GENE	RAL
6000	COVER SHEET
ARCHI	TECTURAL
Aloo	COMPOSITE CAMPUS PLAN
A800	ELEVATION
A8OI	SPECIFICATIONS
A802	SPECIFICATIONS

STRUCTURAL

GENERAL NOTES & DETAILS

ELECTRICAL

Eloo PARTIAL ELECTRICAL SITE PLAN - HEATON EBOO ELECTRICAL SYMBOLS SCHEDULES & NOTES

SHEET INDEX

PROJECT ARCHITECT

TETER, LLP 7535 N. PALM SUITE 201 FRESNO, CALIFORNIA 93711 (559) 437-0887

CONTACT: ROBERT THORNTON

STRUCTURAL ENGINEER

TETER, LLP 7535 N. PALM SUITE 201 FRESNO, CALIFORNIA 93711 (559) 437-0887

CONTACT: MARK CRAWFORD

ELECTRICAL ENGINEER

TETER LLP 7535 N. PALM SUITE 201 FRESNO, CALIFORNIA 93711 (559) 431-0887

CONTACT: BRYAN GLASS

NEW MARQUEE SIGN AT MUNSEY ELEMENTARY SCHOOL BAKERSFIELD CITY SCHOOL DISTRICT



APP03 116874

DSA APPLICATION NO. 03-11/374

FILE NO. 15-6

AC FLS SSTB

PROJECT DESCRIPTION: PROJECT CONSISTS OF INSTALLATION OF CONCRETE FOUNDATIONS AND ELECTRICAL POWER/DATA FOR NEW MARQUEE SIGNS AT FRANK WEST ELEMENTARY.

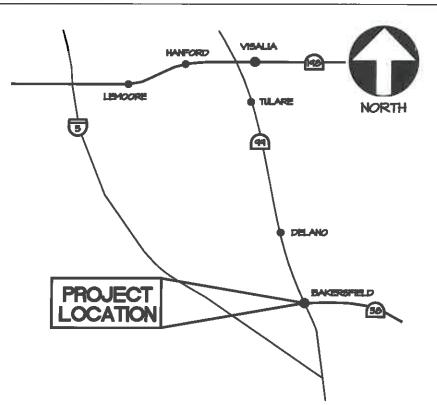
GOVERNING CODES:

TITLE 24, CALIFORNIA CODE OF REGULATIONS CALIFORNIA BUILDING CODE, 2013 EDITION CALIFORNIA PLUMBING CODE, 2013 EDITION CALIFORNIA MECHANICAL CODE, 2013 EDITION

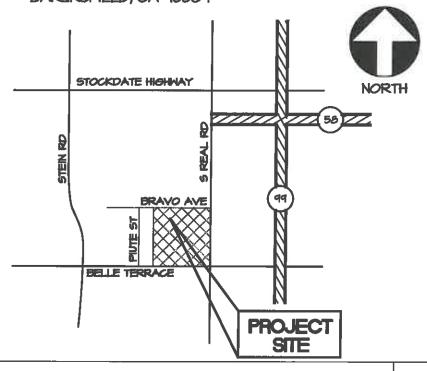
CALIFORNIA FIRE CODE, 2013 EDITION NFPA 13, 2002 EDITION

NFPA 24, 2002 EDITION ADA ACCESSIBLE GUIDELINES (ADAAG)

NOTE: CLASS 3 INSPECTOR REQUIRED.



PROJECT ADDRESS: 380I BRAVE AVE BAKERSFIELD, CA 93309



PROJECT DIRECTORY

LOCATION MAP

N.T.S.

