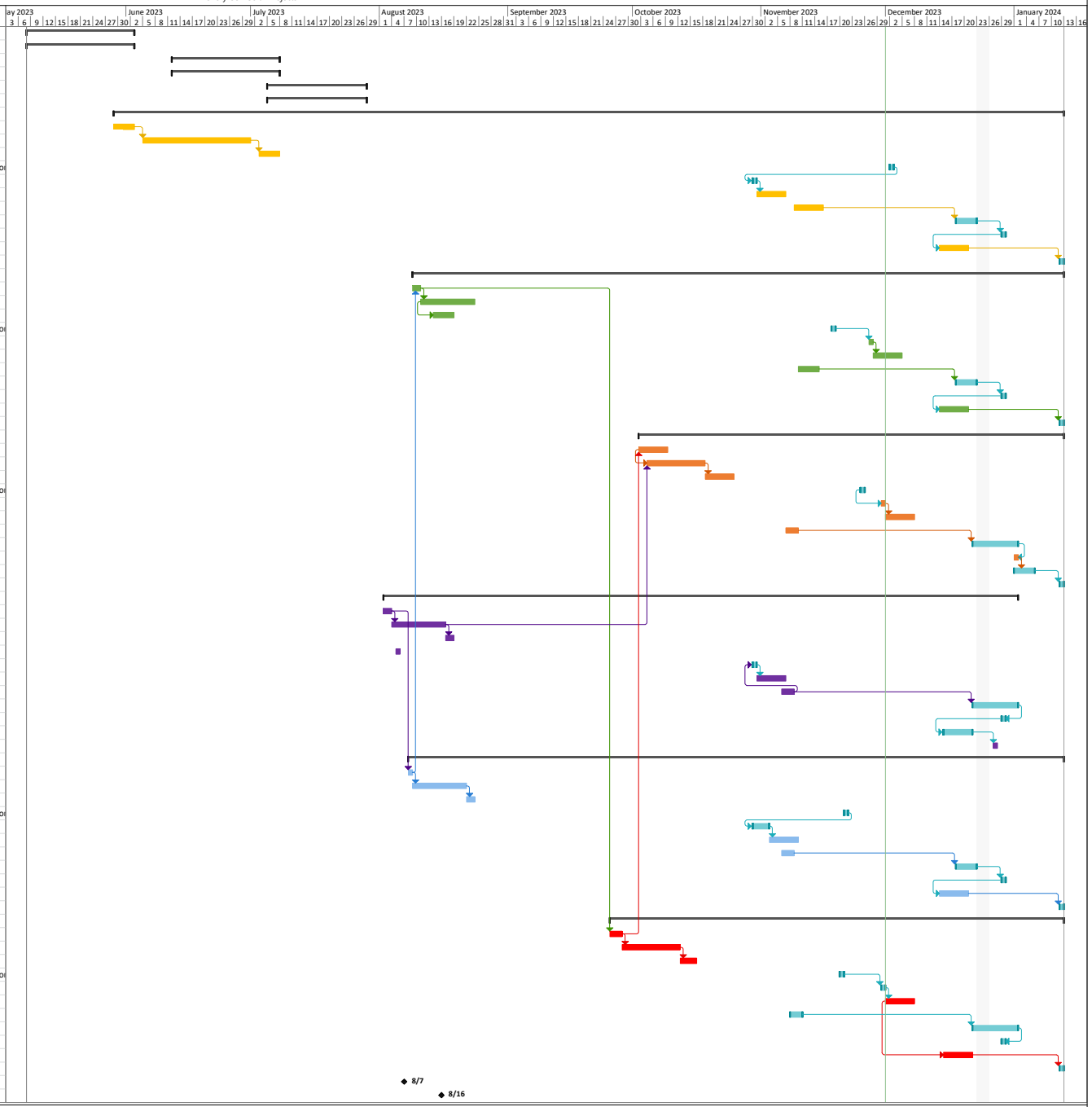
TOTAL **$11,140.00**

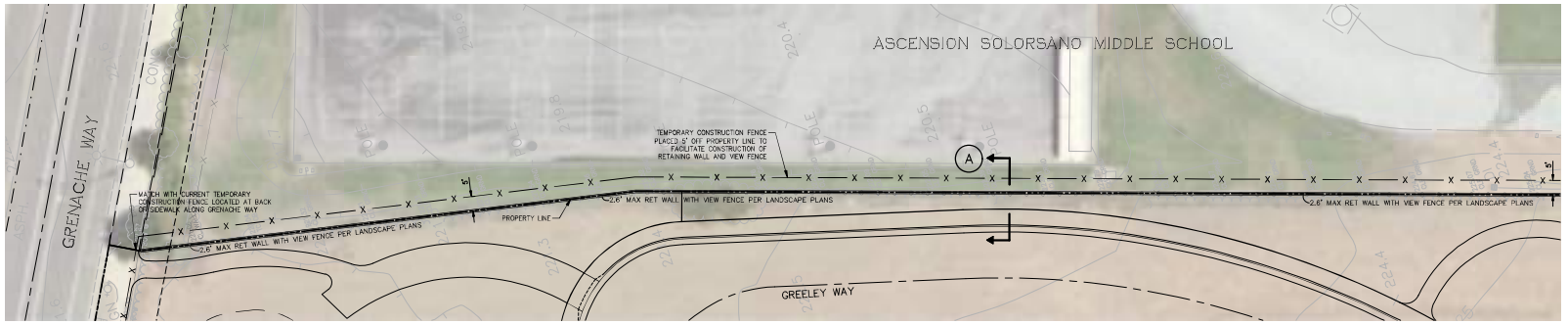
Accepted By

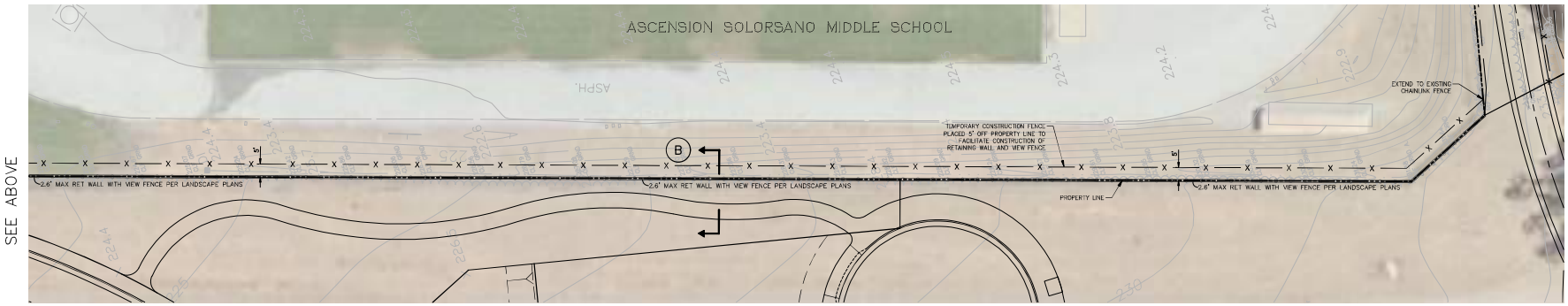
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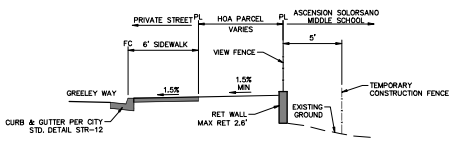
Gilory USD Solar Projects

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Notes
1		**Rod Kelley-Structural Complete**	**20 days**	**Mon 5/8/23**	**Fri 6/2/23**		
6		**Glenview-Structural Complete**	**20 days**	**Mon 5/8/23**	**Fri 6/2/23**		
11		**Solarsano-Structural Complete**	**20 days**	**Mon 6/12/23**	**Fri 7/7/23**		
16		**Luigi Aprea-Structural Complete**	**20 days**	**Mon 6/12/23**	**Fri 7/7/23**		
21		**Eliot-Structural Complete**	**18 days**	**Wed 7/5/23**	**Fri 7/28/23**		
26		**El Roble-Structural Complete**	**18 days**	**Wed 7/5/23**	**Fri 7/28/23**		
31		**Rod Kelley**	**164 days**	**Mon 5/29/23**	**Fri 1/12/24**		
32		Bore/Trench Underground	5 days	Mon 5/29/23	Fri 6/2/23	4	
33		AC Install	20 days	Mon 6/5/23	Fri 6/30/23	32	
34		DC Commissioning	5 days	Mon 7/3/23	Fri 7/7/23	33	
35		Utility Interconnection	1 day	Sat 12/2/23	Sat 12/2/23		Tentative-Awaiting Utility Confirmatio
36		Mechanical Completion	1 day	Mon 10/30/23	Mon 10/30/23	35FS+5 days	
37		Mechanical Punch List & Sign Off	5 days	Tue 10/31/23	Mon 11/6/23	36	
38		Panelboard Installation	5 days	Thu 11/9/23	Wed 11/15/23		
39		Commissioning and Testing (after PTO	5 days	Mon 12/18/23	Fri 12/22/23	38FS+10 days	
40		Substantial Completion	1 day	Fri 12/29/23	Fri 12/29/23	39	
41		Punch List	5 days	Thu 12/14/23	Wed 12/20/23	40SS-8 days	
42		Final Completion	1 day	Fri 1/12/24	Fri 1/12/24	41	
43		**Glenview**	**111 days**	**Wed 8/9/23**	**Fri 1/12/24**		
44		Bore/Underground	2 days	Wed 8/9/23	Thu 8/10/23	80	Concrete Patch Back on 8/1/23
45		AC Install	10 days	Fri 8/11/23	Wed 8/23/23	44	
46		DC Commissioning	5 days	Mon 8/14/23	Fri 8/18/23	45SS+1 day	
47		Utility Interconnection	1 day	Sat 11/18/23	Sat 11/18/23		Tentative-Awaiting Utility Confirmatio
48		Mechanical Completion	1 day	Mon 11/27/23	Mon 11/27/23	47FS+5 days	
49		Mechanical Punch List & Sign Off	5 days	Tue 11/28/23	Mon 12/4/23	48	
50		Panelboard Installation	3 days	Fri 11/10/23	Tue 11/14/23		
51		Commissioning and Testing (after PTO	5 days	Mon 12/18/23	Fri 12/22/23	50FS+10 days	
52		Substantial Completion	1 day	Fri 12/29/23	Fri 12/29/23	51	
53		Punch List	5 days	Thu 12/14/23	Wed 12/20/23	52SS-8 days	
54		Final Completion	1 day	Fri 1/12/24	Fri 1/12/24	53	
55		**Solorsano**	**71.5 days**	**Mon 10/2/23**	**Fri 1/12/24**		
56		Bore/Trench Underground	5 days	Mon 10/2/23	Mon 10/9/23	92FS+2 days	
57		AC Install	10 days	Wed 10/4/23	Wed 10/18/23	69,56SS+2 day	
58		DC Commissioning	5 days	Wed 10/18/23	Wed 10/25/23	57	
59		Utility Interconnection	1 day	Sat 11/25/23	Sat 11/25/23		Tentative-Awaiting Utility Confirmatio
60		Mechanical Completion	1 day	Thu 11/30/23	Thu 11/30/23	59SS+3 days	
61		Mechanical Punch List & Sign Off	5 days	Fri 12/1/23	Thu 12/7/23	60	
62		Panelboard Installation	3 days	Tue 11/7/23	Thu 11/9/23		
63		Commissioning and Testing (after PTO	5 days	Fri 12/22/23	Mon 1/1/24	62FS+10 days	
64		Substantial Completion	1 day	Mon 1/1/24	Mon 1/1/24	63FF	
65		Punch List	5 days	Mon 1/1/24	Fri 1/5/24	64	
66		Final Completion	1 day	Fri 1/12/24	Fri 1/12/24	65	
67		**Eliot**	**108 days**	**Wed 8/2/23**	**Mon 1/1/24**		
68		Trench/Underground	2 days	Wed 8/2/23	Thu 8/3/23		
69		AC Install	10 days	Fri 8/4/23	Wed 8/16/23	68	
70		DC Commissioning	2 days	Thu 8/17/23	Fri 8/18/23	69	
71		Switchgear Interconnection	1 day	Sat 8/5/23	Sat 8/5/23		Confirmed-7AM-12PM
72		Mechanical Completion	1 day	Mon 10/30/23	Mon 10/30/23	74	
73		Mechanical Punch List & Sign Off	5 days	Tue 10/31/23	Mon 11/6/23	72	
74		Panelboard Installation	3 days	Mon 11/6/23	Wed 11/8/23		
75		Commissioning and Testing (after PTO	5 days	Fri 12/22/23	Mon 1/1/24	74FS+10 days	
76		Substantial Completion	1 day	Fri 12/29/23	Fri 12/29/23	75FF	
77		Punch List	5 days	Fri 12/15/23	Thu 12/21/23	76SS-8 days	
78		Final Completion	1 day	Wed 12/27/23	Wed 12/27/23	77	
79		**Luigi Aprea**	**112 days**	**Tue 8/8/23**	**Fri 1/12/24**		
80		Bore/Trench Underground	1 day	Tue 8/8/23	Tue 8/8/23	68FS+3 days	
81		AC Install	10 days	Wed 8/9/23	Mon 8/21/23	80	
82		DC Commissioning	2 days	Tue 8/22/23	Wed 8/23/23	81	
83		Utility Interconnection	1 day	Tue 11/21/23	Tue 11/21/23		Tentative-Awaiting Utility Confirmatio
84		Mechanical Completion	4 days	Mon 10/30/23	Thu 11/2/23	83FS+5 days	
85		Mechanical Punch List & Sign Off	5 days	Fri 11/3/23	Thu 11/9/23	84	
86		Panelboard Installation	3 days	Mon 11/6/23	Wed 11/8/23		
87		Commissioning and Testing (after PTO	5 days	Mon 12/18/23	Fri 12/22/23	86FS+10 days	
88		Substantial Completion	1 day	Fri 12/29/23	Fri 12/29/23	87	
89		Punch List	5 days	Thu 12/14/23	Wed 12/20/23	88SS-8 days	
90		Final Completion	1 day	Fri 1/12/24	Fri 1/12/24	89	
91		**El Roble**	**76.5 days**	**Mon 9/25/23**	**Fri 1/12/24**		
92		Bore/Underground	3 days	Mon 9/25/23	Thu 9/28/23	44FS+6.5 wks	
93		AC Install	10 days	Thu 9/28/23	Thu 10/12/23	92	
94		DC Commissioning	2 days	Thu 10/12/23	Mon 10/16/23	93	
95		Utility Interconnection	1 day	Mon 11/20/23	Mon 11/20/23		Tentative-Awaiting Utility Confirmatio
96		Mechanical Completion	1 day	Thu 11/30/23	Thu 11/30/23	95FS+5 days	
97		Mechanical Punch List & Sign Off	5 days	Fri 12/1/23	Thu 12/7/23	96	
98		Panelboard Installation	3 days	Wed 11/8/23	Fri 11/10/23		
99		Commissioning and Testing (after PTO	5 days	Fri 12/22/23	Mon 1/1/24	98FS+10 days	
100		Substantial Completion	1 day	Fri 12/29/23	Fri 12/29/23	99FF	
101		Punch List	5 days	Fri 12/15/23	Thu 12/21/23	97SS+10 days	
102		Final Completion	1 day	Fri 1/12/24	Fri 1/12/24	101	
103		Teachers Return	0 days	Mon 8/7/23	Mon 8/7/23		
104		Students Return	0 days	Wed 8/16/23	Wed 8/16/23		

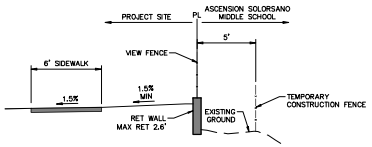




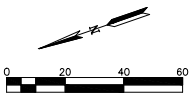




GRADING SECTION (A)
NO SCALE



GRADING SECTION (B)
NO SCALE



RETAINING WALL CONSTRUCTION AT SCHOOL PL
McCUTCHIN CREEK / PALOMINO
GILROY, CALIFORNIA
NOVEMBER 15, 2023

RUGGERI-JENSEN-AZAR
ENGINEERS ■ PLANNERS ■ SURVEYORS
8055 CAMINO ARROYO GILROY, CA 95020
PHONE: (408) 848-0300 FAX: (408) 848-0302

JOB NUMBER: 102009 SHEET 1 OF 1

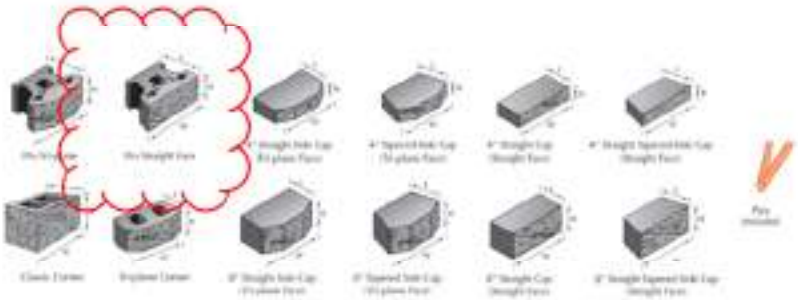
PLOT DATE: November 15, 2023
FILE PATH: W:\Jobs 10\102009\Drawings\Final\Neighborhood\McCutchin Creek\Exhibits\School PL Retwall Construction\EXH - MC-PA - Retaining Wall at School PL.dwg

KB Home Retaining wall block selection





DIMENSIONS



DOWNLOADS & RESOURCES

- California Great Hardscapes Start Here Catalog
- Basalite® CMU Block And SRW SDS
- Geowall™ Pro Cut Sheet – CA
- Geowall™ Installation Guide – CA
- Fiberglass Pin SDS
- Geowall™ Pro MSE Specification
- NCMA – SRW Best Practices
- Geowall™ Pro Standardized Engineering

VIEW ALL RESOURCES ▸

Name	Metric Units	U.S. Customary Units	Weight	Units /Pallet	Face Area /Unit
Pro Tri-plane	457mm W x 203mm H x 305mm L	18" W x 8" H x 12" L	75 lbs.	45	1 Sq. Ft.
Pro Straight Face	457mm W x 203mm H x 305mm L	18" W x 8" H x 12" L	65 lbs.	45	1 Sq. Ft.
Classic Corner	457mm W x 203mm H x 229mm L	18" W x 8" H x 9" L	60 lbs.	50	1 Sq. Ft.
Tri-plane Corner	457mm W x 203mm H x 229mm L	18" W x 8" H x 9" L	60 lbs.	05	1 Sq. Ft.
4" Straight Side Cap (Tri-plane Face)	457mm W x 102mm H x 267mm L	18" W x 4" H x 10.5" L	31 lbs.	80	1/2 Sq. Ft.
4" Tapered Side Cap (Tri-plane Face)	356/457mm W x 102mm H x 267mm L	14/18" W x 4" H x 10.5" L	31 lbs.	80	1/2 Sq. Ft.
8" Straight Side Cap (Tri-plane Face)	457mm W x 203mm H x 267mm L	18" W x 8" H x 10.5" L	75 lbs.	50	1 Sq. Ft.
8" Tapered Side Cap (Tri-plane Face)	356/457mm W x 203mm H x 267mm L	14/18" W x 8" H x 10.5" L	75 lbs.	50	1 Sq. Ft.

Luigi Aprea Elementary School
(Link to MyMap)
9225 Cll Del Rey, Gilroy, CA 95020
Site Visit: 9/30/22
Maggie, Marisa, Kristen (OCF)
Paul Nadeau (Gilroy District)
Nicole Black (Principal)

- 16 Zelkova serrata ‘JFS-KW1’ (City Sprite zelkova)
- 4 Styphnolobium japonicum (Japanese pagoda tree)
- 4 Styphnolobium japonicum 'Regent' (Regent Japanese pagoda tree)

OUR CITY FOREST

Total trees: 24



500 Park Center Drive, #1 | Hollister, CA 95023 | (831) 637-2133 | www.earthsystems.com

December 1, 2023

Proposal No.: HOL-23-12-002
DSA File No.: 43-17
DSA Application No.: 01-120795

Mr. Paul Nadeau
Gilroy Unified School District
7810 Arroyo Circle
Gilroy, CA 95020

PROJECT: FARRELL AVENUE PRESCHOOL
245 FARRELL AVENUE
GILROY, CALIFORNIA

SUBJECT: Proposal for Geotechnical Observation and Construction Inspection and Testing Services

Dear Mr. Nadeau:

Earth Systems Pacific (Earth Systems) is submitting herein our construction inspection and testing services proposal for the subject project. This proposal is based upon the plans and specifications provided by you and our experience with similar projects of this type, and corresponding DSA 103 forms.

According to the plans, the project consists of placement of a new portable one-story preschool building and a shade structure, and

We have assumed this project will be constructed by the basic procedures of those typically used on CBC Title 24 designed projects. A construction schedule was not available during the preparation of this estimate. Based on our review of the drawings prepared for the project and our recent experience with projects of a similar nature, our anticipated scope of work will include:

- Review of concrete mix design submittal
- Preconstruction meetings
- Identifying, sampling, and tagging of reinforcing steel materials with accompanying mill analysis reports
- Conformance testing of reinforcing steel samples
- Compaction testing
- Foundation observations
- Pier drilling Inspection
- Laboratory testing of native and import soil
- Continuous batch plant inspection and field concrete sampling and testing

- Sampling and testing of grout samples
- Conformance testing of concrete samples
- Post installed anchor testing
- Review of submitted welding procedures and welder certifications
- Material ID and shop welding inspection
- Field welding inspection
- High-strength bolt inspection
- High-strength bolt material ID
- Conformance testing of high-strength bolt samples
- Material ID for anchor bolts and anchor rods
- Project management and supervision
- Upload required reports and documents to DSA Certification Box,
- Preparation of Interim and Final Verified Reports for each DSA 152 Card issued for the project.

ESTIMATED FEES

Earth Systems will provide our geotechnical engineering observation, testing, and inspection services on a time and material basis per our fee schedule in effect at the time of services.

Our estimated fee to provide the services is **$47,962.90** and our "Scope of Anticipated Services and Cost Estimate" worksheet is attached for your information and review.

Earth Systems anticipates that our coverage will be on a continuous/periodic basis as required by code and job activities, and by DSA-103. The project IOR will be responsible for coordinating our services. Any standby time of calls for services not ready will be invoiced on a time and materials basis.

SCHEDULE AND CONDITIONS

The fees and conditions of this proposal will remain in effect for a period of 180 days. As the presence of our personnel at the site will depend upon the contractor's schedule and the progress of the work, the fees presented above are to be considered as estimates only, and should not be construed as guaranteed maximum fees. The invoices will reflect the actual charged based on our fee schedule for the amount of time spent and service performed, and may be greater or less than the estimated amounts.

Fees for overtime, weekend, and holiday work will be adjusted, and minimum work hours will be applied, in accordance with the State requirements. Night work (before 7:00 AM and after 5:00 PM) and overtime work will be invoiced at a rate of 1.5 times the appropriate rate. Field time will be subject to a two-hour minimum charge. Hourly fees for field work and travel time will be charged on a portal-to-portal basis from our office in Fremont.

It is our understanding that the project is subject to California Prevailing Wage Law. For your convenience in setting up the project, we have included our DIR registration numbers below.

DIR Public Works Registration Numbers

Legal Name	Registration Number	License Type*	Registration Date	Expiration Date
Earth Systems Pacific	1000003643	N100143	06/07/2018	6/30/2024

*Professional Corporation License Number assigned by DIR March 27, 2015

Please note that effective August 1, 2016, we are required to submit certified payrolls for all Prevailing Wage projects via eCPR. In order to upload certified payrolls to the State's website, the project's DIR number is necessary. Please complete the attached SB 854 DIR and eCPR Compliance Information Request form and return to our office at your earliest convenience.

If you find the proposed scope of work and fees satisfactory, it is our understanding that the district will issue a professional services agreement for our execution and a purchase order as an authorization to proceed.

We thank you for your consideration of Earth Systems for this project. Please feel free to contact the office at your convenience if you have any questions or require additional information.

Sincerely,

Earth Systems Pacific

Phillip Penrose, CE 92946
Project Engineer

Brett Faust, CEG 2386
Vice president

Attachments: Anticipated Scope of Services & Cost Estimate Worksheet
Prevailing Wage & Accounts Payable Information Request
Terms of Service
January 2024 Fee Schedule

Anticipated Scope of Services & Cost Estimate

Project: Farrell Avenue Preschool
Proposal No.: HOL-23-12-002
Client: Gilroy Unified School District

Date: 12/1/2023

CWI & Special Inspector, (PW)	$153.00	minimum 4 hour billing increments
Technician (PW)	$148.00	minimum 4 hour billing increments
CWI Inspector (Non-PW)	$120.00	minimum 2 hour billing increments
Special Inspector (Non-PW)	$120.00	minimum 2 hour billing increments
Technician (Non-PW)	$110.00	minimum 2 hour billing increments
Mileage (per mile)	$0.95	

Geotechnical Observation and Special Inspection and Testing Budget

	Number of Trips	Hours or Units	Total	Rate	unit	Fee
Geotechnical Observation and Testing						
Compaction Testing	4	4	16	$148.00		$2,368.00
Nuclear Gauge			20	$15.00		$300.00
Footing Foundation Inspection	2	4	28	$148.00		$4,144.00
Pier Inspection	2	8	24	$148.00		$3,552.00
Mileage	8	35		$0.95		$258.40
					Subtotal	**$10,622.40**
Special Inspection and Testing						
Rebar and Structural Steel ID and Tagging (local bay area)	2	4	8	$120.00	hr.	$960.00
Batch Plant Inspection (local bay area)	2	8	16	$120.00	hr.	$1,920.00
ACI Concrete Technician Sampling	4	8	32	$153.00	hr.	$4,896.00
Test Post-Installed Anchors and Threaded Rods	2	4	8	$153.00	hr.	$1,224.00
Torque/Tension Test Equipment		8	8	$40.00	hr.	$320.00
Field Welding Inspection	4	4	16	$153.00	hr.	$2,448.00
Shop Welding Inspection	4	8	32	$120.00	hr.	$3,840.00
High-Strength Bolt Inspection	4	4	16	$153.00	hr.	$2,448.00
HS Grout Sampling	2	4	8	$153.00	hr.	$1,224.00
Anchor Bolts and Anchor Rods Material ID and Tagging	4	4	16	$110.00	hr.	$1,760.00
Sample Pickups	6	2	12	$110.00	hr.	$1,320.00
Mileage	34	35	1190	$0.95	mi.	$1,130.50
					Subtotal	**$23,490.50**

Laboratory Testing	Sets	Samples	Rate	Unit	Fee
Rebar Testing	4	4	$155.00	ea.	$620.00
HS Grout Testing	2	6	$60.00	ea.	$360.00
Concrete Cylinder Testing	4	20	$42.00	ea.	$840.00
High-Strength Bolts, Nuts and Washers	2	6	$400.00	ea.	$2,400.00
Laboratory Maximum Density Curve (4")	2	2	$305.00		$610.00
Laboratory Maximum Density Curve (6")	1	1	$345.00		$345.00
	TOTAL LABOR HOURS			Subtotal	**$5,175.00**

Reports and Project Management ("Special Inspection" work)					
Project Management and Supervision (in hours) for special Inspection work	8	$220.00	hr.	$1,760.00
Preconstruction Meeting	4	$220.00	hr.	$880.00
Progress Inspection Reports and upload to the BOX	15	$85.00	ea.	$1,275.00
Geotechnical Engineering Review	4	$250.00	hr.	$1,000.00
Engineering Review	8	$220.00	hr.	$1,760.00
Interim and Final Report of Special Inspections and Testing	4	$500.00	ea.	$2,000.00
			Subtotal	**$8,675.00**

Estimate Total: **$47,962.90**

EARTH SYSTEMS
500 Park Center Drive, #1 | Hollister, CA 95023 | (831) 637-2133 | www.earthsystems.com

Prevailing Wage and Accounts Payable Information Request

Thank you for this opportunity to be of service on your public works project. Please complete and return this form to allow us to comply with California's prevailing wage requirements, and to prepare Earth Systems' invoices in accordance with your organization's billing requirements in a timely manner. Thank you!

Legal Name of Earth Systems PWC Registration No.	**Earth Systems Pacific** **1000003643**
Earth Systems Project No.	

PUBLIC WORKS PROJECT REGISTRATION INFORMATION:

CLIENT'S PROJECT NAME	Farrell Avenue Preschool
DIR PROJECT ID (PWC-100)	
APPLICABLE BID ADVERTISEMENT DATE	
CLIENT'S REPRESENTATIVE FOR DIR PROJECT ID INFORMATION	Name: E-mail: Phone No.:
LABOR COMPLIANCE PROGRAM (LCP) APPLICABLE TO THIS PROJECT?	Yes or No If yes, please confirm if Earth Systems will be subject to the LCP and provide a copy of the LCP manual to Earth Systems before start of project.

CLIENT'S BILLING REQUIREMENTS:

PURCHASE ORDER NO. (if applicable)	
ADDITIONAL INFORMATION REQUIRED ON INVOICES	
SPECIFY ANY ADDITIONAL FORMS OR BILLING FORMATS REQUIRED TO BE SUBMITTED WITH INVOICES (please attach example)	
ACCOUNTS PAYABLE CONTACT INFORMATION	Name: E-mail: Phone No.:
INVOICE DELIVERY METHOD	E-mail: Mailing Address:
Date	December 1, 2023

Doc. No.: 2312-005.PRP/mg

TERMS FOR SERVICES

1. INVESTIGATION, MONITORING & INSPECTION If the services include monitoring or inspection of soil, construction and/or materials, Client shall authorize and pay for Consultant to provide sufficient observation and professional inspection to permit Consultant to form opinions according to accepted statistical sampling methods as to whether the work has been performed in accordance with recommendations. Such opinions, while statistically valid, do not guaranty uniformity of conditions or materials. Similarly, soils and geology investigations do not guaranty uniformity of subsurface conditions. Client hereby represents and warrants that it has provided and shall provide to Consultant all information and sufficient advance notice necessary in order for Consultant to perform the appropriate level of services. No statement or action of Consultant can relieve Client's contractors of their obligation to perform their work properly. Consultant has no authority to stop the work of others.

2. SITE ACCESS & UTILITIES Client has sole responsibility for securing site access and locating utilities.

3. BILLING AND PAYMENT Client will pay Consultant the proposal amount or, if none is stated, according to the fee schedule attached to the proposal. Payment is due on presentation of invoices, and is delinquent if Consultant has not received payment within thirty (30) days from date of an invoice. Client will pay an additional charge of 1 1/2 (1.5) percent per month (or the maximum percentage allowed by law, whichever is lower) on any delinquent amount, excepting any portion of the invoiced amount that is disputed in good faith. Each payment will first be applied to accrued interest, costs and fees and then to the principal unpaid amount. All time spent and expenses incurred (including any in-house or outside attorney's fees) in connection with collection of any delinquent amount will be paid by the Client to Consultant per Consultant's current fee schedule. Services to be performed by Consultant hereunder which are not set forth in this proposal and/or Work order are additional services. Any additional services provided by Consultant shall be subject to the terms of this contract and charged per Consultant's current fee schedule.

4. OWNERSHIP OF DOCUMENTS Consultant owns all documents it creates and grants Client limited license to use the documents for the purposes stated in the documents. Consultant reserves the right to withhold delivery of documents to Client until payment in full of current invoices has been received.

5. TERMINATION This agreement may be terminated by either party effective 7 days from the date of written notice, or if the client suspends the work for three (3) months. In the event of termination, Consultant will be paid for services performed prior to the date of termination plus reasonable termination expenses. If Consultant has not received payment for any invoice within 30 days from the date of the invoice, or in the event of anticipatory breach by Client, Consultant may suspend performance of its services immediately and may terminate this contract.

6. RISK ALLOCATION In order for Client to obtain the benefit of a fee which includes a lesser allowance for compensating Consultant for its litigation risk, Client agrees to indemnify, hold harmless and defend Consultant, its agents, employees, or officers, from and against any and all loss, claim, expenses, including attorney's fees, injury, damages, liability or costs arising out of non-design services (i.e., services other than as defined by Civil Code Section 2784) performed by Consultant on this project, except where such loss injury, damage, liability, cost, expenses or claims are the result of the sole negligence or willful misconduct of Consultant. Regarding any loss due to the negligence or willful misconduct of Consultant, or any loss due to design defects, Client agrees to limit the total aggregate liability of Consultant, its agents, employees, and officers to Client, and to all construction contractors and subcontractors on the entire project, to the greater of $25,000.00 or total fees charged by Consultant. Client further agrees to require of the contractor and his subcontractors an identical limitation of Consultant's liability for damage suffered by the contractor or the subcontractor arising from any alleged breach or negligence of Consultant. You should consult with an attorney experienced in construction contracts and litigation regarding this provision.

7. HAZARDOUS MATERIALS Consultant is responsible only for hazardous materials brought by Consultant onto the site. Client retains ownership and responsibility in all respects for other hazardous materials and associated damage.

8. THIRD PARTIES AND ASSIGNMENT This Contract is intended only to benefit the parties hereto. No person who is not a signatory to this Contract shall have any rights hereunder to rely on this Contract or on any of Consultant's services or reports without the express written authorization of Consultant. This Contract shall not be assigned by Client without the Consultant's written consent. This Contract is binding on any successor companies to Client or Consultant, and on the surviving corporation in the event of a merger or acquisition.

9. GOVERNING LAW, SURVIVAL AND FORUM SELECTION The contract shall be governed by laws of the Federal Government. If any of the provisions contained in this agreement are held invalid, the enforceability of the remaining provisions will not be impaired. Limitations of liability, indemnities, representations and warranties by Client will survive termination of this agreement. The signatories represent and warrant that they are authorized by the entities on whose behalf they sign to enter into this contract and that their principals have filed fictitious business name statements, if required. All disputes between Consultant and client related to this agreement will be submitted to the court of the county where Consultant's principal place of business is located and client waives the right to remove the action to any other county or judicial jurisdiction.

FEE SCHEDULE – DSA/OSHPD

(Effective January 1, 2024)

This schedule presents rates for professional and technical services in the fields of geotechnical engineering, engineering geology, environmental consulting, construction observation and testing, and special inspection. Listed are charges for services most frequently performed by Earth Systems. Additional services not listed are available and can be discussed upon request; fixed-fee quotes for some services can also be provided upon request. To discuss a scope of work and fees for a specific project, please contact our office.

PERSONNEL	Hourly Rate
Principal Professional	$250.00
Associate Professional	$220.00
Senior Professional	$200.00
Project Professional	$180.00
Staff Professional	$155.00
DSA Masonry, Shotcrete and NDT	$150.00
CWI & Special Inspector, Prevailing Wage*	$153.00
Technician, Prevailing Wage*	$148.00
Special Services/Caltrans Technician, Prevailing Wage*	$148.00
Special Services Technician	$130.00
CWI Inspector	$120.00
Special Inspector	$120.00
Technical Assistant	$110.00
Technician	$110.00
Clerical/Administrative	$110.00

* Technician/Inspector Classifications as defined by the State of California Department of Industrial Relations.

BASIS OF CHARGES

1. The prevailing wage (PW) rates presented herein are based on current rates established by the Department of Industrial Relations (DIR). If, during the course of the project, prevailing wage rates are increased by DIR, rates are subject to adjustment.
2. Field services for regular work days are subject to a 4-hour minimum charge, and billed in 4-hour increments.
3. Work performed on Saturdays, night work, and for premium hours (before 7 a.m., after 5 p.m. or more than 8 hours in one day) for personnel are at time and one-half; Sundays and holidays are at double time. Also, please note requirements concerning overtime, shift work, travel time, holidays, and other factors can vary for different classifications of work under prevailing wage regulations.
4. A 2-hour cancellation charge applies if scheduled inspection or testing is cancelled after 4 p.m. the day prior to the scheduled work.
5. Mileage is invoiced at a rate of $0.95/mile (portal-to-portal).
6. Nuclear density gauge charge: $15.00/hour.
7. Weekly special inspection report charge: $110.00.
8. Subcontracted services, materials, rental equipment, out of town travel, and expenses are charged at cost plus 20 percent. Fixed per diem rates for specific projects can be provided upon request.
9. Report copies: $30.00 each (minimum). Posting of electronic documents to project websites will be charged at clerical/administrative services rate.
10. Projects where State regulations require electronic submittal of Certified Payroll to DIR for prevailing wage will be assessed a fee of $110.00/week. Additional time required to address specific requests related to DIR/Labor Compliance will be charged at the clerical/administrative services rates.
11. Invoices are payable upon presentation. Invoices thirty days past due are subject to a service charge of one and one-half percent per month. Payments using a credit card will be assigned a 3% surcharge.
12. Rates are effective through June 30, 2024.

FEE SCHEDULE – DSA/OSHPD – MATERIALS TESTING

(Effective January 1, 2024)

BASIS OF CHARGES

Rates for field work such as materials sampling, construction inspection, and field evaluation will be in accordance with the Personnel Rates listed in the basic Fee Schedule. The below listed rates apply to standard ASTM test methods. An additional hourly charge ($110.00/hr.) will be applied for cutting, capping, or other preparation of non-standard samples and, where noted, for steel samples.

SOILS

All prices are based on California and Modified California sample sizes (2" – 2.5" diameter) unless noted otherwise. Preparation of 3" diameter samples add $20.00. Testing of contaminated soil will be per quote. Samples will be returned to sender for proper disposal.

Atterberg Limits: Liquid Limit or Plastic Limit	$130.00
Atterberg Limits: Plasticity Index	$265.00
California Bearing Ratio, 3 points; incl. ref maximum density	$655.00
California Bearing Ratio, 9 points; incl. ref maximum density	$950.00
Consolidation, one dimensional	$230.00
Consolidation, timed, per point	$105.00
Basic Corrosivity w/out Rpt (pH, Sulfate, Chl., Resistivity)	Per Quote
Direct Shear, 3 points minimum	$320.00
Expansion Index Test	$210.00
Maximum Density and Optimum Moisture: 4" Mold	$305.00
Maximum Density and Optimum Moisture: 6" Mold	$345.00
Maximum Density and Optimum Moisture: California Impact	$310.00
Moisture and Unit Weight Determination, from Ring Samples	$50.00
Moisture Only	$45.00
Permeability Tests, constant head or falling head	Per Quote
R-Value	$330.00
R-Value, CA State Hwy/set of 3, Cement, Lime, Other addts	$380.00
Hydro Collapse Potential	$170.00
Sieve/Hydrometer Analysis, Assumed specific gravity, w/200 wash	$255.00
Sieve Analysis, Aggregate Base/Subbase	$160.00
Sieve Analysis 200 wash only	$140.00
Sieve Analysis with wash	$165.00
Sieve Analysis, Oversize Material	$220.00
Specific Gravity	$155.00
Swell Test, undisturbed	$210.00
Swell Test, remolded	$235.00
Unconfined Compressive Strength, untreated	$155.00
Unconfined Compressive Strength, lime or cement treated mtrl	$495.00

THERMAL RESISTIVITY TESTS

Concrete, 1 pt w/moisture content (req spcl collection proc)	Per Quote
Field Testing using Thermal Resistivity Meter	Per Quote
Soil, per moisture point, per sample	Per Quote
Soil, 3 moisture points with dry-out curve, per sample	Per Quote

CONCRETE AGGREGATE

Abrasion, L.A. Rattler, 100 and 500 revolutions, ASTM C131 (Small Size Aggregate)	$305.00
Abrasion, L.A. Rattler, 100 and 500 Revolutions, ASTM C535 (Large Size Aggregate)	$565.00
Absorption, Coarse Aggregate	$105.00
Absorption, Fine Aggregate	$155.00
Clay Lumps and Friable Particles in Aggregate	$130.00
Cleanness Value of Coarse Aggregate	$180.00
Crushed Particles, each size	$155.00

FEE SCHEDULE – DSA/OSHPD – MATERIALS TESTING

(Effective January 1, 2024)

CONCRETE AGGREGATE (Cont.)

Durability Index, Coarse or Fine Aggregate	$205.00
Flat and Elongated Particles in Aggregate	$130.00
Organic Impurities in Fine Aggregate	$105.00
Potential Reactivity of Aggr by Chemical Method, ea size	Per Quote
Sand Equivalent	$175.00
Sieve Analysis, washed	$205.00
Soundness, Sodium Sulfate, 5 cycles	$455.00
Specific Gravity, Coarse Aggregate	$155.00
Specific Gravity, Fine Aggregate	$155.00
Uncompacted Void Cntnt of Fine Agg Angularity, w/fine Agg SG	$290.00
Unit Weight of Aggregate	$155.00

CONCRETE CYLINDERS, BEAMS AND CORES

Compression Test of Cast Cylinders per cylinder	$50.00*
Compression Test of Cored Samples, cored at laboratory	$125.00
Compression Test of cores delivered by others	$105.00
Compression Test of Lightweight Concrete	$55.00*
Density of Concrete Cylinders	$85.00
Density of Hardened Concrete	$110.00
Flexural Strength, Simple Beam with Third Point Loading	$185.00
Grading of Shotcrete Cores	$490.00
Sample Storage, monthly per sample	$50.00
Shrinkage, set of 3	$405.00
Unit Weight of Lightweight Concrete	$135.00
Enviro. Recycling Fee, per cylinder, core or beam	$2.00
Enviro. Recycling Fee, per flex beam	$5.00
Enviro. Recycle Fee/Form Stripping, per Shotcrete Panel/Beam	$70.00

MASONRY

Absorption of Block, set of 3	$170.00
Compression Test, 2” x 4” Mortar Cylinders	$45.00*
Compression Test, 3” x 3” x 6” Grout Samples	$65.00*
Compression Test on Block, set of 3	$170.00
Compression Test on Grouted Prisms, includes cutting	$170.00*
Compression Test on Masonry Cores	$90.00
Coring of Grouted Masonry by Subcontractor	cost + 20%
Masonry Shrinkage, set of 3	$250.00
Moisture Content of Block as received, set of 3	$110.00
Shear Test on Masonry Cores, 2 faces	$155.00
Specific Gravity and Unit Weight of Block, set of 3	$175.00
Enviro. Recycling Fee, per masonry prism	$5.00
Enviro. Recycling Fee, per mortar or grout sample	$7.00

* *Includes formal report of test results following 28-Day tests.*

FIREPROOFING

Fireproof Bond Test	Per Quote
Fireproofing Density Test (1)	$85.00

ASPHALT CONCRETE

Bulk Specific Gravity of Compacted Specimens and Core Samples	$85.00
Compaction of Lab Samples, CA Kneading Compactor, set of 3	$245.00
Compaction of Lab Samples, CA Kneading Compactor, set of 5	$405.00

FEE SCHEDULE – DSA/OSHPD – MATERIALS TESTING

(Effective January 1, 2024)

ASPHALT CONCRETE (Cont.)

Compaction of Lab Spls, Mrshl Mthd set of 3 –(50 blows/side)	$250.00
Compaction of Lab Spls, Mrshl Mthd set of 3 –(75 blows/side)	$265.00
Extraction of Oil from A.C. Mixtures	Per Quote
Extraction of Oil from Rubberized Mixtures	Per Quote
Gyratory Compactor, per set of field mixed asphalt	$500.00
Hamburg Wheel Tracker Test, per set of field mixed asphalt	$895.00
Ignition Oven Binder Cntnt, after initial corr value is det	$280.00
Ignition Oven Binder Cntnt Corr Value /mix design, ave of 3	$855.00
Ignition Oven Gradation Correction Value, per mix design	Per Quote
Moisture Content	$55.00
Sieve Analysis of Extracted Aggregate	$290.00
Sieve Analysis of Ignition Oven Residue	$275.00
Specific Gravity, Theoretical Maximum, Rice Method	$175.00
Stability and Flow, Marshall Apparatus, set of 3	$245.00
Stabilometer, Hveem S-Value, set of 3	$355.00
Enviro. Recycling Fee, per sample	$2.00
Enviro. Recycling Fee for Extracted Oils	$50.00

REINFORCING AND STRUCTURAL STEEL

Bend Test of Welded Specimen, sample preparation not incl	$85.00
Pipe Flattening Test, sample preparation not included	$80.00
Reinforcing Steel Coupler Tensile and Slip Tests	$255.00
Structural Steel Bend Test, sample preparation not included	$85.00
Structural Steel Machining/Sample Preparation	cost + 20%
Structural Steel Tensile Test, sample prep not included	$85.00
Tensile and Bend Tests of Reinforcing Bar, #2 through #9	$175.00
Tensile and Bend Tests of Reinforcing Bar, #10 through #18	Per Quote
Enviro. Recycling Fee, per sample	$2.00

BOLT TESTS

Bolt Tests, chemical or mechanical	cost + 20%

WELDER QUALIFICATION

AWS D1.1: 3/8” Plate, per position	Per Quote
AWS D1.1: 1” Plate, per position	Per Quote
AWS D1.3: Sheet Steel	Per Quote
AWS D1.4: Reinforcing Bar	Per Quote
ASME/API Pipe Sections	Per Quote

EQUIPMENT/CHARGES (Does Not Include Personnel)

110-volt Portable Electric Generator	$120.00/day
Anchor Pull Test Equipment	$50.00/hr.
Bailer (disposable) w/dedicated rope	$40.00/ea.
Concrete and Asphalt Concrete Coring Equipment	cost + 20%
Concrete Slab Moisture Transmission Kit	$50.00/ea.
Conductivity Meter	cost + 20%
Cut-Off Saw	$95.00/day
Double Ring Infiltrometer (per set)	$170.00/day
Drum Dolly	$45.00/day
Drums	$95.00/ea.
Dynamometer, In-line Scale	Per Quote
Hammer Drill	cost + 20%
Hand Auger/Sampler Equipment	$70.00/day
Lock n, Load VOC Sample Pres. Sys.	$40.00/ea.

FEE SCHEDULE – DSA/OSHPD – MATERIALS TESTING

(Effective January 1, 2024)

EQUIPMENT/CHARGES (Cont.) (Does Not Include Personnel)

Magnetic Particle Equipment	$200.00/day.
Non-Destructive Testing Equipment	$50.00/hr.
Manometer	$160.00/day
Mini-Troll Groundwater Level Transducer	$120.00/day
Mobile Laboratory	Per Quote
Nuclear Density Equipment	$15.00/hr.
Paint Thickness Meter	Per Quote
Vehicle with Percolation Tank System	$265.00/day
Personal Protective Equipment Level C	Per Quote
Pile Driving Equipment (for pile load testing)	Per Quote
Pile Load Testing Equipment	Per Quote
Pulse Velocity Meter	Per Quote
Rebound Hammer (Schmidt Hammer)	$85.00/day
Reinforcing Steel Locating Equipment (DR-Meter)	$220.00/day
Relative Humidity Meter	$100.00/day
Off Road Vehicle	Per Quote
Safety and Specialty Equipment	Per Quote
Sampling Consumables	Per Quote
Skidmore Bolting Calibration Equipment	$255.00/day
Slope Inclinometer Equipment, per hole	Per Quote
Soil Sampling Containers (metal)	$30.00/ea.
Soil Sampling Containers (glass)	$15.00/ea.
Tape Extensometer	Per Quote
Tension Equipment	$215.00/day
Torque Wrench	$100.00/day
Water Level Indicator	$60.00/day
Windsor Probe, set of 3	Per Quote
Per Diem	Per Quote
DIR Compliance/eCPR, per week	$100.00
DSA Box Posting, ea.	$110.00
DSA Lab Compliance, per week	$110.00
Vehicle Mileage Charge	$0.95

EXPERT WITNESS SERVICES

(Effective January 1, 2024)

The following rates apply to deposition testimony, arbitration testimony, hearings and court appearances.

HOURLY CHARGES FOR PERSONNEL

Principal Professional	$400.00
Associate Professional	$300.00
Senior Professional	$250.00
Clerical/Admin Services	$100.00

SPECIAL SERVICES

Deposition	$400.00/hr.[2]
Arbitration	$400.00/hr.
Court Appearance/Hearings	$1,500.00/half day[3]
Standby to Appear	$750.00/day[4]

BASIS OF CHARGES

1. Hourly rates are charged during investigation, analysis, consultation, and preparation services.

2. Estimated deposition fee payable in advance by party requesting deposition. The difference between advance payment and final fee to be billed or refunded in accordance with the fee and billing information in this schedule. Fee for reviewing deposition transcript will be billed at hourly rates to the party requesting the review.

