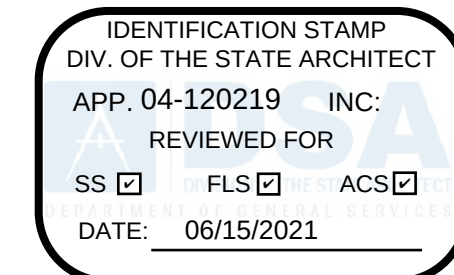


CHINO VALLEY UNIFIED SCHOOL DISTRICT  
13509 RAMONA AVENUE, CHINO, CA 91709



**RANCHO CUCAMONGA**  
8163 ROCHESTER AVENUE, SUITE 100  
RANCHO CUCAMONGA, CA 91730  
909-987-0909 P

## SHEET INDEX

## PROJECT TEAM

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| <p>1. THESE DRAWINGS DO NOT CONTAIN THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.</p> <p>2. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. AND CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID INTERCEPTING EXISTING PIPING OR CONDUITS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT AND TO PROTECT THEM FROM DAMAGE. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACT. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD ANY UNIDENTIFIED CONDITIONS BE DISCOVERED. THE CONTRACTOR SHALL BEAR ALL EXPENSE OR FOR THE REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THIS WORK.</p> <p>3. THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE PROPERTY OF WLC ARCHITECTS, INC., AND ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WLC ARCHITECTS, INC.</p> <p>4. THE WORK SHOWN ON THESE DRAWINGS AS EXISTING CONDITIONS WAS PREPARED FROM INFORMATION FURNISHED BY THE OWNER. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, WLC ARCHITECTS, INC. IS NOT RESPONSIBLE FOR THE ACCURACY OR ADEQUACY OF ANY WORK SHOWN AS EXISTING NOR IS WLC ARCHITECTS, INC. RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THESE DRAWINGS AS A RESULT.</p> <p>5. EACH BIDDER SHALL POSSESS AT THE TIME OF BID A CLASS B OR THE APPROPRIATE CLASS C CONTRACTOR'S LICENSE PURSUANT TO PUBLIC CONTRACT CODE SECTION 3300 AND BUSINESS AND PROFESSIONS CODE SECTION 7028.15. THE SUCCESSFUL BIDDER MUST MAINTAIN THE LICENSE THROUGHOUT THE DURATION OF THIS CONTRACT.</p> <p>6. FIRE SAFETY DURING CONSTRUCTION</p> <p>A. GENERAL: FIRE SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CALIFORNIA FIRE CODE (CFC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 9, CHAPTER 5 AND CHAPTER 33.</p> <p>B. ACCESS ROADS: FIRE DEPARTMENT ACCESS ROADS SHALL BE ESTABLISHED AND MAINTAINED IN ACCORDANCE WITH CHAPTER 5, SECTION 501.4 AND CHAPTER 33, SECTION 3310.</p> <p>C. WATER SUPPLY: WATER MAINS AND HYDRANTS SHALL BE OPERATIONAL. IN ACCORDANCE WITH CHAPTER 5, SECTION 501.4 AND CHAPTER 33, SECTION 3312.</p> <p>D. BUILDING ACCESS: ACCESS TO BUILDINGS FOR THE PURPOSE OF FIRE FIGHTING SHALL BE PROVIDED. CONSTRUCTION MATERIAL SHALL NOT BLOCK ACCESS TO BUILDINGS, HYDRANTS, OR FIRE APPLIANCES.</p> <p>E. ALTERATIONS OF BUILDINGS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 33.</p> <p>F. DEMOLITION OF BUILDINGS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 33.</p> <p>G. FIRE WATCH: MAINTAIN FIRE WATCH WHEN REQUIRED BY THE BUILDING OFFICIAL AND WHEN EXISTING FIRE PROTECTION SYSTEMS ARE SHUT DOWN FOR ALTERATIONS IN ACCORDANCE WITH CHAPTER 33, SECTION 3304.5. FIRE WATCH SHALL REMAIN IN EFFECT UNTIL EXISTING FIRE PROTECTION SYSTEMS ARE RETURNED TO SERVICE OR AS ALLOWED BY THE BUILDING OFFICIAL.</p> <p>7. PENETRATIONS TO FIRE RATED MATERIALS OR ASSEMBLIES SHALL BE RESTORED TO EQUAL RATING. FIRE STOP SYSTEMS AS LISTED BY UNDERWRITERS LABORATORIES SHALL BE INSTALLED PER FIRE RESISTANCE DIRECTORY. FIRE STOP SYSTEMS SHALL BE AS SPECIFIED.</p> <p>8. NONRESIDENTIAL ENERGY STANDARDS COMPLIANCE STATEMENT (TITLE 24, PART 6):</p> <p>THE DESIGN INDICATED HEREIN COMPLIES WITH THE REQUIREMENTS OF THE ENERGY CONSERVATION STANDARDS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THE PROPOSED BUILDING(S) WILL BE IN COMPLIANCE WITH THE ENERGY CONSERVATION STANDARDS PROVIDED IT (THEY) IS (ARE) BUILT ACCORDING TO THESE DRAWINGS AND SPECIFICATIONS AND PROVIDED ANY FUTURE IMPROVEMENTS ARE COMPLETED ACCORDING TO THE REQUIREMENTS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED TO INCLUDE ALL SIGNIFICANT ENERGY CONSERVATION FEATURES REQUIRED FOR COMPLIANCE WITH THE STANDARDS. BUILDING AREAS THAT ARE UNCONDITIONED AND/OR NOT SUBJECT TO THE STANDARDS ARE INDICATED ON THE PLANS.</p> | <p>8. (CONT) ENVELOPE MANDATORY MEASURES:</p> <p>A. INSTALLED INSULATING MATERIALS SHALL HAVE BEEN CERTIFIED BY THE MANUFACTURER TO COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL.</p> <p>B. ALL INSULATING MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF TITLE 24, PART 2, CALIFORNIA CODE OF REGULATIONS, SECTIONS 720 AND 2603.</p> <p>C. ALL EXTERIOR JOINTS AND OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL AND OBSERVABLE SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED, OR OTHERWISE SEALED.</p> <p>D. SITE CONSTRUCTED DOORS, WINDOWS, AND SKYLIGHTS SHALL BE CAULKED BETWEEN THE UNIT AND THE BUILDING, AND SHALL BE WEATHERSTRIPPED (EXCEPT FOR UNFRAMED GLASS DOORS AND FIRE DOORS).</p> <p>E. MANUFACTURED DOORS AND WINDOWS INSTALLED SHALL HAVE AIR INFILTRATION RATES CERTIFIED BY THE MANUFACTURER IN ACCORDANCE WITH TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS, SECTION 110.6.</p> <p>F. MANUFACTURED FENESTRATION PRODUCTS IN THE ENVELOPE OF THE BUILDING, INCLUDING, BUT NOT LIMITED TO, WINDOWS, SLIDING GLASS DOORS, FRENCH DOORS, SKYLIGHTS, CURTAIN WALLS, AND GARDEN WINDOWS MUST BE LABELED FOR U-VALUE &amp; SHGC IN ACCORDANCE WITH THE (NFR) NATIONAL FENESTRATION RATING COUNCIL'S INTERIM U-VALUE &amp; SHGC RATING PROCEDURE.</p> <p>G. DEMISING R-19 WALL INSULATION SHALL BE INSTALLED IN ALL OPAQUE PORTIONS OF FRAMED WALLS (EXCEPT DOORS).</p> <p>9. DEFERRED APPROVAL ITEMS:</p> <p>FABRICATION AND INSTALLATION OF DEFERRED APPROVAL ITEMS SHALL NOT BE STARTED UNTIL DETAILED PLANS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR ENGINEER IN GENERAL. RESPONSIBLE CHARGE OF DESIGN AND SIGNED BY A CALIFORNIA REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER WHO HAS BEEN DELEGATED RESPONSIBILITY COVERING THE WORK SHOWN ON A PARTICULAR PLAN OR SPECIFICATION AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT.</p> <p>DEFERRED APPROVAL ITEMS SHALL BE SUBMITTED FOR REVIEW NO LATER THAN 60 DAYS AFTER THE NOTICE TO PROCEED.</p> <p>DEFERRED APPROVAL ITEMS FOR THIS PROJECT ARE THE FOLLOWING ITEMS:</p> <p>A. [ ] NONE [ ]</p> <p>10. NONE</p> <p>11. NONE</p> <p>12. NONE</p> | <p>13. INSPECTOR OF RECORD REQUIREMENTS</p> <p>L. ONE OR MORE INSPECTORS EMPLOYED BY THE OWNER IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS WILL BE ASSIGNED TO THE WORK. THE INSPECTOR'S DUTIES ARE SPECIFICALLY DEFINED IN SECTION 4-342 OF SAID TITLE 24, PART 1 AND IN ADDITION SHALL BE AS STIPULATED IN INTERPRETATION OF REGULATION DOCUMENT IR A-8.</p> <p>M. INSPECTOR SHALL BE CERTIFIED AS A CLASS 4 INSPECTOR THROUGH THE DIVISION OF THE STATE ARCHITECT INSPECTOR EXAMINATION PROGRAM. INSPECTOR SHALL ALSO BE SPECIFICALLY APPROVED BY THE DIVISION OF THE STATE ARCHITECT FOR THIS PROJECT AT LEAST 10 DAYS PRIOR TO THE START OF ANY WORK FOR THIS PROJECT.</p> <p>14. ALL WORK SHOWN ON THESE DRAWINGS SHALL COMPLY WITH THE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).</p> <p>15. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY TITLE 24, CCR, PART 1, SECTION 4-338.</p> <p>16. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS, AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.</p> <p>17. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ADDITION, ALTERATION OR RECONSTRUCTION IS IN COMPLIANCE WITH THE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT IDENTIFIED BY THE CONTRACT DOCUMENTS WHEREIN THE FINAL WORK WOULD NOT COMPLY WITH THE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND THE ARCHITECT OF THE CONDITION IN WRITING. NECESSARY INFORMATION REQUIRED TO CORRECT THE CONDITIONS ENCOUNTERED WILL BE ISSUED BY THE ARCHITECT. A CHANGE ORDER MAY BE ISSUED TO ADJUST THE CONTRACT SUM OR TIME COMMENSURATE WITH THE AMOUNT OF ADDITIONAL WORK REQUIRED, IF ANY. A CONSTRUCTION CHANGE DOCUMENT SHALL BE APPROVED BY THE DIVISION OF THE STATE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK REQUIRED BY THE CHANGE ORDER. TITLE 24, CCR, PART 1, SECTION 4-317(c)</p> <p>20. ALL SLOPE AND CROSS SLOPE OF ACCESSIBLE ROUTE PAVING INDICATED ON THESE DRAWINGS WAS DESIGNED IN COMPLIANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND THE ACCESSIBILITY STANDARDS OF THE CALIFORNIA BUILDING CODE, (CBC) TITLE 24 PART 2, CHAPTER 11B OF THE CALIFORNIA CODE OF REGULATIONS (CCR). STRICT EXECUTION OF THE SLOPE AND CROSS SLOPE OF ACCESSIBLE ROUTE PAVING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SHOULD A CONDITION PRESENT ITSELF THAT WOULD RESULT IN AN INSTALLATION OTHER THAN WHAT IS INDICATED IN THESE DRAWINGS, WLC ARCHITECTS, INC. SHALL BE NOTIFIED IN WRITING AND A COMPLIANT RESOLUTION WILL BE FORMULATED.</p> <p>21. CONTRACTOR OPERATIONS SHALL NOT BLOCK, HINDER, IMPEDE OR OTHERWISE INHIBIT THE USE OF REQUIRED EXITS AT ANY TIME. CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED ACCESS TO FIRE EXTINGUISHERS, FIRE HYDRANTS, TEMPORARY FIRE PROTECTION FACILITIES, STAIRWAYS AND OTHER ACCESS ROUTES FOR FIRE-FIGHTING EQUIPMENT AND OR PERSONNEL.</p> |
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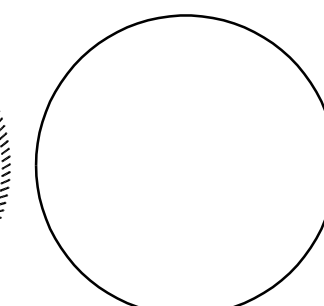
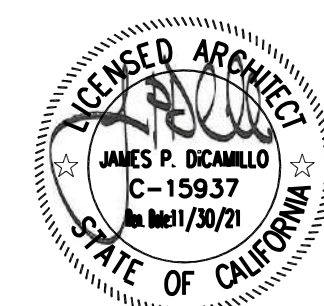
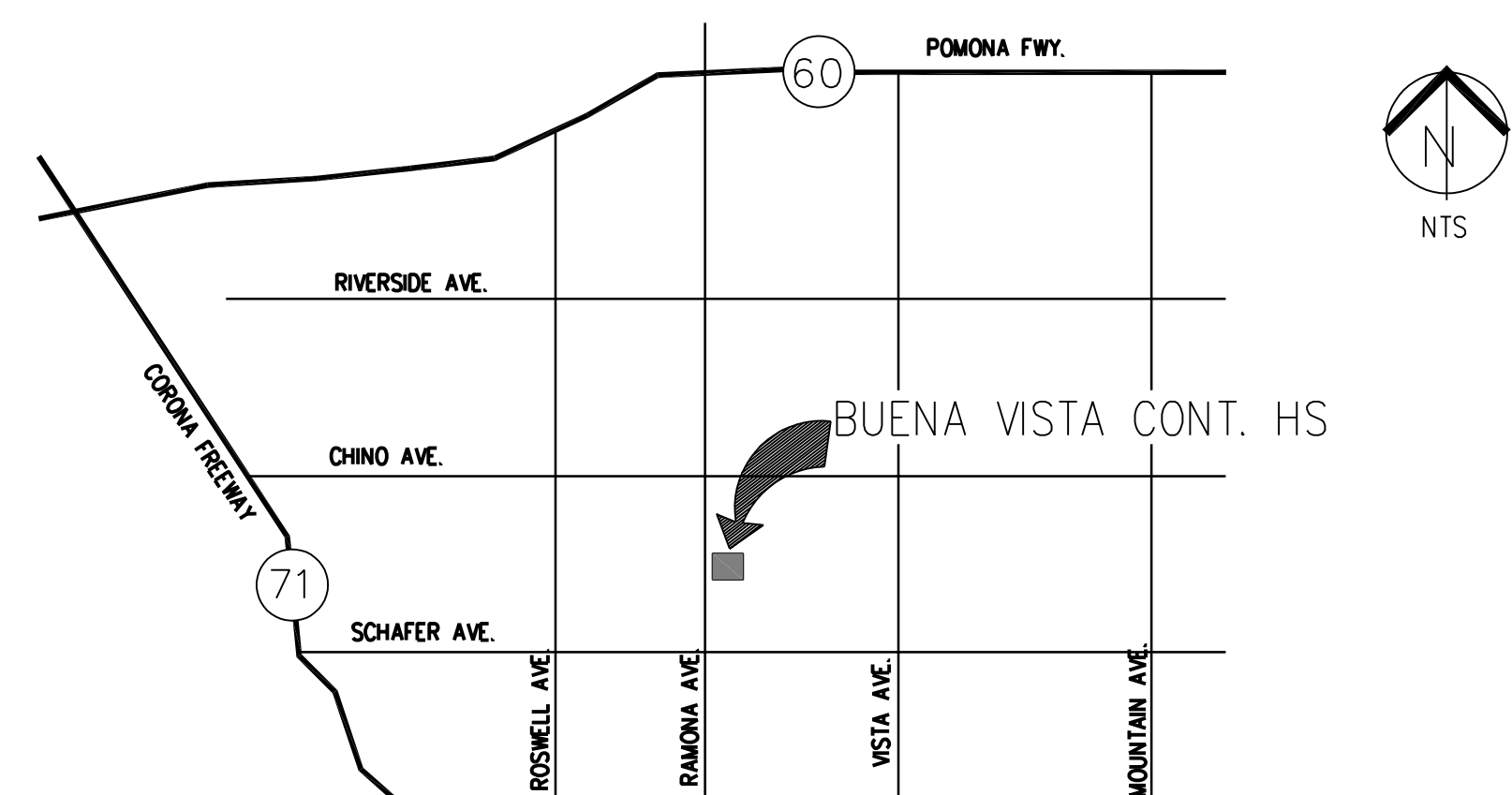
| DWG NO | DESCRIPTION                                             |
|--------|---------------------------------------------------------|
|        | ARCHITECTURAL                                           |
| A0.1   | GENERAL NOTES & PROJECT DIRECTORY                       |
| A1.0   | FIRE SITE PLAN                                          |
| A1.1   | SITE PLAN                                               |
| A1.2   | ENLARGED SITE PLAN DEMO & NEW                           |
| A1.3   | ENLARGED SITE PLAN DEMO & NEW                           |
| A6.1   | ENLARGED RESTROOM FLOOR PLANS                           |
| A6.2   | ENLARGED RESTROOM FLOOR PLANS                           |
| 10.1   | DETAILS                                                 |
| 10.2   | SPECIALTY DETAILS                                       |
|        |                                                         |
|        | ELECTRICAL                                              |
| E0.1   | ELECTRICAL GENERAL NOTES AND SYMBOLS                    |
| E1.1   | POWER SITE PLAN                                         |
| E1.2   | SIGNAL SITE PLAN                                        |
| E2.1   | FIRE ALARM & SIGNAL PLAN                                |
| E3.1   | FIRE ALARM LISTING, NOTES & DETAILS                     |
| E4.1   | ELECTRICAL SPECIFICATIONS                               |
|        |                                                         |
|        | PC 24' x 40' A#67985 (SN: 24471-72, 24473-73, 24475-76) |
| A0     | TITLE SHEET                                             |
| A1.0   | FLOOR PLAN                                              |
| A5.0   | FINISH SCHEDULES                                        |
| S4.0   | STRUCTURAL DETAILS                                      |
| R1.0   | RAMP / LANDING                                          |
| R2.0   | RAMP / STAIR DETAILS                                    |
|        | PC WOOD FOUNDATIONS A#04-116392                         |
| CP     | COVER SHEET                                             |
| WFS-01 | STRUCTURAL SPECIFICATIONS WOOD FOUNDATIONS              |
| WF-04  | WOOD FOUNDATION PLAN                                    |
| WFD-01 | FOUNDATION DETAILS - WOOD                               |
| WFD-02 | "OPTIONAL" FOUNDATION DETAILS                           |
|        |                                                         |
|        | SHEET TOTAL : 26                                        |
|        |                                                         |

## SCOPE OF WORK DESCRIPTION

THE SCOPE OF THE WORK AS STATED BELOW IS FOR DSA PLAN REVIEW PURPOSES ONLY AND DOES NOT CONSTITUTE A DETAILED AND FULL EXPLANATION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS

PROJECT INCLUDE THE PLACEMENT OF A NEW INTERIM PORTABLE CLASSROOM BLDG (A#67985, A#04-118043) RELOCATED FROM ANOTHER SCHOOL, AS WELL AS SITE WORK INCLUDING FENCING AND GATES.

## VICINITY MAP



CONSULTANT

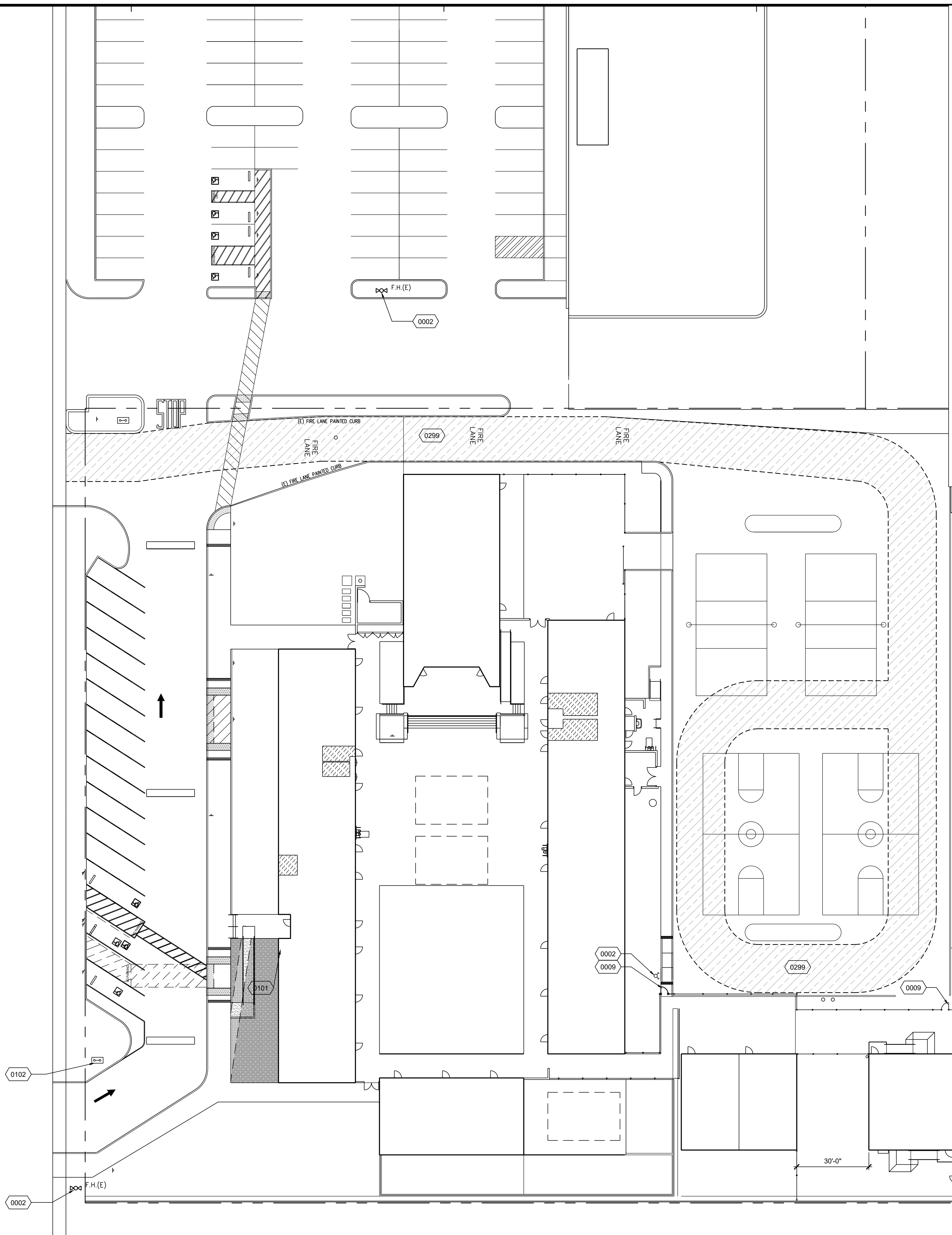
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|                                                                                       |           |    |             |
| NO                                                                                    | DATE      | BY | DESCRIPTION |
|  | REVISIONS |    |             |

|                                  |                 |
|----------------------------------|-----------------|
| <b>DRAWN:</b>                    | <b>CHECKED:</b> |
| <b>DATE: -</b>                   | <b>SCALE:</b>   |
| <b>PROJECT NUMBER: 04-120219</b> |                 |

## GENERAL NOTES & PROJECT DIRECTORY

DRAWING NUMBER: A0.1

RAMONA AVE.



# 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply. Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for Buildings.

**PROJECT INFORMATION**

School District/Owner: Chino Valley Unified School District

Project Name/School: Buena Vista CHS Portable Classroom

Project Address: 13509 Ramona Avenue, Chino, CA 91709

**FIRE & LIFE SAFETY INFORMATION**

1. Has a fire hydrant flow test been performed within the past 12 months? Yes ☒ No ☐  
(If yes, provide a copy of the test data.)

2. Was the fire hydrant water flow test performed as part of this LFA review? Yes ☐ No ☒

3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? If yes, indicate FHSZ classification below.

Refer to the following website for FHSZ locations: <http://gis.ca.gov/FHSZ/>

Moderate ☐ High ☐ Very High ☐ WIFA ☐

## 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

| CONDITION MEANS AND METHODS RESOLUTION                                                                                                                                                                                  | ALTERNATE ACCEPTED |    |                                     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|-------------------------------------|-----|
|                                                                                                                                                                                                                         | Yes                | No | N/A                                 | N/R |
| 4. Emergency vehicle access roadways do not meet CFC requirements.                                                                                                                                                      |                    |    | <input checked="" type="checkbox"/> |     |
| 4a. <b>Acceptable Alternate:</b> Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.                          |                    |    |                                     |     |
| 5. <b>Fire Hydrants:</b> Number and spacing does not meet CFC requirements.                                                                                                                                             |                    |    | <input checked="" type="checkbox"/> |     |
| 5a. <b>Acceptable Alternate:</b> Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.                                       |                    |    |                                     |     |
| 6. <b>Fire Hydrants:</b> Water flow and pressure are less than CFC minimum.                                                                                                                                             |                    |    | <input checked="" type="checkbox"/> |     |
| 6a. <b>Acceptable Alternate:</b> The available flow and pressure is acceptable for providing fire suppression and protection of life and property.                                                                      |                    |    |                                     |     |
| 7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.                                                                                        |                    |    | <input checked="" type="checkbox"/> |     |
| 7a. <b>Acceptable Alternate:</b> The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property. |                    |    |                                     |     |

**School District Acceptance of Acceptable Design Alternates**

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: \_\_\_\_\_ Title: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**LOCAL FIRE AUTHORITY (LFA) INFORMATION**

LFA Agency Name: \_\_\_\_\_

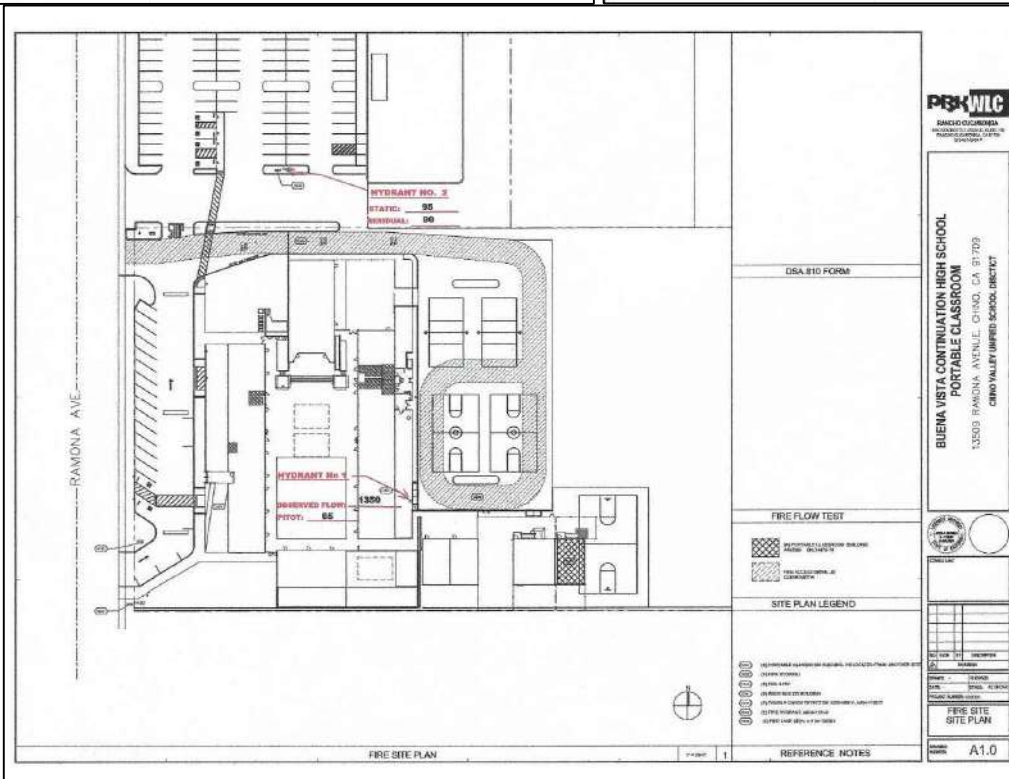
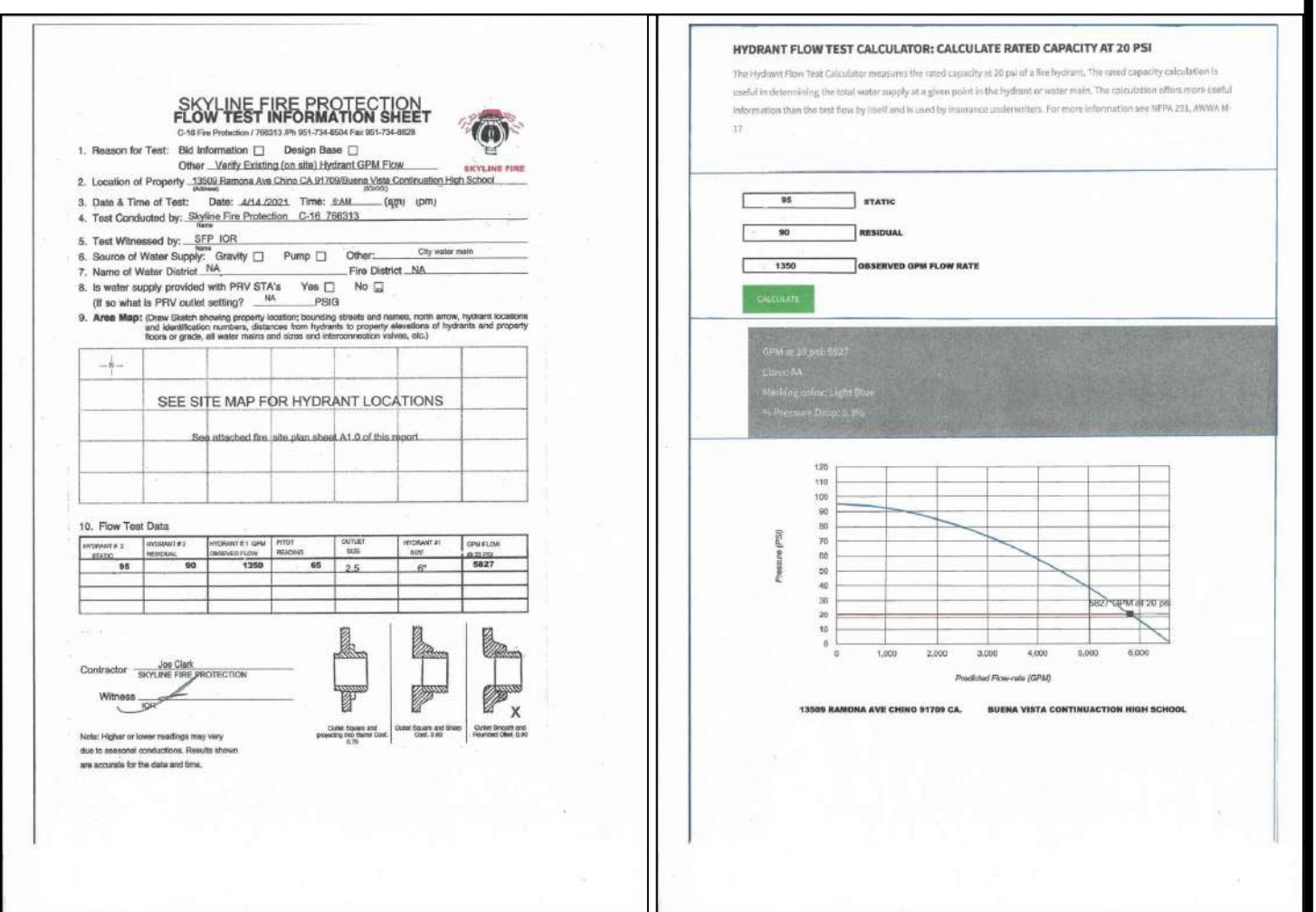
LFA Review Official: \_\_\_\_\_

Title: \_\_\_\_\_ Work Phone: \_\_\_\_\_

Work Email: \_\_\_\_\_

LFA Reviewer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## DSA 810 FORM



- FIRE FLOW TEST**
- (N) PORTABLE CLASSROOM BUILDING A#67985 SN: 24473-74
  - FIRE ACCESS DRIVE, 26' CLEAR WIDTH
  - 40'x60' SAFE DISPERSAL AREA 2,400 SF/5= 480 OCCUP.

