

Attachment B

Building Information

Renovation and Addition to Juvenile Justice Center

Superior Court of California

County of San Joaquin



ADMINISTRATIVE OFFICE OF THE COURTS

JUDICIAL AND COURT OPERATIONS SERVICES DIVISION

JUDICIAL BRANCH CAPITAL PROGRAM OFFICE

1.0 Project Description

The Project consists of ADA path of travel improvements, renovating existing court support space, and adding one courtroom to the existing San Joaquin County Juvenile Justice Center located at 575 West Mathews Road French Camp, California.

The project includes a new one-courtroom addition of approximately 4,000 building gross square feet (BGSF), and renovation of ancillary public spaces in the existing, occupied, and secure County owned juvenile detention facility.

Complete electrical, mechanical, plumbing, AV, access control, IT, CCTV and security systems shall be installed. AOC will generally be responsible for furniture fixtures and equipment (FFE) but will require contactor to coordinate power and data service that may serve the FFE. Some of the FFE such as modular furniture will be delivered during the construction duration for contractor to install power and data cabling, if applicable. Contractor will need to coordinate with public utilities to provide new/additional/temporary services to the project. The project does not have any prescribed LEED achievement goals.

It is the intention of the AOC to begin construction in fall 2013, and achieve final completion in 10 months. The main telecommunication distribution room will need to be operational prior to construction completion to allow network system and building equipment start up and testing.

The AOC may enlist the services of a Construction Manager to assist during the construction of the renovation and addition in schedule evaluation, document management, issue tracking, meeting facilitation, and other tasks.

The AOC's Estimate of the Value of Construction of this Project is approximately \$2,487,000.

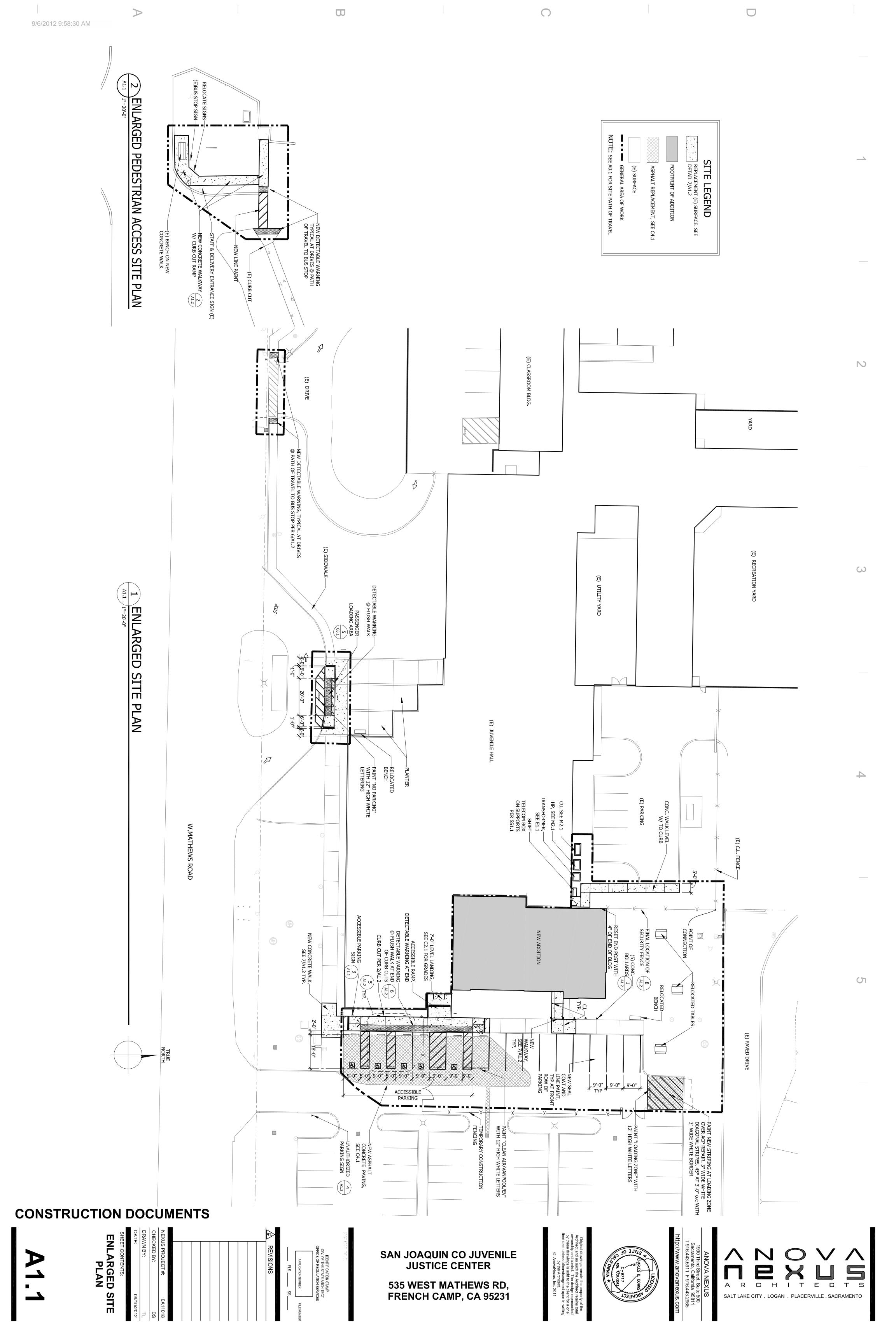
The building is owned and operated by San Joaquin County; however, the State of California is the project sponsor and will manage and pay the cost of construction. Building permits are issued by San Joaquin County. There is no involvement by the California SFM or due to the building ownership and there is no involvement by Board of State and Community Corrections (BSCC) since no new holding cells are being constructed.

