ADDENDUM TO BID DOCUMENTS



ADDENDUM 03

Project: Lydiksen Elementary School Modernization (2021-22.14)

Date: April 22, 2022

The following clarifications are provided based on questions received or changes in District requirements and must be added/considered when completing your submittal:

Acknowledgement of receipt of this **ADDENDUM** is required in the bid form. Please clearly note the addendum date and number.

Questions:

Q: On the plans it shows 2x2' ceiling tile on the specs it calls out 2x4' ceiling panels. Are they going to be 2x2' or 2x4' ceiling tiles?

A: Building "C" has 2x2 acoustical ceiling tiles and Building "E" has 2x4. Please refer to the plans. 2x2 ceiling tiles will be added to the specs. via addendum #3.

Q: The referenced plan sheets do not indicate the hardscape surface at the shade structure. Sheet S5.02 detail 12 notes top of pavement: SAD. Architectural plan A6.02 detail 6 notes T.O.C, (top of concrete) what is the slab section and finishes for the concrete. Is the intent to remove existing concrete at the new footings or the entire footprint of the shade structure.

A: The existing asphalt pavement under the proposed Shade structure to remain. Provide asphalt patching as required where the new foundation will be added for the Shade structure.

Attachments:

A. Aedis Addendum #3 (16 pages)

END OF ADDENDUM 03

April 22, 2022

Aedis Architects 387 S. First St., Suite 300 San Jose, CA 95113

Subject: Lydiksen Elementary Modernization

Pleasanton School District Aedis Project No. 2020029.002 DSA Application #01-119816

ADDENDUM NO. 3

CHANGES AND/OR CLARIFICATIONS OF THE DRAWINGS AND SPECIFICATIONS ARE AS FOLLOWS:

SPECIFICATIONS

ITEM NO. 3.1: SECTION 06 15 43 – CROSS LAMINATED TIMBER PANELS

Revise: The specification in its entirety per attached 06 15 43

ITEM NO. 3.2: SECTION 09 51 13 – ACOUSTICAL PANEL CEILINGS

Revise: PART-2 – PRODUCTS, C, item 3. "Size: 24" x 48" (Bldg. E); 24" x 24" (Bldg. C)"

DRAWINGS

ARCHITECTURAL

ITEM NO. 3.3: DRAWING SHEET A1.02 – SITE PLAN

Revise: Trench to new light pole per attached AD3-A1.02.

<u>ITEM NO. 3.4:</u> <u>DRAWING SHEET A3.01 – BUILDING C – FLOOR PLAN</u>

Revise: Walk-off extent at each classroom per attached AD3-A3.01

Revise: Keynote #2 per attached AD3-A3.01

Add: Writable surface with tag on floor plan per attached AD3-A3.01

Add: Keynote #12 per attached AD3-A3.01

ITEM NO. 3.5: DRAWING SHEET A6.02 – SHADE STRUCTURE PLAN & ELEVATIONS

Revise: Keynote 6 to read as "POWDER COATED ALUMINUM 2.25" DIA. RAIN CHAIN (BOD

- MONARCH) FROM THE BOTTOM OF G.S GUTTER CONNECTION TO STORM

ADDENDUM NO. 3 04/22/2022

Lydiksen Elementary School Modernization Pleasanton Unified School District Aedis Project No. 2020029.02

DRAIN AT FIN. GRADE, SEE DETAIL 20/A8.10"

<u>ITEM NO. 3.6:</u> <u>DRAWING SHEET A8.10 – EXTERIOR DETAILS</u>

Add: Rain chain detail per attached AD3-A8.10.

<u>ITEM NO. 3.7:</u> <u>DRAWING SHEET A12.01 – INTERIOR ELEVATIONS</u>

Add: Dimensions at Writable surface per attached AD3-A3.01

ITEM NO. 3.8: EXTERIOR PAINT AT BUILDING E & J (MULTI)

Add: Refer to attached DSA approved Increment #1 drawing Sheets 1-A6.02, 1-A6.03

for Paint scope

<u>ITEM NO. 3.9:</u> <u>DRAWING SHEET E1.1 – ELECTRICAL SITE PLAN</u>

Revise: Light pole location per attached AD3-E1.1

ITEM NO. 2.1: DRAWING SHEET E1.1P — ELECTRICAL SITE PLAN - PHOTOMETRICS

Revise: Photometrics calculation summary per the new site light layout AD3-E1.1P

Attachments:

Specifications:

06 15 43 CROSS LAMINATED TIMBER PANELS (5 Pages)

Drawing:

ARCHITECTURAL:

SHEET AD3-A1.02

SHEET AD3-A3.01

SHEET AD3-A8.10

SHEET AD3-A12.01

SHEET 1-A6.02

SHEET 1-A6.03

ELECTRICAL:

SHEET AD3-E1.1

SHEET ADE-E1.1P

ADDENDUM NO. 3 04/22/2022

Lydiksen Elementary School Modernization Pleasanton Unified School District Aedis Project No. 2020029.02



Aedis Architects Thang Do, Principal



Rolando Sotelo, Electrical Engineer Optimum Energy Design, Inc.

Division of the State ArchitectOffice Of Regulation Services

LYDIKSEN ES MODERNIZATAION Pleasanton Unified School District 2020029.02 ADDENDUM #3

SECTION 061543 - CROSS LAMINATED TIMBER PANELS

PART 1 GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to work of this section.

1.02 SUMMARY

- A. This Section includes Cross Laminated Timber (CLT) roof panels as shown on the drawings.
- B. Related Sections:
 - 1. Division 06 Section "Glued Laminated Construction", "Rough Carpentry", "Exterior Rough Carpentry".

1.03 REFERENCES

- A. ANSI D3737-18e1 Structural Glued Laminated Timber.
- B. AITC 405 and ASTM D2559-12a Standards for Wood Adhesives.
- C. ANSI A190.1-2017 Structural Glued-laminated.
- D. APA Standard for Performance Related CLT- ANSI/APA PRG 320/2019.

1.04 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: Include panel location plans, dimensions, shapes and sections, openings, support conditions, connections.
 - 1. Indicate locations, tolerances, and details of anchorage to supporting structure.
 - 2. Include and locate openings larger than 10 inches.
 - 3. Indicate location of CLT panel by same identification mark placed on panel.
 - 4. Indicate relationship of CLT panels to adjacent materials.
 - 5. Clearly indicate stress grade, service grade, appearance grade.
 - 6. Provide three dimensional models of all interfaces, CLT panels, secondary timber members, plus all connections.
- C. CLT supplier to provide a fully accurate three-dimensional (3D) model of the interfaces (supports, abutments, etc.), CLT panels, secondary timber members, plus all connections prior to submission of shop drawings. Model to be generated using CAD Work (compatible with AutoCAD 2011).
- D. Structural design calculations: When required by contract drawings provide CLT structural

LYDIKSEN ES MODERNIZATION Pleasanton Unified School District 2020029.02

ADDENDUM #3

design calculations, by a registered Professional Engineer.