- SITE PLAN LEGEND**
- 0001 (N) PORTABLE CLASSROOM BUILDING, RELOCATED FROM ANOTHER SITE
  - 0002 (E) FIRE HYDRANT
  - 0009 (E) 3'-0" (W) PEDESTRAIN GATE W/ PANIC HARDWARE REF DET 13/10.1; A#04-110547
  - 0101 (E) KNOX BOX ON BUILDING
  - 0102 (E) DOUBLE CHECK DETECTOR ASSEMBLY; A#04-110547
  - 0299 (E) FIRE LANE; A # 04-105554
  - 0300 (N) SAFE DISPERSAL SIGN, REF DET 21/10.2

## REFERENCE NOTES

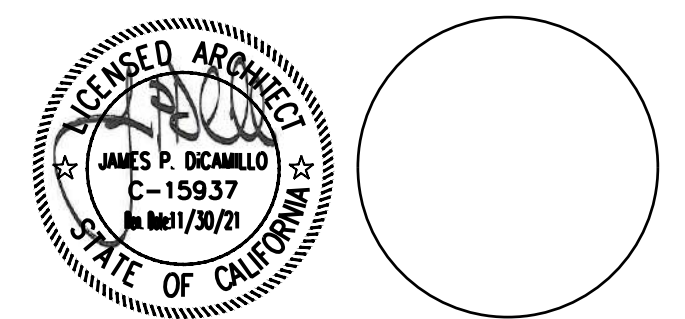
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 04-120219 INC.  
REVIEWED FOR:  
SS ☐ FLS ☐ ACS ☐  
DATE: 06/15/2021

**PRKWLC**  
**RANCHO CUCAMONGA**  
8163 ROCHESTER AVENUE, SUITE 100  
RANCHO CUCAMONGA, CA 91730  
909-987-9909 P

**BUENA VISTA CONTINUATION HIGH SCHOOL  
PORTABLE CLASSROOM**

13509 RAMONA AVENUE, CHINO, CA 91709

CHINO VALLEY UNIFIED SCHOOL DISTRICT



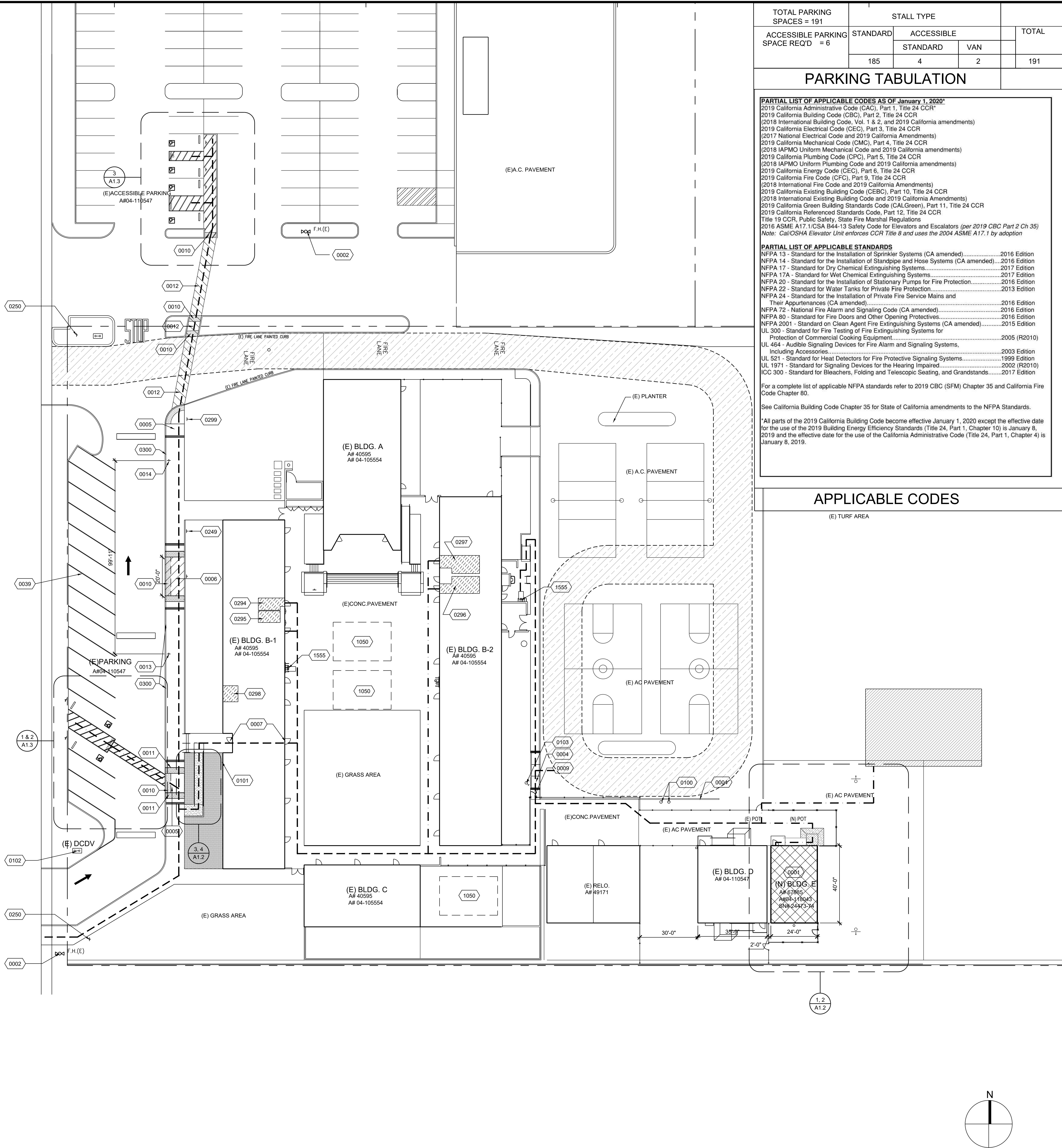
**CONSULTANT**

|           |      |    |             |
|-----------|------|----|-------------|
| NO        | DATE | BY | DESCRIPTION |
| REVISIONS |      |    |             |

DRAWN: - CHECKED: -  
DATE: - SCALE: AS SHOWN  
PROJECT NUMBER: 04-120219

**FIRE SITE  
SITE PLAN**

DRAWING NUMBER: **A1.0**



|                                    |            |            |     |       |
|------------------------------------|------------|------------|-----|-------|
| TOTAL PARKING SPACES = 191         | STALL TYPE |            |     |       |
| ACCESSIBLE PARKING SPACE REQ'D = 6 | STANDARD   | ACCESSIBLE |     | TOTAL |
|                                    |            | STANDARD   | VAN |       |
|                                    | 185        | 4          | 2   | 191   |

PARKING TABULATION

**PARTIAL LIST OF APPLICABLE CODES AS OF January 1, 2020\***  
2019 California Administrative Code (CAC), Part 1, Title 24 CCR\*  
2019 California Building Code (CBC), Part 2, Title 24 CCR  
(2018 International Building Code, Vol. 1 & 2, and 2019 California amendments)  
2019 California Electrical Code (CEC), Part 3, Title 24 CCR  
(2017 National Electrical Code and 2019 California Amendments)  
2019 California Mechanical Code (CMC), Part 4, Title 24 CCR  
(2018 IAPMO Uniform Mechanical Code and 2019 California amendments)  
2019 California Plumbing Code (CPC), Part 5, Title 24 CCR  
(2018 IAPMO Uniform Plumbing Code and 2019 California amendments)  
2019 California Energy Code (CEC), Part 6, Title 24 CCR  
2019 California Fire Code (CFC), Part 9, Title 24 CCR  
(2018 International Fire Code and 2019 California Amendments)  
2019 California Existing Building Code (CEBC), Part 10, Title 24 CCR  
(2018 International Existing Building Code and 2019 California Amendments)  
2019 California Green Building Standards Code (CALGreen), Part 11, Title 24 CCR  
2019 California Referenced Standards Code, Part 12, Title 24 CCR  
Title 19 CCR, Public Safety, State Fire Marshal Regulations  
2016 ASME A17.1/CSA B44-13 Safety Code for Elevators and Escalators (per 2019 CBC Part 2 Ch 35)  
Note: Cal/OSHA Elevator Unit enforces CCR Title 8 and uses the 2004 ASME A17.1 by adoption

**PARTIAL LIST OF APPLICABLE STANDARDS**  
NFPA 13 - Standard for the Installation of Sprinkler Systems (CA amended).....2016 Edition  
NFPA 14 - Standard for the Installation of Standpipe and Hose Systems (CA amended).....2016 Edition  
NFPA 17 - Standard for Dry Chemical Extinguishing Systems.....2017 Edition  
NFPA 17A - Standard for Wet Chemical Extinguishing Systems.....2017 Edition  
NFPA 20 - Standard for the Installation of Stationary Pumps for Fire Protection.....2016 Edition  
NFPA 22 - Standard for Water Tanks for Private Fire Protection.....2013 Edition  
NFPA 24 - Standard for the Installation of Private Fire Service Mains and Their Appurtenances (CA amended).....2016 Edition  
NFPA 72 - National Fire Alarm and Signaling Code (CA amended).....2016 Edition  
NFPA 80 - Standard for Fire Doors and Other Opening Protectives.....2016 Edition  
NFPA 2001 - Standard on Clean Agent Fire Extinguishing Systems (CA amended).....2015 Edition  
UL 300 - Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment.....2005 (R2010)  
UL 464 - Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories.....2003 Edition  
UL 521 - Standard for Heat Detectors for Fire Protective Signaling Systems.....1999 Edition  
UL 1971 - Standard for Signaling Devices for the Hearing Impaired.....2002 (R2010)  
ICC 300 - Standard for Bleachers, Folding and Telescopic Seating, and Grandstands.....2017 Edition

For a complete list of applicable NFPA standards refer to 2019 CBC (SFM) Chapter 35 and California Fire Code Chapter 60.

See California Building Code Chapter 35 for State of California amendments to the NFPA Standards.

\*All parts of the 2019 California Building Code become effective January 1, 2020 except the effective date for the use of the 2019 Building Energy Efficiency Standards (Title 24, Part 1, Chapter 10) is January 8, 2019 and the effective date for the use of the California Administrative Code (Title 24, Part 1, Chapter 4) is January 8, 2019.

APPLICABLE CODES

|                                   |                            |
|-----------------------------------|----------------------------|
| BUILDING DESIGNATION:             | BLDG E                     |
| OCCUPANCY GROUP:                  | GROUP E                    |
| CONSTRUCTION TYPE:                | VB                         |
| ALLOWABLE FLOOR AREA:             | 9,500 SQ FT                |
| ACTUAL FLOOR AREA:                | 960 SQ FT                  |
| TOTAL FLOOR AREA BLDG D & BLDG E: | 2,400 SQ FT                |
| BASIC ALLOWABLE AREA 9,500 SF     | 2,400 SF < 9,500 SF = OKAY |
| ALLOWABLE HEIGHT / NO OF STORIES: | 55'-0" / TWO               |
| ACTUAL HEIGHT / NO OF STORIES:    | 12'-0" / ONE               |
| SPRINKLER SYSTEM:                 | NONE                       |

CODE ANALYSIS

- REFER TO GENERAL NOTES ON DRAWING A0.1 FOR GENERAL REQUIREMENTS.
- REFER TO PC DRAWINGS FOR MODULAR CLASSROOM CONSTRUCTION REQUIREMENTS.
- CONTRACTOR'S RESPONSIBILITY TO REROUTE ALL EXISTING LINES UNDERNEATH ALL (N) HARDSCAPE IMPROVEMENTS. REWORK THE IRRIGATION LINES AND HEADS TO MATCH (E) PRODUCTS.
- GRADE ALL AREAS UNDER (N) HARDSCAPE TO BE LESS THAN 2% IN ALL DIRECTIONS

SITE NOTES

**DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:**

THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HANDSHIP ARE SO INDICATED IN THE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF CONSTRUCTION CHANGE DOCUMENT.

- (N) PORTABLE CLASSROOM BUILDING  
A#67985 SN: 24473-74
- ACCESSIBLE RESTROOM
- FIRE ACCESS DRIVE, 26' CLEAR WIDTH
- 40'x60' SAFE DISPERSAL AREA

SITE PLAN LEGEND

- 0001 (N) PORTABLE CLASSROOM BUILDING, RELOCATED FROM ANOTHER SITE
- 0002 (E) FIRE HYDRANT
- 0004 (E) CONC CURB RAMP; A#04-110547
- 0005 (E) CONC CURB RAMP, A#04-105554
- 0006 (E) PASSENGER LOADING ZONE REF DET 4/A1.3, A#04-105554
- 0007 (E) DOOR, ADJUST CLOSER TO 5 LB MAX FORCE OPERATION
- 0008 (E) PASSENGER LOADING ZONE SIGN, A NO. 04-105554
- 0009 (E) 3'-0" (W) PEDESTRAIN GATE W/ PANIC HARDWARE REF DET 13/10.1
- 0010 (E) TRUNCATED DOMES TO BE REMOVED
- 0011 (N) 3'-0" W TRUNCATED DOMES, REF DET 15/A1.3
- 0012 (E) PAINTED STRIPING TO BE REMOVED, (N) PAINTED STRIPING REF DET 18/10.1
- 0013 (N) PASSENGER START LOADING SIGN, REF DET 9/10.2
- 0014 (N) PASSENGER LOADING RESTRICTION SIGN, REF DET 10/10.2
- 0039 (N) 3" STRIPING - PAINTED WHITE TO ALIGN W/ ACCESSIBLE STALLS
- 0100 (E) FDC & PIV
- 0101 (E) KNOX BOX ON BUILDING
- 0102 (E) DOUBLE CHECK DETECTOR ASSEMBLY; A#04-110547
- 0103 (E) FIRE HYDRANT; A#04-110547

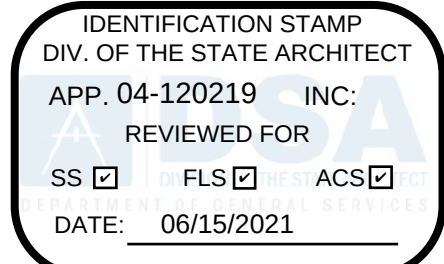
- 0249 (E) DIRECTIONAL ACCESS SIGN; A # 04-105554
- 0250 (N) TOW-AWAY SIGNAGE; REF DET 16/10.2
- 0294 (E) ACCESSIBLE STAFF RESTROOM; PER DET 6/A6.2
- 0295 (E) ACCESSIBLE STAFF RESTROOM; PER DET 6/A6.2
- 0296 (E) ACCESSIBLE BOYS STUDENTS RESTROOMS; PER DET 6/A6.1
- 0297 (E) ACCESSIBLE GIRLS STUDENTS RESTROOMS; PER DET 6/A6.1
- 0298 (E) ACCESSIBLE UNISEX RESTROOM; PER DET 8/A6.2
- 0299 (E) FIRE LANE SIGN; A # 04-105554
- 0300 (E) CURB TO BE PAINTED -RED
- 1050 (E) LUNCH SHELTER; A # 04-107967
- 1555 (E) DRINKING FOUNTAIN TO BE REMOVED, PROTECT IN PLACE GUARD RAILS, (N) ACCESSIBLE HI-LO DRINKING FOUNTAIN, PER DET 8/10.2

REFERENCE NOTES

OVERALL SITE PLAN

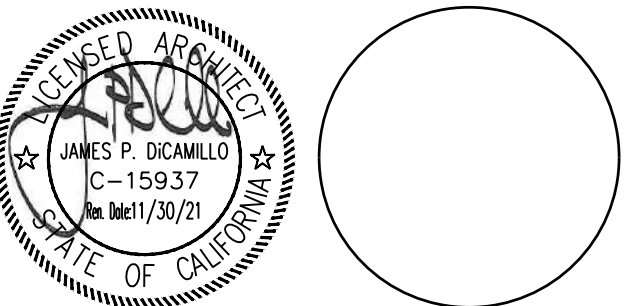
1" = 30'-0"

1



RANCHO CUCAMONGA  
8163 ROCHESTER AVENUE, SUITE 100  
RANCHO CUCAMONGA, CA 91730  
909-987-0909 P

BUENA VISTA CONTINUATION HIGH SCHOOL  
PORTABLE CLASSROOM  
13509 RAMONA AVENUE, CHINO, CA 91709  
CHINO VALLEY UNIFIED SCHOOL DISTRICT



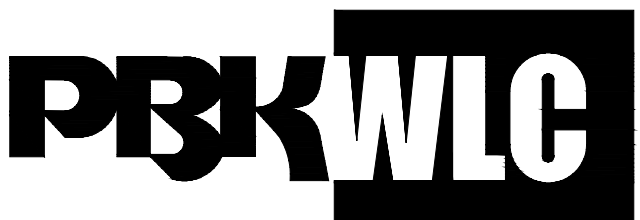
CONSULTANT

| NO        | DATE | BY | DESCRIPTION |
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| REVISIONS |      |    |             |
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| DATE: -                   | SCALE: AS SHOWN |
| PROJECT NUMBER: 04-120219 |                 |

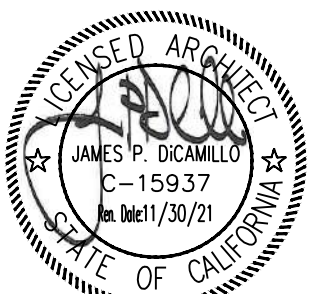
OVERALL  
SITE PLAN

DRAWING  
NUMBER: A1.1



**RANCHO CUCAMONGA**  
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**BUENA VISTA CONTINUATION HIGH SCHOOL  
PORTABLE CLASSROOM**  
13509 RAMONA AVENUE, CHINO, CA 91709  
CHINO VALLEY UNIFIED SCHOOL DISTRICT



CONSULTANT

| NO        | DATE | BY | DESCRIPTION |
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| REVISIONS |      |    |             |

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| DRAWN:                    | CHECKED:        |
| DATE: -                   | SCALE: AS SHOWN |
| PROJECT NUMBER: 04-120219 |                 |

**ENLARGED  
SITE PLANS  
DEMO & NEW**

DRAWING NUMBER: **A1.2**

- (E) LANDSCAPE
- (N) PORTABLE SCIENCE BUILDING, REF TO PORTABLE PC DWGS
- (N) CONC PAVEMENT, REF DET 7/A1.3
- (N) AC PAVEMENT
- (E) CHAINLINK FENCE TO REMAIN
- DEMO (E) CHAINLINK FENCE
- (N) 6" HT CHAINLINK FENCE, REF DETAIL 16/A1.3

**SITE PLAN LEGEND**

UNLESS NOTED OTHERWISE, REMOVE ANY ITEM INCLUDING BUT NOT LIMITED TO STRUCTURE, HARDSCAPE, LANDSCAPE, RETAINING WALL, BOLLARDS, HANDRAILS, CURBS, PARKING LOT LIGHTS ETC. FOR THE EXECUTION OF THE NEW PLAN. PROTECT ALL ADJACENT STRUCTURE, HARDSCAPE, LANDSCAPE AND ITEMS DURING CONSTRUCTION OR REPLACE WHEN DAMAGED.

ADDITIONAL SCOPE OF WORK MAY BE REQUIRED BY OTHER DISCIPLINES. REFER TO OTHER DISCIPLINE'S DRAWINGS. SOME SITE CONDITIONS ARE NOT INDICATED IN THIS PLAN, ALL BIDDERS ARE REQUIRED TO VISIT THE SITE PRIOR TO BID. ENSURE THAT ALL EXISTING UTILITY AND IRRIGATION SYSTEM REMAIN IN WORKING CONDITION DURING AND AT THE END OF CONSTRUCTION.

ALL DEMOLITION WORK SHALL BE IN ACCORDANCE WITH THE ORDINANCES, REGULATIONS AND APPLICABLE CB 2010 CODES. AS APPLICABLE AND WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

ANY CONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE HIMSELF WITH THE SITE AND BUILDING, AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING IMPROVEMENTS (WHICH ARE TO REMAIN IN PLACE) RESULTING DIRECTLY OR INDIRECTLY FROM HIS OPERATIONS WHETHER OR NOT THOSE EXISTING IMPROVEMENTS ARE INDICATED ON THIS PLAN.

IF ANY UNKNOWN SUB-SURFACE STRUCTURE IS ENCOUNTERED DURING DEMOLITION, IT SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER, THE SUPERVISING THE PROJECT ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

DUST SHALL BE CONTROLLED BY WATERING.

PRIOR TO COMMENCING ANY DEMOLITION WORK, THE CONTRACTOR SHALL MAKE PROVISIONS FOR AN ADEQUATE AND CONTINUOUS SOURCE OF WATER DURING DEMOLITION AND CONSTRUCTION.

THE REMOVAL OF HAZARDOUS MATERIALS IS NOT COVERED BY THESE PLANS. IN THE EVENT THAT SOIL CONTAMINATED WITH HAZARDOUS MATERIALS OR ABANDONED UNDERGROUND STORAGE TANK IS DISCOVERED, DEMOLITION WORK SHALL BE STOPPED UNTIL A SITE ASSESSMENT AND SEPARATE MITIGATION PLANS HAVE BEEN PREPARED BY OTHERS AND APPROVED BY THE OWNER, CITY OF ARTESIA OR AS APPLICABLE, COUNTY OF LOS ANGELES AND OTHER INVOLVED GOVERNING AGENCIES.

THE LOCATION AND PROTECTION OF ALL UTILITIES AND SURVEY MONUMENTS OF EVERY NATURE, WHETHER OR NOT INDICATED ON THESE PLANS, ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES AND SURVEY MONUMENTS THAT HAVE BEEN DAMAGED OR DESTROYED DURING DEMOLITION.

ALL ON-SITE IMPROVEMENTS WHICH ARE TO BE REMOVED OFF-SITE SHALL BE PROPERLY HANDLED AND DISPOSED OF IN COMPLIANCE WITH EXISTING CITY OF ARTESIA AS APPLICABLE, COUNTY OF LOS ANGELES, STATE AND FEDERAL GUIDELINES AND REGULATIONS.

THE CONTRACTOR SHALL CONTACT THE UNDERGROUND SERVICE ALERT, 48-HOURS IN ADVANCE OF THE COMMENCEMENT OF CONSTRUCTION FOR EXISTING UTILITY LOCATIONS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES INDICATED AND ANY OTHER LINES OF RECORD NOT INDICATED ON THESE PLANS.

ADEQUATE BARRICADES, LIGHTS, FLAGMEN, SIGNS AND OTHER SAFETY DEVICES SHALL BE PROVIDED AS SPECIFIED IN THE TRAFFIC MANUAL PUBLISHED BY THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION LATEST REVISION AND AS SPECIFIED BY THE OWNER.

EXISTING STUDENT HARDSCAPE AND WORK AREAS SHALL BE KEPT CLEAN OF ALL MATERIALS RESULTING FROM THE DEMOLITION OPERATIONS. THE STUDENT HARDSCAPE AND WORK AREAS SHALL BE CLEARED DAILY AS NECESSARY TO MAINTAIN SAFE ENVIRONMENT AT ALL TIMES.

ANY MODIFICATIONS OF, OR CHANGES IN DEMOLITION PLANS MUST BE APPROVED BY THE OWNER AND THE PROJECT ARCHITECT.

CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY DEMOLITION OPERATIONS AS DIRECTED BY THE OWNER OR GOVERNING AUTHORITIES. RETURN ADJACENT AREAS TO EXISTING CONDITIONS PRIOR TO THE START OF WORK.

THE CONTRACTOR IS REQUIRED TO OBTAIN ALL NECESSARY PERMITS OR PERMISSION AND UTILITY DISCONNECTION PERMITS FROM THE CITY OF CHINO OR AS APPLICABLE AND UTILITY COMPANIES.

ALL UNUSED UTILITIES, SEWER, WATER, GAS, TELEPHONE AND ELECTRIC SERVICES SHALL BE DISCONNECTED AND CAPPED UNDERGROUND UNLESS NOTED OTHERWISE.

ALL UTILITIES, SEWER, WATER, GAS, TELEPHONE AND ELECTRIC SERVICES TO BE DISCONNECTED AND CAPPED SHALL BE ACCORDING TO OWNER, CITY OF CHINO OR AS APPLICABLE AND UTILITY COMPANY REQUIREMENTS, UNLESS OTHERWISE NOTED.

DO NOT INTERRUPT ANY SERVICES OR DISRUPT THE ACTIVITIES OF THE EXISTING FACILITIES OUTSIDE OF THE DEMOLITION LIMITS.

REMOVE DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM THE DEMOLITION AND SITE CLEARING OPERATIONS FROM THE SITE AND DISPOSE OF IN A LEGAL MANNER.

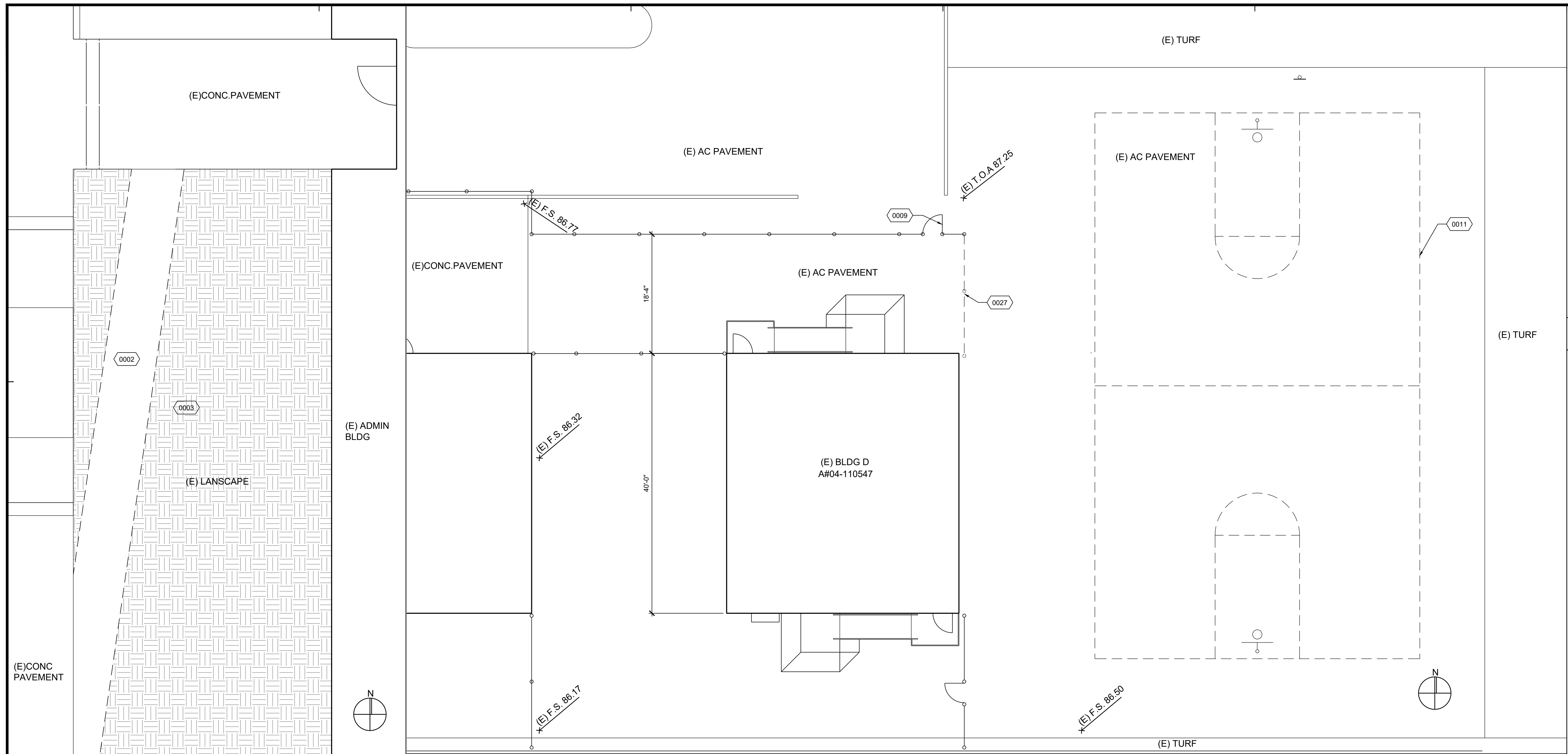
RECONFIGURE (E) IRRIGATION LINES AND SPRINKLER HEADS FOR THE PLACEMENT OF THE LUNCH SHELTER AND CONCRETE. CHECK IRRIGATION COVERAGE TO COVER ALL GROUNDS ADJACENT TO THE LUNCH SHELTER FOOTPRINT BUT KEEP THE BUILDING FROM OVER-SPRAY

PATCH AND REPAIR ALL (E) PAVEMENT DUE TO UNDERGROUND LINE TRENCHING TO MATCH THE ORIGINAL CONDITION. COMPACT INFILL SUBGRADE TO 90% PRIOR TO INSTALLING NEW PAVEMENT.

**DEMO NOTES**

- 0001 (N) 36'X40' PORTABLE SCIENCE BUILDING
- 0002 (E) CONC RAMP TO BE REMOVED
- 0003 (E) LANDSCAPE TO BE PREPARED FOR (N) RAMP, SEE DEMO NOTES. PROTECT IN PLACE AS MUCH (E) LANDSCAPE AS POSSIBLE
- 0009 (E) 3'-0" (W) PEDESTRAIN GATE W/ PANIC HARDWARE, REF DET 13/10.1 FOR (E) GATE
- 0011 BLACKOUT (E) BASKETBALL COURT STRIPING
- 0016 CONNECT (N) FENCE TO (E)
- 0020 (N) RAILING AT RAMP, REF 18/10.1
- 0021 (N) CONC CURB AT RAMP, REF 19/10.1
- 0025 (N) LANDING, RAMP & RAILING REF PC DWGS
- 0026 (N) ROOM ID & BUILDING ID SIGN ON THE EXTERIOR SIDE, REFER TO DET 12/10.1
- 0027 REMOVE (E) CHAIN LINK FENCE
- 0028 (N) AC LANDING & RAMP; REF DET 4/10.1
- 0029 (N) ALS SIGN, REF DET 9/10.1
- 0030 (N) FILLER PANELS, REF DET 2/10.1
- 0031 (N) DRYWELL, REF DET 3/10.1
- 0032 (N) CL GATE, REF DET 16/10.1

**REFERENCE NOTES**

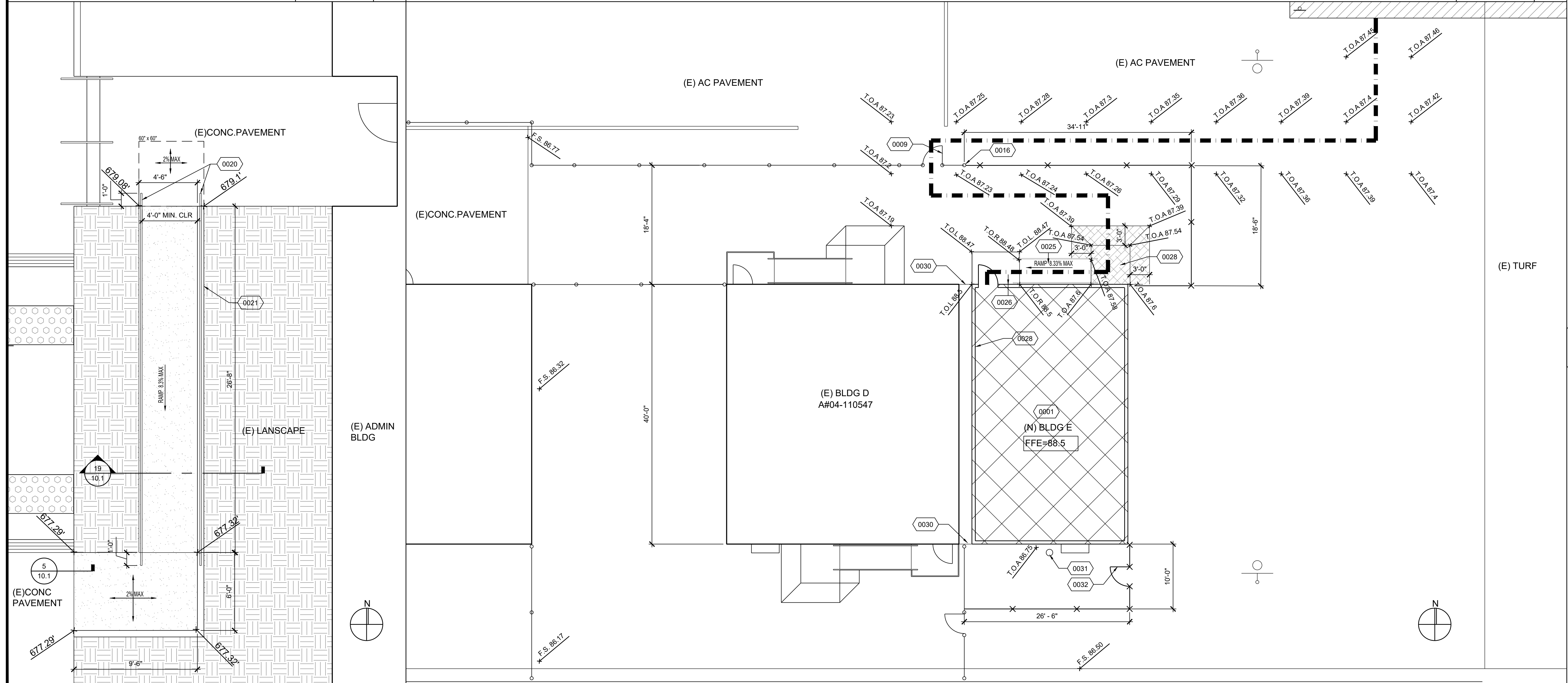


ENLARGED SITE PLAN- DEMO

ENLARGED RAMP- DEMO

1/4"=1'-0"

3



ENLARGED SITE PLAN- NEW

ENLARGED RAMP - NEW

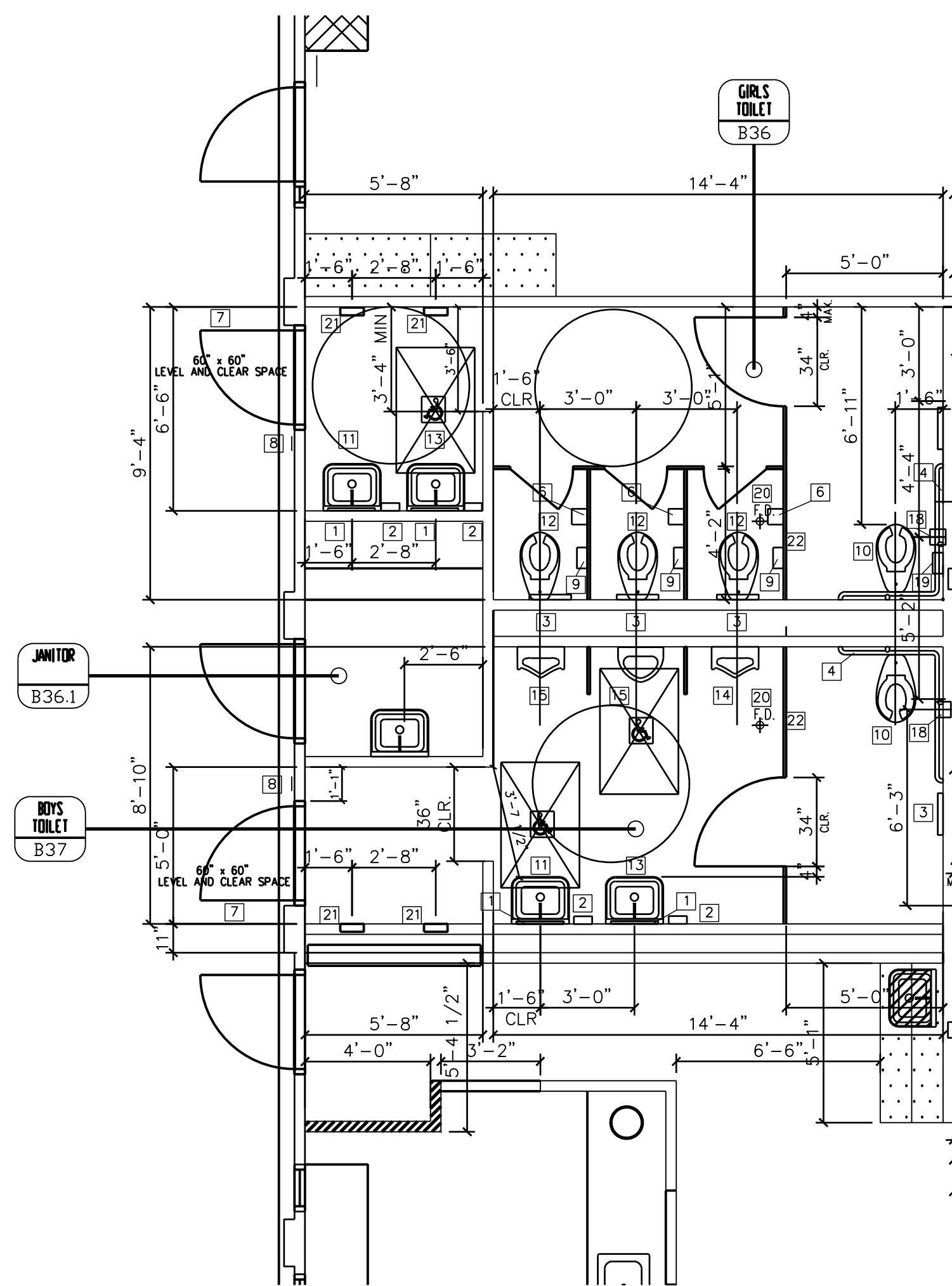
1/4"=1'-0"

4

1/8"=1'-0"

2

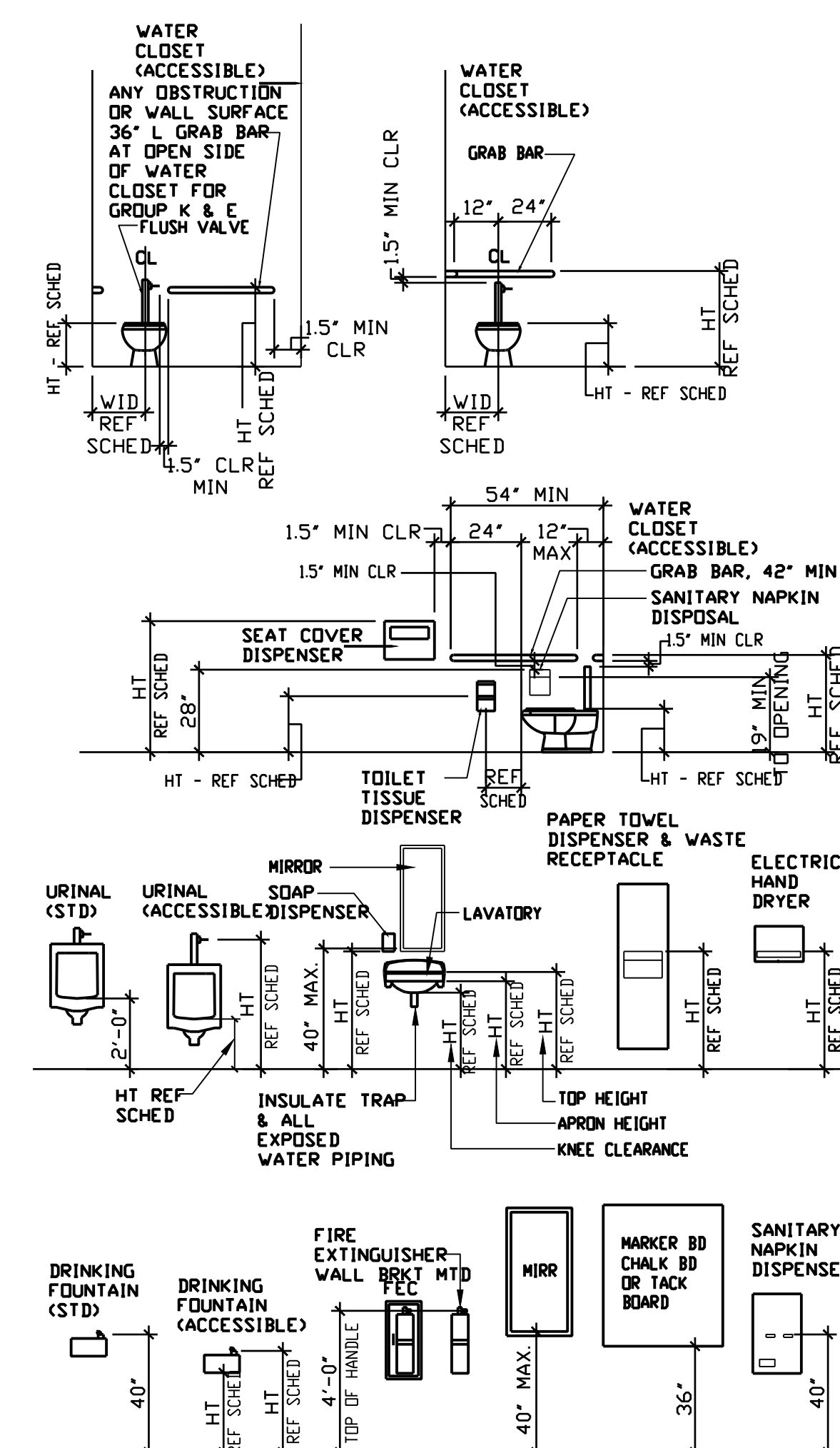




NOTES:

- FIXTURES HEIGHT/DIMENSIONS ARE "ADULT" PER 3/A6.1
- INTERIOR ELEVATIONS PER 3/A6.1

TOILET ROOM B36, B37, -EXISTING FLOOR PLAN

$$1/4'' = 1' - 0''$$
[illegible]

## NOTES

1. ALL FIXTURES & ACCESSORIES ARE ACCESSIBLE UNLESS OTHERWISE NOTED OR DIMENSIONED.
2. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
3. ALL ACCESSORIES ARE TO BE ACCESSIBLE WITH A MAXIMUM REACH HEIGHT OF 3'-4" FROM FLOOR TO TOP OF FUNCTIONAL POINT UNLESS OTHERWISE NOTED OR DIMENSIONED. MIRROR HEIGHTS TO BOTTOM OF REFLECTIVE SURFACE AND TO FACE OF FINISH UNLESS OTHERWISE NOTED.
5. OPERABLE PARTS OF ALL ACCESSIBLE ELEMENTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE PARTS SHALL BE 5 POUNDS MAX (CBC SEC 11B-205 AND 11B-309.4)
6. OPERABLE PARTS OF ALL ACCESSIBLE ELEMENTS SHALL BE PLACED WITHIN ACCESSIBLE REACH RANGES.