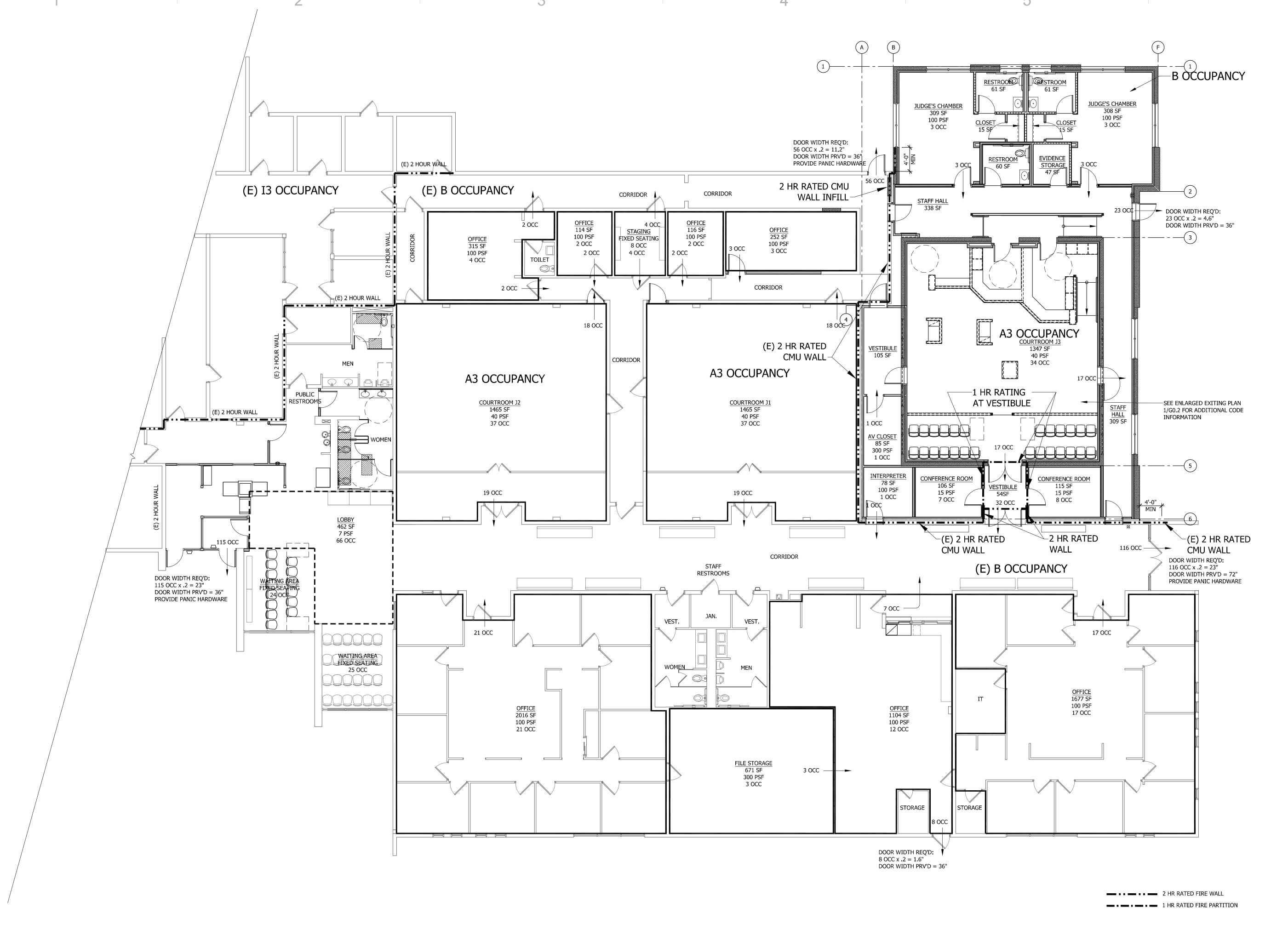
The project will be insured under the terms and conditions of an Owner Controlled Insurance Program (OCIP).