VICINITY MAP

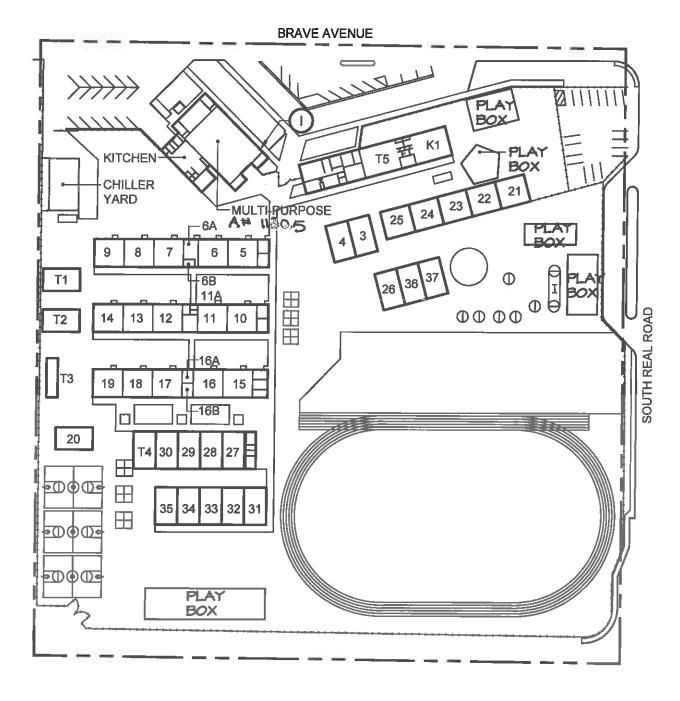
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TETER, LLP

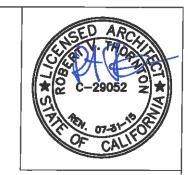
7535 N. PALM AVE. 201 FRESNO, CA 93711 | 569,437,0447 125 S. BRIDGE ST. 160 VISALIA, CA 73271 | 557.425,5246 1209 DISCOVERY DR. 160 BAKERSFIELD, CA 93307 | 641,841,8400 1130 K STREET 225 SACRAMENTO, CA 95014 | 914.530.4243 **NEW MARQUEE SIGN AT MUNSEY ES** BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD, CA

JOB NUMBER: 15-9665.00 DWG. DATE: 06/04/15 G000







KEYNOTES:

I. (E) WALL MOUNTED SIGN TO BE REMOVED, REPLACE W (N) WALL MOUNTED SIGN, SEE

> EXENTERNATION STALP DIV. OF THE STATE ARCHITECT

APPES [16874







TETER, LLP

7835 N. PALM AVE. 201 FRESNO, CA 93711 | 587.437,0007 128 S. BRIDGE ST. 108 VISALIA, CA 92871 | 587.425.8246 1200 DECOMERY DR. 108 BAKERSFIELD, CA 93509 | 441.042,000 1180 K STREET 225 SAGRAMENTO, CA 98014 | 916,838.4242 NEW MARQUEE SIGN AT MUNSEY ES BAKERSFIELD CITY SCHOOL DISTRICT

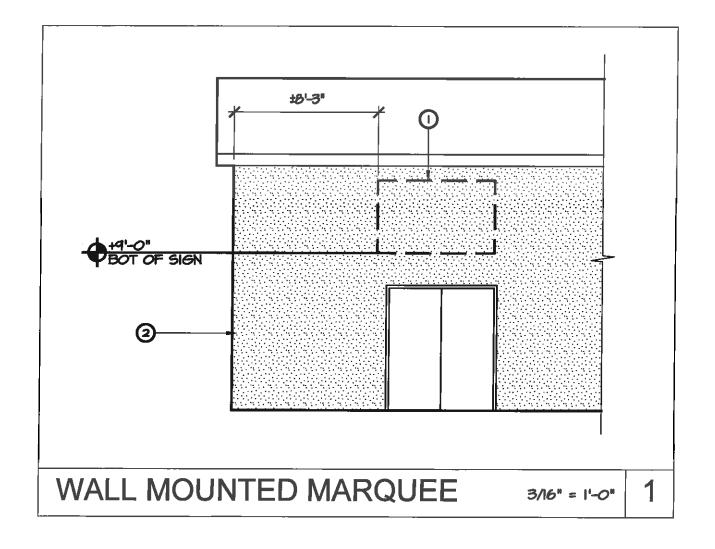
BAKERSFIELD, CA

JOB NUMBER: 15-9665.00 DWG, DATE:

06/04/15

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- (1) WALL MOUNTED MARQUEE SIGN, SEE STRUCTURAL SHEETS
- 2 EXISTING WALL TO REMAIN, SEE SIOO FOR ATTACHMENT





