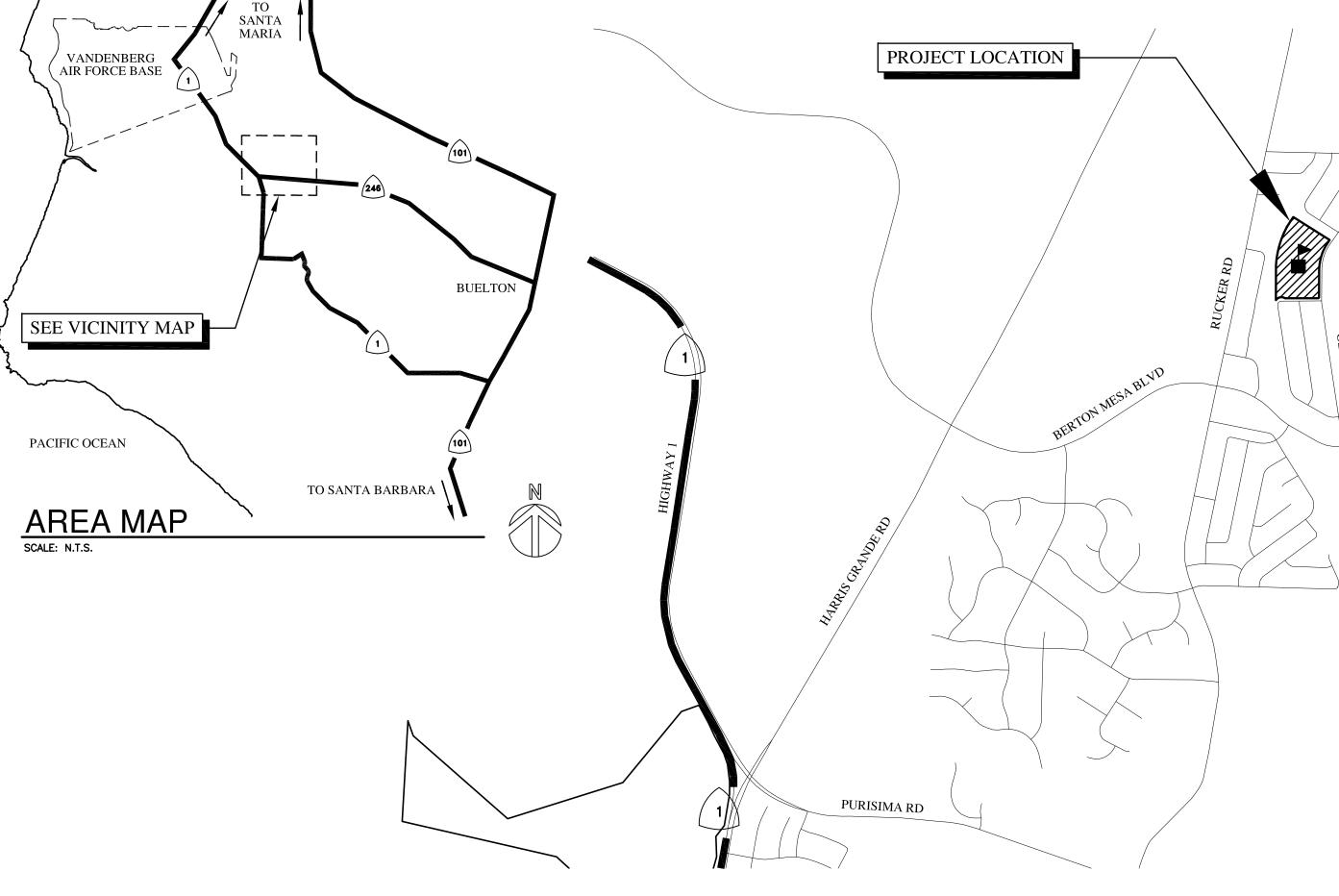
# LOMPOC UNIFIED SCHOOL DISTRICT LOS BERROS ELEMENTARY SCHOOL BUILDING 'E' WINDOWS 3745 VIA LATO, LOMPOC, CA 93436



### GENERAL REQUIREMENTS:

- 1. ALL WORK SHALL CONFORM TO 2019 TITLE 24, CALIFORNIA CODE OF **REGULATIONS (CCR).**
- 2. CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHAGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR
- 3. A 'DSA CERTIFIED' CLASS 1 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
- 4 WHENEVER DSA FINDS ANY CONSTRUCTION WORK IS BEING PERFORMED I A MANNER CONTRARY TO THE PROVISIONS OF CALIFORNIA BUILDING CODE AND THAT WOULD COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING, THE DEPARTMENT OF GENERAL SERVICES, STATE OF CALIFORNIA. IS AUTHORIZED TO ISSUE A STOP WORK ORDER PER SECTION 4-334.1 CALIFORNIA ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
- 5. TITLE 24, PARTS 1-5 AND 9 MUST BE KEPT ON SITE DURING CONSTRUCTION
- 6. SUBMIT RFI'S TO DESIGN TEAM IN CASE OF INCONSISTENCIES BETWEEN APPROVED DRAWINGS AND APPROVED SPECIFICATIONS IN THE DESCRIPTIONS OF WORK TO BE DONE, EQUIPMENT TO BE PROVIDED OF MATERIAL TO BE USED. IT SHALL BE THAT THE MORE STRINGENT, THE MORE RESTRICTIVE, THE HIGHER QUALITY, AND THE GREATER QUANTITY OF WORK SHALL APPLY. SUBMIT REVISED DRAWINGS OR SPECIFICATIONS AS RESULT OF SUCH RFI'S TO DSA VIA CCD'S IF REQUIRED BY IR A-6.
- 7. ALL STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING MATERIALS INSTALLATION TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S RECOMMENDATIONS.
- 8. THE PROJECT INSPECTOR (PI) SHALL WITNESS AND VERIFY GROUNDING. 9. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS
- REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

### GENERAL NOTES

- 1. ANY DIFFERENCE BETWEEN THE EXISTING CONSTRUCTION AS OBSERVED IN THE FIELD AND AS SHOWN ON THE DRAWINGS SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- 2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND COORDINATING ALL DIMENSIONS. REVIEW BUILDING LAYOUT WITH ARCHITECT BEFORE STARTING ANY FOOTING EXCAVATION OR FOUNDATION WORK.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL SITE CONDITIONS REGARDLESS OF INFORMATION SHOWN ON THE DRAWINGS. DISCREPANCIES BETWEEN CONDITIONS SHOWN OR NOT SHOWN ON DRAWINGS AND ACTUAL EXISTING VISIBLE, DISCERNABLE CONDITIONS AT THE JOB SITE, DO NOT RELIEVE THE CONTRACTOR FROM PERFORMING THE WORK OF THIS CONTRACT IN FULL CONFORMANCE WITH THE CONTRACT DOCUMENTS.
- 4. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INSURE THAT ALL APPLICABLE SAFETY LAWS ARE STRICTLY ENFORCED AND TO MAINTAIN A SAFE CONSTRUCTION PROJECT.
- 5. BIDDERS MUST VISIT THE BUILDING SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS TO PROVIDE A PROJECT COMPLETE IN EVERY DETAIL AND READY FOR OCCUPANCY. DISCREPANCIES OR DELETIONS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE THE BID DATE FOR CORRECTION.
- 6. ANY DAMAGE DONE TO THE EXISTING SITE OR FACILITIES DURING THE COURSE OF THE WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE WITH NO ADDITIONAL COST TO THE OWNER.
- 7. BIDDERS SHALL ASSUME THAT ALL ITEMS INDICATED ON THE DRAWINGS ARE NEW CONSTRUCTION IF NOT INDICATED WITH AN (N) OR "NEW", UNLESS INDICATED AS "(E)" OR "EXISTING".
- 8. ALL NEW WORK SHALL MATCH EXISTING IN KEEPING WITH GOOD CONSTRUCTION PRACTICE. IT IS THE INTENT OF THESE DOCUMENTS THAT THE PORTION OF THE SURFACE WHICH HAS BEEN INSTALLED, REPAIRED OR REPLACED, SHALL MATCH THE EXISTING ADJACENT SURFACES, AND THAT THE NEW WORK WILL NOT BE DISCERNABLE FROM THE EXISTING.
- 9. WHERE MINIMUM DIMENSIONS ARE INDICATED, EXISTING DIMENSIONS IN EXCESS OF THAT SHOWN MAY BE RETAINED UNLESS OTHERWISE NOTED.
- 10. CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ALL OMISSIONS AND CONFLICTS BETWEEN THE ELEMENTS OF THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THE WORK INVOLVED.
- 11. CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, LANDSCAPE SITE FEATURES TO REMAIN. ALL DAMAGED WORK SHALL BE REPLACED WITH THE SAME MATERIALS. INCLUDING MATCHING THE EXISTING COLORS AND TEXTURES BY THE CONTRACTOR AT HIS OWN EXPENSE WITH NO ADDITIONAL COST TO THE DISTRICT.
- 12. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- 13. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN THE DRAWINGS OR ACCEPTED BY THE ARCHITECT AND STRUCTURAL ENGINEER WITH THE APPROVAL OF DSA REPRESENTATIVE.
- 14. CONTRACTOR SHALL COMPLY WITH CFC CHAPTER 33 FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.



PART 1	2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), TITLE 24 C.C.R.	
PART 2	2019 CALIFORNIA BUILDING CODE (CBC), TITLE 24 C.C.R.	
PART 3	2019 CALIFORNIA ELECTRICAL CODE (CEC), TITLE 24 C.C.R.	
PART 4	2019 CALIFORNIA MECHANICAL CODE (CMC), TITLE 24 C.C.R.	
PART 5	2019 CALIFORNIA PLUMBING CODE (CPC), TITLE 24 C.C.R.	
PART 6	2019 CALIFORNIA ENERGY CODE, TITLE 24 C.C.R.	
PART 8	2019 CALIFORNIA HISTORICAL BUILDING CODE, TITLE 24 C.C.R.	
PART 9	2019 CALIFORNIA FIRE CODE (CFC), TITLE 24, C.C.R.	
PART 10	2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), TITLE 24, C.C.R.	
PART 11	2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN),	TITLE 24, C.C.R.
PART 12	2019 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24, C.C.R.	
PART 13	PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS, TITLE 19, C.C.R	
PART 14	2010 ADA STANDARD FOR ACCESSIBILITY DESIGN	
PARTIAL I	IST OF APPLICABLE STANDARDS:	
NFPA 13 I	NSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)	2016 EDITION
NFPA 14 I	NSTALLATION OF 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 I	NSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION	2016 EDITION
NFPA 22 \	VATER TANKS FOR PRIVATE FIRE PROTECTION	2013 EDITION
NFPA 24 I	NSTALLATION OF PRIVATE FIRE SERVICE MAINS AND	
THEIR AP	PURTENANCES (CA AMENDED)	2016 EDITION
NFPA 72 I	NATIONAL FIRE ALARM & SIGNALING CODE (CA. AMENDED)	2016 EDITION
NFPA 80 I	FIRE DOOR AND OTHER OPENING PROTECTIVES	2016 EDITION
NFPA 200	1 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED)	2015 EDITION
UL 300 FI	RE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR	
PROTECT	ION OF COMMERCIAL COOKING EQUIPMENT	2005 (R2010)
UL 464 AL	JDIBLE SIGNALING DEVICES FOR FIRE ALARM AND	
SIGNALIN	G SYSTEMS, INCLUDING ACCESSORIES	2003 EDITION
UL 521 HE	AT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 EDITION
UL 1971 S	IGNALING DEVICES FOR THE HEARING IMPAIRED	2002 (R2012)
ICC 300 B	LEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS	2017 EDITION

NATIONAL REFERENCE STANDARDS: AISC SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS (ANSI/AISC 341-16) AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (ANSI/AISC 360-16)

STATE BUILDING CODE (Part 1, Title 24, C.C.R.)

### LOMPOC VICINITY MAP SCALE: N.T.S.

### APPLICABLE CODES

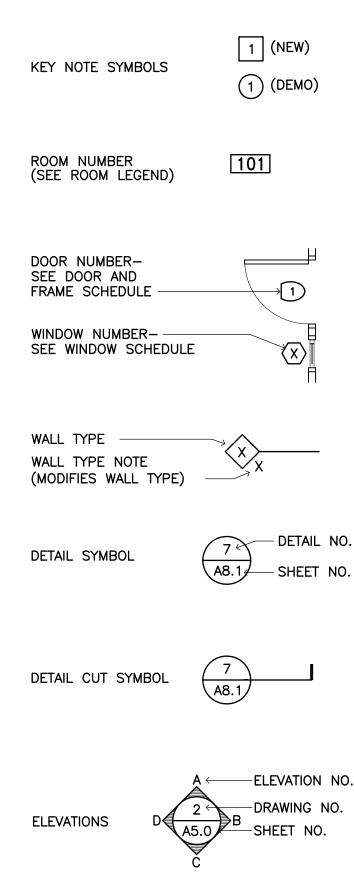
ON SHALL	COMPLY	WITH <sup>.</sup>	THE F	ollow	NG:

NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION

(ANSI/AWS NDS 2015) ACI-318-14 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

"The intent of these drawings and specification is that the work of the alteration, rehabilitation or reconstruction is to be in accordance with Title 24, California Code of Regulations. Should any existing conditions such as deterioration or noncomplying construction be discovered which is not covered by the contract documents wherein the finished work will not comply with Title 24, California Code of Regulations, a Construction Change Document (CCD), or a separate set of plans and specifications, detailing and specifying the required work shall be submitted to and approved by the Division of the State Architect before proceeding with the work. (Section 4-317(c), Part 1, Title 24, CCR)"

### SYMBOLS LEGEND

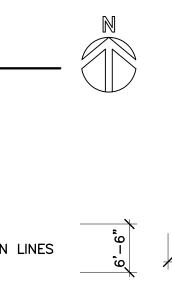


— DETAIL NO. - SHEET NO

CENTER LINE

MATCHLINE SYMBOL

SECTION/ ELEVATION NO.



