

# CHABOT COLLEGE

# BUILDING 2400 & 3800

## DEMOLITION AND SITEWORK

25555 HESPERIAN BLVD, HAYWARD, CA 94545

## CHABOT LAS POSITAS COMMUNITY COLLEGE DISTRICT

## CONSTRUCTION DOCUMENTS

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-122568 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 8/28/2025

aedis  
architects

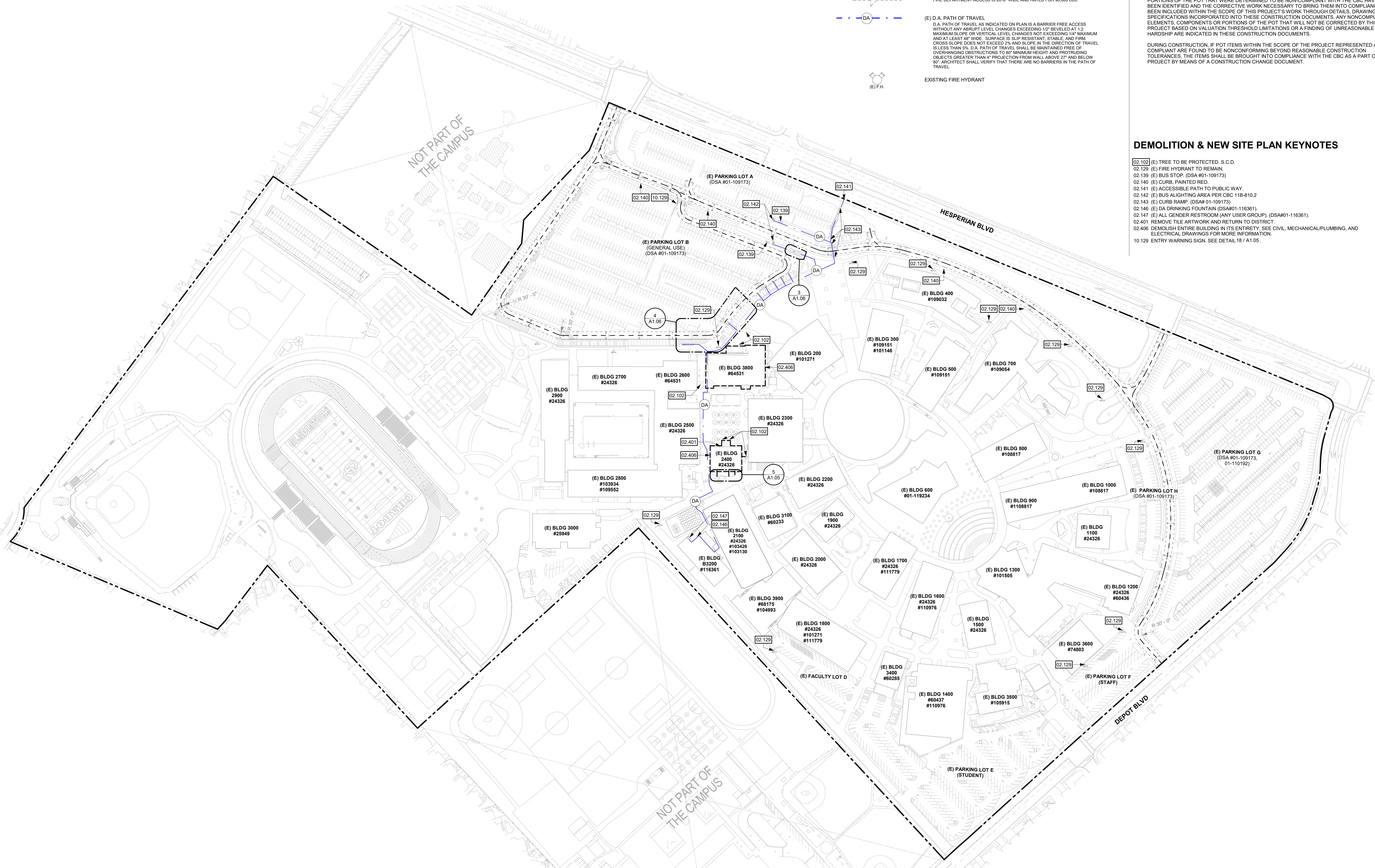
w w w . a e d i s a r c h i t e c t s . c o m  
333 W. Santa Clara Street, Suite 900  
San Jose, CA 95113  
tel: (408) 300-5160  
fax: (408) 300-5121