LANDAMINATION STATAP
BIV. OF THE STATE ARCHITECT

APPRO 116874



TETER, LLP

126 S. BRIDGE ST. 150 VISALIA, CA 93291 | 559.628,5246 1200 DISCOVERY DR. 146 BACERSTELD, CA 19307 | 441,041,640 1180 K STREET 225 SAGRAMENTO, CA 95814 | 916,530,6262 **NEW MARQUEE SIGN AT MUNSEY ES** BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD, CA

JOB NUMBER: 15-9665.00 DWG. DATE:

6/4/15

A800

DIVISION 00 CONTRACT REQUIREMENTS SECTION 00 7000 GENERAL CONDITIONS

A. The Contractor Shall:

- i. Provide all labor, materials, equipment transportation, storage, and service necessary to properly complete the Work.
- 2. Prior to beginning construction:
 - a. Review the Drawings and Specifications, inspect the site and verify all dimensions and existing conditions.
 - b. File a statement with the Owner Identifying any conflicts with the Drawings and Specifications, any omissions or errors in the Drawings and Specifications and any discrepancies between the design and job site conditions. If the Contractor finds no such conflicts, errors, omissions, or discrepancies, Contractors statement shall so state. The Owner reserves the right to require the Contractor to remove Work completed prior to submitting above statement.
- 3. Provide certificates of insurance prior to commencement of any work to evidence Workmen's Compensation and employee liability coverage, and comprehensive general liability insurance.
- 4. The Contractor acknowledges that:
 - a. Construction Documents are schematic, two dimensional representations of the proposed Work utilizing scaled drawings and details. Construction of the proposed Work in three dimensions at full size can be expected to reveal job site conditions and problems which could not be reasonably delineated.
- 5. Contractor shall not scale drawings. Where dimensions are required and not indicated on the drawings, Contractor shall request same from Architect.

B. Warranty

- I. The Contractor shall warrant the Work, including those portions performed under subcontract, for a period of one year from the date of final written acceptance by the Owner.
- 2. No other warranties are expressed or implied.

DIVISION 01 GENERAL REQUIREMENTS SECTION 01 0000 PROJECT REQUIREMENTS

A. Summary

I. This project consists of two wall mounted marquee signs.

One sign is mounted on and existing building and will require contractor to install blocking within wall framing.

- Wall will be open inside the classroom space for access. All electrical and data will be provided by the owner and only final connection is contractors responsibility.
- 2. All of the following Specification Sections shall comply with this Section.

B. Project Requirements

- I. Contractors Use of Premises and Adjacent Facilities:
 Contractor to coordinate construction yard and site
 access with the Owner. Contractor is not to disturb or
 encroach upon neighboring properties. Each Contractor's
 use of premises is limited only by Owner's right to
 perform work or retain other Contractors on portions of
 the project.
- 2. Apply for, obtain, and pay for all building permits required to perform the Work. Submit copies of receipts for reimbursement by Owner.

C. Intent

- I. Drawings and Specifications are intended to provide the basis for proper completion of the Project suitable for the intended use of the Owner.
- 2. Items not expressly set forth but which are reasonably implied or necessary for the proper performance of the Work shall be included.
- 3. Details marked "TYPICAL" shall apply in all cases unless specifically indicated otherwise.

D. Coordination

- 1. Coordinate construction activities to assure efficient and orderly installation of each part of the Work.
- 2. Prepare coordination drawings for areas above ceilings where close tolerances are required between building elements and mechanical and electrical work.
- Verify location of utilities and existing conditions. Notify Architect of conditions differing from those indicated on the Drawings.
- 4. Verify dimensions on Drawings with dimensions at the project. Do not scale Drawings.
- 5. Require the installer of each major component to inspect both the substrate and conditions under which work is to be performed. Do not proceed until unsatisfactory conditions have been corrected in an acceptable manner.
- 6. Comply with the manufacturer's written instructions and recommendations to the extent that those instructions and recommendations are more explicit or stringent than requirements contained herein.
- 7. inspect materials or equipment immediately upon delivery, and again prior to installation. Reject damaged or defective items.