E. CLT mill specification shall be provided as documentation for product quality assurance to the project IOR, special inspector and SEOR. CLT products shall be identified with certification marking per PRG 320 Section 8.8.

F. Samples:

- 1. Submit 1 sample of CLT panel; approximately 12 by 12 by 4 inches for field applied coatings by others.
- G. APA Product Report and Certified ANSI PRG 320 certificate.
- H. Local/Regional Materials: Indicate location of manufacturing facility including name, address and distance between manufacturing facility and the product site.
- I. VOC Content: Product data and material safety data sheets (MSDS) for the CLT adhesive used on the interior of the building indicating chemical composition and VOC content.

1.05 QUALITY ASSURANCE

- A. Manufacturer's Qualifications:
 - Certified by APA The Engineered Wood Association for compliance with ANSI/APA PRG 320/2019 and passed all of its testing standards.
- B. Design Standards: Comply with the National Design Specification for Wood Construction NDS 2015 applicable to types of CLT panels indicated.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Support units during shipment on non-staining material in same position as during storage.
- B. Individually wrap panels using plastic-coated paper covering with water-resistant seams. Slit underside to prevent accumulation of moisture inside the wrapping. Store panels off the ground with spacer blocks so air may circulate around all faces of panels. Take all necessary precautions to keep CLT dry and protected from UV light during and after installation.
- C. Store units with adequate bracing and protect units to prevent contact with soil and separated with striping (so air may circulate around all faces of members), to prevent staining, and to prevent cracking, distortion, warping or other physical damage.
 - 1. Place stored units so identification marks are clearly visible.
- D. Handle and transport units in a position consistent with their shape and design in order to avoid excessive stresses that would cause cracking or damage. Protect corners with wood blocking.
- E. Lift and support units only at designated points shown on Shop Drawings.
- F. Slit underside of membrane covering during storage at Site. Do not deface members.
- G. Cover top and sides with opaque moisture resistant membrane.

H. Maintain protection of CLT panel at all times during construction.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products as indicated on drawings by the following manufacturer;
 - Structurlam Products Ltd, 2176 Government Street, Penticton, B.C., Canada V2A 8B5. USA: Kris Spickler, 916-797-5588, <u>kspickler@structurlam.com</u> Northern California, Alex Zelaya, 628-777-4109, <u>azelaya@structurlam.com</u>
 - 2. Kalesnikoff, Suite 511 550 W. Broadway St. Vancouver BC, Canada V5Z 0E9, USA: Chris Kalesnikoff, 250-399-4211, chrisk@kalesnikoff.com
 - 3. Nordic Structures, 1100 av. Canadiens-de-Montreal, Suite 100, Montreal (Quebec) H3B 2S2: David Croteau, 514-712-9663, david.croteau@nordic.ca
 - 4. Substitutions: Alternate products will only be permitted if written approval and acceptance is obtained by both architects and owner at least 7 days prior to the bid date

2.02 MATERIALS

- A. Wood Species –No.1/No.2 Spruce-Pine-Fir and where Visual grade surface is required use SPF No.1/No.2 "J" Grade or Douglas fir #2 SE for Cross Laminated Timber (CLT) panels.
- B. Adhesives in compliance with ANSI A190.1, DIN 68141 and EN301 and EN302.
 - 1. Acceptable Product: Purbond X202 from Henkel

2.03 ACCESSORIES

- A. Steel Connectors: Galvanized Steel.
- B. Wrapping Material: Weatherproof, lightproof, stain free material. Cut holes on site and underside of wrapping to avoid accumulation of condensation.

2.04 FABRICATION

- A. Fabricate Cross Laminated Timber (CLT) members in accordance with ANSI/APA PRG 320/2019 except where specified otherwise and to following classifications. Use multiple layers of ¾ in minimum to 1.5 in maximum thick laminations.
- B. Service grade: interior or exterior as located on drawings.
- C. Appearance Classification:

LYDIKSEN ES MODERNIZATION

Pleasanton Unified School District 2020029.02

ADDENDUM #3

- 1. Non-Exposed (where panels are concealed):
 - a. Shake and checks allowed, shall not exceed 36" or ¼ of the length.
 - b. Heart or blue stain allowed, not limited.
 - c. Knots well-spaced, quantity not limited.
 - d. Minimal wane on face.
 - e. Side pressure on exposed face not required.
- 2. Exposed (where panels are in view in final construction):
 - a. Utilize SPF "J" Grade or DF #2 SE lumber at the exposed visual grade face only.
 - b. Knots: NLGA Select Structural limitation. Select tight knot.
 - c. Pitch streaks not permitted.
 - d. Wane on face not permitted.
 - e. Side pressure on exposed faces required.
- D. Cross Laminated Timber (CLT) members to be fabricated with 1/4" chamfers on long sides.
- E. Cross Laminated Timber (CLT) members to be joined at panel edges using a continuous spline as indicated on drawings.
- F. Mark members for identification during erection. Ensure that marks will be concealed in final assembly for appearance grade members. Clearly mark top surface.
- G. Coat all cuts, holes and slots.
- H. Field apply sealer to all sides of laminated members. Double coat ends of laminated members.
- I. All structural steel connecting CLT panel elements to each other and shall be detailed, and if supplied, test fitted in the shop by the CLT supplier.

PART 3 EXECUTION

3.01 EXAMINATION:

- A. Prior to fabrication, check all dimensions relating to this section of work. Report any discrepancies to Engineer.
- B. Prior to site erection, examine all site conditions and ensure an acceptable condition.

3.02 INSTALLATION

- A. Erect CLT panels in accordance with final reviewed shop drawings.
- B. Apply sealer to all sides of panels. Double coat all panels edges, cuts, holes, and other cross-cut surfaces. Submit proposed sealer for review and approval.
- C. Mark panels for identification during erection. Ensure that marks will be concealed form view in final assembly. Clear mark top surface.
- D. Make adequate provision for possible erection stresses. Set panels level and plumb to correct positions. Securely brace panels and anchor in place to maintain plumb until permanently

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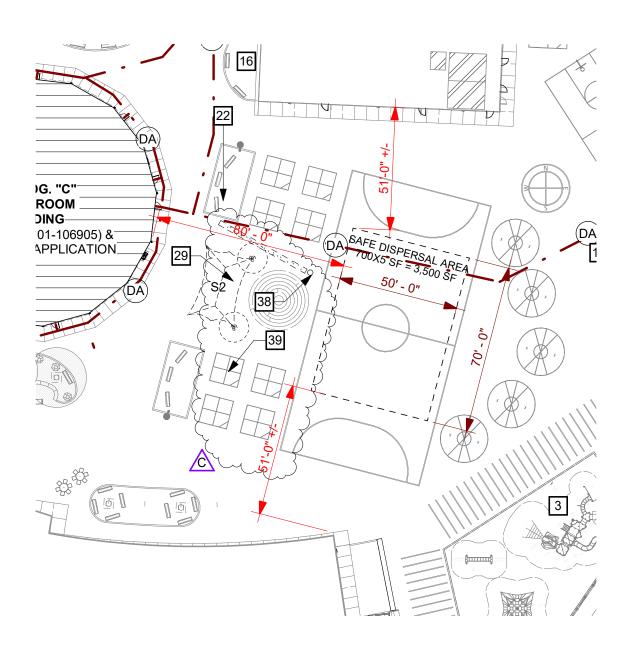
secured by finished structure.

