DSA **140**

# APPLICATION FOR SUBMITTAL OF POST-APPROVAL DOCUMENT

This application is for submittal of documents, after the initial approval of the project (post-approval documents), that require Division of the State Architect (DSA) review and approval.This form shall be completed by the Design Professional in General Responsible Charge of the project, in accordance with California Code of Regulations, Title 24, Part 1, Sections 4-317, 4-323 and 4-338 and in compliance with DSA IR A-6: Construction Change Document Submittal and Approval Process.

DSA documents referenced within this form are available on the DSA Forms or DSA Publications webpages.

**1. SUBMITTAL TYPE: (Is this a resubmittal? Yes ☐ No ☑)**

| Deferred Submittal ☐ | Addendum Number: 1 | Revision Number: | CCD Number: Category A ☐ or B ☐ |
|---|---|---|---|

**2. PROJECT INFORMATION:**

| School District/Owner: Murrieta Valley Unified School District | DSA File Number: 33 H18 |
|---|---|
| Project Name/School: Murrieta Mesa High School | DSA Application Number 04 125018 |

**3. APPLICANT INFORMATION:**

| Date Submitted: 02/16/26 | Attached Pages? No ☐ Yes ☑ Number of pages? 8 | | |
|---|---|---|---|
| Firm Name: DLR Group | Contact Name: Mehdi Hezaveh | | |
| Work Email: mhezaveh@DLRGROUP.com | Work Phone: (619) 795-7665 | | |
| Firm Address: 770 first Ave. Suite 300 San Diego CA 92101 | City: San Diego | State: CA | Zip Code: 92101 |

**4. REASON FOR SUBMITTAL: (Check applicable boxes)**

☑ For revision or addendum prior to construction. ☐ For a project currently under construction.

☐ For a project that has a form *DSA 301-N: Notification of Requirement for Certification*, *DSA 301-P: Posted Notification of Requirement for Certification* or a 90-Day Letter issued.

☐ To obtain DSA approval of an existing uncertified building or buildings.

☐ For Category B CCD this is: ☐ a voluntary submittal, ☐ a DSA required submittal (attach DSA notice requiring submission).

**5. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE:**

Name of the Design Professional In General Responsible Charge: Alfred Gessel

Professional License Number: C30244 Discipline: Architect

**Design Professional in General Responsible Charge Statement:** The attached post-approval documents have been examined by me for design intent and appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications. They are acceptable for incorporation into the construction of the project.

**Signature:** _____

*DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE*

**6. CONFIRMATION, DESCRIPTION AND LISTING OF DOCUMENTS:**

For addenda, revisions, or CCDs: CHECK THIS BOX ☑ to confirm that *all* post-approval documents have been stamped and signed by the Responsible Design Professional listed on form *DSA 1: Application for Approval of Plans and Specifications* for this project. (For *Deferred Submittals*, refer to *IR A-18: Use of Construction Documents Prepared by Other Professionals,* and *IR A-19: Design Professional's Signature and Seal (Stamp) on Construction Documents*, when applicable, for signature and seal requirements.)

Provide a brief description of construction scope for this post-approval document (attach additional sheets if needed):

This addendum incorporates additional Wi-Fi and conduits to address the infrastructure for the RGB lighting system.

List of DSA-approved drawings affected by this post-approval document:

The affected drawings and specifications are listed on the following addendum narrative sheet.

**DSA USE ONLY**

SSS_____ Date_____ ☐Approved ☐Disapproved ☐Not Required

Comments:_____

FLS_____ Date_____ ☐Approved ☐Disapproved ☐Not Required

Comments:_____

ACS_____ Date_____ ☐Approved ☐Disapproved ☐Not Required

Comments:_____

| Returned | DSA STAMP |
|---|---|
| Date: | |
| By: | |

February 17, 2026

# Pre-Bid ADDENDUM 2
## (DSA ADDUNDUM 1)

# Murrieta Mesa High School

Murrieta Valley Unified School District
41870 McAlby Ct.
Murrieta, CA 92562

App# 04-125018
File # 33-H18

DLR Group
770 1st Avenue, Suite 300
San Diego, CA 92101

Alfred Gessel,
License #C30244




## PART 1 - GENERAL

**1.1.** The following revisions and/or clarifications shall be made to the Bidding Requirements and Contract Documents. Revise and amend the Documents for the above-named project in accordance with this Addendum. The bid shall reflect these addendum changes, and each bidder shall make reference in their bid to this addendum.

**1.2.** All Bidding Requirements and Contract Documents shall apply to this addendum as originally indicated in the applicable portions of the contract documents, unless otherwise modified by this addendum.