PROJECT  
CHABOT COLLEGE  
BUILDING 2400 & 3800  
DEMOLITION AND  
SITEWORK

DSA FILE NUMBER  
DSA APP. NUMBER

1-C2  
01-122568

<b>ABBREVIATIONS</b> <p>         &amp; AND          @ AT          A.B. ANCHOR BOLT          A.DV. ASPHALTIC CONCRETE          A.C. ACOUSTIC TILE          ACT. ADJUSTABLE          A.F. ABOVE FINISHED FLOOR          A.LUM. ALUMINUM          A.P. ACCESS PANEL          APPROX. APPROXIMATELY          ARCH. ARCHITECT          BD. BOARDS          BLDG. BUILDING          BLKG. BLOCKING          BM. BENCH MARK          BOT. BOTTOM          BTW. BETWEEN          B.W. BOTH WAYS            CAB. CABINET          C.B. CATCH BASIN          C.C. or O.C. CENTER TO CENTER          CEM. CEMENT          CER. TILE CERAMIC TILE          C.G. CERAMIC GUARD          C.I. CAST IRON          C.J. CONTROL JOINT          C.L. CEMENT          CLKG. CAULKING          CLR. CLEAR          CMU CONCRETE MASONRY UNIT          CNTR. COUNTER          C.O. CLEANOUT          COLUMN          CONC. CONCRETE          CONST. CONSTRUCTION          CONTR. CONTINUOUS          CONTRACTOR          C.P. CONCRETE PIPE          CTR. CENTER          CTSK. COUNTER SUNK          C.W. COLD WATER            D.A. DISABLED ACCESS          DBB. DOUBLE          D.F. DRINKING FOUNTAIN          D.FIR. DOUGLAS FIR          D.I. DIA. DIAMETER          D.I.D. DIMENSION          DISP. DISPOSITION          DN. DITTO          DO. DOOR          DR. DROPSPOUT          DWG. DRAWING            (E) EXISTING          EA. EACH          EXP. EXPANSION JOINT          ELEC. ELECTRIC or ELECTRICAL          EL. ELEVATION          ENCL. ENCLOSURE and/or ENCLOSURE          EQ. EQUIPMENT          E.W. EACH WAY          E.W.C. ELECTRIC WATER COOLER          EXP. EXPOSED          EXT. EXTERIOR            F.A. FIRE ALARM          F.D. FLOOR DRAIN          FDN. FOUNDATION          F.E. FIRE EXTINGUISHER          F.E.C. FIRE EXTINGUISHER CABINET          F.H. FIRE HYDRANT          F.H.C. FIRE HOSE CABINET          F.H.M.S. FLAT HEAD MASONRY SCREW          F.H.W.S. FLAT HEAD WOOD SCREW          FIN. FINISH          F.L. or FLR. FLOOR          F.O.C. FACE OF CONCRETE          F.O.C. FACE OF MASONRY          F.O.S. FACE OF STUD          F.S. FLOOR          FT. FOOT OR FEET          FTG. FOOTING          FURR. FURRING            GALV. GALVANIZED          G.B. GRAB BAR          G.I. GLAZED CONCRETE          GL. GLASS          GLU-LAM. GLUE-LAMINATED          GRD. GROUND          GR. GRADE          GYP. GYPSUM            H.B. HOSE BIBB          H.C. HOLLOW CORE          HOWD. HOLLOW          HDWR. HARDWARE          H.M. HOLLOW METAL          HORZ. HORIZONTAL          HT. HEIGHT            ID. INSIDE DIAMETER          INSUL. INSULATION          INT. INTERIOR          INV. INVERT            JAN. JANITOR          JT. JOINT            K.D. KILN DRIED       </p>		<b>BOARD OF