- E. Fit CLT panels closely and accurately, without trimming, cutting or other modifications, unless approved in writing by Engineer.
- F. Site cutting or boring of CLT panels, other than shown on shop drawings not permitted without written consent of Engineer. Coat all field-cut opening with minimum two coats of clear sealer.
- G. Provide moisture barrier all locations where panels abut concrete or masonry construction.

3.03 CLEANING

- A. Clean exposed surfaces of CLT panels after erection and completion of field touch up.
 - 1. Perform cleaning procedures, if necessary, according to CLT manufacturer's written recommendations, Protect other work from staining or damage due to cleaning operations.
 - 2. Do not use cleaning materials or processes that could change the appearance of exposed CLT panels or damage adjacent materials.

END OF SECTION







LYDIKSEN ELEMENTARY SCHOOL **MODERNIZATION** PLEASANTON UNIFIED SCHOOL DISTRICT

SHEET

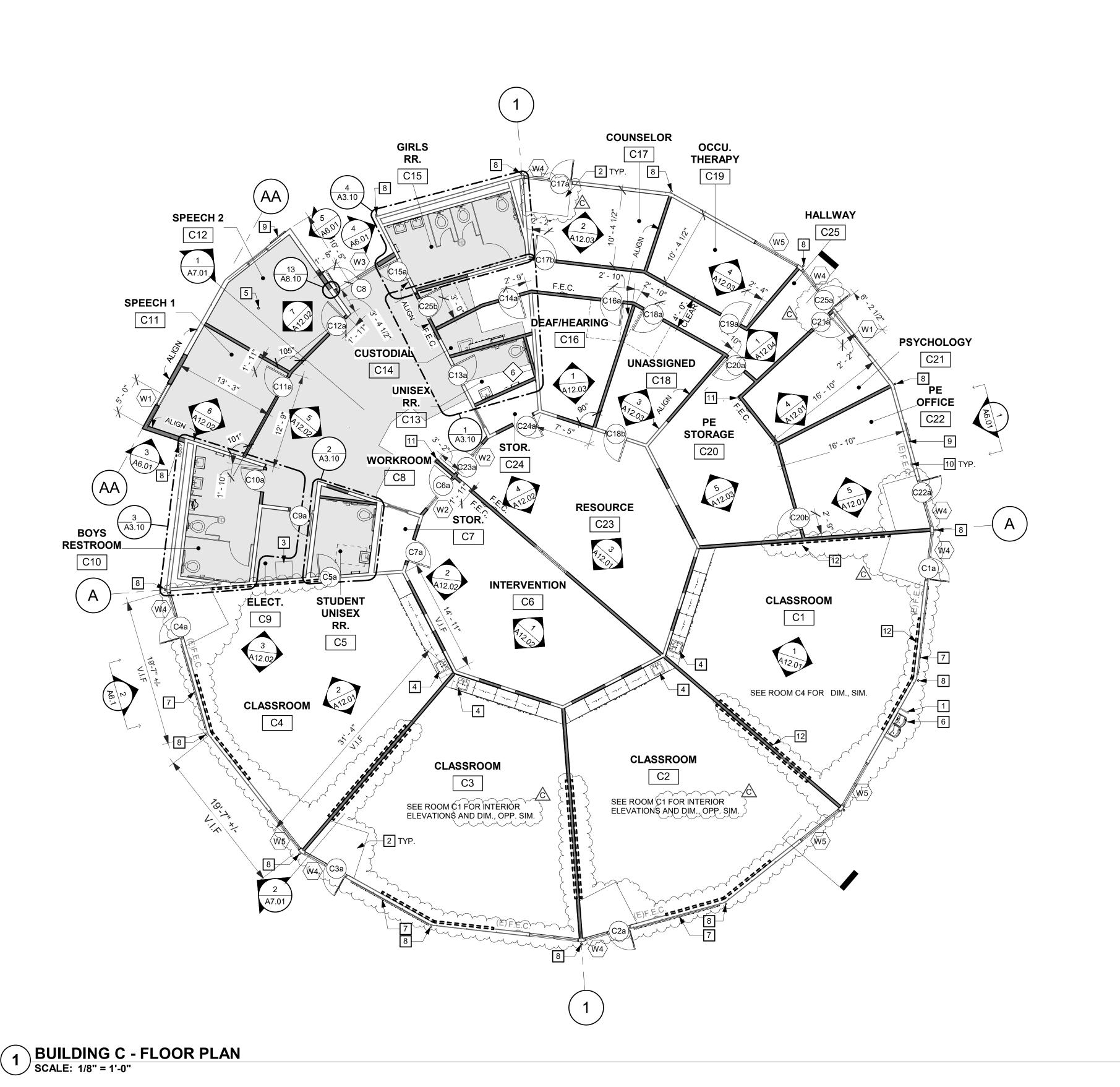
FILE NO.: 1-32 APPL NO.: 01-119816 JOB NO. 2020029.02

04/21/22

AD3-A1.02

387 S. 1st Street, Suite 300 San Jose, CA., 95113

tel: (408) 300 - 5160 fax: (408) 300 - 5121 DATE



GENERAL SHEET NOTES

I EXISTING PLUMBING NOT IN USE FOR THE PROPOSED DESIGN, TO BE REMOVED. PATCH AND PREPARE THE WALL TO RECIEVE NEW FINISHES

- J PROVIDE 6" CONCRETE CURB AT ALL EXTERIOR WALLS AND TOILET ROOM WALLS.
- K PROVIDE WALL BLOCKING AT ALL TOILET FIXTURE AND ACCESSORY MOUNTING LOCATIONS AS REQUIRED.
- L ALL TOILET ROOM STUD WALLS SHALL HAVE NEW SOUND ATTENUATION INSULATION.
- M WATER SUPPLY AND DRAIN PIPES ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE OBJECTS OR SURFACES UNDER LAVATORIES, TYP.

(E) 18" DX 36"H ALCOVE RAIL TO REMAIN AND PROTECTED DURING THE CONSTRUCTION,

D.A. HI-LOW DRINKING FOUNTAIN WITH HYDRATION STATION, SEE DETAIL 6/A8.10

N REFER TO FINISH PLAN AND SCHEDULE FOR IDENTIFICATION OF ALL FINISHES.

LINE OF GLUE DOWN WALK-OFF MAT AT EXTERIOR DOOR ENTRY

3" DIA. RWL, SEE FLOOR PLAN AND DETAILS 7/A8.10 & 9/A8.10.
BUILDING NAME SIGNAGE, 36" HIGH ARIAL FONT, PAINT TYP.

(E) FIRE EXTINGUISHER TO REMAIN, PROTECT DURING CONSTRUCTION

P PATCH EXISTING GYPBOARD CEILING AT NEW WALLS .

