

Site Lighting Community Process Summary

June 3, 2021



Where are We Now

Guiding Information

- Safety of students and staff
 - Feedback during the Master Facilities
 Planning process indicated that for safety reasons, lighting for pathways was needed.

Your Measure T dollars at work at **Bubb Elementary School**

The bond passed in 2020 prioritizes:

- Safety/Operational Efficiency
- Short-Term Growth

To receive future updates about these Measure T projects, please sign up here: http://mvw.sd/ConstUpdates

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MVWSD.org/construction

Para este anuncio en español, por favor vaya a www.mvwsd.org/construction Feb 2021



Your Measure T dollars at work at **Bubb Elementary School**

Projects starting this year



Bubb will get two solar arrays near the playground structures. Not only will these structures support solar panels to save the district \$600,000 annually in electrical costs, they will provide much-needed shade

Project start: Summer 2021



Replacement of existing old equipment with new, efficient systems and upgraded controls to increase efficiency.

Project start: Summer 2021

Perimeter controls



Bubb will have perimeter fencing that connects existing fencing and added gates to completely enclose campus and fields in order to secure campuses during school hours. The public will continue to have access to fields outside school hours. Fencing and gates will be ornamental metal to match existing at campus frontage and 6' high chain link fencing and gates at property lines and back of campus.

Project start: Summer 2021

Lighting



New lights and/or bollard style light posts to illuminate pedestrians' path of travel between campus and parking lots. The areas of need are determined by photometric data. This additional lighting is an important safety measure for staff members and guests using the campus in the evenings and winter late afternoons.

Project start: Fall 2021



MEASURE T PROJECTS

TOUCH EVERY

CONSTRUCTION

LIGHTING INFO

Learn more about the lighting project

Tuesday, May 18 at 4 p.m. On Zoom: http://mvw.sd/lighting1

Mountain View Whisman School Distric

Community Meetings

- Castro/Mistral May 13
- Stevenson and Theuerkauf May 17
- Bubb, Huff, Landels May 18
- Graham, Crittenden May 18
- Vargas and Monta Loma May 19

 Principals also gathered feedback at their School Site Council Meetings, ELAC, and Principal Coffees

Notification of Community Meetings

- Postcards were directly mailed to residents within each school's boundaries
- Posters at each site with links and QR codes to register for meetings
- Social media posts
- Notification to the City
- School/ Supt newsletters
- Marquee sign announcements



The Design Process

Design Considerations

- Identify deficiencies within existing lighting in parking areas and to/from campus.
- Provide directional LED lighting to eliminate light transfer to neighboring areas or properties.
- Standards are to be operated by photocell and timers.

Proposed Light Standards



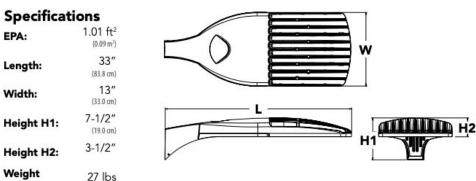


(12.2 kg)





(max):



Specifications

Diameter: 8" Round

Height:

Weight

(max):

(20.3 cm)

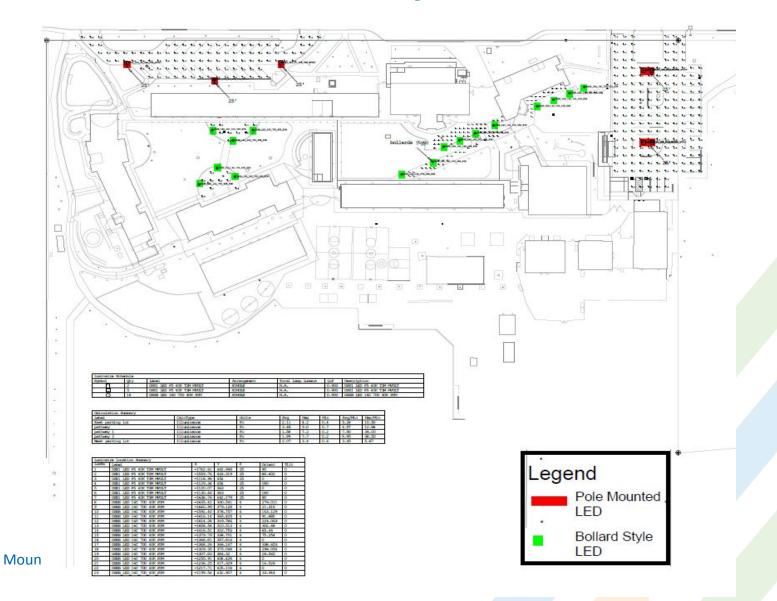
(106.7 cm)