## FIXTURE MOUNTING SCHEDULE

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-  (E) EXTERIOR WALL / INTERIOR PARTITION TO REMAIN.
-  (E) SPLIT FACE CMU WALL TO REMAIN
-  (E) DOOR LEAF(S) W/ ACCESSIBLE HARDWARE
-  (E) PLUMBING FIXTURES

GENERAL NOTES:

1. DIMENSIONS FOR CMU ARE FROM FACE OF MASONRY
2. DIMENSIONS FOR METAL STUDS ARE FROM FACE OF INTERIOR STUDS OR FACE OF EXTERIOR STUDS

## LEGEND

2

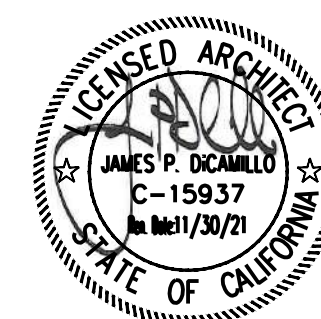
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 04-120219 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 06/15/2021



**RANCHO CUCAMONGA**  
8163 ROCHESTER AVENUE, SUITE 100  
RANCHO CUCAMONGA, CA 91730  
909-987-0909 P

**BUENA VISTA CONTINUATION HIGH SCHOOL  
PORTABLE CLASSROOM**

13509 RAMONA AVENUE, CHINO, CA 91709  
CHINO VALLEY UNIFIED SCHOOL DISTRICT



CONSULTANT

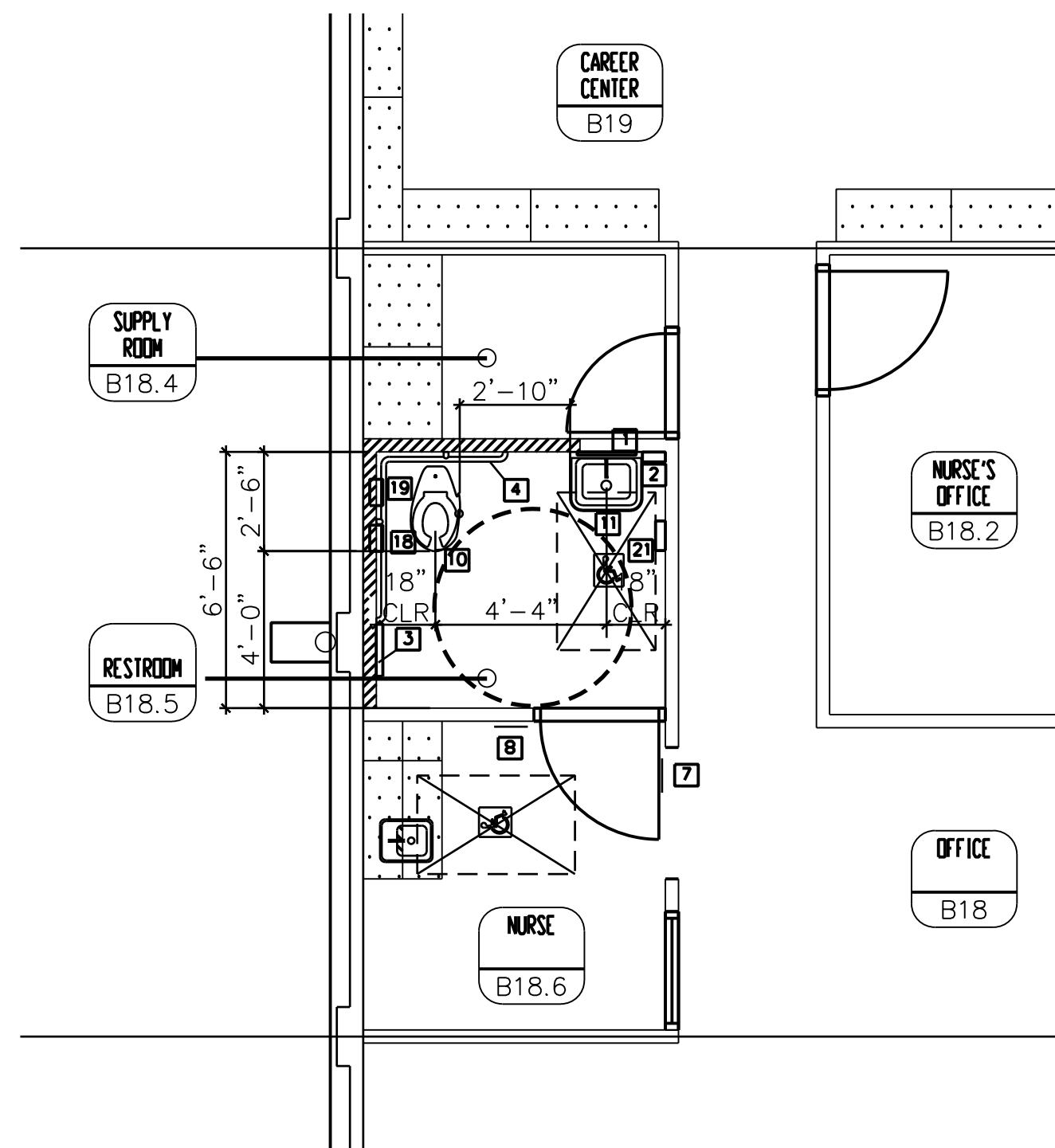
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|  | REVISIONS |    |             |

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| <b>DRAWN:</b> WLC                | <b>CHECKED:</b> JPD    |
| <b>DATE:</b> -                   | <b>SCALE:</b> AS SHOWN |
| <b>PROJECT NUMBER:</b> 04-120219 |                        |

ENLARGED  
RESTROOM  
FLOOR PLANS

DRAWING NUMBER: A6 1



NOTES:

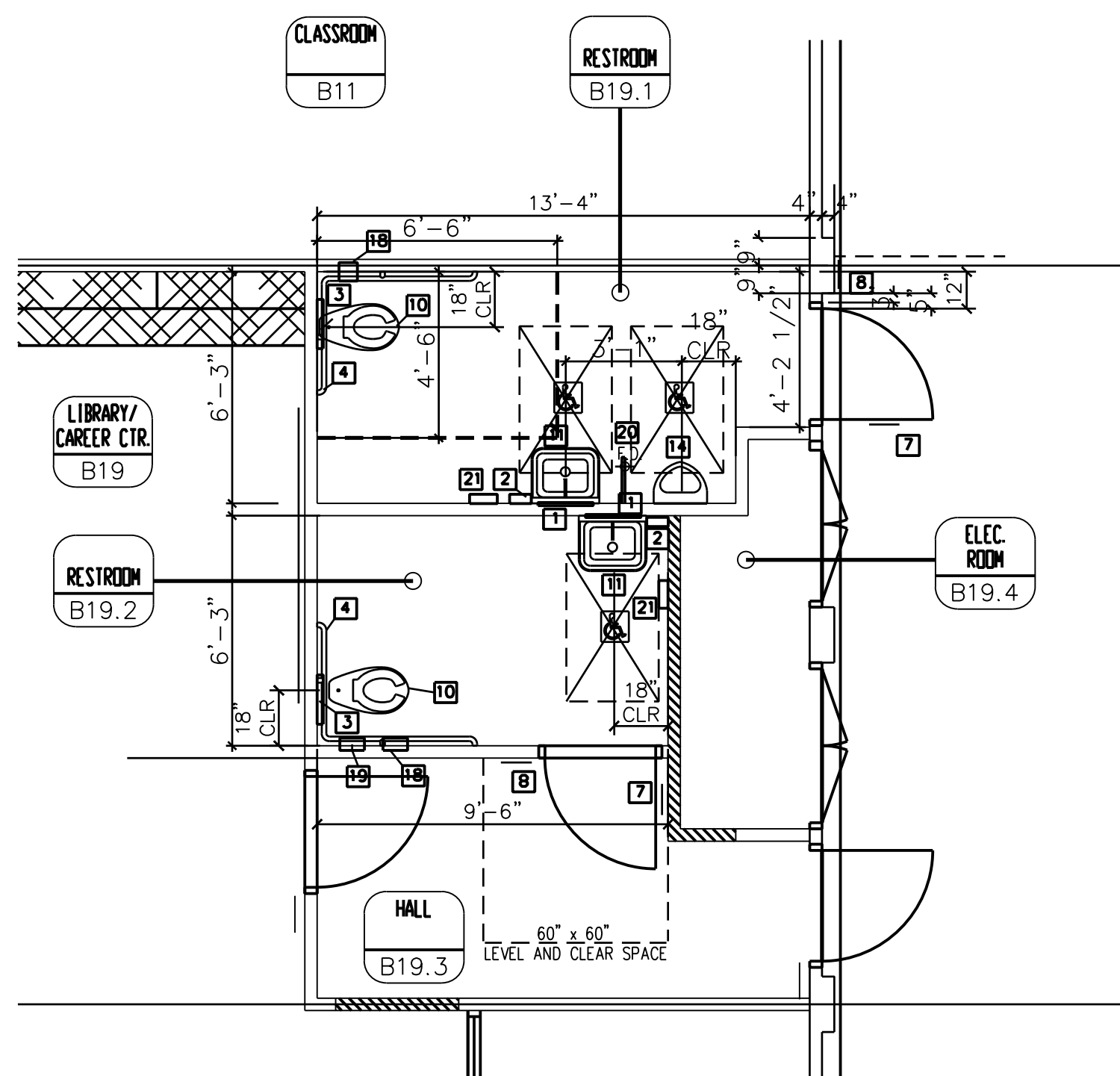
-FIXTURES HEIGHT/DIMENSIONS ARE "ADULT" PER 3/A6.1

-INTERIOR ELEVATIONS PER 3/A6.1

TOILET ROOM B18.5 -EXISTING FLOOR PLAN

1/4"=1'-0"

8



NOTES:

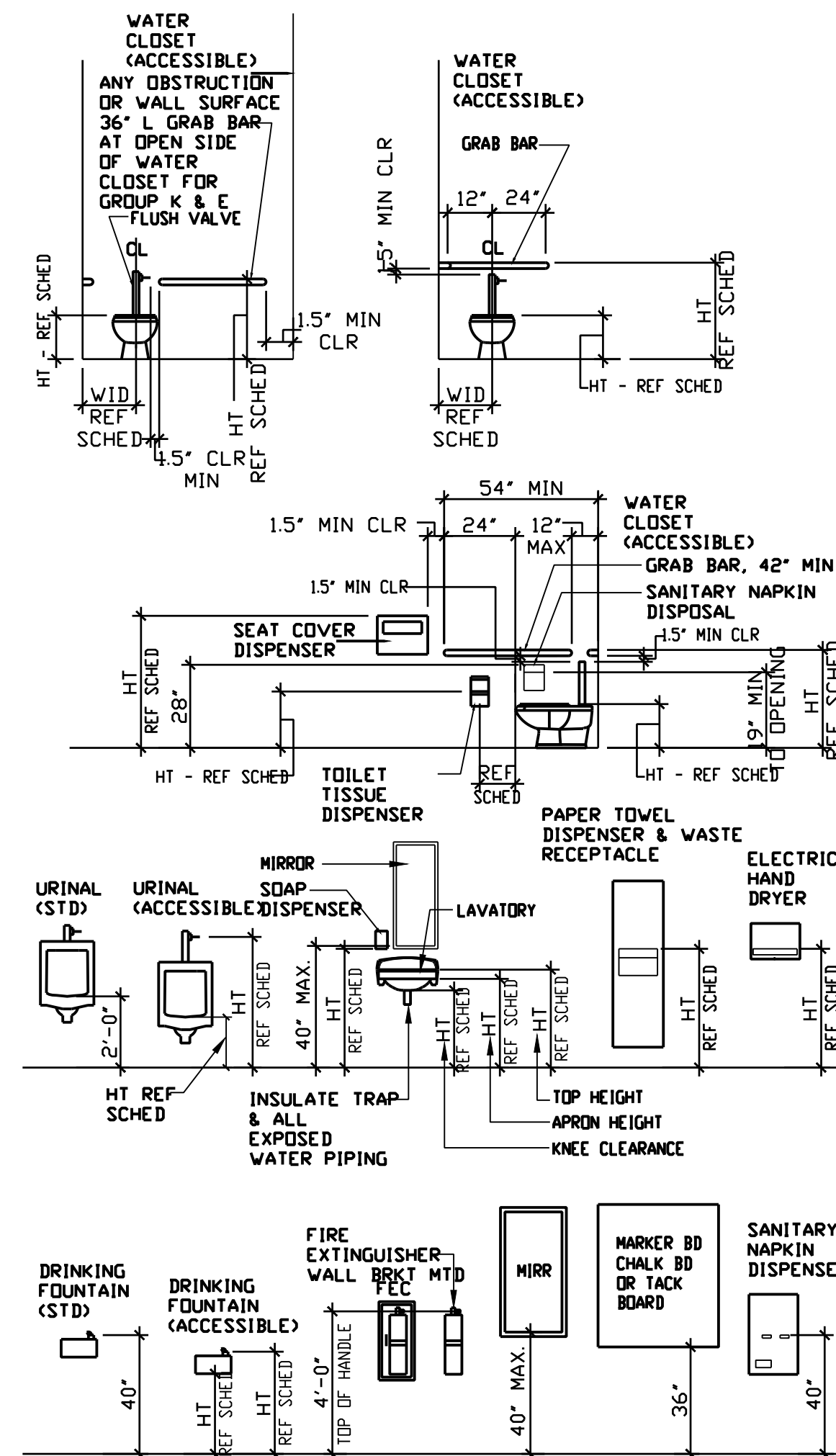
-FIXTURES HEIGHT/DIMENSIONS ARE "ADULT" PER 3/A6.1

-INTERIOR ELEVATIONS PER 3/A6.1

TOILET RM B19.1, B19.2 -EXISTING FLOOR PLAN

1/4"=1'-0"

6



| ALTERNATE DIMENSIONS                                                                           |                                      | 2019 CBC Reference: F: Table, S: Section, F: Figure |                                      |                                      |           |
|------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------|--------------------------------------|--------------------------------------|-----------|
|                                                                                                | Adult                                | Age 8-14                                            | Age 8-14                             | Age 8-14                             | 2019 CBC  |
| Toilet Offset                                                                                  | 17'-10"                              | 2'-10"                                              | 2'-10"                               | 2'-10"                               | 719-404.9 |
| Toilet Seat Height                                                                             | 17'-10"                              | 1'-10"                                              | 1'-10"                               | 1'-10"                               | 719-404.9 |
| Top of Grab Bar Gripping Surface                                                               | 38'-0"                               | 38'-0"                                              | 38'-0"                               | 38'-0"                               | 719-404.9 |
| V. P. Dispenser Outlet (A.F.P. to Centerline of Outlet or Front of Dispenser) in front of M.C. | 15' Min.                             | 15' Min.                                            | 15' Min.                             | 15' Min.                             | 719-404.9 |
| Landmark Rim Height                                                                            | 34' Max.                             | 34' Max.                                            | 34' Max.                             | 34' Max.                             | 719-404.9 |
| Landmark Knee Clearance                                                                        | 27' Min.                             | 27' Min.                                            | 27' Min.                             | 27' Min.                             | 719-404.9 |
| Urinal Height                                                                                  | 17' Min.                             | 17' Min.                                            | 17' Min.                             | 17' Min.                             | 719-404.9 |
| Urinal Projection                                                                              | 15'-10" Min.                         | 15'-10" Min.                                        | 15'-10" Min.                         | 15'-10" Min.                         | 719-404.9 |
| High D. P. Spout Height                                                                        | 44' Max.                             | 44' Max.                                            | 44' Max.                             | 44' Max.                             | 719-404.9 |
| Low D. P. Spout Height                                                                         | 38'-0" Min.                          | 38'-0" Min.                                         | 38'-0" Min.                          | 38'-0" Min.                          | 719-404.9 |
| Spout Height and Spout Location from Front Edge of the Unit Including Bumpers                  | 15' Min.                             | 15' Min.                                            | 15' Min.                             | 15' Min.                             | 719-404.9 |
| D. P. Operable Parts                                                                           | 9' Min. from front edge of the unit. | 9' Min. from front edge of the unit.                | 9' Min. from front edge of the unit. | 9' Min. from front edge of the unit. | 719-404.9 |
| Countertop D. P. Projection                                                                    | 18'-10"                              | 18'-10"                                             | 18'-10"                              | 18'-10"                              | 719-404.9 |
| Top Clearance of Toilet Partition                                                              | 7' Min.                              | 7' Min.                                             | 7' Min.                              | 7' Min.                              | 719-404.9 |
| Shelf Height                                                                                   | 40'-0"                               | 40'-0"                                              | 40'-0"                               | 40'-0"                               | 719-404.9 |
| Restroom Accessory Reach Height                                                                | 40' Min.                             | 40' Min.                                            | 40' Min.                             | 40' Min.                             | 719-404.9 |
| Mirror Height (Bottom Edge of Reflecting Surface)                                              | 40' Min.                             | 40' Min.                                            | 40' Min.                             | 40' Min.                             | 719-404.9 |
| Mirror Height (Bottom Edge of Reflecting Surface) in Dressing, Fitting, & Locker Rooms         | 40' Min.                             | 40' Min.                                            | 40' Min.                             | 40' Min.                             | 719-404.9 |

NOTES:

1. ALL FIXTURES & ACCESSORIES ARE ACCESSIBLE UNLESS OTHERWISE NOTED OR DIMENSIONED.

2. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

3. ALL ACCESSORIES ARE TO BE ACCESSIBLE WITH A MAXIMUM REACH HEIGHT OF 3'-4" FROM FLOOR TO TOP OF FUNCTIONAL POINT UNLESS OTHERWISE NOTED OR DIMENSIONED. MIRROR HEIGHT IS TO BOTTOM OF REFLECTIVE SURFACE.

4. ALL DIMENSIONS FOR ACCESS COMPLIANCE ARE TO FACE OF FINISH UNLESS OTHERWISE NOTED.

5. OPERABLE PARTS OF ALL ACCESSIBLE ELEMENTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAX (CBC SEC 11B-205 AND 11B-309.4)

6. OPERABLE PARTS OF ALL ACCESSIBLE ELEMENTS SHALL BE PLACED WITHIN ACCESSIBLE REACH RANGES.

FIXTURE MOUNTING SCHEDULE

3

- (E) 18" X 36" MIRROR BOBRICK MODEL B-293 1836
- (E) SURFACE-MOUNTED SOAP DISPENSER, BOBRICK B-4112
- (E) SURFACE MOUNTED TOILET SEAT COVER DISPENSER, BOBRICK B-221
- (E) 36" X 48" X 1 1/2" DIA GRAB BAR BOBRICK B-5837
- (E) SURFACE MOUNTED TOILET TISSUE DISPENSER, BOBRICK B-2888
- (N) DOOR MOUNTED SYMBOL, PER DET 1/10.2
- (N) WALL MOUNTED SIGNAGE, PER DET 2/10.2
- (E) SURFACE MOUNTED SANITARY NAPKIN DISPOSAL, BOBRICK CONTURA B-270
- (E) ACCESSIBLE TOILET/ AMERICAN STANDARD/ MADERA
- (E) ACCESSIBLE SINK/ AMERICAN STANDARD/ LUCERNE MODEL # 0356.021
- (E) NON-ACCESSIBLE TOILET
- (E) NON-ACCESSIBLE SINK
- (E) ACCESSIBLE URINAL
- (E) NON-ACCESSIBLE URINAL
- (E) SEMI-RECESSED MOUNTED TOILET TISSUE DISPENSER, MODEL B-3888 TO BE RELOCATE (E) TOILET PAPER DISPENSER IN ACCESSIBLE STALL PER DETAIL 17/10.2
- (E) SEMI-RECESSED MOUNTED SANITARY NAPKIN DISPOSAL MODEL B-353
- (E) FLOOR DRAINS
- (E) ELECTRIC HAND DRYER-REF.3/A6.1 FOR MOUNTED HEIGHT
- (E) TOILET PARTITIONS, TYP, PER DET 18/10.2.

REFERENCE NOTES

1

- (E) EXTERIOR WALL / INTERIOR PARTITION TO REMAIN.
- (E) SPLIT FACE CMU WALL TO REMAIN
- (E) DOOR LEAF(S) W/ ACCESSIBLE HARDWARE
- (E) PLUMBING FIXTURES

GENERAL NOTES:

1. DIMENSIONS FOR CMU ARE FROM FACE OF MASONARY

2. DIMENSIONS FOR METAL STUDS ARE FROM FACE OF INTERIOR STUDS OR FACE OF EXTERIOR STUDS

LEGEND

2

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 04-120219 INC.  
REVIEWED FOR:  
SS ☐ FLS ☐ ACS ☐  
DATE: 06/15/2021

**PRKWLC**

**RANCHO CUCAMONGA**  
8163 ROCHESTER AVENUE, SUITE 100  
RANCHO CUCAMONGA, CA 91730  
909-987-0909 P

**BUENA VISTA CONTINUATION HIGH SCHOOL**  
**PORTABLE CLASSROOM**  
**CHINO VALLEY UNIFIED SCHOOL DISTRICT**

13509 RAMONA AVENUE, CHINO, CA 91709

CONSULTANT

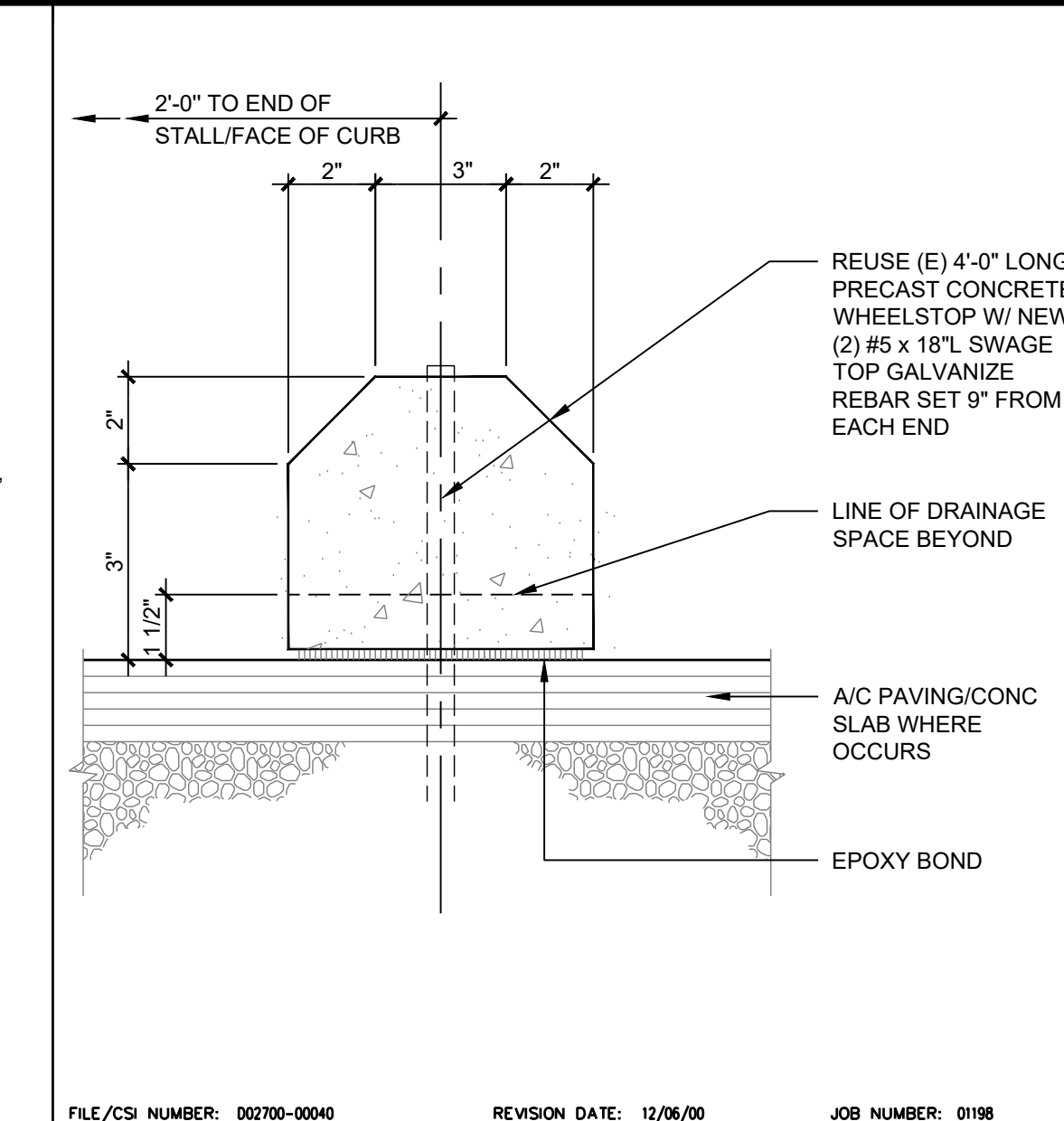
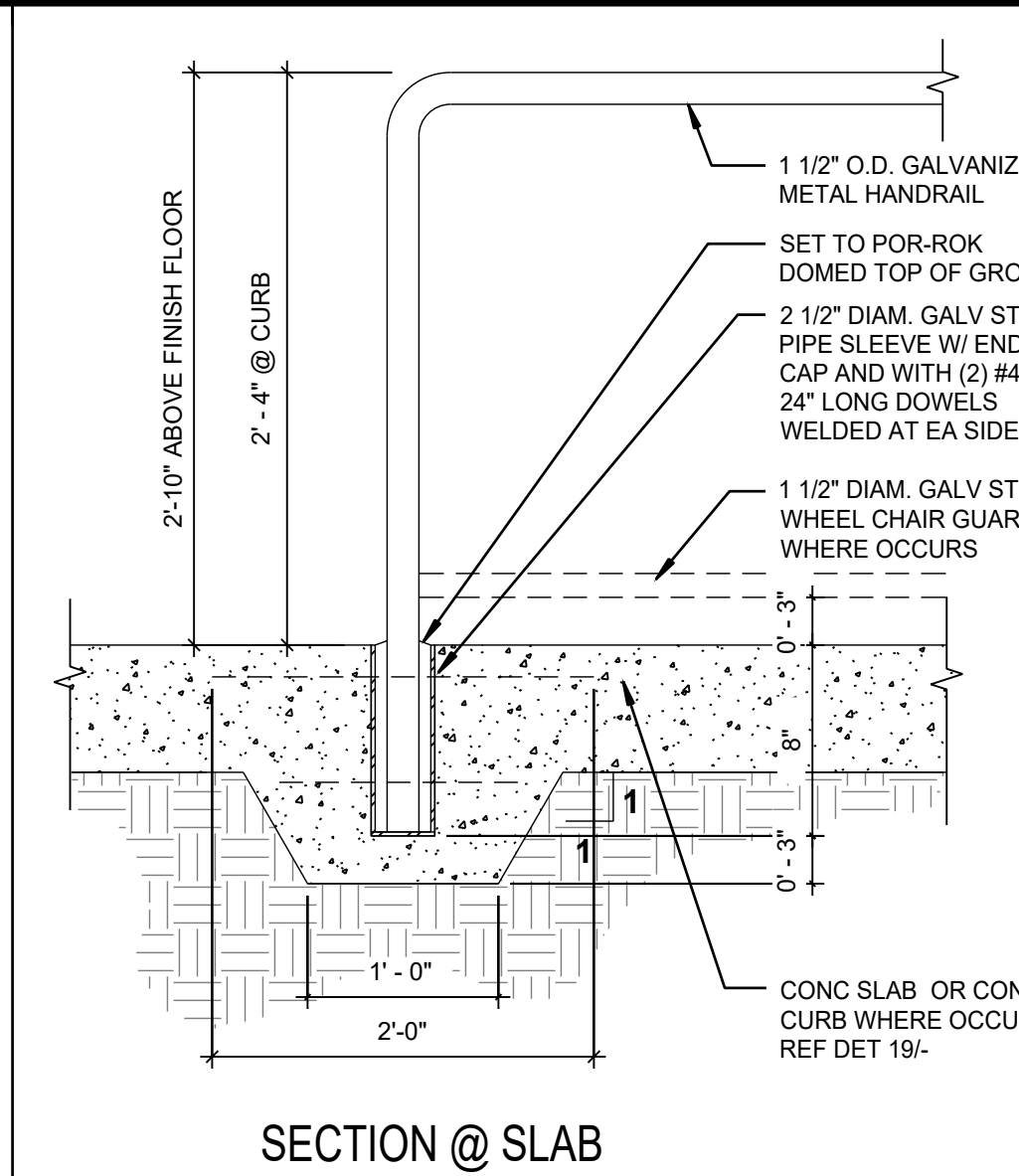
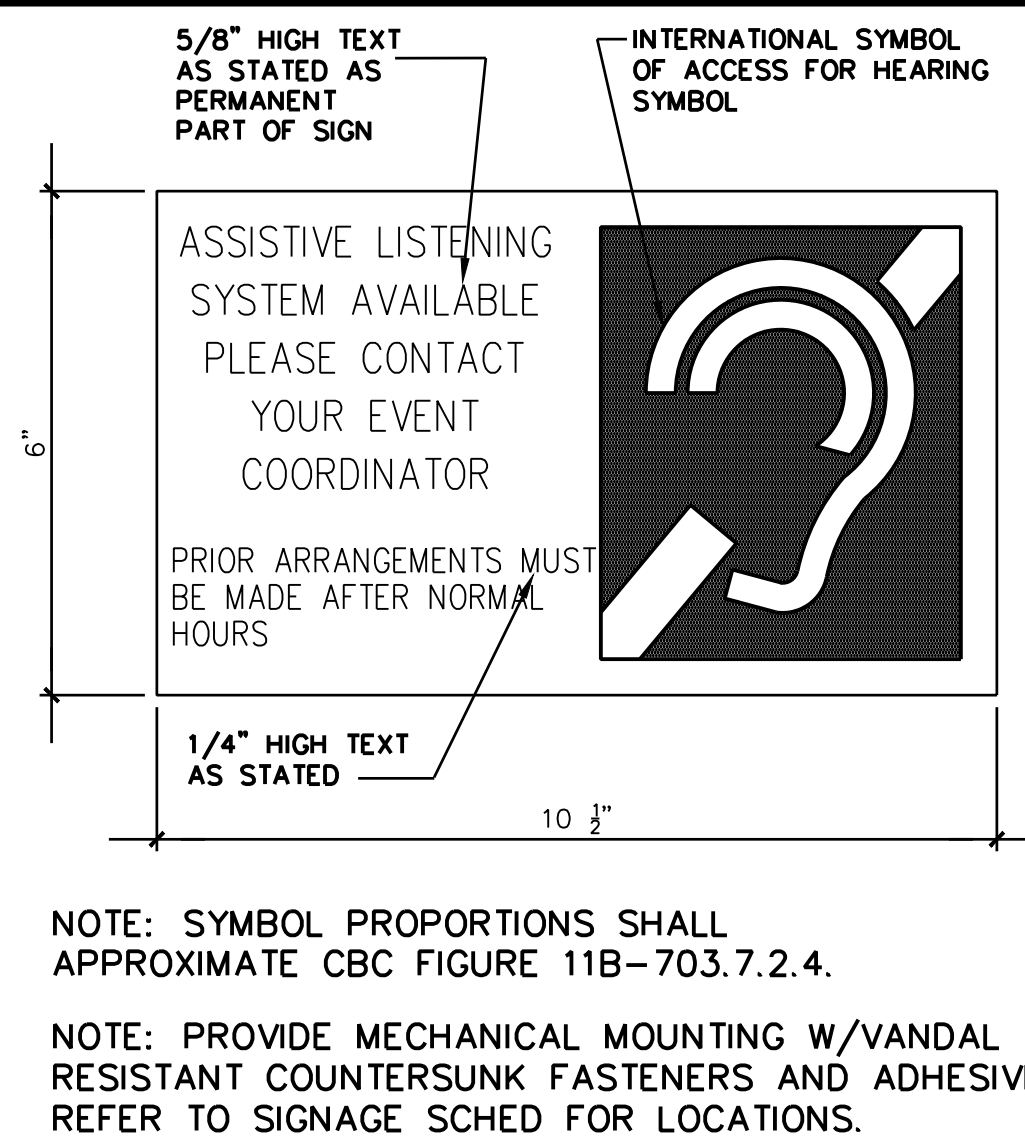
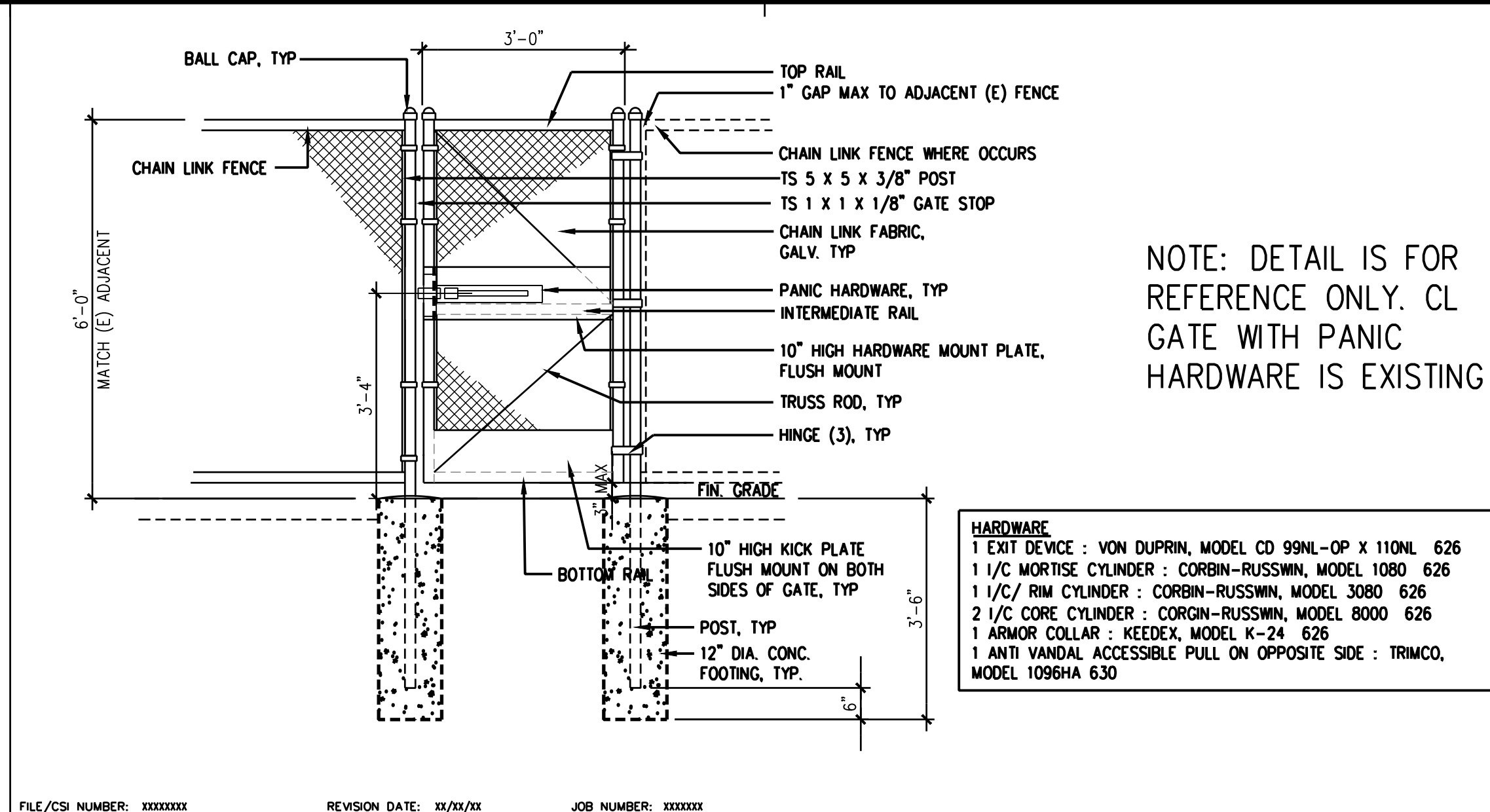
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REVISIONS