NEW FLOOR PLAN KEYNOTES

PAINTED DSA #01-106905.

D.A. SINK, S.P.D & DETAIL 3/A11.02 (E) COLUMN TO REMAIN, PAINTED, TYP.

BACKPACK HOOK RACK, SEE DETAIL 5/A8.10.

4'-0" HIGH CORNER GUARD, SEE DETAIL 5/A9.06.

WRITABLE SURPACE SEE ELEVATION FOR LOCATION

(E) TRANSFORMER

aedis

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LYDIKSEN
ELEMENTARY
SCHOOL
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PLEASANTON UNIFIED

SCHOOL DISTRICT

CONSULTANT

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STATE

DSA FILE NUMBER

1-32

APPL # 01-119816

REVISIONS

No. Description Date

Addendum 3 04/22/22

GRAPHIC KEY

NEW STUD WALL.

EXSTING STUD WALL.

FIXTURE TYPES:

NEW SEMI RECESSED FIRE EXTINGUISHER CABINET.

EXISTING SEMI RECESSED FIRE EXTINGUISHER CABINET.

F.E.C. (E) F.E.C.

FIRE EXTINGUISHER CABINET

CONCRETE TOPPING SLAB TO MATCH (E) FINISH FLOOR AT RESOURCE AND INTERVENTION ROOM.

KEY PLAN

MPR
"J"
"S3"
"B"
"B"
"D"

N

MILESTONES

SD 06/28/2021

DD 08/23/2021

50% CD 09/20/2021

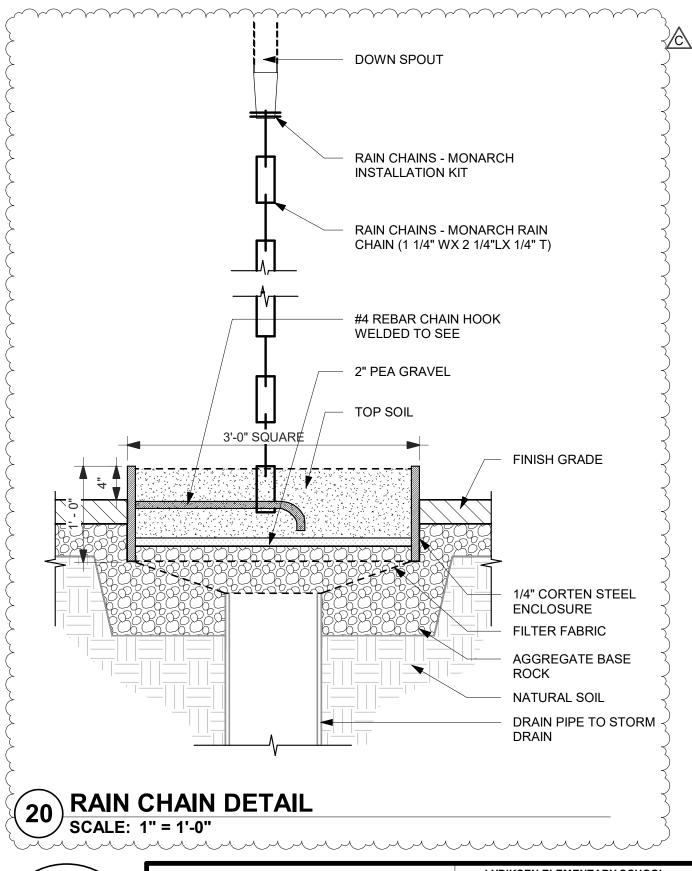
90% CD 10/14/2021

DSA SUB 10/19/2021

BUILDING C -FLOOR PLAN

DATE 02/15/2022 O20029.02

AD3-A3.01







LYDIKSEN ELEMENTARY SCHOOL
MODERNIZATION
PLEASANTON UNIFIED SCHOOL DISTRICT

SHEET

FILE NO.: 1-32

APPL NO.: 01-119816

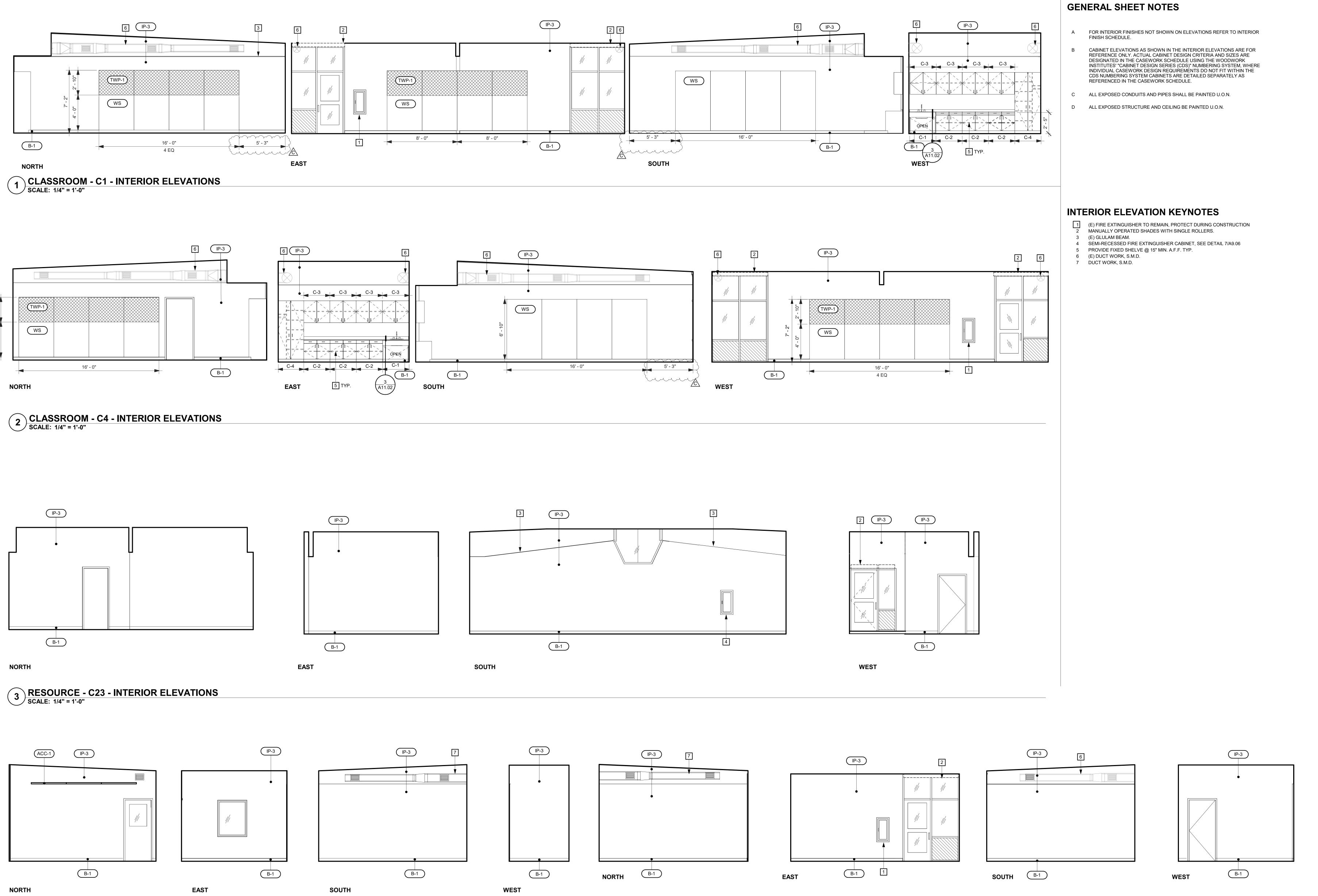
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On 11-119816 AD3-A8.10