8. Recheck all dimensions and measurements prior to each installation.

E. Cutting and Patching

- I. Provide cutting and patching work required to restore surfaces to original conditions.
- 2. Do not remove or alter structural components without written approval from the Architect.
- 3. Cut with tools appropriate for materials to be cut.
- 4. Do not cut and patch construction in a manner that results in visual evidence of cutting and patching as viewed from a distance of five feet.
- 5. Do not cut and patch in a manner that would result in failure of the Work to perform as intended, decrease fire performance, decrease acoustical performance, decrease energy performance, decrease operational life, or decrease safety factors.

F. Submittals

- I. All submittals to be delivered to the Owner via the Design Architect. The Design Architect will distribute as required to other parties.
- 2. Submit a Contractor's Construction Schedule to the Owner
- 3. Submit for approval all submittals listed in each Section with the following electronic copy in .pdf format:
 - a. Shop Drawing reviewed and annotated by the Contractor
 - b. Product Data
 - c. Test Reports
 - d. Warranties
 - e. Other Submittals
- 4. Submit for approval all submittals listed in each Section with the following number of copies: (2 copies will be returned)
- a. Samples: 3 sets full size, fully fabricated samples.
 5. Include details of construction and adjacent construction in shop drawings. Clearly indicate any deviations from requirements of the Contract Documents. Fabricate material from approved shop drawings only.
- 6. Request selection of colors and accessories in sufficient time to avoid delaying the progress of the Work.
- 7. Contractor acknowledges that the review of detailed shop drawings and/or equipment brochures is for the benefit of the Contractor and does not relieve the Contractor of responsibility to perform the Work in accordance with the Contract Documents.
- 8. Coordinate preparation and processing of submittals with performance of construction activities.
- Do not reproduce Contract Documents or copy standard Information as the basis for shop drawings.

SPECIFICATIONS



TETER, LLP

7535 M. PALM AVE. 201 FRESND, CA 93711 | 589.437,0087 128 S. URIDGE ST. 158 VISALIA, CA 93271 | 589.625.5246 1300 DISCOVERY DR. 140 BAKERSHELD, CA 9309 | 441,843,8409 1138 K STREET 228 SACRAMENTO, CA 95814 | 914,538,4242 NEW MARQUEE SIGN AT MUNSEY ES BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD, CA

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JOB NUMBER: 15-9665.00 DWG. DATE: 06/04/15

6. Quality Assurance

- I. Comply with applicable codes, regulations, ordinances and requirements of authorities having jurisdiction including accessibility guidelines. Applicable code regulations, requirements, and guidelines including, but not limited to the following:
 - a. 2013 California Building Code
 - b. 2013 California Plumbing Code
 - c. 2013 California Mechanical Code
 - d. 2013 California Fire Code
 - e. 2013 California Electric Code
 - f. 2013 California Building Code, Title 24, California Code of Regulations, Chapter IIB, for accessibility requirements.
 - g. Americans with Disabilities Act (ADA)
 - h. Cal 0.5.H.A.
- 2. Installer Qualifications: A firm or individual experienced in installing, erecting, or assembling work similar in material, design, and extent to that indicated for this Project, whose work has resulted in construction with a record of successful in-service performance.
- 3. Manufacturer Qualifications: A firm experienced in manufacturing products or systems similar to those indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.
- 4. Clean and protect construction in progress and adjoining materials in place.
- 5. Deliver, handle and store materials in strict accordance with manufacturer's written instructions, using means and methods that will prevent damage, deterioration, and loss. Deliver in original, unopened/sealed containers.
- 6. Use of any supplier or subcontractor is subject to Owner's approval.
- 7. Contractor shall maintain a full-time, qualified Superintendent on site.

H. Temporary Facilities

- Provide temporary facilities and connections required for proper completion of the Project, except as noted below:
 - a. Owner to provide power # water.
- 2. Provide temporary protection for adjacent existing common areas to prevent contamination from dust and debris.