3. Minimum half day charge will apply to court appearances and hearings. Time extending through the noon hour will be subject to the full day charge of $3,000.00.

4. Days, or portions thereof, reserved for appearances at hearings, court, or arbitrations, during which we are not required to be away from our offices will be subject to a standby charge of $750.00. Standby at other locations will be charged at the general hourly rates.

FURMAN
CONSTRUCTION INSPECTION INC.

December 1, 2023

Mr. Paul Nadeau
Director, Facilities Planning and Management
Gilroy Unified School District
7810 Arroyo Circle
Gilroy, CA 95020

Re: Inspector of Record Services for the Farrell Ave. Preschool Relocatable Classroom Project, DSA Application No. 01-120795

Dear Mr. Nadeau,

Thank you for the opportunity to provide the following proposal for the referenced project.

Based on the information provided at the time of this bid, FCI proposes a not to exceed inspection cost of $17,500. Billing will be on an hourly basis at $125/hr. (140 hours total).

The proposed inspector for the referenced projects will be Jerry Furman, Class 1 IOR DSA Certification #4334.

Included in the above rate are all necessary equipment and supplies to perform inspections and maintain job records. Also included are all closeout documents required by the Division of the State Architect. District or Contractor will provide 1/2 size set of construction drawings to the IOR.

FCI will not charge any travel time for local inspections. If necessary, FCI and the district will negotiate any out of town inspection services.

FCI will maintain all district required insurances.

Please feel free to contact me if you have any questions regarding this proposal. Again, I appreciate the opportunity and look forward to hearing from you.

Sincerely,

Jerry M. Furman

Jerry M. Furman
President
Furman Construction Inspection Inc.
Jfurman@fcinspection.com
408-234-8153

aedis architects

PROPOSAL

November 30, 2023

Mr. Paul Nadeau
Director of Facilities
Gilroy Unified School District
7810 Arroyo Circle
Gilroy, CA 95020

Subject: Refrigerators at Los Animas, Luigi Aprea Elementary Schools
Proposal for Architectural Services

Dear Mr. Nadeau

We are submitting this revised Proposal for architectural service on the subject project. We will honor the terms herein for 30 calendar days from the date of this proposal. The proposal is as follows:

PROJECT UNDERSTANDING

The District is needing to install new walk in refrigerators/freezers structures at the sites noted above. This proposal is to provide the design and coordination for the DSA approval and installation of these structure. Each site will be required to submit to DSA as a separate package. The structure(s) at each site is described as follows:

Luigi Aprea - Refrigerator Freezer, standalone structure:

- One self-contained refrigerator/freezer, approximately 12. x 20', and not greater than 250 sf , as mandated by code. Final size to be determined during the design process. This unit will be adjacent to the existing building and attached the existing kitchen.
- A new recessed pad will be installed for refrigerator/freezer.
- A new opening in the wall will be required for access into the unit.
- Pursuant to DSA IR A-14, connection to the fire sprinkler systems will be required.

Las Animas - Refrigerator Freezer, standalone structure:

- One self-contained refrigerator/freezer, approximately 12. x 20', and not greater than 250 sf , as mandated by code. Final size to be determined during the design process.
- A new recessed pad will be installed for the refrigerator/freezer.
- Pursuant to DSA IR A-14, connection to the fire sprinkler systems will be required.

Option 1:

- Installed refrigerator/freezer across the hall from the MU/kitchen in the RSP and Conference rooms areas. The remainder of the space would create a small office or storage room.

Option 2:

- Installation of the refrigerator freezer to be installed outside of the existing kitchen in the exterior trash yard. Relocation of the existing (2) trash dumpsters will require a new exterior trash enclosure. The new enclosure could be placed opposite its current location across the fire lane.. The new enclosure is required to have a roof and a drain connected to a sanitary sewer line.
- Relocation of the existing electrical pull box, irrigation box, gas meter serving the kitchen, sanitary sewer will all be required.

Option 3:

- Reconfigure the kitchen for additional space, code compliance and direct access to the refrigerator/freezer, approximately 2150 sf of space. Expand the kitchen into the hallway, and reprogram the storage under the stairs to be dry storage for the kitchen. Covert the adjacent classroom to accommodate the refrigerator/freezer and rework corridor for exiting compliance.
- Rework all finishes, ceilings, HVAC, Plumbing, Fire Alarm, Fire sprinklers for the new intended uses.
- Reconfigure landscaping at new exterior for ADA compliance.
- Relocate exterior lighting for egress out of new corridor.

This proposal will include the following tasks for each site:

- Units will be placed in a recessed concrete slab.
- Modifications for openings in existing walls will be required for refrigeration units, including but not limited to new wall framing, interior gypsum board wall repairs, exterior stucco repairs, etc. Major reconfiguration of existing roofs/soffits/eaves, room layouts, exterior building walls is not included in this proposal.
- Site walk and verification of Path of Travel, and fire alarm systems.
- Site Code analysis of the entire site including building analysis, plumbing, parking, fire hydrants, FEMA flood zone mapping, etc.
- Full set of drawings for each site for DSA review and approval, including modular manufacturer drawings.
- ADA and Fire and life safety upgrades that may include path of travel upgrades, minimal restroom and drinking fountain upgrades, parking and drop off upgrades, etc.

We are including minor revisions to the restrooms and path of travel upgrades with this proposal. Work outside of what is listed above is not included.

This project will require the following services, which are not included in this proposal, but typically hired directly by the District for this work:

- Topographic and Underground Utility Surveys
- Geotechnical recommendations

Assumptions:

- Approval or certifications of other buildings on site are not included in this proposal.
- It is assumed fire hydrant coverage is adequate for these sites and no new hydrants will be required.
- No major reconfiguration to restrooms will be required by DSA.
- No major changes to landscape are required other than reconfiguration of the sprinkler systems.
- No site lighting upgrades will be required.
- The new code requires EV Charging stations and solar with back up batteries. We do not anticipate that DSA will require these items and therefore are not included in this fee.
- It is assumed that there is sufficient power on site to accommodate the new structure. New power upgrades or head end equipment upgrades i.e. fire alarm, are not included.
- DSA does not typically allow for fire alarm inside these cooler units as they freeze over. It is anticipated that no fire alarm will be installed in these units.

BASIC SERVICE

We will provide basic design service, which includes the normal landscape and civil (excluding off-site work) engineering services, covering the following phases:

Design Phase

We well review and evaluate the Owner-furnished program as well as schedule and budget requirements. Based on this information, we will prepare Design documents, which include drawings and a Request for Proposal for building contractors, a Statement of Probable Costs and other appropriate materials.

Construction Documents

Upon the Owner's approval of Design Phase documents, we will prepare Construction Documents consisting of drawings and specifications, setting forth in detail the requirements for the construction of the Project. On behalf of the Owner, we will seek the appropriate approval from state and local agencies of these documents and will assist the Owner in connection with the Owner's responsibility for filing other required documents. We will review the Contractor's cost estimate, which reflects the scope of work to-date.

We will assist the Owner in the preparation of the necessary bidding information, bidding forms, the Conditions of the Contract, and the form of Agreement between the Owner and Contractor.

Construction Phase

Our responsibility to provide Basic Services for the Construction Phase commences with the award of the Contract for Construction and terminates at the earlier of the issuance to the Owner of the final Certificate for Payment or 60 days after the date of Substantial Completion of the Work.

The basic service during the construction phase includes review of submittals, periodic site visits during construction, review and processing change orders, certification of construction payment requests and final project inspection. We anticipate the construction timeframe to be approximately 6 months total. If construction extends beyond this timeframe at not fault of the Architect, extended construction services will be billed per the Added Services below.

BASIC COMPENSATION

This fee is a **fixed fee** based on the effort and scope listed above. Any work not listed above will be considered an additional service.

Luigi Aprea:	$137,070.00
Las Animas:	
Option 1:	$137,070.00
Option 2:	$173,170.00
Option 3:	$$290,310.00

ADDITIONAL SERVICES

Services beyond Basic Service and Extended Construction Administrations services described above will be invoiced based upon standard hourly rates listed in Attachment D of our Master Agreement.

REIMBURSABLE EXPENSES

Reimbursable expenses are invoiced at 1.10 times actual cost.

PAYMENT SCHEDULE

The payment schedule for basic compensation will be as follows. Invoices will be submitted monthly based on the percentage of completion of each phase of service.

Schematic Design	10.00%
Design Development	15.00%
Construction Documents	40.00%
DSA Approval	2.50%
Bid and Procurement	2.50%
Construction Phase	25.0%
Closeout	
Submission of Documents to DSA	2.50%
Final DSA Certification	2.50%

We are available to proceed immediately with the Project, upon your approval of this Proposal. Please do not hesitate to call us if you require additional clarification on any of the above points. Otherwise, we ask that you indicate your acceptance of this Proposal by signing the enclosed copy of this letter, which will become our working agreement, and return same to our office.

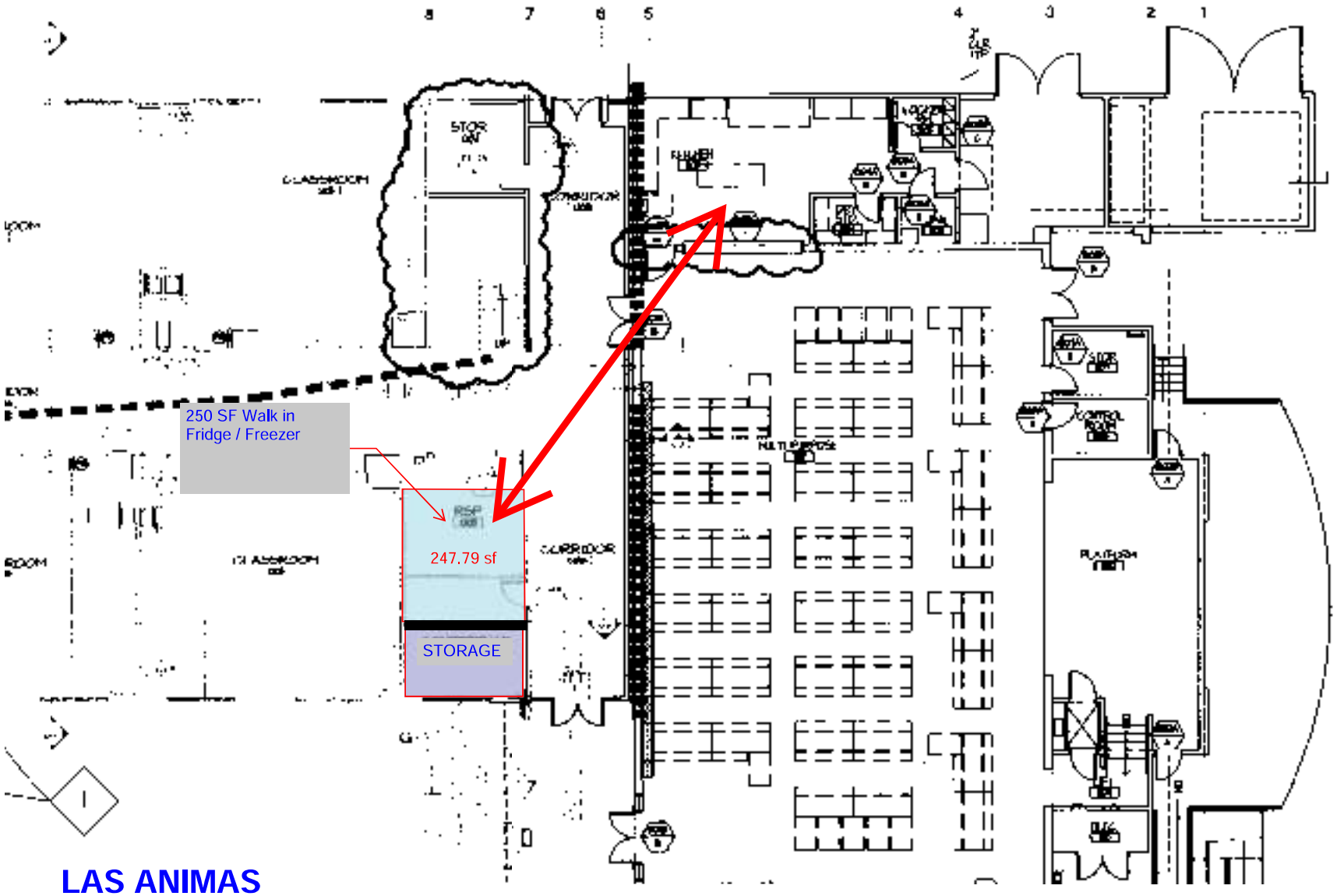
We thank you for the opportunity to be of service.

Sincerely yours,
AEDIS, Inc.

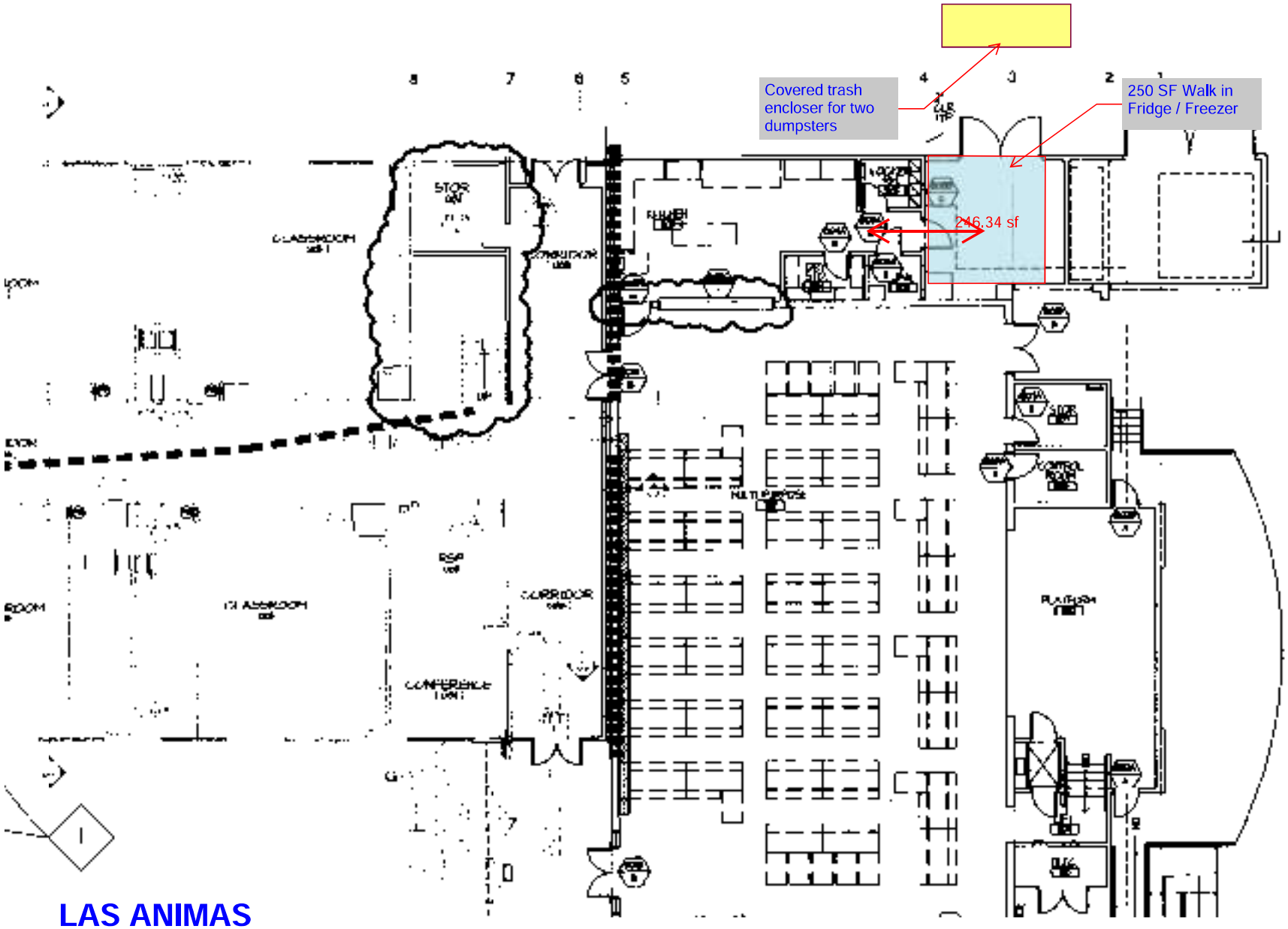
Joe A. Vela, AIA
Managing Principal – Central Valley

Accepted:

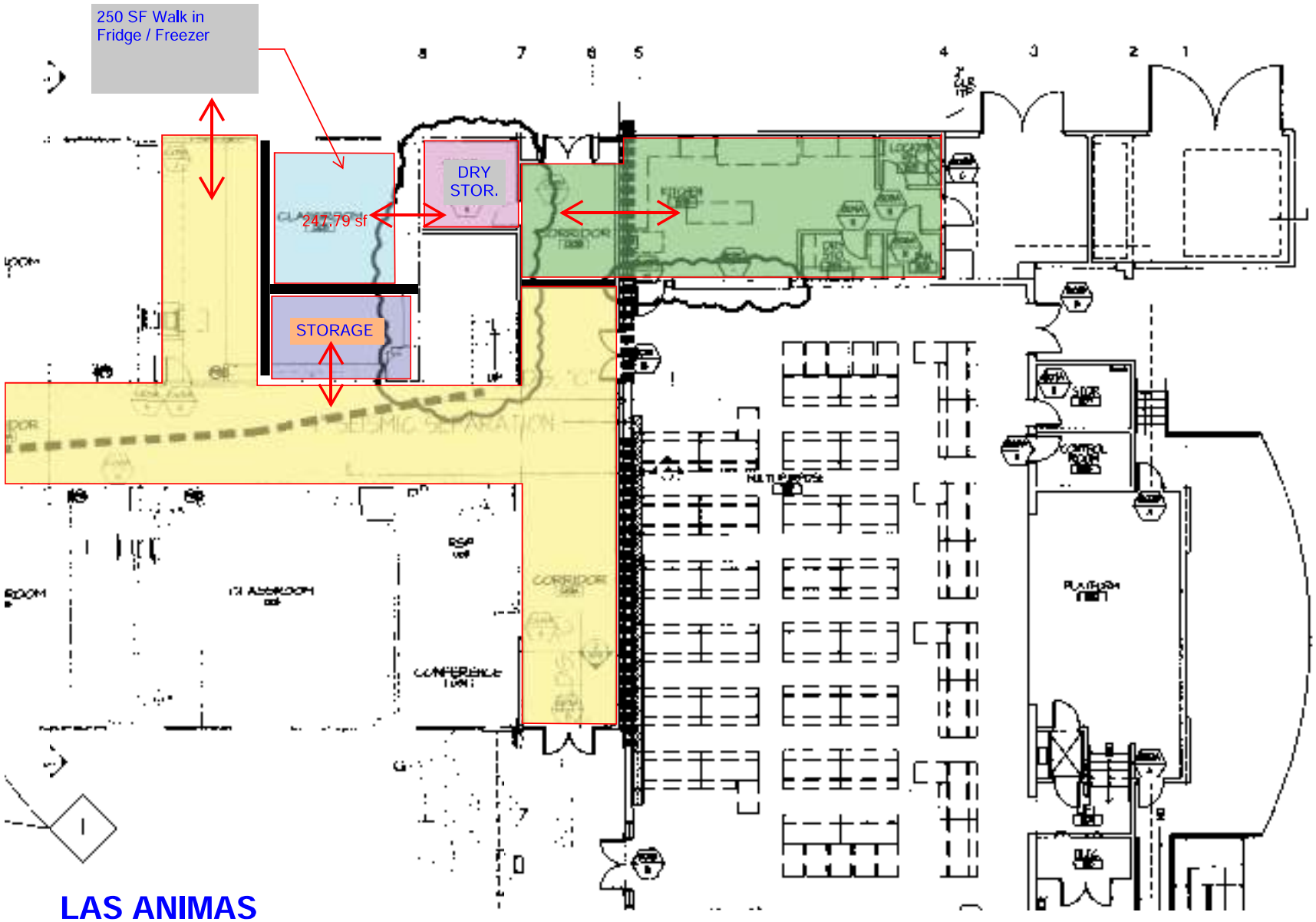
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For Gilroy Unified School District



LAS ANIMAS
OPTION 1



LAS ANIMAS
OPTION 2



LAS ANIMAS
OPTION 3

Item 2L
Alt Adds for ADBSP

Overview

The Antonio Del Buono State Preschool Project is underway by Flint Builders. The project's scope includes the migration of existing portables from the MOTS Yard to ADB, the installation of a playground, shade structure, flatwork, and a parking lot. The existing buildings will need some repairs as they have been sitting in the elements for the past few years. The original bid considers much of this work, however, Flint has pointed out that the result may be less than what the District will want as a finished project. I am proposing a contract amendment of $1M to address items at the site that will finish the project more suitable to the District Standards.

Specifics

	Alternate Options- Existing Buildings A&B	$295,244
1	Patch/ Repair Exterior Dry rot Walls at Building B (300 SF)	$ 15,469
2	Relocate (E) FACP Panel from Wall to Office (1 EA)	$ 11,499
3	Replace Flooring and Base in Building B (1,880 SF; 300 LF)	$ 33,292
4	Recoat Existing Roof Membrane at Building A&B (4,700 SF)	$ 112,750
5	Replace All Exterior Trims and Boards at Building A&B (408 LF)	$ 33,659
6	Replace Existing Exterior Light Fixtures at Buildings A & B	$ 4,634
7	Exterior / Interior Paint at Buildings A&B (9,000 SF)	$ 83,941

	Alternate Options for "New Buildings"	$546,650
9	Replace 100% of Tackable wall panels (50% in base bid)	$ 116,700
10	Replace 100% of Acoustical Ceilings (50% in Base Bid)	$ 40,506
11	Replace 100% Millwork (Rm 1,3,6 in base bid)	$ 38,834
12	Replace Roof Membrane (roof coating in base bid)	$ 77,166
13	Provide New Lighting Fixtures in Modular Building	$ 100,130
14	Provide New Fixtures (sinks, water closet, water heater)	$ 55,814
15	Replace Existing Doors, Frames, Hardware	$ 117,500
	General conditions for all items	$ 93,000
	Total	**$ 934,894**

Summary

This contract amendment will enable us to create a truly complete project for the Antonio Del Buono State Preschool. It will enhance the facade of the facility and give it the curb appeal that a project of this size needs. This amendment will take into consideration the existing conditions that were not originally in the scope of the project (existing buildings).

2M. IT Relocation Project

OVERVIEW

The IT Department currently resides in a leased space at 7800 Arroyo Circle. Although they have been able to make this work, they share their deployment space with the District Professional Development room “The Annex.” Several factors in play have led Mr. Meza to ask us to explore bringing the IT department “in-house” at the District Office. Some of the biggest challenges we wish to address in this project are:

- Elimination of the lease of 7800 Arroyo Circle
- Dedicated deployment space for the IT Department.
- Elimination of the warehouse as a storage and distribution facility
- Addition of needed officing for the District Office Staff
- Dedicated Professional Development Space and Emergency Operations Center

THE PLAN

The project would consist of systematically dismantling the current warehouse storage facility and distributing any non-surplussed items out to the sites. Once the warehouse is cleared of all storage, it will be reconfigured to house the IT Department, a professional development room, and approximately add 7 offices for the District Office and IT Staff. A preliminary design has been drafted to assist the Facilities Subcommittee in visualizing the potential change for this space. This project would need limited architectural resources and Aedis Architects has agreed to work on a time basis for any drawings needed for the project.

This project would not be subject to the DSA and would be designed within Title 24, Title 5, OSHA, and California Building Code regulations. The largest obstacle in this project would be the liquidation of the current warehouse inventory to sites and surplus. Once that is complete, the reconstruction of the warehouse will take place in less than a few months. This project has not been estimated yet and can start this work upon approval of the project.

Paul Nadeau <paul.nadeau@gilroyunified.org>

RE: EXTERNAL - Re: Keys to Cesar Chavez Gym

3 messages

Adam Henig <Adam.Henig@ci.gilroy.ca.us> Fri, Dec 1, 2023 at 4:24 PM
To: Paul Nadeau <paul.nadeau@gilroyunified.org>

Hi Paul,
Thanks for the update.

Here's who has already received a key to Cesar Chavez Gym:

- Mario Gutierrez, Recreation Custodian
- Bryan Hernandez, Recreation Specialist
- Noe Zuniga, Recreation Leader III
- Darren Hernandez, Recreation Leader I
- Eucario Mendoza, Facility Custodian
- Recreation Facility Key Box (backup for an emergency)
- City contractual weekend custodian (1 key)

Here's who else needs a key (7, not 8).

- Alexa Correa, Recreation Leader I
- Catherine Canseco, Recreation Leader II
- Jared Zuniga, Recreation Leader I
- Justin Gallegos, Recreation Specialist
- Merysu Jimenez, Recreation Leader I
- Paola Carbajal, Recreation Leader I
- Monica Gonzalez, Community Coordinator

The reason why we need so many is that we have different people opening up and closing facilities on any given day. They also have keys to our other facilities like the Senior Center and Wheeler Gym. This is how we operate since we don't have a single campus.

With the exception of the custodial contractor, these are all trained and vetted City of Gilroy employees.

Thanks again,

Adam

From: Paul Nadeau <paul.nadeau@gilroyunified.org>
Sent: Friday, December 1, 2023 3:49 PM
To: Adam Henig <Adam.Henig@ci.gilroy.ca.us>
Subject: EXTERNAL - Re: Keys to Cesar Chavez Gym

CAUTION: This email originated from an **External Source**. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Hi Adam,

The District got uncomfortable with me giving out 7 keys without assigning them to people. So, first, let me collect name and positions for the 7 keys we have out right now. I'll get them onto a key checkout form for you to sign. If possible, go ahead and put the other 8 people on that list as well that don't have keys. I am not very hopeful that they will issue more keys though.

On Thu, Nov 30, 2023 at 4:08 PM Adam Henig <Adam.Henig@ci.gilroy.ca.us> wrote:

> Hi Paul,
>
> Thanks again for getting us the universal keys yesterday. As I mentioned earlier this morning, I need more keys. Could you provide me with 8 more?
>
> Please drop them off at the Senior Center and have our office staff put it in my mailbox. We're open from 9am-4pm.
>
> Thank you!
>
> Adam Henig | Recreation Manager
>
> City of Gilroy | 7371 Hanna Street | Gilroy, CA 95020
>
> (408) 846-0577 | Adam.Henig@cityofgilroy.org
>
> ParksMakeLifeBetter!
>
> Sign-up for our monthly newsletter | Register for a recreation program | Like us on Facebook
>
> *"Teamwork makes the dream work!"*

--

Paul Nadeau

Director of Facilities Planning & Management

(408) 726-1686

Val's PLUMBING & HEATING, INC.

CALIFORNIA STATE CONTRACTORS LICENSE NUMBER 236164

Telephone (831) 424 – 1633 ☎ Fax (831) 754 – 5514

413 FRONT STREET

Salinas, Ca. 93901 – 3609

January 25, 2023

2o

BID PROPOSAL **DIR # 1000002438**

Job:	**Gilroy Prep School**
Address:	**277 loof Ave, Gilroy, CA 95020**
Bid Date & Time:	**1/25/2023**
Architect:	
Plan Date:	
Addendums Noted:	

Base Bid Price: See scope of work on page 2 Pricing Valid for 30 Days

Remove and replace 3 gas/electric package unit with heat pumps---------- **$ 195,440.00**

Bid Stipulations:

1. No Permits, Calcs, or Fees in pricing unless specifically noted above.
2. Our Bid Sheet is to be incorporated into Contract (Attachment).
3. Two paper Sets of plans, provided at no cost by GC, will be required for each trade.
4. Val's Plumbing and Heating's' indemnity obligation is not to exceed our insurance coverage.
5. Price is based on installing our work before interior framing and soffits.
6. Acceptance of our bid is conditional on our acceptance of your Contract.
7. OFCI equipment installation is excluded unless shown specifically on M or P sheets to be completed by that trade.
8. By acceptance of this proposal, if progress and/or final payment is not received timely and Val's is forced to retain an attorney and/or file a lien/stop notice, all associated costs and attorney's fees are agreed to be paid for by the GC in default.

Val's PLUMBING & HEATING, INC.
CALIFORNIA STATE CONTRACTORS LICENSE NUMBER 236164
Telephone (831) 424 – 1633 ☎ Fax (831) 754 – 5514
413 FRONT STREET
Salinas, Ca. 93901 – 3609

January 25, 2023

Scope of Work:

1. Remove and replace one (1) 5-ton, and two (2) 15-ton gas/electric package units with heat pumps.
2. Add electric strip heaters to 15-ton heat pumps for supplemental heating.
3. Reconnect to existing pelican thermostat.
4. Include all crane/ rigging equipment as required to complete scope of work.
5. Include all electrical upgrades as required to switch from gas/electric units to heat pumps.
    a. Includes new electrical feeders for the two 15-ton heat pumps

Exclusions:

GENERAL:

- No overtime or premium pay in price.
- No carpentry work, framing or penetrations, structural supports, electrical, fire alarm or fire protection work, roofing, painting, or patching of any kind.
- No hazardous abatement or removal of any kind.
- Ladders, tools, and equipment on the job site that are owned or rented by Val's are only to be used by Val's employees, unless our release of liability form for tool use is executed, and in conjunction with a release of liability naming Val's plumbing & heating, inc. Additionally insured by w/c and liability carrier with waiver of subrogation.
- No bond in price.
- All permits and fees are excluded from scope.

HVAC:

- T-bar register splay wires provided and attached to structure by others. Final connections at registers by Val's.
- Ethernet connection drops to be provided by others.
- Motor starters and disconnects are excluded from our pricing.
- No H.E.R.S. testing in pricing. If required, this testing will be completed on a T&M basis only as a change order.
- HVAC pricing excludes temporary filters and use of HVAC equipment for ventilation, temp control, or flush-out during course of construction. All temporary facilities & controls measures are excluded.
- All painting is excluded.
- Electric heat strip heater for 5-ton heat pump is excluded per instructions at site visit.
- Pelican programming is excluded, if needed the work can be completed through additive change order and access to the pelican site will be required.
-

PLUMBING:

- No house-keeping pads in price.
- Plumbing connections are +/- 5'-0" from building.
-

Val's Contact: Cody Self
Email: Cody@valsplumbing.com
Phone: 831-998-2131

3a

BradyIFS

Fairfield, CA
Phone: 707.745.8900
www.bradyindustries.com

QUOTATION

#6935881

11/3/2023

ORDERED BY: GILROY UNIFIED SCHOOL DISTRICT
7810 ARROYO CIRCLE
GILROY, CA 95020
USA

SHIP TO: GILROY UNIFIED SCHOOL DISTRICT
7810 Arroyo Cir
Gilroy, CA 95020-7313
US

Customer ID:	283887	Ship To ID:	283887
Order #:	6935881	Entered By:	WILLIAM.ZAHIRALIS
Customer PO #:			

Qty	B/O	Item ID	Description	UoM	Unit Price	Ext Price
		Delivery Instructions:	UPON ARRIVAL PARK TRUCK IN A SAFE AUTHORIZED LOCATION. SECURE;TRUCK FOR SAFTEY. DRIVER MUST REPORT TO THE MAIN OFFICE AND SIGN;IN AN REQUEST THE CUSTODIAN TO ESCORT THEM TO THE UNLOADING;LOCATION. NOTES DATED: 081419;****** TUESDAY AND THURSDAY DELIVERY			
735.00	735.00	56602	DISPENSER T/P PACBLU ULT HC KEYLOCK SMOK	EACH	0.000	0.00
123.00	123.00	PA9304	TISSUE T/P PAC BLUE ULTRA 2PLY 24/1700	CASE	78.553	9,662.02
925.00	925.00	59589	DISPENSER P/T PACIFIC BLUE MECH BLACK	EACH	0.000	0.00
155.00	155.00	PI9103	TOWEL RL PACIFIC BLUE 7.87"W WHI 6/1150'	CASE	85.205	13,206.78
800.00	800.00	CK9401	MOUNTING BRACKET FOAMY IQ 1/EACH	EACH	0.000	0.00
800.00	800.00	CK9402	COVER PLATE FOAMY IQ 25/CS	EACH	0.000	0.00
182.00	182.00	CM9407	HANDWASH FOAMY IQ CITRUS FRESH 1250ML 4/	CASE	36.640	6,668.48
					FUEL :	6.00

SUB-TOTAL:	29,537.28
TAX:	2,695.28
BALANCE DUE:	**32,238.56**

Total Lines: 7

Matthew Woolman <matthew.woolman@gilroyunified.org>

Gilroy USD Dispenser Quote

3 messages

William Zahiralis <William.Zahiralis@bradyindustries.com> Fri, Nov 3, 2023 at 10:56 AM
To: leeanna.hammer@gilroyunified.org, matthew.woolman@gilroyunified.org
Cc: William.Zahiralis@bradyindustries.com

GILROY UNIFIED SCHOOL DISTRICT

Hi Matt & Leeanna,

Please see the attached quote for the toilet paper, roll towel and soap dispensers.

The dispensers are at no cost to Gilroy USD and would need to be installed by the Georgia Pacific installers to make sure they are done correctly.

If you wish to install the dispensers yourself, there will be a cost to the dispensers of $20 each.

Please let me know if you have any questions.

Thank you,
Bill

William Zahiralis
Brady Industries, LLC
William.Zahiralis@bradyindustries.com

William Zahiralis
Sales Representative, BradyIFS

2750 Maxwell Way Fairfield CA 94534
Main: (707) 745-8900

William.Zahiralis@bradyindustries.com

Qte6935881.pdf
104K

Matthew Woolman <matthew.woolman@gilroyunified.org> Fri, Nov 3, 2023 at 2:15 PM
To: William Zahiralis <William.Zahiralis@bradyindustries.com>
Cc: William.Zahiralis@bradyindustries.com, leeanna.hammer@gilroyunified.org

Hey Bill,

Can you send me submittals on all the products so I can take it to the board.

Thanks

Matt Woolman
Director of Facilities, Operations & Maintenance
Gilroy Unified School District
220 Swanston Lane
Gilroy, CA 95020
Matthew.Woolman@gilroyunified.org
(669) 205-7940 Office
(408) 710-8480 Cell
[Quoted text hidden]

William Zahiralis <William.Zahiralis@bradyindustries.com> Mon, Nov 6, 2023 at 10:03 AM
To: Matthew Woolman <matthew.woolman@gilroyunified.org>, Leeanna Hammer <leeanna.hammer@gilroyunified.org>

Hi Matt,

Please see the literature attached with the quote for the Georgia Pacific items. Please let me know if you need anything else.

55602A Pacific Blue 4 Roll Toilet paper wheel dispenser.

11728 Pacific Blue toilet paper 24 rolls 1700 sheets per roll.

59589 Pacific Blue Ultra Mechanical paper towel dispensers

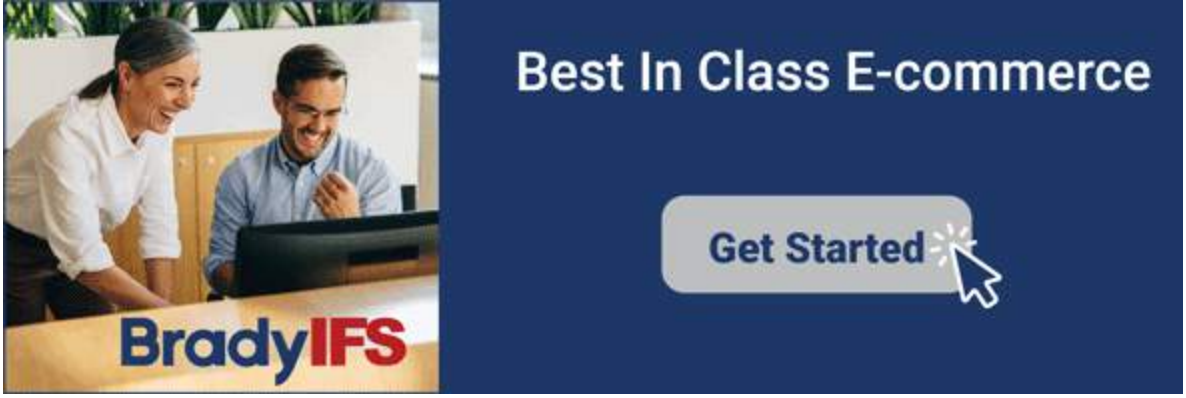
26490 Pacific Blue Ultra Paper Towel Rolls

Thank you,
Bill

Get Outlook for iOS

William Zahiralis
Sales Representative
BradyIFS
2750 Maxwell Way Fairfield CA 94534
Main: (707) 745-8900

William.Zahiralis@bradyindustries.com



From: William Zahiralis <William.Zahiralis@bradyindustries.com>
Sent: Friday, November 3, 2023 10:56:18 AM
To: leeanna.hammer@gilroyunified.org <leeanna.hammer@gilroyunified.org>; matthew.woolman@gilroyunified.org <matthew.woolman@gilroyunified.org>
Cc: William Zahiralis <William.Zahiralis@bradyindustries.com>
Subject: Gilroy USD Dispenser Quote

[Quoted text hidden]

---

4 attachments

Qte6935881.pdf
104K

Gilroy USD - PBU Towel, Compact Tissue, PBU Tissue.pdf
1067K

PBU Coreless Tissue Dispenser System.pdf
919K

Pacific Blue Ultra Towel Dispenser System.pdf
1103K

Work Order Woodshop, Andrew

3b

2 messages

Andrew Williams <andrew.williams@gilroyunified.org> Wed, Nov 8, 2023 at 11:27 AM
To: Kimberly Lemus <kimberly.lemus@gilroyunified.org>
Cc: Matthew Woolman <matthew.woolman@gilroyunified.org>

Good morning Kimberly, Matt asked me to send you a work order to bring back the Jet Sander and 4 jet table top lathes so it can be put in the loop to get looked at. Thank you Andrew

---

Jeremy Dirks <jeremy.dirks@gilroyunified.org> Thu, Nov 9, 2023 at 8:29 AM
To: Matthew Woolman <matthew.woolman@gilroyunified.org>

We are 100 percent OK with this?

---------- Forwarded message ---------
From: **Kimberly Lemus** <kimberly.lemus@gilroyunified.org>
Date: Thu, Nov 9, 2023 at 8:20 AM
Subject: Fwd: Work Order Woodshop, Andrew
To: Jeremy Dirks <jeremy.dirks@gilroyunified.org>

Do you want, me to process this work order?

Kimberly Lemus
Office Coordinator
Christopher High School
850 Day Rd
Gilroy, CA 95020
Tel: (669)-205-5300 extension 241010
Direct Line: (669)-205-5310
Fax: (408)-847-7256
Kimberly.Lemus@gilroyunified.org

[Quoted text hidden]

--
Jeremy Dirks
Principal
Christopher High School
(669) 205-5305

EST 1928
WOODCRAFT®

Woodcraft of San Carlos (San Francisco Bay Area)
40 El Camino Real
San Carlos, CA 94070
USA
Telephone 650-631-9663

Sell To:
Gilroy USD - AR
7810 Arroyo Circle
Gilroy, CA 95020
USA

Quotation 561-001641-1

Nov 9, 2023

Customer Name Gilroy USD - AR

Quotation deadline Nov 30, 2023

Your ref. Quote Valid through November 30, 2023

Customer Account 005612328240
Shipping Method DELIVERED

Total 15,375.18

ITEM	DESCRIPTION	QUANTITY	SALES PRICE	DISCOUNT	AMOUNT
176006	Axiom Autoroute 8 V5 CNC	1.	8,499.99	1,700.00	6,799.99
420959	Axiom AutoRoute Stand 8	1.	649.00	0.00	649.00
423403	Axiom CNC Router Tool Box AR4/6/8	1.	499.00	0.00	499.00
172942	Axiom Pendant Protector B11/B18	1.	99.00	0.00	99.00
ADS221	Dust Shoe fits ARPro	1.	179.00	0.00	179.00
423406	Axiom Hold Down Clamp (Pair)	1.	19.00	0.00	19.00
189264	Lateral Clamp Kit	1.	99.00	0.00	99.00
865095	Axiom Vacuum Hold-Down Kit (5 pods)	1.	159.00	0.00	159.00
172925	LED Lamp Kit 4/6/8	1.	39.00	0.00	39.00
874038	Overarm Dust Accessory	1.	499.99	0.00	499.99
872554	Axiom Rotary Kit	1.	1,099.99	0.00	1,099.99
874040	Jtech 4.2 Laser Kit	1.	999.99	0.00	999.99
871884	Aspire v9	1.	1,995.00	0.00	1,995.00
172943	CNC Maintenance Kit	1.	99.00	0.00	99.00
172936	Axiom 2pc Aluminum Bit Set by Amana Tool	1.	69.00	0.00	69.00
172937	Axiom 2pc Plastic Cutting Bit Set by Amana Tool	1.	69.00	0.00	69.00

Satisfaction Guaranteed
If you are not happy with your purchase, return it anytime within 90 days for a refund.
Power Tools are limited to the
manufacturer's warranties. Special orders are subject to a 25% restocking

EST 1928
WOODCRAFT®

Woodcraft of San Carlos (San Francisco Bay Area)
40 El Camino Real
San Carlos, CA 94070
USA
Telephone 650-631-9663

172939	Axiom 9pc Spektra CNC Bit Set by Amana Tool (Iconic)	1.	399.00	0.00	399.00
184745	Axiom 3pc CNC Inlay Set	1.	69.00	0.00	69.00
90SHPNT	Additional Shipping Nontaxable	1.	99.00	0.00	99.00
COL FEE	Bay Area High Cost of Living Fee 1.125%	1.	156.83	0.00	156.83
			NET AMOUNT		14,097.79
			SALES TAX 9.125		1,277.39
			USD TOTAL		**15,375.18**

Satisfaction Guaranteed
If you are not happy with your purchase, return it anytime within 90 days for a refund.
Power Tools are limited to the
manufacturer's warranties. Special orders are subject to a 25% restocking

Re: CNC machine for Woodworking

1 message

Jeremy Dirks <jeremy.dirks@gilroyunified.org> Mon, May 8, 2023 at 1:30 PM
To: Gregory CamachoLight <gregory.camacholight@gilroyunified.org>
Cc: Alvaro Meza <alvaro.meza@gilroyunified.org>, Andrew Williams <andrew.williams@gilroyunified.org>, Julie Berggren <julie.berggren@gilroyunified.org>, Kimberly Lemus <kimberly.lemus@gilroyunified.org>, Matthew Woolman <matthew.woolman@gilroyunified.org>

I have approved at the site level..Alvaro and Matt must also approve.

On Mon, May 8, 2023 at 1:10 PM Gregory CamachoLight <gregory.camacholight@gilroyunified.org> wrote:

Hi, This is the email I sent to Alvaro, Deb, Maribel, Matt and Paul N. to begin the exploratory process to purchase and put in the CNC Machine that Andrew has requested. I'll let you know what I hear back. --Thank you, Greg

> Hi, This is more of a proposal than a request for CHS Woodworking program:
>
> Attached is a quote for a 24” x 36” Axiom Iconic CNC Router --**For fiscal year 23-24 Perkins purchase**, but a lot of discussion and approvals would be needed before it would happen, so starting early for next year.
>
> *"CNC stands for computer numerical control, which indicates computer software and electronics controlled machines instead of a direct human operator"*
>
> One of the necessary requirements for a CTE pathway is relevant post secondary pathway extensions. A couple units in CNC training does not make a pathway but it is relevant to woodworking and can introduce a major industry area in woods and design.
>
> For instance:
> **DeAnza College offers many certification and associate degrees in the field.**
> CNC Machinist - Certificate of Achievement
> CNC Machinist - Certificate of Achievement-Advanced
> CNC Machinist - Associate in ScienceCNC Programming - CAD/CAM - Certificate of Achievement
> CNC Research and Development Machinist - Certificate of Achievement-Advanced
> CNC Research and Development Machinist - Associate in Science
> Computer Aided Design - Mechanical - Certificate of Achievement
> Product Model Making - Associate in Science
> Quality Control Technician - Certificate of Achievement
>
> **Some Physical requirements:**
> - The shop needs to be looked at specifically to see whether the machine can be installed and what would need to be removed in order to do so.
> - Mr. Williiams is requesting that one of his metal lathes (that isn't being used) be replaced with the CNC machine.
> - The State Architect might need to approve as the original plan for the CHS Woodshop does not include a CNC machine
> - The Facilities Committee would need to approve..
> - The machine will also necessitate the purchase of a computer. (not included in this quote)
>
> **Some Teacher requirements:**
> - The teacher has been instructed, by me, to do an update of his Course Description and course outline/syllabus before the introduction of the new CNC Units and before the purchase of the

machine so that the value and impact of the new units can be analyzed before any changes are made.
    - The training for the machine is provided online for the teacher.

This is a request to start the explorator process. --Thanks, Greg

--

Greg Camacho-Light
Administrator of Alternative Educational Programs
Career Technical Education
Credit Recovery
Adult Education
(669) 205-5291
gregory.camacholight@gilroyunified.org



"The joy and good nature of children is a precious thing—no proper education should involve spoiling it."
-Bryan Holiday from Medium,
Totto-Chan: The Little Girl at the Window by Tetsuko Kuroyanagi

“Go Giants"
--giant fan

--
Jeremy Dirks
Principal
Christopher High School

Architectural Systems
P.O. Box 1092
San Martin, CA 95046 US
+1 8778999492
gordon@as-inc.com
www.as-inc.com

Estimate

ADDRESS
Gilroy School District

ESTIMATE # 5699.1
DATE 10/20/2023

ACTIVITY	QTY	RATE	AMOUNT
Gilroy School District Maintenance Cage Gilroy School District Attn: Matt Woolman This Estimate is based off a job walk with Matt Woolman			
Installation of ((39) L.F. of 16’-0" High Galvanized Chain link Maintenance Cage Includes 16’-0" High Galvanized Wire 9 GA. Chainlink Includes 2-7/8 SCH 40 Posts @ 10’ o/c Includes 1-5/8" Structural Top, Middle and Bottom Rail Includes Fittings and Fasteners Includes 4" SQ. Baseplates Includes 1/2" Dia. Wedge Anchors	1	11,268.00	11,268.00
Installation of 8’ High x 6’ Wide Galvanized Chainlink Double Swing Gate to match Fence Includes Post and Frame Hinges Includes Lockable Fork Latch			
Clarifications Normal Working Days/Hours M-F, 7am-4pm No Overtime Included Includes Prevailing Wage			

If you have any questions please contact

Chris Johnston

TOTAL **$11,268.00**

Accepted By	Accepted Date

Existing Perimeter Fencing



965 Linear feet of new fence



Architectural Systems
P.O. Box 1092
San Martin, CA 95046 US
+1 8778999492
gordon@as-inc.com
www.as-inc.com

Estimate

ADDRESS
Gilroy School District

ESTIMATE # 5705.1
DATE 10/30/2023

ACTIVITY	QTY	RATE	AMOUNT
Eliot Elementary School 475 Old Gilroy St, Gilroy, CA 95020 Gilroy Unified School District Attn: Matt Woolman This ROM BUDGET Estimate is based off a Request by Matt Woolman of Gilroy Unified School District			
IRON FENCE Installation of (965) L.F. 6’ H Ameristar 3 Rail Iron Fence Includes 6’ High x 8’ Wide 3 Rail, 1-3/4" SQ. Flush 3 Rails, 3/4" Pickets, Pre Galv Includes 3" Square Posts, 11 ga. 9’ long Includes Ameristar Brackets Includes Fasterners Includes 10" x 30" Deep Concrete Footings, Cored Into Existing Concrete Curb. Assumes Concrete Curb is 6" Thick	1	124,257.00	124,257.00
IRON GATES Installation of (2) EA. 6’ High x 22’-0" Wide Iron Double Swing Gate to match Fence Includes 4" SQ. Hinge Posts Includes Hinges, Pair Includes 14" x 42" Deep Concrete Footings Manual Only, No Gate Motor Included Knox Box by Others Installation of (1) EA. 6’ High x 15’-0" Wide Iron Double Swing Gate to match Fence Includes 4" SQ. Hinge Posts Includes Hinges, Pair Includes 14" x 42" Deep Concrete Footings Manual Only, No Gate Motor Included Knox Box by Others	1	83,234.00	83,234.00

ACTIVITY	QTY	RATE	AMOUNT
Installation of (6) EA. 8’ H x 42" W Single Pedestrian Gates Includes 3 Rail Flush Bottom Swing Gate with Flat Point Pickets Includes With 10" Kick and Panic Plate Includes 18GA Expanded Metal Includes 3" SQ. Posts11 GA Includes Von Duprin 99 Series Panic Hardware Includes Locinox Mammoth Hinges Includes 12" Dia. x 36" Deep Concrete Footings Includes Side Mesh and Channel Includes Fasteners			
Remove (965) L.F. of 6’ High Chain Link Cut Posts Flush with Concrete Curb, Fill posts w/ Quick Rok Includes Off-Haul and Dump Fees	1	7,961.00	7,961.00

Clarifications:
Budget Only
Permits by Others
Engineering by Others
Survey / Staking by Others
Underground Utility Locator Company by Others
Repair of Unknown Underground Utilities by Others
Irrigation Repair by Others
Landscape Repair by Others
Normal Working Days/Hours
M-F, 7am-4pm
No Overtime Included
Includes Prevailing Wage

***Because of the volatility of materials, our price can only be held for a maximum of 60 days. if the job is awarded after the 60 day expiry period, the materials would need to be rebid before award of contract.