387 S. 1st Street, Suite 300 San Jose, CA., 95113

tel: (408) 300 - 5160 DATE

DATE **04/21/22**



5 PE OFFICE - C22 - INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

PSYCHOLOGY - C21 - INTERIOR ELEVATIONS

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

architects

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PROJECT LYDIKSEN ELEMENTARY SCHOOL **MODERNIZATION**

PLEASANTON UNIFIED SCHOOL DISTRICT

CONSULTANT

DSA FILE NUMBER 01-119816

REVISIONS

No. Description Date

Addendum 3 04/22/22

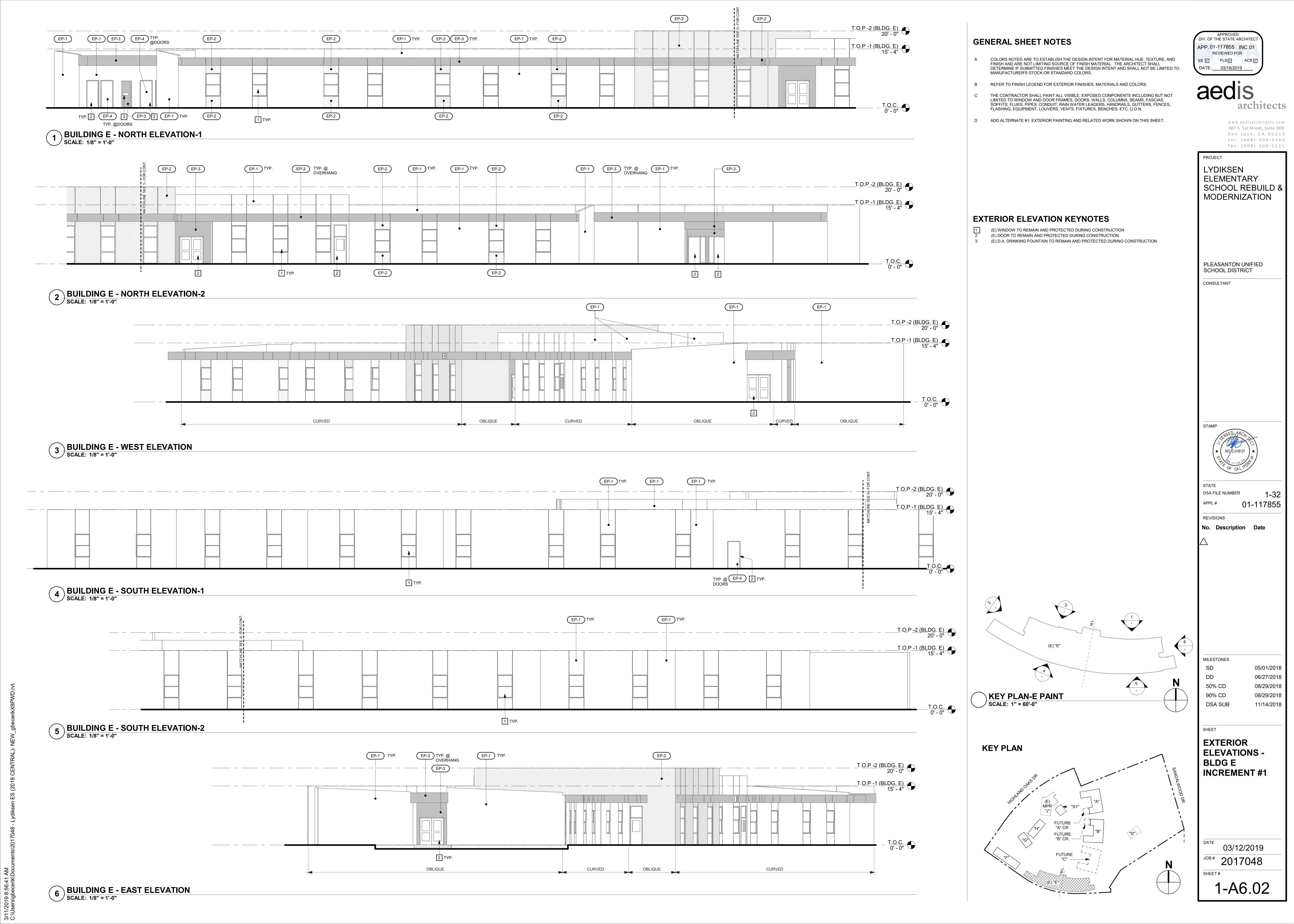
MILESTONES SD 06/28/2021 DD 08/23/2021 09/20/2021

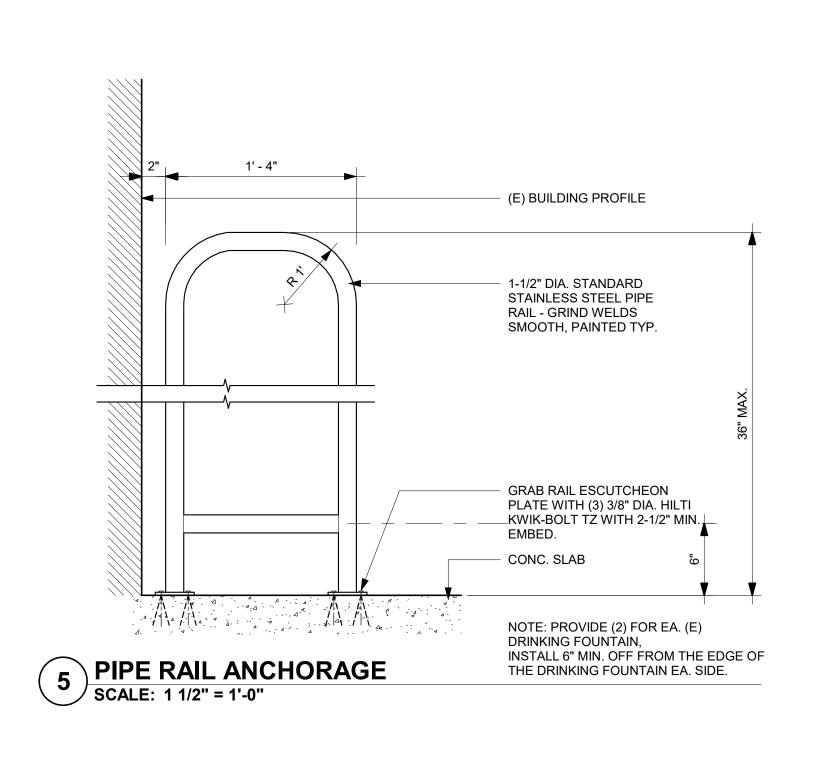
50% CD 90% CD 10/14/2021 DSA SUB 10/19/2021