DRAWN: WLC CHECKED: JPD  
DATE: - SCALE: AS SHOWN  
PROJECT NUMBER: 04-120219

ENLARGED  
RESTROOM  
FLOOR PLANS

DRAWING  
NUMBER: A6.2

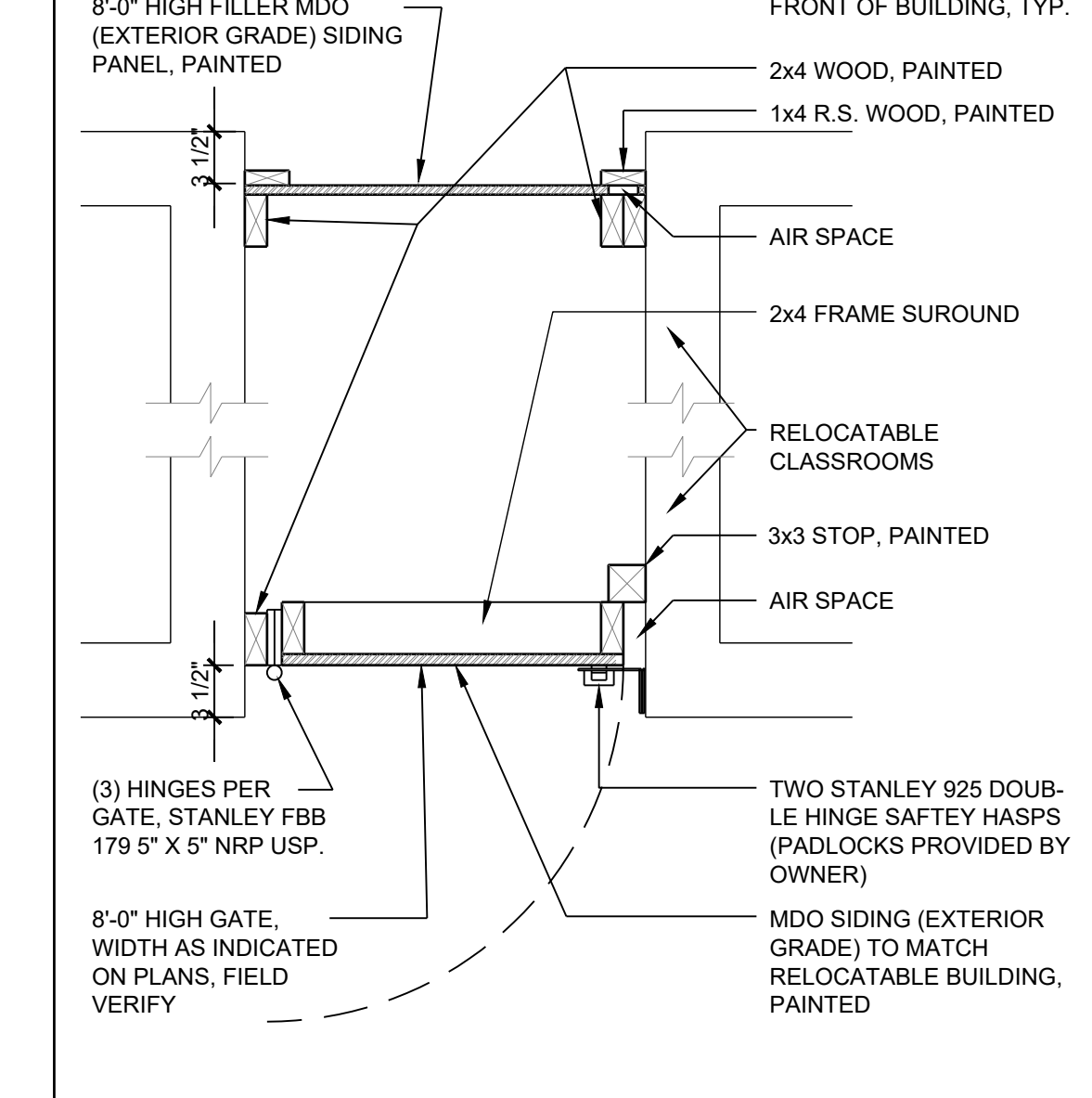
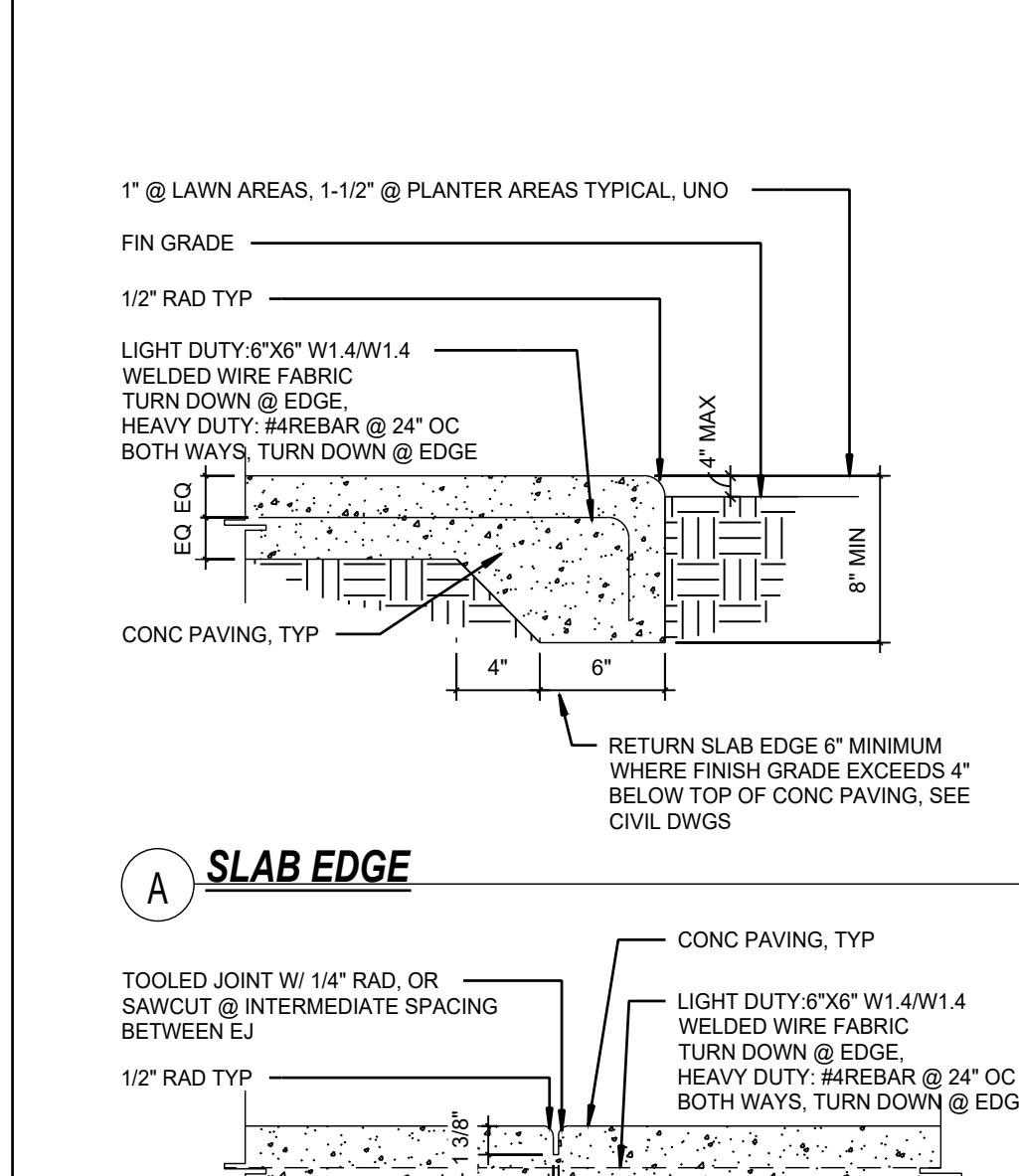
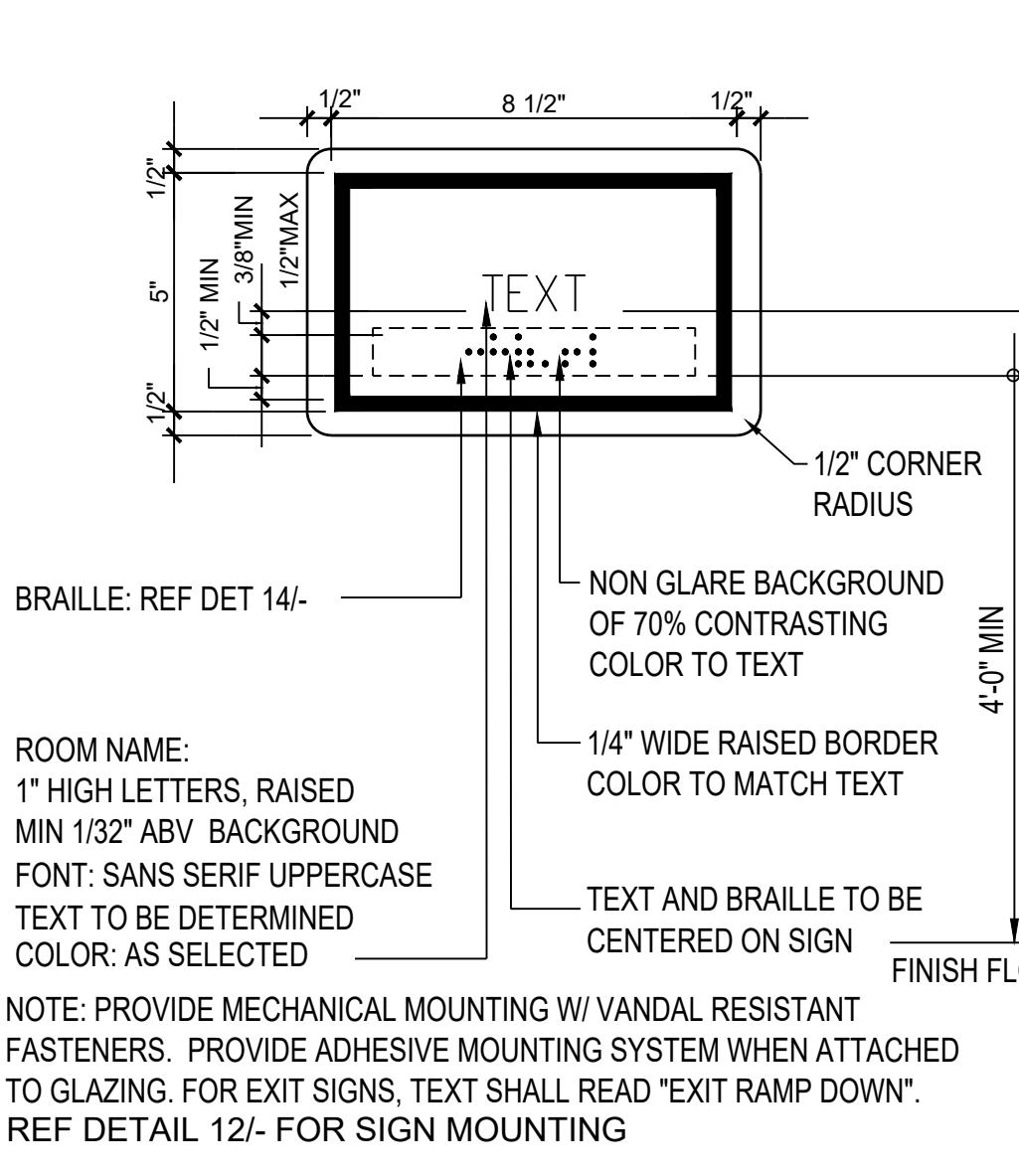
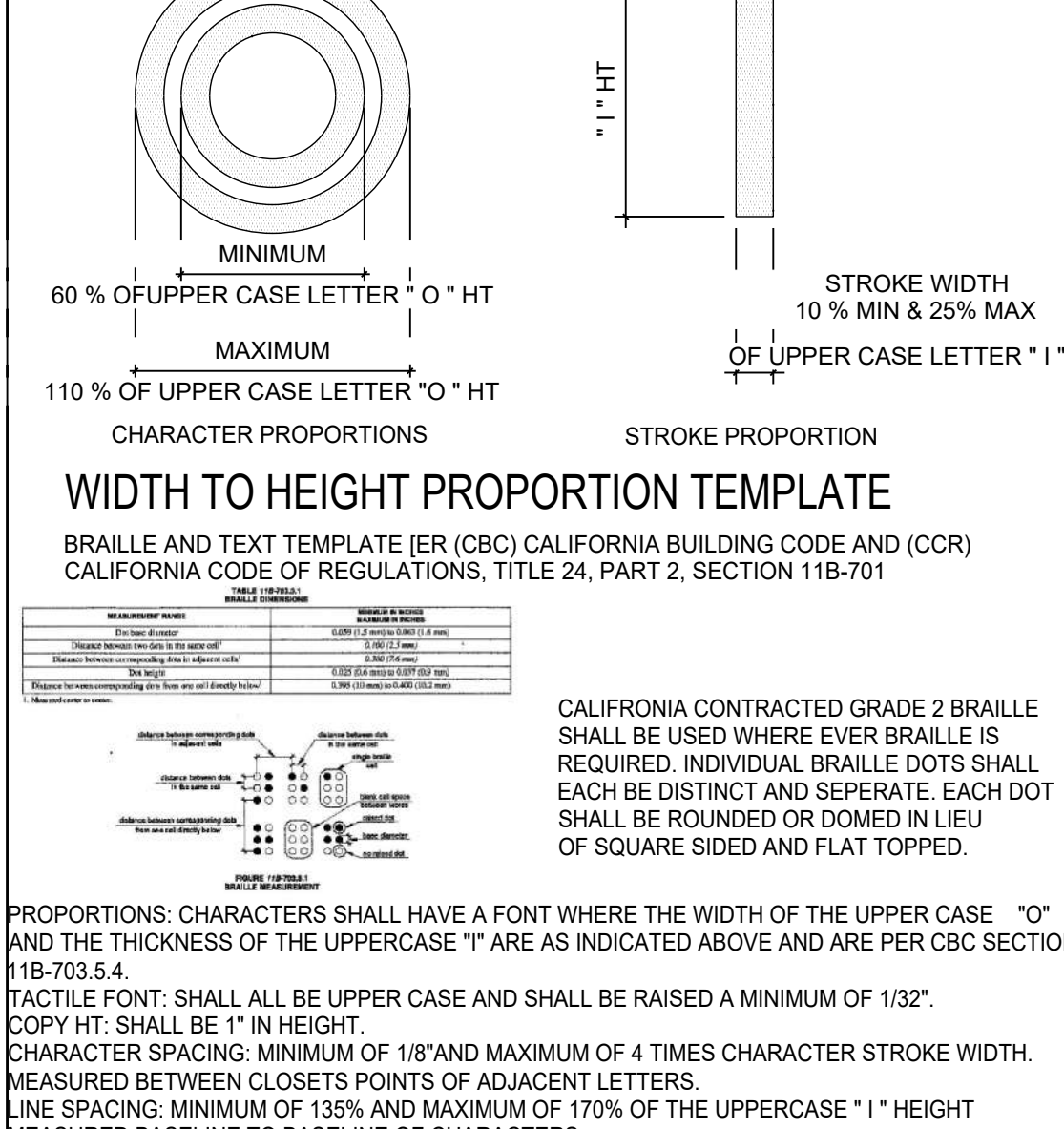
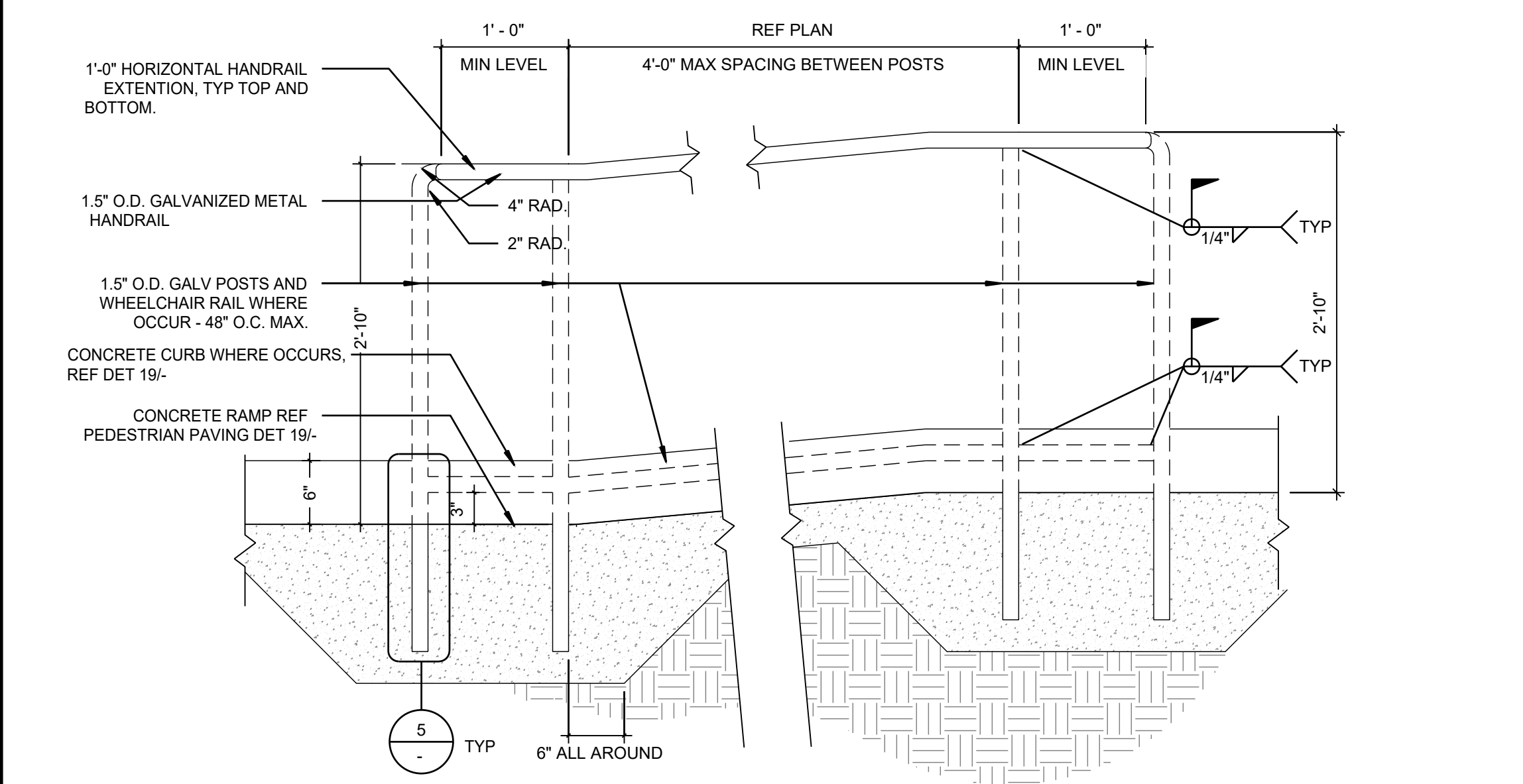


21 CHAIN LINK PEDESTRIAN ACCESSIBLE GATE N.T.S. 13

ALS SIGNAGE 3" = 1'-0" 9

RAILING @ CONC RAMP 1" = 1'-0" 5

WHEEL STOP 3" = 1'-0" 1



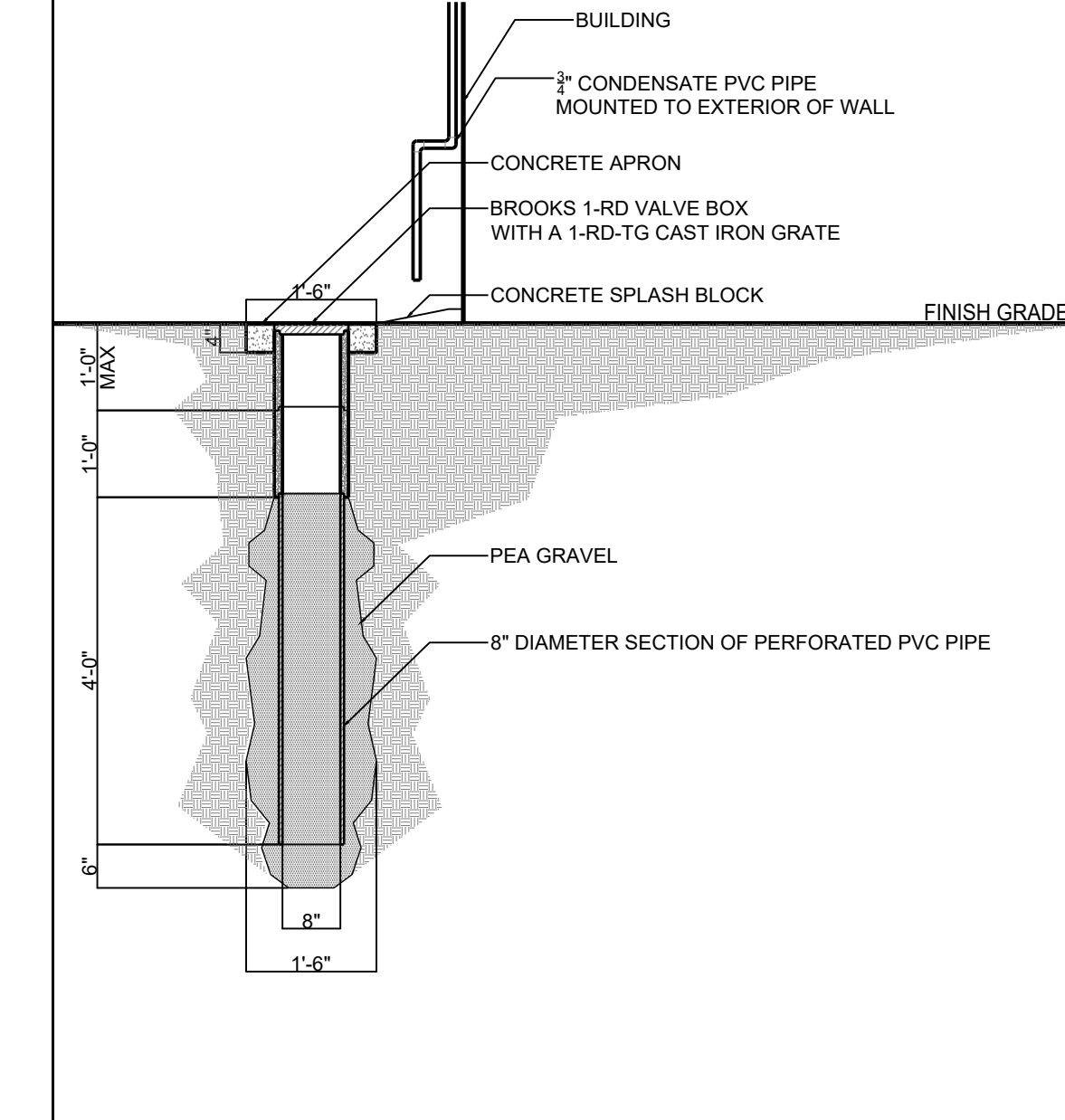
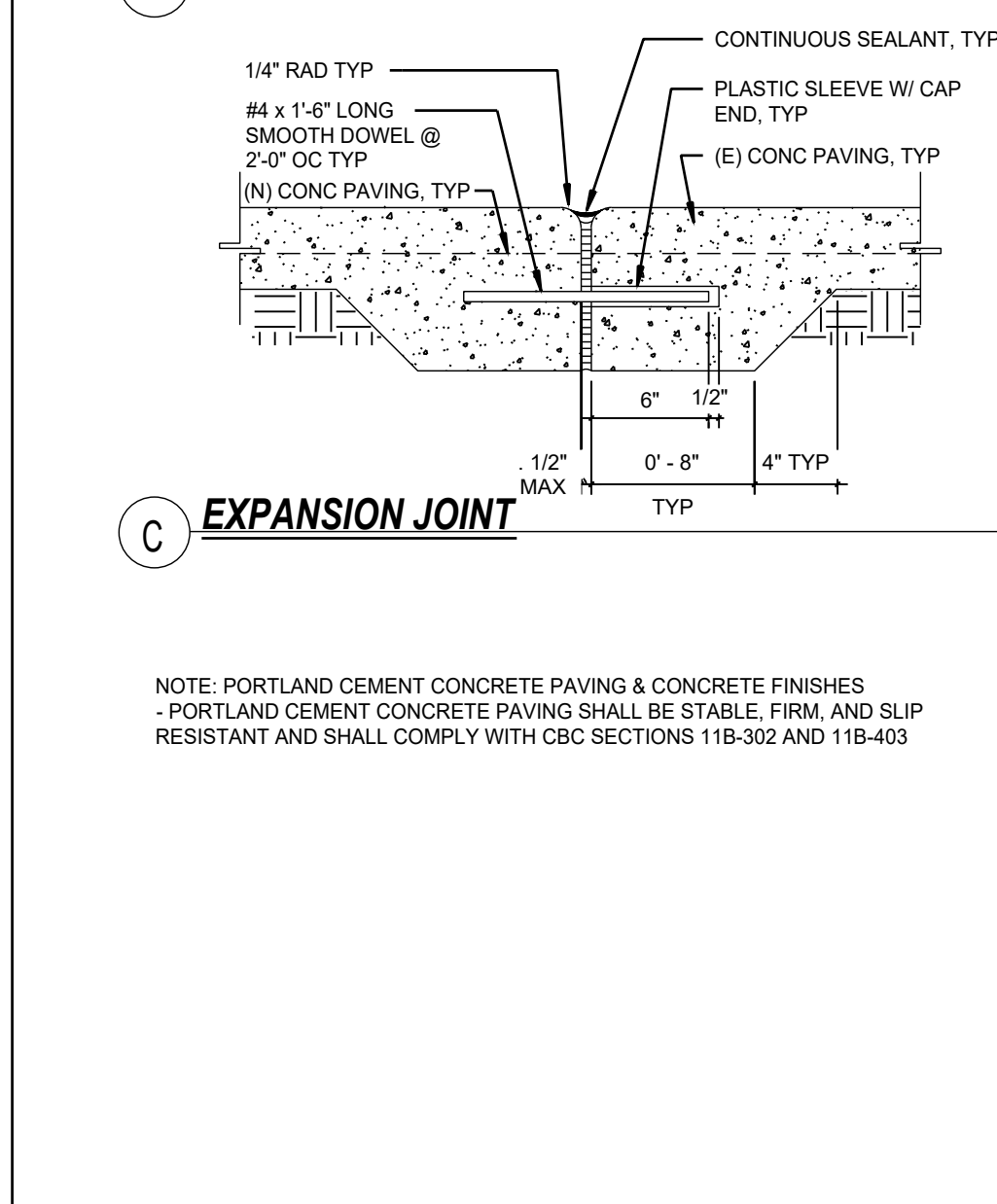
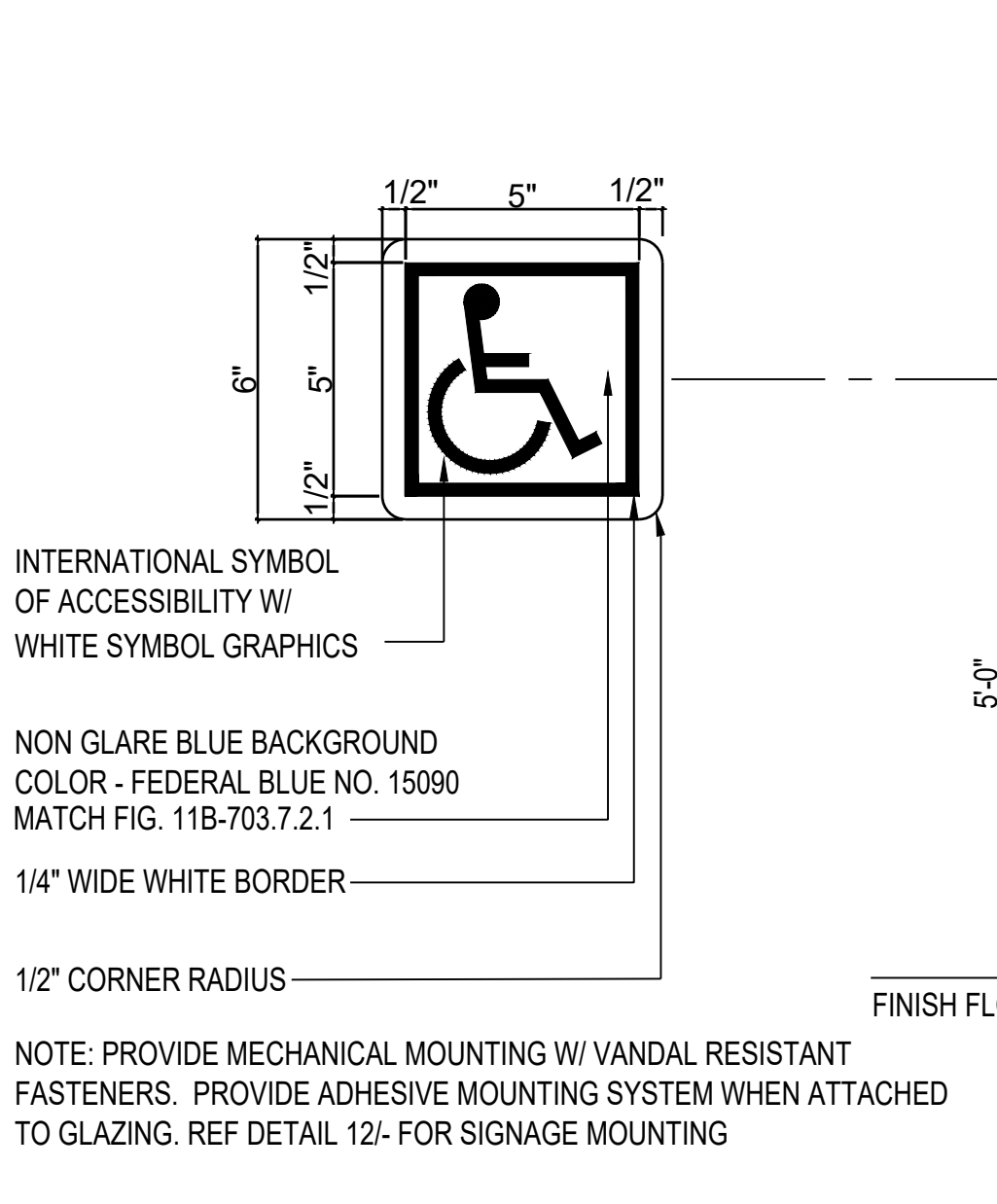
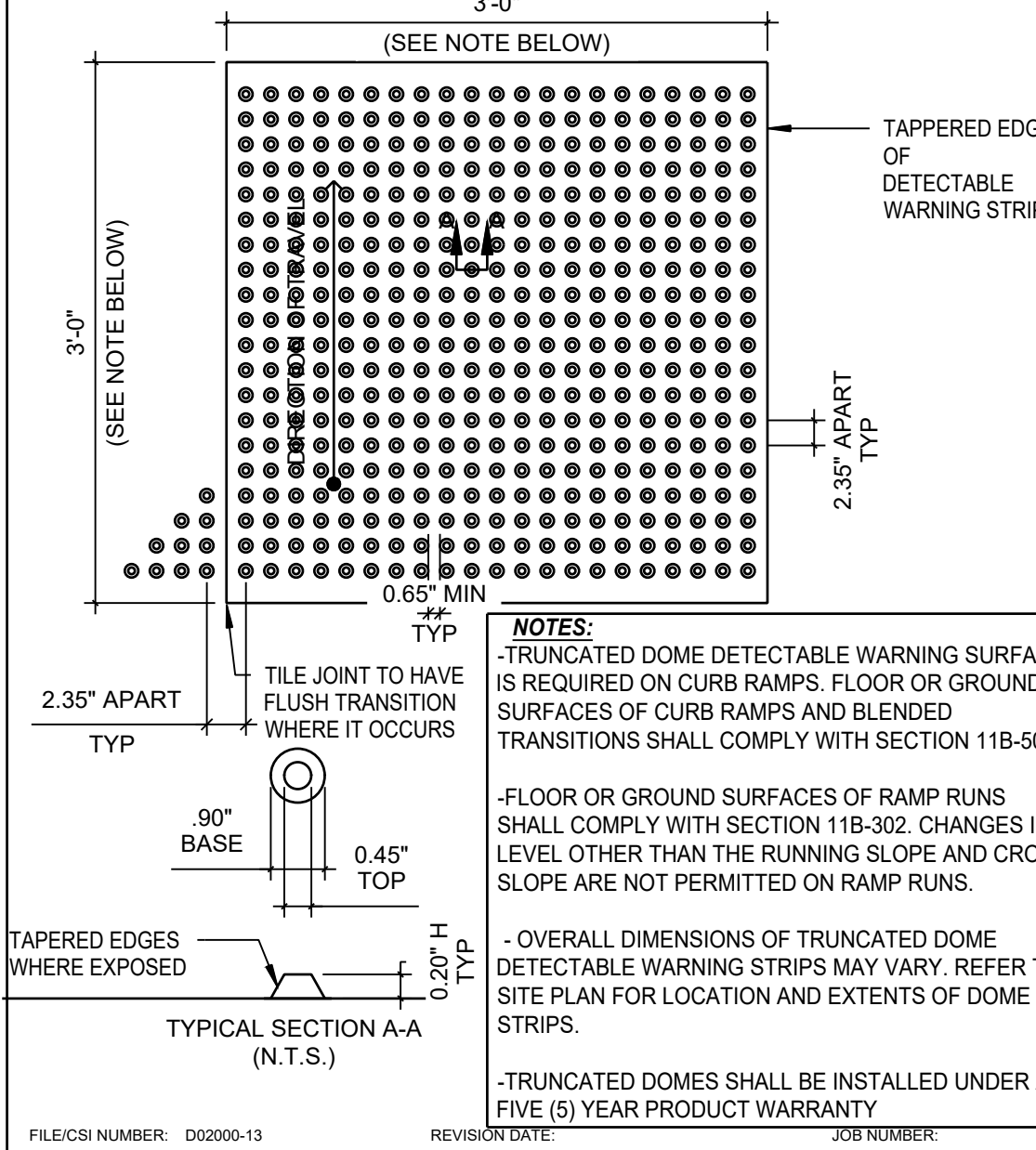
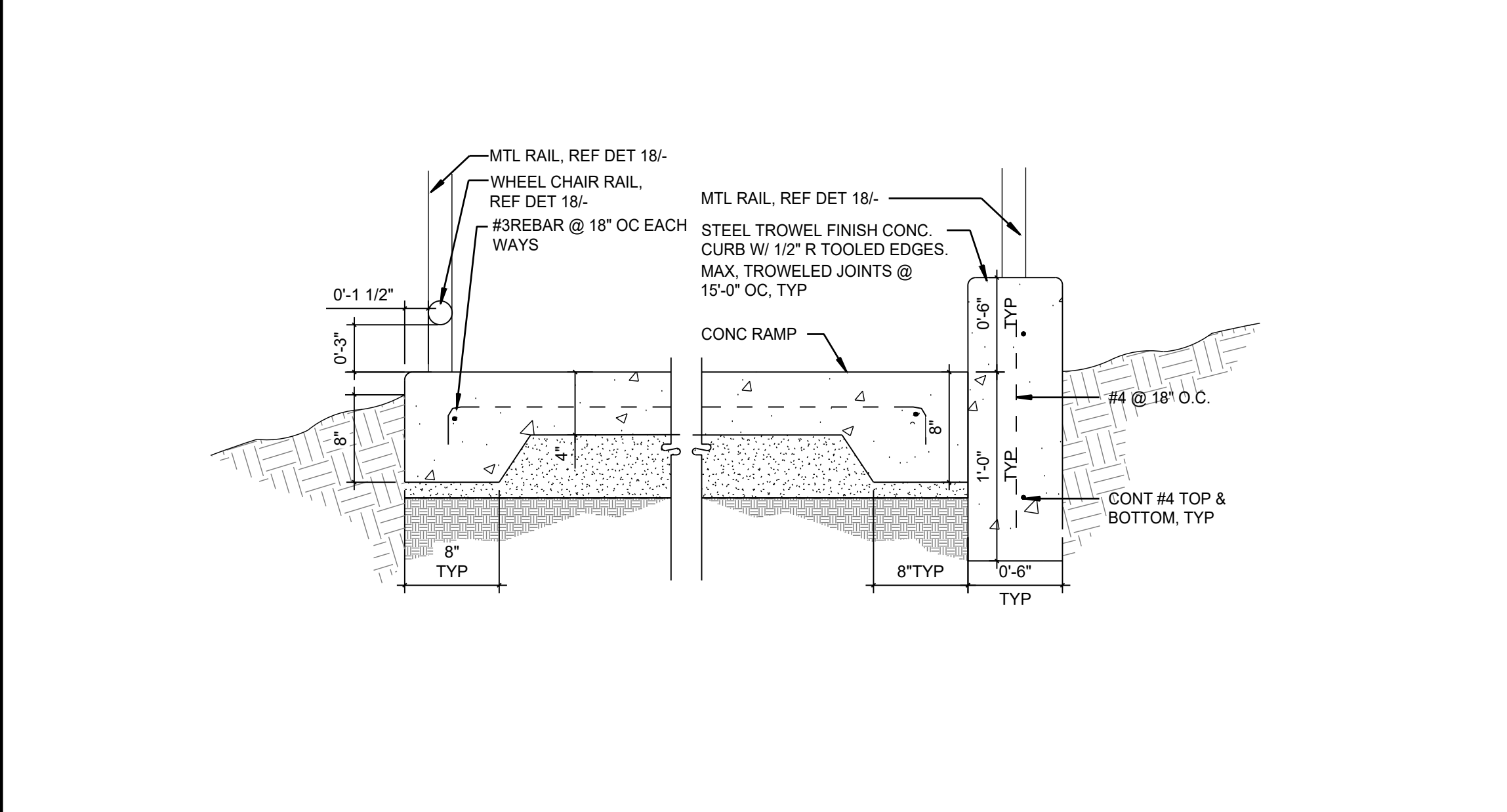
HANDRAILS @ RAMP 1" = 1'-0" 18