If you have any questions please contact

Chris Johnston

TOTAL **$215,452.00**

Accepted By

Accepted Date

CRUSADER FENCE COMPANY

3115 Gold Valley Dr.
Rancho Cordova, CA 95742
Phone: (888) 818-9191
Fax: (916) 631-8989
C-13 License: 1056652
DIR: 1000449929
Small Business: 2015918

Monday, November 27, 2023
RE: Eliot ES – 6' Proposal

We are pleased to submit our quotation to furnish and install the following Per Plans and Specifications:

1. Demolition of +/-833 of existing chain link fence and gates.
    a. Saving and reusing all panic hardware.
    b. Includes saw cutting mow strip as needed for new footings.
    c. Fence to be cut level with mow strip. Footings to remain unless there is a layout conflict.
    d. Includes set up of temp fence prior to demo..... **$63,635.00**
2. Installation of +/- 833lf of 6' Ameristar Montage II – Genesis Style Iron Fence.
    a. Includes 4" x 11ga sq black posts with 12" dia. x 42" deep footings..... **$204,073.00**
3. Installation of (2) 20' Wide & (1) 15' Wide x 6' tall manual double swing gates.
    a. Includes 4" x 11ga sq black posts with 18" dia. x 54" deep footings.
    b. Includes hinges and fork latch..... **$29,358.00**
4. Installation of (3) 4' wide Single swing panic gates.
    a. Includes reinstall of existing panic hardware & hinges..... **$25,493.00**

Total for the above:.....$322,559.00

Add Alternate #1: Install of +/- 22lf of 6' Ameristar Montage II – Genesis Style Iron Fence. Installation of (2) 3' wide manual swing gates. This work is behind the building and at the slated fence..... **$14,501.00**

Add Alternate #2**: Value Engineering**: Replace Montage II Genesis Pannels from Ameristar with **V3 Extended Picket/Flat Bottom three rail Panels** would result in $18,805.00 deduct.....Total: $**303,754.00**

Exclusions/Clarifications:
No hand digging or hydro included. Mow strip demo is to accommodate new footings for the posts. Rebar cages are not included. If required additional cost will be provided. Knox box if required to be provided by others.

Qualifications:

- This bid document and all its terms and conditions shall be incorporated into any contract or subcontract between Subcontractor and G.C. or Owner in relation to the project on which this bid or proposal is issued. The terms of this bid document shall control and take precedence over any terms in any other writing, contract or subcontract entered between Crusader Fence Co. and G.C. and/or Owner for this project which conflict with or are different than the terms herein. This is a material term and acceptance of this Bid or Proposal expressly includes acceptance of this term.
- Proposal is based on two move-ins, addition move-ins shall be charged at $2,300 each.
- Site shall include unencumbered access to fence lines for an all-season truck and installation equipment (i.e. Bobcat) for material delivery and work performance. If hand-digging is required because of poor access, Crusader Fence requires a F.C.O. by G.C. or Owner and will result in additional cost.
- Crusader Fence is not responsible for damage to landscape or objects within 6' of fence line or for any disturbance of existing environmental contaminants.
- Staking of fence line shall be laid out by G.C. or Owner prior to Crusader Fence mobilization. Staking shall include all end, corner, and gate locations complete with finished grade elevations. Clearing, grading, grubbing or staking of the fence line is not included in this proposal.
- Locating of non-USA member utilities is not included in bid. Private sub-surface locating services can be added with additional cost. The G.C., Owner, and their representatives shall indemnify and hold Crusader Fence harmless from any and all liabilities and/or damage resulting from unmarked non-USA member utilities. If any underground utility is within 3 feet of fence footings, hydro-vac and/or any other means to safely avoid utility strikes will require a F.C.O. by G.C. or Owner. Hand-digging to avoid underground utility strikes is excluded. Hydro-vac rate is cost plus 15%.
- Non-drillable post holes will require a signed F.C.O. by G.C. or Owner and will result in additional costs. All post holes will be drilled with a 9,000 lbs. (max. size) drilling machine using a 10 min. drill time (max. time) to determine if holes are non-drillable independent of soils report.
- All posts set in concrete slabs, walls, etc. are to be set prior to setting concrete; or they must be blocked out or sleeved by G.C. or Owner. Rebar cages are excluded.
- Any construction schedule shall be made in consultation with Crusader Fence and shall provide adequate time to perform all work during normal working hours based on an eight-hour day. Crusader Fence is not responsible for liquidated damages if insufficient time has been allocated by G.C. or Owner.
- Core drilling, saw cutting, concrete/asphalt patching, spoils haul-off, permits or fees, engineering calculations are not included in this proposal.
- Crusader Fence will provide construction cores only for all keyed lock and hardware sets. Fire Department devices (i.e. Knox) are not included.
- This bid proposal allows for a maximum of a 5% retention. This retention is due and payable 60 days after acceptance of Crusader Fence's completed work.

- Material pricing in this quotation assumes Owner/GC provided lay-down yard. If no lay-down yard is available, the cost for Crusader Fence to handle, deliver and store the project material is 2% of material cost/month.
- Bond rate - .65% on first $500K, .52% next $2M, .45% next $2.5M (No bond expense included in bid) Insurance - $2M G/L, $1M Worker's Compensation.
- Crusader Fence Co. requires a letter of intent within 14 days to honor bid submission.

Thank you for the opportunity to quote this project.

Very respectfully,
Tim Gutshall
916-809-2304
timothy@crusaderfence.com

CRUSADER FENCE COMPANY

3115 Gold Valley Dr.
Rancho Cordova, CA 95742
Phone: (888) 818-9191
Fax: (916) 631-8989
C-13 License: 1056652
DIR: 1000449929
Small Business: 2015918

Monday, November 27, 2023
RE: Eliot ES -7' Proposal

We are pleased to submit our quotation to furnish and install the following Per Plans and Specifications:

1. Demolition of +/-833 of existing chain link fence and gates.
    a. Saving and reusing all panic hardware.
    b. Includes saw cutting mow strip as needed for new footings.
    c. Fence to be cut level with mow strip. Footings to remain unless there is a layout conflict.
    d. Includes set up of temp fence prior to demo..... **$63,635.00**
2. Installation of +/- 833lf of 7' Ameristar Montage II – Genesis Style Iron Fence.
    a. Includes 4" x 11ga sq black posts with 18" dia. x 54" deep footings..... **$238,551.00**
3. Installation of (2) 20' Wide & (1) 15' Wide x 7' tall manual double swing gates.
    a. Includes 4" x 11ga sq black posts with 18" dia. x 54" deep footings.
    b. Includes hinges and fork latch..... **$33,813.00**
4. Installation of (3) 4' wide Single swing panic gates.
    a. Includes reinstall of existing panic hardware & hinges..... **$25,493.00**

Total for the above:.....$361,492.00

Add Alternate #1: Install of +/- 22lf of 7' Ameristar Montage II – Genesis Style Iron Fence. Install of (2) 3' wide manual swing gates. This work is behind the building and at the slated fence..... **$16,763.00**

Add Alternate #2**: Value Engineering**: Replace Montage II Genesis Pannels from Ameristar with **V3 Extended Picket/Flat Bottom three rail Panels** would result in $33,750.00 deduct.....Total: **$327,742.00**

Exclusions/Clarifications:

No hand digging or hydro included. Mow strip demo is to accommodate new footings for the posts. Rebar cages are not included. If required additional cost will be provided. Knox box if required to be provided by others.

Qualifications:

- This bid document and all its terms and conditions shall be incorporated into any contract or subcontract between Subcontractor and G.C. or Owner in relation to the project on which this bid or proposal is issued. The terms of this bid document shall control and take precedence over any terms in any other writing, contract or subcontract entered between Crusader Fence Co. and G.C. and/or Owner for this project which conflict with or are different than the terms herein. This is a material term and acceptance of this Bid or Proposal expressly includes acceptance of this term.
- Proposal is based on two move-ins, addition move-ins shall be charged at $2,300 each.
- Site shall include unencumbered access to fence lines for an all-season truck and installation equipment (i.e. Bobcat) for material delivery and work performance. If hand-digging is required because of poor access, Crusader Fence requires a F.C.O. by G.C. or Owner and will result in additional cost.
- Crusader Fence is not responsible for damage to landscape or objects within 6' of fence line or for any disturbance of existing environmental contaminants.
- Staking of fence line shall be laid out by G.C. or Owner prior to Crusader Fence mobilization. Staking shall include all end, corner, and gate locations complete with finished grade elevations. Clearing, grading, grubbing or staking of the fence line is not included in this proposal.
- Locating of non-USA member utilities is not included in bid. Private sub-surface locating services can be added with additional cost. The G.C., Owner, and their representatives shall indemnify and hold Crusader Fence harmless from any and all liabilities and/or damage resulting from unmarked non-USA member utilities. If any underground utility is within 3 feet of fence footings, hydro-vac and/or any other means to safely avoid utility strikes will require a F.C.O. by G.C. or Owner. Hand-digging to avoid underground utility strikes is excluded. Hydro-vac rate is cost plus 15%.
- Non-drillable post holes will require a signed F.C.O. by G.C. or Owner and will result in additional costs. All post holes will be drilled with a 9,000 lbs. (max. size) drilling machine using a 10 min. drill time (max. time) to determine if holes are non-drillable independent of soils report.
- All posts set in concrete slabs, walls, etc. are to be set prior to setting concrete; or they must be blocked out or sleeved by G.C. or Owner. Rebar cages are excluded.
- Any construction schedule shall be made in consultation with Crusader Fence and shall provide adequate time to perform all work during normal working hours based on an eight-hour day. Crusader Fence is not responsible for liquidated damages if insufficient time has been allocated by G.C. or Owner.
- Core drilling, saw cutting, concrete/asphalt patching, spoils haul-off, permits or fees, engineering calculations are not included in this proposal.
- Crusader Fence will provide construction cores only for all keyed lock and hardware sets. Fire Department devices (i.e. Knox) are not included.
- This bid proposal allows for a maximum of a 5% retention. This retention is due and payable 60 days after acceptance of Crusader Fence's completed work.
- Material pricing in this quotation assumes Owner/GC provided lay-down yard. If no lay-down yard is available, the cost for Crusader Fence to handle, deliver and store the project material is 2% of material cost/month.

- Bond rate - .65% on first $500K, .52% next $2M, .45% next $2.5M (No bond expense included in bid) Insurance - $2M G/L, $1M Worker's Compensation.
- Crusader Fence Co. requires a letter of intent within 14 days to honor bid submission.

Thank you for the opportunity to quote this project.

Very respectfully,

Industrial Estimator:
Tim Gutshall
916-809-2304
timothy@crusaderfence.com



CLD18WV/8T-ID	
Std. Pack Qty.	24
Order Code	CLD18WV/8T-ID

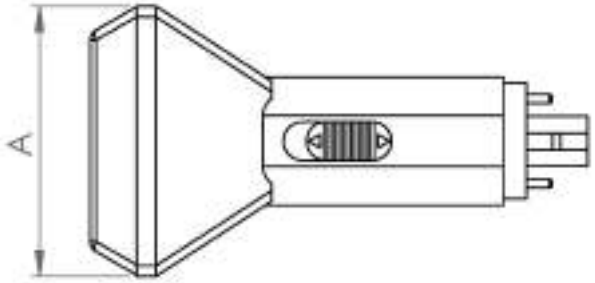
PRODUCT SPECIFICATION COMPACT LED RETROFIT BULB

GENERAL CHARACTERISTICS	
Lamp Type	Compact LED Retrofit Bulb
Voltage	**120-277V**
Base	G24q / G24d
Watts	**8.5W**
Rated Avg. Life (hrs)	50,000
Replacement	18W, 26W, 32W, 42W CFQ

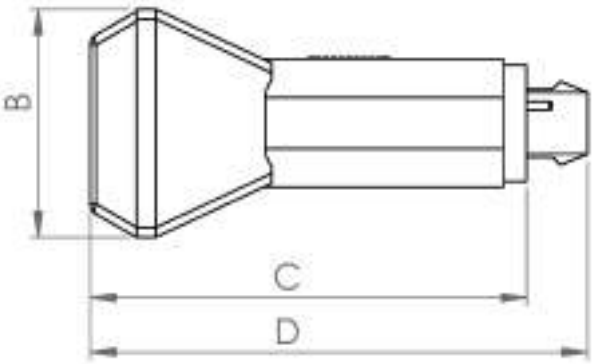
DIMENSIONS	
Overall Length (inches) (D)	**5.17**
Base Face to Top of Lamp (inches) (C)	**4.52**
Front (inches) (A)	**2.76**
Side (inches) (B)	**2.31**

Dimension Layout

Front



Side

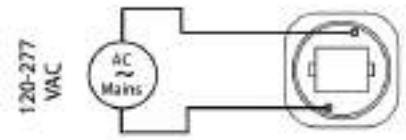


PHOTOMETRIC CHARACTERISTICS	
Initial Lumens	**960/1020/1050**
Beam Angle	**120**
Color Temperature	**3000K/3500K/4000K Selectable**
Color Rendering Index (CRI)	**83**

FEATURES

- UL and cUL Listed for Safety
- No UV, No Mercury
- Quick Installation
- High Lumen
- Extended Life
- High Quality Color Rendering
- Five Year Limited Warranty

Wiring Diagram



DLC Information

Model No.	DLC Product ID	DLC Product Model	DLC Version
CLD18WV/8T-ID	N/A	N/A	N/A

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www.espentech.com

Single End Flex Lamp

Commercial GradeLED T8 Lamp



LED TECHNOLOGY

Flex™

Internal Driver LED Lamp

Product Certification

* EMERGENCY BALLAST RESTRICTIONS

Features & Benefits

- Internal Driver
- Smooth, Consistent Light
- UL for Safety
- No UV, No Mercury
- Long life
- High CRI
- Instant on, no delay or warm up time
- Convenient and quick installation
- Utilizes non-shunted(rapid start) sockets
- Compatible 0-10V Dimming System
- Works in cold temperature applications
- Suitable for damp and dry locations
- -20° F to 130° F ambient operating temperture
- Glass tube for superior optical performance
- 5 Year Warranty
- Superior Wide View Angle

Specification

Order Code	Length	Lamp Wattage	Input Voltage	CCT	Initial Lumens	CRI	Beam Angle	LPW	Power Factor	THD
L24T8/830/9G-ID	24	9	120-277	3000	1100	83	325	115	0.9	<20%
L24T8/835/9G-ID	24	9	120-277	3500	1100	83	325	115	0.9	<20%
L24T8/840/9G-ID	24	9	120-277	4000	1100	83	325	115	0.9	<20%
L24T8/850/9G-ID	24	9	120-277	5000	1100	83	325	115	0.9	<20%

Order Information

EXAMPLE: L48T8/840/14G-ID-10V

L	48	T8	8	40	14 G	-	ID
Manufacturer's Code	**Normal Length** **48**=48"	**Lamp Shape** **T8**=T8	**CRI** **8**=>80	**CCT** **50**=5000K **40**=4000K **35**=3500K	**Wattage** **14G-14W**		**Internal Driver**

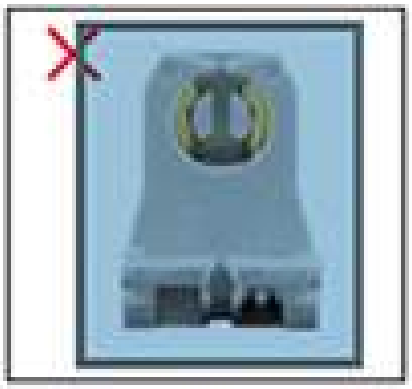
Wiring Diagram

Note: Will not operate on shunted sockets. Use only with non-shunted(rapid start) sockets.





Non-Shunted(rapid Start Socket)



Shunted(Instant Start Socket)

Dlc Information

Order Code	DLC Product ID	DLC Product Model	DLC Version
L24T8/830/9G-ID	P9SCGDDC	L24T8/830/9G-ID SS	5.0
L24T8/835/9G-ID	P5CMSNKK	L24T8/835/9G-ID SS	5
L24T8/840/9G-ID	P316J435	L24T8/840/9G-ID SS	5
L24T8/850/9G-ID	P6CPVHNB	L24T8/850/9G-ID SS	5

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Single End Flex Lamp

Commercial GradeLED T8 Lamp



LED TECHNOLOGY

UniFlex™

Product Certification

* EMERGENCY BALLAST RESTRICTIONS

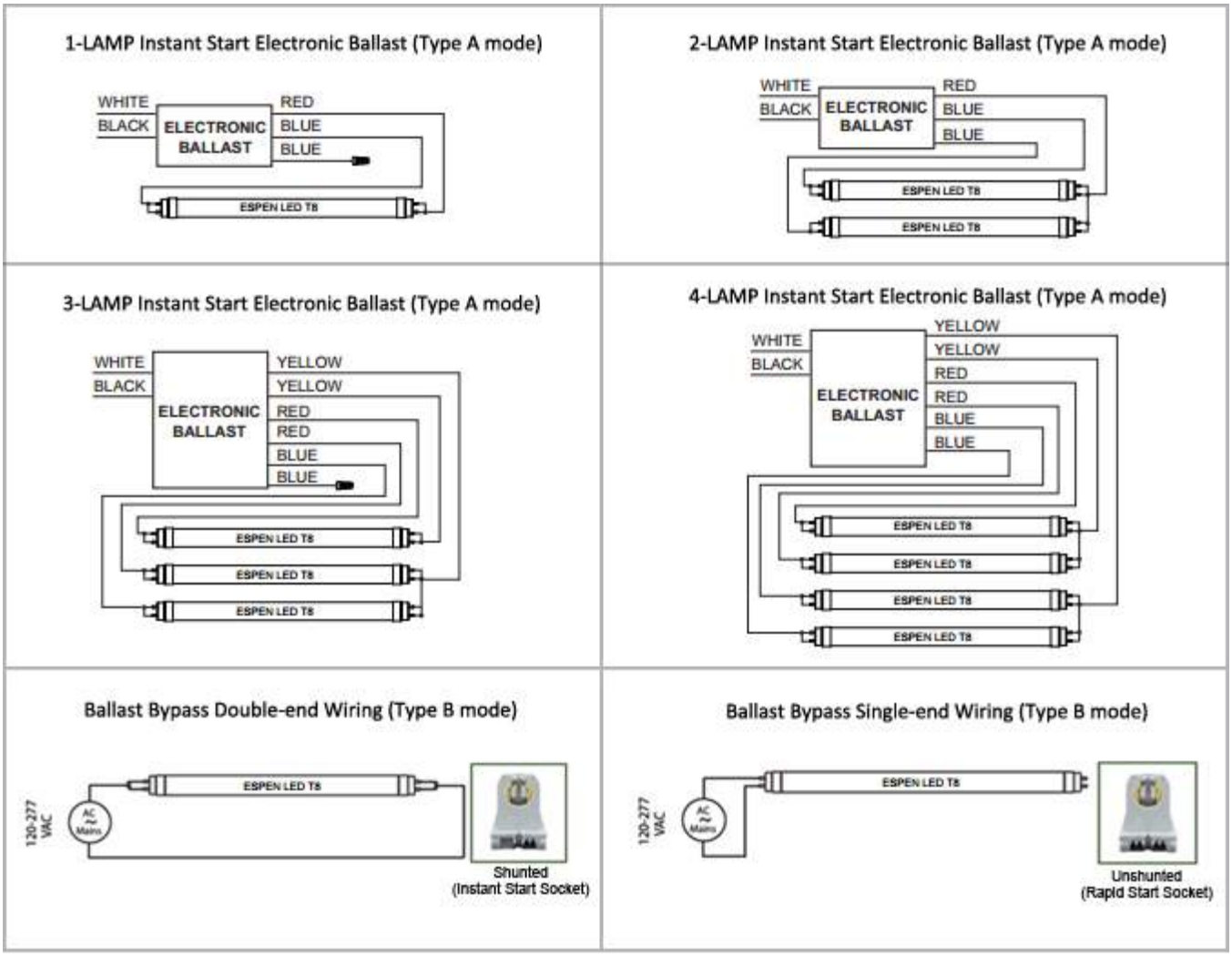
Features & Benefits

- Type A mode: Works on existing compatible Instant Start, Programmed Start, Dimming electronic ballast
- Type B mode: Internal Driver (Direct 120-277VAC input)
- Utilizes existing instant start or rapid start G13 sockets
- Glass tube for superior optical performance
- Long life
- High CRI
- Instant on, no delay or warm up time
- Convenient and quick installation
- Works in cold temperature applications
- Compatible with controls and sensors
- Glass tube for superior optical performance
- Continuous Dimming to 10%
- 5 Year Warranty

Specification

Order Code	Length	Input Voltage	Power Direct AC	Power w/ Ballast	CCT	Lumen	CRI	Beam Angle	Lamp Efficacy Direct AC	System Efficacy w/ Ballast	Life
L36T8/830/11G-AB	36	120-277V	11	14	3000K	1650	83	325	150	118	50000
L36T8/835/11G-AB	36	120-277V	11	14	3500K	1675	83	325	152	120	50000
L36T8/840/11G-AB	36	120-277V	11	14	4000K	1700	83	325	154	121	50000
L36T8/850/11G-AB	36	120-277V	11	14	5000K	1700	83	325	154	121	50000

Wiring Diagram



Dlc Information

Order Code	DLC Product ID	DLC Product Model	DLC Version
L36T8/830/11G-AB	PPU3DGUD	L36T8/830/11G-AB (-aa)	5.1
L36T8/835/11G-AB	PNYDW3I8	L36T8/835/11G-AB (-aa)	5.1
L36T8/840/11G-AB	POFZG3UZ	L36T8/840/11G-AB (-aa)	5.1
L36T8/850/11G-AB	PVFVXKAV	L36T8/850/11G-AB (-aa)	5.1

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www.espentech.com

Double End Type B Lamps

Commercial Grade LED Lamp



LED TECHNOLOGY

Flex™ Internal Driver LED Lamp

Features & Benefits

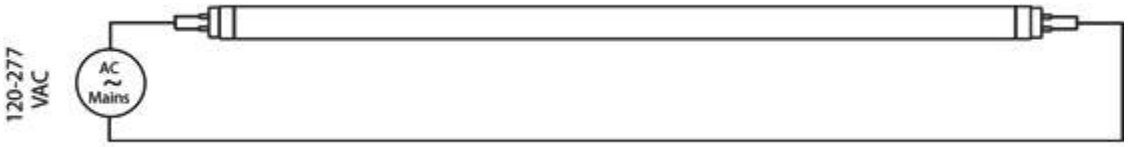
- Internal Driver
- Smooth, Consistent Light
- UL for Safety
- No UV, No Mercury
- Long life
- High CRI
- Instant on, no delay or warm up time
- Convenient and quick installation
- Utilizes G5 sockets
- Compatible with controls and sensors
- Works in cold temperature applications
- Suitable for damp and dry locations
- -20 F to 130 F ambient operating temperture
- Glass tube for superior optical performance
- Continuous Dimming to 10%
- 5 Year Warranty

Product Certification

Specification Data

Model No.	Length	Base Type	Lamp Wattage	Input Voltage	CCT	Initial Lumens	CRI	Beam Angle	LPW	Power Factor	THD	Life (h)
L48T5/830/25G-IDDE	48	G5	25	120-277	3000K	3500	82	240	140	0.9	<20%	50000
L48T5/835/25G-IDDE	48	G5	25	120-277	3500K	3500	82	240	140	0.9	<20%	50000
L48T5/840/25G-IDDE	48	G5	25	120-277	4000K	3500	82	240	140	0.9	<20%	50000
L48T5/850/25G-IDDE	48	G5	25	120-277	5000K	3500	82	240	140	0.9	<20%	50000

Wiring Diagram



Dlc Information

Model No.	DLC Product ID	DLC Product Model	DLC Version
L48T5/830/25G-ID DE	PLFYMWTKH1AW	L48T5/830/25G-ID DE	5.1
L48T5/835/25G-ID DE	PL0U4AY8U4JY	L48T5/835/25G-ID DE	5.1
L48T5/840/25G-ID DE	PLTDDLYDZ0G5	L48T5/840/25G-ID DE	5.1
L48T5/850/25G-ID DE	PLGA7FKIFXI2	L48T5/850/25G-ID DE	5.1

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Double End Type B Lamps

Commercial Grade LED Lamp



LED TECHNOLOGY

Flex™ Internal Driver LED Lamp

Features & Benefits

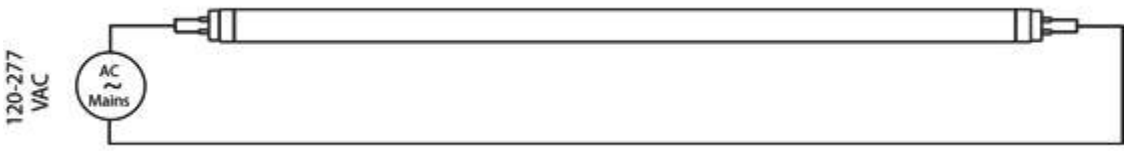
- Internal Driver
- Smooth, Consistent Light
- UL for Safety
- No UV, No Mercury
- Long life
- High CRI
- Instant on, no delay or warm up time
- Convenient and quick installation
- Utilizes G5 sockets
- Compatible with controls and sensors
- Works in cold temperature applications
- Suitable for damp and dry locations
- -20 F to 130 F ambient operating temperture
- Glass tube for superior optical performance
- Continuous Dimming to 10%
- 5 Year Warranty

Product Certification

Specification Data

Model No.	Length	Base Type	Lamp Wattage	Input Voltage	CCT	Initial Lumens	CRI	Beam Angle	LPW	Power Factor	THD	Life (h)
L48T5HE/830/12G-IDDE	48	G5	12	120-277	3000K	1800	82	240	150	0.9	<20%	50000
L48T5HE/835/12G-IDDE	48	G5	12	120-277	3500K	1800	82	240	150	0.9	<20%	50000
L48T5HE/840/12G-IDDE	48	G5	12	120-277	4000K	1800	82	240	150	0.9	<20%	50000
L48T5HE/850/12G-IDDE	48	G5	12	120-277	5000K	1800	82	240	150	0.9	<20%	50000

Wiring Diagram



Dlc Information

Model No.	DLC Product ID	DLC Product Model	DLC Version
L48T5HE/830/12G-ID DE	PLY4U7CRGPLG	L48T5HE/830/12G-ID DE(-aa)	5.1
L48T5HE/835/12G-ID DE	PLGVLV614HU1	L48T5HE/835/12G-ID DE(-aa)	5.1
L48T5HE/840/12G-ID DE	PLX8R6K4P7SA	L48T5HE/840/12G-ID DE(-aa)	5.1
L48T5HE/850/12G-ID DE	PLDA9F2O9DVP	L48T5HE/850/12G-ID DE(-aa)	5.1

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www.espentech.com

Double End Type B Lamps

Commercial Grade LED Lamp



Features & Benefits

- Internal Driver
- Smooth, Consistent Light
- UL for Safety
- No UV, No Mercury
- Long life
- High CRI
- Instant on, no delay or warm up time
- Convenient and quick installation
- Utilizes shunted or unshunted G13 sockets
- Compatible with controls and sensors
- Works in cold temperature applications
- Suitable for damp and dry locations
- -20 F to 130 F ambient operating temperture
- Glass tube for superior optical performance
- Continuous Dimming to 10%
- 5 Year Warranty

Product Certification

Specification Data

Model No.	Length	Base Type	Lamp Wattage	Input Voltage	CCT	Initial Lumens	CRI	Beam Angle	LPW	Power Factor	THD	Life (h)
L48T8/830/10G-IDDE (HE)	48	G13	9.5	120-277	3000K	1600	82	325	168	0.9	<20%	50000
L48T8/835/10G-IDDE (HE)	48	G13	9.5	120-277	3500K	1600	82	325	168	0.9	<20%	50000
L48T8/840/10G-IDDE (HE)	48	G13	9.5	120-277	4000K	1600	82	325	168	0.9	<20%	50000
L48T8/850/10G-IDDE (HE)	48	G13	9.5	120-277	5000K	1600	82	325	168	0.9	<20%	50000

Wiring Diagram



Dlc Information

Model No.	DLC Product ID	DLC Product Model	DLC Version
L48T8/830/10G-ID DE (HE)	P4DT2E48	L48T8/830/10G-ID DE	5.1
L48T8/835/10G-ID DE (HE)	PRG932AC	L48T8/835/10G-ID DE	5.1
L48T8/840/10G-ID DE (HE)	P7ZXETCG	L48T8/840/10G-ID DE	5.1
L48T8/850/10G-ID DE (HE)	PQMN70JX	L48T8/850/10G-ID DE	5.1

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Single End Flex Lamp

Commercial GradeLED T8 Lamp



LED TECHNOLOGY

UniFlex™

Product Certification

* EMERGENCY BALLAST RESTRICTIONS

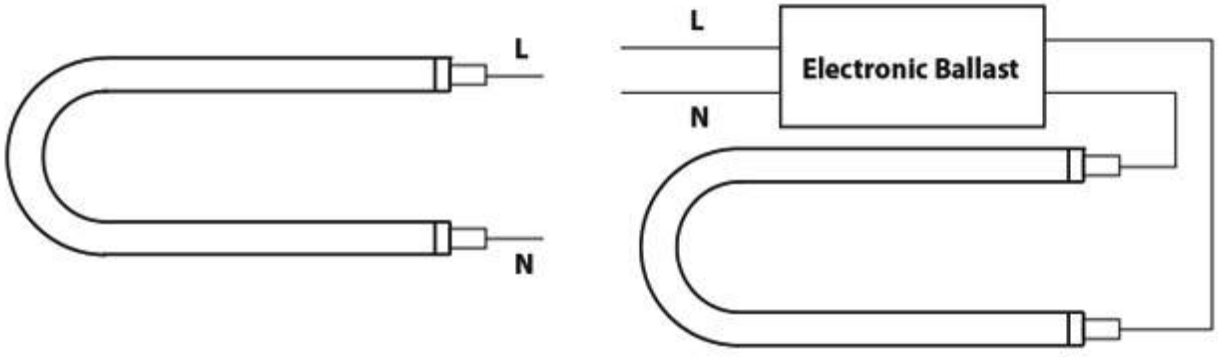
Features & Benefits

- Type A mode: Works on existing compatible Instant Start, Programmed Start, Dimming electronic ballast
- Type B mode: Internal Driver (Direct 120-277VAC input)
- Utilizes existing instant start or rapid start G13 sockets
- High performance plastic series
- Long life
- High CRI
- Instant on, no delay or warm up time
- Convenient and quick installation
- Works in cold temperature applications
- Compatible with controls and sensors
- Glass tube for superior optical performance
- Continuous Dimming to 10%
- 5 Year Warranty

Specification

Order Code	Length	Input Voltage	Power Direct AC	Power w/ Ballast	CCT	Lumen	CRI	Beam Angle	Lamp Efficacy Direct AC	System Efficacy w/ Ballast	Life
LB48T8U6/830/13P-AB	24	120-277V	13	16	3000K	1800	83	240	138	112	50000
LB48T8U6/835/13P-AB	24	120-277V	13	16	3500K	1800	83	240	138	112	50000
LB48T8U6/840/13P-AB	24	120-277V	13	16	4000K	1900	83	240	146	118	50000
LB48T8U6/850/13P-AB	24	120-277V	13	16	5000K	2000	83	240	153	125	50000

Wiring Diagram



Dlc Information

Order Code	DLC Product ID	DLC Product Model	DLC Version
LB48T8U6/830/13P-AB	PEF9RQ9F	LB48T8U6/830/13P-AB (-aa)	5.1
LB48T8U6/835/13P-AB	P2L49SR2	LB48T8U6/835/13P-AB (-aa)	5.1
LB48T8U6/840/13P-AB	PW1K9JDF	LB48T8U6/840/13P-AB (-aa)	5.1
LB48T8U6/850/13P-AB	PYF74YVR	LB48T8U6/850/13P-AB (-aa)	5.1

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Flex PLL with Internal Driver

Commercial Grade LED FT Lamp



LED TECHNOLOGY

Flex™

Internal Driver LED FT Lamp

Product Certification

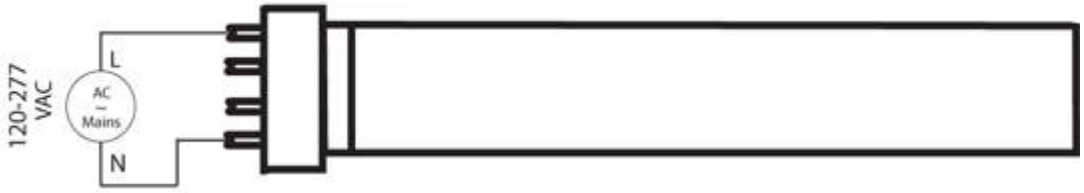
Features & Benefits

- Internal Driver
- Smooth, Consistent Light
- UL for Safety
- No UV, No Mercury
- Long life
- High CRI
- Instant on, no delay or warm up time
- Convenient and quick installation
- Utilizes non-shunted(rapid start) sockets
- Compatible with controls and sensors
- Works in cold temperature applications
- 5 Year Warranty

Specification Data

Model No.	Replace	Lamp Wattage	Input Voltage	CCT	Initial Lumens	CRI	Lamp Efficacy	Life (hours)
LT24W/830-ID	FT24W	10	120-277	3000	1100	83	110	50000
LT24W/835-ID	FT24W	10	120-277	3500	1100	83	110	50000
LT24W/840-ID	FT24W	10	120-277	4000	1100	83	110	50000
LT24W/850-ID	FT24W	10	120-277	5000	1100	83	110	50000

Wiring Diagram



Dimension

Model No.	Length (inches)	Width (inches)	Height (inches)
LT24W/830-ID	12.60	1.73	0.94
LT24W/835-ID	12.60	1.73	0.94
LT24W/840-ID	12.60	1.73	0.94
LT24W/850-ID	12.60	1.73	0.94

Dlc Information

Model No.	DLC Product ID	DLC Product Model	DLC Version
LT24W/830-ID			
LT24W/835-ID			
LT24W/840-ID			
LT24W/850-ID			

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Flex PLL with Internal Driver

Commercial Grade LED FT Lamp



LED TECHNOLOGY

Flex™

Internal Driver LED FT Lamp

Product Certification

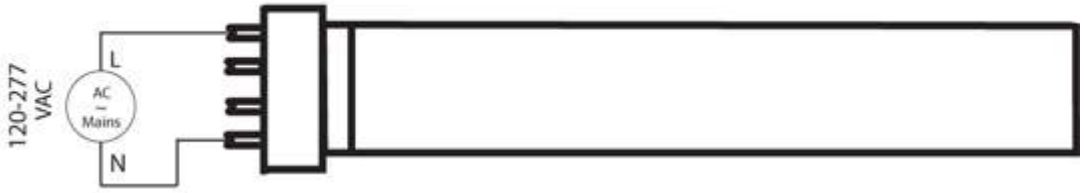
Features & Benefits

- Internal Driver
- Smooth, Consistent Light
- UL for Safety
- No UV, No Mercury
- Long life
- High CRI
- Instant on, no delay or warm up time
- Convenient and quick installation
- Utilizes non-shunted(rapid start) sockets
- Compatible with controls and sensors
- Works in cold temperature applications
- 5 Year Warranty

Specification Data

Model No.	Replace	Lamp Wattage	Input Voltage	CCT	Initial Lumens	CRI	Lamp Efficacy	Life (hours)
LT40W/830-ID	FT40W	18	120-277	3000	2160	83	120	50000
LT40W/835-ID	FT40W	18	120-277	3500	2160	83	120	50000
LT40W/840-ID	FT40W	18	120-277	4000	2160	83	120	50000
LT40W/850-ID	FT40W	18	120-277	5000	2160	83	120	50000

Wiring Diagram



Dimension

Model No.	Length (inches)	Width (inches)	Height (inches)
LT40W/830-ID	21.06	1.73	0.94
LT40W/835-ID	21.06	1.73	0.94
LT40W/840-ID	21.06	1.73	0.94
LT40W/850-ID	21.06	1.73	0.94

Dlc Information

Model No.	DLC Product ID	DLC Product Model	DLC Version
LT40W/830-ID	PLH2YZ77E7S7	LT40W/830-ID	5
LT40W/835-ID	PL9RO5F4B762	LT40W/835-ID	5
LT40W/840-ID	PLQDM97CJWAI	LT40W/840-ID	5
LT40W/850-ID	PLORYM7UD48A	LT40W/850-ID	5

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CRI80

Commercial Grade Recessed Downlight



Product Certification

Features & Benifits

- Commercial Downlight Retrofit or New Construction
- Universal Voltage 120-277V
- UL for Safety, Wet-Location Rateds
- Three Adjustable Lumen Output
- Three Adjustable CCT Options (3000K, 3500K, 4000K)
- Driver Efficiency Greater than 85% at full power
- THD ≤ 20% at full power
- High CRI
- Long Life
- Convenient and quick installation
- 0-10V Dimmable
- 25" Flexible Conduit
- Auto Recovery Short Circuit Protection, Over Load Protection, Over Voltage Protection
- Ambient Operating Temperature: -30 ~ 40°C
- Works in cold temperature applications
- Flicker-Free, Meets IEEE 1789-2015
- 5 Year Warranty

Specification Data

Model No.	Size	IC Rated	Watts	Lumens	CCT	Efficacy	Input Voltage	CRI	Power Factor	Beam Angle (°)	Dimension
VEKR6D/8T/13W-10V	6" Recess	Yes	6.5 / 9 / 13	790 / 1100 / 1560	3000K, 3500K, 4000K selectable	120	120-277	>80	0.9	100	Dia. 8.27" x Height 4.25"

Order Information

EXAMPLE: VEKR4D/8T/10W-10V

VEKR	4D	8T	10W	10V
Series Retrofit Kit Recessed Light	**Size** 4" Downlight	**CRI>80 T: three CCT adjustable**	**Wattage** 10W Max.	**0-10V dimming**

Image



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CRI80

Commercial Grade Recessed Downlight



Product Certification

Features & Benifits

- Commercial Downlight Retrofit or New Construction
- Universal Voltage 120-277V
- UL for Safety, Wet-Location Rateds
- Three Adjustable Lumen Output
- Three Adjustable CCT Options (3000K, 3500K, 4000K)
- Driver Efficiency Greater than 85% at full power
- THD ≤ 20% at full power
- High CRI
- Long Life
- Convenient and quick installation
- 0-10V Dimmable
- 25" Flexible Conduit
- Auto Recovery Short Circuit Protection, Over Load Protection, Over Voltage Protection
- Ambient Operating Temperature: -30 ~ 40°C
- Works in cold temperature applications
- Flicker-Free, Meets IEEE 1789-2015
- 5 Year Warranty

Specification Data

Model No.	Size	IC Rated	Watts	Lumens	CCT	Efficacy	Input Voltage	CRI	Power Factor	Beam Angle (°)	Dimension
VEKR8D/8T/17W-10V	8" Recess	Yes	8.5 / 12 / 17	1030 / 1450 / 2040	3000K, 3500K, 4000K selectable	120	120-277	>80	0.9	100	Dia. 10.24" x Height 4.57"

Order Information

EXAMPLE: VEKR4D/8T/10W-10V

VEKR	4D	8T	10W	10V
Series Retrofit Kit Recessed Light	**Size** 4" Downlight	**CRI>80 T: three CCT adjustable**	**Wattage** 10W Max.	**0-10V dimming**

Image



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Rev: 11-2022

Date:	Project:	Type:	Notes:	Catalog #:

LEJB SERIES
LED High Bay



The LEJB Series is the perfect lighting solution for a wide variety of applications. LED technology allows power and light levels to be customized to meet both energy and design needs.

Features & Specifications

Applications

Ideal for use in warehouses, distribution centers, retail, gymnasiums, commercial and industrial applications.

Construction

Housing made 24 gauge cold rolled steel and is finished with a post-production baked white powder coat. Frosted lens.

Mounting

V- Hook, chain and cable mount ready. Surface mount available. Cord and plug options offered.

Electrical

Utilizes high-efficiency LED power supply and circuit boards. 120-277V & 0-10V dimming standard. 480V option. 50/60HZ input frequency.

Operating Temperature

Suitable for -20°C – 50°C Ambient

Lumen Maintenance

L70 rating of 100,000 hours

Warranty

Five-year warranty. Terms and Conditions Apply. See warranty documentation for more information.

Certification

UL Damp Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) 5.1 Premium Listed[1]. RoHS Compliant.