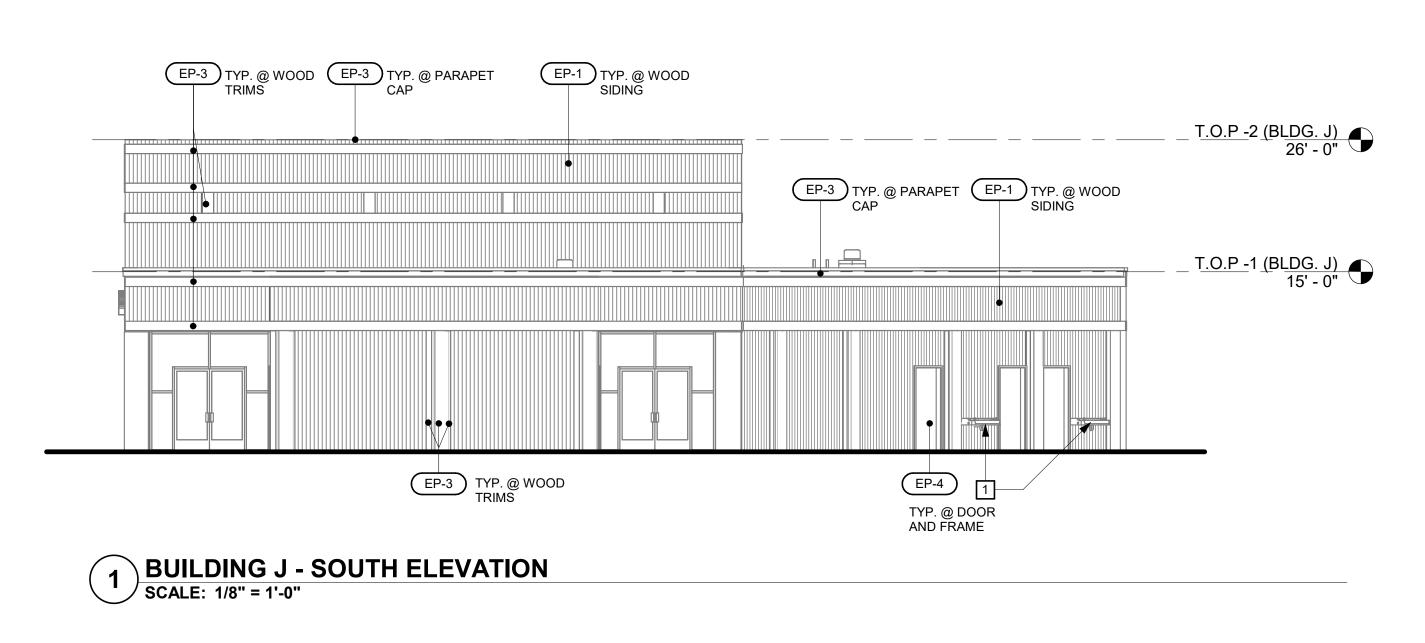
INTERIOR ELEVATIONS

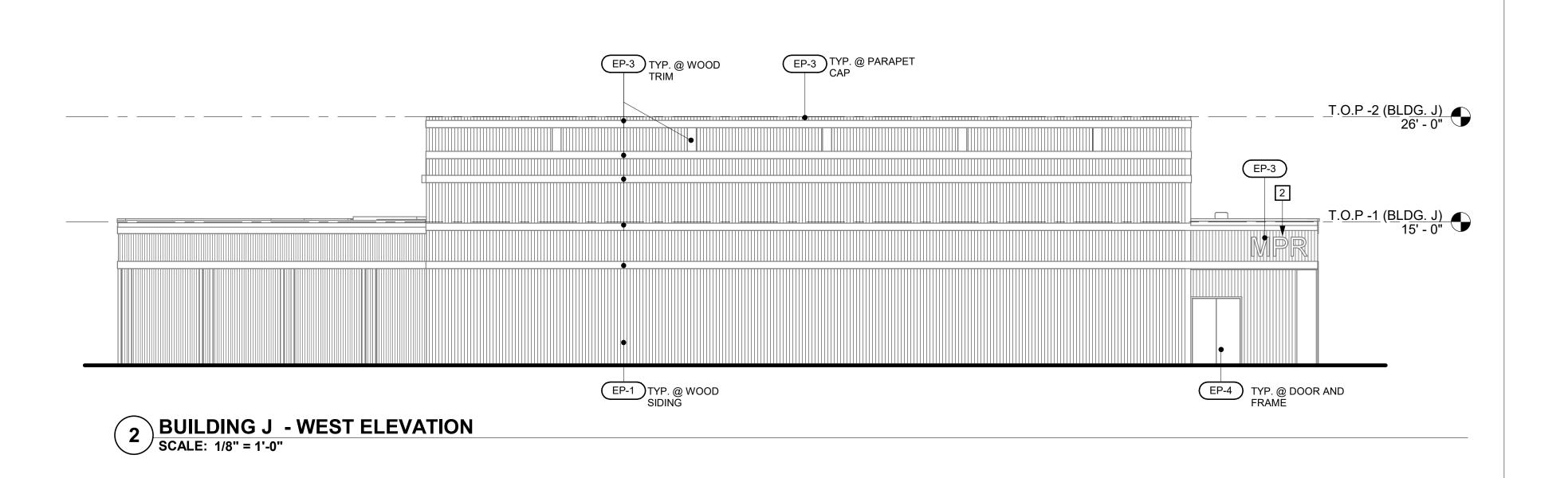
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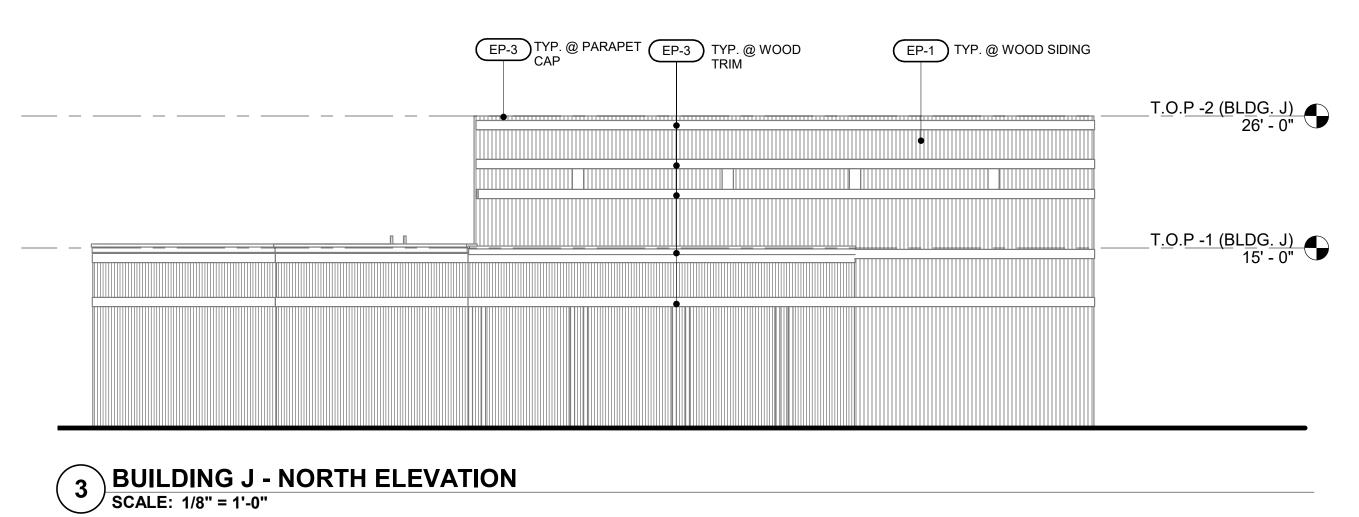
02/15/2022 JOB# 2020029.02 AD3-A12.01