BRAILLE DETAIL 14

ROOM I.D. SIGN 3" = 1'-0" 10

SLAB EDGE

FILLER PANELS 1" = 1'-0" 2



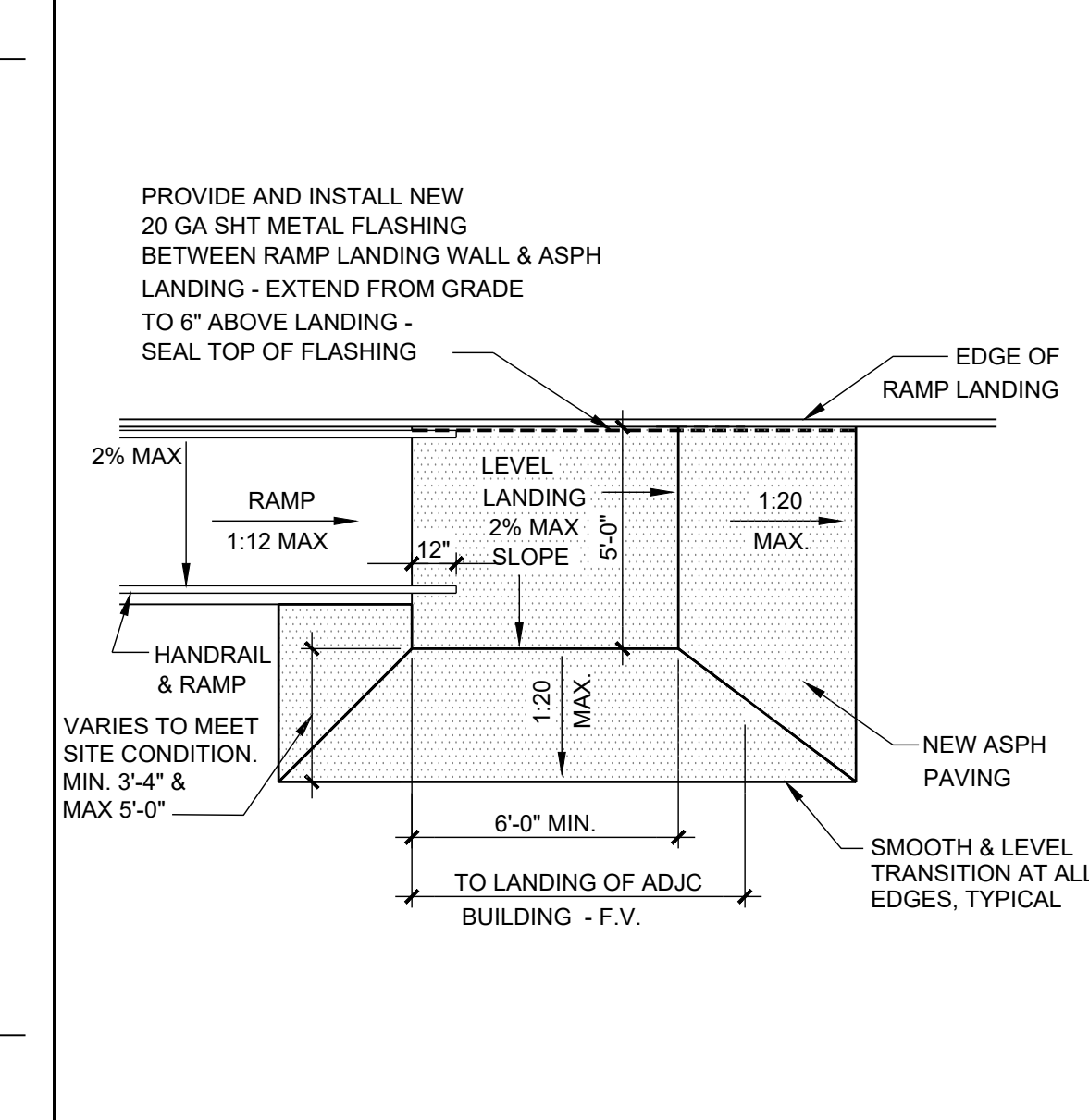
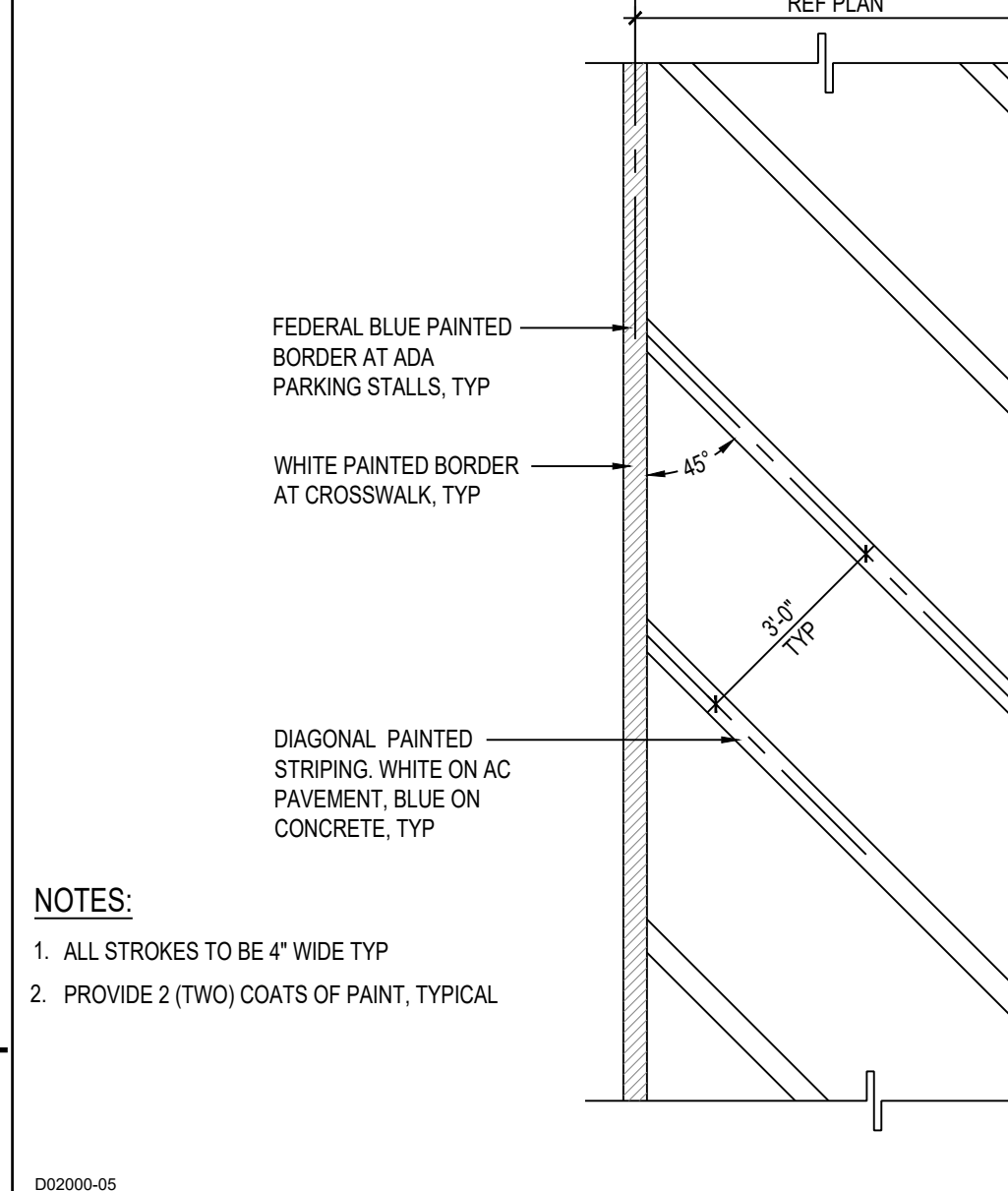
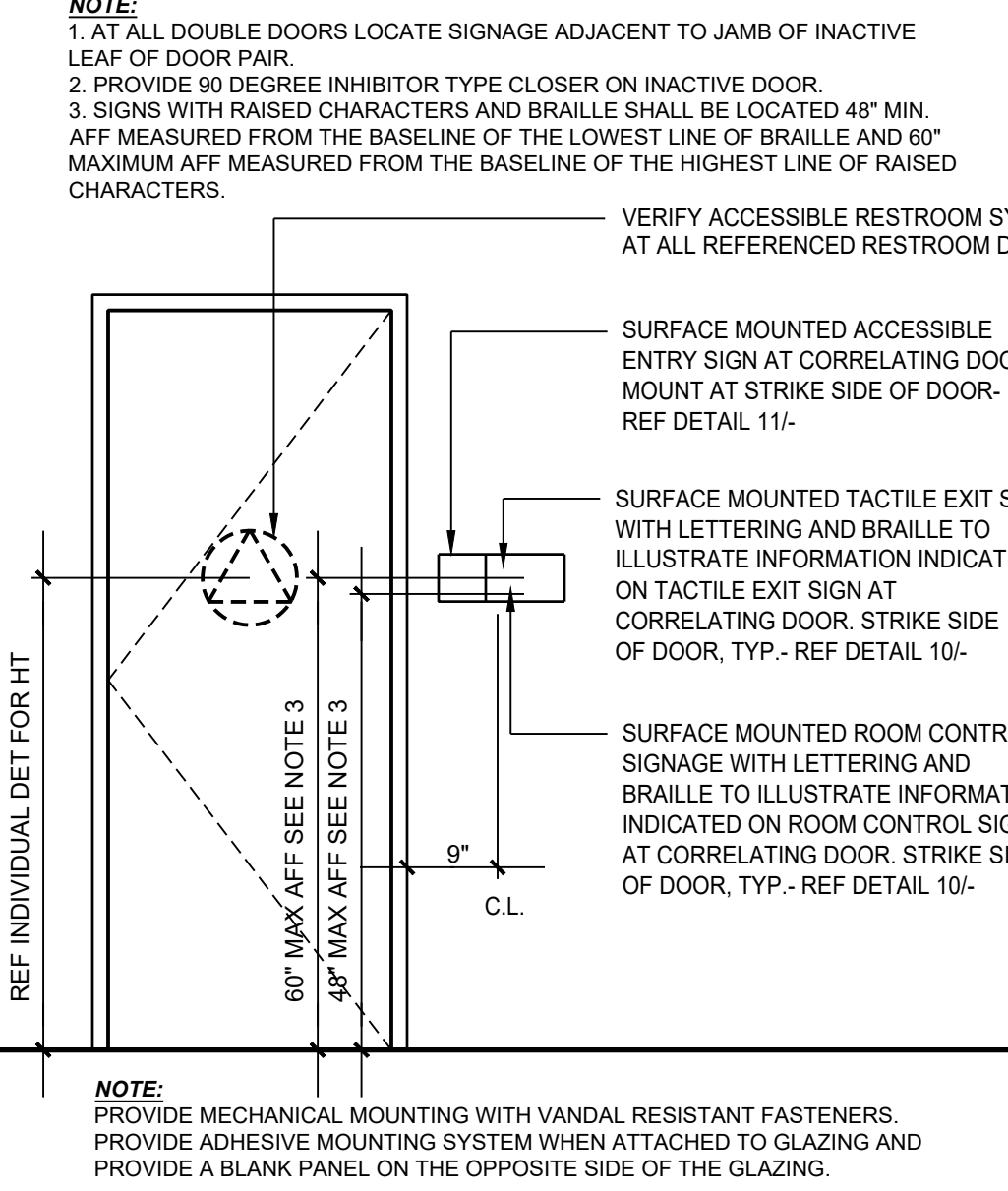
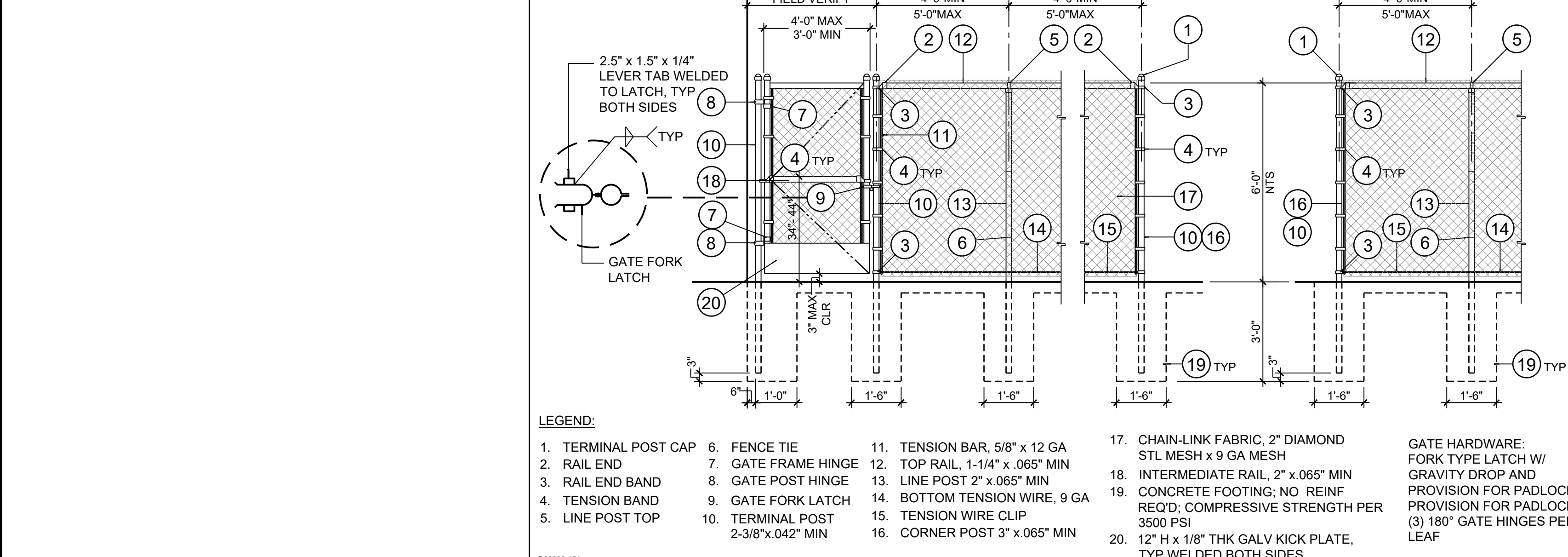
CONC CURB @ RAMP 1 1/2" = 1'-0" 19

TRUNCATED DOME 1" = 1'-0" 15

ACCESSIBLE ENTRY 3" = 1'-0" 11

EXPANSION JOINT

CONDENSATE LINE DRYWELL 1/2" = 1'-0" 3



24 CHAINLINK FENCING 3/8" = 1'-0" 16

SIGN MOUNTING NOT TO SCALE 12

PAINTED STRIPING 3/8" = 1'-0" 8

RAMP TRANSITION 1/4" = 1'-0" 4





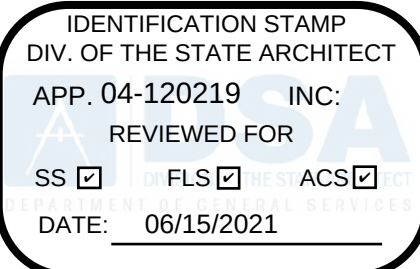


| SITE LIGHTING PHOTOMETRIC STATISTICS |        |        |        |        |         |         |
|--------------------------------------|--------|--------|--------|--------|---------|---------|
| STATISTICS                           |        |        |        |        |         |         |
| Description                          | Symbol | Avg    | Max    | Mins   | Max/Min | Avg/Min |
| Refuge Area                          | +      | 2.1 fc | 9.0 fc | 0.1 fc | 90.0:1  | 12.0:1  |

- REFER TO DRAWING E0.1 FOR GENERAL NOTES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND VERIFYING, THE EXACT LOCATION OF THE "COMMUNICATIONS" PULLBOX FOR THE PROPER INTERFACE WITH THE UNDERGROUND CONDUIT SUB-UPS.
- WHERE NEW AND EXISTING CONDUIT SUB-OUTS ARE TO BE INTERCEPTED, THE CONTRACTOR SHALL VERIFY THE ACTUAL ROUTING OF THE NEW AND EXISTING CONDUITS AND DETERMINE THE ACTUAL POINT OF INTERCEPTION THE FIELD.
- LOCATION OF UNDERGROUND PULLBOXES AND CONDUIT ROUTING INDICATED ON THESE PLANS IS NOT INSTALLED IN FOOTINGS. EACH METHOD FOR SUBING-UP CONDUITS AT FOOTINGS LOCATIONS SHALL COORDINATED IN THE FIELD WITH THE ARCHITECT.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN REQUIRED CLEARANCES BETWEEN UNDERGROUND ELECTRICAL CONDUITS AND FOOTINGS. CONDUIT SUB-UPS SHALL NOT BE INSTALLED IN FOOTINGS. EACH METHOD FOR SUBING-UP CONDUITS AT FOOTINGS LOCATIONS SHALL COORDINATED IN THE FIELD WITH THE ARCHITECT.
- PROTECT EXISTING CONCRETE, WALKWAY, ELECTRICAL FOR TRENCHING TO BE WITHIN ASPHALT AREA UNLESS WHERE NECESSARY. PATCH CONCRETE TO MATCH SURROUNDING WHERE NECESSARY.
- ALL UNDERGROUND CABLES (POWER AND SIGNAL) SHALL BE RATED FOR UNDERGROUND USE.
- ALL OVERHEAD CABLES (POWER AND SIGNAL) SHALL BE RATED FOR SUN RESISTANT WITH XLPE INSULATION (POWER).

- 1 (N) 1/2"x12"x36" DEEP (NEMA 3R) WALL MOUNTED "POWER" PULLBOX. REFER TO MANUFACTURER DRAWINGS FOR EXACT MOUNTING HEIGHT.
- 2 CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO MODULAR PANEL FOR A COMPLETE AND OPERABLE SYSTEM.
- 3 INSTALL NEW UNDERGROUND CONDUIT AND CONDUCTORS. REFER TO SINGLE LINE DIAGRAM AND VERIFY IN FIELD FOR EXACT ROUTING.
- 4 INSTALL EXTERIOR LED FLOOD LIGHT ON THE ROOF OR SIDE WALL BY LITHONIA #TFX1-LED-40K-MVOLT-THK-DDBXD OR APPROVED EQUAL. INSTALL TIME CLOCK BY TORK #WZ120 OR APPROVED EQUAL AND CONNECT TO LIGHTING CIRCUIT IN POWER PANEL INSIDE PORTABLE CLASSROOM. VERIFY EXACT LOCATION AND MOUNTING IN FIELD.
- 5 REMOVE EXISTING PANEL AND REPLACE WITH NEW 125A, 120/208V, 1-PH, 3W (20-SPACE) PANEL. PROVIDE CIRCUIT BREAKERS TO MATCH EXISTING SIZE AND QUANTITY, AND RE-CONNECT EXISTING CIRCUIT FOR COMPLETE AND OPERABLE SYSTEM.
- 6 INSTALL WEATHER-PROOF JUNCTION BOX FOR DRINKING WATER FOUNTAIN AND 3/4"x3-2#12 & #12 GND TO CLOSEST EXISTING ELECTRICAL PANEL. INSTALL NEW 204/P1P IN EXISTING PANEL TO MATCH EXISTING AIR RATING AND MOUNTING FRAME. VERIFY EXACT LOCATION IN FIELD.

THE EXTERIOR (N) PATH OF TRAVEL WILL BE ILLUMINATED TO A MINIMUM OF 1-FC AS REQUIRED BY CBC 1008.2.3 BY THIS (N) EXTERIOR FLOOD LIGHT.



**PBK WLC**  
**RANCHO CUCAMONGA**  
 8163 ROCHESTER AVENUE, SUITE 100  
 RANCHO CUCAMONGA, CA 91730  
 909-987-0909 P

**BUENA VISTA CONTINUATION HIGH SCHOOL  
PORTABLE CLASSROOM**

13509 RAMONA AVENUE, CHINO, CA 91709

**CHINO VALLEY UNIFIED SCHOOL DISTRICT**



**CONSULTANT**

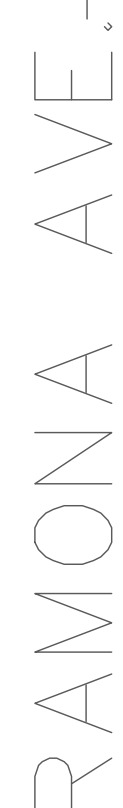
**Y E** YOWANTO ENGINEERING, INC.  
2705 TOWNE AVE., #C  
POMONA, CA 91767  
(909) 626-6291

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| <b>NO</b>                                                                             | <b>DATE</b>      | <b>BY</b> | <b>DESCRIPTION</b> |
|  | <b>REVISIONS</b> |           |                    |

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| <b>DRAWN:</b> SC                 | <b>CHECKED:</b> IY     |
| <b>DATE:</b> 06/14/21            | <b>SCALE:</b> AS NOTED |
| <b>PROJECT NUMBER:</b> 04-120219 |                        |

POWER SITE PLAN

**DRAWING  
NUMBER: E1.1**



## REFERENCE NOTES

- 1 (N) 24"x24"x12" DEEP (NEMA 3R) WALL MOUNTED "COMMUNICATIONS" PULLBOX. REFER TO MODULAR DRAWINGS FOR MOUNTING HEIGHT
- 2 (N) 24"x24"x12" DEEP (NEMA 3R) WALL MOUNTED "DATA" PULLBOX. REFER TO MODULAR DRAWINGS FOR MOUNTING HEIGHT
- 3 (N)(1) 2"C. (DATA)  
(N)(1) 2"C. (IC)  
(N)(1) 1"C. (SEC)  
(N)(1) 1"C. (FIRE)  
(N)(1) 1"C.O. (EMS BY OTHER)  
(N)(1) 2"C.O. (SPARE)

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 04-120219 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 06/15/2021

**PRKWLC**  
**RANCHO CUCAMONGA**  
8163 ROCHESTER AVENUE, SUITE 100  
RANCHO CUCAMONGA, CA 91730  
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**CONSULTANT**

**YE** YOWANTO ENGINEERING, INC.  
2705 TOWNE AVE., #C  
POMONA, CA 91767  
(909) 626-6291

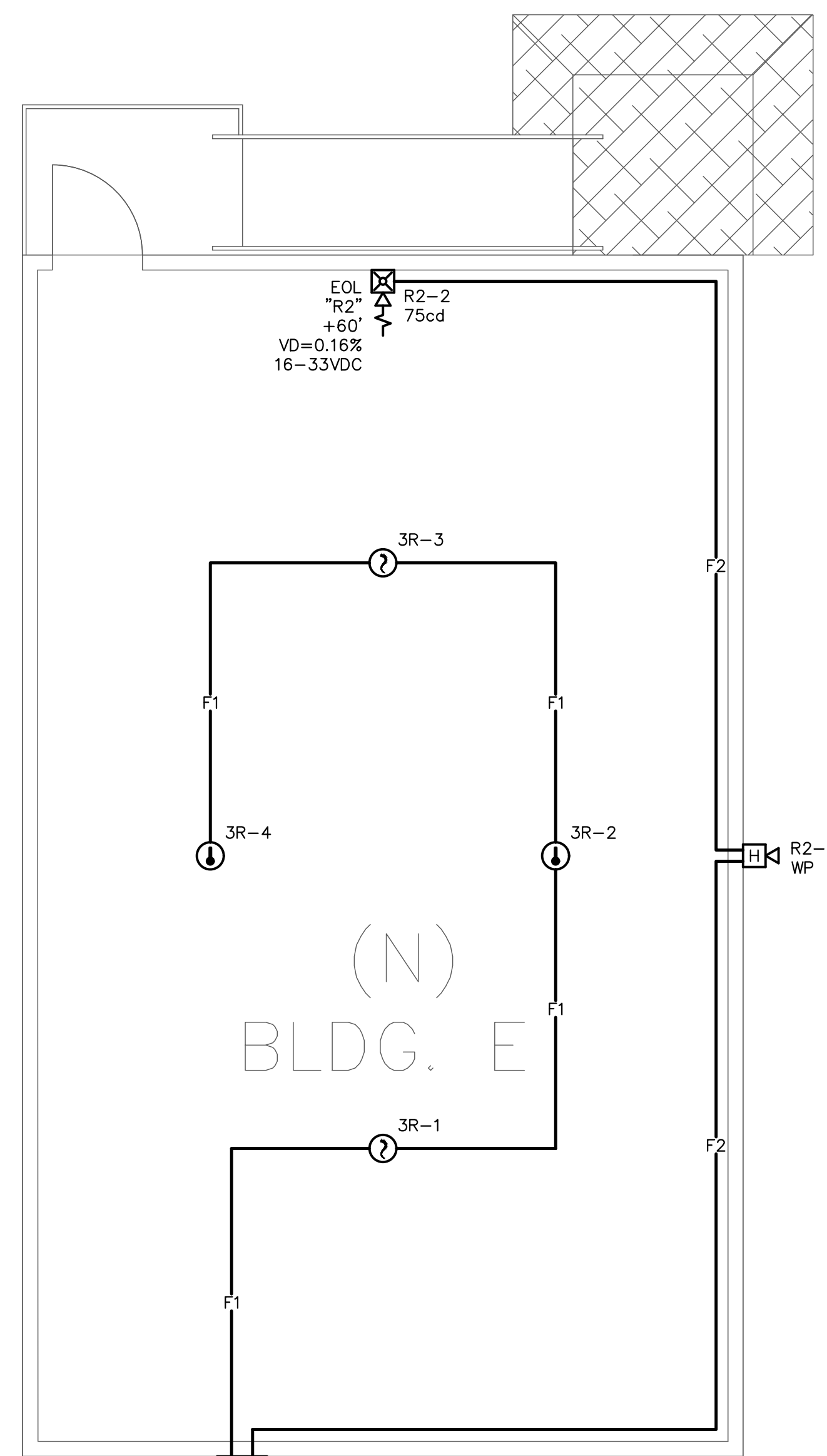
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| <b>DRAWN:</b> SC                 | <b>CHECKED:</b> IY     |
| <b>DATE:</b> 06/03/21            | <b>SCALE:</b> AS NOTED |
| <b>PROJECT NUMBER:</b> 04-120219 |                        |

**SIGNAL SITE PLAN**

DRAWING NUMBER: **E1.2**

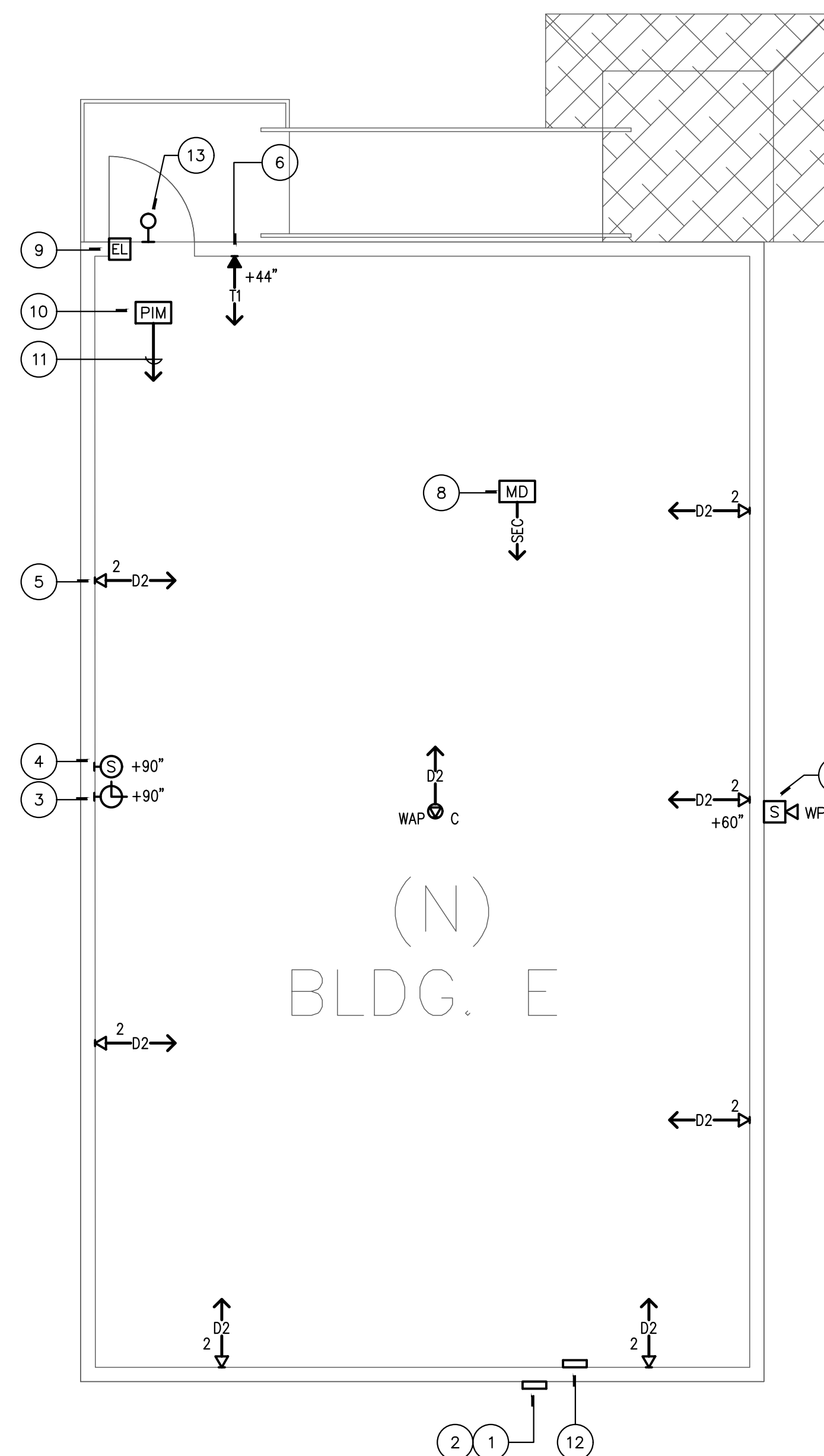
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| <b>SIGNAL SITE PLAN</b> | <b>SCALE:</b><br>1"=20'-0" | <b>1</b> |
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## FIRE ALARM PLAN

SCALE:  
1/4"=1'-0"

1



## SIGNAL PLAN

SCALE:  
1/4"=1'-0"

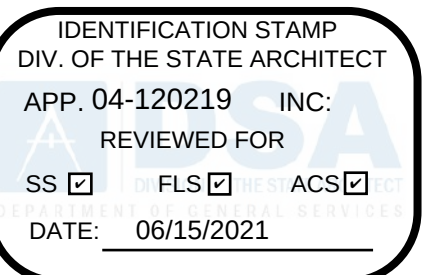
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## NOTES

1. THE ELECTRICAL CONTRACTOR TO PROVIDE AND ROUGH-IN ALL NECESSARY LOW VOLTAGE AND FIRE ALARM SYSTEMS BACK BOXES, BUILDING MOUNTED TERMINAL BOXES AND ASSOCIATED CONDUITS (INCLUDING PULL-ROPE), BETWEEN BACK BOX AND TERMINAL BOX.
2. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL NEW LOW VOLTAGE COMMUNICATION/SIGNAL AND FIRE ALARM DEVICES TO MATCH EXISTING SITE SYSTEMS. HE SHALL ALSO FURNISH AND INSTALL ALL ASSOCIATED CABLING REQUIRED AND MAKE ALL FINAL CONNECTIONS TO PROVIDE A FULLY FUNCTIONAL SYSTEM EXPANSION. COORDINATE ALL SPECIFIC REQUIREMENTS WITH THE LOCAL REPRESENTATIVE FOR "FO/GAMEWELL" (FIRE ALARM) AND "BOGEN" (COMMUNICATIONS).
3. COORDINATE AND VERIFY WITH DEVICES MANUFACTURER FOR JUNCTION BOX SIZE REQUIRED FOR FUTURE INSTALLATION.
4. MOUNTING HEIGHT SHALL COMPLY WITH ADA REQUIREMENTS AND AS NOTED ON PLAN.
5. WHERE EXISTING CONDUIT STUB-OUTS ARE TO BE INTERCEPTED, THE CONTRACTOR SHALL VERIFY THE ACTUAL ROUTING OF THE EXISTING CONDUITS AND DETERMINE THE ACTUAL POINT OF INTERCEPTION THE FIELD.
6. COORDINATE AND VERIFY EXACT LOCATION AND MOUNTING HEIGHT OF JUNCTION BOXES.
7. COORDINATE AND VERIFY WITH DEVICES MANUFACTURER FOR JUNCTION BOX SIZE REQUIRED FOR FUTURE INSTALLATION.
8. REFER TO NFPA 72 FOR MOUNTING HEIGHT, LOCATION AND SPACING OF FIRE ALARM DEVICES. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE SMOKE DETECTORS, ATTIC HEAT DETECTOR, FIRE ALARM HORN/STROBE AND FIRE ALARM EXTERIOR HORN TO COMPLY WITH NFPA 72 FOR COVERAGE.
9. REFER TO DRAWING E01 FOR GENERAL NOTES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND VERIFYING, THE EXACT LOCATION OF THE "COMMUNICATIONS" PULLBOX FOR THE PROPER INTERFACE WITH THE UNDERGROUND CONDUIT STUB-UPS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK ASSOCIATED WITH THE EXPANSION OF THE FIRE ALARM SYSTEM AND THE INTERCOM SYSTEM WITH THE VERTICALLY INTEGRATED SYSTEMS MANUFACTURER REPRESENTATIVE AND PROVIDED REQUIRED SYSTEM HARDWARE AND SOFTWARE FOR A FULLY OPERABLE SYSTEM EXPANSION.
12. WHERE EXISTING CONDUIT STUB-OUTS ARE TO BE INTERCEPTED, THE CONTRACTOR SHALL VERIFY THE ACTUAL ROUTING OF THE EXISTING CONDUITS AND DETERMINE THE ACTUAL POINT OF INTERCEPTION THE FIELD.