Performance Data

Distribution	Rated Wattage	Tested Wattage	Delivered Lumens	Efficacy	CRI
Standard	70W	70W	11,200 LM	160 LPW	>80
Narrow	75W	75W	11,520 LM	160 LPW	>80
Standard	86W	86W	13,760 LM	160 LPW	>80
Standard	105W	105W	16,800 LM	160 LPW	>80
Narrow	105W	105W	16,800 LM	160 LPW	>80
Narrow	125W	125W	20,000 LM	160 LPW	>80
Standard	128W	128W	20,480 LM	160 LPW	>80
Narrow	145W	145W	23,200 LM	160 LPW	>80
Standard	150W	150W	24,000 LM	160 LPW	>80
Standard	175W	175W	28,000 LM	160 LPW	>80
Standard	210W	210W	33,600 LM	160 LPW	>80
Narrow	210W	210W	33,600 LM	160 LPW	>80
Standard	260W	260W	41,600 LM	160 LPW	>80

Specifications subject to change without notice. Contact factory for updates.
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Catalog Ordering

Sample Part # LEJB-22-150W-50K

LEJB								
1	2	3	4	5	6	6	6	6

1 - Series

LEJB

2 - Dimensions/Wattage

22 - 75W (1x2 Foot, 75 Watt)
22 - 105W (1.5x2 Foot, 105 Watt)
24 - 125W (1x4 Foot, 125 Watt)
24 - 145W (1x4 Foot, 145 Watt)
24 - 210W (1.5x4 Foot, 210 Watt)

22 - 70W (1x2 Foot, 70 Watt)
22 - 86W (1x2 Foot, 86 Watt)
22 - 105W (1x2 Foot, 105 Watt)
22 - 128W (1x2 Foot, 128 Watt)
22 - 150W (1.5x2 Foot, 150 Watt)
22 - 175W (1.5x2 Foot, 175 Watt)
24 - 210W (1x4 Foot, 210 Watt)
24 - 260W (1x4 Foot, 260 Watt)

3 - Color Temp (CCT)

40K (4000 Kelvin Temp)
50K (5000 Kelvin Temp)

4- Optics- Light Distribution

ND (Narrow Distribution-Aisle Light)[4]

BLANK (Standard Distribution)

5- Controls

OS (Occupancy Sensor)
OSD (Occupancy Sensor w/ Daylight)
PRGOS-LS (Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell)
PRGOS-LR (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control)

6 - Options

EM10W (Battery Backup, 10 Watts, ~1600 lumens)[2]
EM20W (Battery Backup, 20 Watts, ~3200 lumens)[2]
EM10WT20 (Title 20 Compliant Battery Backup, 10 Watts, ~1600 lumens)[2]
EM20WT20 (Title 20 Compliant Battery Backup, 20 Watts, ~3200 lumens)[2]
480SD (480 Step-Down)
PLG (6' SJT Cord & Plug)
C6 (6' Cord)
L7/15P (277VT Twist-lock Plug)
10GL (10' Loop w/ Gripple Hanging Kit)[3]
PP (PowerPlus)
TMB (Top Mount Box)
WG (Wireguard)
SM (Surface Mount Bracket)
BAA (Buy American Act Compliant)

Notes

1 Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/ to confirm which versions are qualified.
2 Lumens will change based on fixture selection. Consult with factory for additional options.
3 Mounting kit is manufactured by Gripple Inc.
4 Aisle light optics are only available in 75W, 105W, 125W, 150W & 210W configurations

Specifications subject to change without notice. Contact factory for updates.
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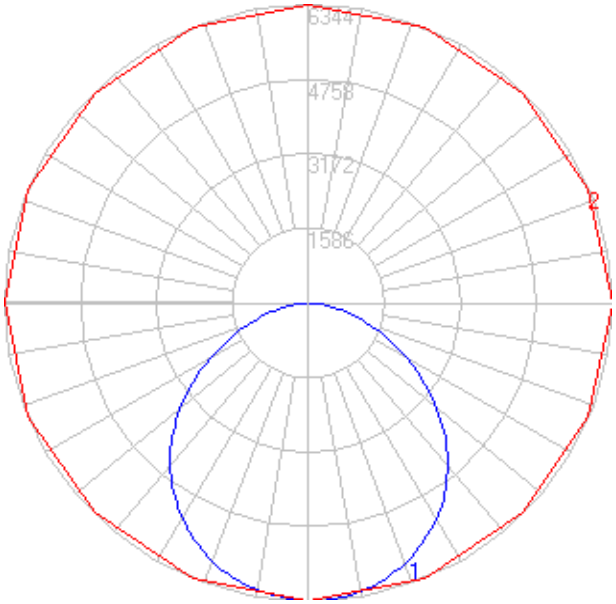
Photometric Data

LEJB-22-105WT-50K Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	635.37	3.69%
10-20	1,821.42	10.58%
20-30	2,750.09	15.97%
30-40	3,255.26	18.90%
40-50	3,222.96	18.72%
50-60	2,672.95	15.53%
60-70	1,805.31	10.49%
70-80	876.37	5.09%
80-90	175.53	1.02%

Polar Graph

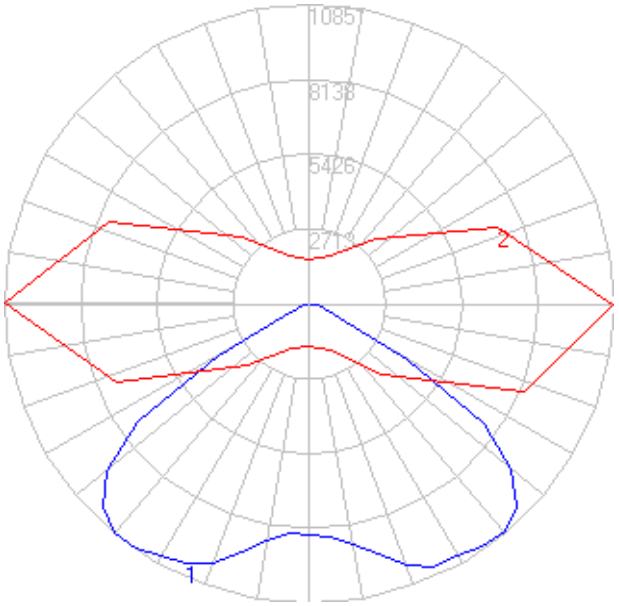


LEJB-22-105WT-50K-ND Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	787.03	4.88%
10-20	2,202.98	13.69%
20-30	3,106.49	19.30%
30-40	3,373.97	20.96%
40-50	3,142.56	19.52%
50-60	2,196.74	13.64%
60-70	901.59	5.60%
70-80	299.95	1.86%
80-90	83.98	0.52%

Polar Graph



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Physical Characteristics

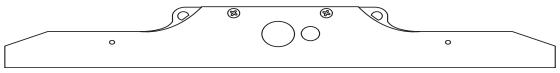
Dimensions- Standard Distribution

Version	Depth	Length	Width	Weight
70W, 86W, 105W & 128W	2.20″	24.8″	15.0″	11lbs
150W & 175W	2.20″	24.8″	18.9″	13lbs
210W & 260W	2.20″	48.2″	15.0″	19lbs

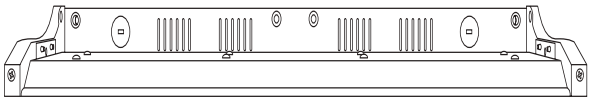
Dimensions- Narrow Distribution/ Aisle Light

Version	Depth	Length	Width	Weight
75W-ND	2.20″	24.8″	15.0″	11lbs
105W-ND	2.20″	24.8″	18.9″	15lbs
125W-ND & 175W-ND	2.20″	48.2″	15.0″	16.5lbs
210W-ND	2.20″	48.2″	18.9″	22lbs

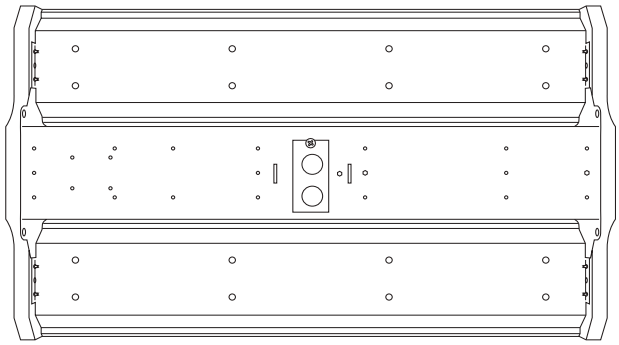
End View



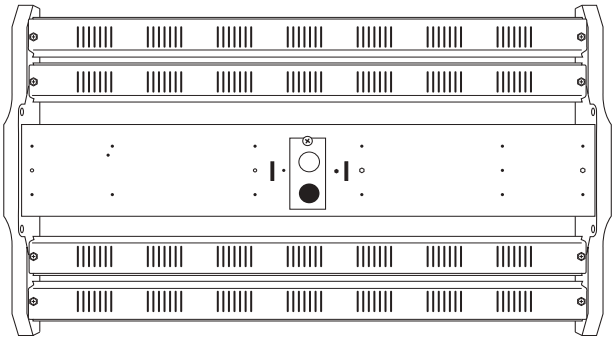
Side View



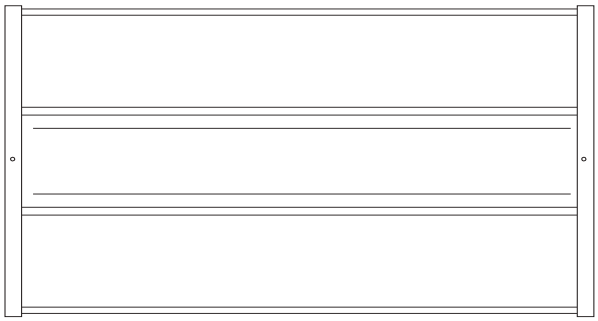
Top View- Standard



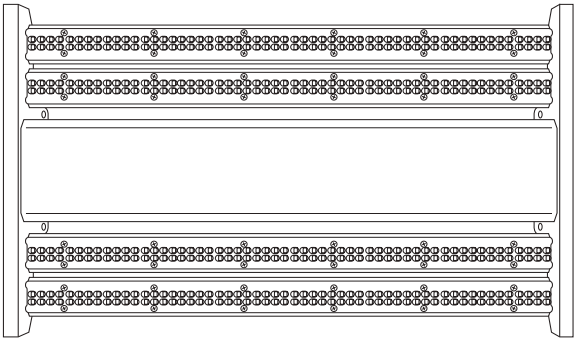
Top View- Narrow Distribution



Bottom View- Standard



Bottom View- Narrow Distribution



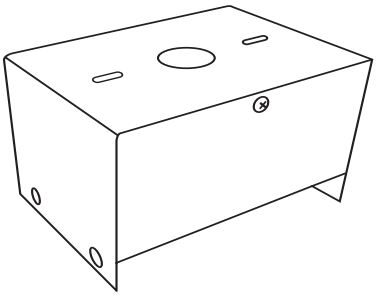
Versions

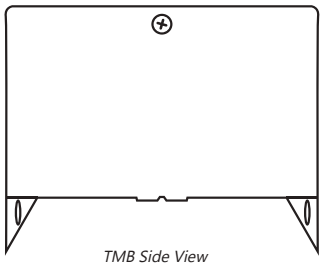
LEJB-24 (Narrow Distribution- Aisle Light)



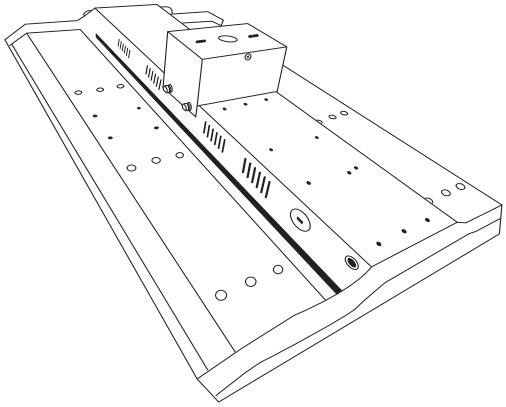
Mounting

TMB (Top Mount Box)

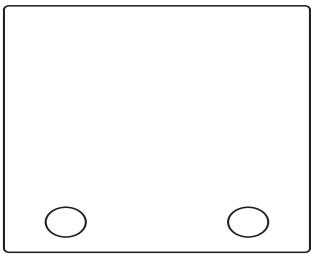




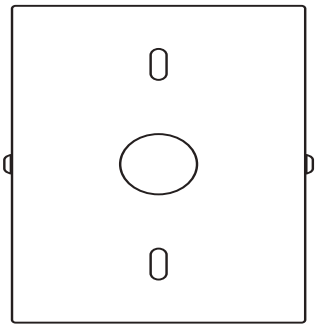
TMB Side View



TMB Installed



TMB End View



TMB Top View

Specifications subject to change without notice. Contact factory for updates.
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SINCE 1945 KEYSTONE LIGHT MADE EASY

XFIT | PREMIUM PACKAGE LED AREA LIGHTS

POWER SELECT | COLOR SELECT

KT-ALED140PS-M1-3-PMA-8CSB-VDIM-P

POLE-MOUNT LED AREA LIGHT PREMIUM PACKAGE

DESCRIPTION

High-Performance Pole-Mount LED Area Light Premium Package | Power Select | Color Select | 120–277V Input | Bronze Housing

APPLICATION

Pole-mount outdoor illumination needs (including parking lots, auto dealerships, pathways, roadways, recreational venues, and other general area lighting requirements)

RoHS Compliant | UL CERTIFIED | 5 YEAR WARRANTY | DLC LISTED



PRODUCT FEATURES

- Compact, low-profile design delivers high-performance illumination and improves application site aesthetics
- Heavy-duty, die-cast aluminum housing with ample heat sinking for enhanced thermal performance
- True U0 design for Dark Sky compliant performance eliminates undesirable sky glow
- Keystone Power Select technology (140/100/70W)
- Keystone Color Select technology (3000/4000/5000K)
- 3-pin twist-lock photocell included along with integrated NEMA/ANSI C136.41 7-pin-twist lock receptacle and shorting cap, covers control needs and variables
- Pre-installed, adjustable pole mount kit with Type III fixture optics, ideal for multi-headed pole applications
- Integral latch design for hassle-free, hinged access to driver compartment
- Bi-level occupancy sensor accessory available
- Reversible glare shield available, suitable for backside (house-side) or frontside (street-side) shielding
- Powered by Keystone 0–10V dimming LED driver featuring 12V AUX power tap, 6kV surge protection
- Ambient operating temperature: –40ºC/–40ºF to 50ºC/122ºF
- UL Certified for wet locations, IP65
- 0–10V dimming, 10% min
- Power factor: >0.95
- THD: <20%
- LED chip lifetime: L70 >100,000 hrs @ 25Cº/77Fº ambient fixture temp
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions

ELECTRICAL SPECIFICATIONS

Catalog Number	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimming	CRI	Dist Type	Rated Life	Legacy Equivalent	Housing Color*
KT-ALED140PS-M1-3-PMA-8CSB-VDIM-P	140W	3000K	18,200	130 lm/W	120–277V	0–10V	>80	III	50,000 hrs	175–400W MH	Bronze
		4000K	19,880	142 lm/W							
		5000K	19,600	140 lm/W							
	100W	3000K	13,200	132 lm/W							
		4000K	14,500	145 lm/W							
		5000K	14,200	142 lm/W							
	70W	3000K	9,380	134 lm/W							
		4000K	10,360	148 lm/W							
		5000K	10,150	145 lm/W							

** Fixtures (and mounts) with alternate housing colors are available and made to order. Extended lead times apply. See catalog number breakdown for full ordering code details.*

KEYSTONE SINCE 1945 LIGHT MADE EASY

XFIT | PREMIUM PACKAGE LED AREA LIGHTS

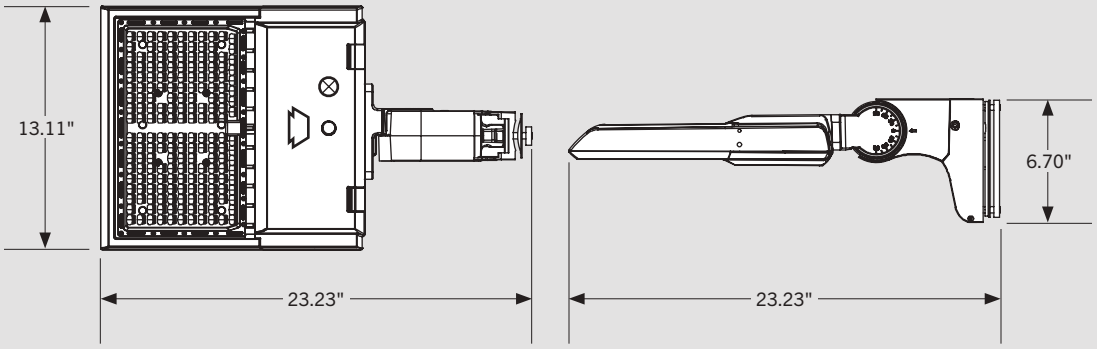
POWER SELECT | COLOR SELECT

KT-ALED140PS-M1-3-PMA-8CSB-VDIM-P

POLE-MOUNT LED AREA LIGHT PREMIUM PACKAGE

PHYSICAL SPECIFICATIONS

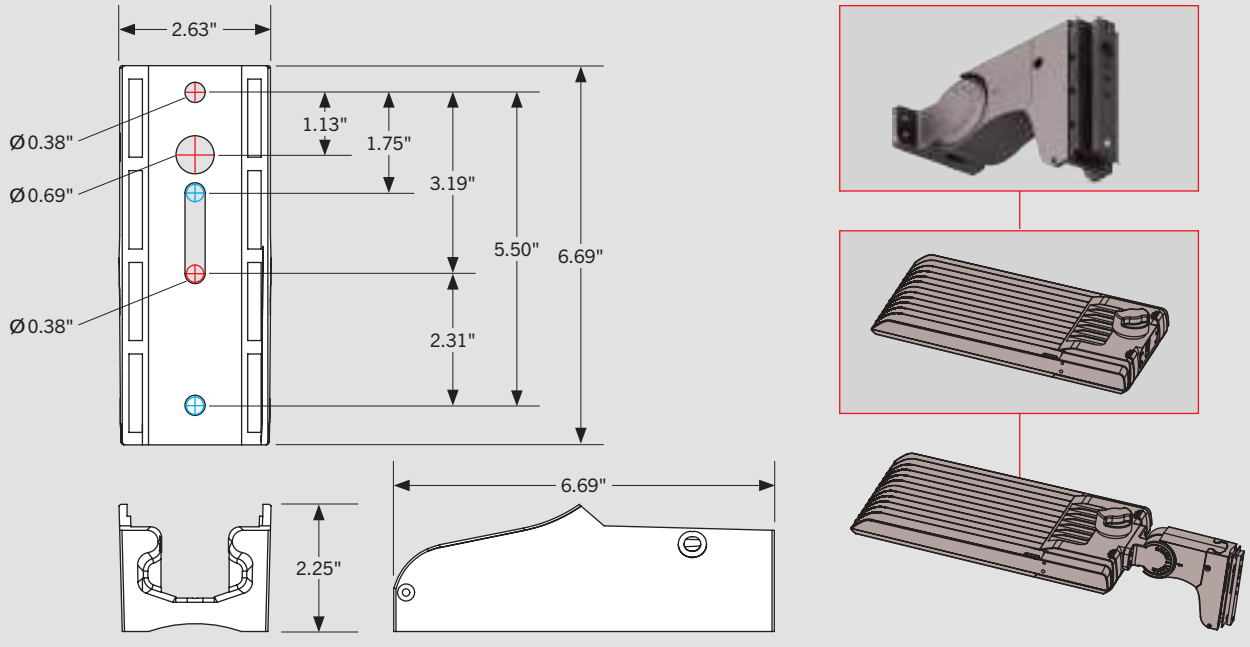
POLE-MOUNT LED AREA LIGHT FIXTURE



PACKAGING

Carton Quantity	1 piece
Carton Dimensions	27.95"L × 16.73"W × 6.69"H
Carton Weight	8.87 lbs

ADJUSTABLE POLE MOUNT KIT DRILLING HOLES



KEYSTONE SINCE 1945 LIGHT MADE EASY

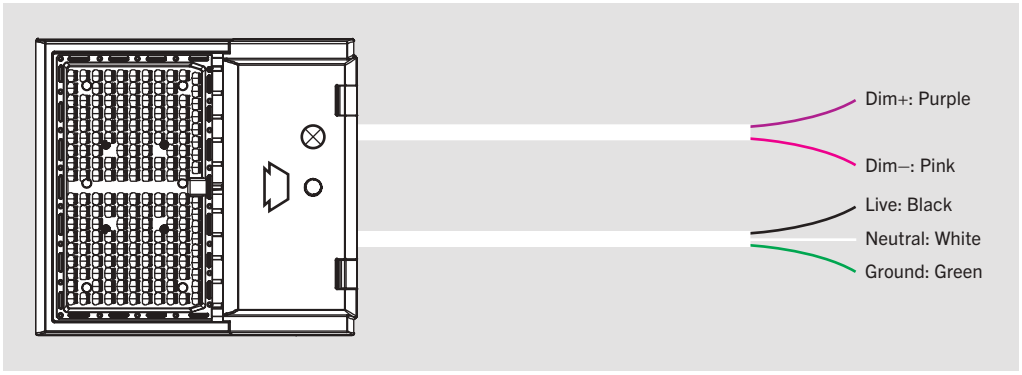
XFIT | PREMIUM PACKAGE LED AREA LIGHTS

POWER SELECT / COLOR SELECT

KT-ALED140PS-M1-3-PMA-8CSB-VDIM-P

POLE-MOUNT LED AREA LIGHT PREMIUM PACKAGE

WIRING DIAGRAM



- This fixture comes pre-wired with a 7-pin twist-lock receptacle with shorting cap.
  Make input connections as needed and ensure connections are protected from exposure to the elements.
- Input voltage rating: 120–277V
- Ensure that input voltage on site matches the fixture you intend to install.

POWER SELECT (WATTAGE) AND COLOR SELECT (CCT) ADJUSTMENT

This fixture is equipped with field-adjustable Keystone Power Select and Color Select technology.

1. Ensure power is off to the fixture.
2. Open the driver compartment located on the underside of the fixture.
2. Adjust switches to desired settings.



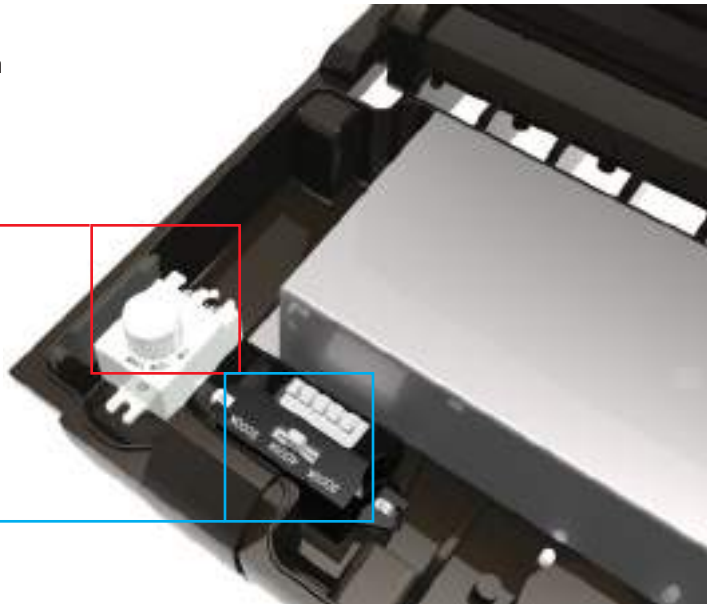
POWER SELECT

POWER SELECT ADJUSTMENT SWITCH
Set switch to adjust wattage between 140W, 100W, and 70W.



COLOR SELECT

COLOR SELECT ADJUSTMENT SWITCH
Set switch to adjust CCT between 3000K, 4000K, and 5000K.



KEYSTONE LIGHT MADE EASY SINCE 1945

XFIT | PREMIUM PACKAGE LED AREA LIGHTS

POWER SELECT / COLOR SELECT

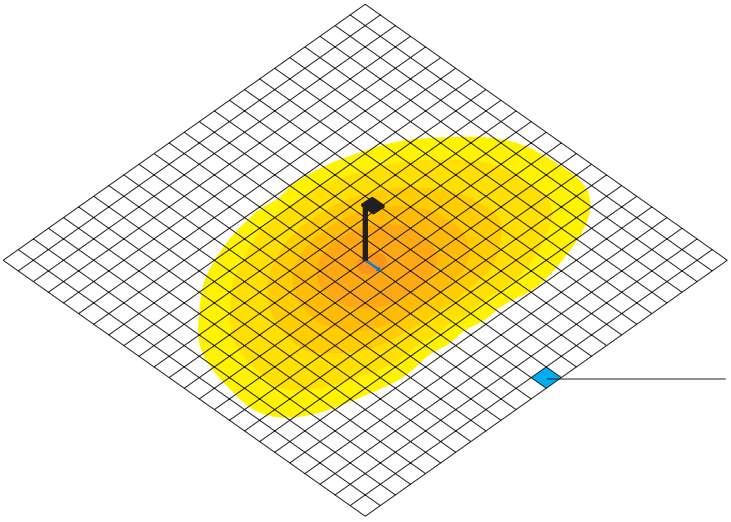
KT-ALED140PS-M1-3-PMA-8CSB-VDIM-P

POLE-MOUNT LED AREA LIGHT PREMIUM PACKAGE

LIGHT DISTRIBUTION PATTERN

TYPE 3 (III)

Pole-mount view from above; Area light mounted at 30'

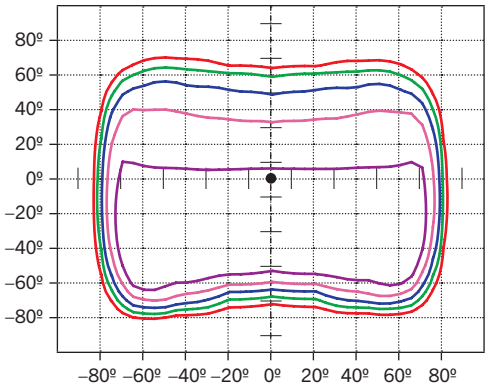


- Photometric layout for general reference only
- Grid dimension: 10 × 10 sq ft

0.1 fc
0.2 fc
0.5 fc
1.0 fc
2.0 fc
5.0 fc

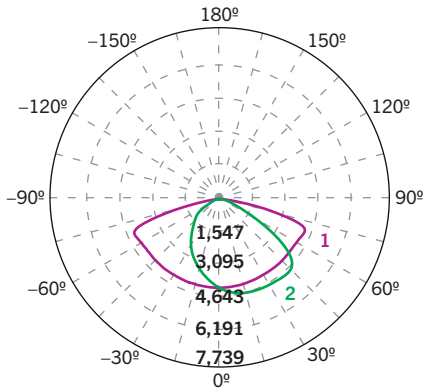
PHOTOMETRIC SPECIFICATIONS (TYPE 3 [III])

ISOCANDELA PLOT



Cd: 619 (10%)
Cd: 991 (16%)
Cd: 1,548 (25%)
Cd: 2,477 (40%)
Cd: 3,901 (63%)
Cd: 6,192 (100%)

LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): **124.0º**

1 Violet C0 – C180

2 Green C90 – C270

Unit: cd

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	10,439 lm	64.1%
0º–30º	1,884 lm	11.6%
30º–60º	5,335 lm	32.8%
60º–80º	3,016 lm	18.5%
80º–90º	204 lm	1.3%
Back Light	5,837 lm	35.9%
0º–30º	1,491 lm	9.2%
30º–60º	2,970 lm	18.3%
60º–80º	1,317 lm	8.1%
80º–90º	59 lm	0.4%
Up Light	0 lm	0.0%
90º–100º	0 lm	0.0%
100º–180º	0 lm	0.0%

BUG* Rating	
Asymmetrical Luminare Types	
Type I, II, III, IV	B3 U0 G3
Quadrilateral Symmetrical Luminare Types	
Type V, Area Light	B3 U0 G2

* ***B****acklight,* ***U****plight,* ***G****lare*

KEYSTONE SINCE 1945 LIGHT MADE EASY

XFIT | PREMIUM PACKAGE LED AREA LIGHTS

POWER SELECT | COLOR SELECT

KT-ALED140PS-M1-3-PMA-8CSB-VDIM-P

POLE-MOUNT LED AREA LIGHT PREMIUM PACKAGE

EPA SPECIFICATIONS

MEDIUM-SIZE FIXTURE HOUSING

- Conditions: Horizontal winds only for calculations. Worst case total projected area used for calculations.
- All drag coefficients are set as worst case 1.2.
- For details on exact EPA calculations and assumptions, please contact productsupport@keystonetech.com

EPA Calcs (1.2*ft^2 | View)		Single Fixture	2 Fixtures at 90º	2 Fixtures at 180º	3 Fixtures at 90º	3 Fixtures at 120º	4 Fixtures at 90º	2 Fixtures Side-by-Side	3 Fixtures Side-by-Side	4 Fixtures Side-by-Side
Mounting Application	**Fixture Position**									
Adjustable Pole Mount 	Horizontal	0.50 sq. ft.	0.78 sq. ft.	1.01 sq. ft.	1.19 sq. ft.	1.28 sq. ft.	1.19 sq. ft.	0.74 sq. ft.	1.11 sq. ft.	1.48 sq. ft.
Adjustable Pole Mount 	45º	1.27 sq. ft.	1.73 sq. ft.	1.27 sq. ft.	2.20 sq. ft.	3.10 sq. ft.	2.20 sq. ft.	2.53 sq. ft.	3.80 sq. ft.	5.07 sq. ft.

KEYSTONE SINCE 1945 LIGHT MADE EASY

XFIT | PREMIUM PACKAGE LED AREA LIGHTS

POWER SELECT COLOR SELECT

KT-ALED140PS-M1-3-PMA-8CSB-VDIM-P

POLE-MOUNT LED AREA LIGHT PREMIUM PACKAGE

ACCESSORIES (SOLD SEPARATELY)

GLARE SHIELD

Catalog Number	Description	UPC	Easy Code
KT-ALED-GS-M1-KIT	Reversible Glare Shield Kit; Medium (fits "M1" fixture bodies); Bronze Housing	843654131801	DHT-23



MICROWAVE OCCUPANCY SENSOR

Catalog Number	Description	UPC	Easy Code
KTS-MW3-12V-PKO	12V Microwave Occupancy Sensor	843654130637	TRM-32



REMOTE CONTROL

Catalog Number	Description	UPC	Easy Code
KTS-MW3-REMOTECONTROL	Remote Control for KTS-MW3-12V-XX Sensors, Sets/adjusts all sensor performance parameters	843654132020	XSR-61



SINCE 1945 KEYSTONE LIGHT MADE EASY

XFIT | PREMIUM PACKAGE LED AREA LIGHTS

POWER SELECT

COLOR SELECT

KT-ALED140PS-M1-3-PMA-8CSB-VDIM-P

POLE-MOUNT LED AREA LIGHT PREMIUM PACKAGE

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	Easy Code
KT-ALED140PS-M1-3-PMA-8CSB-VDIM-P	1	843654138947	JJR-13

CATALOG NUMBER BREAKDOWN

KT-ALED140PS-M1-3-PMA-8CSB-VDIM-P

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

1 Keystone Technologies
2 Fixture Type
3 LED Technology
4 Max Wattage
5 Power Select
6 Size/Shape
7 Style/Design Designation
8 Distribution Type
9 Mounting
10 80 CRI
11 Color Select
12 Color Select Designation
13 Dimming
14 Stock Package
15 Housing Color

2 Fixture Type

A	Area Light

6 Size/Shape

M	Medium

7 Style/Design Designation

8 Distribution Type

3	Type 3 (III)

9 Mounting

PMA	Adjustable Pole Mounting

12 Color Select Designation

B	3000/4000/5000K

13 Dimming

VDIM	0–10V

15 Housing Color

(Blank)	Bronze

KT-FLED75-R1A-UNV-8CSB-VDIM

COMPACT 75W GENERAL-PURPOSE LED FLOODLIGHT

DESCRIPTION

Compact 75W General-Purpose LED Floodlight | 120–277V Input
3000–5000K | Bronze Housing | Universal Mount

APPLICATION

Building Mount or Ground Mount for outdoor illumination (landscapes, display signage, loading docks, building façades, pathways, parking areas, and other general site lighting requirements)



5 YEAR WARRANTY

PRODUCT FEATURES

- Uniform, wide flood design (NEMA 7h × 7w distribution pattern)
- Heavy-duty, die cast aluminum housing featuring built-in glare visor and tempered glass lens
- Powered by Keystone 0–10V dimming LED drivers
- Keystone Color Select Technology: Adjustable CCT (3000K, 4000K, or 5000K)
- Built-in dusk-to-dawn photocell behind translucent 3/4" threaded plug with anti-yellowing agent
- Heavy-duty slip fitter mount and trunnion mount options included
- Ambient operating temperature: –40ºC/–40ºF to 45ºC/113ºF
- UL listed for wet locations, IP65
- 0–10V dimming, 10% min
- Power Factor: >0.95
- THD: <20%
- LED chip lifetime: L70 >100,000 hrs @ 25ºC/77ºF ambient fixture temp
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions
- 18" input cable, pre-stripped
- Fixture impact rating IK07

ELECTRICAL SPECIFICATIONS

Catalog Number	Wattage	Lumens	Dimming	CCT*	Efficacy	CRI	Housing Color	Mounting	Input Voltage	Rated Life	Legacy Equivalent
KT-FLED75-R1A-UNV-8CSB-VDIM	75W	9150 lm	0–10V	3000K	122 lm/W	>80	Bronze	Universal: 2 3/8" Slip fitter or trunnion	120–277V	50,000 hrs	250–320W MH
		10725 lm		4000K	143 lm/W						
		10050 lm		5000K	134 lm/W						

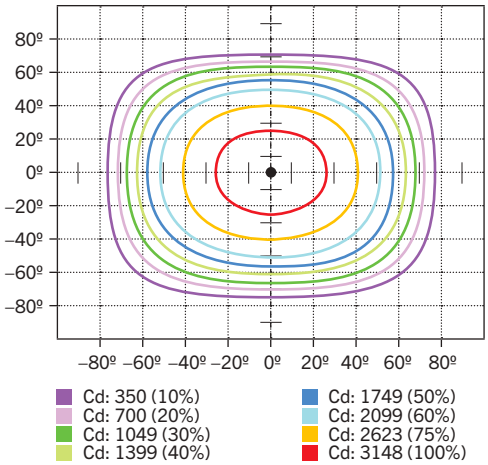
** Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017*

KT-FLED75-R1A-UNV-8CSB-VDIM

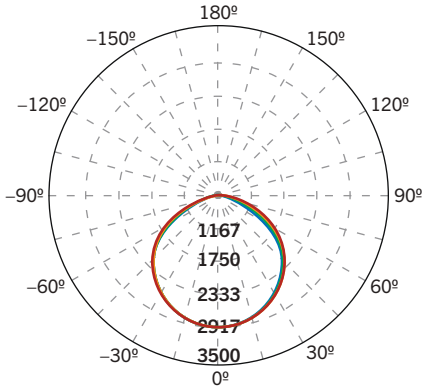
COMPACT 75W GENERAL-PURPOSE LED FLOODLIGHT

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): **114.2º**

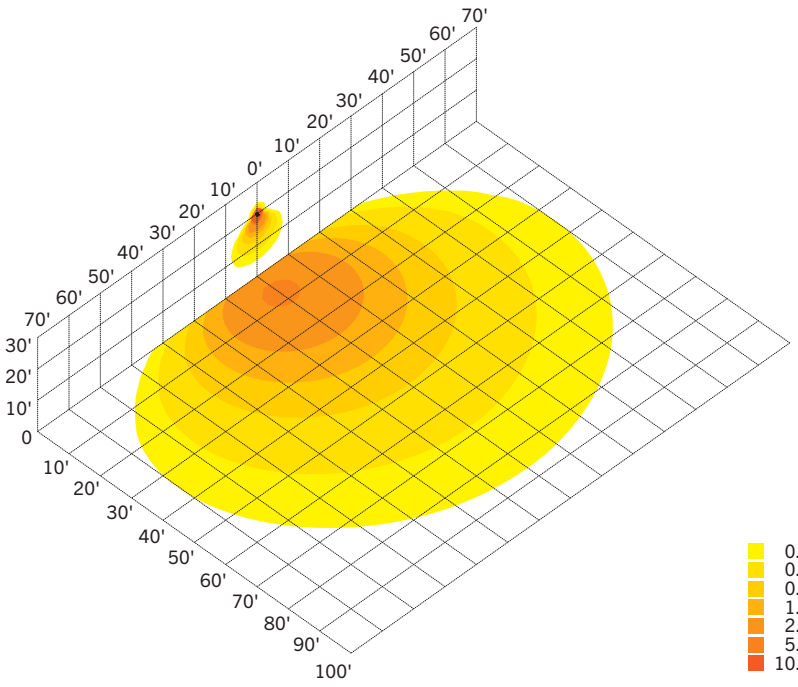
1 Blue – 0º H
2 Red – 90º H
3 Green – 22.5º H
4 Orange – 45º H
5 Grey – 67.5º H

FLUX DISTRIBUTION

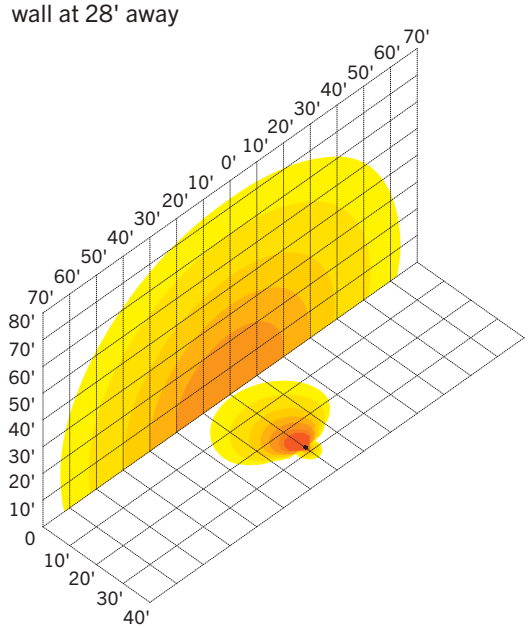
Zone	Lumens	% Luminaire
Forward Light	4,702 lm	49.6%
0º–30º	1,377 lm	14.4%
30º–60º	2,659 lm	27.8%
60º–80º	696 lm	7.3%
80º–90º	10 lm	0.1%
Back Light	4,814 lm	50.4%
0º–30º	1,366 lm	14.3%
30º–60º	2,644 lm	27.7%
60º–80º	788 lm	8.2%
80º–90º	16 lm	0.2%
Up Light	0 lm	0.0%
90º–100º	0 lm	0.0%
100º–180º	0 lm	0.0%

LIGHT DISTRIBUTION PATTERNS (Isometric view from above)

Building exterior mounted at
20', 30º below horizontal



Ground mounted at 6" above ground,
10º above horizontal, shining towards building exterior wall at 28' away

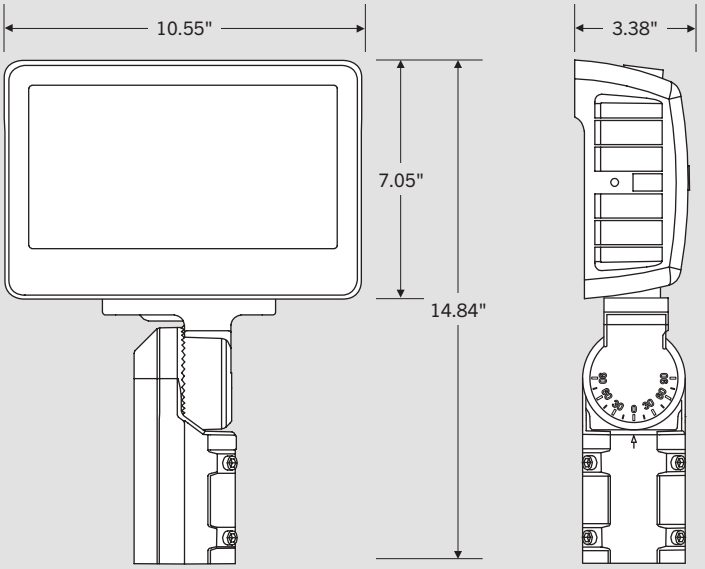


KT-FLED75-R1A-UNV-8CSB-VDIM

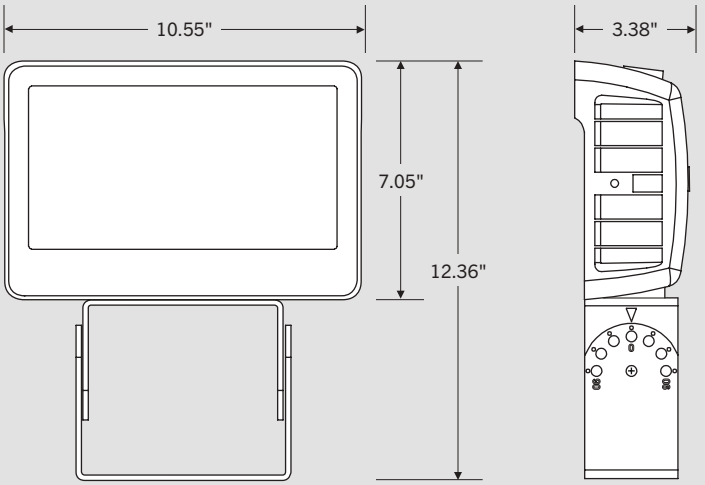
COMPACT 75W GENERAL-PURPOSE LED FLOODLIGHT

PHYSICAL SPECIFICATIONS

SLIP FITTER MOUNT



TRUNNION MOUNT



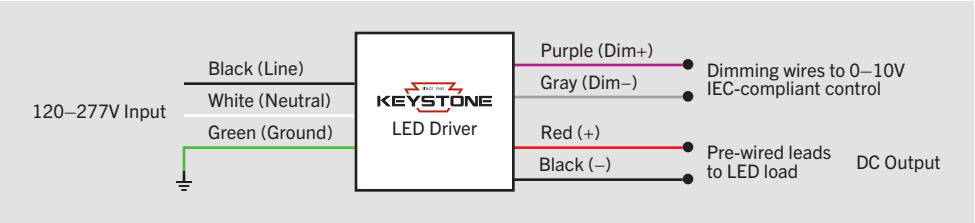
	EPA
Mounted Vertical	0.62 sq/ft
Mounted Horizontal	0.30 sq/ft
Mounted 45º	0.65 sq/ft

KT-FLED75-R1A-UNV-8CSB-VDIM

COMPACT 75W GENERAL-PURPOSE LED FLOODLIGHT

GENERAL SETUP INSTRUCTIONS

GENERAL WIRING DIAGRAM



Caution: Before installing, make certain that AC power to the fixture is off.

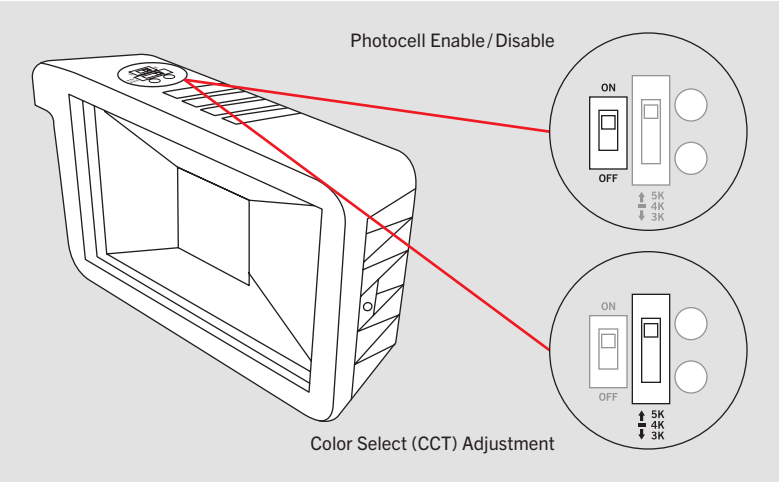
Caution: The electrical rating of this product is 120–277V. Installer must confirm that there is 120–277V at the fixture before installation.

PHOTOCELL ENABLE / DISABLE

This fixture is equipped with a dusk-to-dawn photocell behind the translucent knock-out (KO) cover. Adjust the dip switch to enable (ON) or disable (OFF) the photocell function (see illustrations to the right). Fixture comes pre-set with photocell enabled unless otherwise noted.

COLOR SELECT (CCT) ADJUSTMENT

This fixture is equipped with Color Select technology. There is an adjustable dip switch behind the translucent knock-out (KO) cover to change CCT between 5000K, 4000K, and 3000K (see illustrations to the right). Fixture comes preset at 5000K unless otherwise noted.



ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	UPC	EASY CODE
KT-FLED75-R1A-UNV-8CSB-VDIM	1	843654130293	WDN-12

KT-FLED75-R1A-UNV-8CSB-VDIM-W

COMPACT 75W GENERAL-PURPOSE LED FLOODLIGHT

CATALOG NUMBER BREAKDOWN

KT-FLED75-R1A-UNV-8CSB-VDIM

1 2 3 4 5 6 7 8 9 10 11 12 13

1 Keystone Technologies
2 Fixture Type
3 LED Lamp
4 Max Wattage
5 Shape
6 Series Designation
7 Distribution
8 Mounting
9 CRI
10 Color
11 Color Select Designation
12 Dimming
13 Housing Color

2 Fixture Type

F	Flood

5 Shape

R	Rectangular

6 Series Designation

1	General Purpose Floodlight

7 Distribution

A	Wide (7 × 7)

8 Mounting

UNV	Universal

9 CRI

8	>80

10 Color

CS	Color Select

11 Color Select Designation

B	3000K, 4000K, 5000K

12 Dimming

VDIM	0–10V

13 Housing Color

	Bronze
B	Black
W	White

SINCE 1945 KEYSTONE LIGHT MADE EASY®

DIRECTDRIVE LED LINE VOLTAGE TUBES

KT-LED62P-H-8XX-D

2-PIN LED LAMP

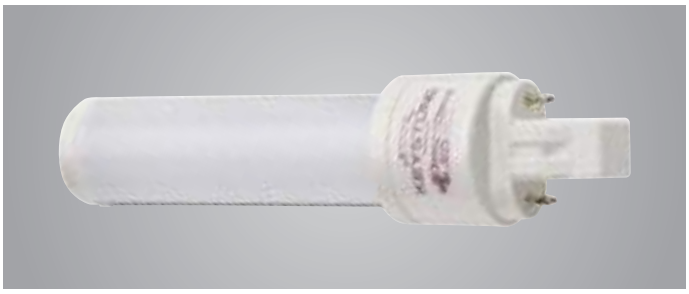
DESCRIPTION

6W 2-Pin LED Lamp | 2700–5000K | ≥83 CRI
Line Voltage Compatible

RoHS Compliant

5 YEAR WARRANTY

LAMP TYPE: Compact
BULB TYPE: 2-Pin LED
BASE TYPE: Gx23
WATTAGE: 6W
COLOR TEMPERATURE: 2700–5000K
COLOR RENDERING INDEX (CRI): ≥83
WARRANTY: 5 Years



PRODUCT FEATURES

- Replaces 13W Gx23 CFL Lamps
- 50,000+ Hour Lifetime
- Approximately 50% More Energy Efficient than Traditional CFL Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- UL Classified
- Operating Temperature: -20ºC/-4ºF to 45ºC/113ºF
- Up to 5x Longer Life than Traditional CFL Lamps
- Non-Dimmable
- Rotatable 270º
- Compliant with FCC Part 15 Class B
- Suitable for use in fully enclosed fixture. Minimum lamp compartment dimensions: 22cm x 10cm

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Lamp Wattage	Power Factor
120-277V	6W	>0.9

PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	2700K	3000K	3500K	4000K	5000K
Luminous Flux	500 lm	500 lm	500 lm	550 lm	550 lm
Color Rendering Index (CRI)	≥83	≥83	≥83	≥83	≥83
Bare Lamp Efficacy	83 lm/W	83 lm/W	83 lm/W	92 lm/W	92 lm/W
Beam Angle	>120º	>120º	>120º	>120º	>120º
LED Quantity	21	21	21	21	21

RATED LIFE

L70 (Hours)	50,000

SINCE 1945 KEYSTONE LIGHT MADE EASY®

DIRECTDRIVE LED LINE VOLTAGE TUBES

KT-LED62P-H-8XX-D

2-PIN LED LAMP

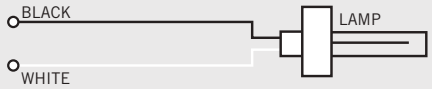
WIRING

BYPASS MAGNETIC BALLAST WITH 1 LAMP (Gx23 SOCKET)

BEFORE



AFTER

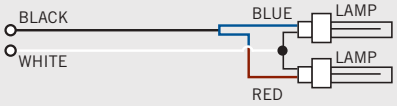


BYPASS MAGNETIC BALLAST WITH 2 LAMPS (Gx23 SOCKET)

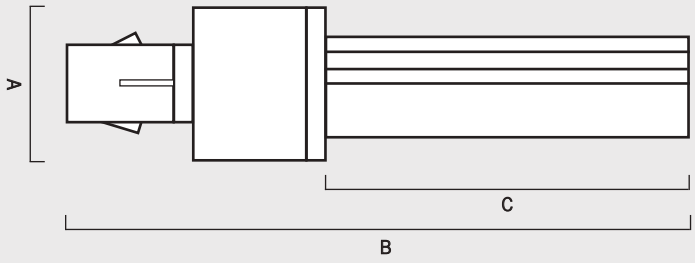
BEFORE



AFTER



PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Width)	1.38"
B (Length)	5.80"
C (Illuminated Length)	3.37"

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	ITEM STATUS
KT-LED62P-H-827-D-DP	10	89094901007	TBD
KT-LED62P-H-830-D-DP	10	89094901008	DIV-54
KT-LED62P-H-835-D-DP	10	89094901009	ANF-68
KT-LED62P-H-840-D-DP	10	89094901010	YFT-91
KT-LED62P-H-850-D-DP	10	89094901011	GKD-06

CATALOG NUMBER BREAKDOWN

KT-LED62P-H-8XX-D

1 2 3 4 5 6 7 8

1 **Keystone Technologies**
2 **LED Lamp**
3 **Wattage**
4 **Lamp Type**
5 **Orientation**
6 **800 Series**
7 **Color Temperature**
8 **Combo Drive Series**

KT-VTLED90PS-8A-8CSA-VDIM

LED VAPORTIGHT FIXTURE

DESCRIPTION

8' LED Vaportight Fixture | 120–277V Input | Frosted Lens | 0–10V Dimming

APPLICATION

Used for commercial and industrial rugged or outdoor applications



PRODUCT FEATURES

- Features Keystone Color Select technology. Adjust CCT between 3500K, 4000K, or 5000K
- Features Keystone Power Select technology. Adjust power between 90W, 75W, and 54W
- Powered by Keystone 0–10V dimming LED drivers
- Traditional design, narrow body, Vapor Tight fixture, suitable for rugged, demanding applications
- NEMA 4X rated, protected against corrosion
- Compatible with Keystone SmartSafe emergency LED drivers
- Compatible with Keystone occupancy sensors
- Ambient operating temperature: –20ºC/–4ºF to 50ºC/122ºF
- IP66, suitable for wet location
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone)
- THD: < 20%
- Power factor > 0.95

POWER AND COLOR TEMPERATURE SELECTABILITY

- Keystone Color Select Technology: Adjustable CCT (3500K/4000K/5000K)
- Keystone Power Select Technology: Adjustable Wattage (90W/75W/54W)

PRODUCT SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	Color Temperature	Lumens	Efficacy	Rated Life	CRI	Power Factor
KT-VTLED90PS-8A-8CSA-VDIM*	120-277V	90W	3500K	11,790	131 lm/W	50,000 hrs	>80	>0.9
			4000K	11,880	132 lm/W			
			5000K	11,970	133 lm/W			
		75W	3500K	10,125	135 lm/W			
			4000K	10,200	136 lm/W			
			5000K	10,275	137 lm/W			
		54W	3500K	7,560	140 lm/W			
			4000K	7,614	141 lm/W			
			5000K	7,668	142 lm/W			

ONE CATALOG NUMBER WITH 9 DIFFERENT OPTIONS

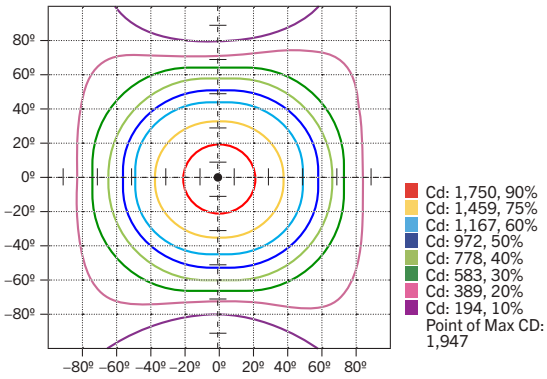
* Preset to highest lumen output (90W / 5000K)
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

KT-VTLED90PS-8A-8CSA-VDIM

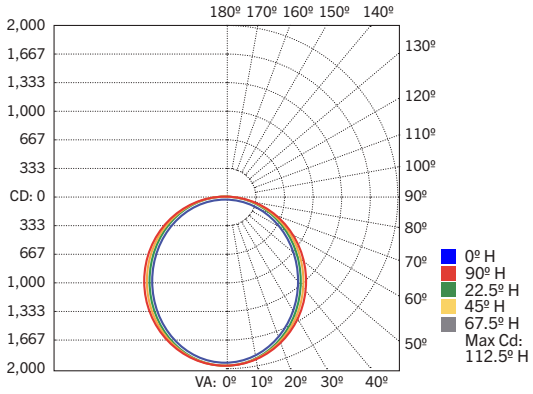
LED VAPORTIGHT FIXTURE

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



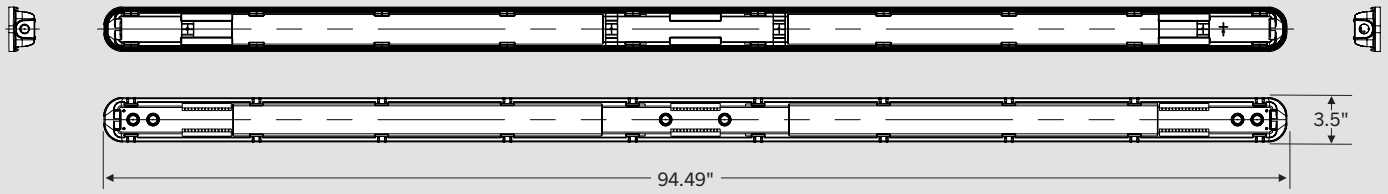
POLAR CANDELA DISTRIBUTION



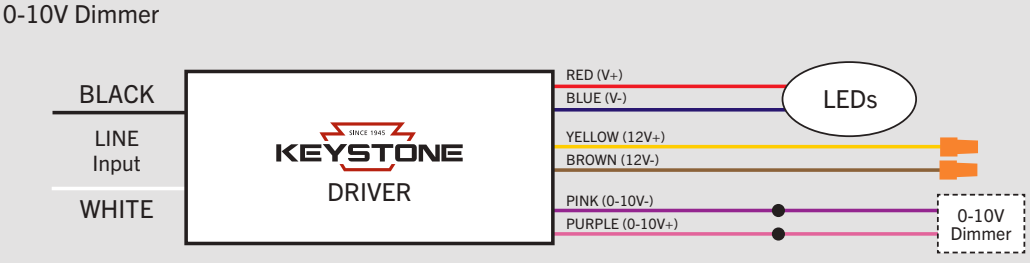
ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	1,471.7	24.9%
0-40	2,389.2	40.4%
0-60	4,185.5	70.8%
60-90	1,430.6	24.2%
70-100	889.3	15.0%
90-120	258.3	4.4%
0-90	5,616.0	95.0%
90-180	293.3	5.0%
0-180	5,909.3	100%

PHYSICAL SPECIFICATIONS



WIRING DIAGRAMS



KT-VTLED90PS-8A-8CSA-VDIM
LED VAPORTIGHT FIXTURE

ACCESSORIES

SENSORS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/MW3	KTS-MW3-UV-KO-K2	Microwave Sensor Kit, Includes 120-277V input to 12V DC convertor, IP65 12V input sensor head, nomex sleeve, extension neck	843654134352	TBV-76



Microwave Sensor Kit
KTS-MW3-UV-KO-K2

** FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).*

CORD SETS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/515P6	KT-CS-515P-6-18/3	Cord set for high bay; 125V NEMA 5-15P; straight blade plug; 6' SJTOW cable; 18/3 wire	843654140124	UKH-26
	/L715P10	KT-CS-L715P-10-16/3	Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140131	SFV-88
	/L615P10	KT-CS-L615P-10-16/3	Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140148	ZQS-05
	/L515P10	KT-CS-L515P-10-16/3	Cord set for high bays; 250V NEMA L5-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140155	GVH-22
	/L715P6	KT-CS-L715P-6-16/3	Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140162	DVU-44
	/L615P6	KT-CS-L615P-6-16/3	Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140179	LCW-66
	/L515P6	KT-CS-L515P-6-16/3	Cord set for high bays; 250V NEMA L5-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140186	POC-82
	/NP10	KT-CS-NP-10-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 10' SJTOW cable; 16/3 wire	843654140193	YOH-90
	/NP6	KT-CS-NP-6-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 6' SJTOW cable; 16/3 wire	843654140216	HUB-73
	/NP15	KT-CS-NP-15-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 15' SJTOW cable; 16/3 wire	843654140209	EYD-18





Cord Sets

** FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).*
***NOTE:** FOR CORD SETS NOT LISTED HERE, PLEASE CONTACT YOUR KEYSTONE SALES REP.*

(*Accessories continued on next* page)

KT-VTLED90PS-8A-8CSA-VDIM
LED VAPORTIGHT FIXTURE

ACCESSORIES (continued)

EMERGENCY BACKUP

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM5	KT-EMRG-LED-5C-500	5W, 500 lumen Smart Safe emergency backup	843654103099	JTR-48
	/EM12	KT-EMRG-LED-12C-1200	12W, 1200 lumen Smart Safe emergency backup	843654103112	OJQ-32



5W, 500 lumen Battery Backup
KT-EMRG-LED-5C-500



12W, 1200 lumen Battery Backup
KT-EMRG-LED-12C-1200



** FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).*
† FACTORY INSTALLATION OF EMERGENCY BACKUP UNITS WILL AUTOMATICALLY INCLUDE ANY RELEVANT MOUNTING BRACKET.