ACCESSIBLE WHEELCHAIR SPACE, 30"W x 48"D CLEAR FLOOR SPACE. 27"H CLEAR KNEE SPACE MIN. 34"H MAX. TO TOP OF TABLE/COUNTER.

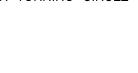
**30**"

48"

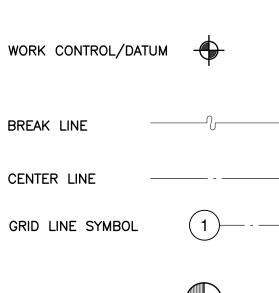
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INDICATES REQUIRED CLR. FLR SPACE AT DOOR OPENINGS.



**REVISION NO.-REVISION MARK** AREA OF REVISION -

PROJECT REFERENCE NORTH



GENERAL G-001 TITLE SHEET

ARCHI	TECTURAL
A-100	SITE PLAN
A-101	ADA DETAILS
A-201	BUILDING 'E' FI

A-201	BUILDING 'E' FLOOR PLAN
A-301	BUILDING 'E' EXTERIOR ELEVATIONS
A-401	WINDOW SCHEDULE
A-800	WINDOW DETAILS

STRUCTURAL S-001

STRUCTURAL GENERAL NOTES, SPECIAL INSPECTIONS FOUNDATION PLAN S-201 ROOF FRAMING PLAN S-202 STRUCTURAL DETAILS S-301

TOTAL SHEET COUNT:

## PROJECT TEAM

ARCHITECT KRUGER BENSEN ZIEMER ARCHITECTS, INC. 199 FIGUEROA STREET, SUITE 100A, VENTURA, CA 93001 OFFICE: (805) 650-1033 PRINCIPAL-IN-CHARGE: TODD A. JESPERSEN, AIA EMAIL ADDRESS: toddj@kbzarch.com PROJECT TEAM: JONATHAN D. LEE EMAIL ADDRESS: jonathanl@kbzarch.com

STRUCTURAL STORK, WOLF & ASSOCIATES, INC. 555 CHORRO ST, SUITE A1, SAN LUIS OBISPO, CA 93405 OFFICE: (805) 548-8600 STRUCTURAL ENGINEER: GREG STORK EMAIL ADDRESS: greg@swa-engineers.com

# PROJECT DATA

PROJECT LOCATION : 3745 VIA LATO, LOMPOC, CA 93436 FIRE DISTRICT : COUNTY OF SANTA BARBARA BUILDING OCCUPANCY : E BUILDING CONSTRUCTION TYPE : V-B (NON-SPRINKLERED) PROJECT AREA: 7,500 SQ. FT. NO NEW SQUARE FOOTAGE

# PROJECT SCOPE

WORK THIS PROJECT INCLUDES THE FOLLOWING: 1. DEMOLITION OF PORTIONS OF EXISTING WALLS (NON-SHEAR) TO CREAT NEW WINDOW OPENINGS.

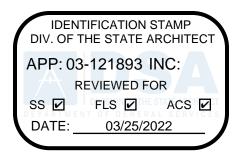
2. INSTALLATION OF NEW METAL WINDOWS AND ASSOCIATED ROUGH AND FINISH CARPENTRY.

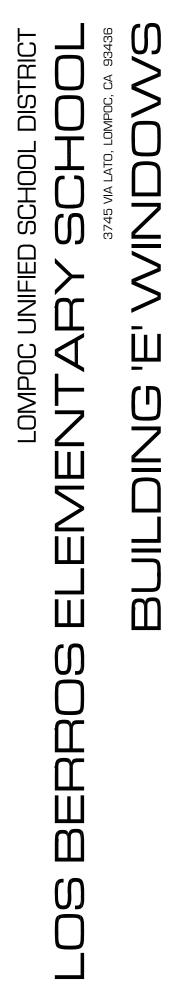
3. PATCH-BACK OF INTERIOR AND EXTERIOR SURFACES ADJACENT TO NEW WINDOWS, TO MATCH EXISTING.

- 4. REPLACEMENT OF EXISTING RESTROOM SIGNAGES.
- 5. INSTALLATION OF NEW PARKING LOT ENTRANCE SIGNAGE. 6. REMOVAL OF EXISTING ADA NON-COMPLAINT GATES AND INSTALL NEW ACCESSIBLE GATES WITH PANIC HARDWARE.

## OWNER

LOMPOC UNIFIED SCHOOL DISTRICT 1301 N A ST, LOMPOC, CA 93436 OFFICE: (805) 742-3300







KRUGER BENSEN ZIEMER ARCHITECTS, INC. AIA 199 FIGUEROA STREET SUITE 100A VENTURA CA 93001 TELEPHONE (805) 650-1033 www.kbzarch.com TODD A. JESPERSEN, A.I.A.

PRINCIPAL-IN-CHARGE JONATHAN D. LEE ARCHITECTURAL ASSISTANT

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ENGINEER'S

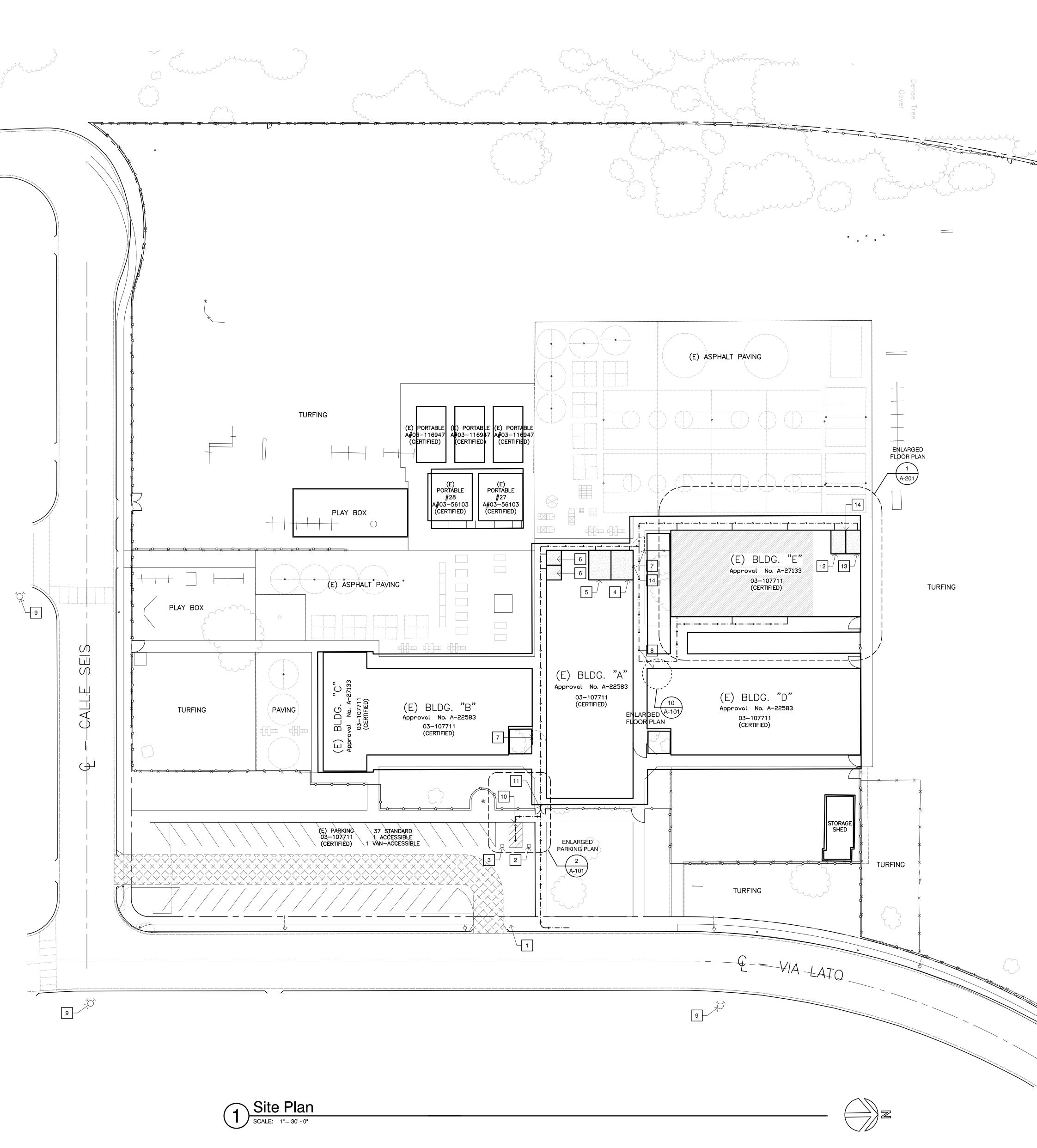
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SHEET TITLE SHEET TITLE





# SITE PLAN KEYNOTES

(N) PARKING LOT ENTRANCE SIGN IN COMPLIANCE WITH THE CURRENT ACCESSIBILITY CODE REQUIREMENTS A-101/ (E) VAN ACCESSIBLE PARKING SPACE IN COMPLIANCE WITH (2) (E) THE CURRENT ACCESSIBILITY CODE REQUIREMENTS (2)A-101 (E) ACCESSIBLE GIRLS RESTROOM (03-107711, 03-116947 CERTIFIED) A-101/ (E) ACCESSIBLE BOYS RESTROOM (03-107711, 03-116947 CERTIFIED) \A-101/ (E) ACCESSIBLE ALL-GENDER RESTROOM4(03-107711, 03-116947 CERTIFIED)4 \A-101/ 7 (E) CHAIN-LINK GATE TO BE REMOVED 8 (E) HI-LO DRINKING FOUNTAIN (ADULT SIZE) (03-107711 CERTIFIED) A-101 9 (E) FIRE HYDRANT 10 (E) CURB RAMP \A-101 

 Image: Text of the second state of (E) ACCESSIBLE GIRLS RESTROOM (1) (03-107711 CERTIFIED) (E) ACCESSIBLE BOYS RESTROOM (03-107711 CERTIFIED) A-201 (E) HI-LO DRINKING FOUNTAIN (ELEMENTARY SIZE) (A-101) (03-107711 CERTIFIED)

### GENERAL NOTES

- 1. PROTECT ALL EXISTING STRUCTURES, UTILITIES & LANDSCAPING DURING CONSTRUCTION. 2. PLANS WERE PREPARED USING AS-BUILT DRAWINGS RECEIVED
- FROM THE SCHOOL DISTRICT. THE CONTRACTOR SHALL FIELD VERIFY EXISTING ACTUAL CONDITIONS PRIOR TO START OF WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES . 3. CAMPUS-WIDE MODERNIZATION UNDER A-03-107711 (CERTIFIED).

PATH OF TRAVEL PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER FREE ACCESS IS AT LEAST 48 WIDE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1.2 MAX. SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4"VERTICAL AND IS AT LEAST 48 INCHES WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE NOTED. P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80' MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT. PATH OF TRAVEL (POT) AS VERIFIED BY ARCHITECT IS: A COMMON BARRIER FREE ACCESSIBLE ROUTE AT LEAST 48" WIDE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4"VERTICAL. • THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. • PASSING SPACES AT LEAST 60" X 60" ARE LOCATED NOT MORE THAN 200' APART. CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS NOT MORE THAN 400' APART. CBOSS-SLOPE DOES NOT EXCEED 2% SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED AS A RAMP. • MAINTAIN POT FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM, PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL OR EDGE AND 27" ABOVE FINISH GRADE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY PEDESTRIAN WAYS AT PATH OF TRAVEL, GRID/OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2" MAX. IN THE DIRECTION

GATES AND DOORS SERVING THE MEANS OF EGRESS SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 1008. GATES USED AS A COMPONENT IN A MEANS OF EGRESS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS FOR DOORS. PROVIDE LEVER HARDWARE AND KICKPLATE. FIRE AND LIFE SAFETY MAY REQUIRE PANIC HARDWARE FOR EMERGENCY EXITING EVEN WITH THE SIGN. COORDINATE WITH FIRE AND LIFE SAFETY REQUIREMENTS. VERIFY AND ADJUST THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS TO BE 5 LBS MAXIMUM. 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

COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION

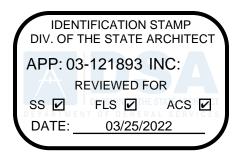
PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON COMPLIANT 1. HAVE BEEN IDENTIFIED 2. THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NON CONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO

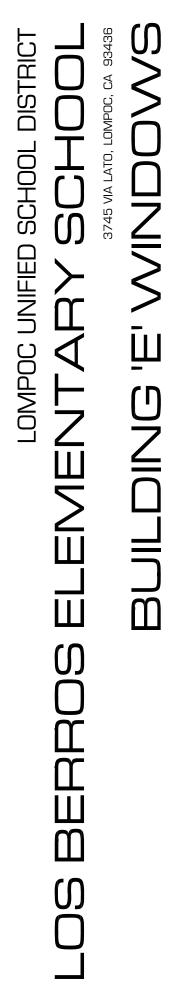
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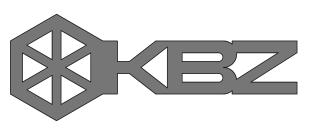
CHANGE DOCUMENT.