**1.3.** Bid Scope Clarification:

**Customer Responsibilities:**

1. Complete access to the site for construction using standard 2-wheel drive rubber tire equipment.
2. Locate existing underground utilities not covered by your local utilities (i.e. water lines, electrical lines, irrigation systems, and sprinkler heads). Musco or Subcontractor will not be responsible for repairs to unmarked utilities.
3. Locate and mark field reference points per Musco supplied layout (i.e. home plate, center of FB field).
4. Ensure usability of existing underground wiring.
5. Pay any necessary power company fees and requirements.
6. Pay all permitting fees.
7. Provide any existing as-built documents or drawings.
8. Provide sealed Electrical Plans (if required).

**Musco Responsibilities:**

1. Provide required fixtures, electrical enclosures, mounts, hardware, wire harnesses, and control cabinets.
2. Provide poletop luminaire assembly
3. Provide fixture layout and aiming diagram.
4. Assist with post installation light test

February 17, 2026

# Pre-Bid ADDENDUM 2
## (DSA ADDUNDUM 1)

**Contractor Responsibilities**

**General:**

1. Obtain any required permitting.
2. All existing underground conduit and conductors to be re-used unless otherwise noted on one-line diagram sheet E7.1.
3. Contact the facility owner/manager to confirm the existing private underground utilities and irrigation systems have been located and are clearly marked to avoid damage from construction equipment. Notify owner and repair damage to marked utilities. Notify owner and Musco regarding damage which occurred to unmarked utilities.
4. Provide labor, equipment, and materials to offload equipment at jobsite per scheduled delivery.
5. Provide storage containers for material (including electrical components enclosures), as needed.
6. Provide necessary waste disposal and daily cleanup.
7. Provide adequate security to protect Musco delivered products from theft, vandalism, or damage during the installation.
8. Keep all heavy equipment off playing fields when possible. Repair damage to grounds which exceeds that which would be expected. Indentations caused by heavy equipment traveling over dry ground would be an example of expected damage. Ruts and sod damage caused by equipment traveling over wet grounds would be an example of damage requiring repair.
9. Provide startup and aiming as required to provide complete and operating sports lighting system.
10. Installation to commence upon delivery and proceed without interruption until complete. Musco to be immediately notified of any breaks in schedule or delays.
11. Complete and submit Musco provided closeout checklist including required pictures.

**Demolition:**

1. Remove and dispose of the existing fixtures, and electrical enclosures. This will include the recycling of lamps, aluminum reflectors, ballast, and steel, as necessary.
2. Leave existing ground wires and power feed in place for connection to new lighting equipment.

**Retrofit Musco Equipment to Existing Poles:**

1. Provide labor, materials, and equipment to assemble and install Musco TLC for LED® equipment on existing poles and terminate grounding and power feed. Power feed may need to be reworked to adapt to the new Musco equipment.
2. Ensure grounding components meet minimum standards required by NEC and NFPA780.
3. For concrete poles, provide new lightning down conductor(aluminum) and $^{5}/_{8}$ in copper ground rod. For poles 75 ft (22 m) or less use 1/0 AWG, poles over 75 ft (22 m) use 4/0 AWG conductor. Bond internal pole ground to new down conductor.
4. For steel poles, provide new ground rod and pole bonding conductor per NFPA Annex A.1.6.

5. Down conductor shall be converted to copper wire for any underground runs and bonded to
   ground rod(s).
6. Ensure all Musco components are bonded to both equipment and lightning grounds. No upward
   sweeps allowed for lightning down conductor or bonding jumper(s). See installation instructions
   for further information.
7. Test ground resistance with 3-point ground resistance test, using instructions provided. Confirm 25 ohms or less for each pole. Install additional ground rods or create grounding grid until resistance of 25 ohms or less is achieved. Record all results on form provided and submit readings to Musco.

**Electrical:**

1. Provide materials, and equipment to reuse existing electrical service panels as required.
2. Provide materials, and equipment per electrical design.
3. Complete electrical installation per Musco Control System Summary and Musco Best Practices: Supply Wiring Installation document. If there are any discrepancies between Musco documents and electrical plans (if present), notify your Musco contact.
4. Complete required insulation resistance tests on all current-carrying conductors per ANSI/NETA ATS-2021. Use the instructions and forms provided by Musco to provide test results to your Musco contact. Ensure conduits are full of water prior to testing. Any new conductors with resistance values less than (<) 100 MOhms - phase to ground - must be repaired or replaced to meet the standard. Any existing conductors with resistance values less than (<) 100 MOhms - phase to ground - must be reported to your Project Manager or Sales Coordinator.
5. Underground splices are strongly discouraged. Disconnects in light poles are rated for multiple conductors to allow for daisy-chains - if required by electrical plans. If underground splicing cannot be avoided, use only listed connector systems, rated for wet locations.
6. Provide as built drawings upon completion of installation.