TRUSTEES</b> <p>         LAB. LABORATORY          LAM. LAMINATE          LAV. LAVATORY          LCKR. LOCKER          LT. LIGHT            MAX. MAXIMUM          M.B. MACHINE BOLT          M.C.H. MECHANICAL          MFR. MANUFACTURER          M.H. MANHOLE          MIN. MINIMUM          MIR. MIRROR          MISC. MISCELLANEOUS          M.O. MACHINE SCREW          M.S. MOUNTED          MUL. MULLION            (N) NEW          N. NORTH          N.C. NORTH CONTRACT          NO. or # NUMBER          NOM. NOMINAL          N.O.T. NOT TO SCALE            O.C. OBSOLETE          ON CENTER          OCC. OCCUPANT(S)          O.D. OUTSIDE DIAMETER          O.F.O.S. OWNER FURNISHED AND CONTRACTOR INSTALLED          O.F.C.I. OWNER PROVIDED          OPNG. OPENING          OPR. OPPOSITE            P.A.F. POWDER ACTUATED FASTENER          PL. PLATE          P.L. PROPERTY LINE          PLAS. PLASTER          PLAS. PLASTER LAMINATE          PLYWD. PLYWOOD          PLYWD. PLYWOOD          PRT. PAINTED          PTD. PARTITION          PTL. PARTITION            Q.T. QUARRY TILE            R. RAD. RADIUS          R.C.P. REINFORCED CONCRETE PIPE          R.D. ROD          R.F. RIM ELEVATION          REF. REFERENCE          R.E.D. READING          RECD. REQUIRED          R.H.M.S. ROUND HEAD METAL SCREW          RM. ROOM          R.O. ROUGH OPENING          RWD. RWOOD          R.W.L. RAIN WATER LEADER            S. SOUTH          S.A.D. SEE ARCHITECTURAL DRAWINGS          S.C.D. SEE CIVIL DRAWINGS          S.D. SCHEDULE          S.F. SEE FLOOR DRAWINGS          S.F. SEE FOOT          S.F.C. SEE FOOT          S.F.T. SEE FOOT          SIM. SIMILAR          S.I.D. SEE LINE-SCAPE DRAWINGS          S.M. SEE MECHANICAL DRAWINGS          S.M. SEE MECHANICAL DRAWINGS          S.O.V. SEE OFF-VALVE          S.P.D. SEE PLUMBING DRAWINGS          S.P.C. SPECIFICATIONS          S.Q. or Ø SQUARE          S.S. STAINLESS STEEL          S.T. SEE STRUCTURAL DRAWINGS          STAG. STAGED          STD. STANDARD          STOR. STOREAGE          STRUCT. STRUCTURAL          S.T.M.S. STAINLESS STEEL          SUSP. SUSPENDED            T &amp; G. TONGUE &amp; GROOVE          TEL. TELEPHONE          TERR. TERRAIN          THRESH. THRESHOLD          T.J. TOLED JOINT          T.O.B. TOP OF BULL          T.O.C. TOP OF CURB or SLAB          T.O.S. TOP OF SLAB          T.O.W. TOP OF WALL          TYP. TYPICAL            U.O.N. UNLESS OTHERWISE NOTED            VERT. VERTICAL          V.C.P. VITRIFIED CLAY PIPE          V.C.T. VINYL COMPOSITION TILE          V.G. VITRIFIED GRAIN          V.I.F. VERIFY IN FIELD          V.T.R. VENT THROUGH ROOF          V.W.C. VITRIFIED WALL COVERING            W. WEST          W/ WITH          W.C. WATER CLOSET          W.D. WATER DRAIN          W.H. WATER HEATER          W.I.D. WATER IN DRAIN          W.I.C. WHERE IT OCCURS          WP. WATERPROOF / WEATHERPROOF          WP. WORKING POINT          W.R. WATER RESISTANT          WT. WEIGHT       </p>	<b>CONSULTANTS</b> <p> <b>MECHANICAL</b>          LINDA GRANGER (PRESIDENT)          HARRIS MOJADEDI (SECRETARY)          HECTOR GARCIA (MEMBER)          HAL G. GIN (MEMBER)          STEVE LANZA (MEMBER)          MARIA L. HEREDIA (MEMBER)    <b>CHANCELLOR</b>          RONALD P. GERHARD       </p> <p> <b>CIVIL</b>          SALAS O'BRIEN          305 S 11TH ST.          SAN JOSE, CA 95112          (408) 899-3115       </p> <p> <b>ELECTRICAL</b>          CARROLL ENGINEERING          1101 S. WINCHESTER BLVD.          SAN JOSE, CA 95128          (408) 261-9800       </p>	<b>APPLICABLE CODES</b> <ol style="list-style-type: none"> <li>2025 BUILDING STANDARDS ADMINISTRATION CODE (PART 1, TITLE 24, CCR)</li> <li>2022 CALIFORNIA BUILDING CODE (PART 2, VOLUMES 1 AND 2, TITLE 24, CCR)</li> <li>2022 CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24, CCR)</li> <li>2022 CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24, CCR)</li> <li>2022 CALIFORNIA PLUMBING CODE (PART 5, TITLE 24, CCR)</li> <li>2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)</li> <li>2022 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)</li> <li>2022 CALIFORNIA EXISTING BUILDING CODE (PART 10, TITLE 24, CCR)</li> <li>2022 CALGREEN BUILDING STANDARDS CODE (PART 11, TITLE 24, CCR)</li> <li>2022 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)</li> <li>TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS</li> </ol>	<b>DEFERRED APPROVAL ITEMS</b> <p>1. NONE</p>	<b>DRAWING INDEX</b> <p><b>ARCHITECTURAL</b></p> <table border="1"> <tr> <td>T1</td> <td>TITLE SHEET</td> </tr> <tr> <td>A1.01</td> <td>DEMOLITION AND NEW SITE PLAN</td> </tr> <tr> <td>A1.02</td> <td>SITE DETAILS</td> </tr> <tr> <td>A1.06</td> <td>ENLARGED SITE PLAN</td> </tr> </table> <p><b>CIVIL</b></p> <table border="1"> <tr> <td>C1.1</td> <td>NOTES &amp; LEGEND</td> </tr> <tr> <td>C1.1</td> <td>DEMOLITION PLAN</td> </tr> <tr> <td>C2.1</td> <td>GRADING &amp; DRAINAGE PLAN</td> </tr> <tr> <td>C3.1</td> <td>DETAILS</td> </tr> </table> <p><b>MECHANICAL</b></p> <table border="1"> <tr> <td>MP0.00</td> <td>MECHANICAL/PLUMBING GENERAL NOTES, SYMBOLS, &amp; ABBREVIATIONS</td> </tr> <tr> <td>MPD1.00</td> <td>MECHANICAL/PLUMBING SITE PLAN - DEMO</td> </tr> <tr> <td>MPD1.01</td> <td>MECHANICAL/PLUMBING PARTIAL SITE PLAN - DEMO</td> </tr> <tr> <td>MPD4.01</td> <td>MECHANICAL/PLUMBING B3800 FLOOR PLAN - DEMO</td> </tr> <tr> <td>MPD4.02</td> <td>MECHANICAL/PLUMBING B2400 FLOOR PLAN - DEMO</td> </tr> </table> <p><b>ELECTRICAL</b></p> <table border="1"> <tr> <td>ED.00</td> <td>ELECTRICAL GENERAL NOTES, SYMBOLS, &amp; ABBREVIATIONS</td> </tr> <tr> <td>ED1.00</td> <td>ELECTRICAL SITE PLAN - DEMO</td> </tr> <tr> <td>ED1.01</td> <td>ELECTRICAL PARTIAL SITE PLAN - DEMO</td> </tr> <tr> <td>E1.01</td> <td>ELECTRICAL