OF TRAFFIC FLOW

- (E) BUILDING
- PROJECT SCOPE
- (E) ACCESSIBLE RESTROOM
- (E) 20'-0" WIDE FIRE ACCESS LANE (03-107711 CERTIFIED)
- \_\_\_\_\_ (E) FENCE
- ❤ (E) FIRE HYDRANT







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JONATHAN D. LEE ARCHITECTURAL ASSISTANT

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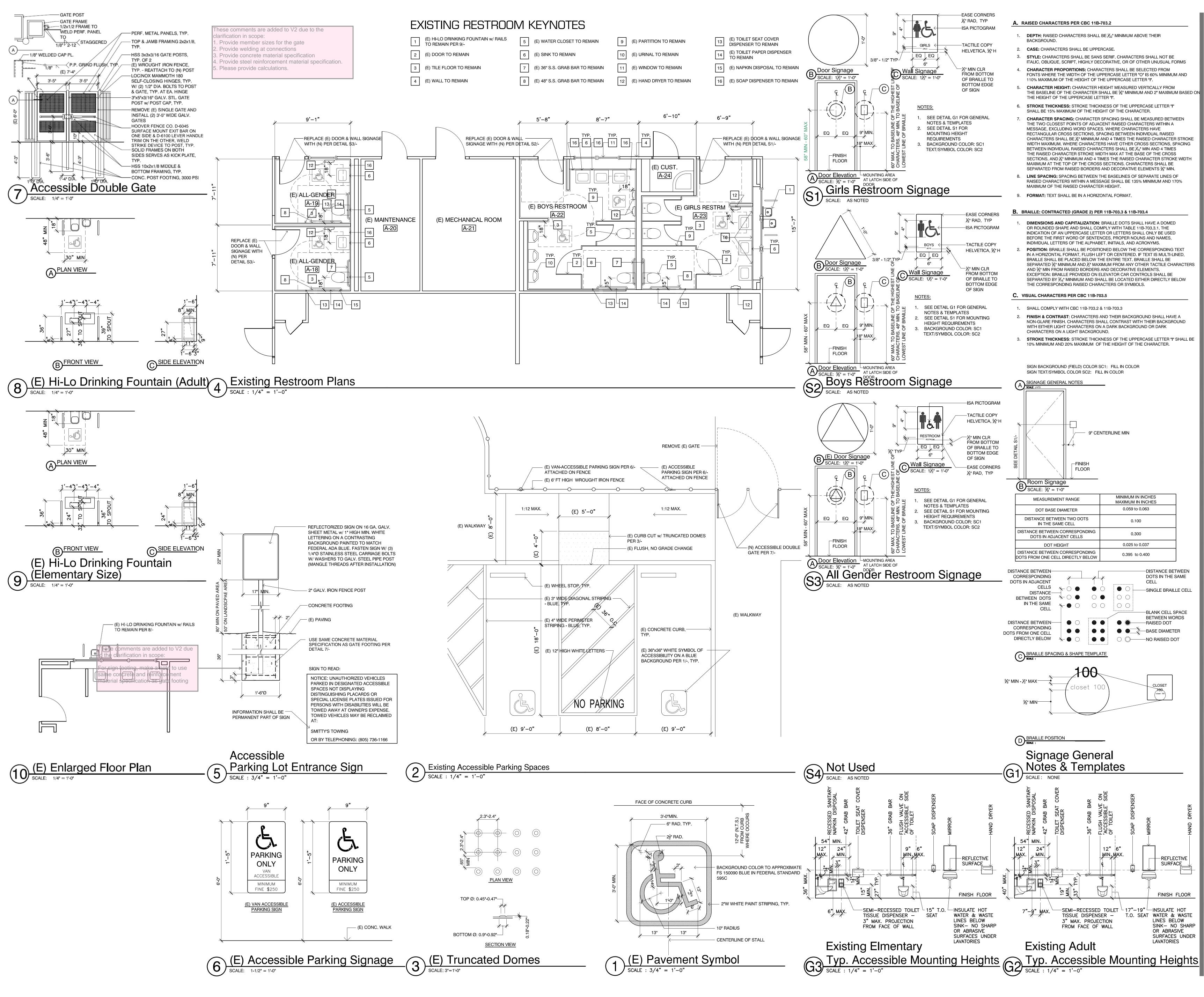
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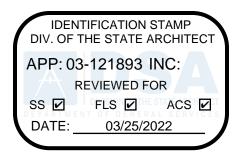


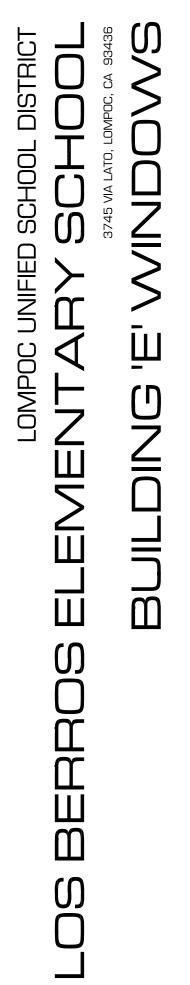
-/-/-<u>\_\_\_</u> 4-/-/-∕3∖ <u>/2/</u> -/-/-REVISION DESCRIPTION DATE DRAWN JL CHECKED TJ DATE 11/3/2021 JOB. NO. 21034 SHEET SITE PLAN TITLE





SHEET







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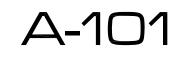
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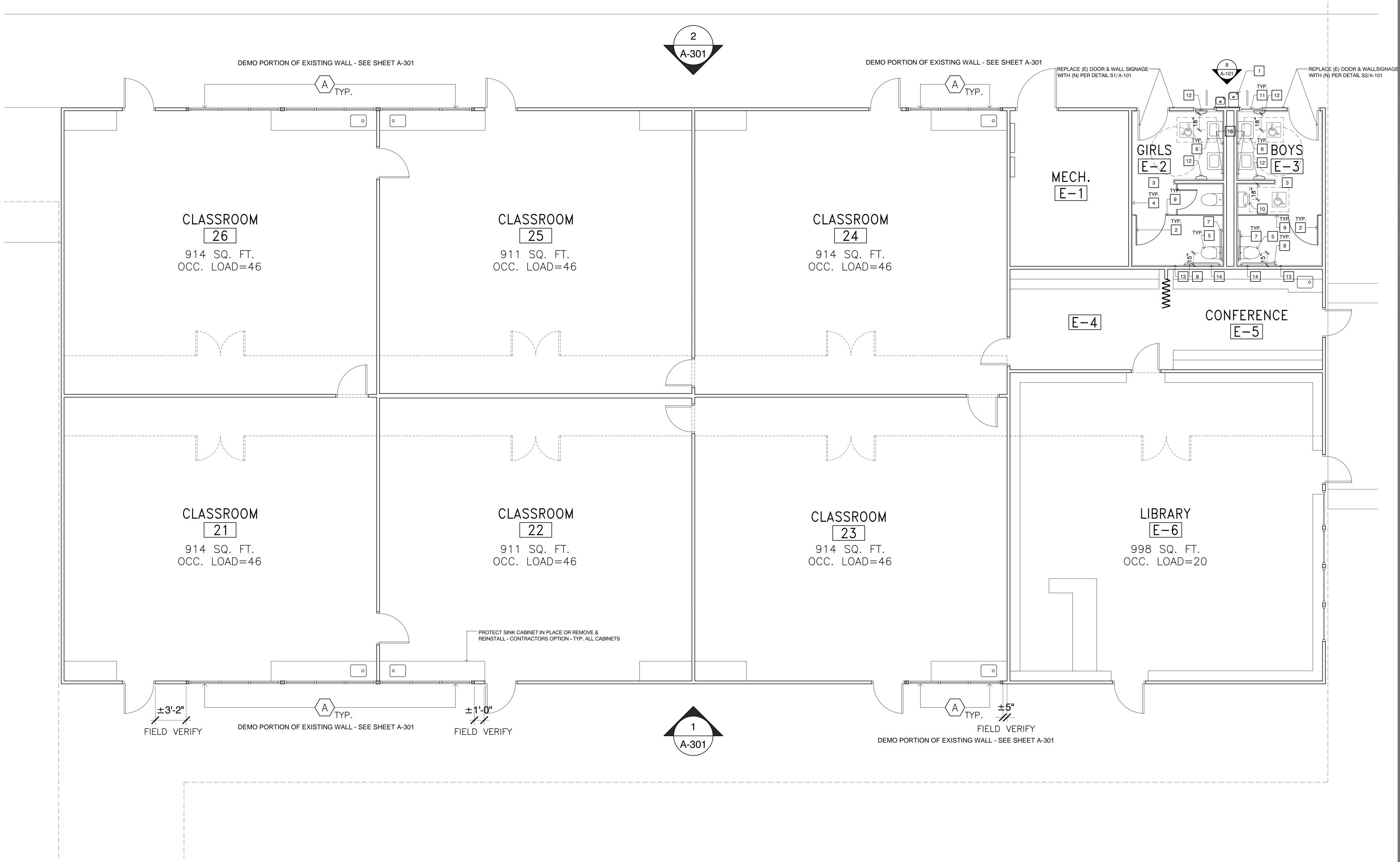
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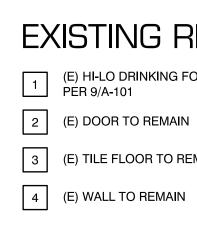
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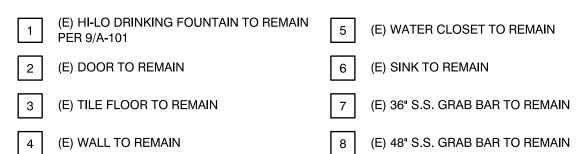








# EXISTING RESTROOM KEYNOTES



6 (E) SINK TO REMAIN 7 (E) 36" S.S. GRAB BAR TO REMAIN

9 (E) PARTITION TO REMAIN

10 (E) URINAL TO REMAIN 11 (E) WINDOW TO REMAIN

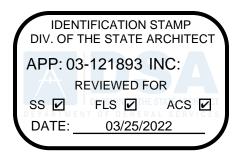
12 (E) HAND DRYER TO REMAIN

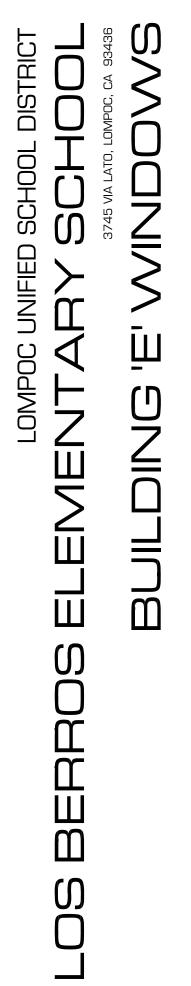
13 (E) TOILET SEAT COVER DISPENSER TO REMAIN 14 (E) TOILET PAPER DISPENSER TO REMAIN

15 NOT USED

16 (E) SOAP DISPENSER TO REMAIN









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ENGINEER'S STAMP & SIGNATURE