## REFERENCE NOTES

- 1 (N) 24"x24"x12" DEEP OR SIZE AS REQUIRED (NEMA-3R) WALL MOUNTED "DATA/TEL/C" PULLBOX. VERIFY EXACT LOCATION IN FIELD. TYPICAL.
- 2 (N) 24"x24"x12" DEEP OR SIZE AS REQUIRED (NEMA-3R) WALL MOUNTED "SEC/FX/CLOCK/RMS" PULLBOX WITH DIVIDER FOR FIRE ALARM SYSTEM. VERIFY EXACT LOCATION IN FIELD. TYPICAL.
- 3 INSTALL 12" ROUND POE CLOCK BY PRIMEX. VERIFY EXACT LOCATION IN FIELD. INSTALL (1) CAT 6A DATA OUTLET AND (1) CAT 6A CABLE TO "IDF".
- 4 INSTALL CEILING/WALL MOUNTED SPEAKER (25W RMS) AT +90° A.F.F. AND 1" CONDUIT TO ATTIC SPACE WITH INTERCOM CABLE.
- 5 INSTALL (2) CAT 6 DATA OUTLETS AT +18" A.F.F. AND (2) CAT 6 CABLES TO "IDF". TYPICAL.
- 6 INSTALL (1) TELEPHONE OUTLET AND (1) CAT 6 CABLE TO "IDF".
- 7 INSTALL WALL MOUNTED WEATHERPROOF SPEAKER AND INTERCOM CABLE TO (E) "CTB". TYPICAL.
- 8 INSTALL INTRUSION MOTION DETECTOR AND CABLE TO SECURITY PANEL. VERIFY EXACT LOCATION IN FIELD. TYPICAL.
- 9 ELECTRONIC LOCK BY SCHLAGE #AD-400MT. REFER TO WIRING DIAGRAM IN E01.
- 10 PANEL INTERFACE MODULE BY SCHLAGE #PIM#400-485. REFER TO WIRING DIAGRAM IN E01.
- 11 CONNECT TO ACCESS CONTROL PANEL IN THE SECURITY CABINET. REFER TO WIRING DIAGRAM IN E01.
- 12 SECURITY CABINET WITH VULNERBILT #VRONX-R PANEL. PROVIDE DEDICATED 120V POWER AND VULNERBILT #SMS-GALS POWER SUPPLY WITH BATTERY BACK-UP. VERIFY EXACT LOCATION IN FIELD.
- 13 EXTERIOR LED LIGHTING FIXTURE BY KENALL #W01SD-PP-MB-16L40K-DV-LEL-BPC COMPLETE WITH 90-MINUTE EMERGENCY BATTERY PACK AND PHOTO CELL PROVIDED AND INSTALLED BY MODULAR BUILDING MANUFACTURER. TYPICAL.



**RANCHO CUCAMONGA**  
8163 ROCHESTER AVENUE, SUITE 100  
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909-987-0909 P

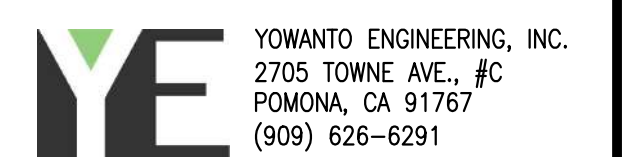
**BUENA VISTA CONTINUATION HIGH SCHOOL  
PORTABLE CLASSROOM**

13509 RAMONA AVENUE, CHINO, CA 91709

**CHINO VALLEY UNIFIED SCHOOL DISTRICT**



CONSULTANT



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| DATE: 06/03/21            | SCALE: AS NOTED |
| PROJECT NUMBER: 04-120219 |                 |

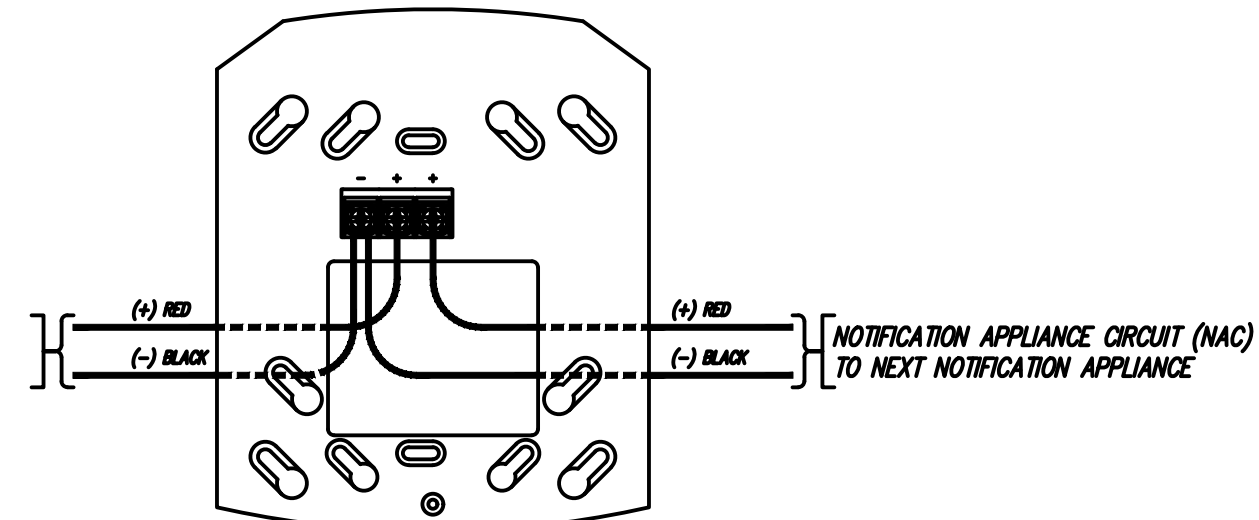
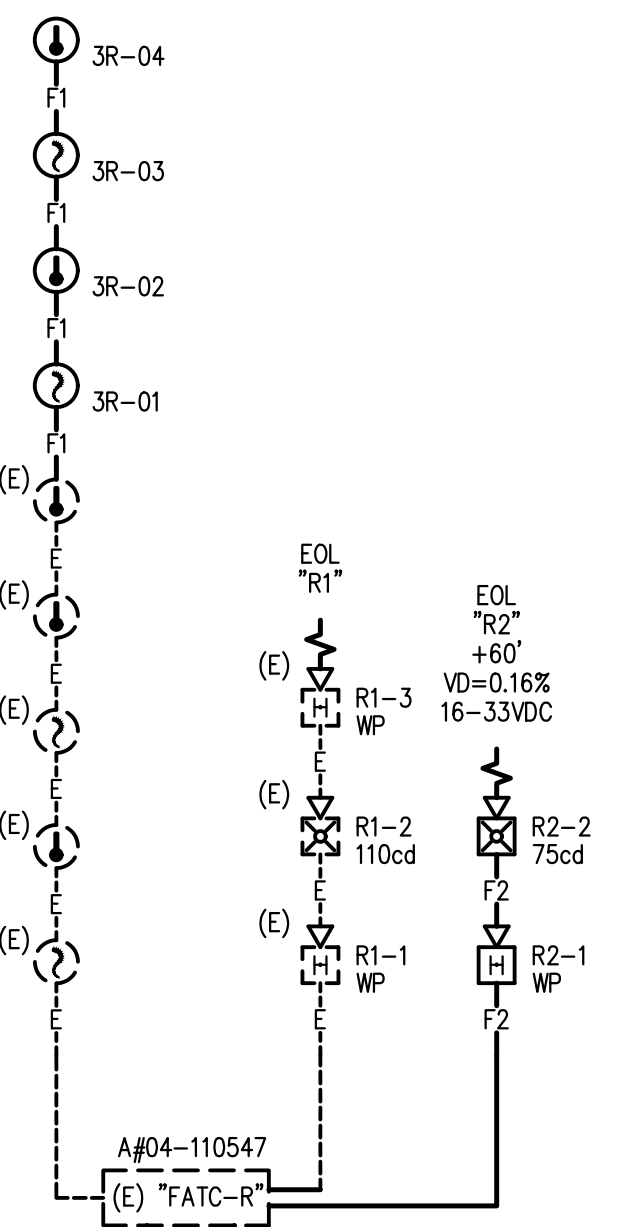
## FIRE ALARM & SIGNAL PLAN

DRAWING  
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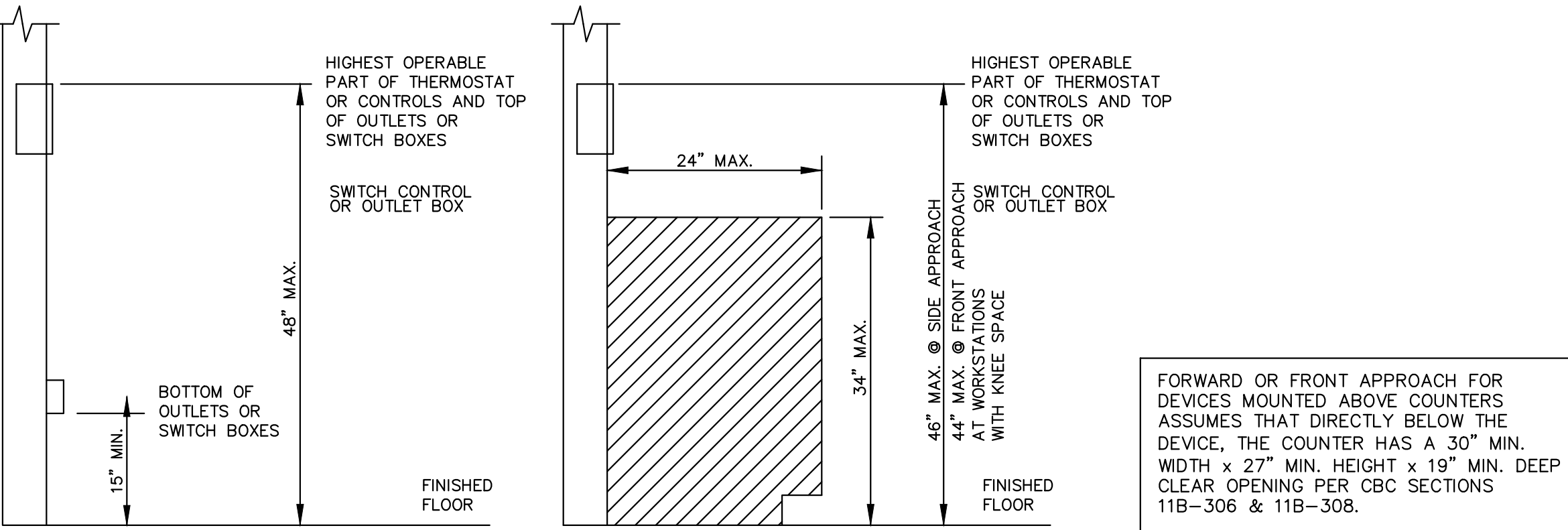
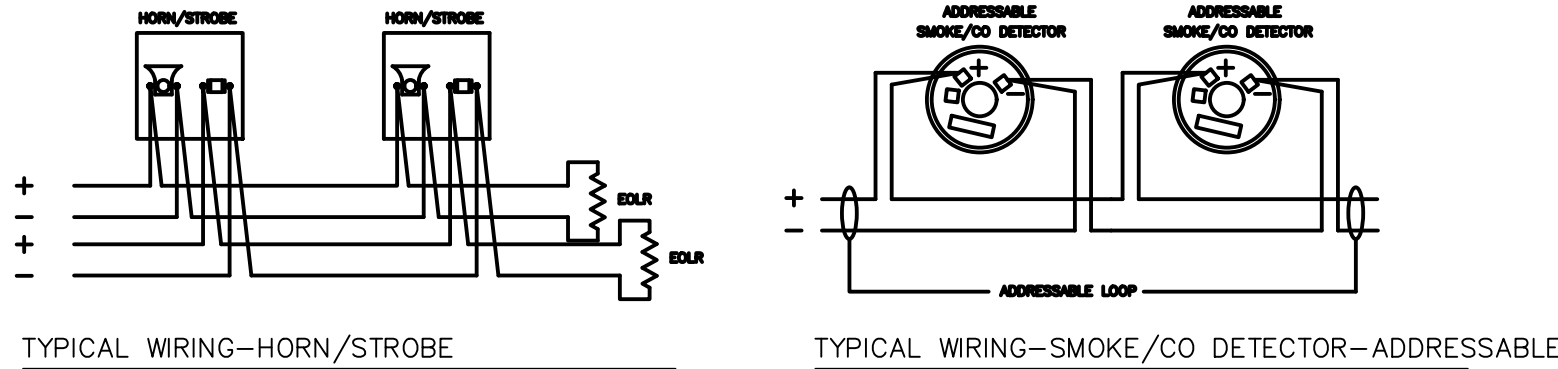
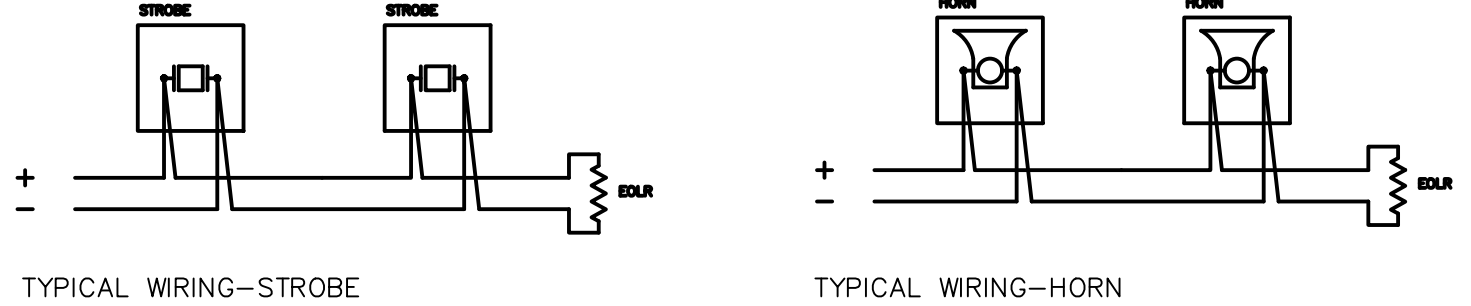
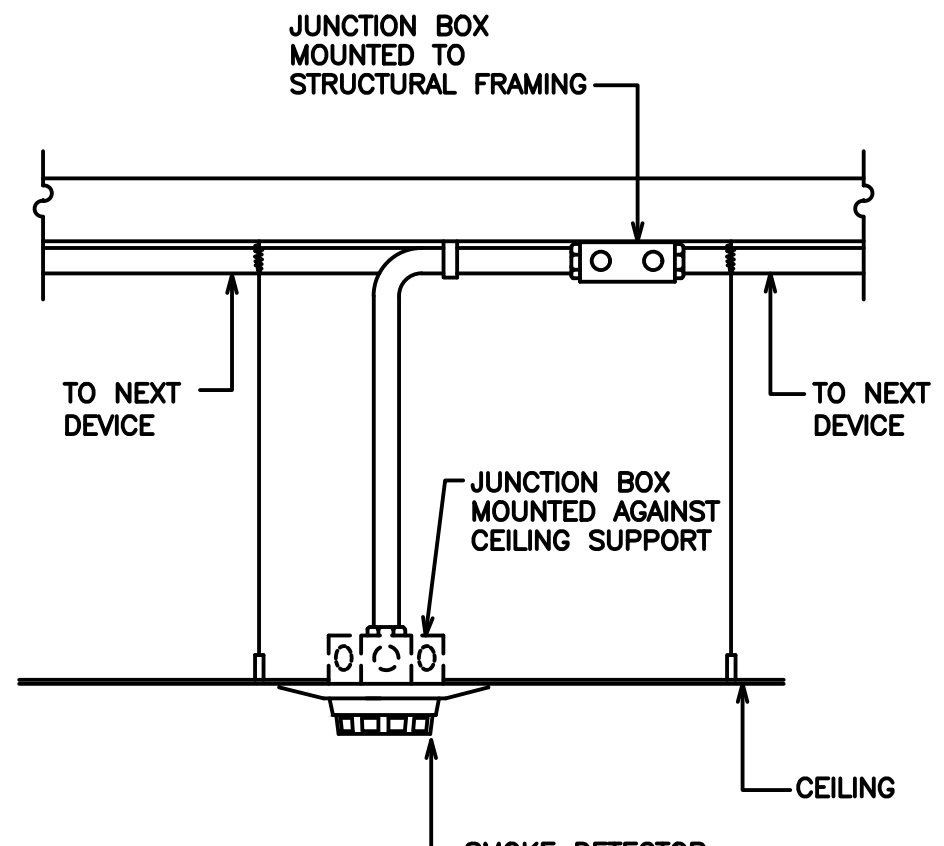
## E2.1

| VOLTAGE DROP - FIRE ALARM TERMINAL CABINET (E) "FATC-R"        |                         |              |              |                      |            |       |       |
|----------------------------------------------------------------|-------------------------|--------------|--------------|----------------------|------------|-------|-------|
| DEVICE DESCRIPTION                                             | DRAW                    | (E) CKT "R1" | (N) CKT "R2" | QTY                  | TOTAL      | QTY   | TOTAL |
| 75cd HORN/STROBE                                               | 0.121                   | 0            | 0            | 1                    | 0.121      | 0     | 0     |
| 110cd HORN/STROBE                                              | 0.162                   | 1            | 0.162        | 0                    | 0          | 0     | 0     |
| WEATHERPROOF HORN                                              | 0.069                   | 2            | 0.138        | 1                    | 0.069      | 0.000 | 0.000 |
| TOTAL CURRENT DRAW CM (#12 WIRE USED)                          |                         | 0.3          | 0.19         |                      | 0          |       |       |
| TOTAL DISTANCE                                                 |                         | 6530         | 6530         |                      | 0          |       |       |
| MULTIPLIER                                                     |                         | 200          | 60           |                      | 0          |       |       |
| VOLTAGE                                                        |                         | 21.6         | 21.6         |                      | 21.6       |       |       |
| PERCENTAGE DROP                                                |                         | 24           | 24           |                      | 24         |       |       |
|                                                                |                         | 0.83%        | 0.16%        |                      | 0.00%      |       |       |
| BATTERY CALCULATION - FIRE ALARM TERMINAL CABINET (E) "FATC-R" |                         |              |              |                      |            |       |       |
|                                                                | CURRENT PER UNIT (AMPS) |              |              | TOTAL CURRENT (AMPS) |            |       |       |
|                                                                | STAND BY                | ALARM        | QTY          | STAND BY             | ALARM      |       |       |
| REMOTE POWER SUPPLY                                            | 0.166                   | 0.166        | 1            | 0.166                |            |       |       |
| SYNC MODULE                                                    | 0                       | 0.037        | 4            | 0                    | 0.148      |       |       |
| DEVICE TOTAL FROM ABOVE                                        |                         |              | 5            |                      | 0.49       |       |       |
|                                                                |                         |              |              |                      | 0.804      |       |       |
| SUB-TOTAL                                                      |                         |              |              |                      | 0.166      |       |       |
| TOTALS                                                         |                         |              |              |                      | x 24 HOURS |       |       |
| MINIMUM BATTERY (x1.2)                                         |                         |              |              |                      | 3.984      |       |       |
| BATTERY TO PROVIDE                                             |                         |              |              |                      | 8.00 AH    |       |       |

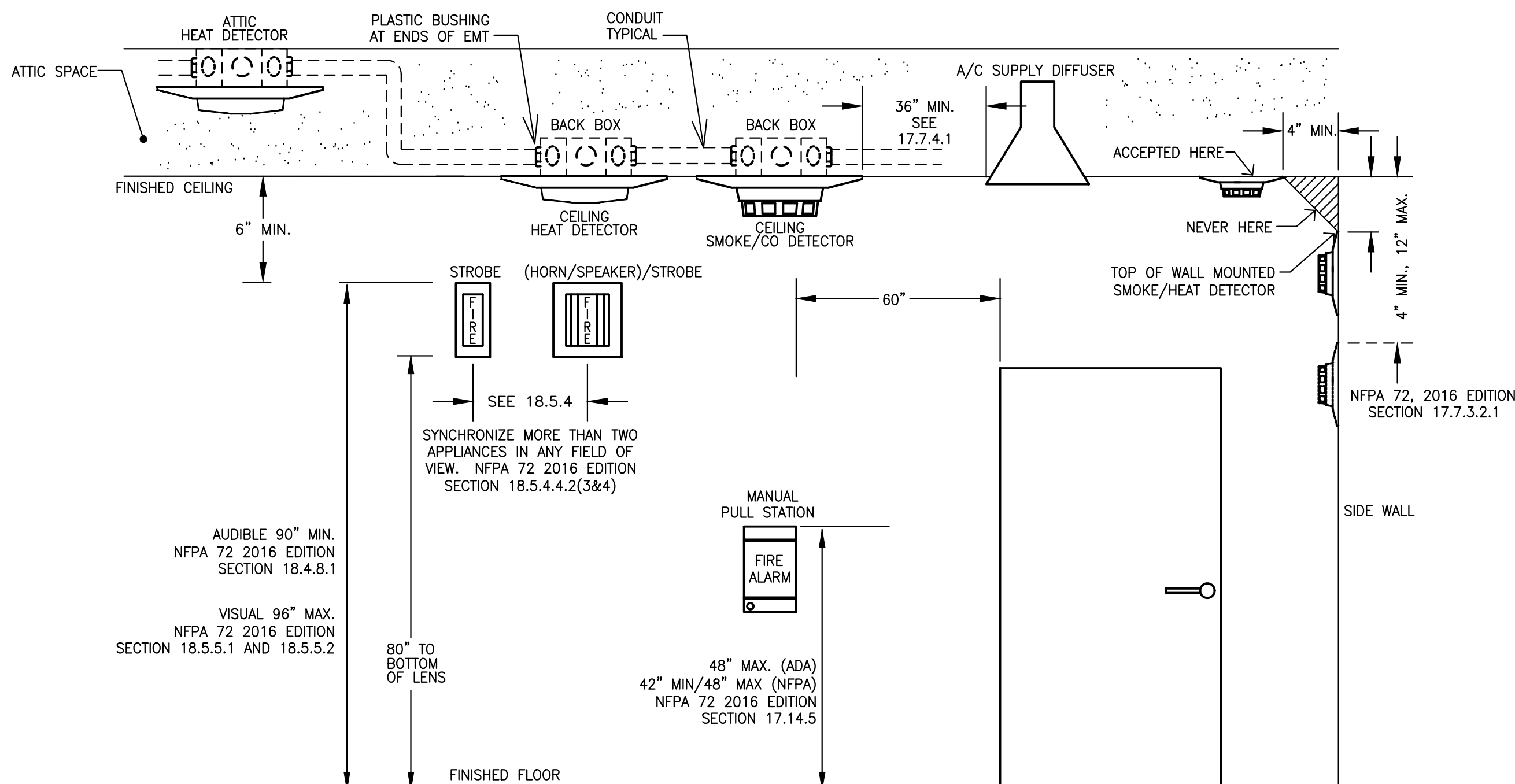
(E) DEDICATED PHONE LINES FOR MONITORING  
A#04-105554



NOTIFICATION APPLIANCE MOUNTING PLATE  
FOR 2-WIRE HORN/STROBE APPLIANCE  
SYSTEM SENSOR SPECTRALERT SERIES



MOUNTING HEIGHT OVER OBSTRUCTION



FIRE ALARM ELEVATION DETAIL (NTS)

## FIRE ALARM NOTES

- APPLICABLE STANDARD 2016 NFPA 72
- INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS AND SPECIFICATION, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY DSA.
- UPON COMPLETION OF THE INSTALLATION OF THE SYSTEMS, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR.
- A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
- ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF THE PROJECT.
- DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND/OR TESTING.
- ALL PENETRATIONS THROUGH RATED ASSEMBLIES, REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH A PENETRATION FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7, UL OR OTHER LAB TESTING CRITERIA. APPROVED TYPE OF MATERIALS SHALL BE IDENTIFIED WITHIN THE SPECIFICATION WITHIN THE FIRE ALARM SECTION.
- WALL MOUNTED VISUAL NOTIFICATION DEVICES SHALL HAVE THEIR BOTTOMS MOUNTED AT 80" MINIMUM AND 96" MAXIMUM FROM FINISHED FLOOR.
- WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90" MINIMUM AND 100" MAXIMUM FROM FINISHED FLOOR AND NO CLOSER THAN 6" TO A HORIZONTAL STRUCTURE.
- AUDIBLE DEVICES TO BE AT LEAST 15 DBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL, BUT NOT LESS THAN 75 DBA AT 10 FEET OR MORE THAN 110 DBA AT THE MINIMUM HEARING DISTANCE. SOUND LEVEL SHALL BE MAINTAINED FOR DURATION OF AT LEAST 60 SECONDS 5 DBA MUST BE MAINTAINED.
- AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN.
- THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
- VISUAL DEVICES SHOULD NOT EXCEED 2 FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELA. VISUAL DEVICES WITHIN 55 FEET FROM EACH OTHER SHALL BE SYNCHRONIZED.
- UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATERTIGHT FITTINGS AND WIRE TO BE APPROVED FOR WET LOCATION.
- ALL FIRE ALARM WIRING SHALL BE FLP OR FPLP (FIRE POWER LIMITED OR FIRE POWER LIMITED PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE THIN OR THWN.
- PER CEC STANDARDS, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE.

- THERE MUST BE AT LEAST 6 FEET OF LEAD WIRE FROM THE BOX TO THE DEVICE. ALL BOXES TO BE SIZED PER CEC.
- SMOKE DETECTORS SHALL NOT BE ANY CLOSER THAN 1 FEET FROM FIRE SPRINKLERS OR 3 FEET FROM ANY SUPPLY DIFFUSER. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/CONTAMINATION ON NEWLY INSTALLED FIRE ALARM DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED OVER TO THE OWNER.
- ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE CEILING, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANNER AS INDICATED ON DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
- FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURER'S SPECIFICATION. NO SINGLE DEVICE SHALL EXCEED THE WEIGHT OF 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.
- A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM THE COMMON USE AREA PANEL AND SHALL HAVE NO OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE "ON" POSITION. THE CIRCUIT BREAKER SHALL BE LABELED "FIRE ALARM CIRCUIT CONTROL". CIRCUIT ID TO BE LABELED AT FIRE PANEL/EXTENDERS.
- THE INSTALLING CONTRACTOR SHALL PROVIDE A RECORD OF COMPLETION PER NFPA 72, SECTION 7.5.6.
- CONTROL PANELS, REMOTE ANNUNCIATOR SHALL BE INSTALLED WITH THEIR BOTTOMS MOUNTED AT 48".
- THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 901.6.2.
- SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.
- OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.
- THE PERSON RESPONSIBLE FOR THE FIRE ALARM SYSTEM DESIGN LAYOUT ARE AS FOLLOWS:  
NAME: IRWAN YOWANTO  
COMPANY: YOWANTO ENGINEERING, INC.  
ADDRESS: 2705 TOWNE AVE., #C  
POMONA, CA 91767  
FIRE ALARM PATHWAY: CLASS B  
SURVIVABILITY: LEVEL 1
- MINIMUM NOTIFICATION APPLIANCE AUDIBILITY REQUIRED: EDUCATIONAL = 60DBA MINIMUM. (CBC 907.5.2.1.1, NFPA 72, 18.4.3.1).
- THIS IS A STAND ALONE SYSTEM WITH TWO WAY TELEPHONE COMMUNICATION WITH THE THE ARCHITECT.

## NOTES

- REFER TO THE FIRE ALARM SYSTEM SPECIFICATION, FOR ADDITIONAL REQUIREMENTS.
- REFER TO GENERAL NOTES E01 FOR ANY ADDITIONAL REQUIREMENTS.
- REFERENCE FIRE ALARM RISER DIAGRAM, THIS SHEET, FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- FIRE ALARM CONDUIT SHALL BE 3/4", UNLESS OTHERWISE NOTED.
- FIRE ALARM CONDUCTORS SHALL BE KEPT SEPARATE FROM ALL OTHER SYSTEMS. CONTRACTOR SHALL PROVIDE PERMANENT STEEL BARRIERS IN ALL JUNCTION BOXES, PULL BOXES, TERMINAL CABINETS, ETC. TO MAINTAIN SEPARATION.
- THE FIRE ALARM SYSTEM SHALL CONFORM TO CFC 907.2.3 AND ARTICLE 760 OF CALIFORNIA ELECTRICAL CODE. INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING CALIFORNIA STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAVE BEEN APPROVED BY DSA. CFC 901, UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE FIRE AUTHORITY HAVING JURISDICTION.
- THE ALARM SYSTEM SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNINGS SHALL HAVE A FREQUENCY OF NOT LESS THEN 2 FLASHES PER SECOND AND SHALL NOT BE SLOWER THAN 1 FLASH EVERY SECOND. (NFPA 72 SECTION 18.5.2.1) SIGNALING DEVICES FOR THE HEARING IMPAIRED SHALL BE STATE FIRE MARSHAL APPROVED AND LISTED.
- INSULATED CONDUCTORS USED IN WET LOCATIONS SHALL BE (1) MOISTURE-IMPERVIOUS METAL SHEATHED (2) TYPES RHW, TW, THW, THHN, XHHW OR (3) OF A TYPE LISTED FOR USE IN WET LOCATIONS. CABLES OF ONE OR MORE CONDUCTORS USED IN WET LOCATIONS SHALL BE OF A TYPE LISTED FOR USE IN WET LOCATIONS. CONDUCTORS USED FOR DIRECT BURIAL APPLICATIONS SHALL BE OF A TYPE LISTED FOR SUCH USE (SEC. 310.7 AND 310.8 CEC).
- UNDERGROUND AND EXTERIOR CONDUITS WILL HAVE WATERTIGHT FITTINGS PER (CEC 110-11, 300-6 AND 346-5).
- PER CFC 901.2.1 STATEMENT OF COMPLIANCE SHALL BE COMPLETED BEFORE INSPECTION REQUEST. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM THE LOCAL AUTHORITY SHALL WITNESS FINAL FIRE ALARM TEST PER NFPA 72 PRIOR TO OCCUPANCY. A COMPLETED FIRE ALARM DESCRIPTION & CERTIFICATION REPORT SHALL BE PROVIDED AND INCLUDED WITH AS-BUILT DWGS PER CFC 907.18 THRU 907.20.5
- PENETRATIONS OF FIRE-RATED WALLS SHALL BE PROTECTED IN ACCORDANCE WITH 2019 CBC, PART 2, CHAPTER 7, TITLE 24.
- WIRING MUST BE LISTED FOR USE AS REQUIRED BY CFC 907.1.2/CEC, ARTICLE 760
- CONTRACTOR SHALL PROVIDE NO LESS THAN 8 HOURS OF IN-SERVICE TO OWNER.
- IT IS UP TO THE CONTRACTOR TO FULLY FAMILIARIZE THEMSELVES WITH THE SITE AND ITS CONDITIONS PRIOR TO BIDDING.
- EQUIPMENT AND DEVICE MODEL NUMBERS ARE A PART OF THE DSA APPROVAL. ALL SUBSTITUTIONS ARE SUBJECT TO PRIOR TO APPROVAL BY THE ARCHITECT. ADDITIONALLY THE CONTRACTOR IS RESPONSIBLE FOR SECURING DSA APPROVAL OF ALL CHANGES. NO ADDITIONAL COST OR TIME EXTENSIONS WILL BE GRANTED. DSA APPROVAL MUST BE SECURED PRIOR TO INSTALLING ANY WORK.
- ANY CHANGES IN THE FIRE ALARM SYSTEM INCLUDING ADDITIONS, DELETIONS, MODIFICATIONS, OR REPAIRS SHALL REQUIRED SYSTEM TESTING PER NFPA 72 10-2.2.
- CONTRACTOR SHALL PROVIDE FIRE ALARM SYSTEM TO MATCH AND COMPATIBLE WITH EXISTING SYSTEM. PROVIDE AS-BUILT DRAWING AT THE END OF THE PROJECT.
- UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBERS SHALL BE CUT, DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DISTRICT STRUCTURAL ENGINEER FROM THE DIVISION OF STATE ARCHITECTS.