See below for plans, sections and elevations.









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> ST MATHEWS RD, I CAMP, CA 95231 SAN JOAQUIN CO JUVENIL JUSTICE CENTER 535 WEST FRENCH

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES APPLICATION NUMBER REVISIONS CUMENTS **NEXUS PROJECT #:** CHECKED BY: DRAWN BY:

DATE:

SHEET CONTENTS: **CODE SHEET**

09/10/2012

CODE REVIEW CBC 2010:

		OCCUPANCY ROOM:	USE (TABLE 1004.1.1)	ROOM SF	# OF OCCUPANTS
	$\overline{}$	A100 VESTIBULE	AUXILIARY USE	54 SF	0 OCC
		A101 CONFERENCE ROOM	15 PERSONS/ SF	115 SF	8 OCC
		A102 CONFERENCE ROOM	15 PERSONS/ SF	106 SF	7 OCC
		A103 INTERPRETER	100 PERSONS/ SF	78 SF	1 OCC
	L	A104 STAFF HALL	AUXILIARY USE	309 SF	0 OCC
3		A105 J3 COURT ROOM	40 PERSONS/ SF	1347 SF	34 OCC
		A106 AV CLOSET	300 PERSONS/ SF	85 SF	1 OCC
		A107 VESTIBULE	AUXILIARY USE	105 SF	0 OCC
		A109 STAFF HALL	AUXILIARY USE	338 SF	0 OCC
		A110 JUDGE'S CHAMBER	100 PERSONS/ SF	309 SF	3 OCC
		A111 STAFF RESTROOM	AUXILIARY USE	60 SF	0 OCC
		A112 EVIDENCE STORAGE	300 PERSONS/ SF	47 SF	1 OCC
		A113 JUDGE'S CHAMBER	100 PERSONS/ SF	309 SF	3 OCC
		A114 CLOSET	300 PERSONS/ SF	15 SF	1 OCC
		A115 RESTROOM	AUXILIARY USE	61 SF	0 OCC
		A116 CLOSET	300 PERSONS/ SF	15 SF	1 OCC
		A117 RESTROOM	AUXILIARY USE	61 SF	0 OCC

TOTAL NUMBER OF OCCUPANTS FOR NEW BUILDING EXITING: EXISTING BUILDING OCCUPANTS 275 OCC 334 OCC

NEW BUILDING AREA (FACE OF EXT WALLS)

TABLE 503 (ALLOWABLE HEIGHTS AND AREAS):

EXISTING I3 OCC, TYPE IIA CONSTRUCTION

ALLOWABLE AREA= 15,100 SF, SPRINKLER INCREASE x 3= 45,300 SF ALLOWABLE

2010 CODE DOES NOT PERMIT I3 IN TYPE IIA CONSTRUCTION; USE TYPE IB EXISTING EXTERIOR WALL CONSTRUCTION IS CMU: EXCEEEDS TYPE IB 2 HR REQ'MTS ROOF STRUCTURE AND INTERIOR WALL CONSTRUCTION UNDER TYPE IB ALLOWED 1 HR FOR ONE STORY FACILITIES PER TABLE 601; OTHER CRITERIA THE SAME

USE TYPE IB ALLOWS 15,000 SF PLUS FRONTAGE AND SPRINKLER INCREASES (SEE OVERALL SITE PLAN A0.1 FOR OUTLINE OF FRONTAGE (874') AND PERIMETER (1582')) 13 OCC, TYPE IB CONSTRUCTION