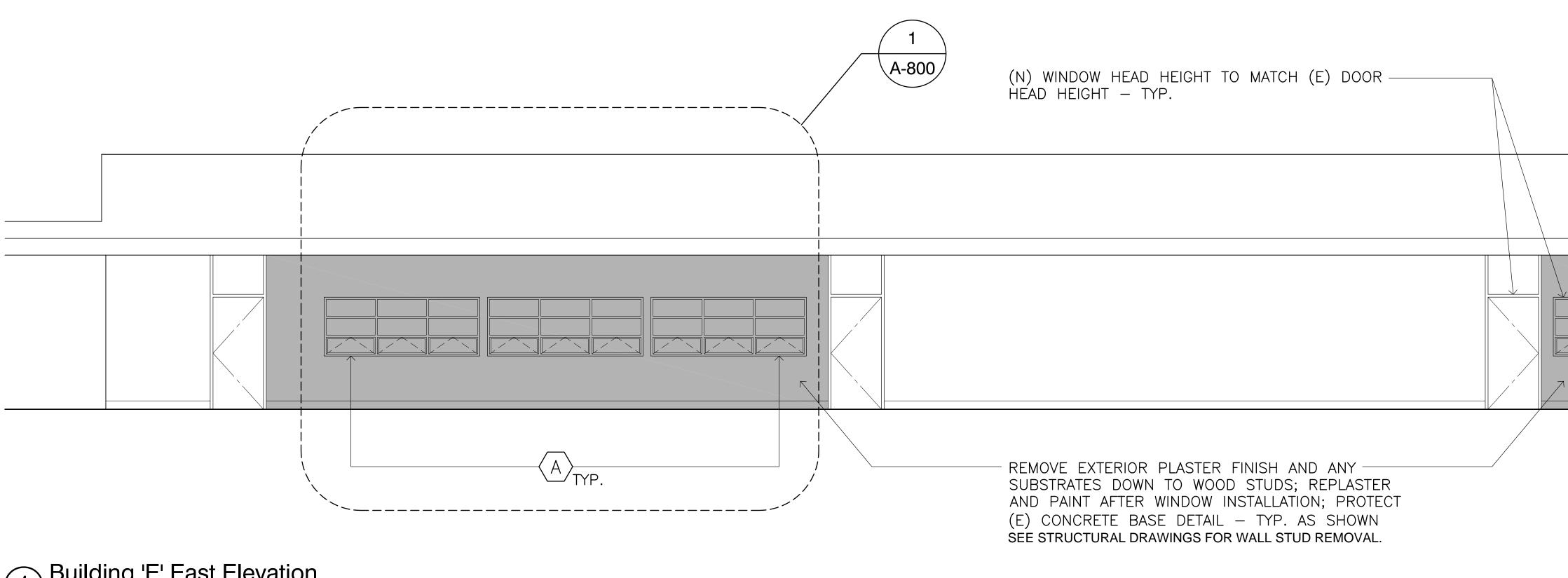


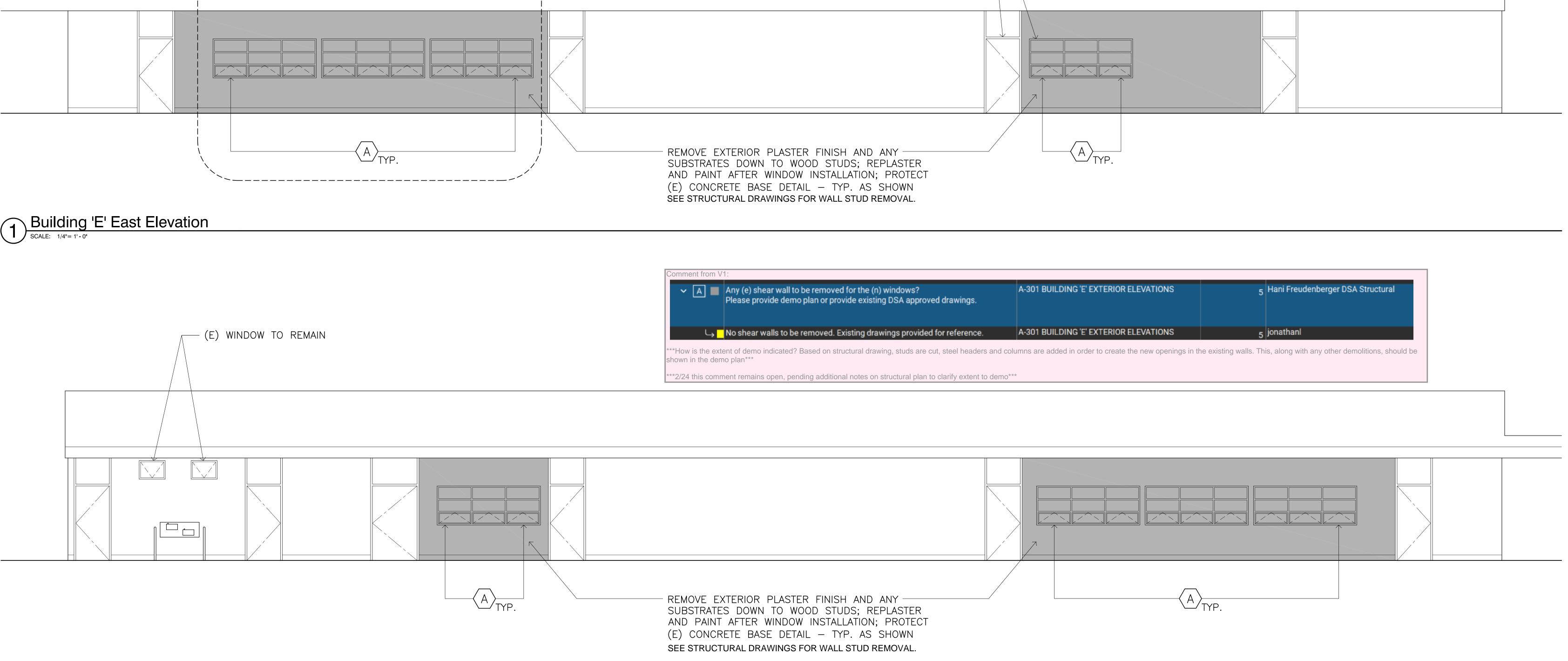
<u>-</u> -/-/- XX 4-/-/- XX  $\bigtriangleup$ -/-/-2 --/-/-1-/-/-XX **REVISION DESCRIPTION** DATE DRAWN JL CHECKED TJ DATE 11/3/2021

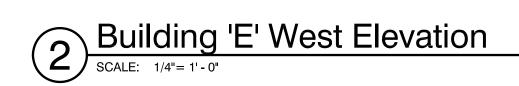
JOB. NO. 21034

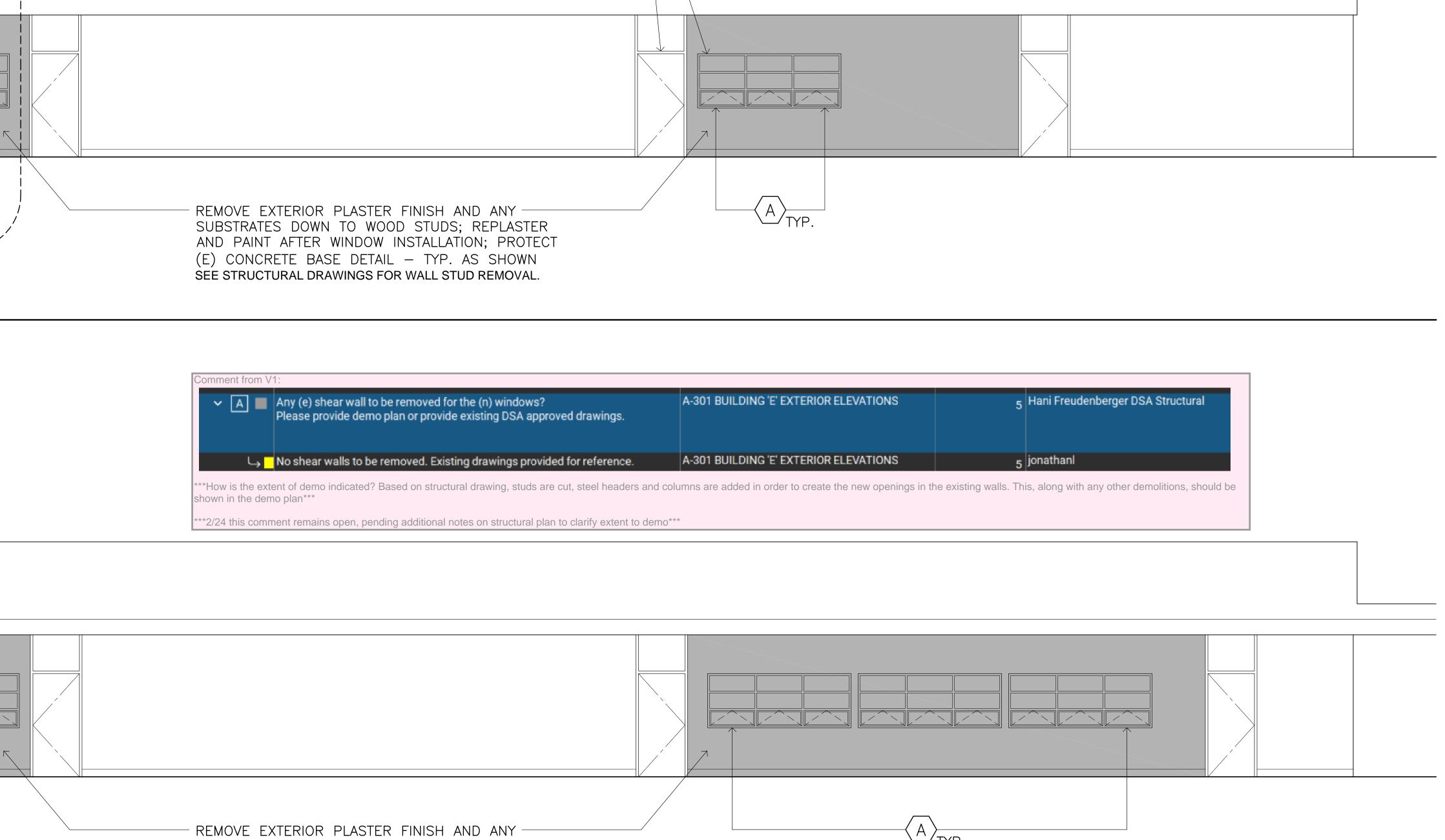
SHEET BUILDING 'E' FLOOR PLAN TITLE

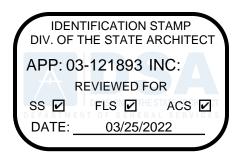


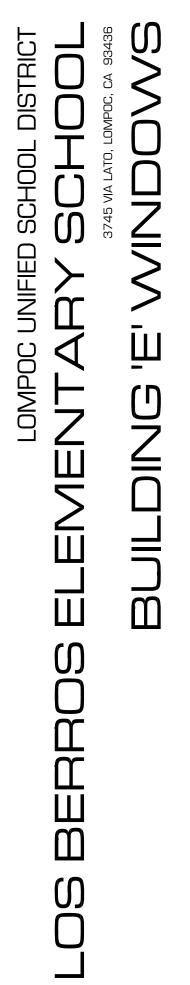


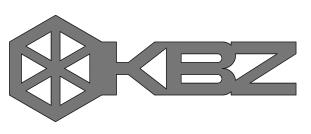












KRUGER BENSEN ZIEMER ARCHITECTS, INC. AIA 199 FIGUEROA STREET SUITE 100A VENTURA CA 93001 TELEPHONE (805) 650-1033 www.kbzarch.com TODD A. JESPERSEN, A.I.A.

JONATHAN D. LEE

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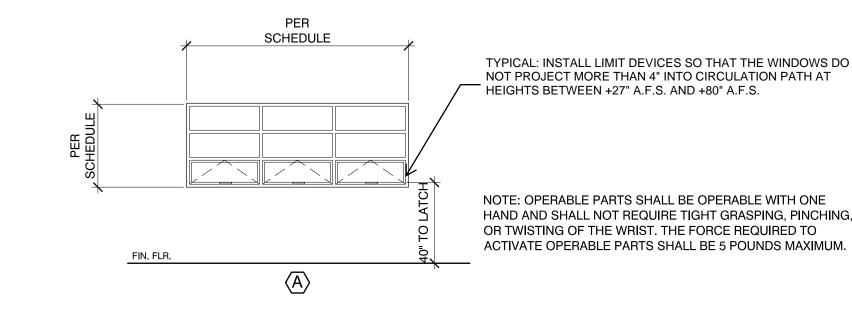
JOB. NO. 21034

SHEET BUILDING 'E' EXTERIOR ELEVATIONS TITLE





	WINDOW SCHEDULE													
WINDOW TYPE	NOMINAL SIZE       FRAME       GLASS (2)       ASS'Y FIRE RATING       DETAILS         WIDTH       HEIGHT       MATERIAL       FIN       COLOR       TYPE       THK       SO       ASS'Y FIRE RATING       HEAD       L JAMB       R JAMB       SILL			<ul> <li>REFER TO SECTION 08 5113 IN THE SPECIFICATION.</li> <li>ALL DIMENSIONS ARE APPROXIMATE AND MUST BE FIELD VERIFIED BY CONTRACTOR PRIOR TO FABRICATION.</li> </ul>										
	WIDTH	HEIGHT	MATERIAL	FIN	COLOR	TYPE	тнк	SCF		HEAD	L JAMB	R JAMB	SILL	REMARKS
A	9'-3"	3'-6 1/2"	ALUM.	FF	TBD	GL-1	1"	*	NONE	3         4         5         7           A-800         A-800         A-800         A-800		7 A-800	ALL NEW WINDOWS TO RECEIVE ROLLER SHADES; *OPERABLE WINDOWS TO RECEIVE INTERIOR SCREENS	



#### WINDOW TYPES SCALE: 1/4" = 1'-0"

### STATE OF CALIFORNIA

Envelope Component Approac	1			
NRCC-ENV-E (Created 03/21)				CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE				NRCC-ENV-E
This document is used to demonstrate comp	liance with mandatory requirements in <u>§110</u>	.8(g)	and §120.7(b) for newly constructed	huildings, and <u>§141.0(b)1</u> for alterations,
related to roof, wall and floor assemblies. It	is also used to demonstrate compliance with	h pre	scriptive requirements in <u>§140.3</u> for 1	newly constructed buildings, and <u>§141.0</u> for
additions and alterations, related to roof, we	all, floor, door, fenestration and daylighting i	requi	rements.	
Project Name: LUSD Los Berros ES Bldg 'E	' Windows		Report Page:	Page o
Project Address: 3745 Via Lato, Lompoc, CA	93436		Date Prepared:	2021-12-01
A. GENERAL INFORMATION				
01 Project Location (city)	Lompoc	05	# of Stories (Habitable Above Grade	2) 1
02 Zipcode	93436	06	Total Conditioned Floor Area (ft <sup>2</sup> )	5,544
03 Climate Zone	5	07	Total Unconditioned Floor Area (ft <sup>2</sup>	<sup>()</sup> 0
Occupancy Types Within Project (selec If one occupancy constitutes $\ge 80\%$ of t building envelope may be designed to occupancy per <u>§100.0(f)</u> .	the conditioned floor area, the entire	08	Project includes unconditioned a ceiling height of at least 15ft. <sup>1</sup>	enclosed space(s) > 5,000ft <sup>2</sup> under a roof with
All Nonresidential, including Relocatable ✓ certified for use in one climate zone Occupancy: A / B / E / F / H / M / S / U	Public School Building Relocatable F use in all clim Occupancy: E	ate z		Residential y:R-2 / R-3 Hotel/Motel Guest Rooms Occupancy: R-1
<sup>1</sup> FOOTNOTE: Enclosed spaces > 5,000 ft <sup>2</sup> di defined in <u>§140.3(c)</u> . Compliance with <u>§140.</u>				to meet the minimum daylighting requirement. to unconditioned spaces.

#### B. PROJECT SCOPE

B. PROJECT SCOPE			
Table Instructions: Include any building envelopes that are within the scope of the permit applice	ition and are demonstra	ting compliance	using the prescriptive paths outlined in
<u>§140.3,</u> and <u>§141.0(a)1</u> and <u>§141.0(b)1 and 2</u> for additions and alterations.			
My project consists of (check all that apply)		Compon	ent Types
01		.(	02
New Construction or Newly Conditioned Space	Deef	Walls	Exterior Doors
One or more enclosed spaces > 5,000 $ft^2$ directly under roof with ceiling height > 15ft		Floors	Fenestration/Glazed Door <sup>1</sup>
Addition of conditioned space		Walls	Exterior Doors
One or more enclosed spaces > 5,000 $ft^2$ directly under roof with ceiling height > 15ft		Floors	Fenestration/Glazed Door <sup>1</sup>
✓ Alteration of conditioned space	Roof Assembly	Walls	Exterior Doors NA for Alts.
One or more enclosed spaces > 5,000 ft <sup>2</sup> directly under roof with ceiling height > 15ft and lighting system installed for the first time	Roofing Material	Floors	Fenestration

<sup>1</sup> FOOTNOTE: Doors that are more than 25% glass in area are considered Glazed Doors and should be documented on Table K with fenestration.

#### CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards March 2021 STATE OF CALIFORNIA Envelope Component Approach NRCC-ENV-E (Created 03/21) CERTIFICATE OF COMPLIANCE NRCC-ENV-E Report Page: Project Name: LUSD Los Berros ES Bldg 'E' Windows Page c Project Address: 3745 Via Lato, Lompoc, CA 93436 2021-12-01 Date Prepared: N. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, form user must provide an explanation to be added to Table D Exceptional Conditions. The form user should also include the systems that are required to be field verified. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019\_compliance\_documents/ Nonresidential Documents/NRCA/. Individuals who perform the field testing and verification work, and provide the information required for completion of the fenestration Certificate of Acceptance documentation are not required to be licensed professionals. However, the person who signs the Certificate of Acceptance document to certify compliance with the acceptance requirements shall be licensed as specified in Standards Section 10-103(a)4 and NA7.3.1. Field Inspector YES NO Form/Title System to be Field Verified Pass Fail NRCA-ENV-02-F - Must be submitted for all new, added or altered fenestration. New Windows NRCA-ENV-03-F - Daylighting design indoor lighting power adjustment factors Note: The requirement for this NRCA is indicated on the NRCC-LTI (prescriptive) or NRCC-PRF (performance) because it is only relevant if a PAF is used for clerestories, daylight redirection devices or horizontal slats.