PARTIAL SITE PLAN - NEW</td> </tr> <tr> <td>ED4.01</td> <td>ELECTRICAL FLOOR PLAN - DEMO</td> </tr> <tr> <td>ED4.02</td> <td>ELECTRICAL FLOOR PLAN - DEMO</td> </tr> <tr> <td>ED7.01</td> <td>ELECTRICAL SINGLE LINE DIAGRAM - DEMO</td> </tr> <tr> <td>ED7.02</td> <td>ELECTRICAL FIBER OPTIC CABLE RISER DIAGRAM - DEMO</td> </tr> </table>	T1	TITLE SHEET	A1.01	DEMOLITION AND NEW SITE PLAN	A1.02	SITE DETAILS	A1.06	ENLARGED SITE PLAN	C1.1	NOTES & LEGEND	C1.1	DEMOLITION PLAN	C2.1	GRADING & DRAINAGE PLAN	C3.1	DETAILS	MP0.00	MECHANICAL/PLUMBING GENERAL NOTES, SYMBOLS, & ABBREVIATIONS	MPD1.00	MECHANICAL/PLUMBING SITE PLAN - DEMO	MPD1.01	MECHANICAL/PLUMBING PARTIAL SITE PLAN - DEMO	MPD4.01	MECHANICAL/PLUMBING B3800 FLOOR PLAN - DEMO	MPD4.02	MECHANICAL/PLUMBING B2400 FLOOR PLAN - DEMO	ED.00	ELECTRICAL GENERAL NOTES, SYMBOLS, & ABBREVIATIONS	ED1.00	ELECTRICAL SITE PLAN - DEMO	ED1.01	ELECTRICAL PARTIAL SITE PLAN - DEMO	E1.01	ELECTRICAL PARTIAL SITE PLAN - NEW	ED4.01	ELECTRICAL FLOOR PLAN - DEMO	ED4.02	ELECTRICAL FLOOR PLAN - DEMO	ED7.01	ELECTRICAL SINGLE LINE DIAGRAM - DEMO	ED7.02	ELECTRICAL FIBER OPTIC CABLE RISER DIAGRAM - DEMO
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<p><b>LOCATION MAP</b></p>																																																
<p><b>REFERENCE STANDARDS</b></p> <p>PARTIAL LIST OF APPLICABLE STANDARDS (AS REFERENCED IN 2022 CBC - CHAPTER 35 &amp; CFC):</p> <p>ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36) 2010 EDITION</p> <p>NFPA 110 STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS 2019 EDITION</p>																																																
<p><b>ADMINISTRATIVE REQUIREMENTS</b></p> <p>1. A COPY OF PART 1 AND 2 CCR SHALL BE KEPT ON SITE AT ALL TIMES.          2. ALL CONSTRUCTION CHANGE DOCUMENTS AND ADDENDA TO BE SIGNED BY THE ARCHITECT, THE OWNER, AND APPROVED BY DSA. CONSTRUCTION CHANGE DOCUMENTS ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-335.          3. ALL CONTRACT DOCUMENTS AND REQUIREMENTS OF SECTION 4-335.          4. TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335.          5. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO PLACEMENT OF CONCRETE PER SECTION 4-331.          6. INSPECTOR SHALL BE APPOINTED BY DSA. MIN. CLASS 3 DSA PROJECT INSPECTOR IS REQUIRED. INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-330. THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342.          7. SUPERVISOR OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH 4-334.          8. CONTRACTOR AND SUBCONTRACTORS ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM 6) IN ACCORDANCE WITH SECTION 4-336 AND 4-342.          9. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTION 4-333(B) AND 4-341.          10. THE CONTRACTOR SHALL SUBMIT A CONTRACT DOCUMENT IN ACCORDANCE WITH SECTION 4-335.          11. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS THE (RE)CONSTRUCTION OF A SCHOOL BUILDING(S) IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY CONDITIONS DEVELOP COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAME C.C.R., A CONTRACT CHANGE DOCUMENT DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.          12. DSA IS NOT SUBJECT TO ARBITRATION.</p>																																																