**Control-Link® Control and Monitoring:**

1. Provide labor, equipment, and materials to install Musco control and monitoring cabinet(s) and terminate all necessary wiring as per one line diagram sheet E7.1.
2. Provide a dedicated 120 V 20 A controls circuit or a step-down transformer for 120 V control circuit if
   not available.
3. Check all zones to make sure they work in both auto and manual mode.
4. Commission Control-Link by contacting Control-Link Central™ at 877-347-3319.

**Show-Light® Controls**

1. Provide labor, equipment, and materials to install Musco control and monitoring cabinet(s), communication cabinet(s) and terminate all necessary wiring as per one line diagram sheet E7.1.
2. Provide a dedicated 120 V 20 A controls circuit or a step-down transformer for 120 V control circuit if not available.
3. Provide 24 AWG twisted wire pair cable. Recommended Belden 7937A or equal. Cable should be underground rated (working distance 1500 ft (457 m)).
4. Cable is terminated on surge protection device in both communication cabinet and control and monitoring cabinet. Drain wire is landed at surge device on control and monitoring cabinet. Communication cabinet requires earth ground.
5. Plug ethernet cable into port on the side of communication cabinet and bottom of touch screen (working distance 300 ft (91 m)).
6. Connect provided touch screen power supply. Requires 120 V outlet.
7. Provide audio cable ⅛ in (3.5 mm) plug from customer audio system to communication cabinet (land on Cueserver, must be within 50 ft (15 m)).
8. Land customer provided DMX cable in control and monitoring cabinet on DMX512 input terminals.
9. Check all zones to make sure they work in both auto and manual mode.
10. Commission Control-Link® by contacting Control-Link Central™ at 877-347-3319.

## CODE OF CONDUCT

In order to maintain a high-quality jobsite and installation, Subcontractor represents to Musco that it has the supervision necessary to, and shall train, manage, supervise, monitor, and inspect the activities of its employees for the purpose of enforcing compliance with these safety requirements. Subcontractor acknowledges that Musco does not undertake any duty toward Subcontractor's employees to train, manage, supervise, monitor, and inspect their work activities for the purpose of enforcing compliance with these safety requirements, but Subcontractor agrees to abide by any reasonable recommendations made by Musco or Musco representatives with respect to safety.

Contractor agrees that it is or will be familiar with and shall abide by the safety rules and regulations of Musco and the Owner, including, but not limited to the Occupational Safety and Health Act of 1970 (OSHA), all rules and regulations established pursuant thereto, and all amendments and supplements thereto.

Contractor further agrees to require all its employees, subcontractors, and suppliers to comply with these requirements. Subcontractor shall also observe and comply with all laws with respect to environmental protection applicable to the Project.

Contractor shall require all its subcontractors, employees, visitors, suppliers, and agents under its direction to comply with the following:

1. GENERAL JOBSITE SAFETY AND CLEANLINESS.

a. Contractor's employees and agents shall be required to wear appropriate personal protective equipment including, but not limited to, safety glasses with side shields, work shoes, fall protection devices, and hard hats.
b. Where a walking or working surface has an unprotected side or edge which is six feet or more above a lower level, Subcontractor shall use guardrail systems, safety net systems, or personal fall arrest systems.
c. Jobsite shall be kept free of debris including, but not limited to, cardboard and packing materials which can become windborne.
d. Construction equipment shall be parked during non-use in an orderly fashion so as not to create inconvenience to others using the jobsite.
e. Contractor shall provide for and ensure the use of safety equipment for the Project in accordance with Musco's and Owner's safety requirements, to the extent these may be stricter than federal, state, or local standards, or generally recognized industry applicable standards.
f. Subcontractor shall provide the Musco project manager with an "Emergency List" showing Subcontractor's designated medical doctor, hospital, insurance company, and any other health service providers, such list to be updated within 24 hours of any change in the information provided.
g. Within eight (8) hours from the time of an accident (or such shorter period as laws may require), Contractor shall advise Musco of any accident resulting in injury to any person or damage to any equipment or facility. Upon request, Subcontractor shall promptly furnish Musco with a written report of any such accident as well as a copy of all insurance and worker's compensation claims involving the Project.
h. Contractor shall maintain and inspect all construction equipment, including cranes and other lifting equipment, prior to each use. Subcontractor warrants that all equipment operators shall be qualified for each piece of construction equipment they intend to operate. Documentation of specific training is the responsibility of the Subcontractor.
i. Jobsite shall be policed daily for compliance to the above conditions.
j. Contractor's employees and agents are prohibited from using drugs and alcohol on the Project property or being under the influence of alcohol or drugs while performing work on the Project. Anyone observed participating in or observed under the influence will be removed from the Project immediately and prohibited from returning, with no exceptions.