### Note to Contractor:

Note to Contractor:

installed lighting controls, r after installation and before performance test to help e

Lighting controls acceptan Acceptance Test Technicia

Mechanical system accept ATT for projects submitted

A listing of certified ATT topics/programs/accepta program/acceptance

The Acceptance Testing pr corrected by the builder or the specified systems conf

Project inspectors will be o Tests have been complete

his note needs to be added to address the last remaining comment on DWG V1

The California Energy Code Section 10-103 requires Acceptance Testing on all newly installed lighting controls, mechanical systems, envelopes, and process equipment after installation and before project completion. An Acceptance Test is a functional performance test to help ensure that newly installed equipment is operating and in The California Energy Cod installed lighting controls in compliance with the Energy Code.

compliance with the Energe Lighting controls acceptance tests must be performed by a certified lighting controls Acceptance Test Technician (ATT).

> Mechanical system acceptance tests must be performed by a certified mechanical ATT for projects submitted on or after October 1, 2021.

A listing of certified ATT's can be found at https://www.energy.ca.gov/programs-andtopics/programs/acceptance-test-technician-certification-providerprogram/acceptance

The Acceptance Testing procedures must be repeated, and deficiencies must be corrected by the builder or installing contractor until the construction/installation of the specified systems conform and pass the required acceptance criteria.

Project inspectors will be collecting the forms to confirm that the required Acceptance Tests have been completed.

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Life Collection we can also be a series of the	USD Los Berros ES Ble	In the second second second			Report Pa	115-15-17	Page
Project Address: 3	745 Via Lato, Lompo	c, CA 93436			Date Prep	bared:	2021-12-(
C. COMPLIANCE	RESULTS						<u></u>
Table Instructions:	If any cell on this tab	le says "DOES NOT	COMPLY" or "COM	PLIES with Exception	nal Conditions" refe	er to Table D. for guidance	e
	Opaqu	e Envelope Compo	nents			Daylighting	
Roof Assembly	Roofing Materials	Walls	Floors	Doors	- Fenestration	Spaces > 5,000 $ft^2$	Compliance Results
01	02	03	04	05	06	07	
(See Table F)	(See Table G)	(See Table H)	(See Table I)	(See Table J)	(See Table K)	(See Table L)	08
		• • • • • • •			Yes		COMPLIES
D. EXCEPTIONAL	CONDITIONS						<b></b>
This table is auto-fi	lled with uneditable of	comments because	of selections made	or data entered in t	tables throughout t	the form.	
lo excentional con	ditions apply to this	project					
	EMARKS remarks made by the	e permit applicant t	o the Authority Hav	ving Jurisdiction.			
This table includes i	remarks made by the	e permit applicant t	o the Authority Hav	ving Jurisdiction.			
This table includes i <b>F. ROOF ASSEMB</b> This Section Does N	remarks made by the LY SCHEDULE lot Apply		o the Authority Hav	ving Jurisdiction.			
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	ATION AND GLAZED						
				Contract of the second s		ements in <u>§140.3(a)5</u> for new constru	
		0.7/2				ould be documented on this table with	
. 01		tion types included in		Vertical (altera	-	Vertical (new) Skylights	Glazed Doors (new only)
					t 6 requiremer	nts for alterations. New construction	and additions do have requirement
ana snouia i	be clicked above and co	mpliance demonstrat	ed within this t	able.			
Vertical Fen	estration and Glazed D	oors - Total Building	& West Facing	Area (New Constr	uction & Addi	tions Only)	
	01 02					04	05
Florention		Ovientetien (A	1 ماه ب معرقه	Gross Exterior	· Wall Area <sup>2</sup>	Display Perimeter Length <sup>2</sup>	Vertical Fenestration Area
Elevation	tem Tag/ Description	Orientation (A:		(ft²	)	(ft)	per Design <sup>3</sup> (ft <sup>2</sup> )
	West	West	-	1,22	!1	128	131
	East	East		1,22	1	128	131
		6.		Rese	et	Add Elevation	Remove Last
06	Maximum Allowe	d Vertical	1 []	26	07	Total Vertical Fenestration (ft <sup>2</sup> )	262
06	Fenestration (ft <sup>2</sup> )	- All Orientations	1,53	30	07	per Design- All Orientations	262
08	Maximum Allowe	d Vertical	76	· 0	09	Total Vertical Fenestration (ft <sup>2</sup> )	131
	Fenestration (ft <sup>2</sup> )	and the second				per Design- West Facing	
	E: Orientation between	226 deg and 315 deg	are considered	l "West Facing". A	diagram has l	peen provided in the <u>Nonresidential</u> C	ompliance Manual for visual
reference.		No. The function of the function					
	ude demising walls per						
r inciuaes gi	azed door fenestration	area.					
L. DAYLIGH	T IN LARGE ENCLOSE	ED SPACES					· · · · · · · · · · · · · · · · · · ·
This Section	Does Not Apply						
	350 Bjo 150						
M. DECLAR	ATION OF REQUIRED	CERTIFICATES OF	INSTALLATION	N			?
Table Instruc	ctions: Selections have	been made based on	information pro	ovided in previous	tables of this c	locument. If any selection needs to be	e changed, form user must provide
					provided to the	e building inspector during construction	on and can be found online at
http://www.	energy.ca.gov/2015pu	blications/CEC-400-20	015-033/appen	dices/forms/NRCI			
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roject Addre	ess: 3745 Via Lato, Lor	mpoc, CA 93436				Date Prepared:			2021-12-0
. FENESTR/	ATION AND GLAZED	DOOR SCHEDULE							2
able Instruc	tions: Complete this to	able to demonstrate	compliance with	h prescriptive fend	estration requiren	nents in §140.3(a)	5 for new construc	tion or addit	ions, or §141.0(b)2A
or alteration	s. Exterior doors that	are more than 25%	glass in area are	considered Glaze	d Doors and shou	uld be documente	d on this table with	fenestration	l.
01	Indicate fenestrat	ion types included i	n the project:1	Vertical (alter	ation) 🗸	Vertical (new)	Skylights	Glazed D	oors (new only)
FOOTNOTE	: Fenestration types in	dicated above as "(n	new only)" do no	t have Title 24, Pa	irt 6 requirements	s for alterations.	New construction of	and additions	do have requirement
nd should be	e clicked above and co	mpliance demonstro	ated within this t	able.					-1
/ertical Fene	stration and Glazed D	oors - Total Buildin	g & West Facing	Area (New Cons	truction & Additi	ons Only)			
	01	02		0	3	(	)4		05
	- 10			Gross Exterio	or Wall Area <sup>2</sup>	Display Perimeter Length <sup>2</sup>		Vertical	Fenestration Area
Elevation It	Elevation Item Tag/ Description Orientation (Azimuth) <sup>1</sup>		Azimuth)'	(ft²)		(ft)		pei	r Design <sup>3</sup> (ft <sup>2</sup> )
	West	West	-	1,221		128			131
	East	East	•	1,2	21	1	28		131
				Re	set	Add E	evation	R	emove Last
0.5	Maximum Allowe	d Vertical	4 5	26	07	Total Vertical Fe	nestration (ft²)		262
06	Fenestration (ft <sup>2</sup> )	- All Orientations	1,5	36	07	per Design- All O	rientations		262
	Maximum Allowe	d Vertical		~		Total Vertical Fe	nestration (ft <sup>2</sup> )		101
08	Fenestration (ft <sup>2</sup> )	-West Facing	76	ið	09	per Design- Wes	per Design- West Facing		131
FOOTNOTE	: Orientation between	226 deg and 315 de	g are considered	"West Facing".	A diagram has be	en provided in the	Nonresidential Co	mpliance Ma	nual for visual
eference.									
Do not inclu	de demising walls per	<u>§140.3(a)5</u> .							
Includes gla	zed door fenestration	area.							
. DAYLIGH	IN LARGE ENCLOSE	D SPACES							2
his Section L	Does Not Apply								
	Andre In								
A. DECLAR	TION OF REQUIRED	CERTIFICATES OF	INSTALLATIO	N					?
able Instruct	tions: Selections have	been made based of	n information pr	ovided in previou:	s tables of this do	cument. If any se	lection needs to be	changed, for	rm user must provide
	n to be added to Table		CAN THE REPORT OF A CONTRACT OF A DATA OF A DATA OF A DATA	en location and an	APPENDIAL CARDENAL CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONT	The second s		ACTIVITY OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR	CONTRACTOR AND A CONTRACTOR OF
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STATE OF CALI	ORNIA									
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Project Nam	CONTRACTOR OF THE PARTY OF THE	and the second second second second	S Bldg 'E' Window	S			Report Page:		Page o	
Project Add	ress: 3745 Vi	a Lato, Lor	mpoc, CA 93436				Date Prepared:			2021-12-0
K. FENESTR	RATION AND	GLAZED	DOOR SCHEDUL	E						?
Table Instru	ctions: Comp	lete this to	able to demonstra	te compliance wi	ith prescriptive fend	estration require	ments in <u>§140.3(</u>	<mark>a)5</mark> for new construe	ction or additions, or 🛐	141.0(b)2A
for alteratic	ons. Exterior d	oors that	are more than 259	% glass in area ai	re considered Glaze	ed Doors and sho	ould be document	ed on this table with	h fenestration.	
01	Indicate	e fenestrat	ion types included	l in the project: <sup>1</sup>	Vertical (alter	ration)	/ Vertical (new)	Skylights	Glazed Doors (nev	w only)
<sup>1</sup> FOOTNOT	E: Fenestratio	n types in	dicated above as '	(new only)" do n	ot have Title 24, Po	art 6 requiremen	ts for alterations.	New construction	and additions do have	requirement
and should	be clicked abo	ve and co.	mpliance demonst	rated within this	s table.					
Vertical Fer	nestration and	Glazed D	oors - Total Buildi	ng & West Facin	ng Area (New Cons	truction & Addit	tions Only)			
	01		0)			3		04	05	
1992) A				200 00	Gross Exterio	or Wall Area <sup>2</sup>	Display Per	imeter Length <sup>2</sup>	Vertical Fenestrat	tion Area
Elevation	Item Tag/ Des	cription	Orientation	(Azimuth)		t <sup>2</sup> )		(ft)		(ft <sup>2</sup> )
	West		Wes	it 🔽		1,221		128		
	East		Eas		-	221	128		131	
0						set	Add	Elevation	Remove La	ast
	Maximu	um Allowe	d Vertical	2.1			Total Vertical F	enestration (ft²)		
06			- All Orientations	1,	536	07	per Design- All		262	
	Maximu	um Allowe	d Vertical		2270		Total Vertical F	enestration (ft <sup>2</sup> )	177 B	
08			-West Facing	7	768	09	per Design- We		131	
' FOOTNOT	E: Orientation	between	226 deg and 315 d	leg are considere	ed "West Facing".	A diagram has b	een provided in th	ne <u>Nonresidential</u> Co	ompliance Manual for v	visual
reference.										
	lude demising									
<sup>a</sup> Includes gi	lazed door fen	estration	area.							
L. DAYLIGH	IT IN LARGE	ENCLOSE	D SPACES							[?
This Section	Does Not App	oly								
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M. DECLAF	RATION OF R	EQUIRED	CERTIFICATES C	OF INSTALLATIO	ON					?
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			and a straight of the second		1º /c ////0.0					
		v/2015pu	blications/CEC-400	)-2015-033/appe	endices/forms/NKC	1				
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		<u>v/2015pu</u>	blications/CEC-400	)-2015-033/appe	in an	<u>/</u> /Title			Field II Pass	nspector Fail

#### STATE OF CALIFORNIA Envelope Component Approach

Envelope Co	mponent	Approach				
NRCC-ENV-E (Created	03/21)	E - 585			CA	LIFORNIA ENERGY COMMISSION
CERTIFICATE OF (	COMPLIANCE					NRCC-ENV-E
Project Name:	LUSD Los Ber	ros ES Bldg 'E' Windows		Report Page:		Page of
Project Address:	3745 Via Lato	o, Lompoc, CA 93436		Date Prepared:		
DOCUMENTAT	ION AUTHOR	S'S DECLARATION STATEMENT				2
1. I certify that th	his Certificate	of Compliance documentation is accurate	and complete.			
Documentation A	Author Name:	Todd Jespersen	Documentation A	Author Signature:		(Inter of Jerperan)
Company: Kruger Bensen Ziemer Architects Inc. Signatur			Signature Date:	2021-12-01		
Address:	ddress: 199 Figueroa St, Suite 100A CEA/ HERS Certification		ication Identificati	ion (if applicable):	n/a	
City/State/Zip:		Ventura, CA 93001	Phone:		805-650-1033	ļ
RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)						
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable						
T. The building u	esignieature	s or system design reduites identified on t	ins certificate of compliance and	e consistent with	the mormation pro-	ovided on other applicable

compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy Responsible Designer Signature: Responsible Designer Name: (than Jeyenser) Todd Jespersen

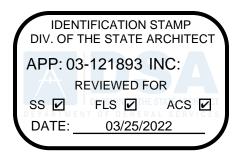
Company :	Kruger Bensen Ziemer Architects Inc.	Date Signed:	2021-12-01
Address:	199 Figueroa St, Suite 100A	License:	C-25839
City/State/Zip:	Ventura, CA 93001	Phone:	805-650-1033

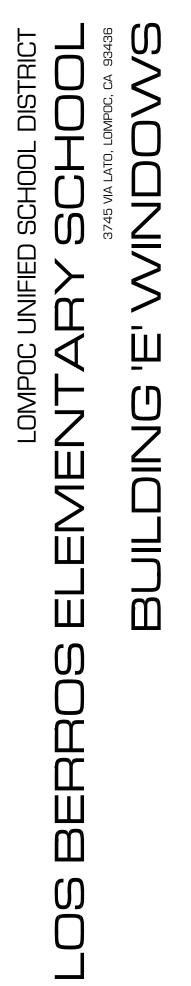
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

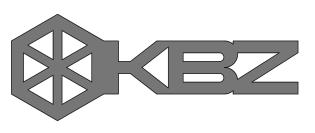
March 2021

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

March 2021







KRUGER BENSEN ZIEMER ARCHITECTS, INC. AIA 199 FIGUEROA STREET SUITE 100A VENTURA CA 93001 TELEPHONE (805) 650-1033 www.kbzarch.com TODD A. JESPERSEN, A.I.A.