## F.A. COMPONENT LISTING(S)

| SYMBOL      | DESCRIPTION                                                                                                                | C.S.F.M.                         |
|-------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| FACP        | FIRE ALARM CONTROL PANEL (EXISTING)                                                                                        | 6911-1703.0116                   |
| FATC        | FIRE ALARM REMOTE POWER SUPPLY (EXISTING)                                                                                  | 7300-1703.0167                   |
| Visual Horn | VISUAL HORN AND STROBE (SYSTEM SENSOR #RPL)                                                                                | 7125-1653.0188                   |
| WP          | FIRE ALARM EXTERIOR HORN (WEATHERPROOF) (SYSTEM SENSOR #RPL)                                                               | 7135-1653.0189                   |
| Q           | ADDRESSABLE SMOKE/CO DETECTOR, CEILING MOUNTED, (PHOTO-ELECTRIC) (GAMEWELL FCI #R205S-IV, WITH #R205S-IV SOUNDER BASE)     | 7272-1703.0508<br>7300-1653.0213 |
| Q           | ADDRESSABLE HEAT DETECTOR, ATTIC MOUNT (GAMEWELL FCI #ATD-LIR-IV, WITH #B300-6-IV BASE)                                    | 7270-1703.0502<br>7300-1653.0109 |
|             | 16/2 STRANDED BARE COPPER CONDUCTORS, OVERALL UNSHIELDED WITH AGUASEAL AND OVERALL JACKET (WEST PENN #B990/BELDEN #B220UL) | 7161-0859.0101                   |
|             | 16/2 SOLID BARE COPPER CONDUCTORS, UNSHIELDED AND OVERALL JACKET (WEST PENN #B990/BELDEN #B220UL)                          | 7161-0060.0103                   |
|             | 16/2 SOLID BARE COPPER CONDUCTORS, SHIELDED AND OVERALL JACKET (WEST PENN #B991/BELDEN #B220FL)                            | 7161-0060.0103                   |
|             | 12/2 COPPER FPLP (WINDY CITY WIRE #THHN-2)                                                                                 | 7161-1358-0100                   |

### PARTIAL LIST OF APPLICABLE CODES (AS OF JANUARY 1, 2017):

- 2019 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
- (2018 INTERNATIONAL BUILDING CODE WITH 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
- (2017 NATIONAL ELECTRICAL CODE WITH 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
- (2018 UNIFORM MECHANICAL CODE WITH 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5 TITLE 24 C.C.R.
- (2018 UNIFORM PLUMBING CODE WITH 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
- 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
- (2018 INTERNATIONAL FIRE CODE WITH 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
- 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.

### PARTIAL LIST OF APPLICABLE STANDARDS:

|             |                                                                                                                      |                 |
|-------------|----------------------------------------------------------------------------------------------------------------------|-----------------|
| NFPA 13     | AUTOMATIC FIRE SPRINKLER SYSTEMS (CA AMENDED)                                                                        | 2016 EDITION    |
| NFPA 14     | STANDPIPE AND HOSE SYSTEMS (CA AMENDED)                                                                              | 2016 EDITION    |
| NFPA 17     | DRY CHEMICAL EXTINGUISHING SYSTEMS                                                                                   | 2017 EDITION    |
| NFPA 17A    | WET CHEMICAL EXTINGUISHING SYSTEMS                                                                                   | 2017 EDITION    |
| NFPA 20     | STATIONARY FIRE PUMPS FOR FIRE PROTECTION                                                                            | 2016 EDITION    |
| NFPA 24     | PRIVATE FIRE SERVICE MAINS (CA AMENDED)                                                                              | 2016 EDITION    |
| NFPA 25     | INSPECTION, TESTING AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS                                           | 2013 CA EDITION |
| NFPA 37     | INSTALLATION AND USE OF STATIONARY COMBUSTION ENGINES AND GAS TURBINES                                               | 2015 EDITION    |
| NFPA 72     | NATIONAL FIRE ALARM & SIGNALING CODE (CA AMENDED)                                                                    | 2016 EDITION    |
| NFPA 80     | FIRE DOORS AND OTHER OPENING PROTECTIVES                                                                             | 2016 EDITION    |
| NFPA 101    | LIFE SAFETY CODE                                                                                                     | 2018 EDITION    |
| NFPA 110    | EMERGENCY AND STANDBY POWER SYSTEMS                                                                                  | 2016 EDITION    |
| NFPA 170    | STANDARD FOR FIRE SAFETY AND EMERGENCY SYMBOLS                                                                       | 2018 EDITION    |
| NFPA 221    | STANDARD FOR HIGH CHALLENGE FIRE WALLS, FIRE WALLS, AND FIRE BARRIER WALLS                                           | 2018 EDITION    |
| NFPA 2001   | CLEAN AGENT FIRE EXTINGUISHING SYSTEMS                                                                               | 2015 EDITION    |
| ICC 300     | STANDARDS ON BLEACHERS, FOLDING AND TELESCOPING SEATING, AND GRAND STANDS                                            | 2017 EDITION    |
| ICC-ES AC77 | ACCEPTANCE CRITERIA FOR SMOKE CONTAINMENT SYSTEMS USED WITH FIRE-RESISTANCE-RATED ELEVATOR HOISTWAY DOORS AND FRAMES | 2017 EDITION    |
| UL 268      | SMOKE DETECTORS FOR PROTECTIVE SIGNALING SYSTEMS                                                                     | 2009 EDITION    |
| UL 294      | STANDARD FOR ACCESS CONTROL SYSTEM UNITS                                                                             | 1999 EDITION    |
| UL 464      | AUDIBLE SIGNAL APPLIANCES                                                                                            | (2015 REVISION) |
| UL 521      | HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS                                                                 | 2003 EDITION    |
| UL 864      | CONTROL UNITS FOR FIRE PROTECTIVE SIGNALING SYSTEMS                                                                  | 1999 EDITION    |
|             |                                                                                                                      | (2005 REVISION) |
|             |                                                                                                                      | 2003 EDITION    |
|             |                                                                                                                      | (2014 REVISION) |

REFERENCE CODE SECTION FOR NFPA STANDARDS- 2019 CBC (SFM) CHAPTER 35. SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.

## SEQUENCE OF OPERATION

|                                                                   | INITIATING DEVICE | MANUAL PULL STATION | SMOKE/CO DETECTORS | POWER FAILURE |
|-------------------------------------------------------------------|-------------------|---------------------|--------------------|---------------|
| SYSTEM RESPONSE                                                   |                   |                     |                    |               |
| ANNUNCIATE AT FIRE CONTROL PANEL (ALARM, SUPERVISORY AND TROUBLE) | YES               | YES                 | YES                | YES           |
| ANNUNCIATE AT FIRE CONTROL PANEL (AUDIBLE & VISUAL TROUBLE)       | YES               | YES                 | YES                | YES           |
| ACTIVATE AUDIBLE/VISUAL ALARM SIGNALS (UNTIL SILENCED)            | YES               | YES                 | NO                 | YES           |
| TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION                 | YES               | YES                 | YES                | YES           |

## CONDUIT AND WIRE SPECIFICATIONS

| LABEL | DESCRIPTION OF CONTENTS               | CONDUIT SIZE (UND) |
|-------|---------------------------------------|--------------------|
| F1    | (1)-16/2                              | 3/4" MIN.          |
| F2    | (2)-#12 CU WIRES                      | 3/4" MIN.          |
| F3    | (1)-14/2 OR 12/2 SHIELDED SPKR. CABLE | 3/4" MIN.          |
| F4    | (2) F1                                | 3/4" MIN.          |
| F5    | (2) F2                                | 3/4" MIN.          |
| F6    | (2) F3                                | 3/4" MIN.          |
| F7    | (1) F1 & (1) F2                       | 3/4" MIN.          |
| F8    | (1) F1 & (1) F3                       | 3/4" MIN.          |
| F9    | (1) F2 & (1) F3                       | 3/4" MIN.          |
| F10   | (1) F1 & (1) F2 & (1) F3              | 1" MIN.            |
| F11   | (2) F1 & (2) F2                       | 1" MIN.            |
| F12   | (2) F1 & (2) F3                       | 1" MIN.            |
| F13   | (2) F2 & (2) F3                       | 1" MIN.            |
| F14   | (2) F1 & (2) F2 & (2) F3              | 1" MIN.            |

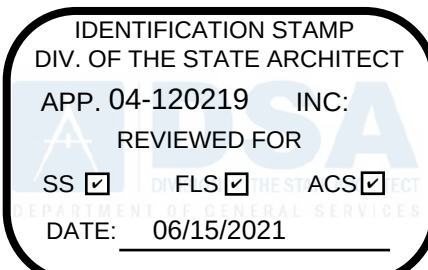
- NOTES:  
1. 16/2 = WEST PENN WIRE #B990/BELDEN #B220UL, WIRE ONE.  
2. 16/2 = WEST PENN WIRE #B220UL, UNDERGROUND.  
3. CONDUIT NOT TO EXCEED 48" MAX. LENGTH PER RUN.  
4. ALL WIRING TO BE USED FOR USE AS REQUIRED BY TITLE 24/CEC, ART. 760.  
5. THIN-2" ALUMINUM, OR EQUAL, TO BE USED IN WET LOCATIONS.

COMPLETE PLAN SUBMITTAL FOR FULLY AUTOMATIC FIRE ALARM SYSTEM PER DSA PLAN SUBMITTAL REQUIREMENTS - FIRE ALARM DETECTION

NOTE:  
PROVIDE DEDICATED 120 VOLT CIRCUIT CONNECTED TO LOCKED-ON BREAKER. THE CIRCUIT BREAKER SHALL BE LOCKED-ON WITH APPROVED LOCKING DEVICE, MARKED RED AND IDENTIFIED AS "FIRE ALARM CONTROL CIRCUIT". VERIFY PANEL AND SPARE CIRCUIT WITH MODULAR BUILDING MANUFACTURER.

### SCOPE OF WORK

INSTALL A COMPLETE FIRE ALARM ADDRESSABLE SYSTEM PER NFPA 72 AND SB 575. AREA SMOKE DETECTION SHALL BE USED AND AC UNITS SHALL BE SHUT DOWN THROUGH FIRE ALARM SYSTEM AND GREEN OAKS FAMILY ACADEMY ELEMENTARY SCHOOL FIRE PROTECTION ACT (SB 575) SHALL APPLY. FIRE ALARM PANEL SHALL BE MONITORED BY UL CERTIFIED CENTRAL STATION FIRE SPRINKLER THROUGH OUT IN LIEU OF FIRE DETECTION



RANCHO CUCAMONGA  
8163 ROCHESTER AVENUE, SUITE 100  
RANCHO CUCAMONGA, CA 91730  
909-987-0909 P

BUENA VISTA CONTINUATION HIGH SCHOOL  
PORTABLE CLASSROOM

13509 RAMONA AVENUE, CHINO, CA 91709

CHINO VALLEY UNIFIED SCHOOL DISTRICT



CONSULTANT  
YOWANTO ENGINEERING, INC.  
2705 TOWNE AVE., #C  
POMONA, CA 91767  
(909) 626-6291

| NO | DATE | BY | DESCRIPTION |
|----|------|----|-------------|
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |

REVISIONS

DRAWN: SC  
CHECKED: IY  
DATE: 06/03/21  
SCALE: AS NOTED

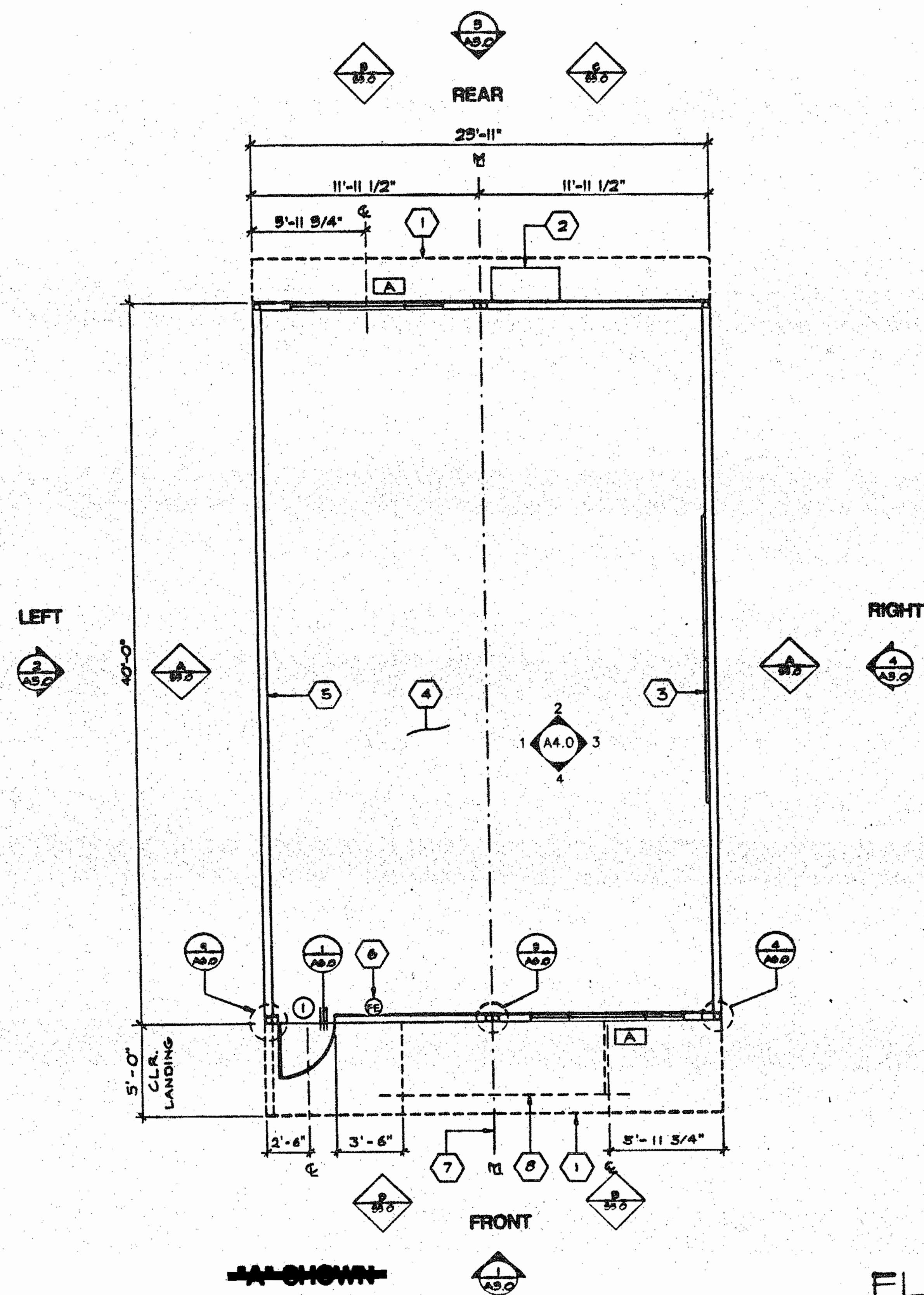
PROJECT NUMBER: 04-120219

### FIRE ALARM LISTING, NOTES & DETAILS

DRAWING NUMBER: E3.1





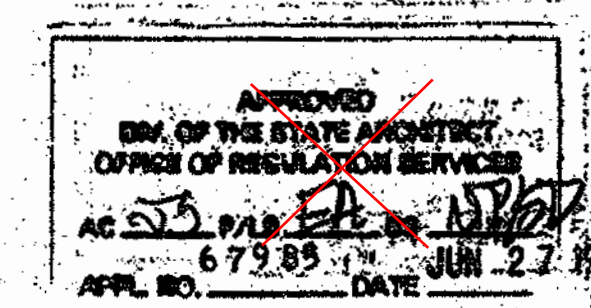


# KEY NOTES

- 1 ROOF OVERHANG
- 2 HVAC UNIT - H.V.
- 3 2- 8'x4' MARKER BOARDS (SEE SPEC'S FOR TYPE)
- 4 FINISH FLOORING (SEE FINISH SCHED.) AS O
- 5 TYPICAL INTERIOR FINISH (SEE FINISH SCHEDULE) AS O
- 6 FIRE EXTINGUISHER - 5 LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD. BRACKET. HANDLE AT +48" A.F.F.
- 7 MODLINE (M TYPICAL)
- 8 LINE OF RAMP/LANDING (SEE SHIT R10/R2.0)

# NOTES

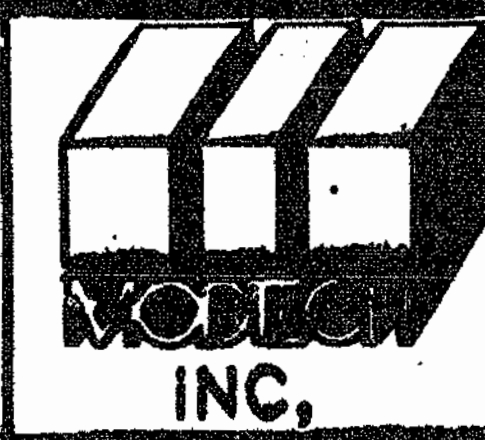
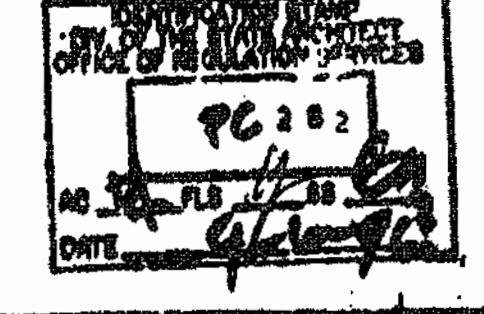
1. METAL TAG ON ALL MODULES, MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOWN D.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER, ROOF AND FLOOR DESIGN LIVE LOAD, AND DESIGN WIND LOAD.
2. INSULATION MATERIALS INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES, GRATINGS SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450, EXCEPTIONS:  
1. FOAM PLASTIC INSULATION SHALL COMPLY WITH SEC. 2602.  
2. WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPE I, II, N, AND V CONSTRUCTION, THE FLAME SPREAD AND SMOKE DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACINGS ARE INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACES OF THE CEILING, FLOOR OR WALL FINISH. (SEC. 707.3 C.D.C.)



FLOOR PLAN

SCALE 1/4"=1'-0"

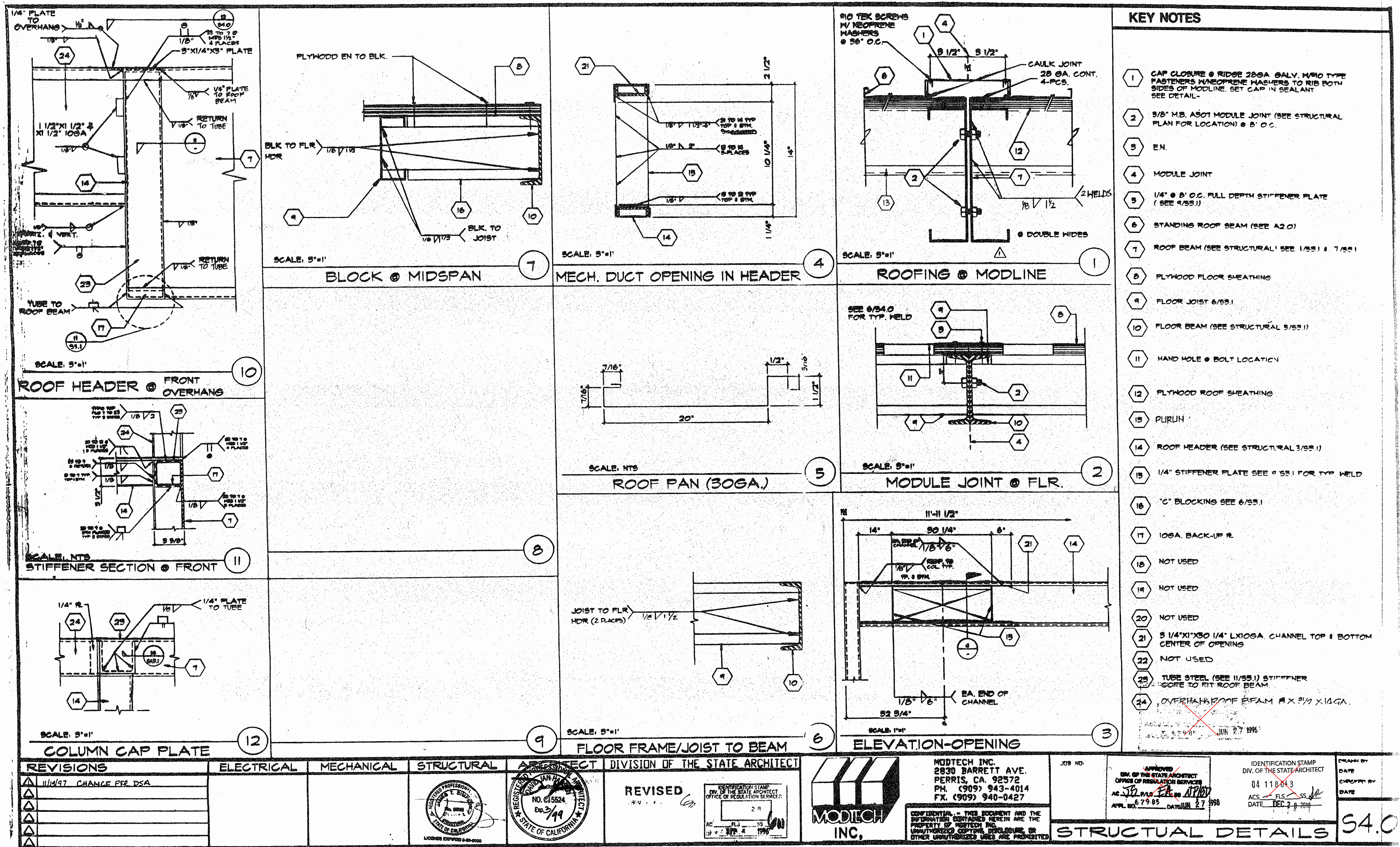
| REVISIONS | ELECTRICAL | MECHANICAL | STRUCTURAL | ARCHITECT | DIVISION OF THE STATE ARCHITECT |
|-----------|------------|------------|------------|-----------|---------------------------------|
| 1         |            |            |            |           |                                 |
| 2         |            |            |            |           |                                 |
| 3         |            |            |            |           |                                 |
| 4         |            |            |            |           |                                 |
| 5         |            |            |            |           |                                 |
| 6         |            |            |            |           |                                 |
| 7         |            |            |            |           |                                 |
| 8         |            |            |            |           |                                 |
| 9         |            |            |            |           |                                 |
| 10        |            |            |            |           |                                 |

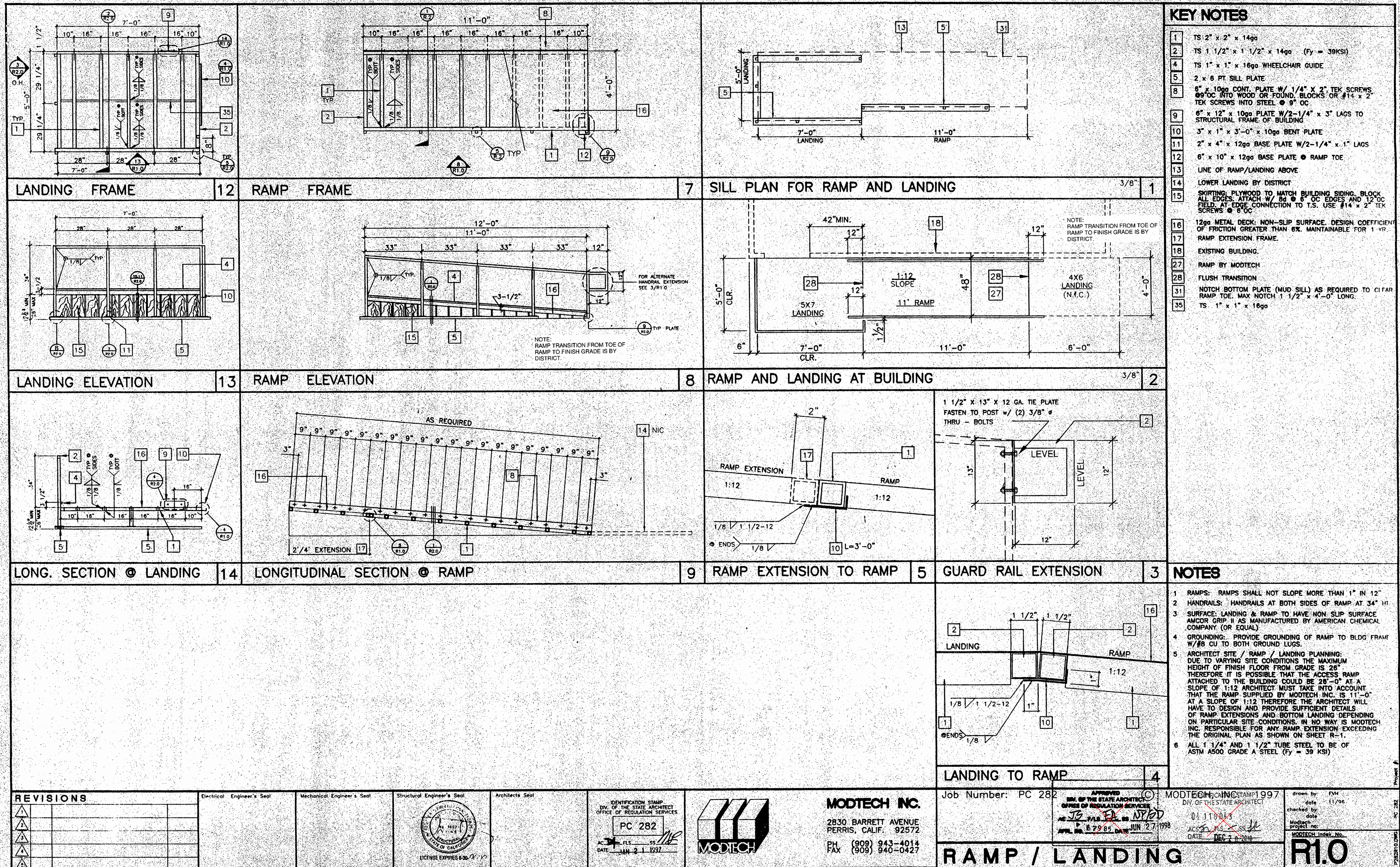


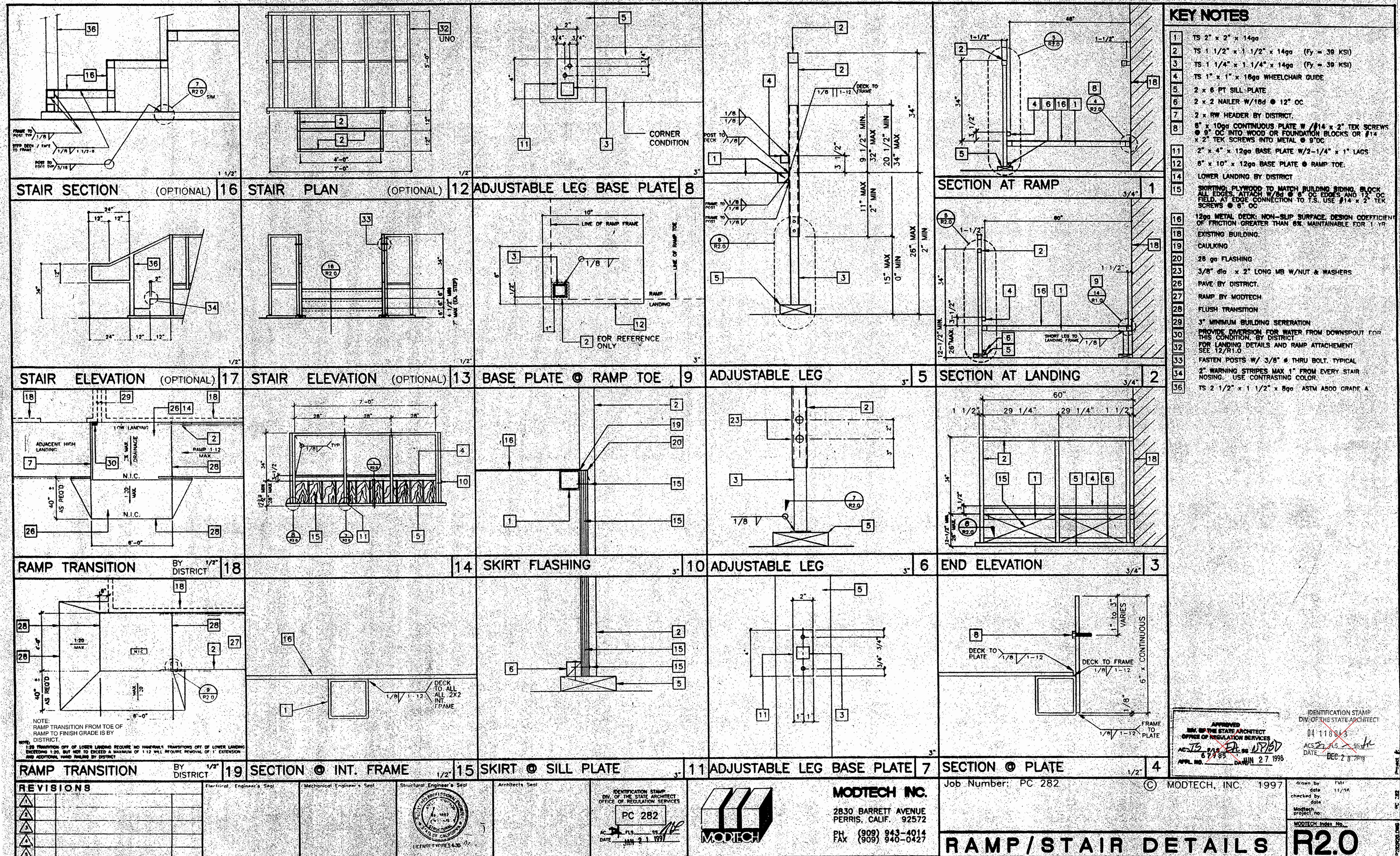
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PH. (909) 943-4014  
FX. (909) 940-0437

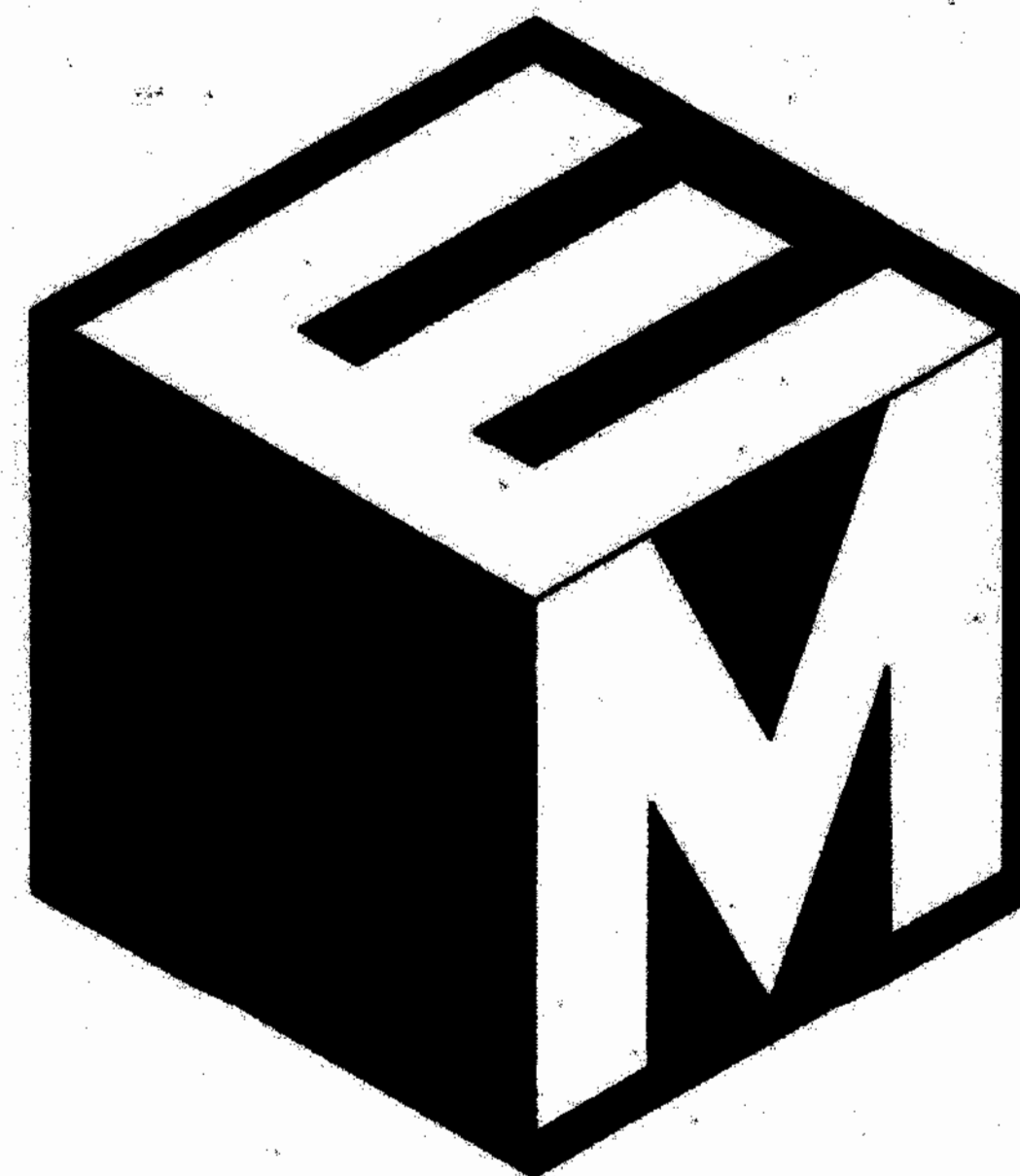
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| CONFIDENTIAL - THE DESIGN AND THE INFORMATION CONTAINED HEREIN ARE THE PROPERTY OF MODTECH INC. UNAUTHORIZED COPIES, REPRODUCTION OR OTHER UNAUTHORIZED USES ARE PROHIBITED. | IDENTIFICATION STAMP<br>DIV. OF THE STATE ARCHITECT<br>04 110043 11<br>ACS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> SS <input checked="" type="checkbox"/><br>DATE: DEC 28 2019 | DESIGNED BY<br>DATE<br>CHECKED BY<br>DATE<br>A.I.O. |
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# ELITE MODULAR WOOD & CONCRETE FOUNDATIONS PC

ELITE MODULAR LEASING & SALES, INC.  
P.O. BOX 78447 CORONA CA 92877  
PHONE: 951-422-2500 FAX: 951-943-3074

NOTE:  
BELOW STATEMENT APPLICABLE AT W.U.I. AREAS ONLY

### FOUNDATION PC TO BE COMPLIANT WITH WILD / URBAN INTERFACE ZONE (WUI)

- EXTERIOR UNDER FLOOR VENTS TO BE FULLY COVERED WITH CORROSION RESISTANT OPENING & NO LESS THAN 1/16". BUT NO MORE THAN 1/8" IN SIZE PER CBC 705A
- EXTERIOR WALLS MUST BE COMPRISED OF NON-COMBUSTIBLE MATERIAL PER CBC 707A
- THE SKIRTING BETWEEN THE FLOOR AND THE GRADE MUST BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL PER CBC 707A