2. CONFORMANCE TO STANDARD MUSCO INSTALLATION GUIDELINES.
   a. Review and understand installation instructions are provided with every product installation.
   b. Education of installation personnel to allow for highest efficiency and lowest possibility of failure.
   c. Verify that components have been assembled per Musco installation instructions.
   d. Verify plumb of concrete foundations prior to standing of poles.

3. PROVIDING A QUALITY INSTALLATION TEAM.
   a. Contractor's work directly reflects the quality of relate to the quality of the product upon which Musco's reputation is built.
   b. Provide and maintain quality installation equipment. Records of maintenance and/or calibration shall be provided upon request.
   c. Personnel shall be knowledgeable in operation of equipment as well as installation of Musco product

## PART 2 – PROJECT MANUAL

**2.1** CHANGES TO SPECIFICATION

NONE.

## PART 3 –DRAWINGS

**3.1** ELECTRICAL DRAWINGS ISSSUED

**3.1.1.** The following Addendum ("AD") drawings are issued:

**A.** Drawing E1.2 – ENLARGED SITE PLAN: Revised currently issued drawing per AD-E1.2

**B.** Drawing E7.1 – SPORT LIGHTING ONE LINE DIAGRAM: Revised currently issued drawing per AD-E7.1

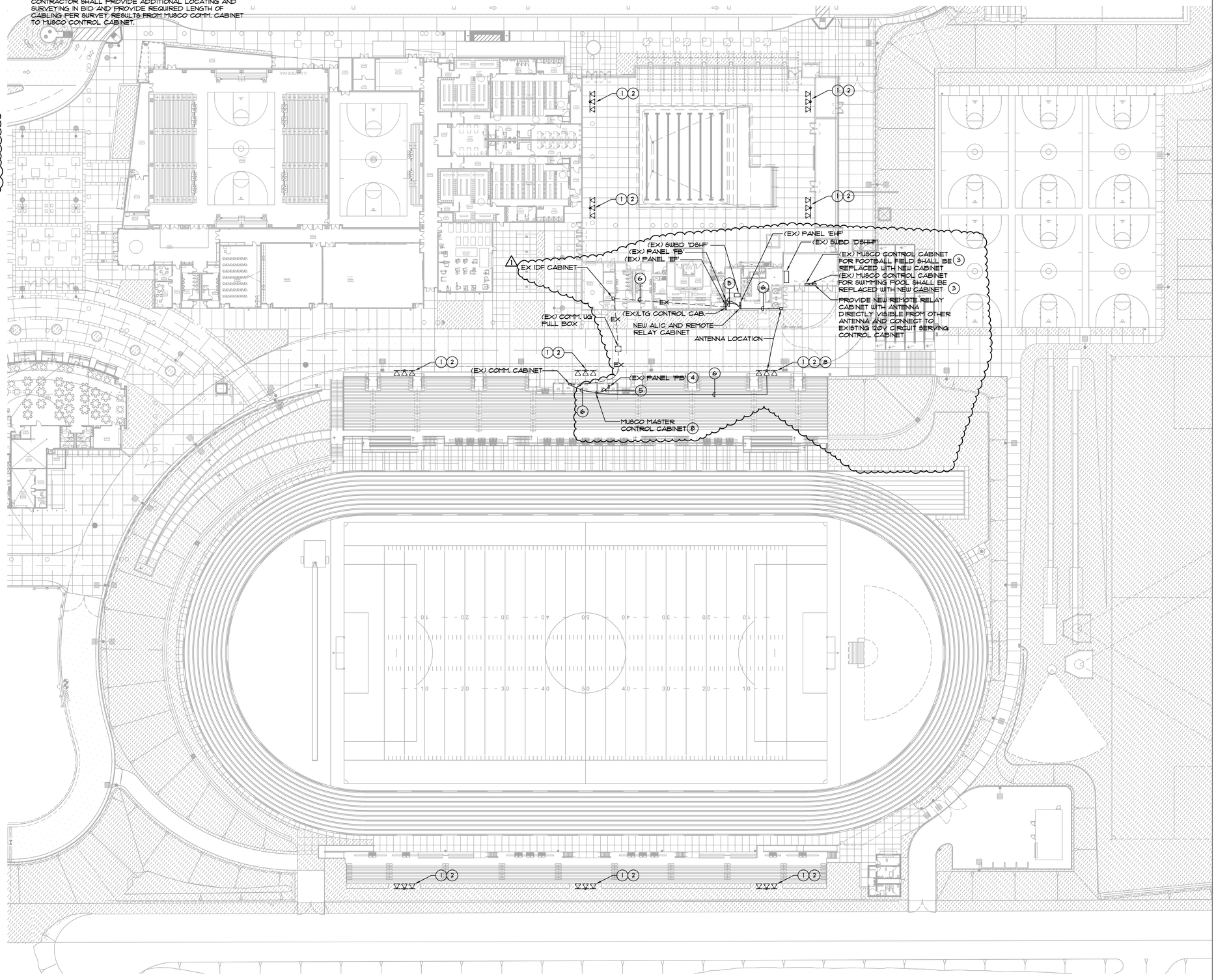
END OF ADDENDUM #1

## KEY NOTES:

1. EXISTING SPORTS LIGHTING POLE TO REMAIN. REMOVE EXISTING MUSCO' LIGHTS, CROSSARMS, CAPS, BRACKETS AND ALL OTHER EXISTING LIGHT FIXTURES SUPPORTS. REPLACE WITH NEW MUSCO LED LIGHTS, MUSCO FACTORY PROVIDED CROSSARMS, CAPS, BRACKETS AND ALL OTHER NEW LED LIGHT FIXTURE SUPPORTS . PROVIDE ALL REQUIRED MUSCO FACTORY WIRING EXTENSIONS, WIRING HARNESS, BRACKETS AND ALL NECESSARY PARTS TO MAKE A COMPLETE MUSCO SPORTS LIGHTING SYSTEM. EXTEND EXISTING NORMAL AND EMERGENCY LIGHTING CIRCUITS TO NEW LED LIGHT FIXTURES AS REQUIRED. COORDINATE ADDITIONAL REQUIREMENTS AND FIXTURE AIMING WITH MUSCO. PROVIDE BIRD SPIKES ON TOP OF MUSCO POLES, CROSS ARMS AND ALL NEW MUSCO LED LIGHT FIXTURES.