MOUNTS AND BRACKETS

Field-Installable / Field-Use ONLY (purchased separately)

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-VTLED-45SM-1-KIT	45° steel surface mount kit for all Keystone vapor tight fixtures	843654123455	JDN-49
KT-VTLED-TPSCREW-KIT	Screws for tamper-proofing vapor tight fixtures. Includes 14 screws	NA	NA



Screws
KT-VTLED-TPSCREW-KIT

(*Accessories continued on next* page)

KT-VTLED90PS-8A-8CSA-VDIM
LED VAPORTIGHT FIXTURE

ORDERING INFORMATION

Order Code	Pack Quantity	Easy Code	UPC
KT-VTLED90PS-8A-8CSA-VDIM	1	HGZ-72	843654134475

CATALOG NUMBER BREAKDOWN

KT-VTLED90PS-8A-8CSA-VDIM

1 2 3 4 5 6 7 8 9 10 11

1 Keystone Technologies
2 LED Vaportight Fixture
3 Wattage
4 Power Select
5 8' Nominal Length
6 Lamp Type
7 80 CRI
8 Color Temperature
9 Color Select Designation
10 0–10V Dimming
11 Additional Options

9 Color Select Designation

A	3500K, 4000K, 5000K

11 Additional Options

	No Option
/MW3	Microwave Occupancy Sensor Installed

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-VTLED90PS-8A-8CSA-VDIM/MW3/NP10/EM5/TPSCREW

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-VTLED90PS-8A-8CSA-VDIM/MW3/EM5/TPSCREW

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-VTLED90PS-8A-8CSA-VDIM/MW3/NP10

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-VTLED90PS-8A-8CSA-VDIM/MW3

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-VTLED90PS-8A-8CSA-VDIM

KEYSTONE FIXTURE

CATALOG NUMBER
KT-VTLED90PS-8a-8CSA-VDIM

SENSORS

✓	SUFFIX	CATALOG NUMBER
✓	/MW3	KTS-MW3-UV-KO-K2

CORD SETS

✓	SUFFIX	CATALOG NUMBER
✓	/NP10	KT-CS-NP-10-16/3

EMERGENCY BACKUP

✓	SUFFIX	CATALOG NUMBER
✓	/EM5	KT-EMRG-LED-5C-500

MOUNTS AND BRACKETS

✓	SUFFIX	CATALOG NUMBER
✓	/TPSCREW	KT-VTLED-TPSCREW-KIT

** WHEN ORDERING MORE THEN ONE FACTORY-INSTALLED ACCESSORY, USE MULTIPLE SUFFIXES AS SHOWN IN THE ORDERING EXAMPLES ABOVE.*
***NOTE:** ALL ACCESSORIES CAN ALSO BE ORDERED SEPARATELY FOR FIELD INSTALLATION USING JUST THEIR REGULAR CATALOG NUMBER, UPC, OR EASY CODE.*

SINCE 1945
KEYSTONE
LIGHT MADE EASY

XFIT | SMALL LOW PROFILE WALL PACK FIXTURES

KT-WPLED20-S1-8CSB-VDIM-B

SMALL 20W NON-CUTOFF LED WALL PACK

DESCRIPTION

Small 20W Non-Cutoff LED Wall Pack | 120–277V Input |
3000–5000K | Low Profile Black Housing | Impact Resistant Lens

APPLICATION

Building Mount for exterior illumination (entryways, pathways, stairwells, security, and other general site lighting requirements)



c UL us LISTED | DLC PREMIUM | 5 YEAR WARRANTY | COLOR SELECT

PRODUCT FEATURES

- Small non-cutoff design can be mounted virtually anywhere, offering uniform vertical and horizontal distribution pattern for general safety and security illumination needs
- Heavy-duty die-cast aluminum housing features modern aesthetics and includes (3) available 1/2" threaded conduit hubs, (1) on back and (1) on each side
- Powered by Keystone 0–10V dimming LED drivers
- Keystone Color Select Technology: Adjustable CCT (3000K, 4000K, or 5000K)
- Built-in dusk-to-dawn photocell behind translucent 1/2” threaded plug with anti-yellowing agent
- ADA Compliant with low-profile housing less than 4” deep
- Impact-resistant and highly diffused polycarbonate lens with anti-yellowing agent offers reduced glare for low mounting height applications
- Ambient operating temperature: –40ºC/–40ºF to 50ºC/122ºF
- UL listed for wet locations, IP65
- 0–10V dimming, 10% min
- Power Factor: >0.95
- THD: <20%
- LED chip lifetime: L70 >100,000 hrs @ 25Cº/77Fº ambient fixture temp
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions
- Fixture impact rating IK07

ELECTRICAL SPECIFICATIONS

Catalog Number	Wattage	Lumens	Lumens Below 90º	Dimming	CCT*	Efficacy	CRI	Housing Color	Input Voltage	Rated Life	Legacy Equivalent
KT-WPLED20-S1-8CSB-VDIM-B	20W	2600 lm	2340 lm	0–10V	3000K	130 lm/W	>80	Black	120–277V	50,000 hrs	50–70W MH
		2700 lm	2430 lm		4000K	135 lm/W					
		2500 lm	2330 lm		5000K	125 lm/W					

** Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017*

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LIGHT MADE EASY

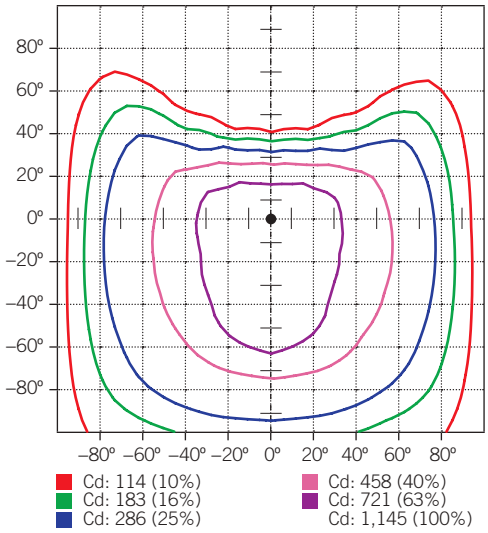
XFIT | SMALL LOW PROFILE WALL PACK FIXTURES

KT-WPLED20-S1-8CSB-VDIM-B

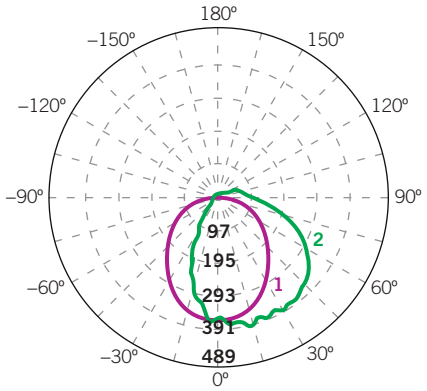
SMALL 20W NON-CUTOFF LED WALL PACK

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): **100°**
1 Violet C0–C180
2 Green C90–C270
Unit: cd

FLUX DISTRIBUTION

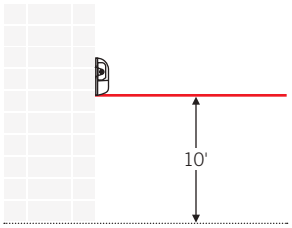
Zone	Lumens	% Luminaire
Forward Light	1,653 lm	64.0%
0°–30°	379 lm	14.7%
30°–60°	758 lm	29.4%
60°–80°	400 lm	15.5%
80°–90°	116 lm	4.5%
Back Light	667 lm	25.8%
0°–30°	264 lm	10.2%
30°–60°	283 lm	11.0%
60°–80°	97 lm	3.8%
80°–90°	23 lm	0.9%
Up Light	261 lm	10.1%
90°–100°	92 lm	3.5%
100°–180°	170 lm	6.6%

BUG* Rating	
Asymmetrical Luminare Types	
Type I, II, III, IV	B1 U3 G1
Quadrilateral Symmetrical Luminare Types	
Type V, Area Light	B1 U3 G1

* ***B****acklight,* ***U****plight,* ***G****lare*

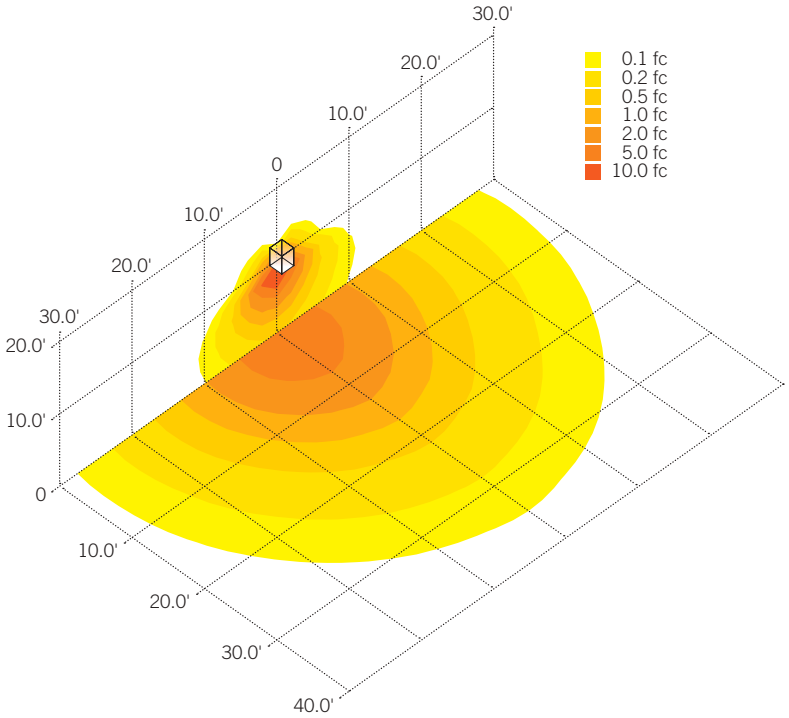
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 10'



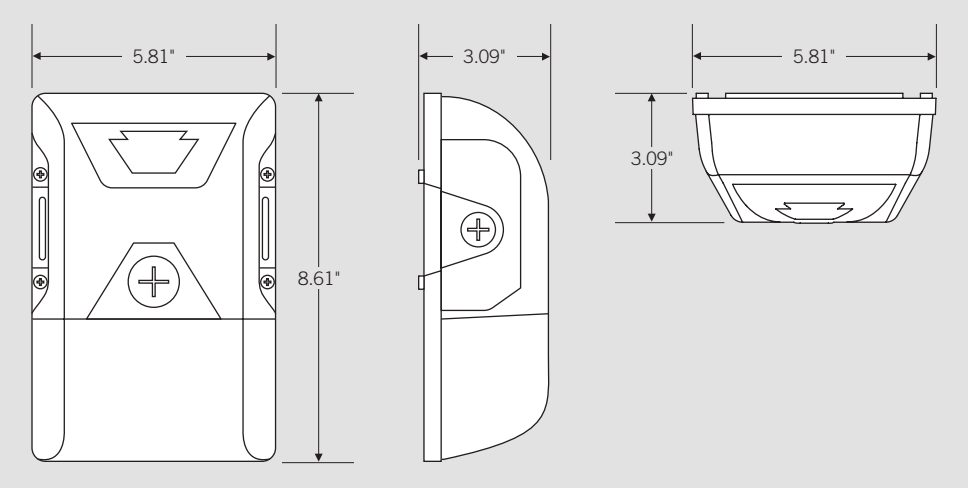
SINCE 1945
KEYSTONE
LIGHT MADE EASY

XFIT | SMALL LOW PROFILE WALL PACK FIXTURES

KT-WPLED20-S1-8CSB-VDIM-B

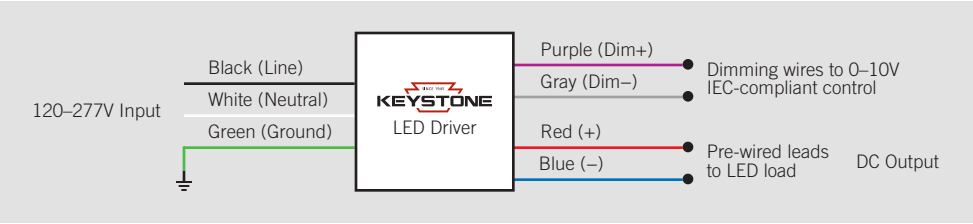
SMALL 20W NON-CUTOFF LED WALL PACK

PHYSICAL SPECIFICATIONS



GENERAL SETUP INSTRUCTIONS

GENERAL WIRING DIAGRAM



Caution: Before installing, make certain that AC power to the fixture is off.

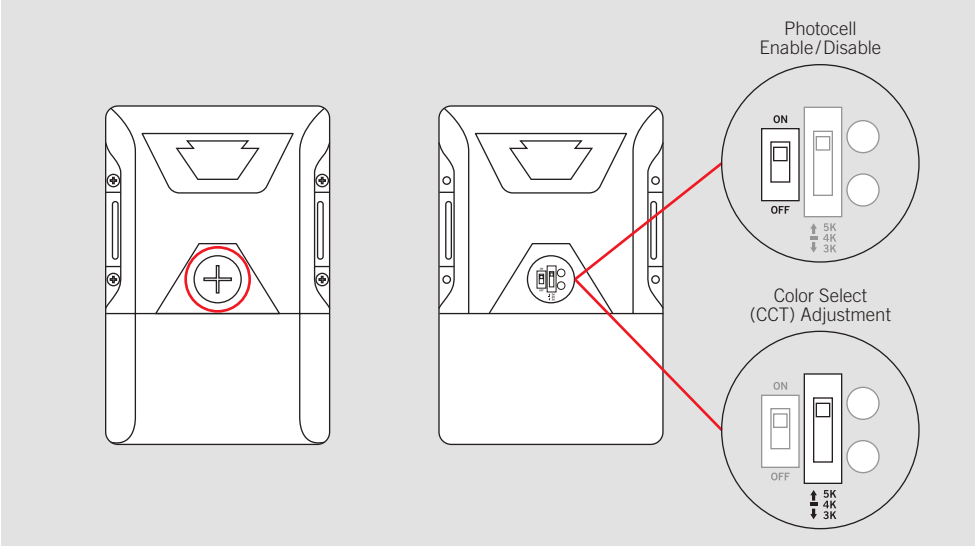
Caution: The electrical rating of this product is 120–277V. Installer must confirm that there is 120–277V at the fixture before installation.

PHOTOCELL ENABLE/DISABLE

This fixture is equipped with a dusk-to-dawn photocell behind the translucent knock-out (KO) cover. Adjust the dip switch to enable (ON) or disable (OFF) the photocell function (see illustrations to the right). Fixture comes preset with photocell enabled unless otherwise noted.

COLOR SELECT (CCT) ADJUSTMENT

Certain fixture models are equipped with Color Select technology. There is an adjustable dip switch behind the translucent knock-out (KO) cover to change CCT between 5000K, 4000K, and 3000K (see illustrations to the right). Fixture comes preset at 5000K unless otherwise noted.



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LIGHT MADE EASY

XFIT | SMALL LOW PROFILE WALL PACK FIXTURES

KT-WPLED20-S1-8CSB-VDIM-B

SMALL 20W NON-CUTOFF LED WALL PACK

ACCESSORY (SOLD SEPARATELY)

Catalog Number	Description
KTSP-10KV-C	Wall Pack 10kV Surge Protector, Compact Design

ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	EASY CODE	UPC
KT-WPLED20-S1-8CSB-VDIM-B	1	VDW-81	843654129129

CATALOG NUMBER BREAKDOWN

KT-WPLED20-S1-8CSB-VDIM-B

1 2 3 4 5 6 7 8 9 10 11 12

1 Keystone Technologies
2 Fixture Type
3 LED Lamp
4 Max Wattage
5 Size
6 Style
7 CRI
8 Color
9 Color Select Designation
10 0–10V Dimming
11 Housing Color
12 Sensor Options

2 Fixture Type

F	Flood
WP	Wallpack

5 Size

S	Small
M	Medium
L	Large

6 Style

1	Non-Cutoff
2	Full-Cutoff

7 CRI

8	>80
9	>90

8 Color

40	4000K
50	5000K
CS	Color Select

9 Color Select Designation

A	3500K, 4000K, 5000K
B	3000K, 4000K, 5000K
C	3000K, 3500K, 4000K, 5000K
D	TBD

10 Dimming

VDIM	0–10V

11 Housing Color

	Bronze
B	Black
W	White

10 Sensor Options

	No option
/MW	Microwave occupancy Sensor Installed

TRANSMITTAL LETTER

Customer	Project	CONTRACT #
Gilroy Unified School District	Bundled Energy Solutions	

PROJECT: *Gilroy Unified School District*
7810 Arroyo Cir.
Gilroy, CA 95020

TO: *Matt Woolman*

FROM: *ABM Technical Solutions*
6940 Koll Center Parkway Suite 100
Pleasanton, CA 94566

WE TRANSMIT: [ ] Attached [X] Under separate cover

VIA: [ ] Overnight Delivery [ ] Mail [X] E-mail
[ ] Courier [ ] Fax [ ] Other

FOR: [ ] Approval/Action [X] Information [ ] Use as requested
[ ] Comment [ ] Distribution [ ] Other

THE FOLLOWING: [ ] Drawings [ ] Specifications [ ] Digital files
[ ] Submittals [X] Other

DATE	PAGE NUMBER	DESCRIPTION
12/04/2023	2-26	Generator Submittal – Energy Product Experts

CUSTOMER: **ABM - Gilroy USD**
7810 Arroyo Circle
Gilroy CA 95020

Date: **12/4/2023**

EPX CONTACT: **Joe Remillet**
joe@epxgrp.com
951-400-5642

PROJECT: *ABM - Gilroy USD - 2 Generac Gensets with Installation*

Scope of Work:

EPX Group is committed to providing a comprehensive and efficient solution for the installation of two Natural Gas Generators in Gilroy, CA. Our team will undertake the following activities in a systematic and organized manner:

1. Project Management and Coordination:
    a. Develop a project schedule and provide regular updates to ABM, Gilroy USD and other stakeholders.
    b. Coordinate with the Generator supplier, utility representatives, and other subcontractors to ensure smooth project execution.
2. Engineering and Design
    a. EPX Group will conduct a site visit at each site
    b. Provide engineering and design services as well as stamps
    c. Coordinate with the AHJ and air quality board to obtain permits
    d. Coordinate and schedule post-installation inspections
    e. Processing and completing DSA application
    f. Geotechnical Investigation: Any geotechnical investigations, soil tests, or site remediation required prior to the commencement of work are not included in this proposal.
3. Site Preparation and Mobilization:
    a. Obtain required permits, licenses, and approvals from local authorities and utility providers.
    b. Mobilize equipment and personnel to the project site.
4. Civil Work:
    a. Excavate and prepare the site for the installation of the concrete pad to support the new switchgear and backup generator.
    b. Pour and level the concrete pad, ensuring appropriate curing time before equipment installation.
    c. Provide trenching and conduit systems for interconnecting cables between the new switchgear, generator, and utility transformer.
5. Generator Installation:
    a. Install the generator, ensuring proper anchoring and alignment.
        i. Genset to back up all critical loads requested by customer.
6. Electrical Installation:
    a. Intercept the utility feed from the utility transformer.
    b. Install the new switchgear and generator.
    c. Terminate and connect all necessary power cables and control wiring, adhering to the National Electrical Code (NEC) and other applicable standards.
    d. Install grounding and bonding systems as per applicable standards.
    e. Prevailing Wages Labor: This proposal includes labor costs calculated based on prevailing wages.

7. Testing and Commissioning:
    a. Perform pre-commissioning tests and inspections to ensure system integrity, including insulation resistance, continuity, and polarity tests.
    b. Train Gilroy USD personnel on system operation, maintenance, and troubleshooting.
8. Documentation and Closeout:
    a. Provide as-built markups, test reports, and manufacturer documentation for all installed equipment.
    b. Obtain final approvals and sign-offs from relevant authorities and utility providers.
    c. Perform project closeout activities, including warranty registration and final billing.

By adhering to this detailed scope of work, we aim to ensure the successful completion of the generator installation. Our team will work closely with ABM, Gilroy USD, and other stakeholders to ensure timely and efficient execution. We look forward to collaborating with ABM on this important project.

Equipment per Site:

Gilroy USD - District Office - IT Backup

Genset: SG0150KG269.0L18HPLYG (See Spec Sheet in Appendix)

Quantity 1 - Generac Industrial gaseous 9.0L V-8 engine-driven generator, consisting of the following features and accessories:

- Stationary Emergency-Standby rated
- 150 kW Rating, wired for 277/480 VAC three phase, 60 Hz
- Permanent Magnet Excitation
- LP Liquid fuel system
- Level 2 Acoustic Enclosure, Steel
  - Industrial Grey Baked-On Powder Coat Finish
- UL2200
- EPA Non Emergency
- H-100 Control Panel
  - Meets NFPA 99 and 110 requirements
  - Temp Range -40 to 70 degrees C
  - Digital Microprocessor:
    - Two 4-line x 20 displays, full system status
    - 3 Phase sensing, +/-0.25% digital voltage regulation
    - RS232, RS485 and Canbus remote ports
    - Waterproof connections
    - All engine sensors are 4-20ma for minimal interference
    - Programmable I/O
    - Built-in PLC for special applications
  - Engine function monitoring and control:
    - Full range standby operation; programmable auto crank, Emergency Stop, Auto-Off-Manual switch
    - Isochronous Governor, +/-0.25% frequency regulation
    - Full system status on all AC output and engine function parameters
    - Service reminders, trending, fault history (alarm log)
    - I2T function for full generator protection
    - Selectable low-speed exercise
  - 2-wire start controls for any 2-wire transfer switch
- 110 AH, 925 CCA Group 31 Battery, with rack, installed
- Standard MLCB, 80% rated thermal-magnetic
  - 250 Amp
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- Coolant Heater, 1500W, 120VAC
- Std set of 3 Manuals
- Extreme Cold Weather Kit - Heated Crankcase Breather System
- Standard 2-Year Limited Warranty
- SG0150KG269.0L18HPLYG

Automatic Transfer Switch: TX301NS0800K3AN (See Spec Sheet in Appendix)

- 800 Amp, 3 pole, 277/480 VAC three phase, 60 Hz, with 2-Wire Start Circuit
  - Utility Voltage Sensing Controls:
    - Adjustable Drop-out and Pick-up
    - Adjustable Utility Interrupt Delay
  - Adjustable Logic Controls:
    - Minimum Standby Voltage
    - Minimum Standby Frequency
    - Engine Warmup
    - Return to Utility
    - Engine Cooldown
    - Transfer on Exercise
- 3 Owner's Manuals
- 4 Sets of Form C Aux Cont
- Specific Breaker
- Withstand and Close-On Rating - 100kA Specific Breaker
- UL Listed 1008 by ETL
- NEMA 1 Enclosure
- Service Entrance Rated
- Specific Breaker
- In Phase Only Transfer
- Standard two year basic warranty
- TX301NS0800K3AN

Generator Location/Critical Loads:





Equipment per Site:

Rucker Elementary - Full Backup

Genset: SG0300KG20142S18PPLYG (See Spec Sheet in Appendix)

- Stationary Emergency-Standby rated
- 300 kW Rating, wired for 277/480 VAC three phase, 60 Hz
- Permanent Magnet Excitation
- Natural Gas fuel system
- Level 2 Acoustic Enclosure, Steel
  - Industrial Grey Baked-On Powder Coat Finish
- UL2200
- Power Zone Digital Control Panel for Single or MPS Generators
  - Meets NFPA 99 and 110 requirements
  - Temp Range -40 to 70 degrees C
  - Humidity 2 – 95% (Non Condensing)
  - UL6200
  - C-ETL-US
  - CE
  - FCC
  - IEC801 (Radiated Emissions, Susceptibility, and Surge Immunity)
  - 7" Resistive Color Touchscreen
    - Built-in Webserver
    - IP65 (front)
    - Auto/Manual/Off key switch, Alarm Indication, Not in Auto Indication, audible alarm, emergency stop switch
  - Dual Core Digital Microprocessor
    - RS485, Ethernet and CANbus ports
  - Sensors: Oil Pressure, optional Oil Temp, Coolant Temp and Level, Fuel Level/Pressure (where applicable), Engine Speed, DC Battery Voltage, Run-time Hours, Generator Voltages, Amps, Frequency, Power, Power Factor
    - Alarm Status: Low or High AC Voltage, Low or High Battery Voltage, Low or High Frequency, Pre-low or Low Oil Pressure, Pre-high or High Oil Temp (optional), Low Water Level and Temp, Pre-high or High Engine Temp, High, Low, and Critical-low Fuel Level/Pressure (where applicable), Overcrank, Over and Under Speed, Unit Not in Automatic
    - Programmable I/O
    - Built-in PLC for special applications
  - Engine function monitoring and control:
    - Full range standby operation; programmable auto crank, Emergency Stop, Auto-Off-Manual switch
    - Isochronous Governor
      - 0.25% digital frequency regulation with: soft-start ramping - adjustable, gain - adjustable, overshoot limit - adjustable
    - 3 Phase RMS Voltage Sensing
      - +/-0.5% digital voltage regulation with: soft-start voltage ramping - adjustable, loss of sensing protection - adjustable, negative power limit - adjustable, Hi/Lo voltage limit - adjustable, V/F slope and gain - adjustable, fault protection
  - Service reminders, trending, fault history (alarm log)
  - I2T function for full generator protection
  - Selectable low-speed exercise
  - 2 and 3-wire start controls for any industrial grade transfer switch
- 225 AH, 1155 CCA Group 8D Batteries, with rack, installed
- Standard MLCB, 80% rated thermal-magnetic
  - 500 Amp
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- Coolant Heater, 2000W, 240VAC
- 3 Owner's Manuals
- Oil Temp Sender
- Standard 2-Year Limited Warranty
- SG0300KG20142S18PPLYG

Automatic Transfer Switch: PSTS Series 2000A (See Spec Sheet in Appendix)

- Service Entrance Rated, Open Transition
- Power-Frame Design
- 2000 Amp, 3 Pole, 277/480 VAC three phase
- CSA C22.2 Certified
- CUL Listed
- UL1008 Listed
- NEMA 1 Enclosure
- ATC-900 Microprocessor-Based ATS Controller
    - Color 4.3 Inch LCD Display
    - Front Panel Mimic Diagram with colored LEDs for Source/Load Indication
    - Standard Features:
        - Sensing and Programmable Setpoints for both Normal (S1) and Emergency (S2): Under-voltage/Under-frequency, Over-voltage/Over-frequency; Voltage Unbalance Sensing and Phase Reversal for all phases, Phase Loss
        - Adjustable Time Delays: Engine Start, Transfer Normal to Emergency & Emergency to Normal, Engine Cooldown, Emergency Fail
        - Programmable Source Selector, Utility to Utility or Utility to Generator
        - Programmable Source Selector, Generator to Generator
        - Pushbutton for Bypassing Time Delays on Transfer/Retransfer
        - Test Pushbutton
        - MODBUS Communication
        - USB Port for Memory Stick

Generator Location/Critical Loads:





Proposed Progress Payments:

1. 30% upon contract signing (Materials Draw)
2. 30% upon completion of mobilization
3. 30% upon completion of 50% of work
4. 10% upon project completion and acceptance

General Notes:

- **Lead Times and Pricing: Current lead times (valid through Nov 15 2023) for all products are 24-36 weeks from receipt of PO.**
- Proposal Validity: This proposal and the associated pricing are valid for a period of 90 days from the date of submission. Any changes or revisions required after this period may be subject to a reassessment of the project scope and cost.
- Project Schedule: The final project schedule will be determined at a later date in collaboration with ABM and Gilroy USD, taking into account the scheduled utility outage and other factors that may influence the timeline. We will work closely with all stakeholders to ensure timely project completion.
- Change Orders: Any changes to the project scope, schedule, or cost resulting from unforeseen conditions, client requests, or other factors will be addressed through a formal change order process. This process will ensure proper documentation and approval of any adjustments to the project.
- Pricing: The pricing provided in this proposal is based on the information, requirements, and assumptions detailed in the scope of work, exclusions, and other relevant sections of this document. EPX Group has made every effort to provide accurate and comprehensive pricing based on the current project conditions and market rates. However, the actual costs may vary due to unforeseen circumstances, changes in project requirements, or fluctuations in material and labor costs. EPX Group reserves the right to adjust the pricing in this proposal in the event of such changes or discrepancies. Any adjustments to the pricing will be communicated to ABM and Gilroy USD in a timely manner, and a formal change order process will be initiated to ensure proper documentation and approval. By accepting this proposal, ABM and Gilroy USD acknowledge and agree to the possibility of pricing adjustments due to the factors mentioned above. EPX Group shall not be held responsible for any costs, losses, or damages resulting from these adjustments, provided that the changes are duly documented and approved through the change order process.
- Payment Terms: Payment terms for this project will be outlined in a separate contract agreement between EPX Group and ABM, LLC. In general, progress payments will be invoiced based on project milestones as listed above, with a final payment due upon completion and acceptance of the work.

(See Appendices Attached)

SG150 | 9.0L | 150 kW

INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary Emergency and Non-Emergency

GENERAC | INDUSTRIAL POWER

DEMAND RESPONSE READY

Standby Power Rating

150 kW, 188 kVA, 60 Hz



Image used for illustration purposes only

Codes and Standards

Not all codes and standards apply to all configurations. Contact factory for details.

- UL2200, UL508, UL489
- CSA C22.2
- BS5514 and DIN 6271
- SAE J1349
- NFPA 37, 70, 99, 110
- NEC700, 701, 702, 708
- ISO 3046, 7637, 8528, 9001
- NEMA ICS10, MG1, 250, ICS6, AB1
- ANSI C62.41
- IBC 2009, CBC 2010, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)

Powering Ahead

Generac ensures superior quality by designing and manufacturing most of its generator components, such as alternators, enclosures, control systems and communications software. Generac also makes its own spark-ignited engines, and you'll find them on every Generac gaseous-fueled generator. We engineer and manufacture them from the block up — all at our facilities throughout Wisconsin. Applying natural gas and LP-fueled engines to generators requires advanced engineering expertise to ensure reliability, durability and necessary performance. By designing specifically for these dry, hotter-burning fuels, the engines last longer and require less maintenance. Building our own engines also means we control every step of the supply chain and delivery process, so you benefit from single-source responsibility.

Plus, Generac Industrial Power's distribution network provides all parts and service so you don't have to deal with third-party suppliers. It all leads to a positive owner experience and higher confidence level. Generac spark-ignited engines give you more options in commercial and industrial generator applications as well as extended run time from utility-supplied natural gas.

SG150 | 9.0L | 150 kW

INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary Emergency and Non-Emergency

GENERAC | INDUSTRIAL POWER

STANDARD FEATURES

DEMAND RESPONSE READY

ENGINE SYSTEM

- Oil Drain Extension
- Air Cleaner
- Fan Guard
- Stainless Steel Flexible Exhaust Connection
- Factory Filled Oil and Coolant
- Radiator Duct Adapter (Open Set Only)
- Critical Silencer/Catalyst

Fuel System

- NPT Fuel Connection on Frame
- Primary and Secondary Fuel Shutoff

Cooling System

- Closed Coolant Recovery System
- UV/Ozone Resistant Hoses
- Factory-Installed Radiator
- 50/50 Ethylene Glycol Antifreeze
- Radiator Drain Extension

Electrical System

- Battery Charging Alternator
- Battery Cables
- Battery Tray
- Rubber-Booted Engine Electrical Connections
- Solenoid Activated Starter Motor

ALTERNATOR SYSTEM

- UL2200 GENprotect™
- Class H Insulation Material
- 2/3 Pitch
- Skewed Stator
- Permanent Magnet Excitation
- Sealed Bearings
- Amortisseur Winding
- Full Load Capacity Alternator

GENERATOR SET

- Internal Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Separation of Circuits - Multiple Breakers
- Wrapped Exhaust Piping
- Standard Factory Testing
- 2 Year Limited Warranty (Standby Rated Units)
- Silencer Mounted in the Discharge Hood (Enclosed Units Only)

ENCLOSURE (If Selected)

- Rust-Proof Fasteners with Nylon Washers to Protect Finish
- High Performance Sound-Absorbing Material (Sound Attenuation Enclosures)
- Gasketed Doors
- Stamped Air-Intake Louvers
- Upward Facing Discharge Hoods (Radiator and Exhaust)
- Stainless Steel Lift Off Door Hinges
- Stainless Steel Lockable Handles
- RhinoCoat™ - Textured Polyester Powder Coat Paint

CONTROL SYSTEM



Digital H Control Panel- Dual 4x20 Display

Program Functions

- Programmable Crank Limiter
- 7-Day Programmable Exerciser
- Special Applications Programmable Logic Controller
- RS-232/485 Communications
- All Phase Sensing Digital Voltage Regulator
- 2-Wire Start Capability
- Date/Time Fault History (Event Log)
- Isochronous Governor Control
- Waterproof/Sealed Connectors
- Audible Alarms and Shutdowns
- Not in Auto (Flashing Light)
- Auto/Off/Manual Switch
- E-Stop (Red Mushroom-Type)
- NFPA 110 Level I and II (Programmable)
- Customizable Alarms, Warnings, and Events
- Modbus® Protocol
- Predictive Maintenance Algorithm
- Sealed Boards
- Password Parameter Adjustment Protection
- Single Point Ground
- 16 Channel Remote Trending
- 0.2 msec High Speed Remote Trending
- Alarm Information Automatically Annunciated on the Display

Full System Status Display

- Power Output (kW)
- Power Factor
- kW Hours, Total, and Last Run
- Real/Reactive/Apparent Power
- All Phase AC Voltage
- All Phase Currents
- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Speed
- Battery Voltage
- Frequency

Alarms and Warnings

- Oil Pressure
- Coolant Temperature
- Coolant Level
- Low Fuel Pressure
- Engine Overspeed
- Battery Voltage
- Alarms and Warnings Time and Date Stamped
- Snap Shots of Key Operation Parameters During Alarms and Warnings
- Alarms and Warnings Spelled Out (No Alarm Codes)

CONFIGURABLE OPTIONS

DEMAND RESPONSE READY

ENGINE SYSTEM

- ○ Engine Block Heater
- ○ Oil Heater
- ○ Air Filter Restriction Indicator
- ○ Radiator Stone Guard (Open Set Only)
- ○ Baseframe Cover/Rodent Guard
- ○ Level 1 Fan and Belt Guards (Enclosed Units Only)
- ○ Shipped Loose Critical Silencer (Open Set Only)

FUEL SYSTEM

- ○ NPT Flexible Fuel Line

ELECTRICAL SYSTEM

- ○ 10A UL Listed Battery Charger
- ○ Battery Warmer

ALTERNATOR SYSTEM

- ○ Alternator Upsizing
- ○ Anti-Condensation Heater
- ○ Tropical Coating

CIRCUIT BREAKER OPTIONS

- ○ Main Line Circuit Breaker
- ○ 2nd Main Line Circuit Breaker
- ○ Shunt Trip and Auxiliary Contact
- ○ Electronic Trip Breakers

GENERATOR SET

- ○ Demand Response Rating
- ○ Extended Factory Testing (3-Phase Only)
- ○ IBC Seismic Certification
- ○ 8 Position Load Center

ENCLOSURE

- ○ Weather Protected Enclosure
- ○ Level 1 Sound Attenuated
- ○ Level 2 Sound Attenuated
- ○ Level 2 Sound Attenuated with Motorized Dampers
- ○ Steel Enclosure
- ○ Aluminum Enclosure
- ○ AC/DC Enclosure Lighting Kit
- ○ Enclosure Heater
- ○ Pad Vibration Isolation
- ○ Up to 200 MPH Wind Load Rating (Contact Factory for Availability)
- ○ Door Open Alarm Switch

CONTROL SYSTEM

- ○ NFPA 110 Compliant Level 1 21-Light Remote Annunciator
- ○ Remote Relay Assembly (8 or 16)
- ○ Oil Temperature Indication and Alarm
- ○ Remote E-Stop (Break Glass-Type, Surface Mount)
- ○ Remote E-Stop (Red Mushroom-Type, Surface Mount)
- ○ Remote E-Stop (Red Mushroom-Type, Flush Mount)
- ○ 10A Engine Run Relay
- ○ Ground Fault Annunciator
- ○ 100 dB Alarm Horn
- ○ 120V GFCI and 240V Outlets
- ○ Damper Alarm Contacts (Motorized Dampers Only)
- ○ Auxiliary Circuit Breaker Contacts to Controller

WARRANTY (Standby Gensets Only)

- ○ 2 Year Extended Limited Warranty
- ○ 5 Year Limited Warranty
- ○ 5 Year Extended Limited Warranty
- ○ 7 Year Extended Limited Warranty
- ○ 10 Year Extended Limited Warranty

ENGINEERED OPTIONS

ENGINE SYSTEM

- ○ Coolant Heater Ball Valves
- ○ Fluid Containment Pan

ALTERNATOR SYSTEM

- ○ 3rd Breaker System

CONTROL SYSTEM

- ○ Battery Disconnect Switch

GENERATOR SET

- ○ Special Testing
- ○ Battery Box

SG150 | 9.0L | 150 kW

INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary Emergency and Non-Emergency

GENERAC | INDUSTRIAL POWER

APPLICATION AND ENGINEERING DATA

DEMAND RESPONSE READY

ENGINE SPECIFICATIONS

General

Make	Generac
Cylinder #	8
Type	V
Displacement - in^3 (L)	543 (8.9)
Bore - in (mm)	4.49 (114.3)
Stroke - in (mm)	4.25 (108)
Compression Ratio	G18 - 10.5:1 / G26 - 9.1:1 *
Intake Air Method	Turbocharged/Aftercooled
Number of Main Bearings	5
Connecting Rods	Forged Steel
Cylinder Head	Cast Iron
Cylinder Liners	No
Ignition	High Energy
Piston Type	Aluminum Alloy
Crankshaft Type	Forged Steel
Lifter Type	Hydraulic Roller
Intake Valve Material	Steel Alloy
Exhaust Valve Material	Stainless Steel
Hardened Valve Seats	Yes

Engine Governing

Governor	Electronic
Frequency Regulation (Steady State)	±0.25%

Lubrication System

Oil Pump Type	Gear Driven
Oil Filter Type	Full-Flow Spin-On Cartridge
Crankcase Capacity - qt (L)	G18 - 8.5 (8.0) / G26 - 9.5 (10.0) *

Cooling System

Cooling System Type	Pressurized Closed
Fan Type	Pusher
Fan Speed - RPM	G18 - 2,330 / G26 - 2,386 *
Fan Diameter - in (mm)	22 (559)

Fuel System

Fuel Type	Natural Gas, Propane Vapor/Liquid
Carburetor	Down Draft
Secondary Fuel Regulator	Standard
Fuel Shut Off Solenoid	Standard
Operating Fuel Pressure - in H_2O (kPa)	7 - 11 (1.7 - 2.7)
Operating Fuel Pressure (LPL) - psi (kPa)	30 - 312 (206 - 2,151)

Engine Electrical System

System Voltage	12 VDC
Battery Charger Alternator	Standard
Battery Size	See Battery Index 0161970SBY
Battery Voltage	12 VDC
Ground Polarity	Negative

* G18 refers to all engines manufactured before August 3rd, 2018. G26 refers to all engines manufactured after August 3rd, 2018.

ALTERNATOR SPECIFICATIONS

Standard Model	K0150124Y26
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 Ball
Coupling	Direct Drive
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Full Digital
Number of Sensed Phases	All
Regulation Accuracy (Steady State)	±0.25%

SG150 | 9.0L | 150 kW

INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary Emergency and Non-Emergency

OPERATING DATA

DEMAND RESPONSE READY

POWER RATINGS

	G18, G26 - Natural Gas *		G18, G26 - Propane/Dual Fuel *	
Single-Phase 120/240 VAC @1.0pf	144 kW	Amps: 600	134 kW	Amps: 558
Three-Phase 120/208 VAC @0.8pf	150 kW	Amps: 521	140 kW	Amps: 486
Three-Phase 120/240 VAC @0.8pf	150 kW	Amps: 452	140 kW	Amps: 422
Three-Phase 277/480 VAC @0.8pf	150 kW	Amps: 226	140 kW	Amps: 211
Three-Phase 346/600 VAC @0.8pf	150 kW	Amps: 181	140 kW	Amps: 169

MOTOR STARTING CAPABILITIES (skVA)

skVA vs. Voltage Dip

277/480 VAC	30%	208/240 VAC	30%
K0150124Y26	327	K0150124Y26	250
K0200124Y21	478	K0200124Y21	361

FUEL CONSUMPTION RATES*

Natural Gas – scfh (m^3/hr)		Propane Vapor – scfh (m^3/hr)		Propane Liquid – gph (Lph)	
Percent Load	Standby	Percent Load	Standby	Percent Load	Standby
25%	668 (18.9)	25%	280 (7.9)	25%	6.7 (25.4)
50%	1,127 (31.9)	50%	430 (12.2)	50%	11.4 (43.2)
75%	1,583 (44.8)	75%	573 (16.2)	75%	15.7 (59.4)
100%	2,042 (57.8)	100%	720 (20.4)	100%	20.0 (75.7)

* Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

		Standby
Air Flow (Fan Air Flow Across Radiator)	scfm (m^3/min)	5,598 (158.5)
Coolant Flow	gpm (Lpm)	27.5 (104)
Coolant System Capacity	gal (L)	6.3 (24.0)
Maximum Operating Air Temperature on Radiator	°F (°C)	122 (50)
Maximum Operating Ambient Temperature (Before Derate)	See Bulletin 0199270SSD	
Maximum Radiator Backpressure	in H_2O (kPa)	0.5 (0.12)

COMBUSTION AIR REQUIREMENTS

	Standby
Flow at Rated Power scfm (m^3/min)	343 (9.7)

ENGINE

		Standby
Rated Engine Speed	RPM	1,800
Horsepower at Rated kW**	hp	229
Piston Speed	ft/min (m/min)	1,275 (389)
BMEP	psi (kPa)	185 (1,277)

EXHAUST

		Standby
Exhaust Flow (Rated Output)	scfm (m^3/min)	1,206 (34.1)
Backpressure (Post Silencer)	inHg (kPa)	0.75 (2.54)
Exhaust Temp (Rated Output - Post Silencer)	°F (°C)	1,440 (782)

* G18 refers to all engines manufactured before August 3rd, 2018. G26 refers to all engines manufactured after August 3rd, 2018.
** Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.
Please contact a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, and DIN6271 standards.
Standby - See Bulletin 0187500SSB
Demand Response - See Bulletin 10000018250

SG150 | 9.0L | 150 kW

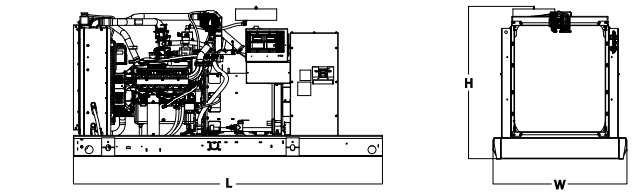
INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary Emergency and Non-Emergency

GENERAC | INDUSTRIAL POWER

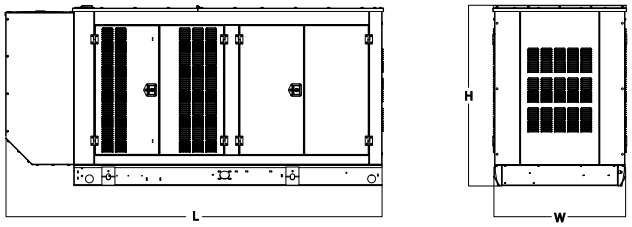
DIMENSIONS AND WEIGHTS*

DEMAND RESPONSE READY



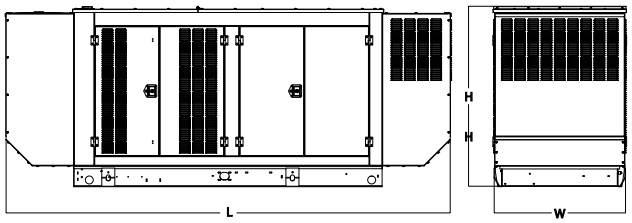
OPEN SET (Includes Exhaust Flex)

L x W x H - in (mm)	116.5 (2,959) x 49.7 (1,262) x 55.6 (1,412)
Weight - lbs (kg)	2,946 (1,336)



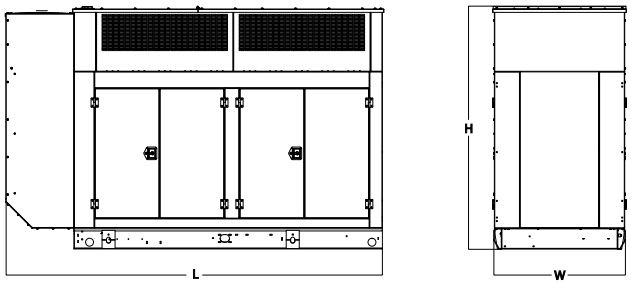
WEATHER PROTECTED ENCLOSURE

L x W x H - in (mm)	143.0 (3,631) x 50.4 (1,280) x 68.2 (1,732)
Weight - lbs (kg)	Steel: 3,843 (1,743) Aluminum: 3,384 (1,535)



LEVEL 1 ACOUSTIC ENCLOSURE

L x W x H - in (mm)	168.5 (4,280) x 50.4 (1,280) x 68.2 (1,732)
Weight - lbs (kg)	Steel: 4,129 (1,873) Aluminum: 3,508 (1,591)



LEVEL 2 ACOUSTIC ENCLOSURE

L x W x H - in (mm)	143.0 (3,632) x 50.4 (1,280) x 91.7 (2,329)
Weight - lbs (kg)	Steel: 4,321 (1,960) Aluminum: 3,592 (1,629)

* All measurements are approximate and for estimation purposes only.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

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

SPEC SHEET

6 of 6

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SG300 | 14.2L | 300 kW

INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary Emergency and Non-Emergency

GENERAC | INDUSTRIAL POWER

DEMAND RESPONSE READY

Standby Power Rating
300 kW, 375 kVA, 60 Hz

Demand Response Rating
300 kW, 375 kVA, 60 Hz

Prime Power Rating
270 kW, 338 kVA, 60 Hz

ISO 9001:2008

USA ENGINEERED & BUILT* *Assembled in the USA using domestic and foreign parts

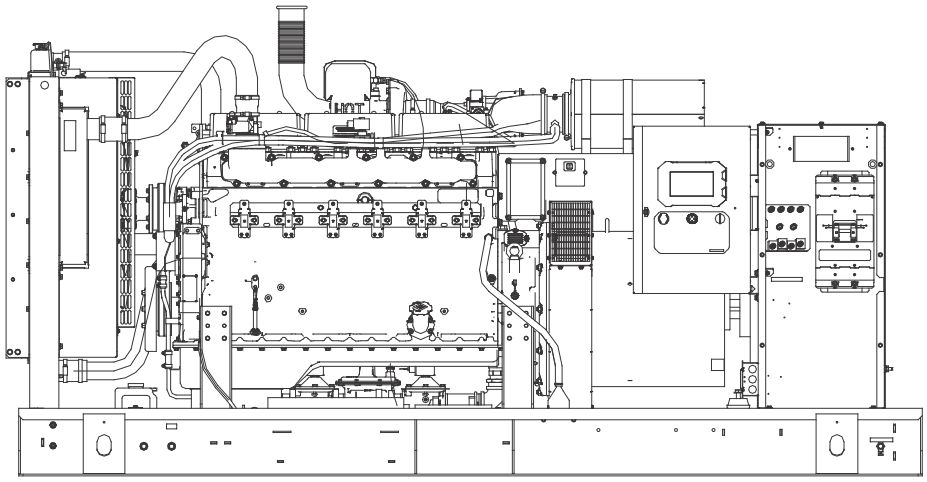


Image used for illustration purposes only

Codes and Standards

Not all codes and standards apply to all configurations. Contact factory for details.