27 lbs

(12.25 kg)

42"

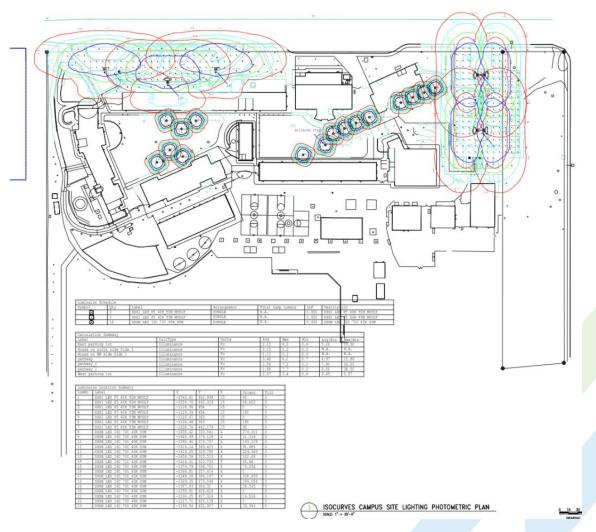
Theuerkauf Elementary School



Iso-Curve Diagrams

- The diagram is a visual representation of the light diffused by a luminaire
- Each curve/circle represents a value of light measured in foot candles
- For reference 1 foot candle is approximately equivalent to light from a full moon on a clear night