J. Installation

- I. Inspect substrates and report unsatisfactory conditions in writing.
- 2. Do not proceed with installation until unsatisfactory conditions have been corrected. Any finishes or subsequent installations over unsatisfactory substrates shall be replaced by the Contractor at no additional

- cost to the Owner.
- 3. Take field measurements prior to fabrication where practical.
- 4. Install materials in strict accordance with manufacturer's instructions and approved submittals. Anchor each product securely in place, accurately located, and aligned with other work.
- 5. Install materials in proper relation with adjacent construction with proper appearance.
- 6. Restore units damaged during installation. Replace units which cannot be restored at no additional cost to the Owner.
- 7. Read and follow all referenced I.C.B.O. reports for installation of items shown. Alternate methods of construction may be submitted for approval.

K. Materials

- I. All materials and equipment shall be new and unused products unless expressly reviewed and approved by the Architect in writing that specific products may be used in the construction.
- 2. TETER does not specify or recommend the use or installation of any material or equipment which is made from or which contains asbestos for use in the construction of this project. Any party installing or using such materials or equipment shall be solely responsible for all injuries, damages, or liabilities of any kind, caused by the use of such materials or equipment. The provisions of this note shall apply unless expressly waived in writing by TETER.
- 3. All composite wood and agrifiber products and all laminating adhesives used throughout the Project shall not contain add urea-formaldehude resins.

L. Close Out

- I. Prepare punch list for incomplete or unacceptable work for review by the Owner.
- 2. Complete all item on the punch list promptly to satisfaction of the Architect at no additional cost to the Owner.
- 3. Submit accurate record documents of the Work. Submit record documents, (drawings) on reproducible media. Include dimensioned locations of site utilities, and utilities concealed by construction, changes in the Work by Change Order, and Addenda. Submit record specifications with annotations of revisions and changes. Submit record product data and listing of products used. Provide one copy of record specifications and one copy of record submittals.
- 4. Submit three copies of operating manuals, maintenance manuals and warranty certificates. Provide instruction

- by manufacturer representative for building systems.
- 5. Clean each surface or unit to the condition expected in a normal commercial building cleaning and maintenance program. Comply with manufacturer's written instructions.
- 6. Product documentation for all products shall be submitted to the Architect as confirmation of use of the approved products.

DMSION 11 EQUIPMENT

A. General Requirements

I. Notes on the Drawings shall take precedence over this specification section.

B. Summary

1. Pre manufactured product incorperated into the design

C. Product

I. All sign cabinets will meet or exceed all applicable requirements of the title 24 CBC 2013 edition. These signs are to be based on exposure "C" conditions with wind speeds of 115 mph min.



SPECIFICATIONS



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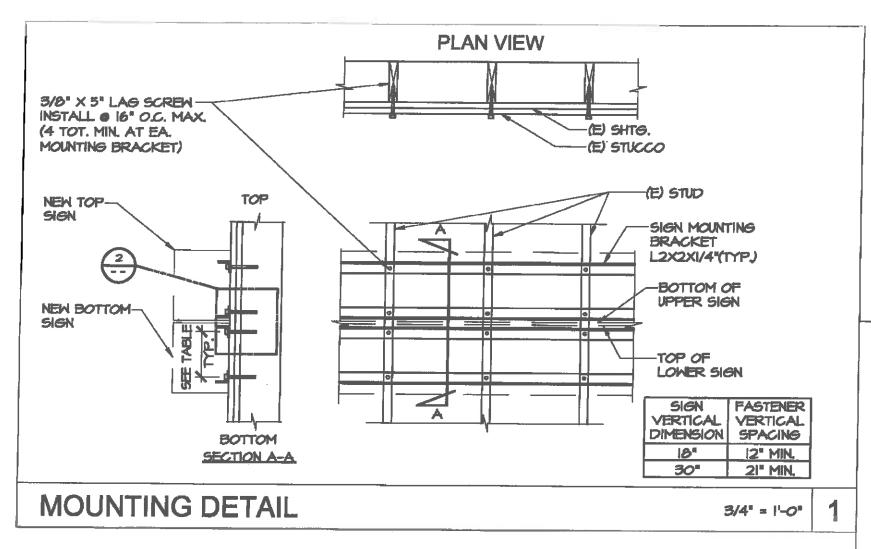
NEW MARQUEE SIGN AT MUNSEY ES BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD, CA

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JOB NUMBER: 15-9665.00 DWG. DATE: 06/04/15



GENERAL CONNECTOR NOTES:

USE 3/8" DIAMETER X 5" LONG LAG SCREWS PER ANSI/ASME STANDARD 18.2.1 WITH A MINIMUM F-YB VALUE OF 45,000 PSI.