NOTE: SEE DETAILS 6, 7, 8 & 9 ON SHEET DWF-01 FOR (WUI) DETAIL REFERENCES

### SHEET INDEX

| SHT NO. | COVER PAGE                                                 |
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| WFS-01  | STRUCTURAL SPECIFICATIONS - WOOD FOUNDATIONS               |
| WF-01   | WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)               |
| WF-02   | WOOD FOUNDATION PLAN - 36' x 40' (50+15 PSF)               |
| WF-03   | WOOD FOUNDATION PLAN - 48' x 40' (50+15 PSF)               |
| WF-04   | WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)               |
| WF-05   | WOOD FOUNDATION PLAN - 36' x 40' (50+15 PSF)               |
| WF-06   | WOOD FOUNDATION PLAN - 48' x 40' (50+15 PSF)               |
| WF-07   | WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)               |
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| WF-11   | WOOD FOUNDATION PLAN - 36' x 40' (50+15 PSF)               |
| WF-12   | WOOD FOUNDATION PLAN - 48' x 40' (50+15 PSF)               |
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| CFS-01  | STRUCTURAL SPECIFICATIONS - CONCRETE FOUNDATIONS           |
| CFA-01  | CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR        |
| CFA-02  | CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR    |
| CFA-03  | CONCRETE FOUNDATION DETAILS - ABOVE GRADE                  |
| CFA-04  | CONCRETE FOUNDATION DETAILS - BELOW GRADE - WOOD FLOOR     |
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| CFA-06  | CONCRETE FOUNDATION DETAILS - BELOW GRADE                  |
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### PREVIOUSLY APPROVED PC-A NUMBERS FOR USE WITH THIS FOUNDATION PC

| PC-BASE      | DATE       | SIZE  | FLOOR LOAD   | BLDG MFG    |
|--------------|------------|-------|--------------|-------------|
| PC-80        | 09/14/1999 | 24x40 | 50/50+20/100 | MODTECH     |
| PC-76        | 09/19/1999 | 24x40 | 50/50+20     | MODTECH     |
| PC-102       | 03/13/1999 | 24x40 | 50/50+20     | AURORA      |
| PC-342       | 08/19/1999 | 24x40 | 50/50+20     | MODTECH     |
| PC-375       | 08/19/1999 | 24x40 | 50/50+20     | MODTECH     |
| PC-282       | 08/03/1998 | 24x40 | 50/50+20     | MODTECH     |
| PC-04-104796 | 07/17/2001 | 24x40 | 50/50+20     | MODTECH     |
| PC-04-107109 | 12/21/2002 | 24x40 | 50/50+20     | MODTECH     |
| PC-370       | 08/13/1999 | 24x40 | 50/50+20     | MODTECH     |
| PC-106884    | 12/03/2007 | 24x40 | 50/50+20     | CURRENTY    |
| PC-04-100073 | 01/15/1998 | 24x40 | 50/50+20     | SMI         |
| PC-333       | 05/10/1998 | 24x40 | 50/50+20     | AURORA      |
| PC-04-103244 | 09/10/1999 | 24x40 | 50/50+20     | MS          |
| PC-367       | 01/20/1999 | 24x40 | 50/50+20     | EBB         |
| PC-330       | 09/14/1997 | 24x40 | 50/50+20     | PACE SETTER |

REV#1  
APPROVED  
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ACS FLS SSS  
APP 04-116392 DATE 12/13/2018

| PC-BASE     | DATE       | SIZE     | FLOOR LOAD   | BLDG MFG     |
|-------------|------------|----------|--------------|--------------|
| 04-104793   | 05/12/2003 | 24-44x40 | 50/50+20/100 | MODTECH      |
| 04-107207   | 03/12/2005 | 24x40x40 | 50/50+20/100 | SILVER CREEK |
| 04-108592   | 02/06/2006 | 24-40x40 | 50/50+20/100 | SILVER CREEK |
| 04-109772   | 12/08/2001 | 24-40x40 | 50/50+20/100 | SILVER CREEK |
| PC-4-109400 | 01/09/2000 | 24x40x40 | 50/50+20/100 | SILVER CREEK |
| PC-4-110147 | 04/02/2000 | 24x40x40 | 50/50+20/100 | SILVER CREEK |
| PC-4-114007 | 04/16/2000 | 24x40x40 | 50/50+20/100 | SILVER CREEK |
| PC-4-118286 | 02/08/2000 | 24x40x40 | 50/50+20/100 | SILVER CREEK |
| PC-4-119100 | 08/10/2000 | 24x40x40 | 50/50+20/100 | SILVER CREEK |
| PC-343      | 01/08/1999 | 24x40x40 | 50/50+20/100 | MODTECH      |
| PC-379      | 10/16/1999 | 24x40x40 | 50/50+20/100 | MODTECH      |
| PC-358      | 04/13/1999 | 24x40x40 | 50/50+20     | MODTECH      |
| PC-346      | 05/14/1999 | 24x40x40 | 50/50+20/100 | MODTECH      |
| PC-10408    | 12/16/1997 | 24x40x40 | 50/50+20/100 | MODTECH      |
| PC-104801   | 02/21/1999 | 24x40x40 | 50/50+20/100 | MODTECH      |
| 389         | 03/13/1997 | 24x40x40 | 50/50+20     | MODTECH      |
| PC-100335   | 07/30/1997 | 24x40x40 | 50/50+20/100 | AURORA       |
| 329         | 05/24/1997 | 24x40x40 | 50/50+20/100 | AURORA       |
| 04-101956   | 08/28/1999 | 24x40x40 | 50/50+20/100 | MS           |
| 04-104192   | 04/01/2000 | 24x40x40 | 50/50+20/100 | MS           |
| PC-361      | 10/16/1997 | 24x40x40 | 50/50+20/100 | MS           |
| 04-101955   | 07/26/2003 | 24x40x40 | 50/50+20/100 | WALDEN       |

REV#2  
APPROVED  
DIVISION OF THE STATE ARCHITECT  
ACS FLS SSS  
APP 04-116392 DATE 12/13/2018

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
04-116392  
ACS FLS SSS  
DATE DEC 20 2018

**ELITE MODULAR**  
LEASING & SALES, INC.  
P.O. BOX 78447  
CORONA CA 92877  
PHONE: 951-422-2500  
FAX: 951-943-3074

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PROJECT NAME  
SHEET TITLE  
**COVER SHEET**

ARCHITECT OF RECORD  
DATE SIGNED  
NOV 08 2017

PROJECT SPECIFIC STATE AGENCY APPROVAL  
OFFICE OF THE STATE ARCHITECT  
DIVISION OF REGULATION SERVICES  
04-116392  
DATE: NOV 8 2017  
STATE OF CALIFORNIA

ORIGINAL PC STATE AGENCY APPROVAL  
04-116392  
DATE: NOV 8 2017  
STATE OF CALIFORNIA

REVISIONS  
1. 04-116392-01 11/2/2017  
2. 04-116392-02 11/2/2017  
3. 04-116392-03 11/2/2017  
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253. 04

#### CARPENTRY

- SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL CARPENTRY.
- WORKMANSHIP:  
A. FRAMING: SECURELY NAILED, BRIDGED AND BLOCKED TO FORM RIGID STRUCTURE. WORK CUT, FITTED AND ASSEMBLED LEAVE, PLUMBING AND TRUE LINE. TRIM IN AS LONG LENGTHS AS POSSIBLE WITH ALL STANDING TRIM IN ONE PIECE. TRIM SEALED AT ALL EDGES.  
B. NAILING: IN ACCORDANCE WITH THE TITLE 24 CCR-TABLE 2304.10.1 NAILS SHALL BE CORROSION RESISTANT BOX NAILS.  
C. MACHINE APPLIED NAILING SHALL HAVE PRIOR DEMONSTRATION AND APPROVAL BY DSA, FIELD INSPECTOR AND THE ARCHITECT. THE APPROVAL IS SUBJECT TO CONTINUOUS SATISFACTORY PERFORMANCE. PLYWOOD SHALL HAVE A MINIMUM THICKNESS OF 3/8". IF NAIL HEADS PENETRATE THE OUTER PLY, MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.  
D. TRIM: SEALED AT ALL EDGES. SEALANT PAINTED TO MATCH TRIM OR SIDING.

#### MATERIAL SPECIFICATIONS

- STRUCTURAL FRAMING SHALL BE HEM FIR-LARCH GRADED IN ACCORDANCE WITH THE STANDARD GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 16 OF THE WEST COAST LUMBER INSPECTION BUREAU, LATEST EDITIONS. GRADES SHALL BE AS OF FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. (HEM FIR SOUTHWEST IS NOT ALLOWED) EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FALL BELOW GRADES INDICATED. ALL FRAMING EXCEPT AS NOTED HEM FIR #2.
- PLYWOOD SHALL BE AS SHOWN ON THESE DRAWINGS WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS-107. ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH AN IDENTIFICATION INDEX AS SHOWN ON DRAWINGS. USE 4'X8' PANELS- MINIMUM, EXCEPT AT BOUNDARIES AND AT FRAMING CHANGES WHERE MINIMUM PANEL DIMENSION SHALL BE 24" AT ROOFS AND FLOORS AND 12" AT WALLS.
- BOLTS FOR TIMBER CONNECTIONS SHALL CONFORM TO SNAI/ASME STANDARD B18.2.1-2012 & 2015 EDITION OF NDS (THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION) BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENT OF 2015 NDS.
- BOLT HOLES SHALL BE 1/32 TO 1/16 INCH LARGER THAN BOLT DIAMETER. BOLTS SHALL BE FULL BODY WITH MINIMUM YIELD STRENGTH OF 45,000 PSI. RE-TIGHTEN BOLTS BEFORE CLOSING IN WORK.
- LAG SCREWS SHALL BE STEEL AND CONFORM TO ANSI/ASME STANDARDS B18.2.1 AND 2015 NDS. HOLES FOR LAG SCREWS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION OF THE SCREW SHALL BE BORED TO 2X OF THE SHANK DIAMETER. OR QUARTER INCH (1/4") DIAMETER LAG SCREWS NEED NOT HAVE PRE-DRILLED HOLES IF IT CAN BE SHOWN THAT WOOD MEMBERS ARE NOT DAMAGED DURING INSTALLATION. PROVIDE FULL DIAMETER BODY LAG SCREWS WITH BENDING YIELD STRENGTHS PER TABLE 11J IN NDS.
- PROVIDE MALLEABLE IRON WASHERS OR EQUIVALENT CUT PLATE WASHERS (NOT LESS THAN A STANDARD CUT WASHER) UNDER NUTS AND BOLT OR LAG SCREWS HEADS WHICH BEAR ON WOOD.
- WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1 AND THE REQUIREMENTS OF THE 2015 NDS. GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER, IN FOUNDATIONS AND AS NOTED ON PLANS. PER THE REQUIREMENTS OF CCR TITLE 24, PART 2, WITH MINIMUM BENDING YIELDS PER TABLE 11J IN NDS. (SEE NAIL EQUIVALENCE BELOW)
- NAIL EQUIVALENCE:  
(PROVIDE MINIMUM NAIL LENGTHS AS REQUIRED FOR SPECIFIED PENETRATION, TYPICAL: U.N.O.)  
6D EQUALS .119" DIA- PROVIDE 1.36" MINIMUM POINT PENETRATION  
8D EQUALS .131" DIA- PROVIDE 1.57" MINIMUM POINT PENETRATION
- PRESSURE PRESERVATIVE TREATMENT SHALL BE PER SECTION 3303.1.5, CCR TITLE 24, PART 2. PROVIDE QUALITY MARK ON ALL TREATED FOUNDATION MEMBERS THAT COMPLY WITH CBC 3303.1.5.1. ALL FOUNDATION MEMBERS SHALL BE MARKED AS "FOR GROUND CONTACT" OR "FOR ABOVE GROUND USE" AS APPROPRIATE. PRESSURE TREATED MATERIAL SHALL COMPLY WITH AWPA STANDARD U1 AS REQUIRED BY CBC 3303.1.5. TREAT ALL CUT ENDS OF PRESSURE TREATED MEMBERS WITH AN APPROVED PRESERVATIVE (WILLARD W-600 COOPER GREEN 2X OR AN APPROVED EQUIVALENT) WHERE NOTED MEMBERS BELOW THE SUB FLOOR THAT ARE NOT A PART OF THE FOUNDATION SHALL BE PRESSURE TREATED.
- ONLY MATERIALS IN CONTACT WITH THE GROUND NEED TO BE PRESSURE TREATED, ALL OTHER FOUNDATION LUMBER CAN BE DF OR HF#2 OR EQUAL.
- IF MACHINE NAILING IS UTILIZED FOR THIS PROJECT, CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF CCR TITLE 24, PART 2. MACHINE NAILING IS SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER OR ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT.
- FASTENERS FOR PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL COMPLY WITH SECTION 3304.10.5 OF CCR.
- NAILS AND SPIKES USED IN WET OR EXTERIOR LOCATIONS SHALL COMPLY WITH SECTION 2304.10.5 OF CBC.
- SHIM MATERIAL SHALL BE PLYWOOD CD EXP 1 OR EQUAL (NOT PRESSURE TREATED)
- USE LUMBER IN GOOD CONDITION IS ACCEPTABLE FOR USE IN FOUNDATION SYSTEM
- THE PLATES SHALL CONFORM TO A-1011 GRADE 33.

#### SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS

IN THE CASE OF EQUIPMENT LOCATED IN THE STATE OF CALIFORNIA, THE LESSEE (SCHOOL DISTRICT) IS RESPONSIBLE FOR THE SITE BEING CLEARED (FREE OF GRASS, TREES, SHRUBS, ETC) AND GRADED TO WITHIN 4 1/2" OF LEVEL GRADE FOR EACH BUILDING. IF THE SITE EXCEEDS THE 4 1/2" LEVEL GRADE REQUIREMENT ADDITIONAL COSTS MAY BE CHARGED TO LESSEE.

UNDER NO CIRCUMSTANCES SHOULD THE SITE BE GREATER THAN 9" FROM LEVEL GRADE OR HAVE LESS THAN 1000 PSF MINIMUM SOIL BEARING PRESSURE.

PRIOR TO DELIVERY, THE LESSEE SHALL MARK THE FOUND CORNERS OF THE BUILDING ON THE SITE, INCLUDING DOOR LOCATION. SHOULD SPECIAL HANDLING BE REQUIRED TO EITHER PLACE, INSTALL OR RELOCATE THE CLASSROOM ON THE LESSEE'S SITE DUE TO SITE OBSTRUCTION SUCH AS FENCING, LANDSCAPING, OTHER CLASSROOMS, ETC. ADDITIONAL COST WILL BE CHARGED TO LESSEE

#### SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS

- PROVIDE ELECTRICAL GROUND TEST PER DSA IN E-1
  - FIELD WELDING FOR WELDING THE PLATE OPTION. (IF USED, REQUIRES TEST AND INSPECTION)
- THE EXAMPLE FORM DSA 103'S SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY. A FORM DSA 103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA 103'S ARE TO BE CROSSED OUT ON THIS DRAWING.
- NO OTHER TEST AND INSPECTIONS ARE REQUIRED.

#### SPECIFICATIONS RELOCATABLE CLASSROOMS

##### GENERAL REQUIREMENTS:

- THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE AGREEMENT AND THESE GENERAL REQUIREMENTS APPLY TO THE SEVERAL TRADE SECTIONS WITH THE SAME FORCE AS THOUGH FULLY REPEATED IN EACH SECTION.
- NAME BRANDS ARE INDICATED TO ESTABLISH A STANDARD OF QUALITY. ITEMS OF EQUAL OR BETTER QUALITY MAY BE SUBSTITUTED FOR THE LISTED BRAND NAME PRODUCTS.

##### SCOPE OF WORK:

- THE WORK CONSISTS OF INSTALLING ON-SITE MODULAR RELOCATABLE BUILDINGS AS DEFINED HEREIN, SHOWN AND DETAILED ON THE DRAWINGS
- ALL REQUIREMENTS OF CCR (CALIFORNIA CODE REGULATION) TITLE 19 AND 24 RELATING TO INSPECTIONS AND VERIFIED REPORTS SHALL BE COMPLIED WITH AND SHALL INCLUDE:  
A. GENERAL RESPONSIBLE CHARGE OF FIELD ADMINISTRATION BY THE ARCHITECT OF RECORD.  
B. INSPECTION DURING THE COURSE OF CONSTRUCTION BY AN INSPECTOR APPROVED BY DSA (DIVISION OF THE STATE ARCHITECT) AND THE DISTRICT ARCHITECT. THE INSPECTOR SHALL BE RESPONSIBLE FOR AND APPROVED TO INSPECT THE GENERAL CONSTRUCTION, WELDING, MECHANICAL AND ELECTRICAL, WORK, COST OF THESE INSPECTIONS SHALL BE BORNE BY THE SCHOOL DISTRICT.  
C. ON SITE INSPECTION OF THE BUILDING INSTALLATION, ELECTRICAL AND UTILITY OF THE BUILDING INSTALLATION OR CONNECTION BY AN INSPECTOR APPROVED BY THE DSA AND RETAINED BY THE SCHOOL DISTRICT.  
D. OTHER SPECIAL TEST OR INSPECTIONS AS MAY BE REQUIRED BY DSA COST OF THESE INSPECTION TEST SHALL BE BORNE BY THE SCHOOL DISTRICT

##### WORK NOT INCLUDED:

- ALL ON SITE OR OFF SITE UTILITIES AND THE CONNECTION OF THEM TO THE BUILDING UNLESS INDICATED ON THE DRAWINGS
- ALL LEVELING, GRADING OR OTHER SITE PREPARATION (EXCEPT CONCRETE OR WOOD LEVELING STRIPS, WHERE REQUIRED) UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- FIRE ALARM SYSTEM, PROGRAM BELL, LOCK, PUBLIC ADDRESS SYSTEM, INTERCOM SYSTEM, TV SYSTEM, COMPUTER DATA OR ANY OTHER LOW VOLTAGE SYSTEM, UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR THE LEASE AGREEMENT.

##### ACCESSIBILITY OF SITE

THE SCHOOL DISTRICT SHALL PROVIDE ACCESS TO THE SITE FOR THE INSTALLATION OF THE BUILDING. REMOVAL OF TREES, SHRUBS, FENCING, SPRINKLERS, ETC. NECESSARY FOR MOVE-IN AND REMOVAL OF THE BUILDINGS SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT.

##### SITE ASSEMBLY

- SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO PREPARE THE BUILDING ELEMENTS, TRANSPORT THEM FROM PLANT TO THE SITE AND COMPLETE THE ASSEMBLY AT THE SITE.  
THE CONDITION OF THE SITE, SUCH AS DRAINAGE AND SOIL BEARING CAPACITY, SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT AND THE ARCHITECT ARCHITECT.
- ASSEMBLY OF ELEMENTS:  
A. IN A LOCATION ON THE SITE AS DETERMINED BY THE DISTRICT ARCHITECT. THE CONTRACTOR SHALL PLACE THE FOUNDATION AS DETAILED ON THE DRAWINGS.  
B. THE ELEMENTS SHALL BE BROUGHT TO THE SITE ON A WHEEL ASSEMBLY AND TRANSFERRED TO THE PREPARED SITE. GREAT CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ELEMENTS BY RACKING OR BUMPING.  
C. CONNECTION OF THE ELEMENTS TOGETHER SHALL BE DONE ACCORDING TO INSTRUCTIONS ON THE DRAWINGS. FLASHING, TRIM AND OTHER LOOSE ITEMS SHALL BE INSTALLED PER PLANS AND DETAILS OF THE ORIGINAL BUILDING MANUFACTURER'S DRAWINGS.

##### DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50+20 PSF PARTITIONS, 100 PSF  
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA  
WIND SPEED = 150 MPH (V) (5 SECOND GUST), Kzt = 1.0, I = 1.0  
PROJECT IS NOT LOCATED IN A SNOW REGION  
BUILDING CODES = 2015 IBC AND 2015 CBC

##### SEISMIC DESIGN DATA:

BASIC SEISMIC FORCE RESISTING SYSTEM = STEEL MOMENT FRAME  
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE  
SEISMIC DESIGN CATEGORY = E (PER CBC SECTION 1613A3.5)  
DESIGN BASE SHEAR: 24440 BUILDING = 9460 # (ROOF, FLOOR, WALLS & PARTITIONS)  
39440 BUILDING = 14190 # (ROOF, FLOOR, WALLS & PARTITIONS)  
45440 BUILDING = 19500 # (ROOF, FLOOR, WALLS & PARTITIONS)

S<sub>1</sub> = 1.0 C<sub>u</sub> = 0.497 R<sub>1</sub> = 3.5 SITE CLASS = D  
S<sub>2</sub> = 3.73 MAPPED VALUE MAX / 0.75 S<sub>1</sub> = 2.61 (FOR DESIGN VALUE MAX)  
SDS = 1.74 (SITE SPECIFIC DOCUMENTATION JUSTIFYING SDS SHALL BE SUBMITTED TO DSA PRIOR TO APPROVAL)  
S<sub>1</sub> = 3.89 SD<sub>1</sub> = 1.389

##### FLOOD DESIGN DATA:

PROJECT IS NOT LOCATED IN A FLOOD ZONE

##### SOIL BEARING:

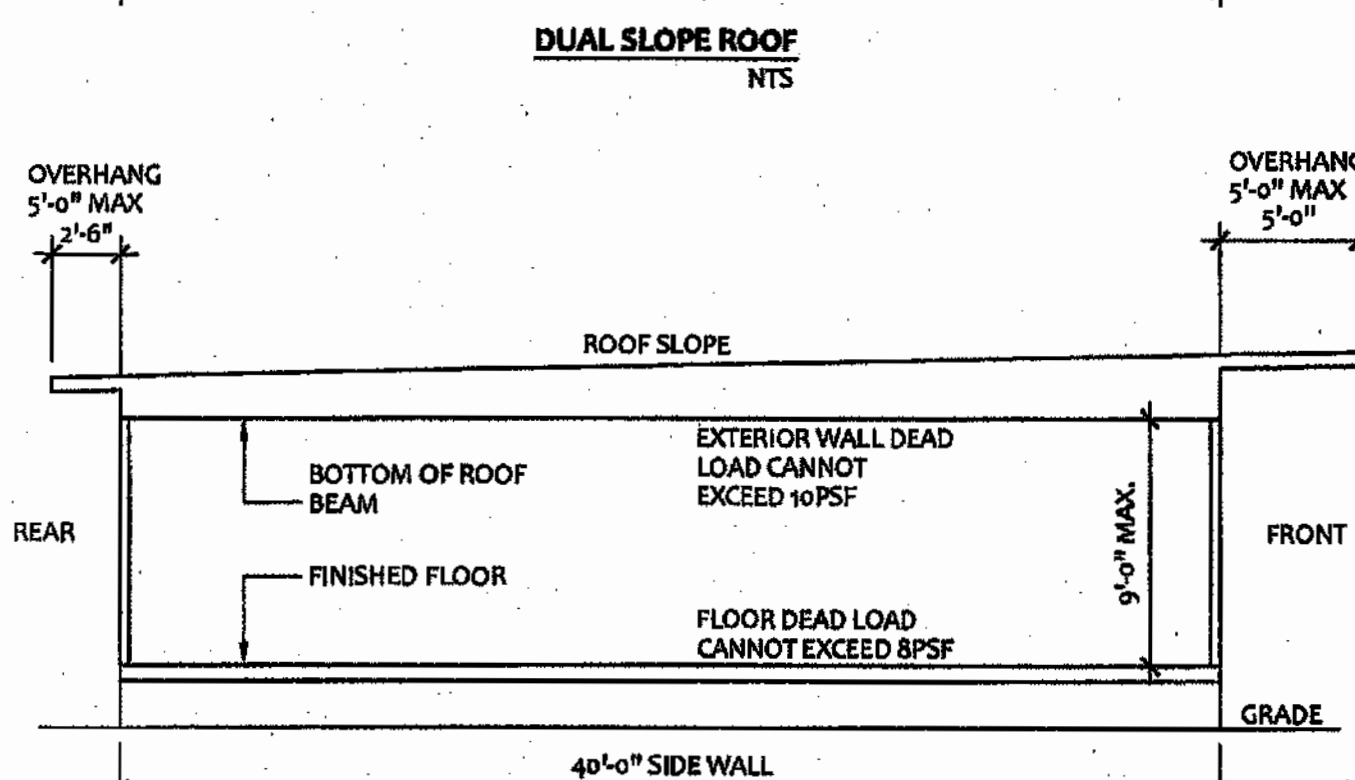
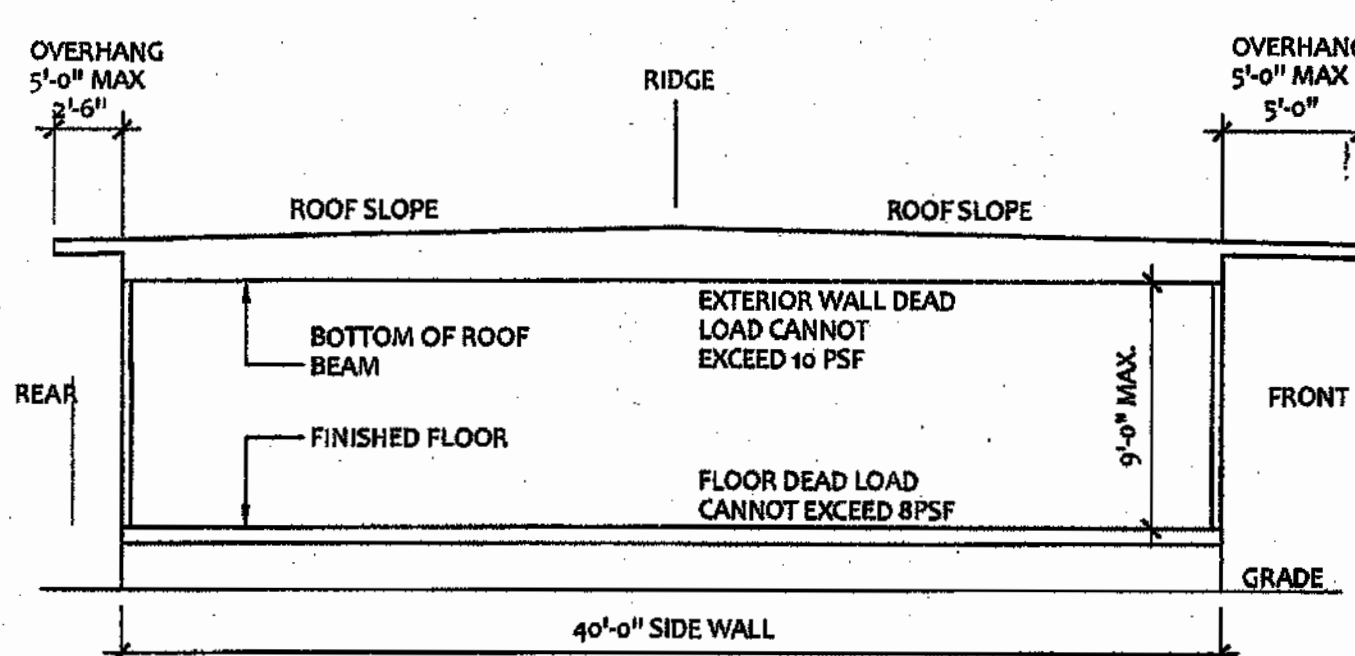
ALLOWABLE SOIL BEARING = 1,000 PSF

##### LIMITATIONS FOUNDATION PC ONLY:

FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWING.

THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:

- DSA APPROVED STOCKPILE BUILDINGS
- ROOF OVERHANGS OF 5'-0" MAXIMUM
- SINGLE SLOPE OR DUAL SLOPE BUILDINGS  
WALL HEIGHT: 1'-0" MAXIMUM ON DUAL SLOPE BUILDINGS.  
WALL HEIGHT: 1'-0" MAXIMUM ON SINGLE SLOPE BUILDINGS.  
(HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
- WALL DEAD LOAD OF 10 PSF (NOT STUCCO)
- FLOOR DEAD LOAD OF 8 PSF



TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OR GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER



DSA-103 (REV 07/2018)  
Listing of Structural Tests & Special Inspections - 2016 CBC

|                 |                  |
|-----------------|------------------|
| Drawn by:       | Checked by:      |
| Date Submitted: | Application No.: |
| Reviewed:       | Revised:         |

**IMPORTANT:** This form is only a summary list of structural tests and special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendices at the bottom of this form identify work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all tests of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-strength wood douglarings, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.  
NOTES: This form is also available for projects submitted for review under the 2007 and 2010

| TEST OR SPECIAL INSPECTION                    |                                                                            | CODE REFERENCE AND NOTES |
|-----------------------------------------------|----------------------------------------------------------------------------|--------------------------|
| SOILS                                         |                                                                            |                          |
| CONCRETE                                      | Table 1705A.3                                                              |                          |
| MASONRY                                       | Table 1705.4.1 (AND) 1705.4.1 (UNLESS) 1705.4.1 (UNLESS) 1705.4.1 (UNLESS) |                          |
| STEEL ALUMINUM                                | Table 1705A.2.1                                                            |                          |
| 20. NONDESTRUCTIVE TESTING:                   |                                                                            |                          |
| 21. STEEL JOISTS AND TRUSSES:                 |                                                                            |                          |
| 22. SPRAY APPLIED FIRE-PROOFING:              |                                                                            |                          |
| 23. ANCHOR BOLTS, ANCHOR RODS, & OTHER STEEL: |                                                                            |                          |
| WOOD                                          |                                                                            |                          |
| OTHER                                         |                                                                            |                          |

##### List of required verified report(s):

| KEY to Columns                                                      | 1                                                                       | 2                                                                                                                                                                                                            |
|---------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type -                                                              | Continuous - Indicates that a continuous special inspection is required | Performed By -                                                                                                                                                                                               |
| Periodic - Indicates that a periodic special inspection is required |                                                                         | 108 - Indicates that the special inspection is to be performed by a registered geotechnical engineer or the or her authorized representative                                                                 |
| Test - Indicates that a test is required                            |                                                                         | 109 - Indicates that the test or inspection is to be performed by a testing laboratory assigned to the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-336, 2013 CCR Title 24, Part 1. |
|                                                                     |                                                                         | 110 - Indicates that the special inspection is to be performed by a special inspector                                                                                                                        |

**ELITE MODULAR**  
LEASING & SALES, INC.  
P.O. BOX 78477  
CORONA CA 92877  
PHONE: 951-422-2500  
FAX: 951-943-3074

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PROJECT NAME:

SHEET TITLE:  
**STRUCTURAL  
SPECIFICATIONS  
WOOD FOUNDATIONS**

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 04-10-2019 INC.  
REVIEWED FOR:  
SS ☐ FLS ☐ ACS ☐  
DATE: 06/15/2021

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 04-10-2019 INC.  
REVIEWED FOR:  
SS ☐ FLS ☐ ACS ☐  
DATE: 06/15/2021

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 04-10-2019 INC.  
REVIEWED FOR:  
SS ☐ FLS ☐ ACS ☐  
DATE: 06/15/2021

REVISIONS

PROJECT NO:  
DRAWN BY: Y.C.  
SCALE: AS NOTED  
DATE: APRIL 25, 2017  
SHEET NUMBER  
**WFS-01**



- ## NOTES



- NOTE:  
VENTING REQUIREMENTS MAY BE RE-CALCULATED  
DEPENDING ON GRADE CONDITIONS ON A PER-JOB BASIS



WOOD FOUNDATION PLATE SCHEDULE - 50 + 15 PSF

| PLATES                           | END WALL                    | SIDE WALL                   | MODLINE PAD AT END WALL | MODLINE PAD AT INTERIOR | SEPARATION PAD AT ENDWALL |                      | SEPARATION PAD AT INTERIOR |
|----------------------------------|-----------------------------|-----------------------------|-------------------------|-------------------------|---------------------------|----------------------|----------------------------|
|                                  |                             |                             |                         |                         | ONE BLDG                  |                      | ONE BLDG                   |
| ADDITIONAL TOP PLATE (AS NEEDED) | 2x4                         | 2x4                         | 2x6                     | 2x6                     | 2X12                      |                      | 2X12                       |
| TOP                              | 2x6                         | 2x6                         | 2x8                     | 2x8                     | 2X12                      |                      | 2X12                       |
| BLOCK                            | 2x8                         |                             | 2x10                    | 2x10                    | 2X12                      |                      |                            |
| SILL                             | 2x12<br>(2x14) <sup>3</sup> | 2x12<br>(2x14) <sup>3</sup> | (6)<br>2X12 X 2'-0"     | (6)<br>2X12 X 2'-0"     | (7)<br>2X12 X 2'-0"       | (10)<br>2X12 X 2'-0" |                            |

KEY PLAN VENTING SCHEDULE

VENT "A"(SIDEWALL): 3'-0" x 4'-0" = 1.3125 S.F. VENTILATION

VENT OPENING  
BELOW COTTER UPPER PLATE\*

VENT "B"(ENDWALL): 3'-0" x 3" = 0.75 S.F. VENTILATION

(OPTIONAL AT MULTIPLE BLDG SETS)  
VENT OPENING  
ABOVE COT: SILL AND BLOCK PLATE\*\*

VENT "C"(ENDWALL): 3'-0" X 4 X 1/2" = 1.125 S.F. VENTILATION

(OPTIONAL AT MULTIPLE BLDG SETS)  
VENT OPENING  
ABOVE COT: SILL AND BLOCK PLATES\*\*

NAILING SCHEDULE

(2) 16D BOX NAILS  
PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE  
3" OC AT ENDWALL - 1/1 F=50  
12" OC AT SIDEWALL - 2/1 F=50  
12" OC AT SEPARATION - 4/1 F=50

VENTING SCHEDULE

| BUILDING SIZE | BUILDING AREA | REQ. VENTING     | SIDE VENTING                               | END VENTING                               | TOTAL VENTING SUPPLIED |
|---------------|---------------|------------------|--------------------------------------------|-------------------------------------------|------------------------|
| 24' x 40'     | 960 SF        | 6.6 SF<br>(1/60) | 61.43 SF<br>(6) 3156 S/F(4.5-5.8 SF TOTAL) | 3'-0" X 3" = (1.75) S/F(4.5-5.8 SF TOTAL) | 6.75 SF                |

TIE PLATE SCHEDULE

| BUILDING SIZE | SIDE WALL TIE PLATES | END WALL TIE PLATES | TOTAL NUMBER OF TIE PLATES |
|---------------|----------------------|---------------------|----------------------------|
| 24' x 40'     | 6                    | 6                   | 24                         |



① FOR V.I.T. COMPLIANCE - PROVIDE NON-COMBUSTIBLE SKirting MATERIAL PER ICC-ES ESR-4856

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**PROJECT NAME:**

SHEET TITLE:  
"OPTIONAL"  
FOUNDATION  
DETAILS  
WOOD

ARCHITECT OF RECORD  
SIGNATURE DATE

REGISTERED PROFESSIONAL ARCHITECT  
JAMES T. SMITH  
No. 3602  
STATE OF CALIFORNIA

DATE SIGNED  
NOV 08 1917

LICENSE EXPIRES 6-30-18

PROJECT SPECIFIC STATE AGENCY APPROVAL:

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
04 118043  
ACS ☒ FLS ☒ SS ☒  
DATE DEC 20 2010

ORIGINAL PC STATE AGENCY APPROVAL

RE-CHECK (PC) DOCUMENT  
CONS-2000-00C

SEPARATE PROJECT APPLICATION  
IN CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICE

04-116392

AC \_\_\_\_\_ FLS 12 SS \_\_\_\_\_  
DATE NOV 18 2017

## REVISIONS

PROJECT NO:

DRAWN BY: Y.C

SCALE: AS NOTED

DATE: APRIL 25, 2017

**SHEET NUMBER**

WFD-02