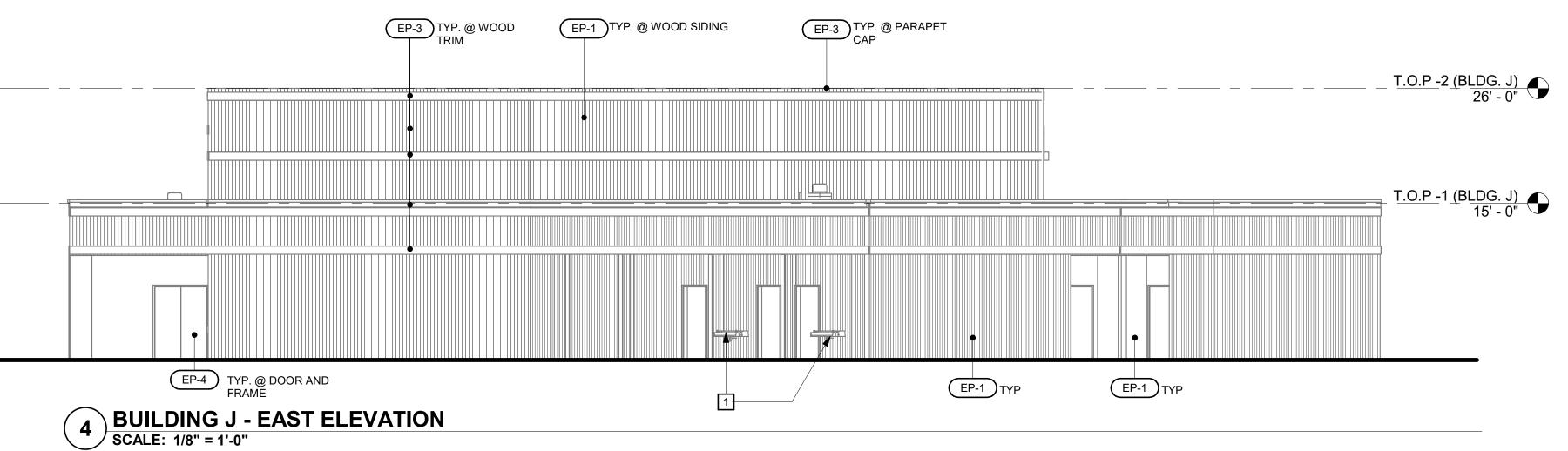












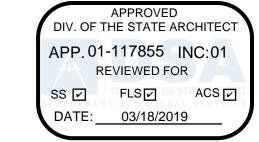
GENERAL SHEET NOTES

- COLORS NOTED ARE TO ESTABLISH THE DESIGN INTENT FOR MATERIAL HUE, TEXTURE, AND FINISH AND ARE NOT LIMITING SOURCE OF FINISH MATERIAL. THE ARCHITECT SHALL DETERMINE IF SUBMITTED FINISHES MEET THE DESIGN INTENT AND SHALL NOT BE LIMITED TO MANUFACTURER'S STOCK OR STANDARD COLORS.
- B REFER TO FINISH LEGEND FOR EXTERIOR FINISHES, MATERIALS AND COLORS.
- C THE CONTRACTOR SHALL PAINT ALL VISIBLE, EXPOSED COMPONENTS INCLUDING BUT NOT LIMITED TO WINDOW AND DOOR FRAMES, DOORS, WALLS, COLUMNS, BEAMS, FASCIAS, SOFFITS, FLUES, PIPES, CONDUIT, RAIN WATER LEADERS, HANDRAILS, GUTTERS, FENCES, FLASHING, EQUIPMENT, LOUVERS, VENTS, FIXTURES, BENCHES, ETC. U.O.N.
- D ADD ALTERNATE #1: EXTERIOR PAINTING AND RELATED WORK SHOWN ON THIS SHEET.

(E) D.A. DRINKING FOUNTAIN, DSA #55285. ADD RAILS ON BOTH SIDE PER DETAIL 5/1-A6.03, PART OF INCREMENT #1

(E) SIGNAGE TO REMAIN AND PAINTED, REFER TO FINISH SCHEDULE

EXTERIOR ELEVATION KEYNOTES



PROJECT

aedis

www.aedisarchitects.com 387 S. 1st Street, Suite 300 San Jose, CA 95113 tel: (408)-300-5160 fax: (408)-300-5121

LYDIKSEN ELEMENTARY SCHOOL REBUILD & MODERNIZATION

PLEASANTON UNIFIED SCHOOL DISTRICT

CONSULTANT

TATE

DSA FILE NUMBER 1-32
APPL # 01-117855

REVISIONS

No. Description Date

No. Description Date

MILESTONES

SD 05/01

DD 06/27

SD 05/01/2018 DD 06/27/2018 50% CD 08/29/2018 90% CD 08/29/2018 DSA SUB 11/14/2018

EXTERIOR
ELEVATIONS &
DETAILS - BLDG
J INCREMENT #1

DATE 03/12/2019
JOB # 2017048

1-A6.03

KEY PLAN-J PAINT
SCALE: 1" = 60'-0"