<p><b>SYMBOL LEGEND</b></p> <p>REFER TO ARCHITECTURAL FLOOR PLANS AND CONSULTANT DRAWINGS FOR ADDITIONAL SYMBOLS AND REFERENCE DESIGNATIONS</p>																																																
<p><b>DIMENSION REFERENCE</b></p> <p>10' → FACE OF OBJECT</p> <p>10' → CENTER LINE OF OBJECT</p>																																																
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<p><b>STATEMENT OF GENERAL CONFORMANCE</b></p> <p>FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS. INCLUDING BUT NOT LIMITED TO SHOW DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS (Application No. 01-122568, File No. 1-C2)</p>																																																
<p><b>MILESTONES</b></p> <table border="1"> <tr> <td>DD</td> <td>06.11.2025</td> </tr> <tr> <td>90% CD</td> <td>08.11.2025</td> </tr> <tr> <td>DSA SUB</td> <td>08.14.2025</td> </tr> <tr> <td>DSA OTC</td> <td>08.21.2025</td> </tr> <tr> <td>DSA BACKCHECK</td> <td>08.27.2025</td> </tr> </table>						DD	06.11.2025	90% CD	08.11.2025	DSA SUB	08.14.2025	DSA OTC	08.21.2025	DSA BACKCHECK	08.27.2025																																	
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<p><b>STATEMENT OF GENERAL CONFORMANCE</b></p> <p>The drawings or sheets listed on the cover or index sheet (*)</p> <p>This drawing, page of specifications/calculations</p> <p>have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for: Contracting with the state.</p> <p>1) Design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and 2) Coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.</p> <p>The Statement of General Conformance * shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344 of Title 24, Part 1. (Title 24, Part 1, Section 4-317 (b))</p> <p>I find that:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> All drawings or sheet listed on the cover or index sheet</li> <li><input type="checkbox"/> This drawing or page</li> </ul> <p>is/are in general conformance with the project design intent, and</p> <p>has/have been coordinated with the project plans and specifications.</p>																																																
<p><b>SHEET</b></p> <p><b>TITLE SHEET</b></p> <p>DATE 08.14.2025</p> <p>JOB # 2025029</p> <p>SHEET #</p>																																																
<p><b>T1</b></p> <p>Signature JOHN DIFFENDERFER</p> <p>Print Name JOHN DIFFENDERFER</p> <p>License Number C-25840</p> <p>Expiration Date 07.31.2027</p>																																																



IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-122568 INC:  
REVIEWED FOR  
SS  FLS  ACS   
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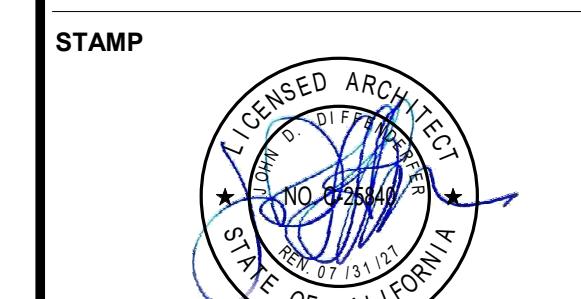
**aedis**  
architects

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San Jose, CA 95113  
tel: (408) 300-5160  
fax: (408) 300-5121

**PROJECT**  
CHABOT COLLEGE  
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DEMOLITION AND  
SITWORK

CHABOT LAS POSITAS  
COMMUNITY COLLEGE  
DISTRICT

CONSULTANT



**STATE**  
DSA FILE NUMBER 1-C2  
APPL # 01-122568

**REVISIONS**  
No. Description Date

**MILESTONES**  
DD 06.11.2025  
90% CD 08.11.2025  
DSA SUB 08.14.2025  
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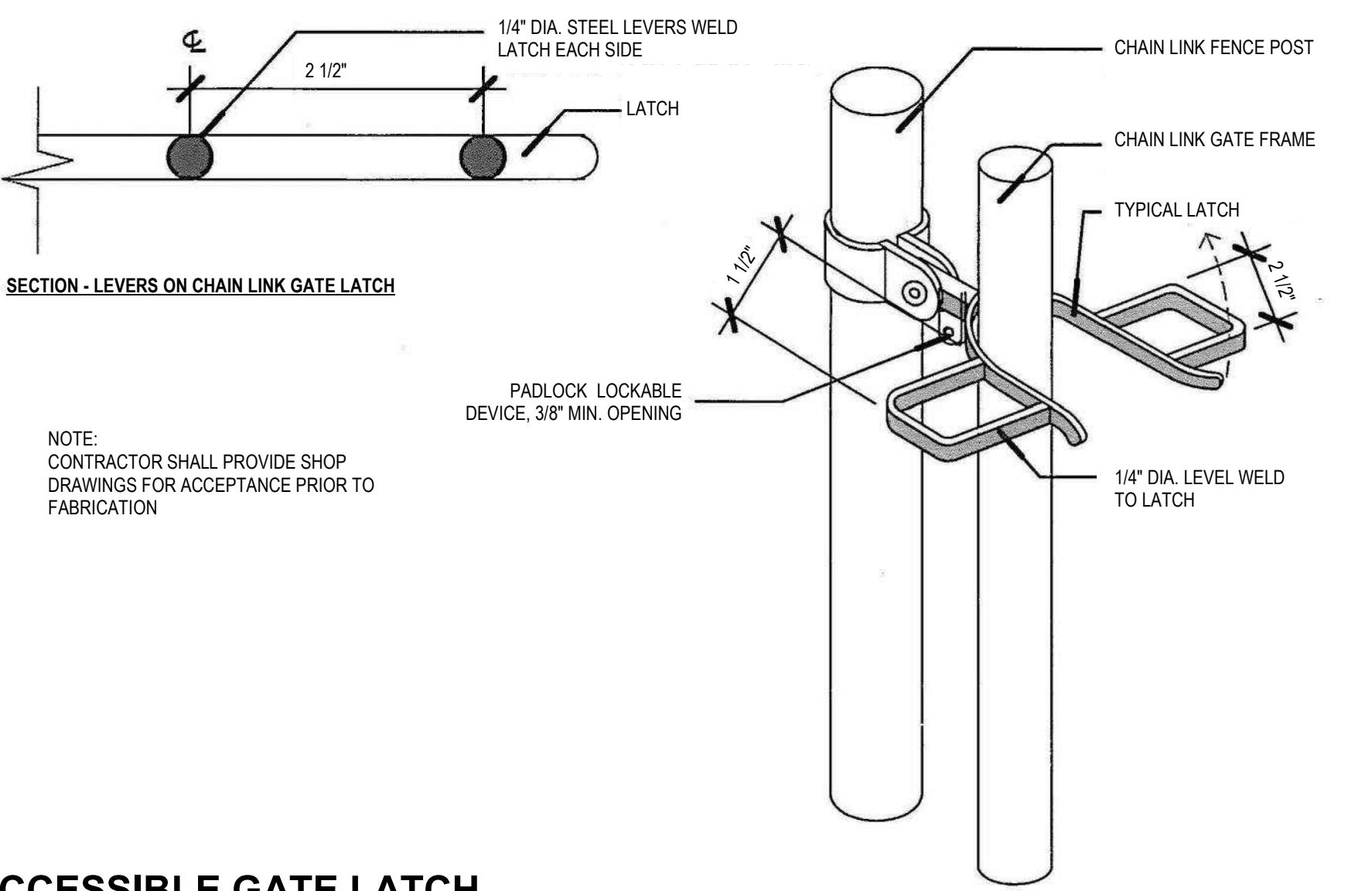
**SHEET**  
**DEMOLITION AND  
NEW SITE PLAN**