ALLOWABLE AREA= 15,100 + (15,100x874/1582- 0.25)+(15,100x3)=64,930 SF

ACTUAL BUILDING AREA = 14,202 SF

ALLOWABLE AREA= 9,000 SF, FRONTAGE AND SPRINKLER INCREASE X3= 9,000 + (9,000 x 874/1582 - 0.25) + (9,000 x 3)=38,722 SF ALLOWABLE

ACTUAL B OCC BUILDING AREA= 16,290 SF (E) + 2,598 SF ADDITION= 18,888 SF

ALLOWABLE AREA 6,000 IN VB CONSTRUCTION, FRONTAGE AND SPRINKLER INCREASE 6,000+1,815+18,000=25815 SF,

NON-SEPARATED USES B/A3

EXISTING 16,290 + 2,930 = 19,220/25,815= .74 < 1 ALLOWABLE

I3 + B/A3 NON SEPARATED < 1

14,202 / 64,930 + 19,220 / 25,815 .22 + .74 = .96 < 1 ALLOWABLE

2,598(B) + 1,347(A3) = 3,945 SF

3,945 / 25,815= .15 <1 ALLOWABLE PROVIDER FIRE WALL BETWEEN NEW & EXISTING TYPE B/A3

• 2 HR FIRE RESISTIVE CONSTRUCTION - TABLE 706.4

• 1 ½ HR DOOR/OPENING PROTECTION

30" HIGH PARAPET ON ROOF EXTENDING 2 HR FORE WALL ABOVE LOWER ROOF PLAN

ALLOWABLE HEIGHT IS 20'-0" FOR A3 + 20'-0" FOR SPRINKLER INCREASE=40'-0" ACTUAL HEIGHT IS 20'-6"

STORAGE AS ACCESSORY OCCUPANCY < 100 SF - NO SEPARATION REQUIRED

REQUIRED SEPARATION OF OCCUPANCIES I3 AND B IS 2 HOURS EXISTING TWO HOUR WALL IS PROVIDED BETWEEN 13 AND B OCCUPANCIES

EXISTING DOORS AND FRAMES IN 2 HOUR WALLS ARE 1-1/2 HR FIRE RATED

TABLE 601 INDICATES TYPE VB UNPROTECTED BUILDINGS TO HAVE: 0 HR PRIMARY STRUCTURAL FRAME

0 HR INTERIOR & EXTERIOR BEARING WALLS

0 HR FLOOR CONSTRUCTION & SECONDARY MEMBERS

0 HR ROOF CONSTRUCTION

EXTERIOR WALLS X>10'-0" REQUIRE NO RATING OF CONSTRUCTION FOR TYPE VB BLDGS EXTERIOR WALLS X<10'-0" REQUIRES 1-HOUR RATING

NOTE: TYPICAL CORRIDOR CONSTRUCTION IS TUNNEL CONSTRUCTION

WINDOWS MAY BE UNPROTECTED IN FIRE SPRINKLERED BUILDING AND OF UNLIMITED AREA WITH 20'-0" OR MORE SEPARATION BETWEEN STRUCTURES

PARAPETS NOT REQUIRED WHERE EXTERIOR WALL NOT FIRE RESISTIVE CONSTRUCTION SECTION 709, FIRE PARTITIONS:

FIRE PARTITIONS REQUIRED AT CORRIDOR WALLS < 30 PEOPLE WITH FIRE SPRINKLERED BUILDING- NO RATING REQUIRED

≥ 30 PEOPLE REQUIRES 1-HOUR RATING OF CORRIDOR/ LOBBY

INTERIOR FINISHES SHALL CONFORM TO CLASS C AS A MINIMUM FOR CORRIDORS AND ALL ENCLOSED SPACES

INTERIOR FLOOR FINISHES TO BE CLASS II PER NFPA 253

MAXIMUM DISTANCE TO A FIRE EXTINGUISHER SHALL BE 75 FEET, MINIMUM (1) REQUIRED FOR ADDITION OF 3,865 SF

ACCESS CONTROL IS ALLOWED WITH EXIT ONTO OPEN AREA

DELAYED EGRESS ALLOWED FOR B & I3 OCCUPANCY

RAMPS ARE ALLOWED AS A MEANS OF EGRESS WITH SLOPE <1:12

EXIT THROUGH INTERVENING ROOMS ALLOWED IF ACCESSORY TO MAIN SPACE

MAXIMUM TRAVEL DISTANCE ALLOWED: OCC B, SPRINKLERED 300'-0"