- UL2200, UL6200, UL1236, UL489
- CSA C22.2
- BS5514 and DIN 6271
- SAE J1349
- NFPA 37, 70, 99, 110
- NEC700, 701, 702, 708
- ISO 3046, 7637, 8528, 9001
- NEMA ICS10, MG1, 250, ICS6, AB1
- ANSI C62.41
- IBC 2009, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)

Powering Ahead

Generac ensures superior quality by designing and manufacturing most of its generator components, such as alternators, enclosures, control systems and communications software. Generac also makes its own spark-ignited engines, and you'll find them on every Generac gaseous-fueled generator. We engineer and manufacture them from the block up — all at our facilities throughout Wisconsin. Applying natural gas and LP-fueled engines to generators requires advanced engineering expertise to ensure reliability, durability and necessary performance. By designing specifically for these dry, hotter-burning fuels, the engines last longer and require less maintenance. Building our own engines also means we control every step of the supply chain and delivery process, so you benefit from single-source responsibility.

Plus, Generac Industrial Power's distribution network provides all parts and service so you don't have to deal with third-party suppliers. It all leads to a positive owner experience and higher confidence level. Generac spark-ignited engines give you more options in commercial and industrial generator applications as well as extended run time from utility-supplied natural gas.

SG300 | 14.2L | 300 kW

INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary Emergency and Non-Emergency

GENERAC | INDUSTRIAL POWER

STANDARD FEATURES

DEMAND RESPONSE READY

ENGINE SYSTEM

- Oil Drain Extension
- Air Cleaner
- Fan Guard
- Stainless Steel Flexible Exhaust Connection
- Factory Filled Oil and Coolant
- Radiator Duct Adapter (Open Set Only)
- Critical Silencer (Enclosed Units Only)
- Oil Temperature Indication and Alarm

Fuel System

- NPT Fuel Connection on Frame
- Primary and Secondary Fuel Shutoff

Cooling System

- Closed Coolant Recovery System
- UV/Ozone Resistant Hoses
- Factory-Installed Radiator
- 50/50 Ethylene Glycol Antifreeze
- Radiator Drain Extension

Electrical System

- Battery Charging Alternator
- Battery Cables
- Battery Tray
- Rubber-Booted Engine Electrical Connections
- Solenoid Activated Starter Motor

ALTERNATOR SYSTEM

- UL2200 GENprotect™
- Class H Insulation Material
- 2/3 Pitch
- Skewed Stator
- Permanent Magnet Excitation
- Sealed Bearing
- Amortisseur Winding
- Full Load Capacity Alternator

GENERATOR SET

- Internal Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Separation of Circuits - Multiple Breakers
- Wrapped Exhaust Piping
- Standard Factory Testing
- 2 Year Limited Warranty (Standby Rated Units)
- Ready to Accept Full Load in <10 Seconds

ENCLOSURE (If Selected)

- Rust-Proof Fasteners with Nylon Washers to Protect Finish
- High Performance Sound-Absorbing Material (Sound Attenuated Enclosures)
- Gasketed Doors
- Upward Facing Discharge Hood (Radiator and Exhaust)
- Stainless Steel Lift Off Door Hinges
- Stainless Steel Lockable Handles
- RhinoCoat™ - Textured Polyester Powder Coat Paint

CONTROL SYSTEM



Power Zone® Pro Sync Controller

Program Functions

- NFPA 110 Level 1 Compliant
- Engine Protective Functions
- Alternator Protective Functions
- Digital Engine Governor Control
- Digital Voltage Regulator
- Multiple Programmable Inputs and Outputs
- Remote Display Capability
- Remote Communication via Modbus® RTU, Modbus TCP/IP, and Ethernet 10/100
- Alarm and Event Logging with Real Time Stamping
- Expandable Analog and Digital Inputs and Outputs
- Remote Wireless Software Update Capable
- Wi-Fi, Bluetooth, BMS and Remote Telemetry
- Built-In Programmable Logic Eliminates the Need for External Controllers Under Most Conditions
- Ethernet Based Communications Between Generators
- Programmable I/O Channel Properties
- Built-In Diagnostics

Protections

- Low Oil Pressure
- Low Coolant Level
- High/Low Coolant Temperature
- Sensor Failure
- Oil Temperature
- Over/Under Speed
- Over/Under Voltage
- Over/Under Frequency
- Over/Under Current
- Over Load
- High/Low Battery Voltage
- Battery Charger Current
- Phase to Phase and Phase to Neutral Short Circuits (I^2T Algorithm)

7 Inch Color Touch Screen Display

- Resistive Color Touch Screen
- Sunlight Readable (1400 NITS)
- Easily Identifiable Icons
- Multi-Lingual
- On Screen Editable Parameters
- Key Function Monitoring
- Three Phase Voltage, Amperage, kW, kVA, and kVAr
- Selectable Line to Line or Line to Neutral Measurements
- Frequency
- Engine Speed
- Engine Coolant Temperature
- Engine Oil Pressure
- Engine Oil Temperature
- Battery Voltage
- Hourmeter
- Warning and Alarm Indication
- Diagnostics
- Maintenance Events/Information

CONFIGURABLE OPTIONS

DEMAND RESPONSE READY

ENGINE SYSTEM

- ○ Engine Coolant Heater
- ○ Baseframe Cover/Rodent Guard
- ○ 2 Stage Air Cleaner
- ○ Oil Heater
- ○ Air Filter Restriction Indicator
- ○ Radiator Stone Guard (Open Set Only)
- ○ Level 1 Fan and Belt Guards

FUEL SYSTEM

- ○ NPT Flexible Fuel Line

ELECTRICAL SYSTEM

- ○ 10A UL Listed Battery Charger
- ○ Battery Warmer

ALTERNATOR SYSTEM

- ○ Alternator Upsizing
- ○ Anti-Condensation Heater
- ○ Tropical Coating

CIRCUIT BREAKER OPTIONS

- ○ Main Line Circuit Breaker
- ○ 2nd Main Line Circuit Breaker
- ○ Shunt Trip and Auxiliary Contact
- ○ Electronic Trip Breakers

GENERATOR SET

- ○ Demand Response Rating
- ○ Extended Factory Testing (3-Phase Only)
- ○ 12 Position Load Center
- ○ Vapor Recovery Heater

ENCLOSURE

- ○ Weather Protected Enclosure
- ○ Level 1 Sound Attenuated
- ○ Level 2 Sound Attenuated
- ○ Level 2 Sound Attenuated with Motorized Dampers
- ○ Level 3 Sound Attenuated (Steel Only)
- ○ Steel Enclosure
- ○ Aluminum Enclosure
- ○ Up to 200 MPH Wind Load Rating (Contact Factory for Availability)
- ○ AC/DC Enclosure Lighting Kit
- ○ Enclosure Heaters
- ○ IBC Seismic Certification
- ○ Door Open Alarm Switch

CONTROL SYSTEM

- ○ NFPA 110 Level 1 Compliant 21-Light Remote Annunciator
- ○ Remote Relay Assembly (8 or 16)
- ○ Remote E-Stop (Break Glass-Type, Surface Mount)
- ○ Remote E-Stop (Red Mushroom-Type, Surface Mount)
- ○ Remote E-Stop (Red Mushroom-Type, Flush Mount)
- ○ 10A Engine Run Relay
- ○ Ground Fault Annunciator
- ○ 100 dB Alarm Horn
- ○ 120V GFCI and 240V Outlets
- ○ Damper Alarm Contacts (Motorized Dampers Only)

WARRANTY (Standby Gensets Only)

- ○ 2 Year Extended Limited Warranty
- ○ 5 Year Limited Warranty
- ○ 5 Year Extended Limited Warranty
- ○ 7 Year Extended Limited Warranty
- ○ 10 Year Extended Limited Warranty

ENGINEERED OPTIONS

ENGINE SYSTEM

- ○ Fluid Containment Pans

CONTROL SYSTEM

- ○ Battery Disconnect Switch

ALTERNATOR SYSTEM

- ○ 3rd Main Line Circuit Breaker
- ○ 4th Main Line Circuit Breaker

GENERATOR SET

- ○ Special Testing
- ○ Battery Box

SG300 | 14.2L | 300 kW

INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary Emergency and Non-Emergency

GENERAC | INDUSTRIAL POWER

APPLICATION AND ENGINEERING DATA

DEMAND RESPONSE READY

ENGINE SPECIFICATIONS

General

Make	Generac
Cylinder #	6
Type	In-line
Displacement - in^3 (L)	864.71 (14.2)
Bore - in (mm)	5.31 (135)
Stroke - in (mm)	6.50 (165)
Compression Ratio	9.5:1
Intake Air Method	Turbocharged/Aftercooled
Number of Main Bearings	7
Connecting Rods	Steel Alloy
Cylinder Head	Cast Iron GT250, OHV
Cylinder Liners	Ductile Iron
Ignition	Electronic
Piston Type	Aluminum
Crankshaft Type	Ductile Iron
Lifter Type	Solid
Intake Valve Material	Special Heat-Resistant Steel
Exhaust Valve Material	High Temp Steel Alloy
Hardened Valve Seats	High Temp Steel Alloy

Engine Governing

Governor	Electronic
Frequency Regulation (Steady State)	±0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full-Flow with Cartridge
Crankcase Capacity - qt (L)	36.2 (34.3)

Cooling System

Cooling System Type	Pressurized Closed Recovery
Fan Type	Pusher
Fan Speed - RPM	1,894
Fan Diameter - in (mm)	34 (864)

Fuel System

Fuel Type	Natural Gas
Carburetor	Down Draft
Secondary Fuel Regulator	Standard
Fuel Shut Off Solenoid	Standard
Operating Fuel Pressure - in H_2O (kPa)	7 - 11 (1.7 - 2.7)

Engine Electrical System

System Voltage	24 VDC
Battery Charger Alternator	58 A
Battery Size	See Battery Index 0161970SBY
Battery Voltage	(2) - 12 VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	K0300124Y21
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<5% (3-Phase)
Telephone Interference Factor (TIF)	<50
Standard Excitation	Permanent Magnet
Bearings	Sealed Ball
Coupling	Direct via Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Full Digital
Number of Sensed Phases	All
Regulation Accuracy (Steady State)	±0.25%

SG300 | 14.2L | 300 kW

INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary Emergency and Non-Emergency

GENERAC | INDUSTRIAL POWER

OPERATING DATA

DEMAND RESPONSE READY

POWER RATINGS — NATURAL GAS

	Standby/Demand Response		Prime	
Three-Phase 120/208 VAC @0.8pf	300 kW/375 kVA	Amps: 1,042	270 kW/337.5 kVA	Amps: 938
Three-Phase 120/240 VAC @0.8pf	300 kW/375 kVA	Amps: 903	270 kW/337.5 kVA	Amps: 813
Three-Phase 277/480 VAC @0.8pf	300 kW/375 kVA	Amps: 452	270 kW/337.5 kVA	Amps: 406
Three-Phase 346/600 VAC @0.8pf	300 kW/375 kVA	Amps: 361	270 kW/337.5 kVA	Amps: 325

MOTOR STARTING CAPABILITIES (skVA)

skVA vs. Voltage Dip

277/480 VAC	30%	208/240 VAC	30%
K0300124Y21	790	K0300124Y21	609

FUEL CONSUMPTION RATES*

Natural Gas – scfh (m^3/hr)

Percent Load	Standby/Demand Response	Prime
25%	1,260 (35.7)	1,200 (34.0)
50%	1,980 (56.1)	1,860 (52.7)
75%	2,700 (76.5)	2,460 (69.7)
100%	3,420 (96.8)	3,120 (88.3)

* Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

		Standby/Demand Response	Prime
Air Flow (Fan Air Flow Across Radiator)	scfm (m^3/min)	15,946 (452)	15,946 (452)
Coolant Flow	gpm (Lpm)	90 (340.7)	90 (340.7)
Coolant System Capacity	gal (L)	15 (54.9)	15 (54.9)
Maximum Operating Ambient Temperature	°F (°C)	122 (50)	122 (50)
Maximum Operating Ambient Temperature (Before Derate)		See Bulletin No. 0199270SSD	
Maximum Radiator Backpressure	in H_2O (kPa)	0.5 (0.12)	0.5 (0.12)

COMBUSTION AIR REQUIREMENTS

	Standby/Demand Response	Prime
Flow at Rated Power - scfm (m^3/min)	540 (15.3)	497 (14.1)

ENGINE

		Standby/Demand Response	Prime
Rated Engine Speed	RPM	1,800	1,800
Horsepower at Rated kW**	hp	448	403
Piston Speed	ft/min (m/min)	1,950 (594)	1,950 (594)
BMEP	psi (kPa)	227 (1,568)	205 (1,411)

EXHAUST

		Standby/Demand Response	Prime
Exhaust Flow (Rated Output)	scfm (m^3/min)	2,194 (62)	1,958 (55)
Max. Backpressure (Post Silencer)	inHg (kPa)	0.75 (2.54)	0.75 (2.54)
Exhaust Temp (Rated Output - Post Silencer)	°F (°C)	1,415 (768)	1,385 (752)

** Refer to “Emissions Data Sheet” for maximum bHP for EPA and SCAQMD permitting purposes.

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.
Please contact a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, and DIN6271 standards.
Standby - See Bulletin 0187500SSB
Demand Response - See Bulletin 10000018250
Prime - See Bulletin 0187510SSB

SG300 | 14.2L | 300 kW

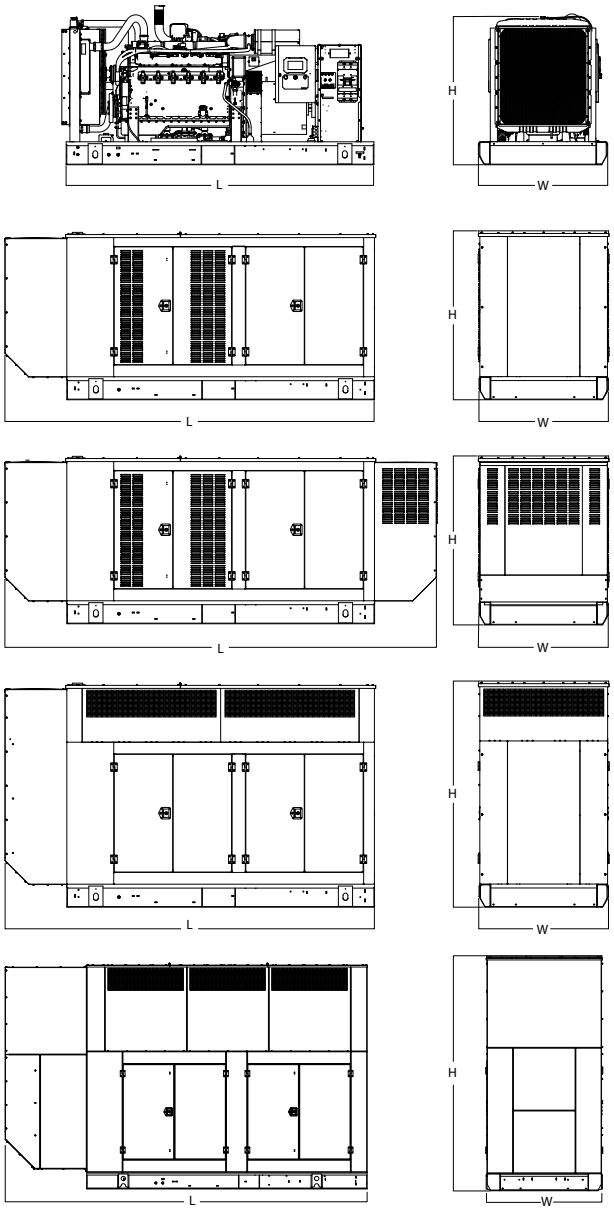
INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary Emergency and Non-Emergency

GENERAC | INDUSTRIAL POWER

DIMENSIONS AND WEIGHTS*

DEMAND RESPONSE READY



OPEN SET (Includes Exhaust Flex)

L x W x H - in (mm)	Minimum Weight - lbs (kg)	Maximum Weight - lbs (kg)
136.0 (3,454) x 57.1 (1,450) x 67.9 (1,725)	6,200 (2,812)	6,587 (2,987)

WEATHER PROTECTED ENCLOSURE

L x W x H - in (mm)	Steel Weight Minimum - lbs (kg)	Steel Weight Maximum - lbs (kg)	Aluminum Weight Minimum - lbs (kg)	Aluminum Weight Maximum - lbs (kg)
174.7 (4,437) x 57.5 (1,461) x 77.8 (1,976)	7,535 (3,417)	7,919 (3,591)	6,978 (3,165)	7,359 (3,337)

LEVEL 1 SOUND ATTENUATED ENCLOSURE

L x W x H - in (mm)	Steel Weight Minimum - lbs (kg)	Steel Weight Maximum - lbs (kg)	Aluminum Weight Minimum - lbs (kg)	Aluminum Weight Maximum - lbs (kg)
200.2 (5,085) x 57.5 (1,461) x 77.8 (1,976)	7,770 (3,524)	8,273 (3,752)	7,176 (3,254)	7,625 (3,458)

LEVEL 2 SOUND ATTENUATED ENCLOSURE

L x W x H - in (mm)	Steel Weight Minimum - lbs (kg)	Steel Weight Maximum - lbs (kg)	Aluminum Weight Minimum - lbs (kg)	Aluminum Weight Maximum - lbs (kg)
180.6 (4,587) x 57.5 (1,461) x 111.3 (2,827)	8,804 (3,993)	9,188 (4,167)	7,423 (3,366)	7,870 (3,569)

LEVEL 3 SOUND ATTENUATED ENCLOSURE

L x W x H - in (mm)	Steel Weight Minimum - lbs (kg)	Steel Weight Maximum - lbs (kg)
207.3 (5,265) x 63.7 (1,618) x 128.9 (3,274)	10,718 (4,861)	11,080 (5,025)

* All measurements are approximate and for estimation purposes only.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

Specification characteristics may change without notice. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings.

SPEC SHEET

Generac Power Systems, Inc. | P.O. Box 8 | Waukesha, WI 53189
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Part No. 10000039053
Rev. C 10/08/19

Power Series Transfer Switch

2,000 – 5,000 Amps

Power Frame Type · Open and Delayed Transition

- Automatic Transfer Switch
- 2,000 – 5,000 A, Up to 600 VAC, 50/60 Hz
- 3 or 4 Poles
- NEMA 1 or 3R
- Open with Inphase and Delayed Transition
- UL 1008 Listed
- CSA C22.2 No. 178 Certified



Image used for illustration purposes only

Codes and Standards

Not all codes and standards apply to all configurations. Contact factory for details.

UL 1008 Listed

CSA C22.2 No. 178 Certified

NFPA 37, 70, 99, 110

NEC 700, 701, 702, 708

NEMA ICS10, MG1, 250, ICS6, AB1

ANSI C62.41

IEC 61000 EMC Testing and Measuring

IBC 2009, CBC 2010, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)

Description

Generac's Power Frame Type Transfer Switch has exceptional 3-cycle withstand and close on ratings along with high speed switching time of < 3 cycles to minimizes the effect of power disturbances. The switching mechanism is enabled for safe manual transfer under load. The Power Frame switch has a standard offering of open transition with inphase or delayed transition with numerous programmable transition timings for transfer and retransfer. With a fully rated 4th pole operating on a common crossbar, the Power Frame switch eliminates the typical problems with a 3-pole overlapping neutral design.

With integral contact wear indication, preventative maintenance can be scheduled when convenient for the user ensuring maximum uptime. System parameters can be uploaded with a USB drive in moments, minimizing installation time.

The control's 4.3 inch color display and mimic bus diagram simplifies programming, routine operation, data presentation, and setting adjustments.The intuitive, grouped data screens along with the supervisory and highly customizable data acquisition allow the user to configure to their needs. Standard features include Modbus® RTU, extensive user customizable input/outputs, 450 event log with capture for the most recent 12 events, with three phase sensing on both sources, plus load for voltage, frequency, sequencing, loss, and unbalance.

Power Series Transfer Switch

2,000 – 5,000 Amps

Power Frame Type · Open and Delayed Transition

STANDARD FEATURES

GENERAL

- High Withstand and Closing Ratings
- Safe Manual Transfer Under Load
- Front Access
- Cable or Bus Entry is Top, Bottom or Both
- Isolated Compartments for Improved Safety
- Mimic Diagram with Source Available and Connected LED Indication
- Event Logging and Recording 450 Time-Stamped Events
- System TEST Pushbutton
- Programmable Plant Exerciser
- Field-Selectable Multi-Tap Transformer Panel Permits Operation on a Wide Range of System Voltages
- Modbus® RTU
- ATC-900 Controller
- Operating Temperature -4 ° to 158 °F (-20 ° to 70 °C)

VOLTAGE AND FREQUENCY SENSING

- Three Phase Under and Over Voltage Sensing on Normal and Emergency Sources, Plus Load
- Under and Over Frequency Sensing on Normal, Emergency and Load
- Three Phase Sequence Sensing for Phase Sensitive Loads
- Three Phase Voltage Unbalance and Loss Sensing

CONTACTS

- Source Available:
  - Source-1 Present, 1-N.O. and 1-N.C.
  - Source-2 Present, 1-N.O. and 1-N.C.
- Switch Position:
  - Source-1 Position, 1-N.O. and 1-N.C.
  - Source-2 Position, 1-N.O. and 1-N.C.

STANDARD CONTROL PARAMETERS AVAILABLE

- Up to 20 Available with Expandable Input/Output Modules

CONTROL INPUTS (4 STANDARD)

- Monitor Mode
- Bypass Timers
- Lockout
- Manual Retransfer On/Off
- Manual Retransfer
- Slave In
- Remote Engine Test
- Preferred Source Selection
- Go to Emergency
- Emergency Inhibit
- Go to Neutral

CONTROL OUTPUTS (4 STANDARD)

- Load Sequence
- Selective Load Shed
- Load Bank Control
- Pre/Post-Transfer
- Pre-Transfer
- User Remote Control
- Source 1 Available (Standard)
- Source 2 Available (Standard)
- Source 1 Connected
- Source 2 Connected
- ATS Not in Automatic
- General Alarm
- ATS in Test
- Engine Test Aborted
- Cooldown in Process
- Engine Start Contact Status
- Generator 1 Start Status
- Generator 2 Start Status
- Emergency Inhibit On

CONFIGURABLE OPTIONS

GENERAL

- Drawout Construction
- Digital Multi-Function Power Quality Metering
- Ethernet Connectivity
- Remote Annunciator Panel with Control
- Remote Multi-Switch Annunciator Panel with Control
- 2 or 4 Position Selector Switch
- Transient Voltage Surge Suppression (TVSS)
- Selectable Retransfer
- Manual Generator Retransfer

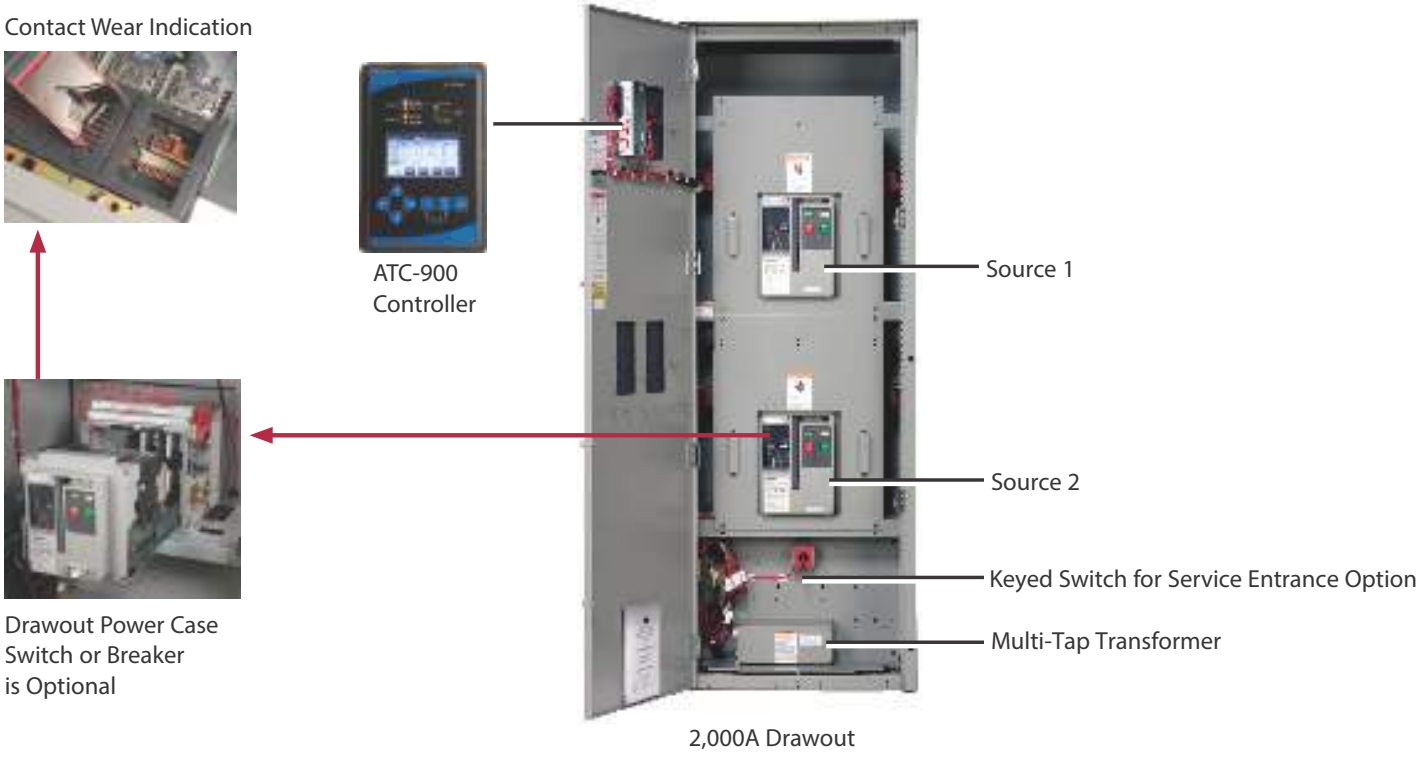
CAM-LOK™ QUICK CONNECT TERMINALS

- Male Receptacle, E1016 Series
- Color Coded to Industry Standard
- Hinged Thermoplastic Covers
- 100% Ground Ampacity

Power Series Transfer Switch

2,000 – 5,000 Amps

Power Frame Type · Open and Delayed Transition



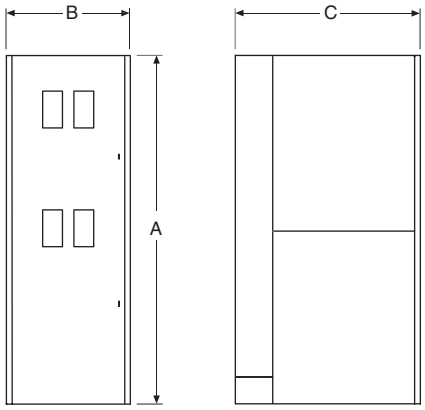
Power Series Transfer Switch

2,000 – 5,000 Amps

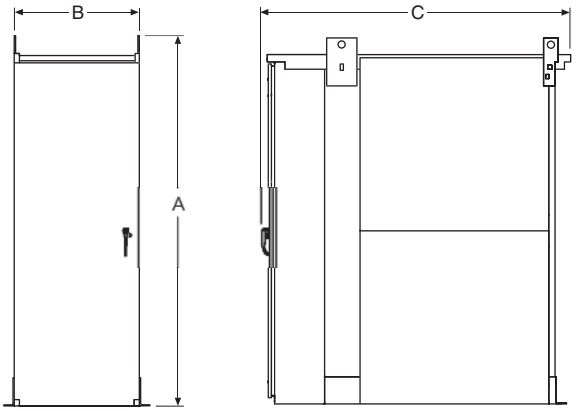
Power Frame Type · Open and Delayed Transition

UNIT DIMENSIONS*

2,000–3,200A Fixed-Mount NEMA 1



2,000–3,200A Fixed-Mount NEMA 3R



Seismic mounting brace adds an additional 3 inches to each side - front, left and front right side, and an additional 3 inches to the rear side.

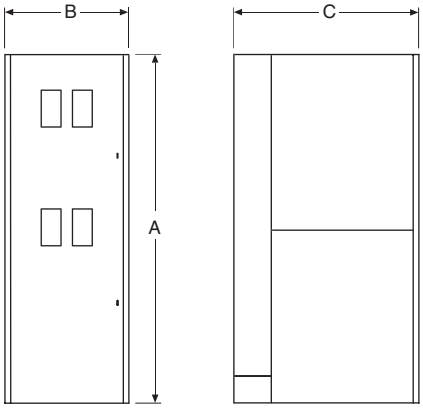
Fixed-Mount Open with Inphase or Delayed Transition

Amperes	Poles	Enclosure Type (NEMA)	in (mm)			Cu/Al		lbs (kg)
			A (Height)	B (Width)	C (Depth)	Load Side, Normal and Standby Source	Neutral Connection	Weight
2,000	3	1	90.0 (2,286)	32.0 (812)	48.0 (1,219)	(6) 1/0-750 MCM	(24) 4/0-500 MCM	1,050 (477)
		3R	90.0 (2,286)	32.0 (812)	63.0 (1,600)	(6) 1/0-750 MCM	(24) 4/0-500 MCM	1,600 (727)
	4	1	90.0 (2,286)	32.0 (812)	48.0 (1,219)	(6) 1/0-750 MCM	–	1,250 (568)
		3R	90.0 (2,286)	32.0 (812)	63.0 (1,600)	(6) 1/0-750 MCM	–	1,800 (818)
2,500 – 3,200	3	1	90.0 (2,286)	44.0 (1,117)	48.0 (1,219)	(9) 1/0-750 MCM	(36) 4/0-500 MCM	1,900 (864)
		3R	90.0 (2,286)	44.0 (1,117)	63.0 (1,600)	(9) 1/0-750 MCM	(36) 4/0-500 MCM	2,400 (1,091)
	4	1	90.0 (2,286)	44.0 (1,117)	48.0 (1,219)	(9) 1/0-750 MCM	–	2,000 (909)
		3R	90.0 (2,286)	44.0 (1,117)	63.0 (1,600)	(9) 1/0-750 MCM	–	2,500 (1,136)

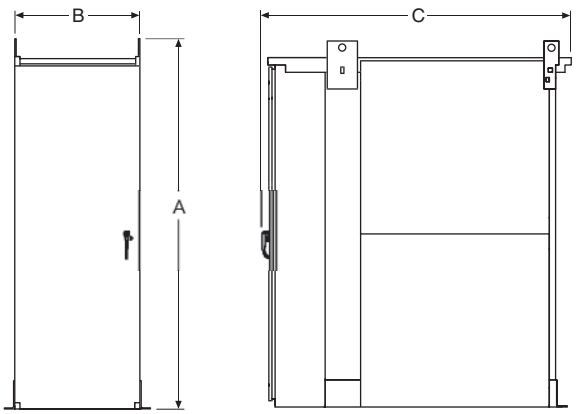
* All measurements are approximate and for estimation purposes only. Specification characteristics may change without notice. Contact a Generac Power Systems Industrial Dealer for detailed installation drawings. Contact factory for dimensions on Cam-Lok™ option switches.

UNIT DIMENSIONS*

2,000–3,200A Drawout NEMA 1



2,000–3,200A Drawout NEMA 3R



Seismic mounting brace adds an additional 3 inches to each side - front left and front right side and 3 inches additional to rear side

Drawout Open with Inphase or Delayed Transition

Amperes	Poles	Enclosure Type (NEMA)	in (mm)			Cu/Al		lbs (kg)
			A (Height)	B (Width)	C (Depth)	Load Side, Normal and Standby Source	Neutral Connection	Weight
2,000	3	1	90.0 (2,286)	32.0 (812)	60.0 (1,524)	(6) 1/0-750 MCM	(24) 4/0-500 MCM	1,600 (727)
		3R	90.0 (2,286)	32.0 (812)	75.0 (1,905)	(6) 1/0-750 MCM	(24) 4/0-500 MCM	2,100 (955)
	4	1	90.0 (2,286)	32.0 (812)	60.0 (1,524)	(6) 1/0-750 MCM	–	1,900 (864)
		3R	90.0 (2,286)	32.0 (812)	75.0 (1,905)	(6) 1/0-750 MCM	–	2,400 (1,091)
2,500 – 3,200	3	1	90.0 (2,286)	44.0 (1,117)	60.0 (1,524)	(9) 1/0-750 MCM	(36) 4/0-500 MCM	2,500 (1,136)
		3R	90.0 (2,286)	44.0 (1,117)	75.0 (1,905)	(9) 1/0-750 MCM	(36) 4/0-500 MCM	3,000 (1,364)
	4	1	90.0 (2,286)	44.0 (1,117)	60.0 (1,524)	(9) 1/0-750 MCM	–	2,800 (1,273)
		3R	90.0 (2,286)	44.0 (1,117)	75.0 (1,905)	(9) 1/0-750 MCM	–	3,300 (1,500)

For 4,000 and 5,000 A dimensions, please contact factory

[3] UL 1008 Withstand and Closing Ratings

Ampere Rating	Rating When Used with Upstream Circuit Breaker	
	3 Cycle 600 V (kA)	30 Cycle[2] 600 V (kA)
2,000	100	85
2,500	100	85
3,000	100	85
3,200	100	85
4,000	100	85
5,000	–	85[1]

[1] UL 1066 short-time withstand rating

[2] Ratings used for coordination with upstream breakers with short-time ratings

* All measurements are approximate and for estimation purposes only. Specification characteristics may change without notice. Contact a Generac Power Systems Industrial Dealer for detailed installation drawings. Contact factory for dimensions on Cam-Lok™ option switches.

Generac Power Systems, Inc. | P.O. Box 8 | Waukesha, WI 53189

P: (262) 544-4811

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Part No. 0192650SBY

Rev. F 09/07/2022

Matthew Woolman <matthew.woolman@gilroyunified.org>

Invoice from Plumbing America (with Photos)

3h

1 message

Carly Thompson <carly@plumbingamerica.com> Fri, Nov 17, 2023 at 3:47 PM
To: "natasha.perales@gilroyunified.org" <natasha.perales@gilroyunified.org>
Cc: "matthew.woolman@gilroyunified.org" <matthew.woolman@gilroyunified.org>

Plumbing America, Inc.

Invoice *Due:12/17/2023*
111623.1

Amount Due: $9,293.17

Dear Customer :

Your invoice is attached. Please remit payment at your earliest convenience.

Thank you for your business - we appreciate it very much.

Sincerely,

Plumbing America


PLUMBING AMERICA


PLUMBING


11/10/2023 11:57:51 AM
87.3FT


11/10/2023 11:58:10 AM
83.5FT


11/10/2023 11:58:50 AM
72.1FT
No job selected!


11/10/2023 11:59:10 AM
61.7FT
No job selected!


11/10/2023 12:01:01 PM
52.6FT


11/10/2023 12:01:13 PM
47.6FT
No job selected!

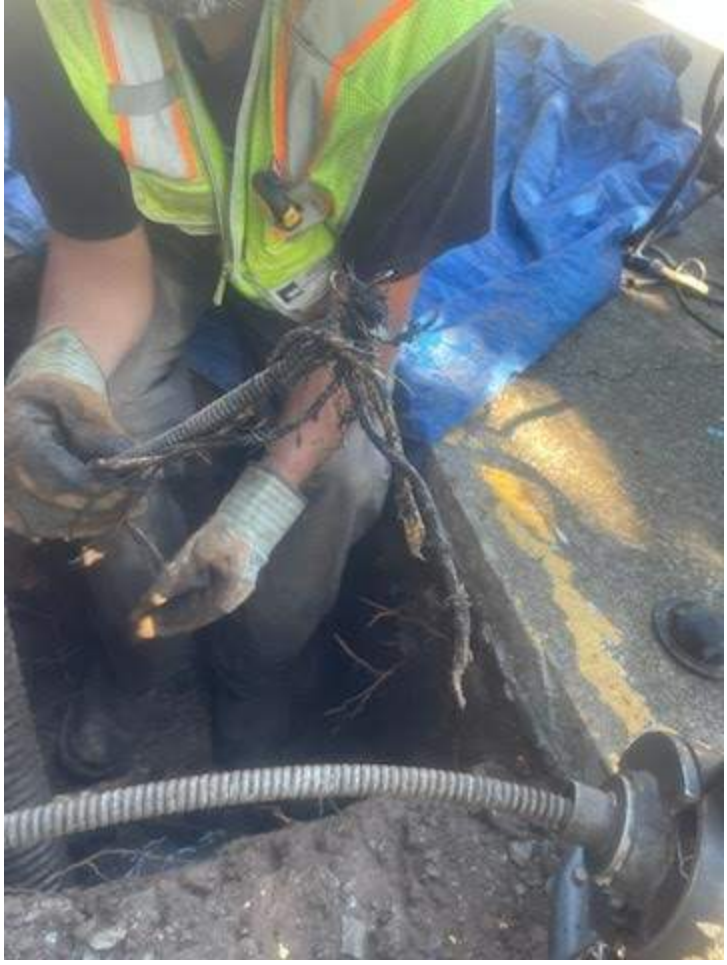

11/10/2023 12:02:07 PM
10.8FT


11/10/2023 01:18:27 PM
35.2FT
No job selected!


11/10/2023 11:38:50 AM
8.4FT
No job selected!













Inv_111623.1_from_Plumbing_America_Inc._28060.pdf
90K

BJG Construction
Lic # 1100803
Phone # 831-222-0465
Email: Info@bjgcontractors.com
11/15/2023

Christopher High School Electrical Inspection

BJG Construction completed an electrical Inspection on the E Building Electrical Room at Christopher High. The inspection was initiated after the Main 1200 Amp Breaker was Tripped during operating hours. The Issue was indicated as a ground Fault. We verified proper termination and grounding of the electrical system. There were no visible arc marks in any of the enclosures. There were no temperatures above 90F measured at any of the enclosures. All measured feeder amperages were well under the breaker settings. No noticeable Hot spots via thermal camera.

We recommend a full switchgear cleaning, inspection and breaker testing which will require a 8 hour shut off to the entire E building.

The following Items were completed to verify proper grounding and life safety.

- Opened all panels, lighting control panels, and gutters.
- Performed visual inspection- checked for burn marks from electrical arcs, loose wiring, and other problems.
- Inspected all electrical Panels with Forward Looking InfraRed (Thermal) Camera looking for Hot spots, potential ground faults, Arcing etc.
- Torqued all ground and grounded/neutral conductors to Equipment Specifications
- Took amperage measurements at panel feeder conductors via ammeter

Problems observed:

- The display screen at the 2nd floor wattstopper lighting control panel is inoperable and was making a high pitched noise.
- Panel LE2 section 3 has a surge suppression device with a purposely disconnected equipment ground.
- Panel DLE either needs more grounded/neutral conductors pulled with the branch circuits or breaker ties at the breaker handles. There are 5 ungrounded/hot conductors and only 2 grounded/neutral conductors. This can cause an imbalance in loads and cause the neutral wire to carry current. Not complaint to NEC Standards

BJG Construction
Lic # 1100803
Phone # 831-222-0465
Email: Info@bjgcontractors.com
11/15/2023

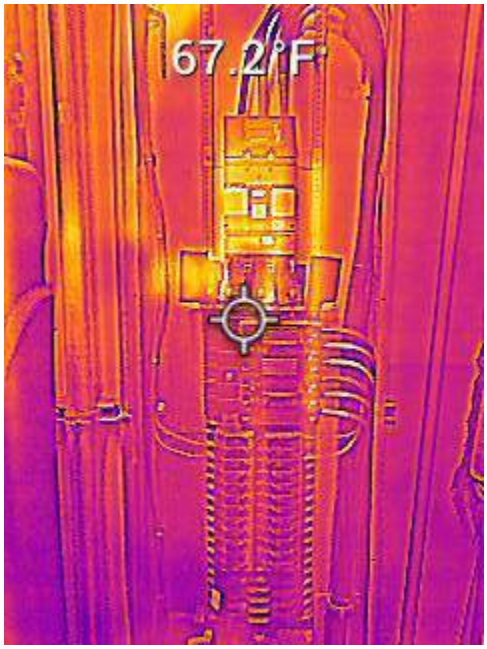
Feeder Panel Current Draw

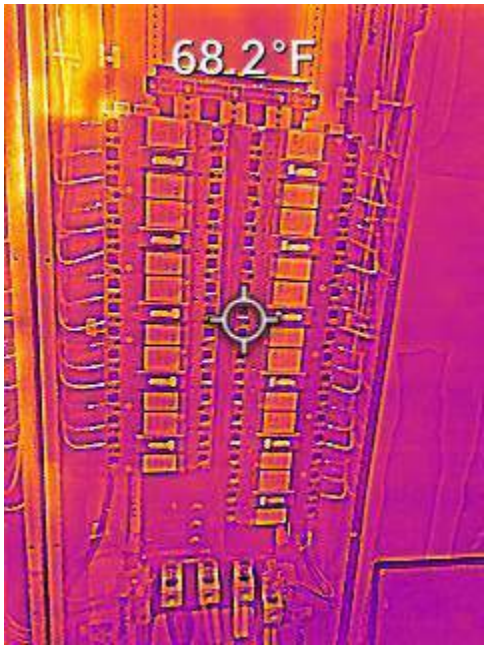
Panels	A phase	B phase	C phase
HE1	24.9	14.6	13.7
LE1	11.6	51.8	18.3
DLE*	0	0	0
HE4	44.6	44	43.3
HE2	20	23.2	16.7
LE2	19.5	55.7	24.8
HE3	28.5	27.4	22.3
Totals	149.1	216.7	139.1

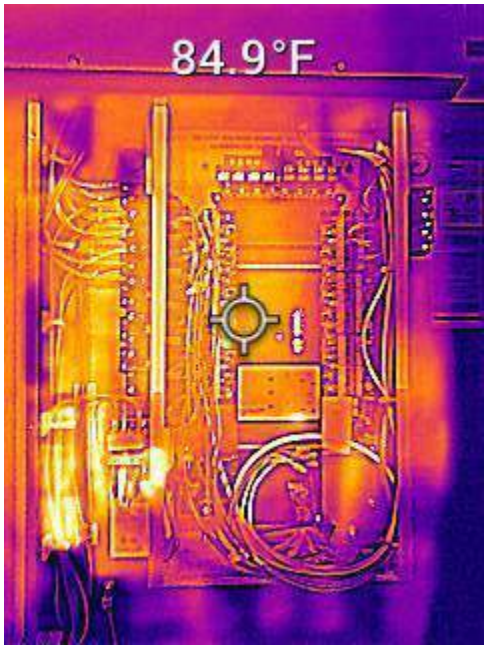
*Panel DLE contains exterior lighting circuits which are only energized at night.