PRE DRILL INSTALLATION HOLES IN THE (E) STUDS FOR EACH LAG SCREW AS POLLOWS:

USE 3/0" DIAMETER HOLE FOR THE LENGTH OF THE UNTHREADED PORTION OF THE SCREW, USE 3/16" DIAMETER HOLE FOR THE LENGTH OF THE THREADED PORTION OF THE SCREW.

LAG SCREW SHALL BE INSTALLED AT THE C.L., OF THE STUD. THE SCREWS MAY BE INSTALLED WITH A MINIMUM DISTANCE BETWEEN LAG SCREWS OF 5"

STEEL ANGLES SHALL BE PER ASTM A36 GALVANIZED PER ASTM 123.

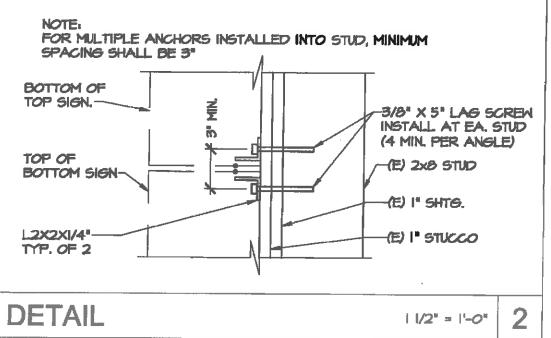
BOLTS ATTACHING THE ANGLES ON THE SIGN (BY SIGN MANUFACTURER) TO THE WALL MOUNT ANGLES SHALL BE 3/6" DIAMETER (MIN.) ASTM A307 BOLTS WITH ASTM A563 GD. A NUTS. USE 4 BOLTS MINIMUM AT EACH WALL MOUNT ANGLE. BOLTS AND NUTS SHALL BE HOT-DIP GALVANIZED PER ASTM A153



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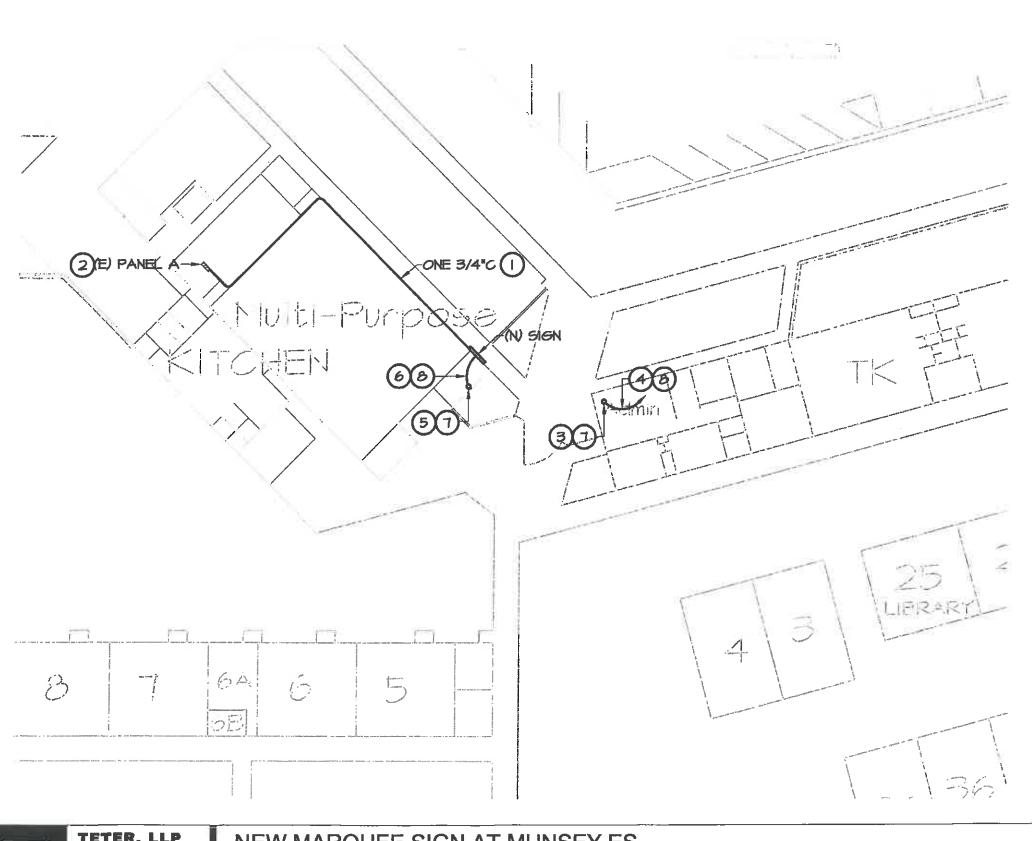