Theuerkauf Elementary School Iso Diagram



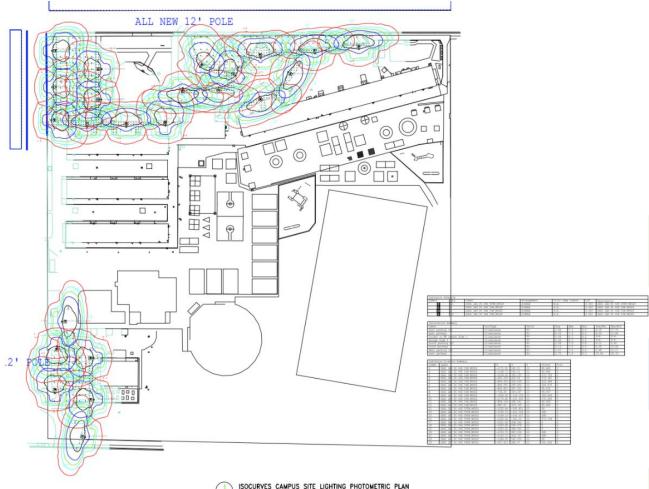
Bubb Elementary School



13

Bubb Elementary Iso Diagram

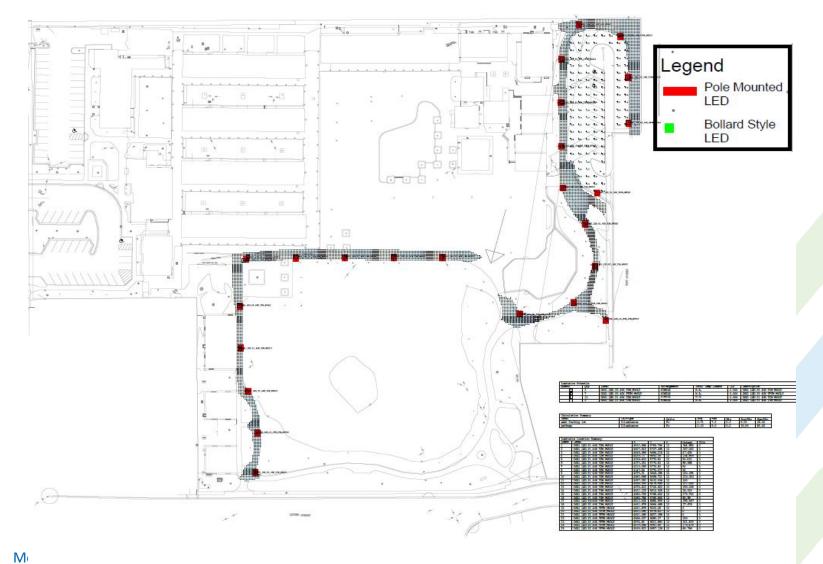
Mountain Viev



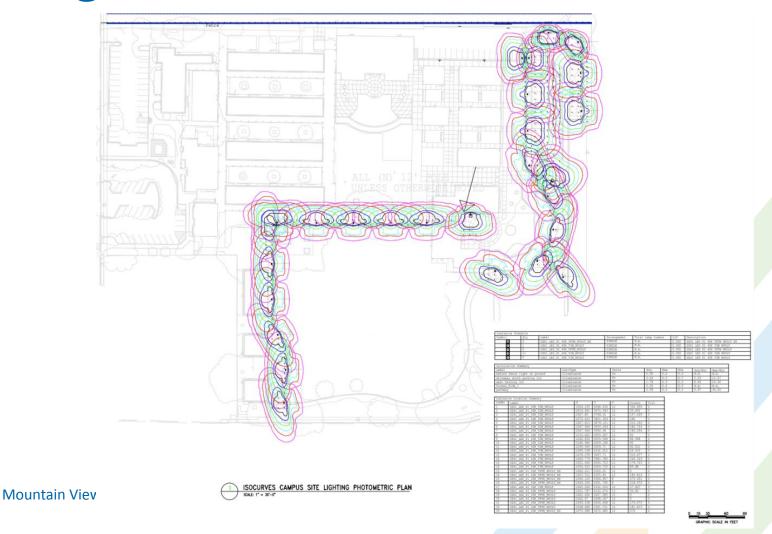
SOLD I'M SOL

14

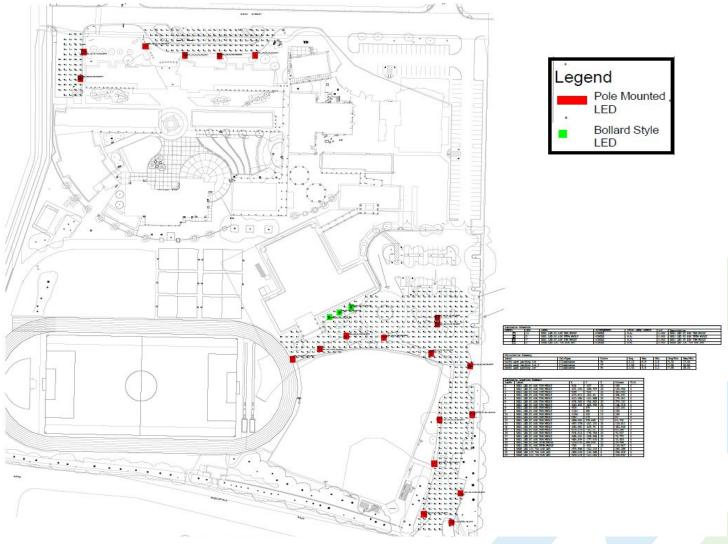
Castro Mistral Elementary School



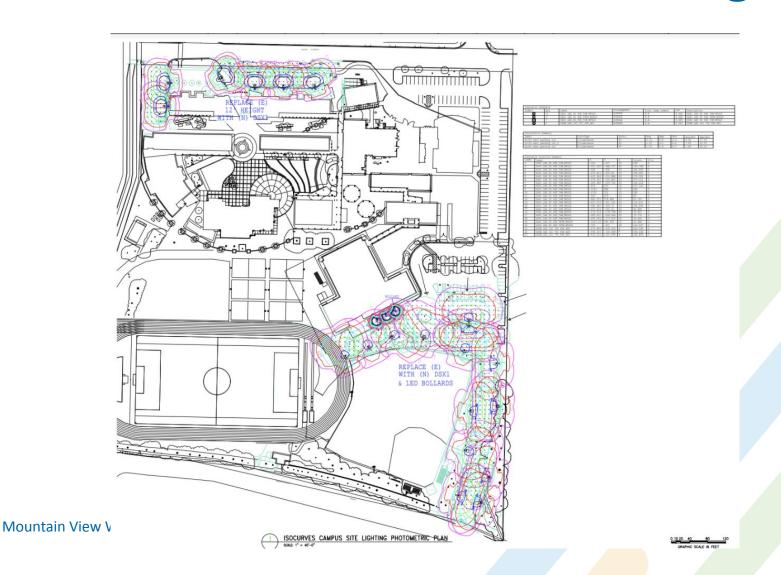
Castro Mistral Elementary Iso Diagram



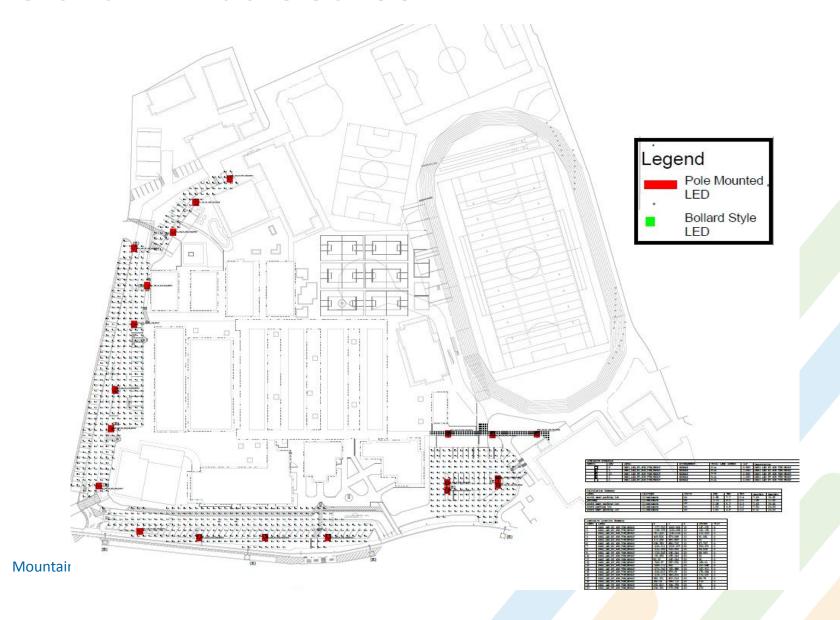
Crittenden Middle School



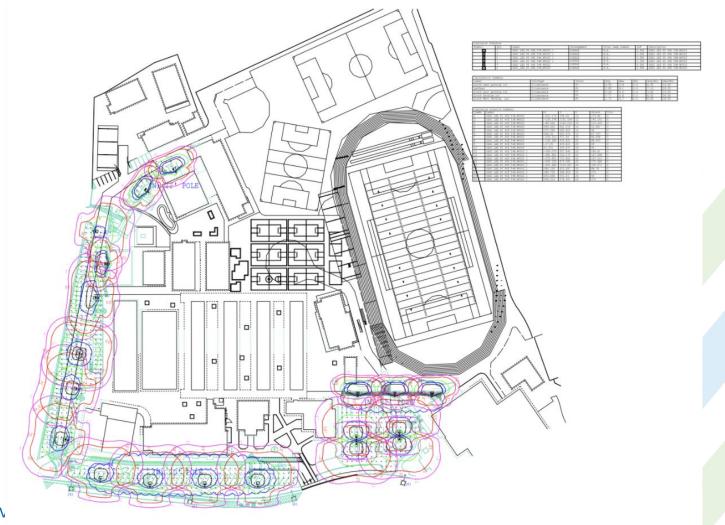
Crittenden Middle School Iso Diagram