KEY PLAN

KEY PLAN

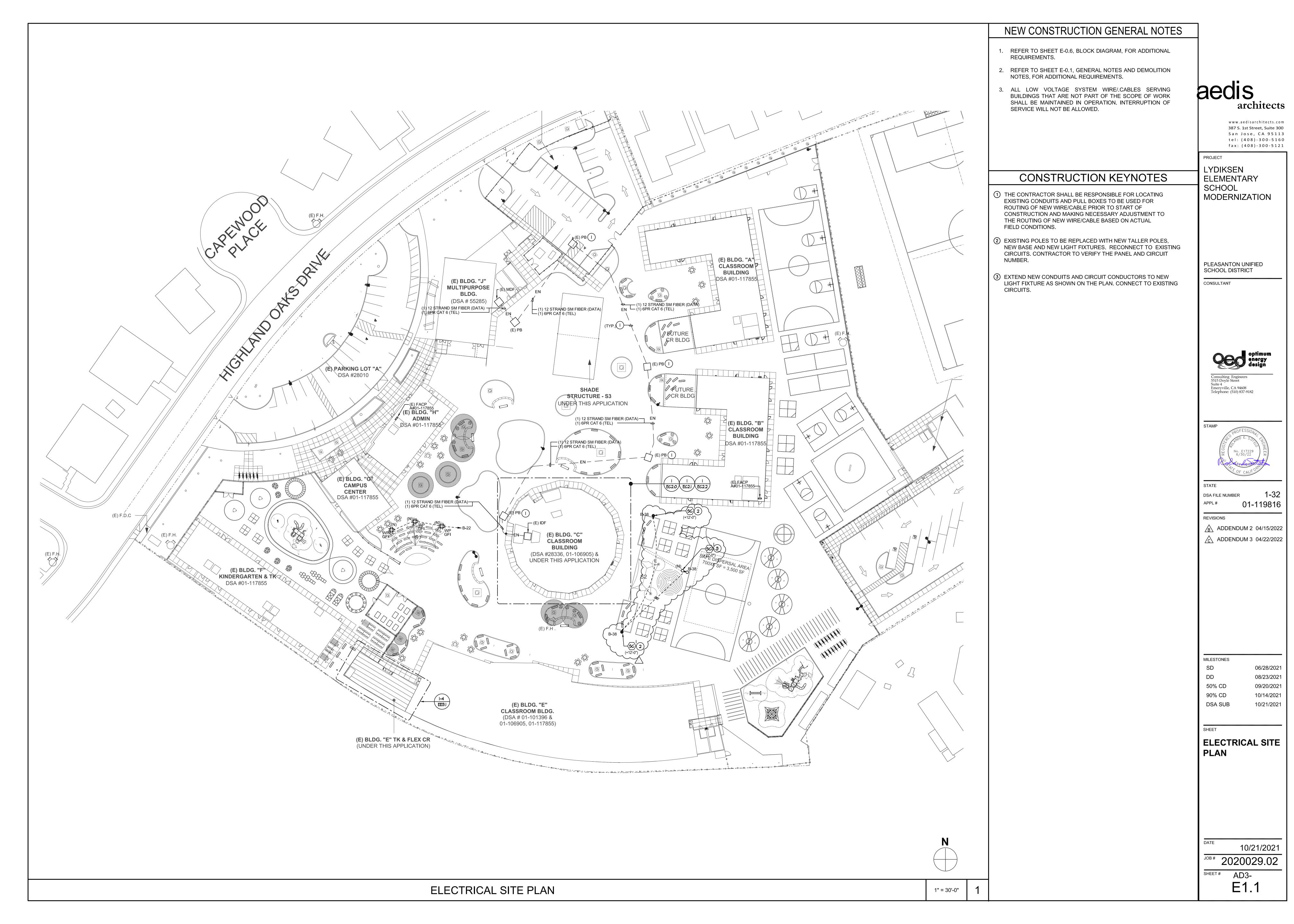
FUTURE
"A" CR.
FUTURE
"B" CR.

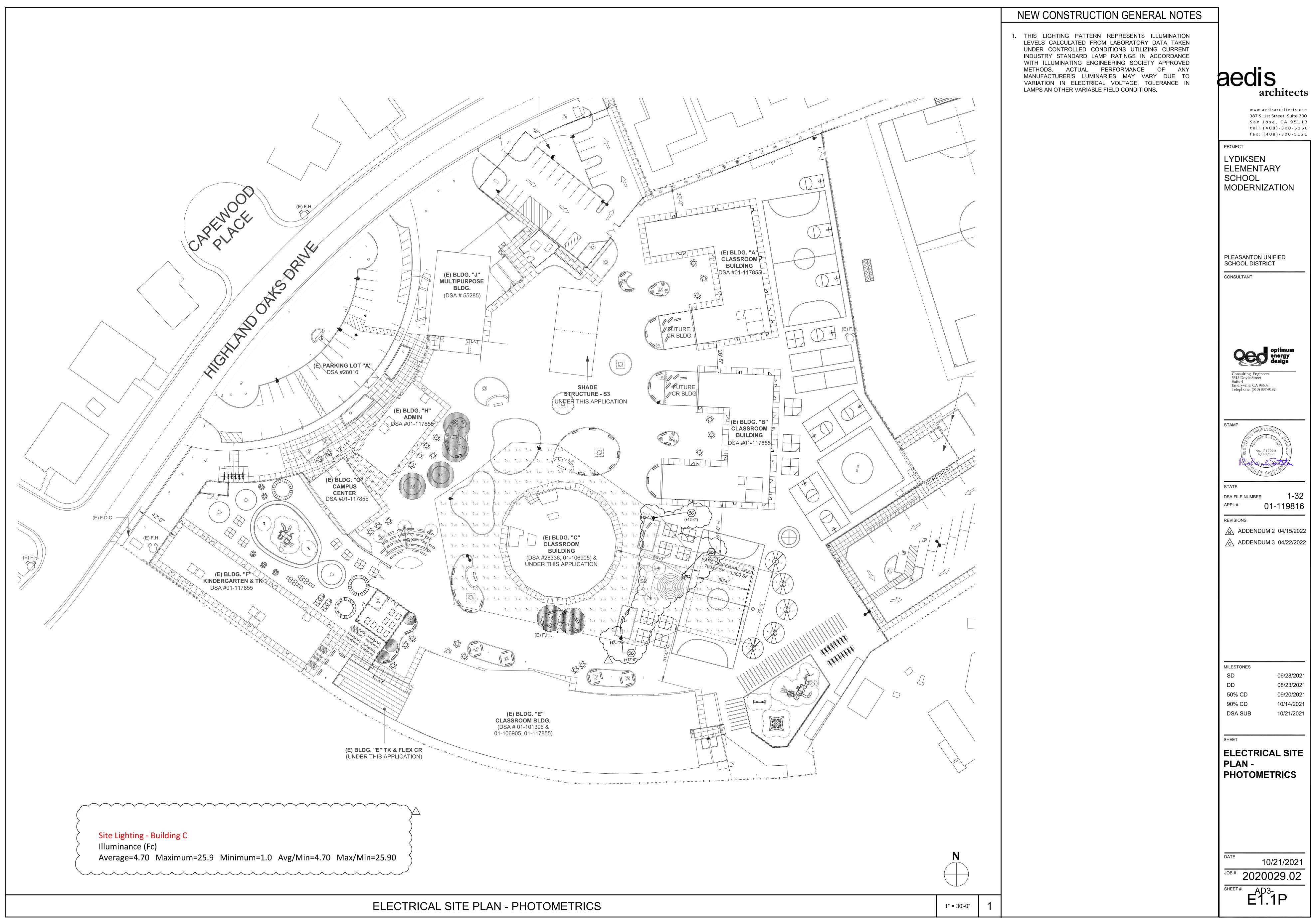
FUTURE
"B" CR.

FUTURE
"C"

(E) MPR "J"

"D"





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