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 NEW MARQUEE SIGN AT MUNSEY ELEMENTARY SCHOOL BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD, CA

JOB NUMBER: 15-9666 DWG. DATE: 06/02/15 \$100



KEYNOTES:

- ONE 3/4"C, 2#12 CU THWN, I#12 CU GND. PROVIDE 120VAC POWER CONNECTION TO (N) SIGN, CONDUIT SHALL BE CONCEALED WITHIN WALLS AND ATTIC SPACES.
- UTILIZE (E) SPARE 20A, I-POLE CIRCUIT BREAKER AT SPACE #35 FOR PROTECTION OF (N) SIGN BRANCH CIRCUIT.
- INSTALL COMPUTER END WIRELESS RECEIVER ANTENNA AT ADMINISTRATION BUILDING EXTERIOR PER MANUFACTURER'S INSTRUCTIONS.
- ROUTE CATEGORY 5 SIGNAL CABLE BETWEEN ANTENNA AND SIGN PROGRAMMING WORKSTATION AT ADMINISTRATION BUILDING AND CONNECT PER MANUFACTURER'S INSTRUCTIONS.
- INSTALL SIGN END WIRELESS RECEIVER ANTENNA AT BUILDING EXTERIOR PER MANUFACTURER'S INSTRUCTIONS.
- ROUTE CATEGORY 5 SIGNAL, CABLE BETWEEN ANTENNA AND SIGN AND CONNECT PER MANUFACTURER'S INSTRUCTIONS.
- COORDINATE EXACT ANTENNA LOCATION WITH SIGN MANUFACTURER.
- SIGNAL CABLING SHALL BE CONCEALED WITHIN WALLS AND ATTIC SPACES.

GENERAL NOTES:

A. ALL (N) PENETRATIONS THROUGH (E) WALLS, CEILINGS, FLOORS, AND/OR ROOF SHALL BE SEALED AND FINISHED TO MATCH (E) SURROUNDING AREAS.



SCALE: |"=30'-0"

DR. OF THE STATE ARCHITECT

APPEN 116374

JOB NUMBER: 15-4665.00 DWG. DATE: 06/04/15

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7535 N. PALM AVE. 201 FRESNO, CA 93711 (559,437,0807 125 S. BRIDGE ST. 150 VISALIA, CA 93291 | 559,625,5246 1200 DISCOVERY DR. 160 BAKERSFIELD, CA 93309 | 661.843.8400 1130 K STREET 225 SACRAMENTO, CA 95814 | 916.538,6262