PRINCIPAL-IN-CHARGE JONATHAN D. LEE ARCHITECTURAL ASSISTANT

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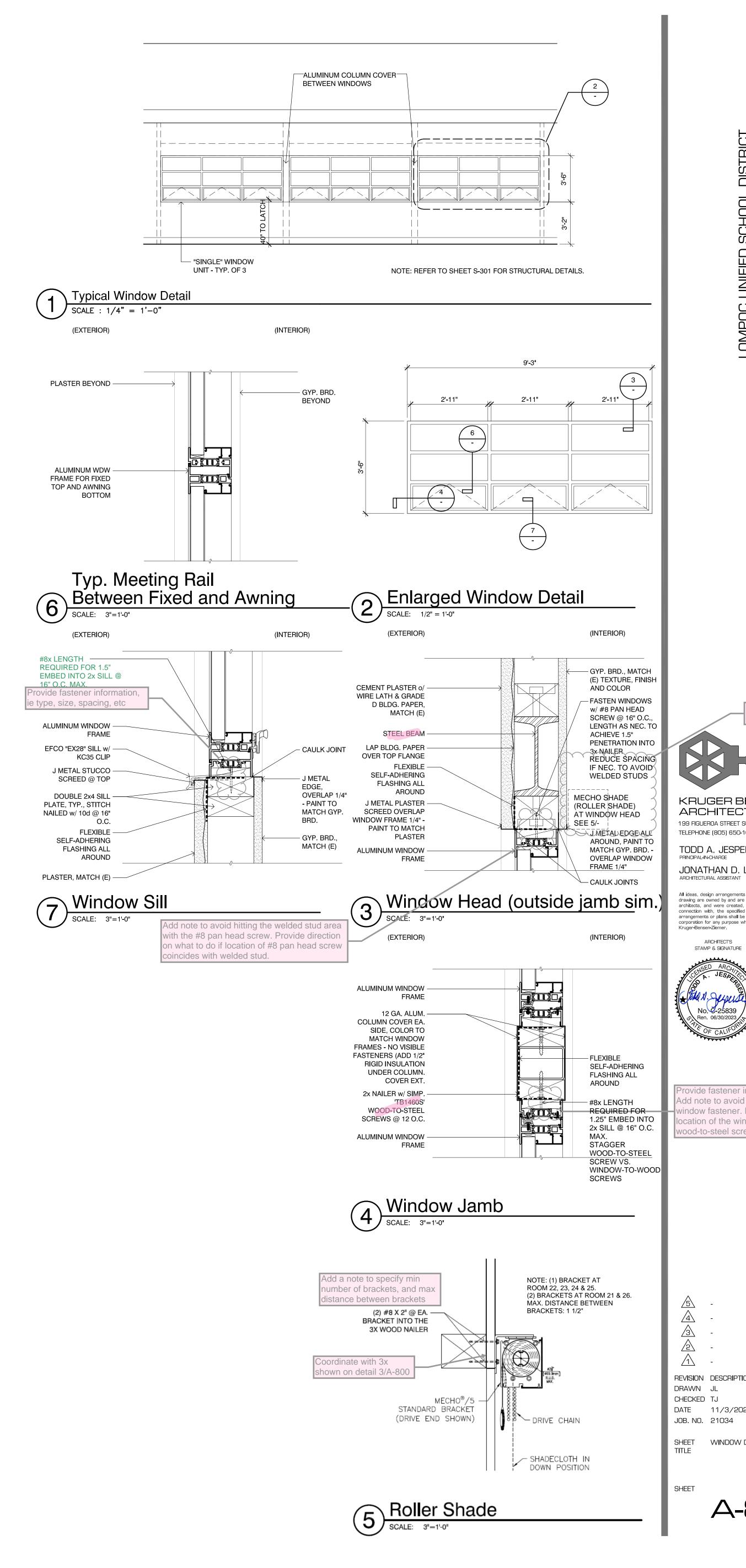


 $\overline{\mathbb{S}}$ -/-/-4 -/-/-<u>/3</u> -/-/-<u>/2/</u> -/-/--/-/-REVISION DESCRIPTION DATE DRAWN JL CHECKED TJ DATE 11/3/2021 JOB. NO. 21034

SHEET WINDOW SCHEDULE TITLE

SHEET

A-40









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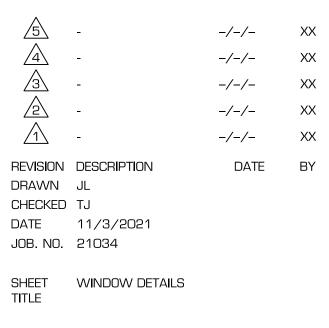
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Provide fastener information, ie type, size spacing, etc. Add note to avoid hitting the wood-to-steel screw with the ndow fastener. Provide direction on what to do if the location of the window fastener coincides with wood-to-steel screw.

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### Abbreviations APPLIES TO STRUCTURAL DRAWINGS ONLY

LB.

LH.

L.L.

М.В.

MFR.

MAS.

M.L.

MATL.

MAX.

МЕСН.

MED.

MMB.

M.F.D.

M.R.D.

MDSP.

MISC.

Ν.

(N)

N.Í.C.

N.S.

0.*C*.

OPNG.

0. W. J.

OPP.

0.D.

0.Н.

PNL.

PRLN.

PAR.

PARTN.

PVMT.

PERF.

PLY.

PT.

PVC.

PCF.

PLF.

PSI.

PL.

PLN.

RAD.

REF.

REQ.

REV.

REV.

RH.

R.D.

RFG.

RM.

R.O.

S.*J.* 

SEC.

SHT.

SIMP.

SIM.

SPC.

SQ.

STL.

STD.

STRL.

SYM.

THRD.

THK.

T&G

Т.О.

TOF.

TOG.

ТОМ.

TOP.

TOPL.

TOS.

TOW.

TYP.

*V.B.* 

VNR.

VERT.

WF.

W. WD.

W.1.

WM.

WWF. WP.

TOC.

ТОСВ.

SPEC.

STAG.

SCHED.

RLNG.

REINF.

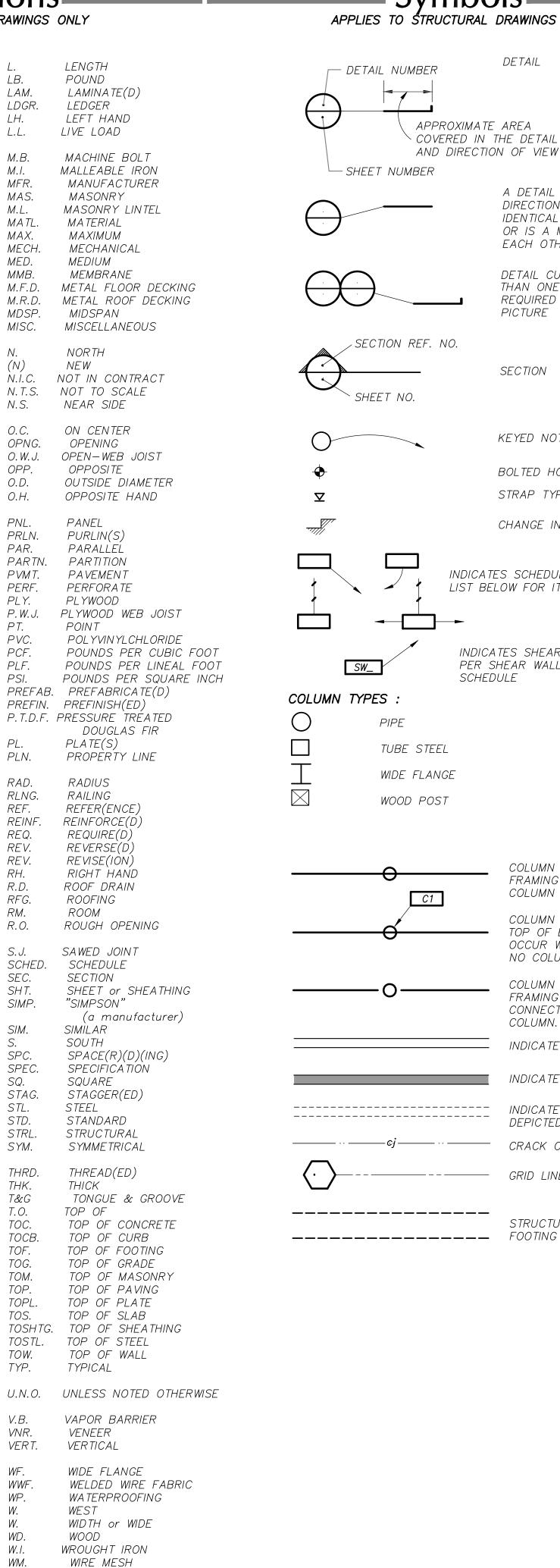
P.W.J.

M.I.

LAM.

LDGR.

	APPLIES TO STRUCTURAL
SYMBOLS	S USED AS ABBREVIATIONS
@ ∠ ⊈ □ d ⊥ ₽ ₽	AT ANGLE CENTERLINE CHANNEL PENNY PERPENDICULAR PLATE(S)
? # wo/ # & 0/	DIAMETER SQUARE WITH WITHOUT NUMBER AND OVER
ABBREVI.	
APPROX.	ASPHALT CONCRETE ALTERNATE ANCHOR BOLT(S) APPROXIMATE(LY) ARCHITECT(URAL)
BRG. BM. BLK. BLKG. B.O.	BASEMENT BEARING BEAM BLOCK BLOCKING BOTTOM OF BOTTOM OF BUILDING BUILDING BOUNDRY NAILING
C. C.I.P. CEM. CNTR. CHAM. CLR. CLS. C.J.	CAMBER CAST-IN-PLACE CEMENT CENTER(ED) CHAMFER(ED) CLEAR(ANCE) CLOSURE COLD JOINT or CONTROL JOINT
COL. CONC. C.M.U. CONT. CONTR. CORR. CSK. C.F. C.Y.	CORRUGATED COUNTERSINK(SUNK)
DBL. D.L. DTL. DTL. DIAG. DIA. DIA. DF. DN.	DOUBLE DEAD LOAD DEPRESS(ED) DETAIL(S) DIAGONAL DIAMETER DIMENSION(S) DOUGLAS FIR DOWN
ÈĹĖV. EQ. F.B.	EAST EDGE NAILING EACH EACH FACE EXISTING ELEVATION EQUAL EXPANSION BOLT EXPOSE(D) EXTERIOR
F.O. FOC. FOM. FOS. F.S. FIN. FFE. FF. FLR. FT. FTG. FDN. FUT.	FINISH FLOOR ELEVATION FINISH FLOOR FLOOR FOOT, FEET FOOTING FOUNDATION FUTURE
GA. GALV. GL. G.B. GLB. GYP. GYPBD.	GAGE, GAUGE GALVANIZE(D) GLASS, GLAZING GRADE BEAM GLUED LAMINATED BEAM GYPSUM GYPBOARD
HDR. H. V. A. C. HT.	HEADER HEATING/VENTILATING /AIR CONDITIONING HEIGHT
HK. HORIZ.	HOOK(S) HORIZONTAL
INCL. I.D. IN. INS. INSP. INT. INT.	INCLUDE(D)(ING) INSIDE DIAMETER INCHES INSULATE(D)(ING) INSPECT(ING)(ION) INTERIOR INTERMEDIATE
JT. JST.	JOINT JOIST
KO. K.J.	KNOCKOUT KEYED JOINT



### Symbols APPLIES TO STRUCTURAL DRAWINGS ONLY

- / >

#### DETAIL

#### APPROXIMATE AREA COVERED IN THE DETAIL AND DIRECTION OF VIEW

A DETAIL CUT WHERE THE DIRECTION OF THE VIEW IS IDENTICAL IN EITHER DIRECTION OR IS A MIRROR IMAGE OF EACH OTHER

DETAIL CUT WHERE MORE THAN ONE DETAIL IS REQUIRED FOR THE ENTIRE PICTURE

SECTION

KEYED NOTE NUMBER

BOLTED HOLDOWNS

STRAP TYPE HOLDOWNS

CHANGE IN ELEVATION

INDICATES SCHEDULED ITEM. REFER TO LIST BELOW FOR ITEMS SCHEDULED.

#### INDICATES SHEAR WALL PER SHEAR WALL SCHEDULE

COLUMN TERMINATES WITH FRAMING MEMBERS OVER

COLUMN ORIGINATING ON TOP OF BEAM. THIS MAY OCCUR WHEN THERE IS NO COLUMN BELOW.