Graham Middle School



Graham Middle School Iso Diagram



20

Huff Elementary School

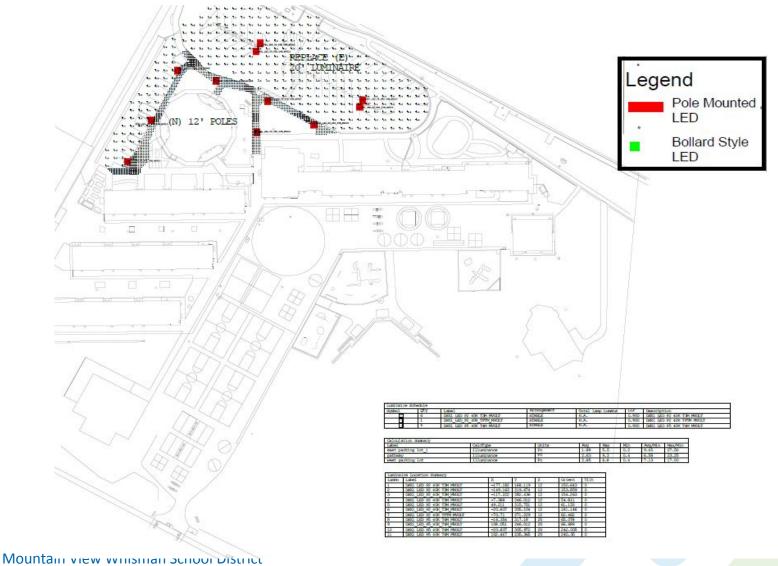


Huff Elementary Iso Diagram



22

Landels Elementary School

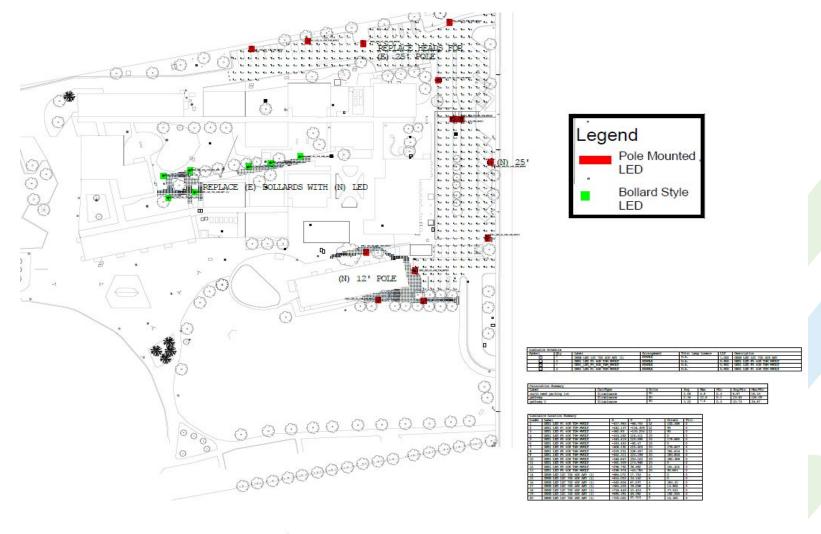


Landels Elementary School Iso Diagram

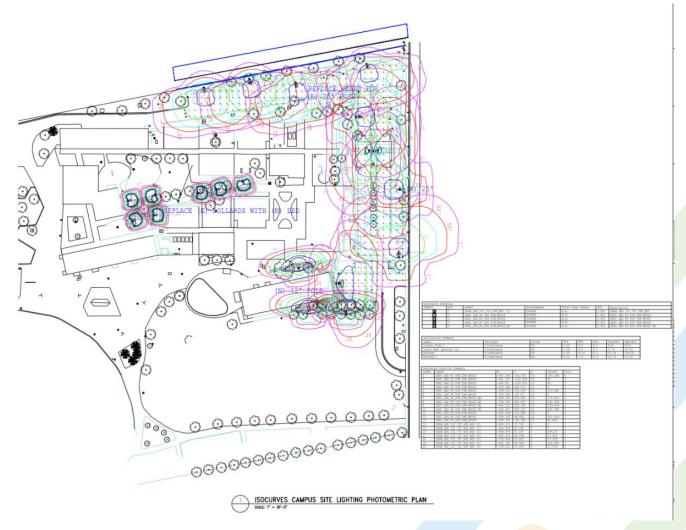


24

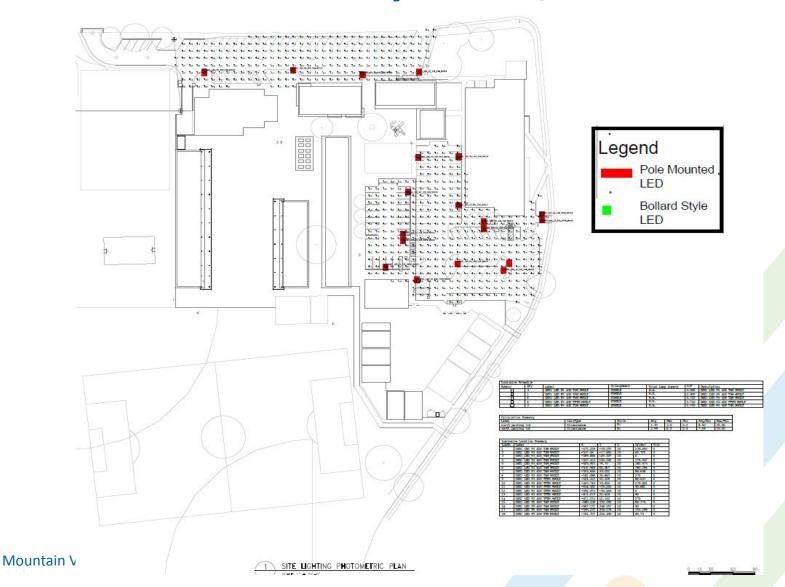
Monta Loma Elementary School



Monta Loma Elementary School Iso Diagram



Stevenson Elementary School/District Office



Stevenson Elementary/DO Iso Diagram



Additional Requests

- Castro requested lights on the backside of campus
- Landels requested additional lighting in the hallways
- Monta Loma requested additional lighting around the field pathways

Additional Requests

- Monta Loma requested to check lights or install lights in the hallways
- Bubb and Living Classroom had a concern around lights near the pollinator garden
- All items will be addressed through maintenance or the design process

Recap: Board and City Council Updates After Community Meetings

- June 3
 - staff will present feedback from the community to the Board of Trustees
- June 8
 - Tentatively, staff will present or provide a report to City Council on feedback received from the community
- June 17
 - staff will present schematic designs, budget, and timeline for approval from the Board of Trustees.



Photometric Survey

Photometric Survey

- A photometric survey was completed to identify problem areas where more light is needed.
- Vargas did not show a need for additional pathway lighting.
 - We held community meeting to determine if there is a need to proceed with additional lighting.
 - Vargas is a newer campus so some lighting had already been installed.



Thoughts and Questions