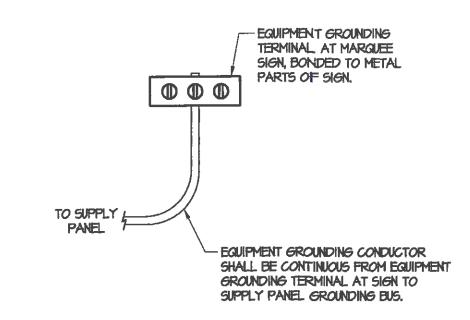
TETER

NEW MARQUEE SIGN AT MUNSEY ES BAKERSFIELD CITY SCHOOL DISTRICT

ELECTRICAL SITE PLAN

BAKERSFIELD, CA

- ALL ELECTRICAL WORK SHOWN HEREIN SHALL COMPLY WITH THE 2013 CALIFORNIA ELECTRICAL CODE, THE CURRENT REGULATIONS OF THE CALIFORNIA STATE FIRE MARSHAL TITLES & AND 19 THROUGH 24 OF THE CALIFORNIA BUILDING CODE, AND ALL OTHER APPLICABLE STATE AND LOCAL CODES, SAFETY ORDERS, LAWS AND ORDINANCES. NOTHING IN THESE PLANS OR SPECIFICATIONS SHALL BE INTERPRETED AS TO PERMIT ANY WORK NOT IN CONFORMANCE WITH THESE REGULATIONS, CODES AND RULES. WHERE WORK IS DETAILED AND/OR SPECIFIED TO A MORE RESTRICTIVE STANDARD OR HIGHER REQUIREMENT, THAT STANDARD OR REQUIREMENT SHALL GOVERN SUCH WORK.
- 2. ALL ELECTRICAL MATERIAL SHALL BE NEW AND LISTED WITH THE UNDERWRITERS LABORATORIES INC., SHALL MEET THEIR REQUIREMENTS, AND SHALL BEAR THEIR LABEL WHEREVER STANDARDS HAVE BEEN ESTABLISHED AND LABEL SERVICE IS REGULARLY FURNISHED BY THAT AGENCY.
- 3. ALL EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH C.E.C. ARTICLES 250 AND DETAIL I/E800. ALL CONDUIT SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR. THE GROUNDING CONDUCTOR SHALL BE BONDED TO THE METAL FRAMES OF THE FIXED ELECTRICAL EQUIPMENT.
- CONDUIT ROUTING SUGGESTED ONLY. ALL INTERIOR BUILDING CONDUIT SHALL BE MINIMUM 3/4" EMT CONFORMING TO ANSI STANDARD COO.3.
- NEMA 3R ENCLOSURES SHALL BE USED ON ALL EQUIPMENT INSTALLED OUTDOORS.
- 6. TEST ALL WIRING FOR SHORTS, OPENS OR OTHER DEFECTS AND CORRECT ANY DEFECTS FOUND, CONTRACTOR SHALL DEMONSTRATE CONTINUOUS SATISFACTORY OPERATION OF ALL ELECTRICAL EQUIPMENT, EACH PIECE OF EQUIPMENT AND ALL OF THE SYSTEMS SHALL BE ADJUSTED TO INSURE PROPER FUNCTIONING AND SHALL BE LEFT IN FIRST CLASS OPERATING CONDITION.



EQUIPMENT GROUNDING

NTS

ELECTRICAL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
C	DENOTES CONDUIT
U.O.N.	DENOTES UNLESS OTHERWISE NOTED
(E)	DENOTES EXISTING TO REMAIN, NO WORK U.O.N.
0	ELECTRICAL KEYNOTES: DENOTES KEYNOTE # OF KEYNOTES ON SAME SHEET
	CONDUIT IN ATTIC/WALL: DENOTES 3/4°C - 2412 AMS CU THWN + 1412 CU GND, U.O.N.
	CONDUIT IN FLOORAGE: DENOTES 3/4°C - 2#12 AMS CU THAIN + 1#12 CU GND, U.O.N.
7277	ELECTRICAL PANELBOARD PER PLANS, FLUSH MOUNTED IN WALL





ELECTRICAL SPECIFICATIONS

SYMBOL LEGEND

TETER, LLP 7535 N. PALM AVE. 201 FRESNO, CA 92711 I 559,437,0887 125 S. BRIDGE ST. 150 VISALIA, GA 92271 | 559.628.5246 1200 DISCOVERY DR. 140 BAKERSFIELD, CA 79397 | 661.043.8400

NEW MARQUEE SIGN AT MUNSEY ES

ELECTRICAL LEGEND AND SPECIFICATIONS

JOB NUMBER: 15-9665.00 DWG. DATE: 06/04/15

BAKERSFIELD, CA

TETER 1130 K STREET 225 SACRAMENTO, CA 95814 | 914.538.6242

BAKERSFIELD CITY SCHOOL DISTRICT

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