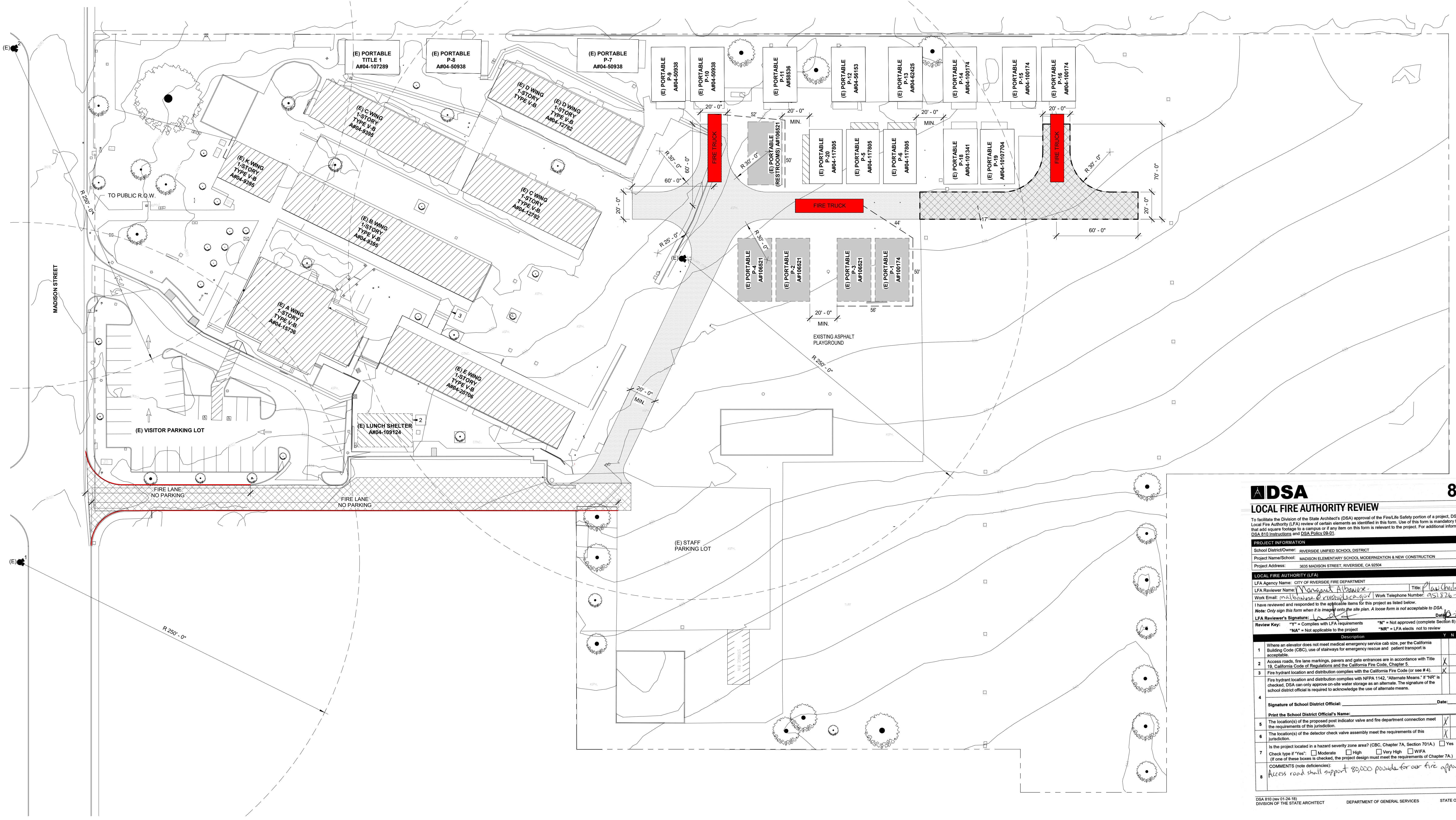




ARCHITECTURE ENGINEERING INTERIORS
 LANDSCAPE ARCHITECTURE PLANNING
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810

ADSA LOCAL FIRE AUTHORITY REVIEW

To facilitate the Division of the State Architect's (DSA) approval of the FireLife Safety portion of a project, DSA requires Local Fire Authority (LFA) review of certain elements as identified in this form. Use of this form is mandatory for projects that add square footage to a campus or if any item on this form is relevant to the project. For additional information, see DSA 810 Instructions and DSA Policy 09.01.