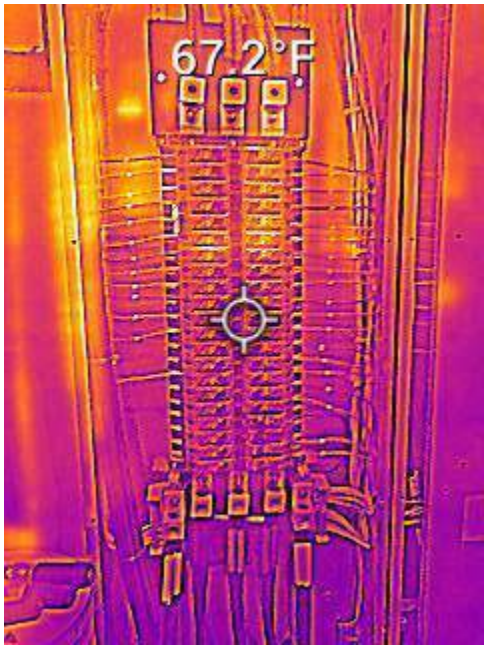
Provided Below are FLIR images of each panel in the electrical room

BJG Construction
Lic # 1100803
Phone # 831-222-0465
Email: Info@bjgcontractors.com
11/15/2023

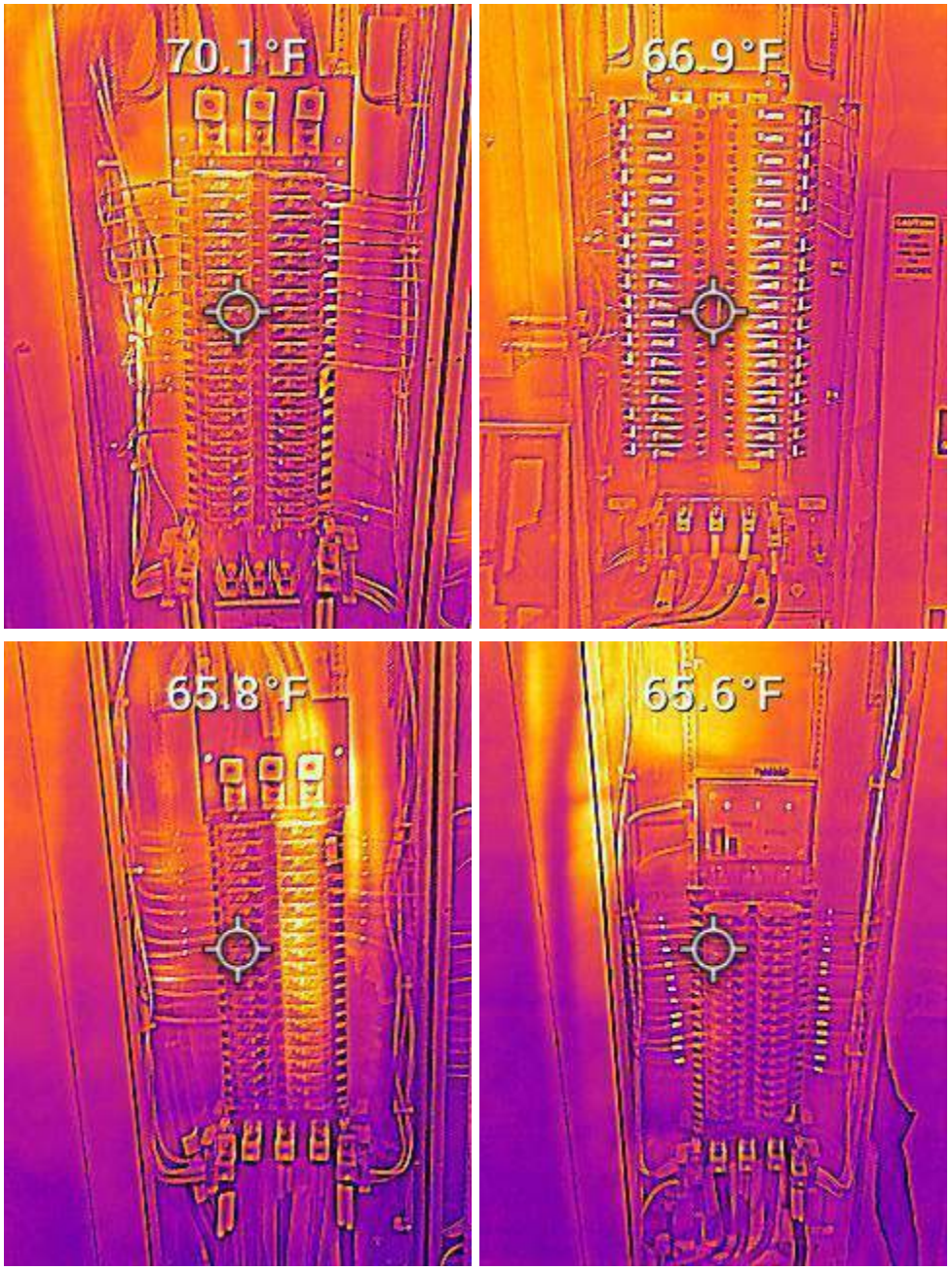




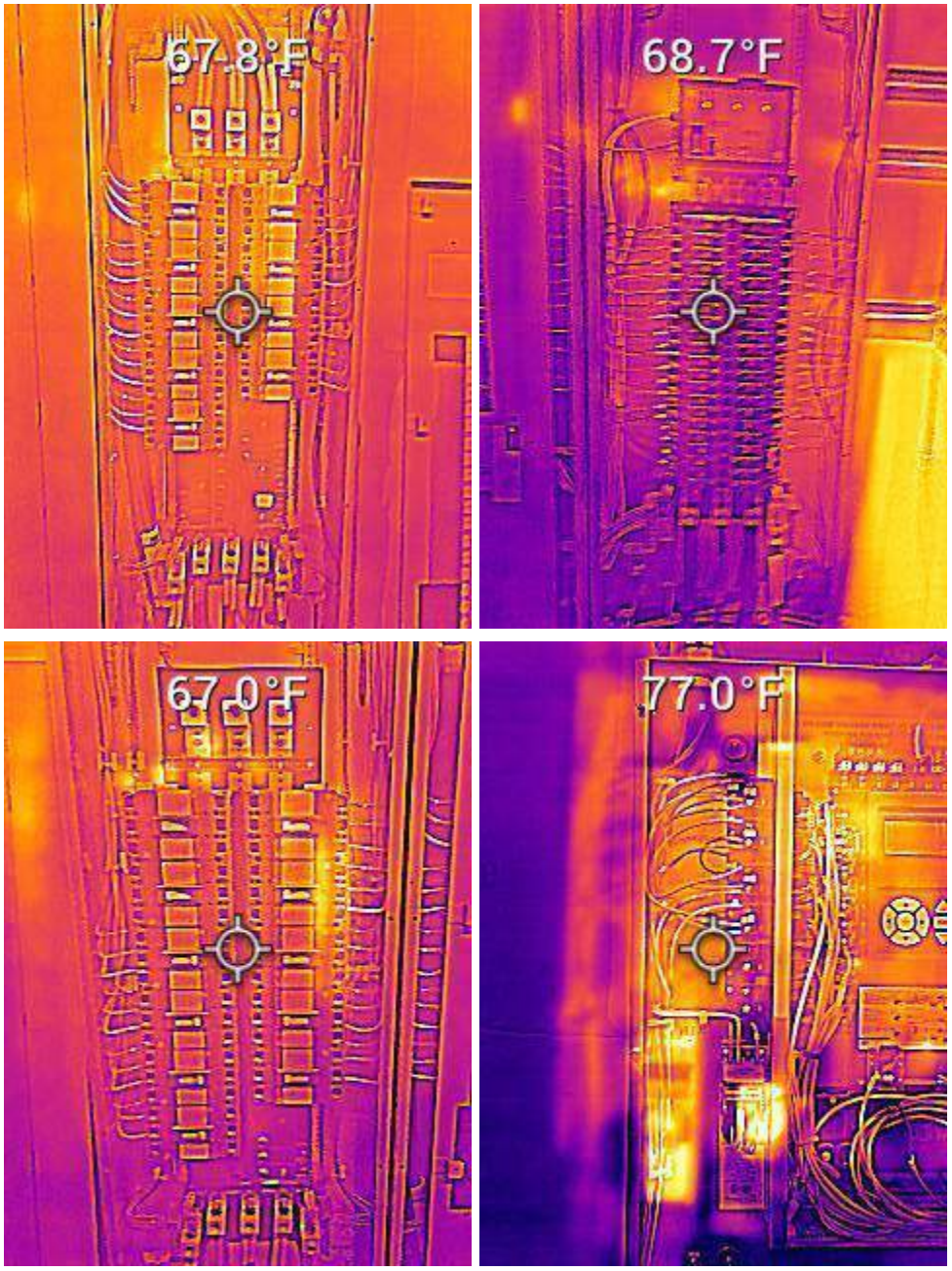




BJG Construction
Lic # 1100803
Phone # 831-222-0465
Email: Info@bjgcontractors.com
11/15/2023



BJG Construction
Lic # 1100803
Phone # 831-222-0465
Email: Info@bjgcontractors.com
11/15/2023



GHS - Fire Panel Failure.

4 messages

3m

Matthew Woolman <matthew.woolman@gilroyunified.org> Thu, Nov 30, 2023 at 1:37 PM
To: Anisha Munshi <anisha.munshi@gilroyunified.org>, Alvaro Meza <alvaro.meza@gilroyunified.org>, Melanie Corona <melanie.corona@gilroyunified.org>, Lucy Huerta <lucy.huerta@gilroyunified.org>, Natalie Martinez <natalie.martinez@gilroyunified.org>
Cc: Natasha Perales <natasha.perales@gilroyunified.org>, Aurelio Rodriguez <aurelio.rodriguez@gilroyunified.org>, Patricia Cattoor <patricia.cattoor@gilroyunified.org>, Mary Ann Clements <maryann.clements@gilroyunified.org>, Greg Kapaku <greg.kapaku@gilroyunified.org>, Jeremiah Brantner <jeremiah.brantner@gilroyunified.org>

Hello Everyone,

I wanted to make sure everyone was in the loop with our current situation at Gilroy High School.

This morning we had a catastrophic failure of our main fire panel and currently have the system turned off. Due to this unfortunate situation we currently have an outside security company on fire watch from 3pm to 6am Monday through Friday and 24 hours a day Friday 3pm through Monday at 6am. We will maintain this schedule for fire watch till the system is back up and working properly. Custodial and office staff will be acting as fire watch from 6am to 3pm Monday through Friday while school is in session, holidays and vacation will be 24 hours a day by the security company. I also have recommended reducing the amount of open bathrooms and have staff periodically checking the open restrooms throughout the day because the bathrooms could possibly be a hidden problem area.

Equipment Replacement:
Per the replacement and timeline of the equipment. I am currently waiting on an update from Johnson Controls to confirm equipment availability and provide a timeline for the replacement. Once I have this information I will update everyone, at this time my best guess is we are one to three weeks out for procurement of the equipment and another week for installation, with any luck we will be up and running by the time everyone comes back from the Christmas Holiday.

Kitchen impact:
Patty Cattoor has been updated and will relay our current situation and fire watch procedure info to her staff. Please note the Ansul fire system in the kitchen will still function as normal, we just do not have the system to sound the school horns and strobes and to call the fire department. The same goes for the building fire sprinklers, all systems will work as designed. We are just unable to activate the horns and strobes and call out to the fire department.

Fire watch process:

1. If smoke or fire is found Call 911
2. Notify building occupants and front office
3. Announce fire drill over loudspeakers and proceed with fire drill clearing procedures
4. Notify Maintenance
5. Wait till buildings have been cleared and deemed safe by the Fire Department for reentry.

3pm Today 11/30 - Allied was on site for fire watch.

The Gilroy Police and Fire department has also been notified of our current situation.

--

Thanks

Matt Woolman

Director of Facilities, Operations & Maintenance

Gilroy Unified School District

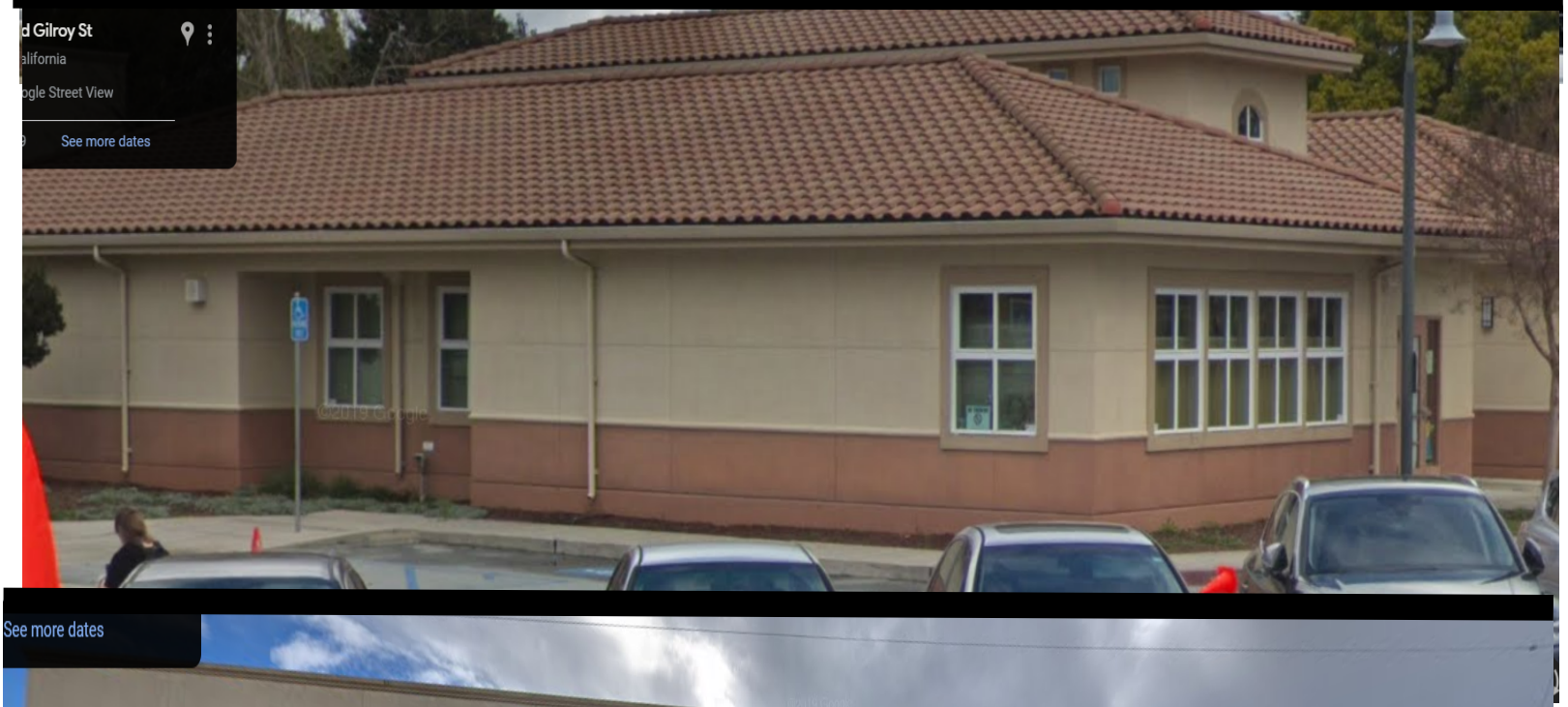
220 Swanston Lane

Gilroy, CA 95020

Matthew.Woolman@gilroyunified.org

(669) 205-7940 Office


3n


d Gilroy St
alifornia
ogle Street View
See more dates


See more dates

QOVO SOLUTIONS INC.

We have prepared a quote for you

GUSD - Brownell Middle School Alarm

Quote # NK005378
Version 3

Prepared for:

Gilroy Unified School District

Alvaro Meza
aurelio.rodriguez@gilroyunified.org

- *WIRELESS*
- *MANAGED SERVICES*
- *VIDEO SURVEILLANCE*

Friday, December 01, 2023

Gilroy Unified School District
Alvaro Meza
7800 Carmel Street
Gilroy, CA 95020
aurelio.rodriguez@gilroyunified.org

Dear Alvaro,

We are thrilled to present this comprehensive proposal. At QOVO, we firmly believe that our customers are the driving force behind our success, and we take immense pride in serving their needs.

Outlined below is the scope of our proposal:

1. **Installation of Verkada Alarm System:** This proposal includes the installation of Verkada Alarm systems at Brownell Middle School, as requested by Aurelio Rodriguez. Our team will handle the complete setup process, from mounting and configuring the alarms to installing the necessary sensors, such as door contacts, motion sensors, and glass break detectors, where needed. Please refer to the attached map to provide a visual representation of the alarm locations and corresponding doors.
2. **Client Responsibilities**: Brownell Middle School will be responsible for providing QOVO Solutions with network switch ports to ensure seamless integration of the alarm systems into your existing network infrastructure. We will collaborate closely with your IT department to facilitate a smooth and efficient installation process.
3. **Ongoing Maintenance:** We highly recommend our ongoing maintenance package, which includes labor costs for potential alarm replacements and quarterly as-needed cleanings. This proactive approach ensures the longevity and optimal performance of your alarm system. We offer flexible maintenance plans, allowing you to choose from monthly, quarterly, or yearly options based on your specific requirements. Moreover, our team will provide ongoing technical support to promptly address any questions or concerns you may have regarding your security system.

As an approved CMAS vendor, QOVO Solutions, Inc. offers CMAS-approved hardware and services. All pricing will be at the agreed CMAS rates, ensuring cost-effectiveness and transparency.

We appreciate the opportunity to present this proposal and demonstrate our commitment to meeting your security needs. QOVO Solutions, Inc. looks forward to delivering a cutting-edge security solution backed by our expertise, professionalism, and dedication to customer satisfaction

Please do not hesitate to contact us if you have any questions or require further clarification.

Sincerely,

All work products included in this proposal and any related documents, diagrams, or communications are confidential and are considered the work product of QOVO Solutions, Inc, as such that cannot be distributed outside of the intended organization without the explicit approval of the executive management team at QOVO Solutions, Inc. Any use of our work product will result in an immediate reimbursement to QOVO Solutions, Inc. of no less than $3,500.00 and not to exceed $10,000.00.

Unless otherwise specified in this proposal, the labor and services included in the proposal are not proposed at a prevailing wage rate. In the event the project is subject to prevailing wage or public work guidelines, then it is incumbent on the awarding body to provide the prevailing wage determination and DIR numbers per state and federal guidelines.

Nick Kygar
Sales
Headquarters

VERKADA ALARM HARDWARE

Line#	Qty	Description	
1.1	13	BH61-HW 	**Verkada BH61 Wireless Alarm Hub North America**
1.2	13	ACC-CEL-LTE 	**BL51 Cellular Backup Module**
1.3	40	BR31-HW 	**Verkada BR31 Wireless Door Sensor** Verkada BR31 Wireless Door Sensor
1.4	46	BR32-HW 	**Verkada BR32 Wireless Motion Sensor**
1.5	1	BR34-HW 	**Verkada BR34 Wireless Glass Break Sensor**
1.6	13	IC1078F6WH 	**ICC Cat 6 HD Modular Connector, White** ICC Cat 6 HD Modular Connector, White - 1 x RJ-45 Female - Black
1.7	13	PCSL04-black 	**Cat 6 Molded Patch Cord 4'** Category 6 for Network Device - Patch Cable - 3 ft - 25 Pack - 1 x RJ-45 Male Network - 1 x RJ-45 Male Network - Gold Plated Contact - Blue
1.8	13	202010J 	**RJ45 Pass through Connector**
1.9	3	0E-CAT6PWH 	**Plenum - Cat6 4 pair UTP ethernet cable WHT BOX** 23/4 C6 CMP/FT6 WHT 1M RL/BOX

VERKADA ALARM HARDWARE

Line#	Qty	Description

Subtotal:	**$20,333.06**
Estimated Tax:	**$1,855.42**

VERKADA LICENSING & MFR. SUPPORT

Line#	Qty	Description	
2.1	1	LIC-BA-5Y 	**5-Year Alarm Standard License** Includes professional monitoring with video verification, up to 100 events/month
2.2	13	LIC-CEL-5Y 	**Verkada 5 -Year Cellular Backup License**

Subtotal:	**$18,744.15**

QOVO PROFESSIONAL SERVICES HOURLY

Line#	Qty	Description	
3.1	5	PS-MGMT 	**QOVO Solutions Project managment** Project management
3.2	5	PS-TRIP 	**Truck roll and gas** Costs for travel expenses of the Network specialist.

QOVO PROFESSIONAL SERVICES HOURLY

Line#	Qty	Description	
3.3	40	PS-AL-HR	**Alarm installation work** **Alarm - Wire Placement** · Console · Door Position Indicator · Motion Sensor · Glass Break Detector · Alarm Horn · Pulling a CAT network cable 22/4 accessory cable from MDF or IDF to end device · This includes hanging with j-Hooks and mounting cable above drop tile ceiling · Install wire paths (hooks) · Termination of cable end · Clean and tidy cable dressings and fixings (zip ties, Velcro, Tape) · Penetrate interior wall or ceilings · Run Wire above ceiling tile or crawl space or open ceilings or trough single open bay · Install fire caulk and proper penetration on fire rated walls · Test wire · Wire concealment · Labeling **Programing** · Configuration and set up of alarm devices such as alarm panels, alarm consoles, and wireless hubs. **Accessory Installation** · Door position indicators · Motion Sensors · Glass Break Detectors

Subtotal: **$22,275.00**

NOTES

Line#	Qty	Description	
4.1	1	Note	**Terms and Conditions Taxes, shipping, handling and other fee** Terms and Conditions Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors. All orders paid by Credit Card will incur and 3% handling and convenience fee.
4.2	1	Note	Please note that the proposed system needs to have a Basic High Speed Internet to configure, control to be functional. This allows for remote monitoring and visibility to the camera system. The cloud model is to remove the need for a local DVR/Machine that draws power and requires maintenance and updates. The High Speed internet can be shared with other facility uses such as Access Control Systems and other shared services.

NOTES

Line#	Qty	Description
4.3	1	Note Pricing in this proposal is based on the proposed quantity and scope of work. In the event that the proposed quantities change the proposed pricing will be adjusted to reflect the revised quantities and scope of work. Discounts in this proposal as based on the proposed hardware and licensing quantities. QOVO retains the right to adjust discounts as quantities on hardware and licensing items change.
4.4	1	Exclusion Qovo Solutions Inc is not providing high speed internet or managed services unless otherwise noted with in this quote.
4.5	6	Note - IDF Power Each MDF/IDF location will need access to 1 power outlet
4.6	1	Exclusion 110volt Pwr All 110volt power in each MPOE closets are to be provided by electrical contractor.
4.7	1	Exclusion - Conduit Pathways Conduit Pathways if required need to be provided by Electrical contractor.
4.8	1	Note This proposal including all elements, diagrams, documents, and communications are considered the proprietary work product of QOVO Solutions, Inc. Any dissemination of these documents beyond the intended recipients and related entities will be considered a violation of a confidentiality agreement and any items related to this proposal cannot be disclosed to any third party without the express written permission of QOVO Solutions, inc.
4.9	1	Note **QOVO Solutions will use existing cabling pathways. If pathwa** QOVO Solutions will use existing cabling pathways. If pathways are unusable there may be additional cost to the customer.
4.10	1	Note The client is responsible for providing network switch ports with PoE and DHCP

NOTES

Line#	Qty	Description
4.11	1	Note QOVO Solutions Inc is not contracting for alarm monitoring services. All alarm monitoring is being performed by Verkada and related subsidiaries. As such, QOVO Solutions Inc is not including Alarm response services as part of this proposal, and all alarm response services will be at a rate of $365 per hour from the time leaving QOVO Solutions Head Quarters.

SHIPPING

Line#	Qty	Description
5.1	1	UPS-GROUND **UPS Ground** Estimated shipping UPS Ground

Subtotal: **$480.00**

- *WIRELESS*
- *MANAGED SERVICES*
- *VIDEO SURVEILLANCE*

GUSD - Brownell Middle School Alarm



Prepared by:

Headquarters

Nick Kygar
844-768-6462
Fax 408-877-1606
nick@qovoinc.com

Prepared for:

Gilroy Unified School District

7800 Carmel Street
Gilroy, CA 95020
Alvaro Meza
(669) 205-4050
aurelio.rodriguez@gilroyunified.org

Quote Information:

Quote #: NK005378

Version: 3
Delivery Date: 11/30/2023
Expiration Date: 12/29/2023

Quote Summary

Description	Amount
VERKADA ALARM HARDWARE	$20,333.06
VERKADA LICENSING & MFR. SUPPORT	$18,744.15
QOVO PROFESSIONAL SERVICES HOURLY	$22,275.00

Subtotal:	**$61,352.21**
Shipping:	**$480.00**
Estimated Tax:	**$1,855.42**
Total:	**$63,687.63**

Payment Details

Description	Payments	Interval	Amount
Hardware / Licensing			
Hardware / Licensing Billed Upon Deliver	1	One-Time	$40,932.63
Progress Billing			
Progress Billing @ 100% Completion	1	One-Time	$22,275.00

- *WIRELESS*
- *MANAGED SERVICES*
- *VIDEO SURVEILLANCE*

TERMS AND CONDITIONS
PRICING:
Quote is valid for 30 days from issuance.
PAYMENT TERMS: Net 30
Taxes, shipping, handling and other fees may apply, actual amounts will be provided upon invoicing. Unless otherwise agreed in writing by QOVO Solutions Inc. all invoices are payable with twenty-one (21) days of the date of invoice. All hardware, software, and/or manufacturer related services will be invoiced upon shipment from the manufacturer. We reserve the right to cancel orders arising from pricing or other errors.
LATE PAYMENT POLICY:
Penalties will be applied to all late payment of 3% of the outstanding value.
PURCHASE ORDERS:
In the event your company does not issue Purchase Orders (PO), please utilize the signature option below. Your signature below is considered equivalent to your signed Purchase Order. With your acceptance, you are also signing and agreeing to the purchase of the products and services included and the terms and conditions of this quote. If you have any questions, please contact your sales representative directly.
COMMUNICATIONS:
The information contained in this transmission may be confidential. Any disclosure, copying, or further distribution of confidential information is not permitted unless such privilege is explicitly granted in writing by QOVO Solutions, Inc.(QSI). QSI reserves the right to have electronic communications, including email and attachments, sent across its networks filtered through anti-virus and spam software programs and retain such messages in order to comply with applicable data security and retention requirements. QSI is not responsible for the proper and complete transmission of the substance of this communication or for any delay in its receipt.

Headquarters

Signature: 

Name: Nick Kygar

Title: Sales

Date: 11/30/2023

Gilroy Unified School District

Signature:

Name: Alvaro Meza

Date:

EAGL TECHNOLOGY, INC. ESTIMATE

Estimate # 200401
Date: 10/10/2023

EAGL Account Rep:

Customer: Gilroy Unified School District
Contact: Auriello Rodriguez
Phone #: 669-205-4065
Email: aurelio.rodriguez@gilroyunified.org

Integrator:
Job Site: Christopher High School
Job Address: 850 Day Drive
Gilroy, CA 95020

Deployment Summary:

The following quote is for a STANDARD OUTDOOR EAGL System to be deployed at Christopher High School located in Gilroy, CA. Coverage areas include the outdoor football field, baseball fields, tennis corts and parking lots. Please see attached map(s) for coverage.

This quote will use the Cloud Server Subscription from the Gilroy High School quote.

Please note: For optimum outdoor coverage, the DragonFly EX must be mounted on 30' pole.

Enhancement Function Modules Included:

Subscription Services Included:

Cost Summary:

	Hardware Total	*Recurring Total*
Cloud Server System	**$8,900.00**	**$191.67**

We encourage walking the proposed deployment on-site with the customer to clarify any additional coverage and/or to identify areas needing design changes due to architectural differences between actual observations and supplied print(s). Pricing AND deployment are dependent upon supplied prints and/or specifications and are subject to change due to equipment additions, changes and/or modifications.

Quote pricing is guaranteed for 90 days. Pricing subject to change and does not include shipping or applicable federal, state, local sales or excise taxes.

4.50

EAGL QUOTE SHEET - CLOUD SERVER

Part Id	Description	Price	Qty	TOTALS
Server				
Sensors				
DYIOTEX	DragonFly® Extreme IoT - Non-Standard battery operated	2,200.00	4	8,800.00
SFDYPM	DragonFly® Pole Mount	25.00	4	100.00
Enhancement Function Modules				
Misc. Hardware				
Ancillary				
Applicable Discounts				

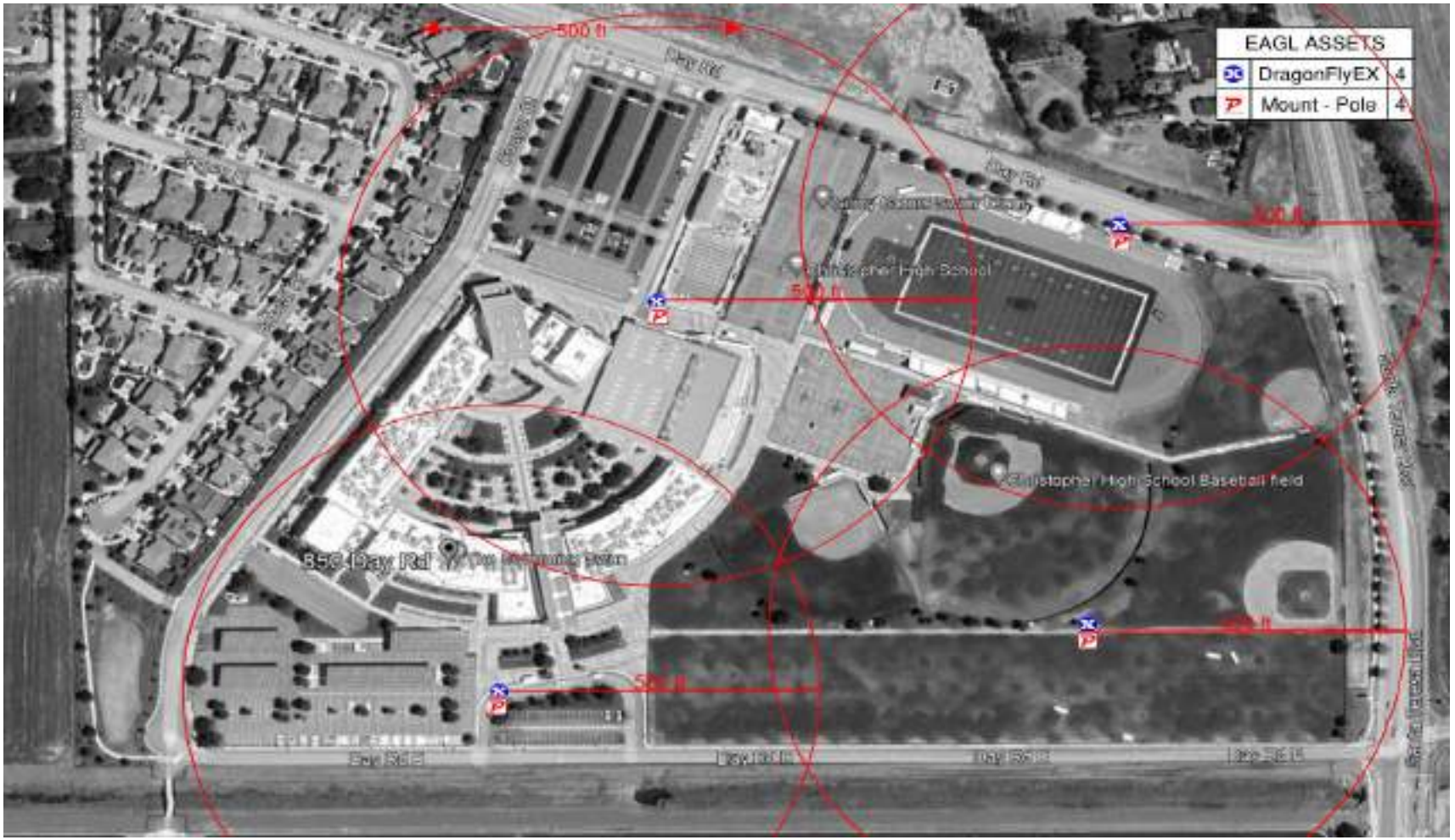
Hardware, Software, Services TOTAL: $8,900.00

EAGL QUOTE SHEET - LOCAL SERVER *continued*

Monthly Licensing & Subscription Costs				
Licensing				
EAGLALIOT	EAGL Annual Licensing DragonFly IoT	12.92	4	51.67
			Monthly Licensing Total:	**51.67**
Cloud Subscription				
EAGLSaaS-T1	Tier 1 Subscription - $ / Month / Device	35.00	4	**140.00**
			Total Monthly Costs:	**$191.67**

Notes

Deployment Maps



EAGL TECHNOLOGY, INC. ESTIMATE

Estimate # 200400
Date: 10/10/2023

EAGL Account Rep: **Scott Seidler** **PHONE: 973 291-8227** **EMAIL: sseidler@eagltechnology.com**

Customer: Gilroy Unified School District
Contact: Aurielo Rodriguez
Phone #: 669-205-4065
Email: aurelio.rodriquez@gilroyunified.org

Integrator:
Job Site: Gilroy High School
Job Address: 750 West 10th Street
Gilroy, CA 95020

Deployment Summary:

The following quote is for a STANDARD OUTDOOR EAGL System to be deployed at Gilroy High School located in Gilroy, CA. Coverage areas include the outdoor football field, baseball fields, tennis corts and parking lots. Please see attached map(s) for coverage.

This quote is for a Cloud Server Subscription with 3 year agreement.

Please note: For optimum outdoor coverage, the DragonFly EX must be mounted on 30' pole.

Enhancement Function Modules Included:

Subscription Services Included: EAGL e911 Automatic Regional Dispatch Service

Cost Summary:

	Hardware Total	*Recurring Total*
Cloud Server System	**$11,625.00**	**$299.58**

We encourage walking the proposed deployment on-site with the customer to clarify any additional coverage and/or to identify areas needing design changes due to architectural differences between actual observations and supplied print(s). Pricing AND deployment are dependent upon supplied prints and/or specifications and are subject to change due to equipment additions, changes and/or modifications.

Quote pricing is guaranteed for 90 days. Pricing subject to change and does not include shipping or applicable federal, state, local sales or excise taxes.

4.50

EAGL QUOTE SHEET - CLOUD SERVER

Part Id	Description	Price	Qty	TOTALS
Server				
EAGLC0011	EAGL Server Cloud-Based	0.00	1	0.00
Sensors				
DYIOTEX	DragonFly® Extreme IoT - Non-Standard battery operated	2,200.00	5	11,000.00
SFDYPM	DragonFly® Pole Mount	25.00	5	125.00
Enhancement Function Modules				
Misc. Hardware				
Ancillary				
SETUPCHG	Software as a Service Account Setup Charge	500	1	500.00
Applicable Discounts				

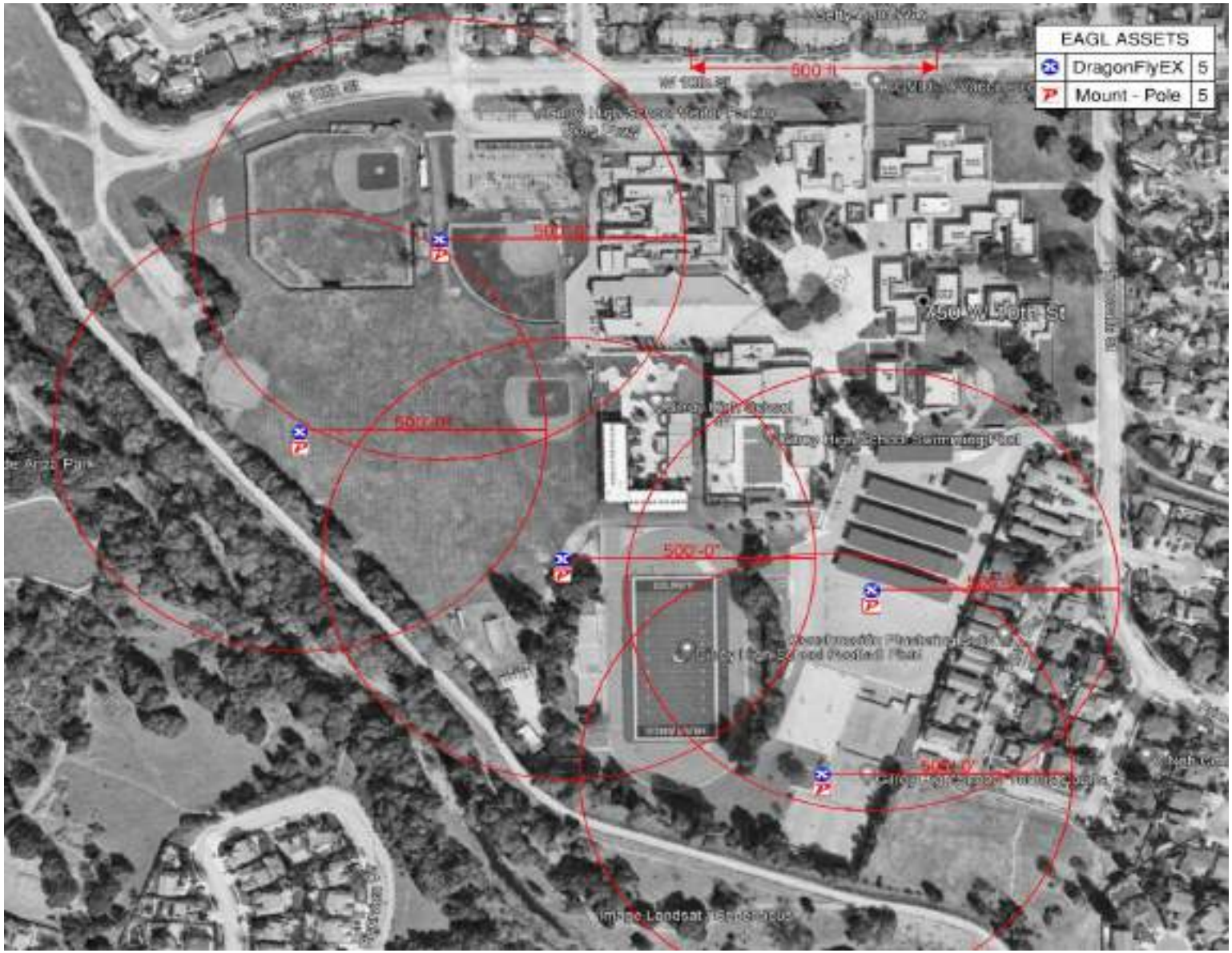
Hardware, Software, Services TOTAL: $11,625.00

EAGL QUOTE SHEET - LOCAL SERVER *continued*

Monthly Licensing & Subscription Costs				
Licensing				
EAGLALIOT	EAGL Annual Licensing DragonFly IoT	12.92	5	64.58
			Monthly Licensing Total:	**64.58**
Cloud Subscription				
EAGLSaaS-T1	Tier 1 Subscription - $ / Month / Device	35.00	5	**175.00**
e911 Subscription	Automatic Notification to Regional 911 Dispatch Center	60.00	1	60.00
			Total Monthly Costs:	**$299.58**

Notes

Deployment Maps



QOVO SOLUTIONS INC.

We have prepared a quote for you

GUSD - Access Control for Rear Entry door at Conference Room

Quote # Q-GG005534
Version 2

Prepared for:

Gilroy Unified School District

Aurelio Rodriguez
aurelio.rodriguez@gilroyunified.org

- *WIRELESS*
- *MANAGED SERVICES*
- *VIDEO SURVEILLANCE*

Monday, December 04, 2023

Gilroy Unified School District
Aurelio Rodriguez
7810 Arroyo Circle
Gilroy, CA 95020
aurelio.rodriguez@gilroyunified.org

Dear Aurelio,

QOVO Solutions, Inc. is pleased to present this proposal for hardware and services as requested. We pride ourselves on the quality and simplicity of the solutions that we deliver, and our company was founded on the philosophy that the customer makes the business.

This proposal is presented without a prior site survey. The proposal cannot be considered final until a site survey has been performed, and all pricing is considered budgetary until the final site survey is completed.

The following is included in this proposal:

Access control for rear entry doors at Migrant Education.
Power will be pulled from above the ceiling and a power supply installed to power the door and door hardware. A 110V outlet will be installed above the door.
Includes cabling, lock hardware and closures.

This section of the proposal should include a detailed explanation of what the work will entail.

Also included are all video surveillance cameras, mounting hardware, wiring, licensing, and installation, including configuration and customer hand-off with documentation and training as proposed with optional additional items (specified optional).

Hardware licensing as support is specified with advanced hardware replacement and 7x24 support available through the hardware manufacturer.

This section needs to include all details on all versions of the proposal.

- Cameras and Licensing
- Wiring and installation of said equipment affixed to existing structures
- Ongoing maintenance is quoted as optional and is highly recommended as it will cover all labor to replace cameras and switches if needed. Also, include quarterly as-needed cleanings.

Ongoing maintenance as proposed and available through QOVO Solutions, Inc. (QSI) is typically proposed monthly, quarterly or yearly.
QOVO is a CMAS approved vendor. Where CMAS approved hardware or services are proposed, all pricing will be at or below CMAS agreed pricing.

Please do not hesitate to let us know if there are any questions.

Sincerely;



Garth Gilmour

QOVO Solutions, Inc.

VERKADA ACCESS CONTROL HARDWARE

Line#	Qty	Description		Price	Ext. Price
1.1	1	AD33-HW 	**Verkada AD33 Access Control Door Reader** Verkada AD32 Access Control Door Reader	$279.20	$279.20
1.2	2	0E-DC1651W10	**3/8" Stubby Press Fit Contact w/Magnet**	$5.50	$11.00
1.3	1	224P-CABLE 	**22/4 Stranded Plenum 500ft BX White (Door Contact/REX)**	$95.70	$95.70
1.4	1	226P-CABLE 	**22/6 Stranded Plenum 500ft BX White (Reader)**	$164.27	$164.27
1.5	1	31965002 	**Genesis Plenum Composite Access Control Cable, 500'**	$380.00	$380.00
1.6	1	Misc Material 	**Velcro, zip ties, pulling lubricant, string, chains, j-hooks, rod hanger, threaded rod , unistrut, screws, consumables**	$680.00	$680.00
1.7	1	AL400ULPD4 	**Altronix Proprietary Power Supply - Wall Mount - 110 V AC Input - 12 V DC @ 4 A, 24 V DC @ 3 A Output**	$282.84	$282.84

Subtotal:	**$1,893.01**
Estimated Tax:	**$110.70**

VERKADA LICENSING & MFR. SUPPORT

Line#	Qty	Description		Price	Ext. Price
2.1	1	LIC-AC-5Y 	**Verkada 5-Year Access Control License**	$799.20	$799.20

Subtotal: **$799.20**

QOVO PROFESSIONAL SERVICES

Line#	Qty	Description		Price	Ext. Price
3.1	1	PS-CONDUIT 	**Conduit - Installation and bending of conduit** Install conduit or flex per CSLB code	$387.82	$387.82
3.2	2	PS-TRIP 	**Truck roll and gas** Costs for travel expenses of the Network specialist.	$125.00	$250.00
3.3	1	PS-AC-WP 	**Access Control - Wire Placement**	$729.00	$729.00
3.4	2	PS-AC-RDR 	**Prox Reader - Installation**	$96.22	$192.44
3.5	2	PS-AC-DPI 	**Door Status Contact - Installation**	$96.22	$192.44
3.6	1	PS-AC-RTE 	**Request to exit detector - Installation**	$145.80	$145.80

QOVO PROFESSIONAL SERVICES

Line#	Qty	Description		Price	Ext. Price
3.7	1	PS-LOCKSMITH 	**Installation of door locks and hardware** - Provide and Install C/A ARLP EU24 48 CVR Alum panic device on active door RX - Provide and Install Adams Rite 8611 4' mechanical bar on inactive door RX - Provide and Install A/R 8650 626 Escutcheon with corresponding mortise cylinder - Provide and Install (2)Keedex K-DLA armored door cord - DLS to provide C/A PS220 Power Supply - 110V needed in IDF or above door - Labor Package to retrofit opening, remove both doors,Install electronic devices, drill raceways, terminate devices, and run diagnostic test on all electronic hardware.	$1,920.00	$1,920.00
3.8	1	PS-OUTLET-INST 	**Installation of single gang duplex outlet**	$174.96	$174.96
3.9	1	PS-ELECT-WIRE 	**Electrical wire extension from existing outlet or electrical pole**	$437.40	$437.40
				Subtotal:	**$4,429.86**

NOTES

Line#	Qty	Description	
4.1	1	Note	**Terms and Conditions Taxes, shipping, handling and other fee** Terms and Conditions Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors. All orders paid by Credit Card will incur and 3% handling and convenience fee.
4.2	1	Note	Please note that the proposed system needs to have a Basic High Speed Internet to configure, control to be functional. This allows for remote monitoring and visibility to the camera system. The cloud model is to remove the need for a local DVR/Machine that draws power and requires maintenance and updates. The High Speed internet can be shared with other facility uses such as Access Control Systems and other shared services.

NOTES

Line#	Qty	Description
4.3	1	Note Pricing in this proposal is based on the proposed quantity and scope of work. In the event that the proposed quantities change the proposed pricing will be adjusted to reflect the revised quantities and scope of work. Discounts in this proposal as based on the proposed hardware and licensing quantities. QOVO retains the right to adjust discounts as quantities on hardware and licensing items change.
4.4	1	Exclusion Qovo Solutions Inc is not providing high speed internet or managed services unless otherwise noted with in this quote.
4.5	6	Note - IDF Power Each MDF/IDF location will need access to 1 power outlet
4.6	1	Note - Elevator Camera For Cameras located in the Elevator cars. The elevator company will need to provide at minimum 2 CAT5e Cables from the car to the Elevator room (1 for the camera and 1 spare incase of wire failure). We will put a field termination on their cable and patch to camera cable from the MDF. We can provide plenum rate cable to the elevator company.
4.7	1	Exclusion 110volt Pwr All 110volt power in each MPOE closets are to be provided by electrical contractor.
4.8	1	Exclusion - Conduit Pathways Conduit Pathways if required need to be provided by Electrical contractor.
4.9	1	Exclusion - Elevator Camera Wiring from Elevator control room to Elevator car. This needs to be ran by the elevator company. We will pick up termination at Elevator Room.

NOTES

Line#	Qty	Description
4.10	1	Note This proposal including all elements, diagrams, documents, and communications are considered the proprietary work product of QOVO Solutions, Inc. Any dissemination of these documents beyond the intended recipients and related entities will be considered a violation of a confidentiality agreement and any items related to this proposal cannot be disclosed to any third party without the express written permission of QOVO Solutions, inc.
4.11	1	Note This proposal assumed that if any existing camera cabling is to be reused that, that cabling is usable and is CAT%e or better and in working certifiable condition. In the event that the cabling is not certifiable a change order will be issued and new cabling cabling proposed.
4.12	1	Note **QOVO Solutions will use existing cabling pathways. If pathwa** QOVO Solutions will use existing cabling pathways. If pathways are unusable there may be additional cost to the customer.
4.13	1	Note The client is responsible for providing network switch ports with PoE and DHCP

NOTES

Line#	Qty	Description
4.14	1	Note QOVO Solutions Inc is not contracting for alarm monitoring services. All alarm monitoring is being performed by Verkada and related subsidiaries. As such, QOVO Solutions Inc is not including Alarm response services as part of this proposal, and all alarm response services will be at a rate of $365 per hour from the time leaving QOVO Solutions Head Quarters.
4.15	1	Note In the event that door hardware is broken, damaged, or non-electrified a change order will be submitted with required hardware.

SHIPPING

Line#	Qty	Description		Price	Ext. Price
5.1	1	UPS-GROUND	**UPS Ground** Estimated shipping UPS Ground	$69.00	$69.00

Subtotal: **$69.00**

- *WIRELESS*
- *MANAGED SERVICES*
- *VIDEO SURVEILLANCE*

GUSD - Access Control for Rear Entry door at Conference Room

Prepared by:

QOVO Solutions, Inc.

Garth Gilmour
844.768.6462
Fax 408-877-1606
garth@qovoinc.com

Prepared for:

Gilroy Unified School District

7810 Arroyo Circle
Gilroy, CA 95020
Aurelio Rodriguez
(669) 205-4050
aurelio.rodriguez@gilroyunified.org

Quote Information:

Quote #: Q-GG005534

Version: 2
Delivery Date: 12/04/2023
Expiration Date: 12/30/2023

Quote Summary

Description	Amount
VERKADA ACCESS CONTROL HARDWARE	$1,893.01
VERKADA LICENSING & MFR. SUPPORT	$799.20
QOVO PROFESSIONAL SERVICES	$4,429.86
Subtotal:	**$7,122.07**
Shipping:	**$69.00**
Estimated Tax:	**$110.70**
Total:	**$7,301.77**

Payment Details

Description	Payments	Interval	Amount
Hardware / Licensing			
Hardware / Licensing Billed Upon Deliver	1	One-Time	$0.00
Progress Billing			
Progress Billing @ 100% Completion	1	One-Time	$0.00

- *WIRELESS*
- *MANAGED SERVICES*
- *VIDEO SURVEILLANCE*

TERMS AND CONDITIONS
PRICING:
Quote is valid for 30 days from issuance.
PAYMENT TERMS: Net 30
Taxes, shipping, handling and other fees may apply, actual amounts will be provided upon invoicing. Unless otherwise agreed in writing by QOVO Solutions Inc. all invoices are payable with twenty-one (21) days of the date of invoice. All hardware, software, and/or manufacturer related services will be invoiced upon shipment from the manufacturer. We reserve the right to cancel orders arising from pricing or other errors.
LATE PAYMENT POLICY:
Penalties will be applied to all late payment of 3% of the outstanding value.
PURCHASE ORDERS:
In the event your company does not issue Purchase Orders (PO), please utilize the signature option below. Your signature below is considered equivalent to your signed Purchase Order. With your acceptance, you are also signing and agreeing to the purchase of the products and services included and the terms and conditions of this quote. If you have any questions, please contact your sales representative directly.
COMMUNICATIONS:
The information contained in this transmission may be confidential. Any disclosure, copying, or further distribution of confidential information is not permitted unless such privilege is explicitly granted in writing by QOVO Solutions, Inc.(QSI). QSI reserves the right to have electronic communications, including email and attachments, sent across its networks filtered through anti-virus and spam software programs and retain such messages in order to comply with applicable data security and retention requirements. QSI is not responsible for the proper and complete transmission of the substance of this communication or for any delay in its receipt.