2. DISCONNECT AND REMOVE EXISTING BALLAST ENCLOSURE AND REPLACE WITH NEW COMPLETE AND FULLY FUNCTIONAL LED DRIVER ENCLOSURES AS REQUIRED.
3. ALL EXISTING CONDUCTORS SHALL REMAIN.
4. CONNECT TO EXISTING SPARE (1) 20A/1P BREAKER TO FEED MUSCO COMM. CABINET IN ANNOUNCER'S AREA.
5. 3/4"C. 2 #2, 1 #2 GND. EACH RUN.
6. PULL NEW CONTROLS CABLING THROUGH EXISTING CONDUIT FROM IDF ROOM TO GUTTER BELOW LIGHTING CONTROL CABINET IN ELECTRIC ROOM.
7. PROVIDE NEW 1"C. FROM REMOTE RELAY CABINET TO ANTENNA LOCATION. VERIFY EXACT LOCATIONS WITH MANUFACTURER.
8. PROVIDE NEW MASTER CONTROL CABINET WITH 1"C. FROM CONTROL CABINET TO POLE LOCATION. MOUNT ANTENNA ON POLE SO IT HAS DIRECT LINE OF SITE TO THE OTHER ANTENNAS

## GENERAL NOTES:

1. ALL JUNCTION BOXES SHOWN ON FLOOR PLAN SHALL BE NEMA 3R UNLESS OTHERWISE NOTED.
2. REFERENCE E7.1 FOR ADDITIONAL WIRING REQUIREMENTS.
3. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING UG PULL BOXES AND CONDUIT ROUTING. ROUTINGS SHOWN ON PLAN ARE BASED ON AS-BUILT DRAWINGS. CONTRACTOR SHALL PROVIDE ADDITIONAL LOCATING AND SURVEYING IN BID AND PROVIDE REQUIRED LENGTH OF CABLING PER SURVEY RESULTS FROM MUSCO COMM. CABINET TO MUSCO CONTROL CABINET.




## PARTIAL SITE PLAN

SCALE: 1" = 30' - 0"

1 / E1.2

DSA APPROVAL STAMP

DESIGN PROFESSIONAL STAMP

DLRGROUP

© DLR Group

DLR GROUP PROJECT #: 75-25240-00

JOHNSON
CONSULTING ENGINEERS, INC.
Power | Lighting | Multimedia
Communications | Data Networking
12875 Brookprinter Place, Suite 300
Poway, CA 92064
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REGISTERED PROFESSIONAL ENGINEER
No. E 14781
Exp. 6-30-2027
ELECTRICAL
STATE OF CALIFORNIA