ACTUAL DISTANCE BETWEEN EXITS IS 170'-0"

CORRIDORS FOR B OCCUPANCY W/SPRINKLERS HAVE NO RATING REQUIREMENT

BUILDING LOCATION & SITE PARKING

107 PARKING STALLS PROVIDED-

5 OF WHICH IS TO BE ACCESSIBLE 1 OF WHICH IS TO BE CLEAN AIR VEHICLE 2010 CPC (CALIFORNIA PLUMBING CODE):

PLUMBING REQUIREMENTS

B OCCUPANCY, TABLE 4.1 W/ REFERENCE TABLE A (I3 OCCUPANCY AREA HAS EXISTING RESTROOMS WHICH ARE MAINTAINED SEPARATELY AND

NEW B OCC = 23,165 SF, STAFF AND PUBLIC AREAS

NOT INCLUDED IN THE CALCULATIONS BELOW)

STAFF:

STAFF AREA=14,665 SF / 200= 74 OCCUPANTS 50% MALE 50% FEMALE

WC WC 4 URINAL LAV LAV 1

TOTAL PROVIDED PROVIDED (UNISEX): WC WC 2 WC 4 WC URINAL URINAL

LAV 4

LAV

PUBLIC:

LAV

PUBLIC AREA = 8,500 SF / 200= 43 OCCUPANTS 50% FEMALE 50% MALE

WC WC 3 URINAL LAV 1

DRINKING FOUNTAIN REQUIRED: HIGH/LOW, 1 TOTAL FOR 150 PEOPLE

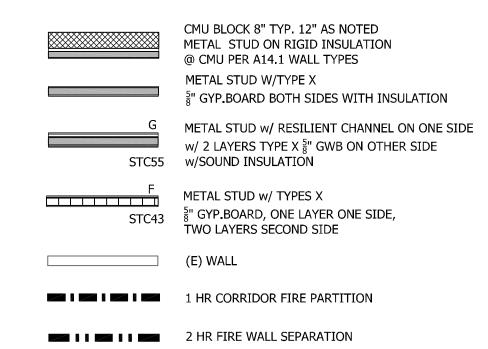
LAV 2

LAV 2

PROVIDED (FEMALE): WC 3

DRINKING FOUNTAIN PROVIDED: 1 HIGH/LOW COMBO UNIT

LEGEND



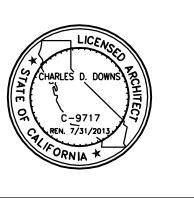
KEYNOTE LEGEND

| FE-R | - | FIRE EXTINGUISHER IN RECESSED CABINET

CASEWORK

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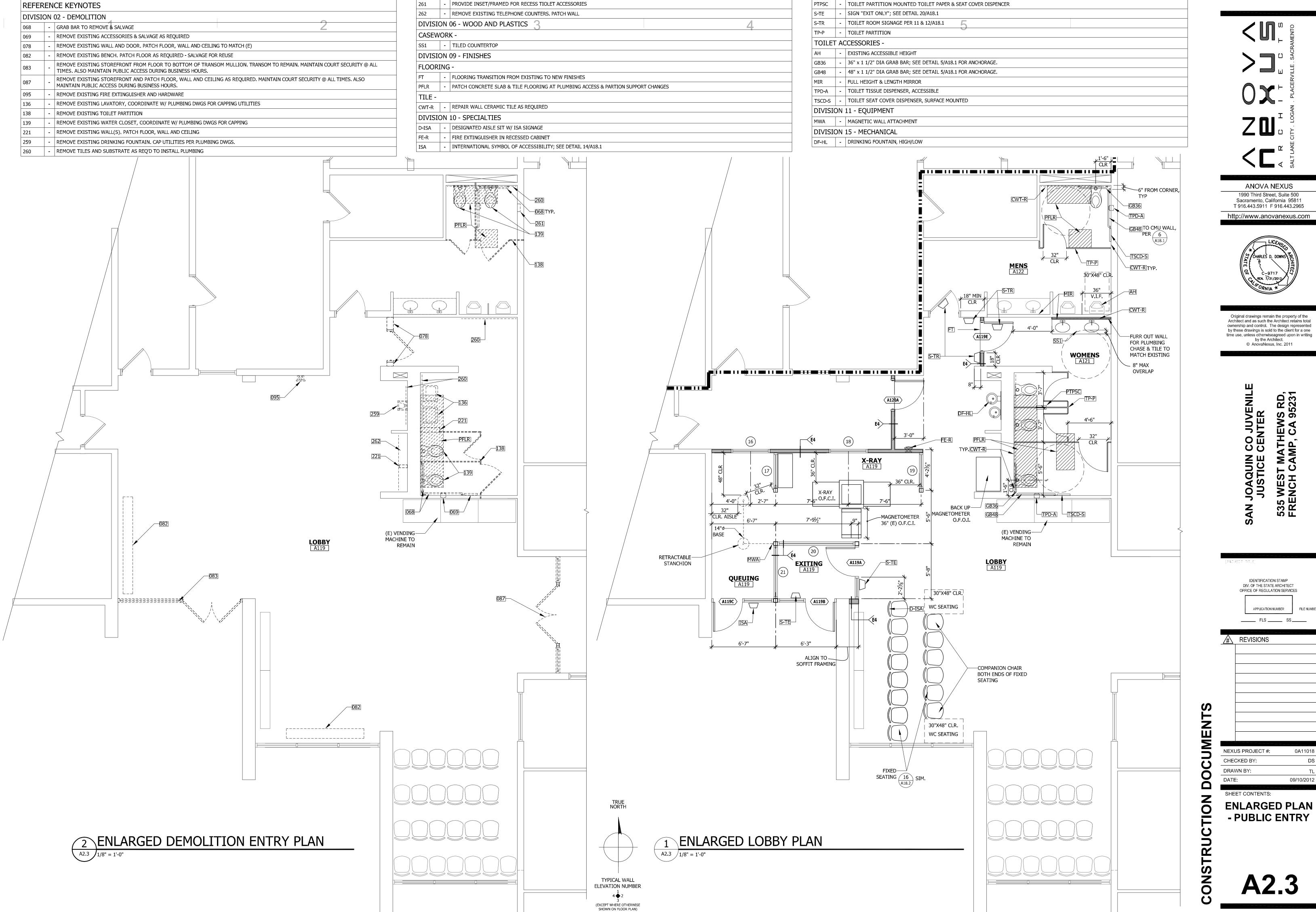
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SHEET CONTENTS:

CODE SHEET-ENLARGED

FLOOR PLAN

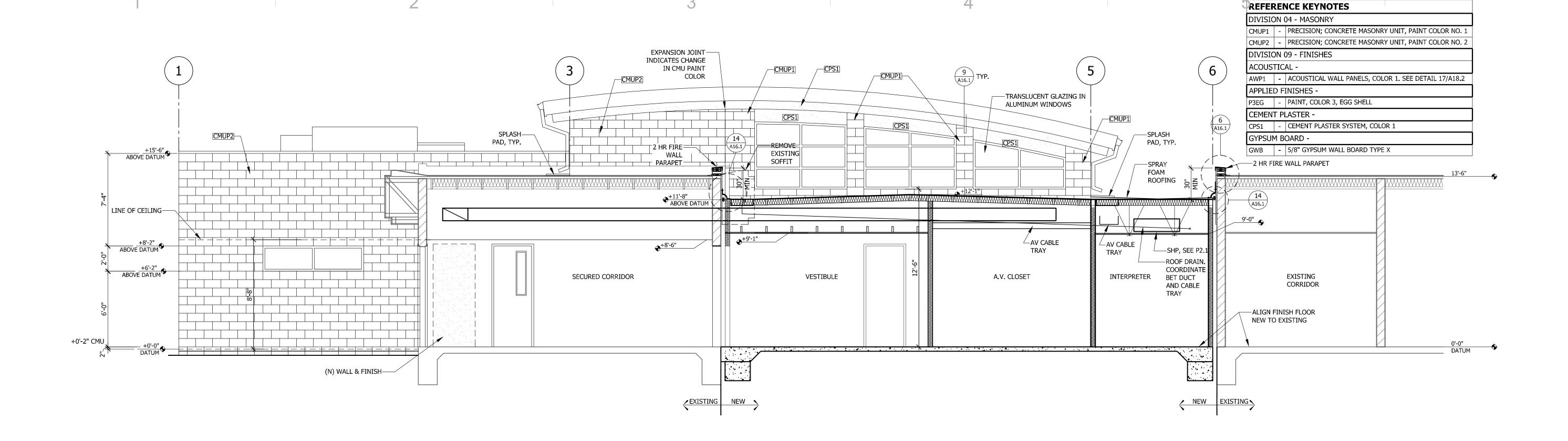
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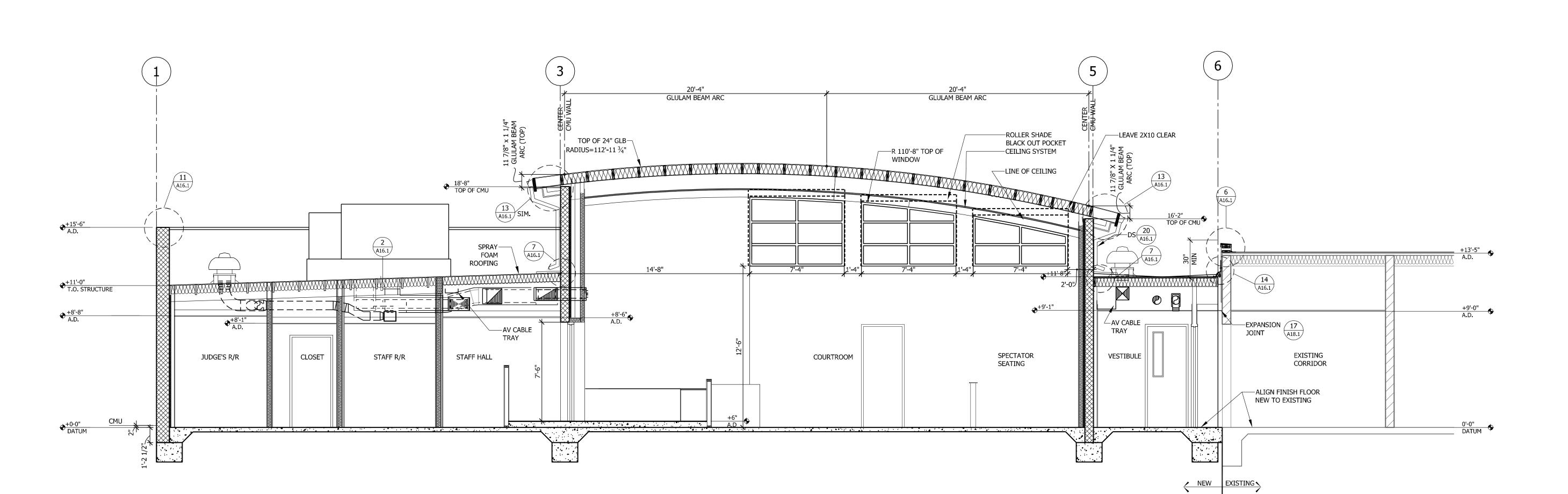




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ENLARGED PLAN - PUBLIC ENTRY