PROJECT INFORMATION

School District/Owner: RIVERSIDE UNIFIED SCHOOL DISTRICT
 Project Name/School: MADISON ELEMENTARY SCHOOL MODERNIZATION & NEW CONSTRUCTION
 Project Address: 3635 MADISON STREET, RIVERSIDE, CA 92504

LOCAL FIRE AUTHORITY (LFA)

LFA Agency Name: CITY OF RIVERSIDE FIRE DEPARTMENT
 LFA Reviewer Name: [Signature] Title: [Signature]
 Work Email: malonso@riversideca.gov Work Telephone Number: 951.876.5057
 I have reviewed and responded to the applicable items for the project as listed below.
 None. Only sign this form when it is marked onto the site plan. A loose form is not acceptable to DSA.
 LFA Reviewer's Signature: [Signature] Date: 02-18
 Review Key: "Y" = Complies with LFA requirements "N" = Not approved (complete Section 8)
 "NA" = Not applicable to the project "NR" = LFA elects not to review

Description	Y	N	NA	NR
1 Where an elevator does not meet medical emergency service cab size, per the California Building Code (CBC), use of stairs for emergency rescue and patient transport is acceptable.				X
2 Access roads, fire lane markings, pavements and gate entrances are in accordance with Title 19, California Code of Regulations and the California Fire Code, Chapter 5.	X			
3 Fire hydrant location and distribution complies with the California Fire Code (or see #4).	X			
4 Fire hydrant location and distribution complies with IFPA 1142, "Alarmless Means," if "NR" is checked, DSA can only approve on-site water storage in an alternate. The signature of the school district official is required to acknowledge the use of alternate means.			X	
5 Signature of School District Official: _____ Date: _____				
6 Print the School District Official's Name: _____				
7 The location(s) of the proposed post indicator valve and fire department connection meet the requirements of the jurisdiction.	X			
8 The location(s) of the detector check valve assembly meet the requirements of this jurisdiction.	X			
9 Is the project located in a hazard severity zone area? (CBC, Chapter 7A, Section 701A.) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
10 Check type of "Yes": <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> WFA (if one of these boxes is checked, the project design must meet the requirements of Chapter 7A.)				
11 COMMENTS (note deficiencies): Access road shall support 80,000 pounds for our fire apparatus.				

DSA 810 (Rev 01-24-18) DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 1

FIRE ACCESS CODE ANALYSIS

PROPOSED CONSTRUCTION TYPE / FIRE AREA / # OF STORIES / SPRINKLERED:

(2) RELOCATED PORTABLE BUILDINGS TYPE V-B / (960SF X 3) = 1,920 SF / 1-STORY / NON - SPRINKLERED
 (2) RELOCATED PORTABLE BUILDINGS TYPE V-B / (960SF X 2) = 1,920 SF / 1-STORY / NON - SPRINKLERED
 (1) RELOCATED PORTABLE RESTROOM BUILDINGS TYPE V-B / 960 SF / 1-STORY / NON - SPRINKLERED
 TOTAL = 4,800 SF

REQUIRED FIRE-FLOW AND FLOW DURATION FOR BUILDINGS PER CFC 2016 TABLE BB105.1:

CONSTRUCTION TYPE / FIRE AREA	FIRE FLOW (GPM)	FLOW DURATION (HRS)
MINIMUM: TYPE V-B / 0 - 3,600 SF	1,500	2

NUMBER AND DISTRIBUTION OF FIRE HYDRANTS PER CFC 2016 TABLE CC105.1:

FIRE FLOW REQUIREMENT	MIN. # OF HYDRANTS	AVG SPACING BTW HYDRANTS	MAX DISTANCE-STREET TO HYDRANT
1,750 GPM OR LESS	1	500'	250'