#25044 3/18/2026

# MVUSD ATHLETIC LIGHTING UPGRADE

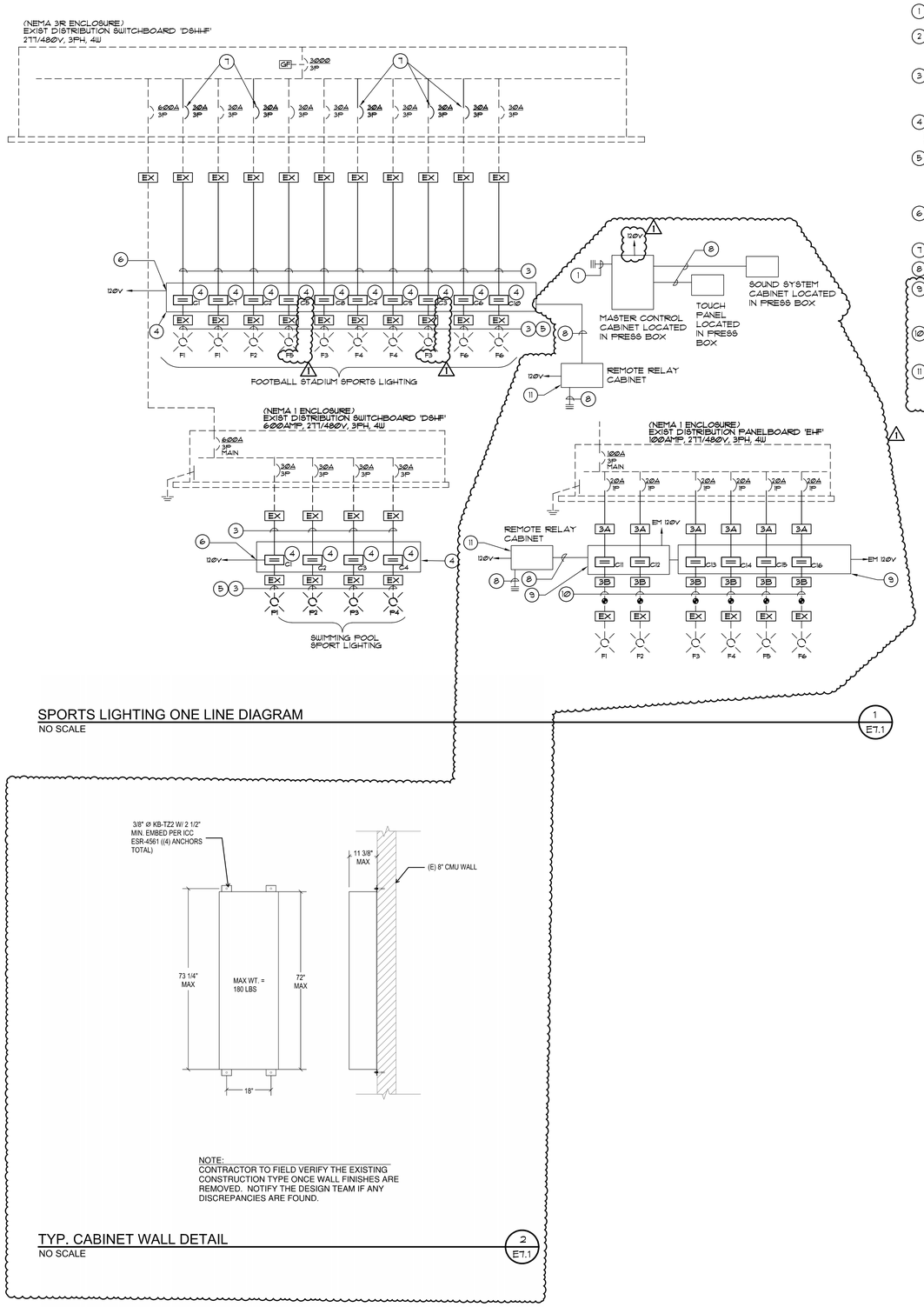
Murrieta Mesa High School, 24801 Monroe, Murrieta, CA 92562

SUBMITTAL TITLE

Project Issue Date
Revisions
1 2/16/2026 ADDENDUM 1

ENLARGED SITE PLAN

**E1.2**




SPORTS LIGHTING ONE LINE DIAGRAM
NO SCALE

1 E7.1




NOTE:
CONTRACTOR TO FIELD VERIFY THE EXISTING CONSTRUCTION TYPE ONCE WALL FINISHES ARE REMOVED. NOTIFY THE DESIGN TEAM IF ANY DISCREPANCIES ARE FOUND.

TYP. CABINET WALL DETAIL
NO SCALE

2 E7.1

GENERAL NOTES:

1. UNLESS WHERE OTHERWISE NOTED, ALL WORK INDICATED ON THESE DRAWINGS SHALL BE CONSIDERED NEW WORK.

KEY NOTES:

1. PROVIDE FIELD INSTALLED NEUTRAL KIT IN THE CABINET AND CONNECT IN AND OUT NEUTRAL CONDUCTORS.
2. DISCONNECT AND REMOVE EXISTING 40A/3P BREAKER AND REPLACE WITH A NEW 30A/3P BREAKER. RECONNECT EXISTING CIRCUIT TO NEW BREAKER AS REQUIRED.
3. EXISTING INCOMING LIGHTING CIRCUIT CONDUIT AND CONDUCTORS TO REMAIN. EXTEND TO DESIGNATED LIGHTING CONTACTOR DOWNSTREAM SHOWN ON ONE LINE DIAGRAM AS REQUIRED.
4. RECONNECT INCOMING AND OUTGOING LIGHTING CIRCUITS TO ALL NEW CONTACTORS IN NEW SPORTS LIGHTING ENCLOSURE AS REQUIRED. (1)
5. EXTEND AND RECONNECT EXISTING OUTGOING LIGHTING CIRCUITS TO DESIGNATED CONTACTORS UPSTREAM IN SPORTS LIGHTING CONTROL CABINETS AND POLE NEW DRIVER ENCLOSURES AND LED LIGHTING FIXTURE HEADS DOWNSTREAM SHOWN ON ONE LINE DIAGRAM AS REQUIRED.
6. EXISTING CONTROL CABINET TO BE REPLACED WITH NEW CONTROL CABINET. RECONNECT TO EXISTING 120V CONTROL CIRCUIT.
7. REPLACE EXISTING 40A/3P BREAKER WITH 30A/3P.
8. PROVIDE WIRING PER MANUFACTURER'S REQUIREMENTS.
9. PROVIDE NEW ALIC CABINET WITH (2) 1-1/4"C. BETWEEN LIGHTING INVERTER AND CABINET. PROVIDE EMERGENCY POWER FROM PANEL 'EF'. PROVIDE 2#12,#12GND FROM PANEL TO EACH ALIC CABINET. (1)
10. INTERCEPT EXISTING CONDUCTORS AND ROUTE NEW CONDUCTORS FROM ALIC THROUGH THE EXISTING CONDUITS OUT OF PANEL EHF.
11. PROVIDE REMOTE RELAY CABINET AND 1"C. FROM CABINET TO ANTENNA LOCATION. VERIFY EXACT LOCATION WITH MUSCO AS REQUIRED. ANTENNAS MUST BE IN DIRECT LINE OF SIGHT OF EACH OTHER.