COLUMN

- COLUMN CONTINUOUS WITH FRAMING MEMBERS CONNECTED TO SIDES OF COLUMN.
- INDICATES STUD WALLS
- INDICATES SHEAR WALLS
- INDICATES WALLS BELOW DEPICTED LEVEL CRACK CONTROL JOINT

---- GRID LINE

STRUCTURAL CONCRETE

#### GENERAL

- 1. All materials and workmanship are subject to the review of the Architect and Structural Engineer
- 2. Report any and all discrepancies, ambiguities, unclear items or items that are subject to more than one interpretation, on the Drawings and/or Specifications to the Structural Engineer for clarification before proceeding with Work.
- 3. All Work done under this contract is to comply with the 2019 edition of the California Building Code. 4. Design and install all temporary bracing and shoring to ensure the safety of the Work until it is in its completed form. When required by law, employ a Civil Engineer
- to design shoring, bracing, and installation plans for structural items. 5. Verify all dimensions prior to starting Work. The Architect and Structural Engineer are to be notified of any discrepancies or inconsistencies. Check and coordinate all dimensions. See architectural Drawings for dimensions and non-structural items not shown on these Plans. Do not scale the Drawings to obtain dimensions. 6. All scaffoldings and shoring is to comply with the rules and regulations of the
- Industrial Safety Commission of the State of California. . The Structural Engineer will provide only periodic observation of the Work. 8. Fees or costs associated with the redesign or modification of these Plans by the Architect or Structural Engineer as a result of deviation by the Contractor from the Plans and Specifications, or due to errors, faulty materials or faulty workmanship, is
- to be paid to the Structural Engineer by the Contractor. 9. The Contractor is required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property. This requirement applies continuously and is not limited to normal working hours. The Contractor further agrees to defend, indemnify and hold harmless the Structural Engineer from any and all liability, real or alleged, in connection with the performance of Work of this project, excepting liability arising from the sole negligence of the Structural Engineer.
- 10. Neither the professional activities nor the presence of the Structural Engineer at the construction site relieves the Contractor of his obligation, duties and responsibilities for construction means, methods, sequences, techniques and procedures necessary for the Contractor to complete the Work in accordance with the Plans and Specifications in a manner to ensure the health and safety of persons who enter the construction site.
- 11. Any differences between the existing construction as observed in the field and as shown on the Drawings is to be reported to the Structural Engineer before
- proceeding with Work. 12. Bidders must visit the building site and familiarize themselves with the existing
- conditions. Discrepancies or deletions must be brought to the attention of the Architect and Structural Engineer before bid date for correction.
- 13. All work has been done in a manner as required for new structures. No attempt has been made to bring the entire structure into compliance with current building codes. However, the new design substantially conforms to the following standards: A. The capacity of existing structural elements required to resist forces has not been reduced.
  - B. The lateral loading to existing structural elements has not been increased by more than 10% per CAC 4-309(c)2. C. New structural elements are detailed and connected to the existing structural elements as required by current code.

his section is not

adopted by DSA

#### STRUCTURAL OBSERVATION

Observation of the construction shall be provided by the Architect or Structural Engineer in General Responsible Charge as set forth in Title 24, Part I. At the conclusion of the work included in this permit, the structural observer shall submit to the DSA Inspector a written statement that the site visits have been made and identify any reported deficiencies that, to the best of the structural observer's knowledge, have not been resolved. Structural observation shall be provided for the following stages of construction. 1. Prior to the covering of any new structural framing.

SPECIAL INSPECTIONS (CBC Sections 1704A & 1705A)

The owner shall employ one or more special inspectors who are approved by DSA who shall provide inspections during construction on the following, but not limited to, types of work:

1. Post-installed anchors in concrete shall be tested per the requirements of 2019 CBC Section 1910A.5. Refer to the table below for additional testing requirements. 2. Refer to project Form DSA-103, List of Required Structural Tests & Special Inspections, for all structural testing and special inspection requirements. In the event of a conflict between the drawings, specifications and Form DSA-103, the more stringent requirement shall apply.

### TIMBER

### 1. Framing and shea

- Joists and raf 4x & 6x bean Wall studs Blocking, strip 2. For minimum naili 3. Drill holes in wood noted otherwise c
- 4. Provide all bolts contact with wood 5. Pre–drill lag bolt place.
- . Machine applied i used for diaphrag control features.
- The Structural En performance. Nail was installed with any panel are ove
- shall be added (r than 1/8" shall h 7. All timber connect polymer paint.
- 3. All sheet metal fi connectors as ma the Plans, install
- the manufacturer ). Use Douglas Fir p concrete or maso or approved equal
  - $\gamma \gamma \gamma$ STUD TO NOTES: SPECIFIED.

### Structural General Notes APPLIES TO STRUCTURAL DRAWINGS ONLY

ΓIM	IBER	DE	SIGN PARAMETERS	Provide all design parameters per CBC2019 1603A.1 for seismic, wind and soil bearing.
2. 3. 4. 5. 5. 7. 3. 9.	Framing and sheathing grades are as follows; <b>(select one)</b> Joists and rafters Doug Fir No. 2 4x & 6x beams/headers Doug Fir No. 2 Blocking, stripping, & misc Doug Fir No. 2 For minimum nailing per California Building Code, see table below. Drill holes in wood for bolts 1/16" larger than the nominal size of the bolt, unless noted otherwise on the Drawings. Provide all bolts with standard cut washers under heads and/or nuts where in contact with wood. Pre-drill lag bolt holes as recommended by CBC standards and screw bolts into place. Machine applied nailing: Demonstrate satisfactory installation on the job. Nailing tools used for diaphragm and shear wall sheathing attachment must have adjustable depth control features. It is not sufficient to control over-driving by adjusting air pressure. The Structural Engineer will review machine nailing to confirm continued satisfactory performance. Nais shall not penetrate the outer plywood ply more than if the nail was installed with a hammer. If more than 20% of the nails around the perimeter of any panel are over-driven by up to 1/8", one new nail for every two over-driven shall be added (repair per APA report No. T94-9). Any two nails over-driven by more than 1/8" shall have an additional nail added. All timber connectors are to be galvanized, or painted with corrosion resistant polymer paint. All sheet metal framing connectors shown on the Plans are to be Strong-Tie connectors as manufactured by the Simpson Co. or equal. Unless noted otherwise on the Plans, install connectors with the size and number of bolts as recommended by the manufacturer in the latest catalog. Use Douglas Fir pressure impregnated lumber for sill plates resting on or against concrete or masonry and at other exterior locations. Use a Wolman CCA-C product or approved equal. When pressure treated lumber is in contact with steel connectors, the pressure treatment compound shall be no more corrosive than CCA-A.		Fa Fv Sps Sps Spin Seismic Weight of Exterior Wall, Wp Importance Factor, $l_e = 1.25$ $F_p = 0.4S_{DS}l_eW_p$ for all design out = 8.6  psf (E) Building Seismic Force Resisting force resisting system of the st	***Still missing seismic design parameters. Refer to ASCE7-16 Section 11.4.8, Exception 2. Provide Fv and Sd1.*** = 1.077g = 0.391g = 1.20 [ASCE 7-16, Section 11.4.4] = 1.91 = 0.862g = 0.498g p = 20 psf =-of-plane wall forces ag System - The existing plywood shear wall seismic tructure has not been altered. Justification of the it been provided within the scope of work for this
	NAILING SCHEDULE (1)	8	Soil Bearing — Allowable soil bearing pressure =	
	CONNECTION       NAILING (2)         3-8d?         STUD TO SOLE OR TOP PLATE, TOE NAIL         (4)         -	1. 2. 3. 4. 5. 6.	Plates, and misc. steel sections sho Threaded studs (hooked, headed, ar unless noted otherwise on the Plans High strength bolts used in steel to pre-tensioned or friction type conn full effort of an ironworker with an Tube and circular steel sections (HS KSI. Welding: conform to AWS standards, All welding shall be done by the sh qualified and AWS certified for the dressed off to smooth, even surfac field-welding shall be inspected by Structural Engineer.	nd threaded anchor rods): conform to ASTM F1554 s. o steel connection: conform to ASTM A325N. Unless ections are specified, tighten bolts requiring the ordinary spud wrench. SS): conform to ASTM A-500, grade B Fy = 46 latest addition. nielded arc method. All welders shall be properly kind of weld they perform. Surplus metal shall be es where welds are not exposed to view. All a testing laboratory approved by DSA and the
		1.	All steel not encased in concrete o	r concrete block shall have one shop coat of zinc

) MINIMUM NAILING ONLY PER 2019 CBC, TABLE 2304.10.1. SEE DETAILS FOR LOCATIONS WHERE OTHER NAILING IS

2) COMMON NAILS TO BE USED THROUGHOUT U.N.O.

. Please clarity where the information in this table is from. spot checked with CBC 2019, and found that blocking to oist should have 3-8d, not 2-16d as indicated in this table. . Remove conditions not used for this project.

Comment from V1:

- indicate
- Unless
- he 46
- perly all be
- 7. All steel not encased in concrete or concrete block shall have one shop coat of zinc chromate, or other approved paint 2 mils thick. After erection, all nuts, bolt heads, and abrasions to the shop coat shall receive a tough up coat. Paint shall be omitted at places to receive sprayed on fire proofing, and areas with friction type bolts.
- 8. Submit shop drawings of all steel work to the Structural Engineer for review. Submit sufficient copies of shop drawings so that the Architect and Structural Engineer may each retain one copy for their record. Any fabrication prior to the review of shop drawings shall be done at the sole risk of the Contractor. The Structural Engineer will require that the shop drawings be in his office at least 3 weeks for review. Submit shop drawings soon enough so that the required Structural Engineer's review period will not impact the construction schedule. Contact the Structural Engineer when shop drawings are begun to confirm schedule.

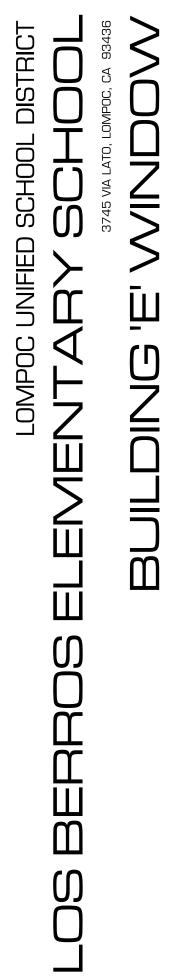
his comment was not addressed in V1

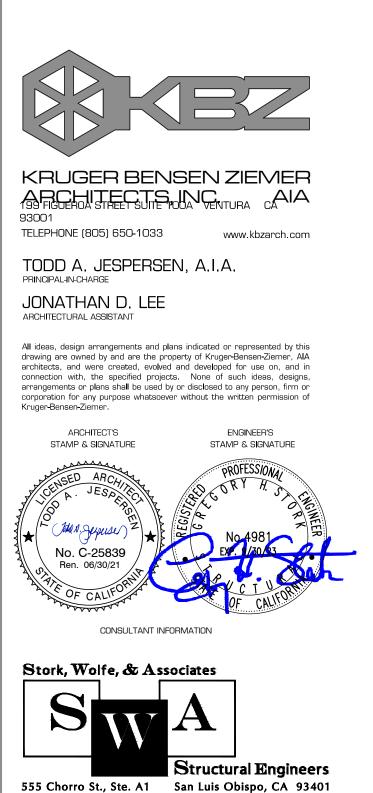
TESTING REQUIREMENTS - POST-INSTALLED ANCHORS IN CONCRETE

- Testing shall be provided for post-installed anchors in concrete per 2019 ¢BC Section 1910A.5, and the project Form DSA-103, List of Required Structural Tests & Special Inspections.
- Testing shall be provided for anchor types listed in the table below. Test type, load and frequency are provided in the table below. Testing shall be done in the presence of the special inspector and a report of the
- test results shall be submitted to DSA. 4. Tension testing shall be provided using the hydraulic ram method. Anchors tested with a hydraulic jack or spring loaded apparatus shall maintain the test load for a minimum of 15 seconds and shall exhibit no discernible movement during the tension test.
- 5. Torque testing shall be provided using a calibrated torque wrench, and shall attain the specified torque within  $\frac{1}{2}$  turn of the nut, or  $\frac{1}{4}$  turn of the screw head for screw—type anchors.
- 6. If any anchor fails testing, all anchors of the same type shall be tested, which are installed by the same trade, not previously tested until twenty (20) consecutive anchors pass, then resume the initial test frequency.

MATERIAL	ANCHOR TYPE	REPORT #	SIZE	EMBEDMENT	TENSION TEST LOAD	INSTALLATION TORQUE	TEST FREQUENCY
CONCRETE	SIMP. 'TITEN HD'	ICC ESR-2713	5⁄8"ø	4 ½"	N/A	100 FT-LB	100%







Fax (805) 548-8601

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$\Delta$	-	-/-/-	ХХ
$\Delta$	-	-/-/-	ХХ
$\triangle$	-	-/-/-	ХХ
$\Lambda$	-	-/-/-	XX
REVISION DRAVVN	DESCRIPTION	DATE	BY
CHECKED	GHS		
DATE	11/2/2021		