FIRE ACCESS NOTES

- PER 2016 CFC (CALIFORNIA FIRE CODE), SECTION 503.1.1: APPROVED FIRE APPARATUS ACCESS ROADS SHALL BE PROVIDED FOR EVERY FACILITY, BUILDING OR PORTION OF A BUILDING HEREAFTER CONSTRUCTED OR MOVED INTO OR WITHIN THE JURISDICTION. THE FIRE APPARATUS ACCESS ROAD SHALL COMPLY WITH THE REQUIREMENTS OF THIS SECTION AND SHALL EXTEND TO WITHIN 150'-0" OF ALL PORTIONS OF THE EXTERIOR WALLS OF THE FIRST STORY OF THE BUILDING AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING OR FACILITY.
- PER 2016 CFC, SECTION 503.2.1: FIRE APPARATUS ACCESS ROADS SHALL HAVE AN UNOBSTRUCTED WIDTH OF NOT LESS THAN 20'-0" AND AN UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13'-6".
- PER 2016 CFC, SECTION 508.1: WHEN ACCESS TO OR WITHIN A STRUCTURE OR AN AREA IS UNDULY DIFFICULT BECAUSE OF SECURED OPENINGS OR WHERE IMMEDIATE ACCESS IS NECESSARY FOR LIFE SAVING OR FIREFIGHTING PURPOSES, A KNOX KEY BOX SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION. KNOX KEY SWITCHES, KNOX LOCKS, OR FRANGIBLE PADLOCKS SHALL BE PROVIDED FOR ALL GATES AND BARRIERS IN THE PATH OF VEHICLE OR FIREFIGHTER ACCESS AND SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES.
- PER 2016 CFC, SECTION 501.4: FIRE DEPARTMENT VEHICULAR ACCESS MUST BE INSTALLED MAINTAINED IN A SERVICEABLE MANNER PRIOR AND DURING THE TIME OF CONSTRUCTION.
- PER 2016 CFC, SECTION 503.2.3: FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF ALL FIRE APPARATUS AND SHALL BE SURFACED SO AS TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES.
- PER 2016 CFC, SECTION 503.3: POST "NO PARKING" SIGNS ALONG FIRE VEHICULAR ACCESS ROAD(S).
- PER 2016 CFC, SECTION 901.5: THE INSPECTION, HYDROSTATIC TESTING AND FLUSHING OF THE FIRE PROTECTION PIPING SHALL BE WITNESSED BY AN AUTHORIZED FIRE DEPARTMENT REPRESENTATIVE. NO UNDERGROUND PIPING OR THRUST BLOCKS SHALL BE COVERED WITH EARTH OR HIDDEN FROM VIEW UNTIL THE FIRE DEPARTMENT REPRESENTATIVE HAS BEEN NOTIFIED AND GIVEN NOT LESS THAN 48 HOURS IN WHICH TO INSPECT SUCH INSTALLATIONS.
- PER 2016 CFC, SECTION 901.5.1: ALL ON-SITE FIRE HYDRANTS SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO BUILDING OCCUPANCY.
- PER 2016 CFC, SECTION 1002: FIRE EXTINGUISHER REQUIREMENTS SHALL BE DETERMINED BY FIELD INSPECTOR.
- PER 2016 CFC, SECTION 505: APPROVED BUILDING ADDRESS NUMBERS, BUILDING NUMBERS OR APPROVED BUILDING IDENTIFICATION SHALL BE PROVIDED AND MAINTAINED SO AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET FRONTING THE PROPERTY. THE NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND, BE ARABIC NUMERALS OR ALPHABET LETTERS, AND BE A MINIMUM OF 4" HIGH WITH A MINIMUM STROKE WIDTH OF 0.5".
- ALL-WEATHER ACCESS ROADWAYS AND ALL REQUIRED PUBLIC FIRE HYDRANTS SHALL BE IN PLACE AND OPERATIONAL BEFORE BRINGING COMBUSTIBLE BUILDING MATERIALS OR PORTABLE UNITS ON-SITE.
- ALL POLES, BACKBOARDS AND OTHER OBSTRUCTIONS ON PLAYGROUNDS NEAR A FIRE ACCESS ROADWAY SHALL BE PROVIDED WITH REFLECTIVE TAPE OR PAINT.