600Volt Feeder Schedule

| I.D. | Type | Ampacity | Copper Conduit | Copper Conductors | Aluminum Conduit | Aluminum Conductors |
|---|---|---|---|---|---|---|
| 2A | | 20 | (1) | 3/4" \| 3 # 12, 1# 12 Gnd | NA | NA |
| 2B | | 20 | (1) | 3/4 \| 4 # 12, 1# 12 Gnd | NA | NA |
| 3A | | 30 | (1) | 3/4 \| 3 # 10, 1# 10 Gnd | NA | NA |
| 3B | | 30 | (1) | 3/4 \| 4 # 10, 1# 10 Gnd | NA | NA |
| 4A | | 40 | (1) | 1" \| 3 # 8, 1# 10 Gnd | NA | NA |
| 4B | | 40 | (1) | 1" \| 4 # 8, 1# 10 Gnd | NA | NA |
| 5A | | 50 | (1) | 1" \| 3 # 6, 1# 10 Gnd | NA | NA |
| 5B | | 50 | (1) | 1" \| 4 # 6, 1# 10 Gnd | NA | NA |
| 6A | | 60 | (1) | 1 1/4 \| 3 # 4, 1# 8 Gnd | NA | NA |
| 6B | | 60 | (1) | 1 1/4 \| 4 # 4, 1# 8 Gnd | NA | NA |
| 7A | | 70 | (1) | 1 1/4 \| 3 # 4, 1# 8 Gnd | NA | NA |
| 7B | | 70 | (1) | 1 1/4 \| 4 # 4, 1# 8 Gnd | NA | NA |
| 8A | | 80 | (1) | 1 1/4 \| 3 # 3, 1# 8 Gnd | NA | NA |
| 8B | | 80 | (1) | 1 1/4 \| 4 # 3, 1# 8 Gnd | NA | NA |
| 9A | | 90 | (1) | 1 1/2" \| 3 # 2, 1# 8 Gnd | NA | NA |
| 9B | | 90 | (1) | 1 1/2" \| 4 # 2, 1# 8 Gnd | NA | NA |
| 10A | | 100 | (1) | 1 1/2" \| 3 # 1, 1# 6 Gnd | NA | NA |
| 10B | | 100 | (1) | 1 1/2" \| 4 # 1, 1# 6 Gnd | NA | NA |
| 12A | | 125 | (1) | 2" \| 3 # 1, 1# 6 Gnd | (1) | 2" \| 3 # 2/0, 1# 3 Gnd |
| 12B | | 125 | (1) | 2" \| 4 # 1, 1# 6 Gnd | (1) | 2" \| 4 # 2/0, 1# 3 Gnd |
| 15A | | 150 | (1) | 2" \| 3 # 1/0, 1# 6 Gnd | (1) | 2" \| 3 # 3/0, 1# 3 Gnd |
| 15B | | 150 | (1) | 2" \| 4 # 1/0, 1# 6 Gnd | (1) | 2" \| 4 # 3/0, 1# 3 Gnd |
| 17A | | 175 | (1) | 2" \| 3 # 2/0, 1# 6 Gnd | (1) | 2" \| 3 # 4/0, 1# 3 Gnd |
| 17B | | 175 | (1) | 2" \| 4 # 2/0, 1# 6 Gnd | (1) | 2" \| 4 # 4/0, 1# 3 Gnd |
| 20A | | 200 | (1) | 3" \| 3 # 3/0, 1# 4 Gnd | (1) | 3" \| 3 # 250, 1# 2 Gnd |
| 20B | | 200 | (1) | 3" \| 4 # 3/0, 1# 4 Gnd | (1) | 3" \| 4 # 250, 1# 2 Gnd |
| 22A | | 225 | (1) | 3" \| 3 # 4/0, 1# 4 Gnd | (1) | 3" \| 3 # 300, 1# 2 Gnd |
| 22B | | 225 | (1) | 3" \| 4 # 4/0, 1# 4 Gnd | (1) | 3" \| 4 # 300, 1# 2 Gnd |
| 25A | | 250 | (1) | 3" \| 3 # 250, 1# 4 Gnd | (1) | 3" \| 3 # 400, 1# 2 Gnd |
| 25B | | 250 | (1) | 3" \| 4 # 250, 1# 4 Gnd | (1) | 3" \| 4 # 400, 1# 2 Gnd |
| 30A | | 300 | (1) | 3" \| 3 # 350, 1# 4 Gnd | (1) | 3" \| 3 # 500, 1# 2 Gnd |
| 30B | | 300 | (1) | 3" \| 4 # 350, 1# 4 Gnd | (1) | 3" \| 4 # 500, 1# 2 Gnd |
| 2C | | 20 | (1) | 1/2" \| 2 # 12, 1# 12 Gnd | NA | NA |
| 3C | | 30 | (1) | 3/4" \| 2 # 10, 1# 10 Gnd | NA | NA |
| 4C | | 40 | (1) | 3/4" \| 2 # 8, 1# 10 Gnd | NA | NA |
| 5C | | 50 | (1) | 1" \| 2 # 6, 1# 10 Gnd | NA | NA |
| 6C | | 60 | (1) | 1 1/4" \| 2 # 4, 1# 8 Gnd | NA | NA |
| 7C | | 70 | (1) | 1 1/4" \| 2 # 4, 1# 8 Gnd | NA | NA |
| 8C | | 80 | (1) | 1 1/4" \| 2 # 3, 1# 8 Gnd | NA | NA |
| 9C | | 90 | (1) | 1 1/4" \| 2 # 2, 1# 8 Gnd | NA | NA |
| 10C | | 100 | (1) | 1 1/4" \| 2 # 1, 1# 6 Gnd | NA | NA |
| | | | | | | |
| 15C | | 150 | (1) | 2" \| 2 # 1/0, 1# 6 Gnd | NA | NA |
| 17C | | 175 | (1) | 2" \| 2 # 2/0, 1# 6 Gnd | NA | NA |

600V FEEDER SCHEDULE GENERAL NOTES:

1. ALL CONDUCTOR SHALL BE PROVIDED WITH TYPE THHN-2 INSULATION. REFERENCE SPECIFICATION SECTION 26 05 19 (16120) FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE 60 DEGREE COPPER/ALUMINUM RATED TERMINATION FOR ALL FEEDERS SIZED WITH #2 OR SMALLER CONDUCTORS. PROVIDE 75 DEGREE COPPER/ALUMINUM RATED TERMINATIONS FOR ALL FEEDERS SIZED WITH #1 OR LARGER CONDUCTORS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING LUG CONFIGURATION AN ALL EQUIPMENT, BREAKER OF DISCONNECTS TO MATCH FEEDER CONFIGURATIONS INDICATED.
4. WHERE MULTIPLE CONDUIT QUANTITIES ARE INDICATED, CONDUCTOR QUANTITIES AND SIZES SHOWN IN SCHEDULE SHALL BE PROVIDED IN EACH CONDUIT.

NOT APPLICABLE

DSA APPROVAL STAMP

DESIGN PROFESSIONAL STAMP

DLR GROUP

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DLR GROUP PROJECT #: 75-25240-00

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REGISTERED PROFESSIONAL ENGINEER
No. E 14781
Exp. 6-30-2027
ELECTRICAL
STATE OF CALIFORNIA

#25044 3/18/2026

# MVUSD ATHLETIC LIGHTING UPGRADE

Murrieta Mesa High School, 24801 Monroe, Murrieta, CA 92562

100%CD

12/01/2025
Revisions
1 2/16/2026 ADDENDUM 1

SPORTS LIGHTING ONE LINE DIAGRAM

**E7.1**