QOVO Solutions, Inc.

Signature: 

Name: Garth Gilmour

Title:

Date: 12/04/2023

Gilroy Unified School District

Signature:

Name: Aurelio Rodriguez

Date:

PREPARED FOR

Sam Hagler
Santa Clara County Office of Education
209-834-6109
shagler@sccoe.org

11/08/2023

Glen View ES/Gateway - Walking Path Project

Project Number 1-7-23799

CMAS 4-20-78-0089C

Contact

Luis Mejia
1800 E. McFadden Ave.
Santa Ana, CA
(657)510-4559
luis.mejia@theKYAgroup.com

Pages 6

CA LICENSE #984827 B + C15
DIR #1000003379

Proposal: 1-7-23799
To: Santa Clara County Office of Education
1290 Ridder Park Drive
San Jose
California
95131

c/o: Santa Clara County Office of Education
RA: Luis Mejia
RA Phone: (657)510-4559
RA Email: luis.mejia@theKYAgroup.com
Site: Glen View Elementary (Gilroy Unified)
Address: 600 Eighth St.,
95020

Date: November 8, 2023
Terms: Net 30
CMAS 4-20-78-0089C

Site Qualifications and General Scope of Work DIR # 1000003379

Scope of Work

• Demo existing area to get pathway and dispose of existing materials.
• Path to be 6' wide and approx. 1060 linear feet long that runs along the perimeter of the grass field.
• DG Roundabout at the end of path under trees.
• DG path will get a 2”x4" header board of composite material set to the height of existing grass on each side and installed with composite stakes.
• Install base rock and stabilized Gold fine DG to be level with header boards on the sides.
• Bark/Mulch along inside of DG Walk path up to fence line.
• Any patching of surrounding grass will be done with seed.
• Re-route of irrigation lines or sprinkler heads.

Qualifications
Priced per CMAS
KYA Pays prevailing wages
Priced for all work to be completed Monday-Friday, 6:00am-5:00pm, excluding holidays.

Notes: Sales tax rate will be based upon the shipping address. Price is good for 30 days from date of quote.

Initials _____

SCOPE OF WORK - PRICING

Glen View ES/Gateway - Walking Path Project	Quantity	U/M	Price	Value
24010620 COMPOSITE HEADER BOARD 2" X 4" X 20'	3,500.00	LF	$3.11	$10,885.00
24011025 COMPOSITE HEADER STAKES	42.00	EA	$101.44	$4,260.48
3/4IN CL 2 BASE P CLASS 2 AGGREGATE BASE- PERMEABLE	412.00	CY	$101.44	$41,793.28
DG DECOMPOSED GRANITE	375.00	CY	$85.08	$31,905.00
MDB NATURAL SOD	1,095.00	SF	$4.91	$5,376.45
07000460 PVC PIPE SCHEDULE 40	2,400.00	LF	$3.80	$9,120.00
4401075 PVC REDUCING TEE	500.00	EA	$13.68	$6,840.00
MULCH-GH GORILLA HAIR MULCH	50.00	CY	$98.17	$4,908.50
157R140N15 MIRAFI HP270 (SQ FT)	6,360.00	SF	$0.34	$2,162.40
54010210 LANDSCAPE STAPLES - 6"	12.00	EA	$110.45	$1,325.40
LFV075 LOW FLOW DRIP IRRIGATION VALVE	48.00	EA	$49.31	$2,366.88
1550493 12" FLAT DRAIN	1,500.00	LF	$5.54	$8,310.00
DRNCAP DRAIN CAP KIT	4.00	EA	$134.34	$537.36
UPGRADE UPGRADE WITH DESIGN WORK	2,400.00	SF	$4.56	$10,944.00
WDSTD WOOD STUD FRAME	750.00	EA	$6.71	$5,032.50
SSA02P SOIL AMENDMENT	4,000.00	EA	$2.46	$9,840.00
SUNDRIES SUNDRIES	4.00	EA	$654.48	$2,617.92
Site Assessment Coordinator	53.00	HRS	$149.56	$7,926.68
Dumpster Service	12.00	EA	$788.17	$9,458.04
Clear, Grub and Haul	8,360.00	SF	$2.70	$22,572.00
Aggregate Base Application	6,360.00	SF	$2.32	$14,755.20
Application of Decomposed Granite	6,360.00	SF	$3.09	$19,652.40
Staking	2,120.00	LF	$3.09	$6,550.80
Substrate Compaction	8,360.00	SF	$1.24	$10,366.40
Application of Mulch	2,000.00	SF	$1.54	$3,080.00
Carpenter Journeyman	72.00	HRS	$128.25	$9,234.00
Freight	1.00	EA	$6,825.07	$6,825.07
Bonding	1.00	EA	$3,183.04	$3,183.04
		Total Price		$271,828.80

Initials _____

CONDITIONS AND WARRANTY

1) Proposal:
The above proposal is valid for 30 days from the date first set forth above. After 30 days, we reserve the right to increase prices due to the rise in cost of raw materials, fuel or other cost increases. When applicable, KYA Services LLC reserves the right to implement a surcharge for significant increases in raw materials, including, but not limited to; fuel, and materials. Due to the duration of time between proposals, contracts and final furnishing, KYA Services LLC reserves the right to implement this surcharge when applicable.
Any job that is accepted prior to December 31st of the current year and scheduled to install after December 31st of the current year is subject to price increase

2) Purchase:
By executing this proposal, or submitting a purchase order pursuant to this proposal (which shall incorporate the terms of this agreement specifically by reference) which is accepted by KYA Services LLC. (the "Company"), the purchaser identified above ("you" or the "Purchaser") agrees to purchase the materials and the services to be provided by the "Company", as detailed in the Pricing and "General Scope of Work"sections in this agreement, above.

3) Standard Exclusions:
Unless specifically included, this agreement does not include, and Company will not provide services, labor or materials for any of the following work: (a) removal or disposal of any material containing asbestos or any hazardous materials as defined by the EPA; neither we nor our installers are responsible for the handling, removal or abatement of asbestos contained floor material or adhesive. Further, our policy is to request an Asbestos Hazard Emergency Response Act (AHERA) report prior to proceeding with any floor material or floor adhesive removal. We and our installers consider it the owners responsibility to produce this report prior to executing this contract. (b) moving Owner's property around the installation site. (c) repair or replacement of any Purchaser or Owner- supplied materials. (d) repair of concealed underground utilities not located on prints, supplied to Company by Owner during the bidding process, or physically staked out of by the Owner, and which are damaged during construction; or (e) repair of damage to existing surfaces that could occur when construction equipment and vehicles are being used in the normal course of construction.

4) Insurance Requirements:
Company is not required to provide any insurance coverage in excess of Company's standard insurance. A copy of the Company's standard insurance is available for your review prior to acceptance of the Company's proposal.

5) Payment;
Terms of payment are defined in the "Pricing" details section and are specific to this contract. For purposes of this agreement, "Completion" is defined as being the point at which the materials have been furnished. In any event where Completion cannot be effected due to delays or postponements caused by the Purchaser or Owner, final payment (less 10% retainage) is due within 30 days of the date when the Completion was scheduled, had the delay not occurred. All payments must be made to KYA Services LLC 1800 E McFadden Ave, Santa Ana, CA 92705. If the Purchaser or Owner fails or delays in making any scheduled milestone payments , the Company may suspend the fulfilment of its obligations hereunder until such payments are made, or Company may be relieved of its obligations hereunder if payment is more than 60 days past due. Company may use all remedies available to it under current laws, including but not limited to filing of liens against the property and using a collection agency or the courts to secure the collection of the outstanding debt.

6) Lien Releases:
Upon request by Owner, Company will issue appropriate partial lien releases as corresponding payments are received from Purchaser, but prior to receiving final payment from Purchaser or Owner, Company will provide a full release of liens upon receipt of final payment. In accordance with state laws, Company reserves the right to place a lien on the property if final payment has not been received 10 days prior to the filing deadline for liens.

7) Site Plan Approval, Permit/s, Permit Fees, Plans, Engineering Drawings and Surveying:
Site plan approval, permits, permit fees, plans, engineering drawings and surveying are specifically excluded from this agreement and the Services unless specified under the "General Scope of Work". The Company does not in any way warrant or represent that a permit or site plan approval for construction will be obtained. Sealed engineered drawings that are required but not included in the "General Scope of Work" will result in additional cost to Purchaser.

8) Manufacturing and Delivery:
Manufacturing lead-time and delivery varies depending on the product purchased.

Initials _____

9) Returned Product, Deposits and/ or Cancelled Order:
From date of shipment from our facility, all returned product(s) and cancelled orders are subject to a 50% restocking fee. No returns are available following this date. All deposits are non-refundable.

10) Concealed Conditions:
"Concealed conditions" include, without limitation to, water, gas, sprinkler, electrical and sewage lines, post tension cables, and steel rebar. Observations that were able to be made either by visual inspection or by drawings and/or plans submitted by Owner at the time this agreement was approved. If additional Concealed Conditions are discovered once work has commenced which were not visible at the time this proposal was approved, Company will stop work and indicate these unforeseen Concealed Conditions to Purchaser or Owner so that Purchaser and Company can execute a change order for any additional work. In any event, any damage caused by or to unforeseen Concealed Conditions is the sole responsibility of the Purchaser and Company shall not be held liable for any such damage. Soil conditions are assumed to be soil that does not contain any water, hard rock (such as limestone, caliche, etc.), rocks bigger than 4inches in diameter or any other condition that will require additional labor, equipment and/or materials not specified by the purchaser or Owner in the bidding process.
Any condition requiring additional labor, equipment, and/or materials to complete the drilling or concrete operations will require a change order before Company will complete the process. Any variation will incur additional charges.

11) Changes in the Work:
During the course of this project, Purchaser may order changes in the work (both additions and deletions). The cost of these changes will be determined by the Company, and a change order must be completed and signed by both the Purchaser and the Company, which will detail the "General Scope of the Change Order". Should any change be essential to the completion of the project, and the Purchaser refuses to authorize such change order, then Company will be deemed to have performed its part of the project, and the project and Services will be terminated. Upon such termination, Company will submit a final billing to Purchaser for payment, less labor allowance for work not performed but including additional charges incurred due to the stoppage. No credit will be allowed for materials sold and supplied, which will remain the property of the Purchaser.

12) Warranty; Limitations of Liability:
Company warrants that all Company-supplied labor and Services will be performed in a good and workmanlike manner. Purchaser shall notify the Company in writing detailing any defects in Service for which a warranty claim is being made.
COMPANY SHALL NOT IN ANY EVENT BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, PUNITIVE OR LIQUIDATED DAMAGES IN ANY ACTION ARISING FROM OR RELATED TO THIS AGREEMENT, WHETHER BASED IN CONTRACT, TORT (INCLUDING NEGLIGENCE), INTENDED CONDUCT OR OTHERWISE, INCLUDING WITHOUT LIMITATION, DAMAGES RELATING TO LOSS OF PROFITS, INCOME OR GOODWILL, REGARDLESS OF WHETHER COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
IN NO EVENT WILL COMPANY'S LIABILITY FOR MONETARY DAMAGES UNDER THIS AGREEMENT EXCEED THE FEES PAID OR DUE AND PAYABLE FOR THE SERVICE UNDER THIS AGREEMENT (OR RELEVANT PURCHASE ORDER).
The warranties or the materials are contained in a separate document between Company and the ultimate Owner of the materials, which will be provided to Owner at the time of completion of work.

13) Indemnification:
To the fullest extent permitted by law. Purchaser shall indemnify, defend and hold harmless the Company and its consultants, agents and employees or any of them from and against claims, damages, losses and expenses, including but not limited to attorney's fees, relating to furnishing of the materials or performance of the Services, provided that such claim, damage, loss or expense is attributable to bodily injury to, sickness, disease or death of a person, or injury to or destruction of tangible property, but only to the extent caused by the negligent acts or omissions of the Purchaser or its agents, employees, or subcontractors or anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge or reduce other rights or obligations of indemnity that would otherwise exist as to a party or person described in Section 13.

14) Delegation: Subcontractors:
The Services and furnishing of materials may be performed by subcontractors under appropriate agreements with the Company

15) Force Majeure: Impracticability:
The Company shall not be charged with any loss or damage for failure or delay in delivering or furnishing of materials when such failure or delay is due to any cause beyond the control of the Company, due to compliance with governmental regulations, or orders, or due to any acts of God, lockouts, slowdowns, wars or shortages in transportation, materials or labor.

16) Dispute Resolution:
Any controversy or claim arising out of or related to this agreement must be settled by binding arbitration administered in Santa Ana, CA by a single arbitrator selected by the parties or by the American Arbitration Association, and conducted in accordance with the construction industry arbitration rules. Judgement upon the award may be entered in any court having jurisdiction thereof.

17) Entire Agreement; No Reliance:
This agreement represents and contains the entire agreement between the parties. Prior discussion or verbal representations by the parties that are not contained in this agreement are not part of this agreement. Purchaser hereby acknowledges that it has not received or relied upon any statements or representations by Company or its agents which are not expressly stipulated herein, including without limitation any statements as to the materials, warranties or services provided hereunder.

18) No Third-Party Beneficiaries:
This agreements creates no third party rights or obligations between Company and any other person, including any Owner who is not also a Purchaser. It is understood and agreed that the parties do not intend that any third party should be a beneficiary of this agreement.

19) Governing Law:
This agreement will be constructed and enforced in accordance with the laws of the State of California.

20) Assignment:
Purchaser may not assign this agreement, by operation of law or otherwise, without the prior written consent of the Company. The agreements shall be binding upon and ensure to the benefit of the Company and the Purchaser, and their successors and permitted assigns.

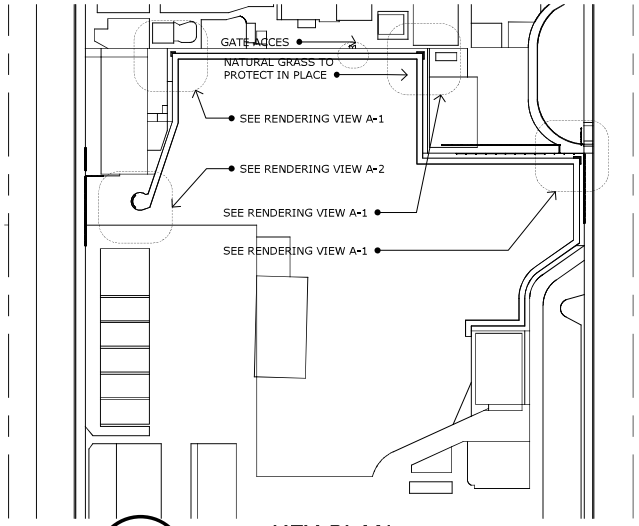
Executed to be effective as of the date executed by the Company:

KYA Services LLC

Accepted by:

Signature:		Signature:	Luis Mejia
By: (Print)		By: (Print)	Luis Mejia
Title:		Title:	Regional Advisor
Date:		Date:	November 08, 2023

Initials _____



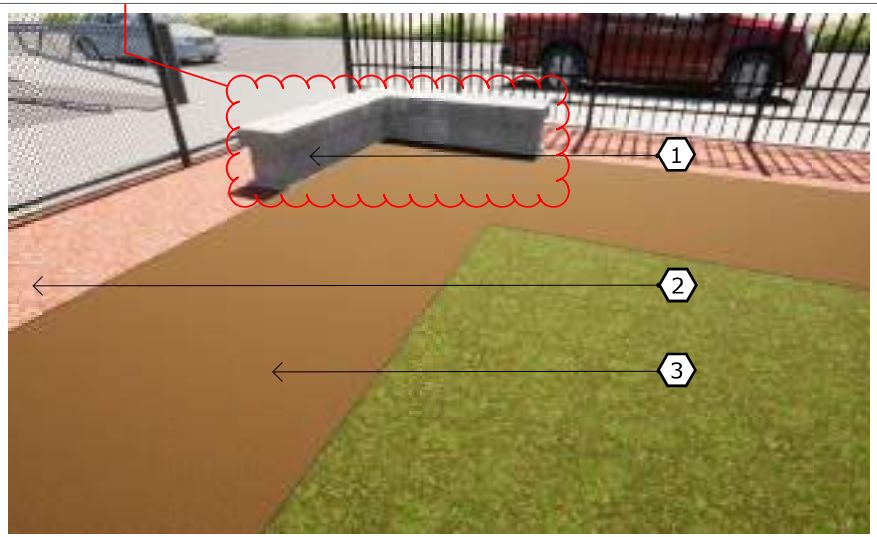
Remove Concrete Seat Walls From Scope Of Work

B KEY PLAN

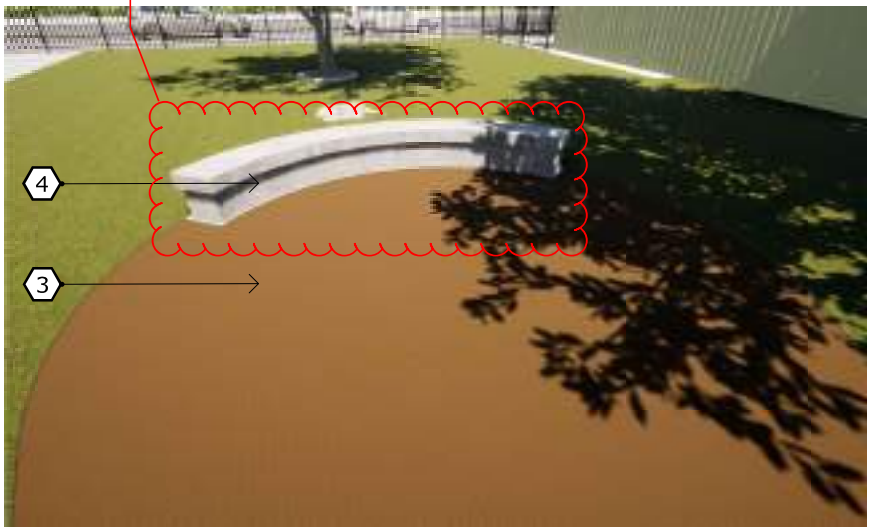


Remove Concrete Seat Walls From Scope Of Work

A PARTIAL SITE PLAN



RENDERING VIEW A-1 (TYPICAL REST STATION)



RENDERING VIEW A-2 (RUN ABOUT)

NOTE :
- **RENDERING ONLY**
- **NOT A TECHNICAL DRAWING**
- **NOT DSA APPROVED DRAWING**

LEGEND:
1. 6' LONG CONCRETE SEAT WALL
2. BARK/MULCH
3. 6' WIDE DECOMPOSED GRANITE (D.G.) WALK PATH
4. 12' LONG CONCRETE SEAT WALL

Remove Concrete Seat Walls From Scope Of Work

Remove Concrete Seat Walls From Scope Of Work

KYA EMPLOYEE OWNED
3235 Sunrise Blvd., Suite 4 www.theKYAgroup.com
Rancho Cordova, CA 95742

D.G. WALWALK PATH, BARK/MULCH & CONCRETE SEAT WALL
GLEN VIEW ELEMENTARY SCHOOL
600 WEST 8TH STREET, GILROY, CA 95020

RENDERING FOR
LUIS MEJIA
luis.mejia@theskyagroup.com

GVES-1

11/10/2023

GUS # 165

REQUEST FOR FACILITY MODIFICATION

SUBMISSION INSTRUCTIONS: Email completed form and back-up materials to Marissa Van Patten, Facilities Project Manager, at **marissa.vanpatten@gilroyunified.org**.

SITE: Christopher HS **DATE:** 10/12/23

REQUESTOR: Jeremy Dirks

FUNDING SOURCE: Site Funds **AVAILABLE BUDGET:** $2,321.27

DESCRIPTION OF MODIFICATIONS(S):

We are requesting to install a workstation for bicylces and a pump for our students to use when their tires are flat or they need to make simple fixes (location in attachment)

(Continue on additional pages, if needed)

HOW WILL THE IMPROVEMENT(S) CONTRIBUTE TO ONE OR MORE OF THE DISTRICT GOALS?

- *Creating rigorous and innovative learning spaces that deepen students' conceptual understanding*
- *Building inclusive and safe schools that prioritize mental health and social-emotional well-being of all.*
- *Maximizing resources that provide equitable student support to achieve successful post-secondary outcomes.*

This will add to the safety of the school by ensuring that our students have a safe working bicylce to ride to and from school.

(Continue on additional pages, if needed)

****

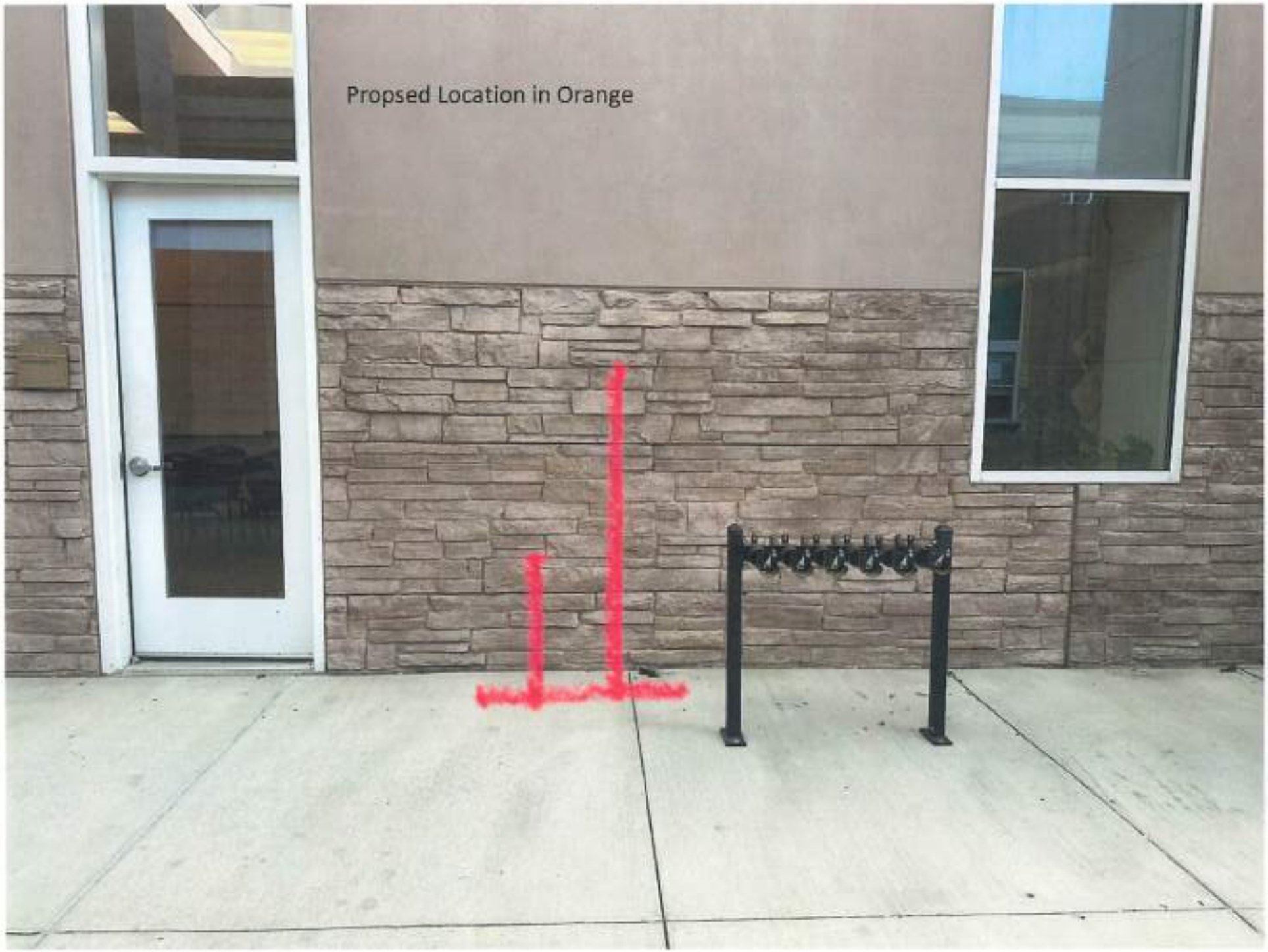
TO BE COMPLETED BY THE FACILITIES SUBCOMMITTEE

DATE SUBMITTED: _____ FSC REVIEW DATE: _____

FSC COMMENTS: _____

_____ APPROVED FOR BOARD VOTE _____ MORE INFORMATION NEEDED _____ DENIED

REV 9 2023


Propsed Location in Orange

DERO





Patents US 9,498,880 and 9,505,124
Additional patent pending

Fixit® Plus

The Fixit Plus includes all the tools necessary to perform basic bike repairs and maintenance, from changing a flat to adjusting brakes and derailleurs. Stainless steel cables and tamper-proof fasteners securely attach tools to the stand, while the hanging arms allow pedals and wheels to spin freely while making adjustments. Add a second hanger for double sided access to the tools!

©2022

Fixit® Plus



Hanger arms accommodate most types of bikes

QR code takes smart phone users to comprehensive bike repair web site

Tools are secured with stainless steel aircraft cables

Large surface area for sponsorship, branding, or way-finding signage

Includes most commonly used tools for simple bike maintenance

Durable covers on hanger arms protect bikes from scratches

A cane-detectable attachment is available for placement under the bike hanger arms for improved safety.

Tamper-resistant fasteners included!



Tools included:

- Philips and flat head screwdrivers
- 2.5, 3, 4, 5, 6, 8mm Allen wrenches
- T25 Torx wrench
- 32mm Headset wrench
- 15mm Pedal wrench
- 8, 9, 10, 11mm box wrenches
- Tire levers (2)



Add your choice of an Air Kit bike pump (sold separately) to keep your cyclists' tires topped up and ready to roll. The Air Kits feature our Metal Head™, a sturdy cast aluminum pump head with Presta and Schrader valve compatibility.

These public bike repair products require occasional maintenance and replacing of parts to remain serviceable.



Orient arms to set the preferred height for hanging bikes



Add a second hanger for double sided access!

FINISH OPTIONS

Galvanized



Powder Coat



©2023

Patents US 9,498,880 and 2,505,124 Additional patent pending





Patent Pending

Air Kit™ Prime

The Air Kit Prime features upgraded high-wear parts made from anodized aluminum and stainless steel and our durable Dero Metal Head™ that accommodates both Presta and Schrader valves. Galvanized protective plates keep the pump finish attractive and prevent scratches when the pump head is not in use. All internal components are available separately and are easy to service.

The Air Kit Prime is available as a stand-alone pump, or can mount to our Fixit bike repair stands.

2022

Air Kit™ Prime



Durable rubber hand grips

Gasket rating -30° to 110° F

25" Reinforced air hose

Aluminum pump head accepts schrader and presta valves

Tamper-resistant fasteners included



The Air Kit Prime includes Dero's aluminum Metal Head™ pump head

Air Kits require occasional maintenance and replacing of parts to remain serviceable. An extra gasket kit for the pump head is included with each unit shipped.



Mount directly to a Fixit for a complete bike repair station



Accessorize with a Puma Stop to hold bikes in place

FINISH OPTIONS

Galvanized



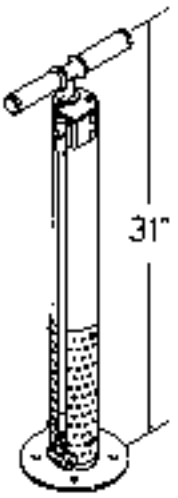
Stainless



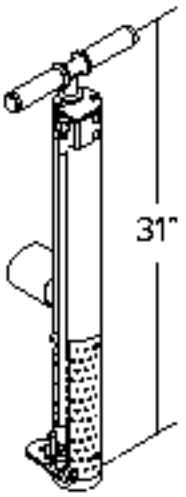
Powder Coat

White
Black
Light Gray RAL 7042
Deep Red RAL 3003
Yellow RAL 1023
CMH Bright Yellow
Orange RAL 2004
Beige RAL 1001
Iron Grey RAL 7011
Hunter Green RAL 6009
Light Green RAL 6018
Green RAL 6016
Sepia Brown RAL 8014
Bronze
Silver RAL 9007
Dark Purple
Flat Black
Wine Red RAL 3005

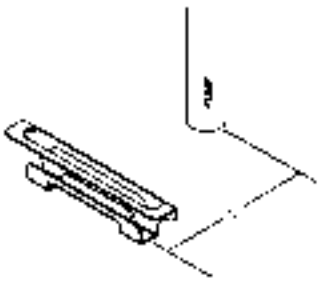
©2022



Surface Mount



Flat Mount



An optional wheel catch is available to hold bikes with no kick stands

MATERIALS

Main Body: 3" x 1/8" steel tube
Manual air pump: Dero made, max 100psi
Foot: 1/4" steel

FINISHES

☐ **Galvanized**
An after fabrication hot dipped galvanized finish is our standard option.

☐ **Powder Coat**
Our powder coat finish assures a high level of adhesion and durability by following these steps
1. Sandblast
2. Epoxy primer electrostatically applied
3. Final thick TGIC polyester powder coat

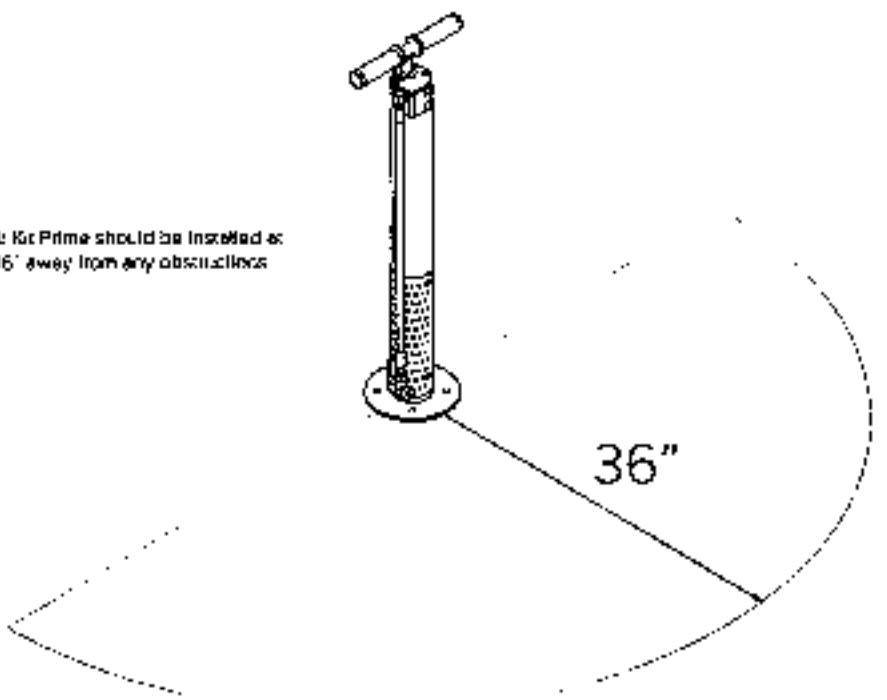
☐ **Stainless**
Stainless Steel: 304 grade stainless steel material finished in either a high polished shine or a satin finish

MOUNT OPTIONS

☐ **Surface**
Surface Mount has 7" diameter x 1/4" flange with four anchoring holes for mounting with standard wedge anchors. Tamper-resistant fasteners are included

☐ **Flat**
Flat Mount attaches to side of Flat bike repair station

The Air Kit Prime should be installed at least 36" away from any obstructions



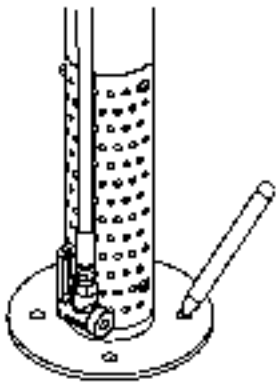
TOOLS NEEDED

Marker or Pencil
Masonry Drill Bit 3/8"
Drill (Hammer drill recommended)
Hammer
Wrench 9/16"
Level

RECOMMENDED BASE MATERIAL

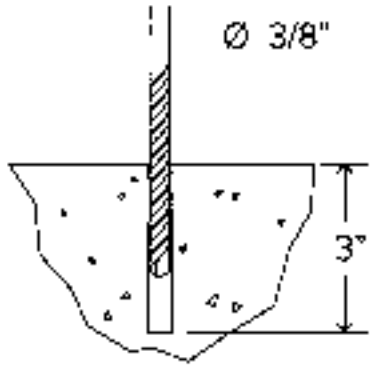
Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your Air Kit, ask your Dero representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.

1



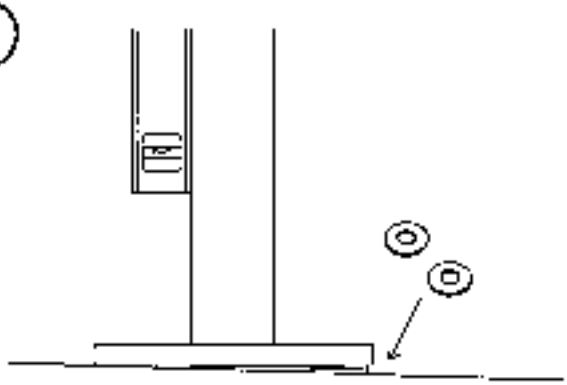
Place the Air Kit Prime in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material.

2



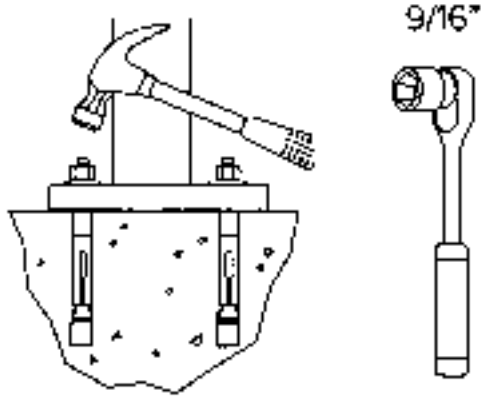
Drill 3/8" diameter holes 3" deep into surface. Make sure the holes are at least 3" away from any cracks in the base material.

3



Use washers to level pump if necessary.

4



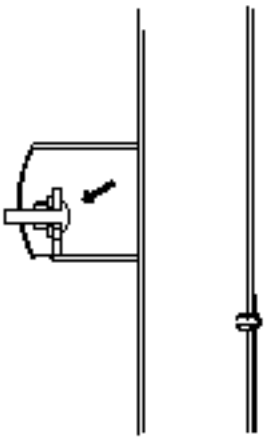
Thread nuts onto anchors, leaving approximately 1/4" of the anchor protruding, and tap into surface. **Place the 2 provided tamper-proof penta nuts on opposite sides.** Tighten nuts down to secure pump.

Be sure to save your tamper-resistant tools for any future maintenance. They are costly to replace.



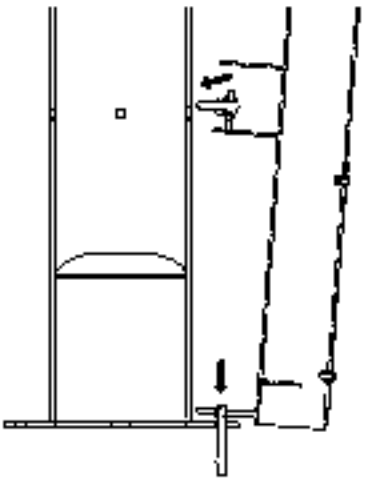
Because public pumps require occasional maintenance, a spare pump head gasket kit is included with each unit shipped. Save this kit for future use.

1



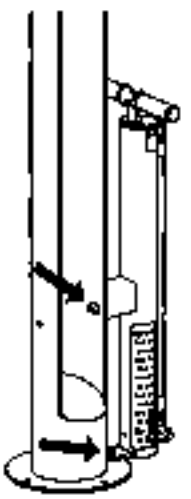
Firmly attach the carriage bolt to the pump with the nut and washer

2



If attaching to a previously installed Fixit remove the nut and washer on the wedge anchor on the side of the Fixit to receive the pump. Place the pump lower flange hole over the wedge anchor, and slot the previously attached carriage bolt through the hole on the side of the Fixit.

3



Loosely secure the carriage bolt with a rubber-backed washer and tamper-proof nut in the inside of the Fixit.

Use the wedge anchor washer and nut to secure the pump flange and then tighten the tamper proof nut inside the Fixit.

1



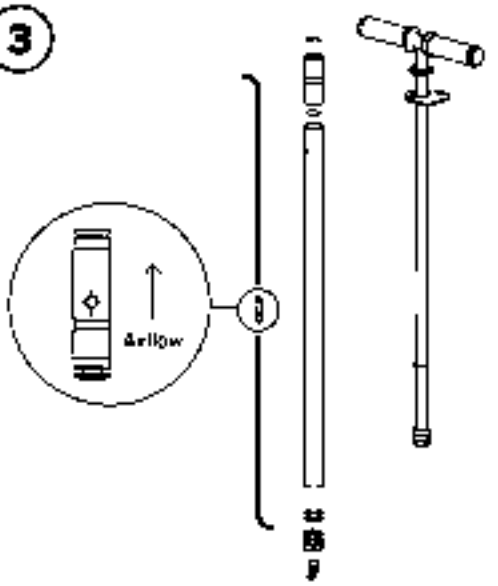
Remove the two tamper-proof screws at the top of the pump and lift the cap. Then disconnect the air line via the push-to-connect fitting at the top of the hose

2



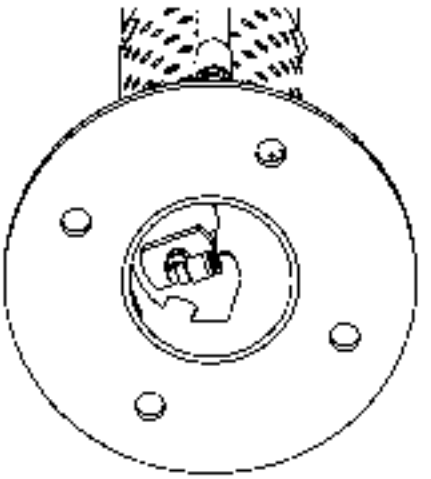
Slide the pump upwards out of the main body slot and then lift the whole pump and air lines out of the main body

3



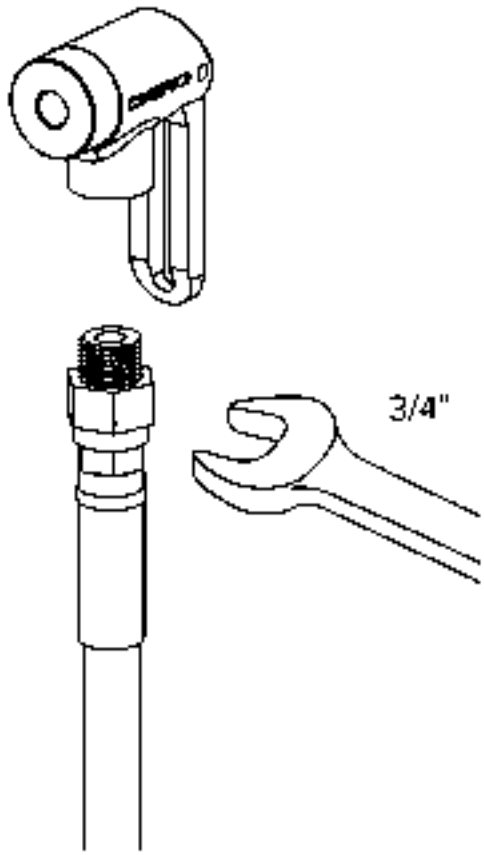
The pump can now be taken apart without tools for servicing

4



It may be necessary to gain access to the bottom of the main body to align the pump when re-assembling

Remove Metal Head® by turning counter-clockwise. You will need a 3/4" wrench. Replace with new Metal Head and tighten.



REQUEST FOR FACILITY MODIFICATION

SUBMISSION INSTRUCTIONS: Email completed form and back-up materials to Marissa Van Patten, Facilities Project Manager, at **marissa.vanpatten@gilroyunified.org**.

SITE: Ascencion Solorsano **DATE:** 10/12/23

REQUESTOR: Hilda Aguirre

FUNDING SOURCE: TBD **AVAILABLE BUDGET:** TBD

DESCRIPTION OF MODIFICATIONS(S): We need to replace our grass areas where there is high traffic.

Please replace the grass areas highlighted in orange with a material that can take the heavy foot traffic.

(Continue on additional pages, if needed)

HOW WILL THE IMPROVEMENT(S) CONTRIBUTE TO ONE OR MORE OF THE DISTRICT GOALS?

- *Creating rigorous and innovative learning spaces that deepen students' conceptual understanding.*
- *Building inclusive and safe schools that prioritize mental health and social-emotional well-being of all.*
- *Maximizing resources that provide equitable student support to achieve successful post-secondary outcomes.*

See Attached

(Continue on additional pages, if needed)

****

TO BE COMPLETED BY THE FACILITIES SUBCOMMITEE

DATE SUBMITTED: _____ FSC REVIEW DATE: _____

FSC COMMENTS: _____

_____ APPROVED FOR BOARD VOTE _____ MORE INFORMATION NEEDED _____ DENIED

Replacing high-traffic grass areas with new materials can contribute to building an inclusive and safe school environment that prioritizes mental health and social-emotional well-being in a few ways:

1. By replacing grass with alternative materials, such as rubberized surfaces or artificial turf, you can create a more accessible environment for students with mobility challenges or disabilities. This ensures that all students can freely access and enjoy outdoor spaces, promoting inclusivity and reducing barriers to participation.

2. High-traffic grass areas can become muddy, slippery, or uneven, potentially leading to accidents and injuries. By utilizing materials specifically designed for high foot traffic, like rubberized surfaces or durable synthetic turf, you can provide a safer environment for students to engage in play, sports, or leisure activities.

3. Maintaining natural grass areas can require significant water consumption, fertilizers, and maintenance. Switching to more sustainable materials can reduce water usage, and minimize the maintenance schedule.

4. Alternative materials offer flexibility in design and usage. These surfaces can be multi-purpose, allowing for a variety of activities such as outdoor learning, group work, or relaxation areas, fostering social interactions and enhancing overall well-being.

By prioritizing mental health and social-emotional well-being through the replacement of high traffic grass areas, schools can create a more inclusive and safe environment that caters to the diverse needs of their students.

Marissa Van Patten <marissa.vanpatten@gilroyunified.org>

ASMS Facilities request

Hilda Aguirre <hilda.aguirre@gilroyunified.org> Wed, Oct 18, 2023 at 9:32 AM
To: Marissa Van Patten <marissa.vanpatten@gilroyunified.org>
Cc: Analisa Alexandre <analisa.alexandre@gilroyunified.org>

Here you go. Everything in the orange.



[Quoted text hidden]

REQUEST FOR FACILITY MODIFICATION

SUBMISSION INSTRUCTIONS: Email completed form and back-up materials to Marissa Van Patten, Facilities Project Manager, at **marissa.vanpatten@gilroyunified.org**.

SITE: South Valley Middle School **DATE:** 12/4/23

REQUESTOR: Guillermo Ramos

FUNDING SOURCE: Bonds? **AVAILABLE BUDGET:** Bonds?

DESCRIPTION OF MODIFICATIONS(S): See attached

(Continue on additional pages, if needed)

HOW WILL THE IMPROVEMENT(S) CONTRIBUTE TO ONE OR MORE OF THE DISTRICT GOALS?

- *Creating rigorous and innovative learning spaces that deepen students' conceptual understanding.*
- *Building inclusive and safe schools that prioritize mental health and social-emotional well-being of all.*
- *Maximizing resources that provide equitable student support to achieve successful post-secondary outcomes.*

See attached

(Continue on additional pages, if needed)

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TO BE COMPLETED BY THE FACILITIES SUBCOMMITEE

DATE SUBMITTED: _____ FSC REVIEW DATE: _____

FSC COMMENTS: _____

_____ APPROVED FOR BOARD VOTE _____ MORE INFORMATION NEEDED _____ DENIED

GUSD Request for Facility Modification
South Valley Middle School
Wellness Center Request

DESCRIPTION OF MODIFICATIONS(S):

The room G9 is currently a classroom and South Valley Middle School (SVMS) intends to utilize it as a Wellness Center for students to receive mental health support services. To ensure the privacy and confidentiality of the services being provided to our students in the wellness center, there will be modifications needed in room G9. The modifications needed can be noted in detail on the ***SVMS Wellness Center G9 Proposal Diagram & Key.*** We would like classroom G9 to be designated as the Wellness Center for our school site. We hope that classroom G9 will be divided into three confidential rooms (1. Calming Room, 2. Group Counseling Room, and 3. Individual Counseling Office) in which all three rooms will need walls, doors, lighting, and phone lines. The Group Counseling Room and Individual Counseling Office will need an entrance door. The Calming Room and the Group Counseling Room will need mounted smart boards. The Group Counseling Room will need a whiteboard. All three rooms will need a bulletin board.

HOW WILL THE IMPROVEMENT(S) CONTRIBUTE TO ONE OR MORE OF THE DISTRICT GOALS?

- **Creating rigorous and innovative learning spaces that deepen students' conceptual understanding.**
- **Building inclusive and safe schools that prioritize mental health and social-emotional well-being of all.**
- **Maximizing resources that provide equitable student support to achieve successful post-secondary outcomes.**

One area of focus for Gilroy Unified School District for the 2023-2024 school year is to prioritize mental health and social-emotional well-being of all students. Academic achievement is connected to mental and social-emotional well being of all students. By providing a safe environment for students to address their mental health needs, the wellness center aligns with the broader objective of fostering a supportive and inclusive educational environment, ultimately enhancing the overall well-being of the student body. The wellness center at South Valley Middle School (SVMS) will play a crucial role in providing students with much-needed mental health support to regulate their emotions.

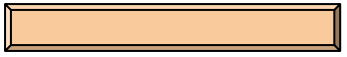
SVMS is hoping to create a wellness center for students to receive mental health and social emotional support services. In this safe space students will be able to regulate their emotions when they are having social-emotional challenges. The wellness center will serve as a safe and welcoming environment, equipped with a variety of materials and resources, for students to be able to seek support and assistance. At the wellness center, students will have the opportunity to take a break from the pressures of their academic responsibilities or meet with a counselor for more specific social-emotional support. The available materials, such as calming sensory tools, mindfulness resources, and comfortable seating, will empower students to engage

in self-soothing activities, helping them to regulate their emotions and return to their classrooms in a calmer, more focused state of mind. This approach to mental well-being within the school community ensures that students have the necessary tools to thrive academically, socially and emotionally. The vision for our wellness center is to provide a wide array of calming activities tailored to meet the unique needs of each student. This includes options such as games, puzzles, art activities, and various mindfulness exercises that students can choose from. These options empower students to de-escalate and regain a sense of calmness, ensuring that they have a personalized toolkit for managing their emotions and returning to their daily routines with a refreshed state of mind.

SVMS Wellness Center Key

Created by SVMS Counseling Department

Key	
	Door
	Round Table
	Rectangle Table
	Square Table
	Office Desk
	Student Chairs
	Comfortable Chairs
	Window

Key	
	Office Chair
	Filing Cabinets
	Storage Organizer
	phone
	Smart TV
	Bulletin Board
	White Board

Last updated:11/17/2023

SVMS Wellness Center G9 Proposal Diagram

Created by SVMS Counseling Department