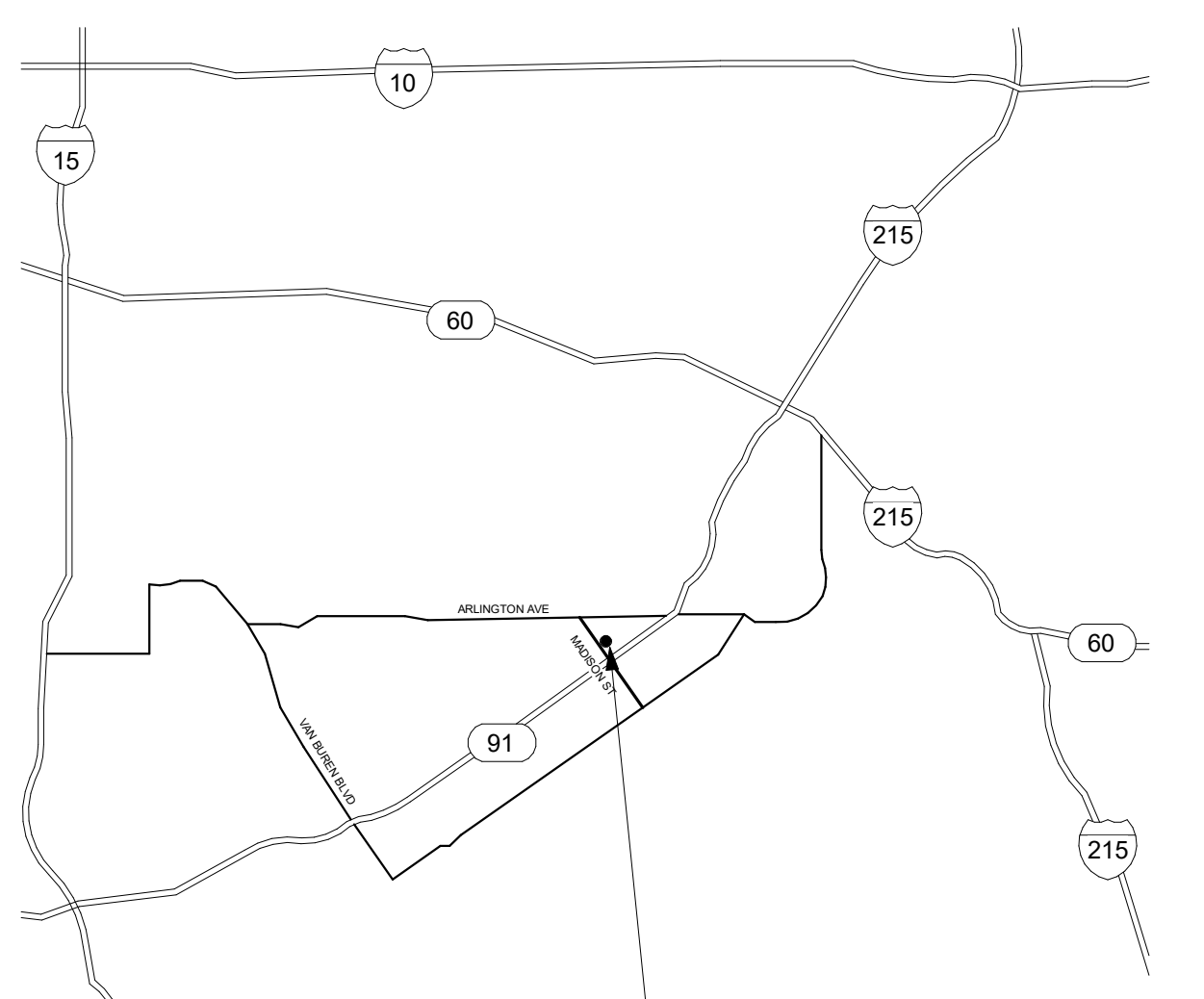
SCOPE OF WORK

RELOCATION OF (4) EXISTING CLASSROOM & (1) EXISTING RESTROOM PORTABLE THAT ARE ON CAMPUS TO ACCOMMODATE CONSTRUCTION FOR PROJECT, A#04-117805.

FIRE LEGEND

- FIRE TRUCK
- (E) FIRE HYDRANT
- (E) 20'-0" FIRE APPARATUS ACCESS LANE
- (N) 20'-0" FIRE APPARATUS ACCESS LANE WITH PERFORATED PAVE RATED FOR APPARATUS
- (N) 20'-0" FIRE APPARATUS ACCESS LANE
- EXISTING PORTABLE TO REMAIN (N.I.C.)
- EXISTING BUILDING TO REMAIN
- RELOCATED ON SITE PORTABLE BUILDING FOR INTERIM HOUSING DURING PROJECT A#04-117805
- PROPERTY LINE
- LIMIT OF SITEWORK - DESCRIBES, IN GENERAL, THE LOCATION OF THE PROJECT WORK. ALL WORK INDICATED ON THESE DRAWINGS REGARDLESS OF THIS LINE, U.N.O., ARE INCLUDED IN THE SCOPE
- 250' MAX LENGTH FROM FIRE HYDRANT TO TRUCK
- FIRE HOSE LENGTH 150' MAX FROM TRUCK TO BUILDING

VICINITY MAP



PROJECT SITE:
 MADISON ELEMENTARY SCHOOL
 ADDRESS:
 3635 MADISON ST
 RIVERSIDE, CA 92504

FIRE ACCESS PLAN 1" = 30'-0" 01

MADISON ELEMENTARY SCHOOL
 INTERIM HOUSING PORTABLES

3635 Madison Street
 Riverside, CA 92504

Developed for
 Riverside Unified School District

FIRE ACCESS PLAN

G1.02