JOB. NO. SWA 21087

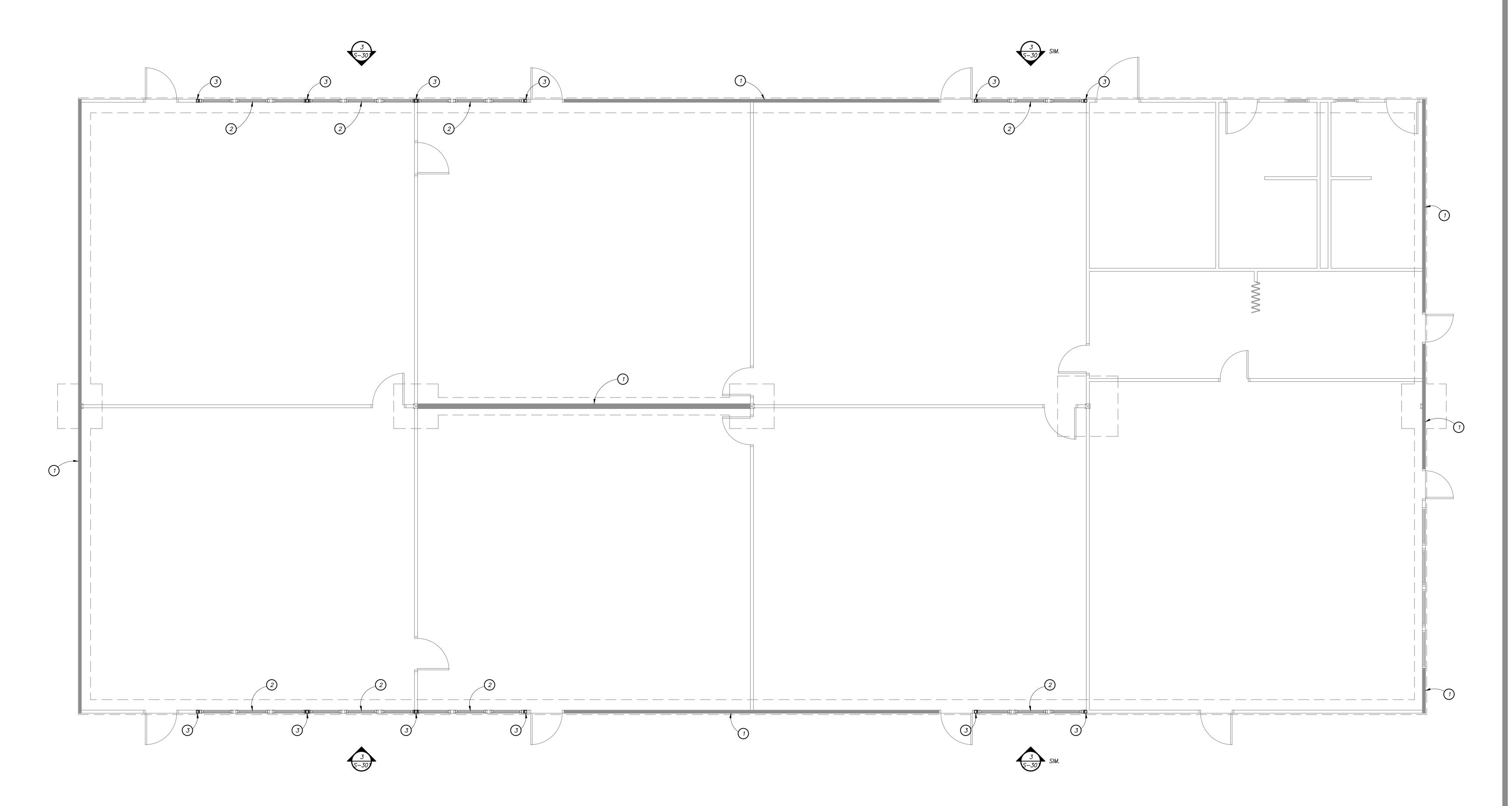
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SHEET STRUCTURAL GENERAL NOTES TITLE & SPECIAL INSPECTIONS









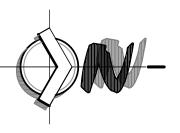
### FOUNDATION PLAN Scale : 1∕4"=1'−0"

FOUNDATION PLAN KEYED NOTES:

 $\bigcirc$  (e) unaltered shear wall to remain (2) (N) WINDOW OPENING PER ARCH. DWGS. (N) HSS3- $\frac{1}{2}$ x2- $\frac{1}{2}$ x $\frac{3}{4}$ 6 STEEL COLUMN

### FOUNDATION PLAN NOTES:

- REFER TO GENERAL NOTES SHEET **S-001**.
   B. SEE ARCHITECTURAL PLANS FOR LOCATIONS OF ALL WINDOW WALL OPENINGS & DIMENSIONS.
- C. ALL EXTERIOR WALL STUDS SHALL BE 2x4 D.F. #2 @ 16" O.C. UNLESS NOTED OTHERWISE ON PLANS AND DETAILS. D. (E) INDICATES EXISTING (N) INDICATES NEW







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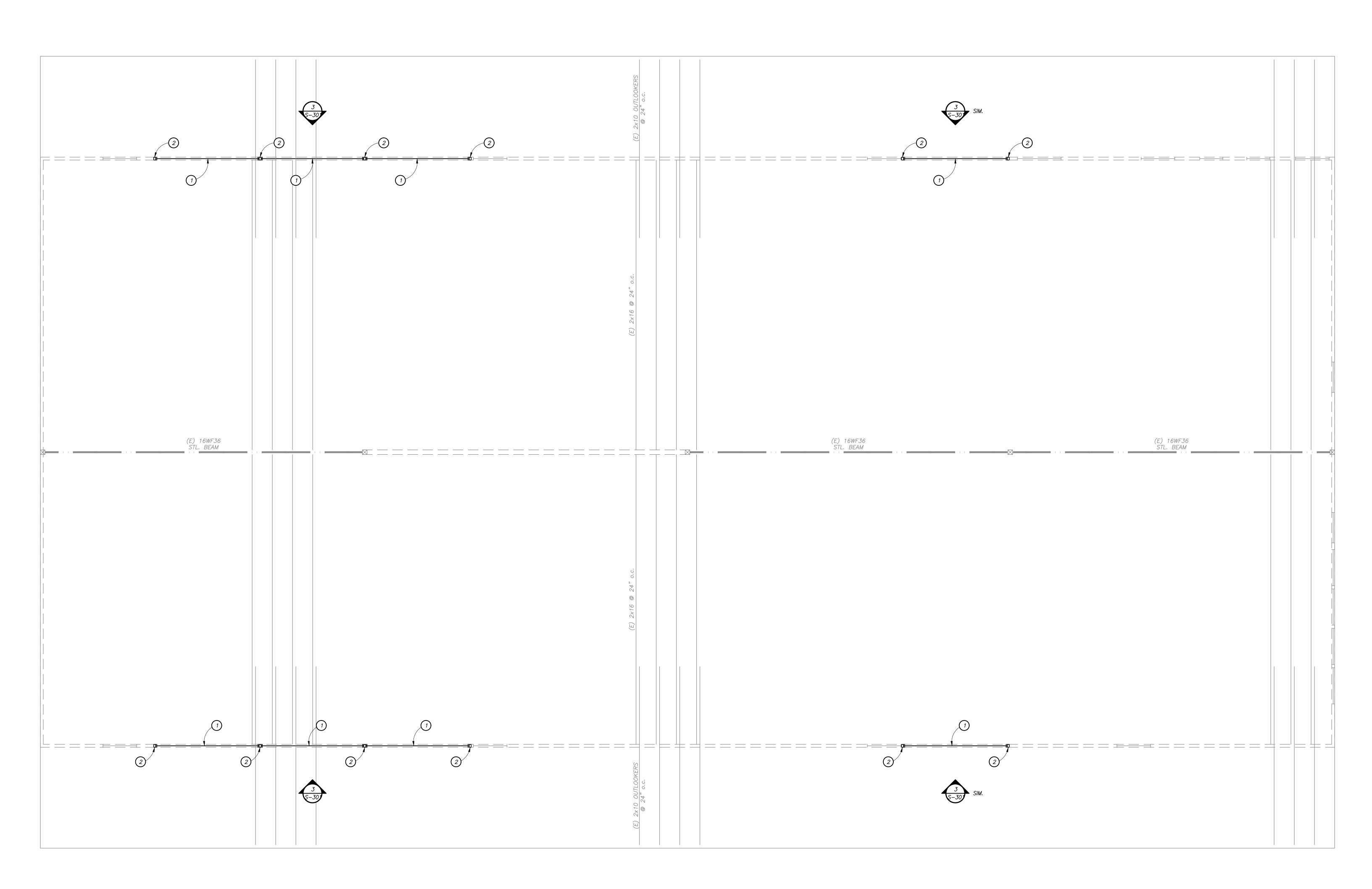
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No. C-25839	No.4981
OF CALIFOR	OF CALIFORM
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Stork, Wolfe, & As	sociates
	$\mathbf{A}$
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5	-	-/-/-	XX
$\underline{A}$	-	-/-/-	xx
$\bigtriangleup$	-	-/-/-	XX
$\triangle$	-	-/-/-	xx
$\Lambda$	-	-/-/-	XX
REVIS <b>I</b> ON DRAWN	DESCRIPTION	DATE	BY
CHECKED	GHS		
DATE	11/2/2021		
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SHEET FOUNDATION PLAN TITLE





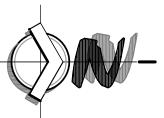


ROOF FRAMING PLAN KEYED NOTES: (N) HSS6x3\*4 STL. HEADER. CONTRACTOR TO PROVIDE TEMPORARY SHORING. (N) STL. COLUMN BELOW.

### **ROOF FRAMING PLAN NOTES:**

- A. REFER TO GENERAL NOTES SHEET S-001.
  B. UNLESS SPECIFICALLY NOTED ON THE PLANS, FRAMING SHALL NOT BE CUT OR RELOCATED WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.
  C. ROOF LOADS: DEAD LOAD = 22 psf LIVE LOAD = 20 psf
  D. DO NOT OVER CUT AT NOTCHES IN FRAMING.
  E. (E) INDICATES EXISTING (N) INDICATES NEW

- (N) INDICATES NEW F. REFER TO ARCH. DRAWINGS FOR ALL DIMENSIONS AND ADDITIONAL INFO.







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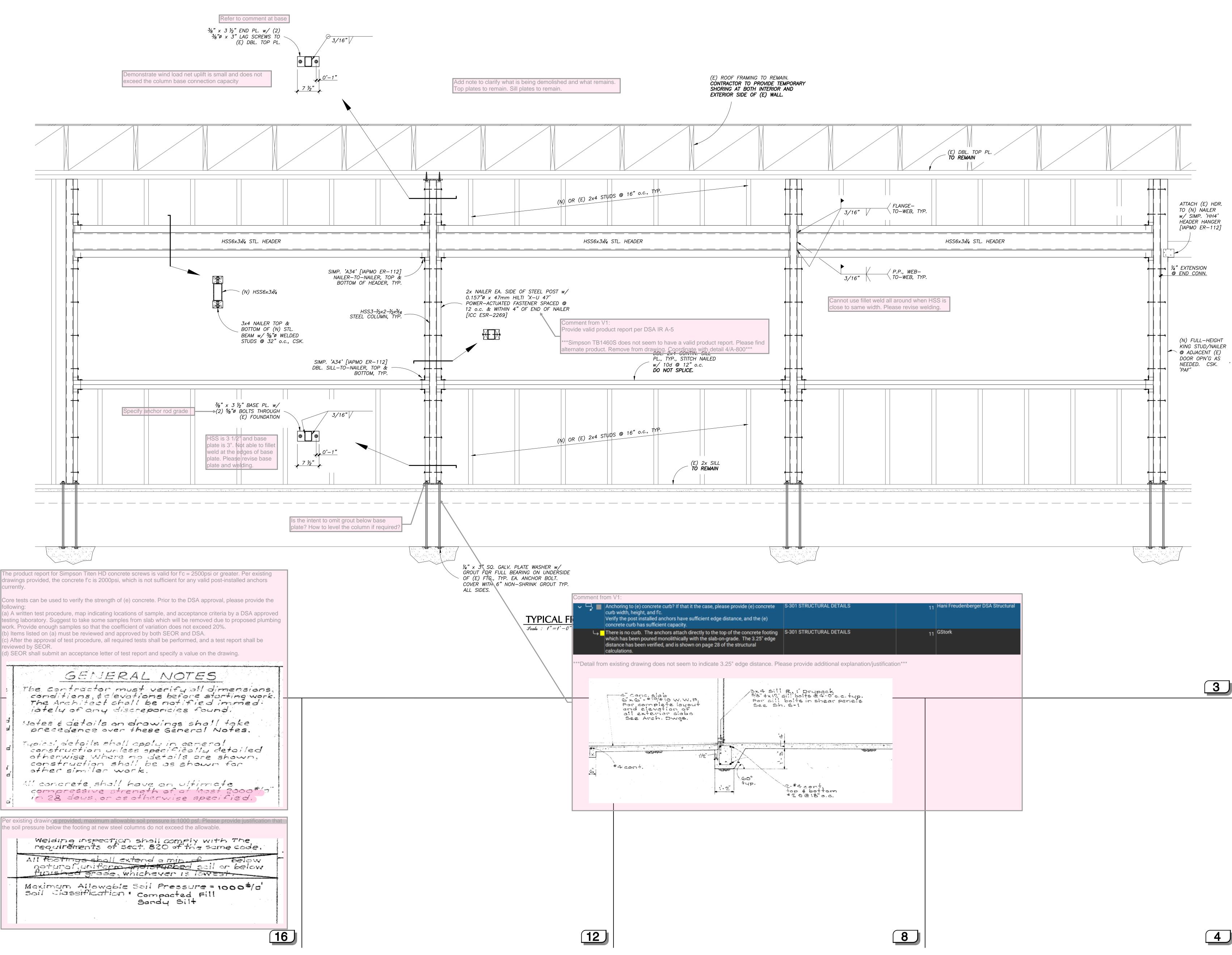
ARCHITECT'S STAMP & SIGNATURE	ENGINEER'S STAMP & SIGNATURE
SELSED ARCHITER	PROFESSIONAL SEDE ORY H. J. C.
No. 2-25839	No.4981
on Ren. 06/30/2023	OF CALIFORT
CONSULTANT IN	FORMATION
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	$ \mathbf{A} $
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$\Delta$	-	-/-/-	XX
4	-	-/-/-	XX
$\Delta$	-	-/-/-	XX
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CHECKED	GHS		
DATE	11/2/2021		
JOB. NO.	SWA 21087		

SHEET ROOF FRAMING PLAN TITLE







RUCTURAL DETAILS	11	Hani Freudenberger DSA Structural		
RUCTURAL DETAILS	11	GStork		
ide additional explanation/justifica	ition***			
Drypack ts@4-0"o.c. typ. in shear periels				3
States	-			
. or 1.				
eorf. bottam @18" p.c.				
	8		ĺ	4





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No. C-25839	No.4981
OF CALIFOR	OF CALIFORM
CONSULTANT IN	IFORMATION
Stork, Wolfe, & As	sociates
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555 Chorro St., Ste. A1	San Luis Obispo, CA 93401

Fax (805) 548-8601

5	-	-/-/-	XX
$\underline{A}$	-	-/-/-	XX
$\bigtriangleup$	-	-/-/-	XX
$\bigtriangleup$	-	-/-/-	XX
$\Lambda$	-	-/-/-	XX
REVISION DRAWN	DESCRIPTION	DATE	BY
CHECKED	GHS		
DATE	11/2/2021		
JOB. NO.	SWA 21087		

SHEET STRUCTURAL DETAILS TITLE

SHEET

S-30'