A SECTION A AND WEST ELEVATION

SALT LAKE CITY. LOGAN . PLACERVILLE . SACRAMENTO

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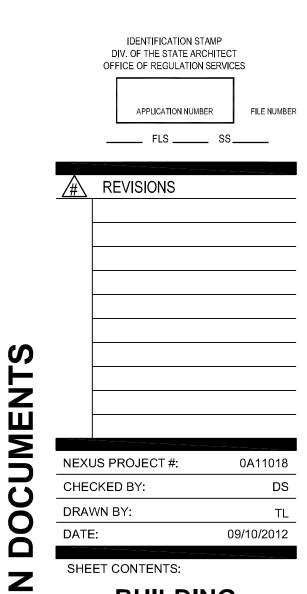
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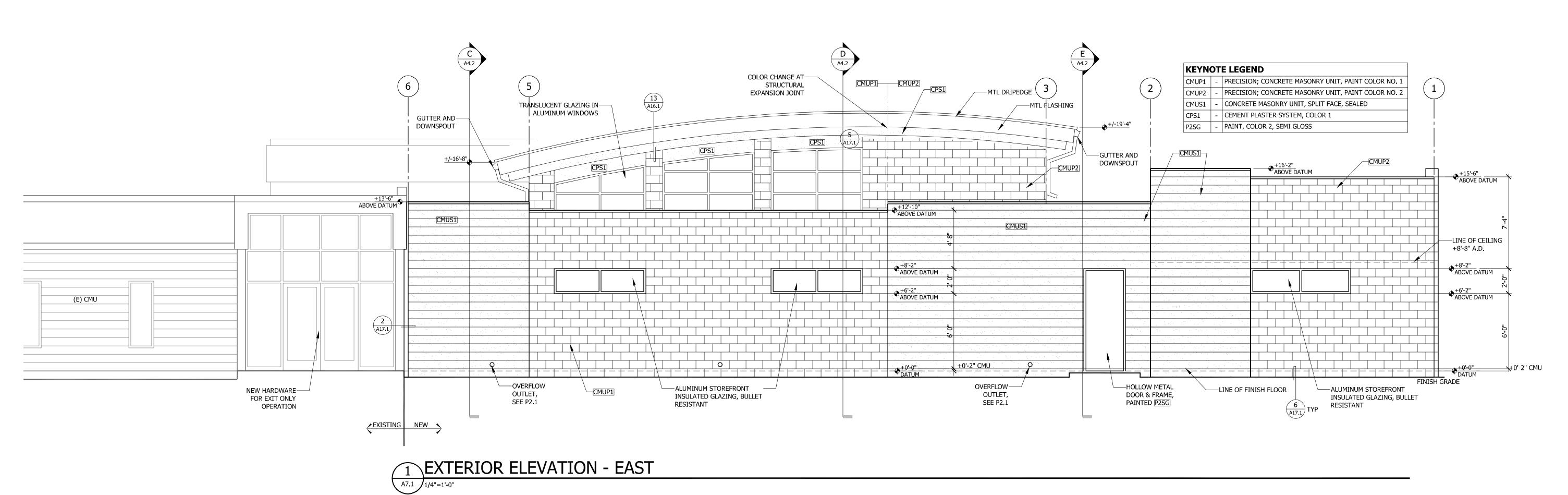
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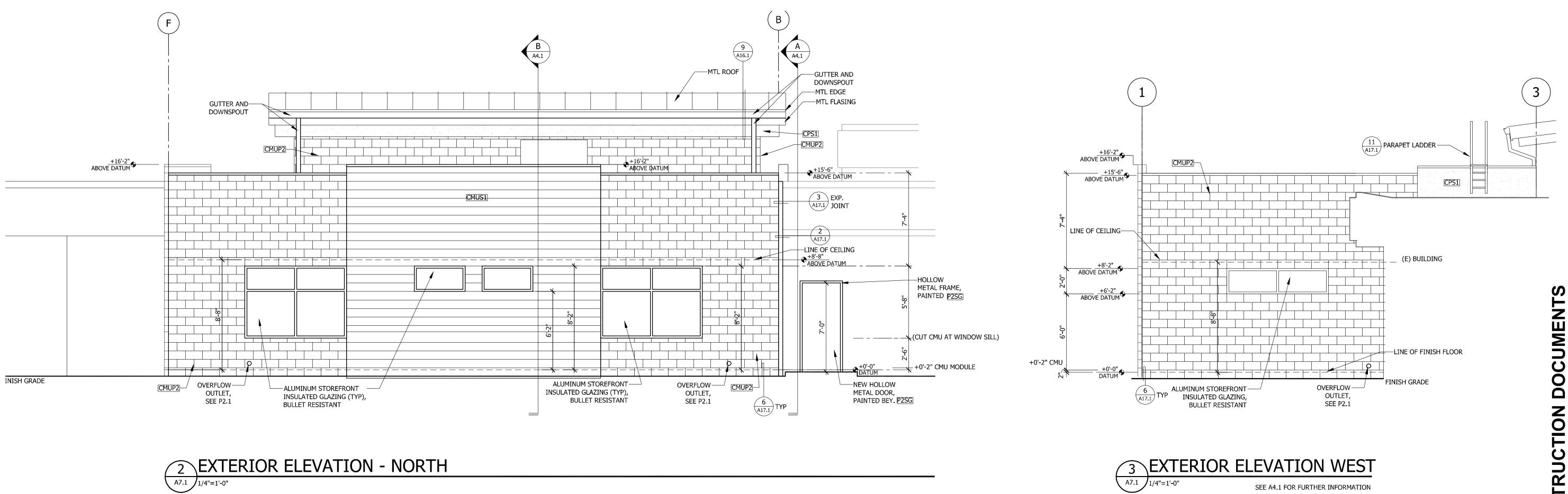


SHEET CONTENTS:

BUILDING
SECTIONS

A4.1

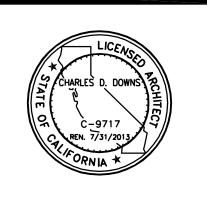




EXTERIOR ELEVATION WEST SEE A4.1 FOR FURTHER INFORMATION

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EXTERIOR ELEVATIONS

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