**DATE** 08.14.2025  
**JOB #** 2025029

**SHEET #**

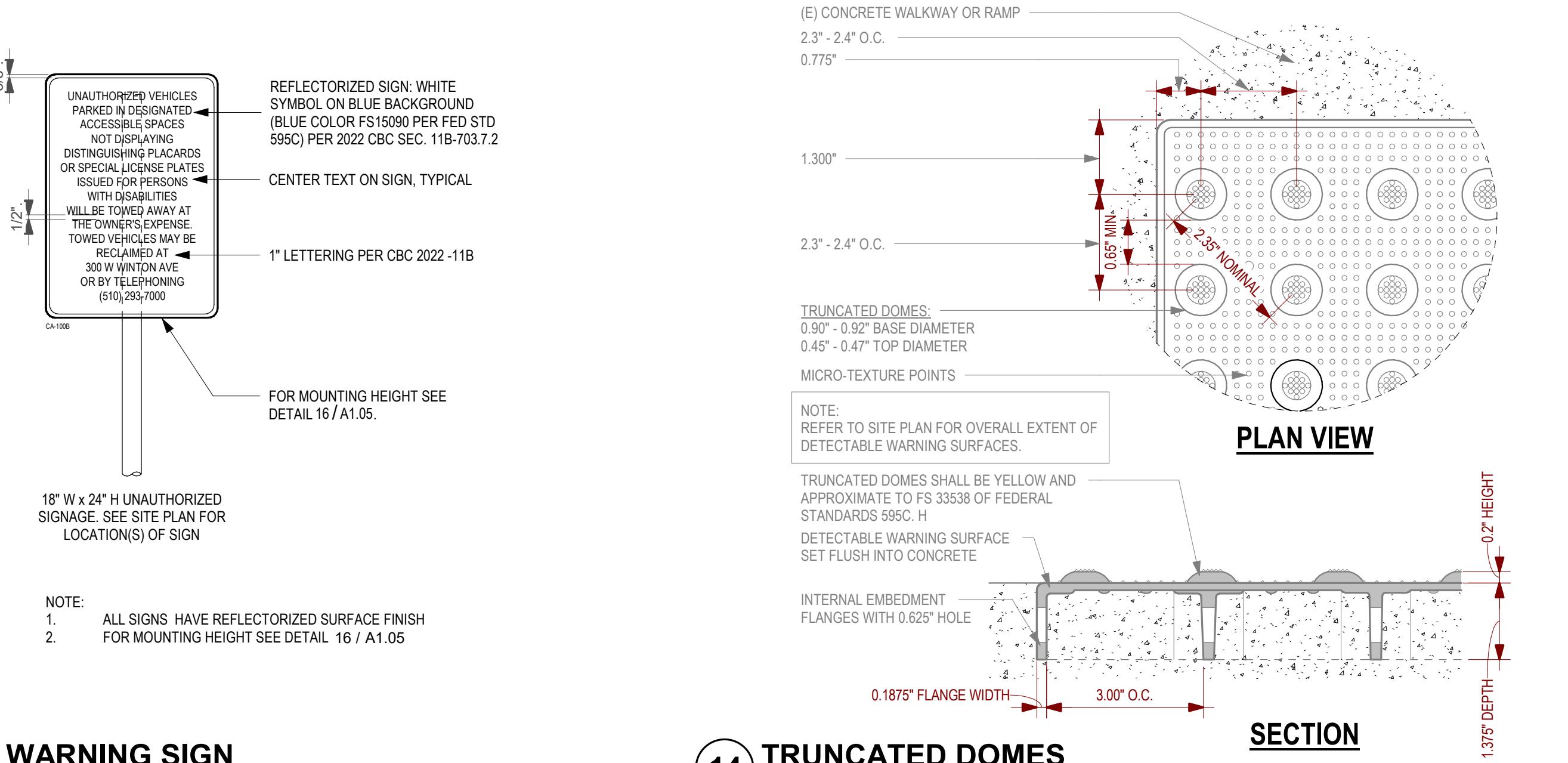
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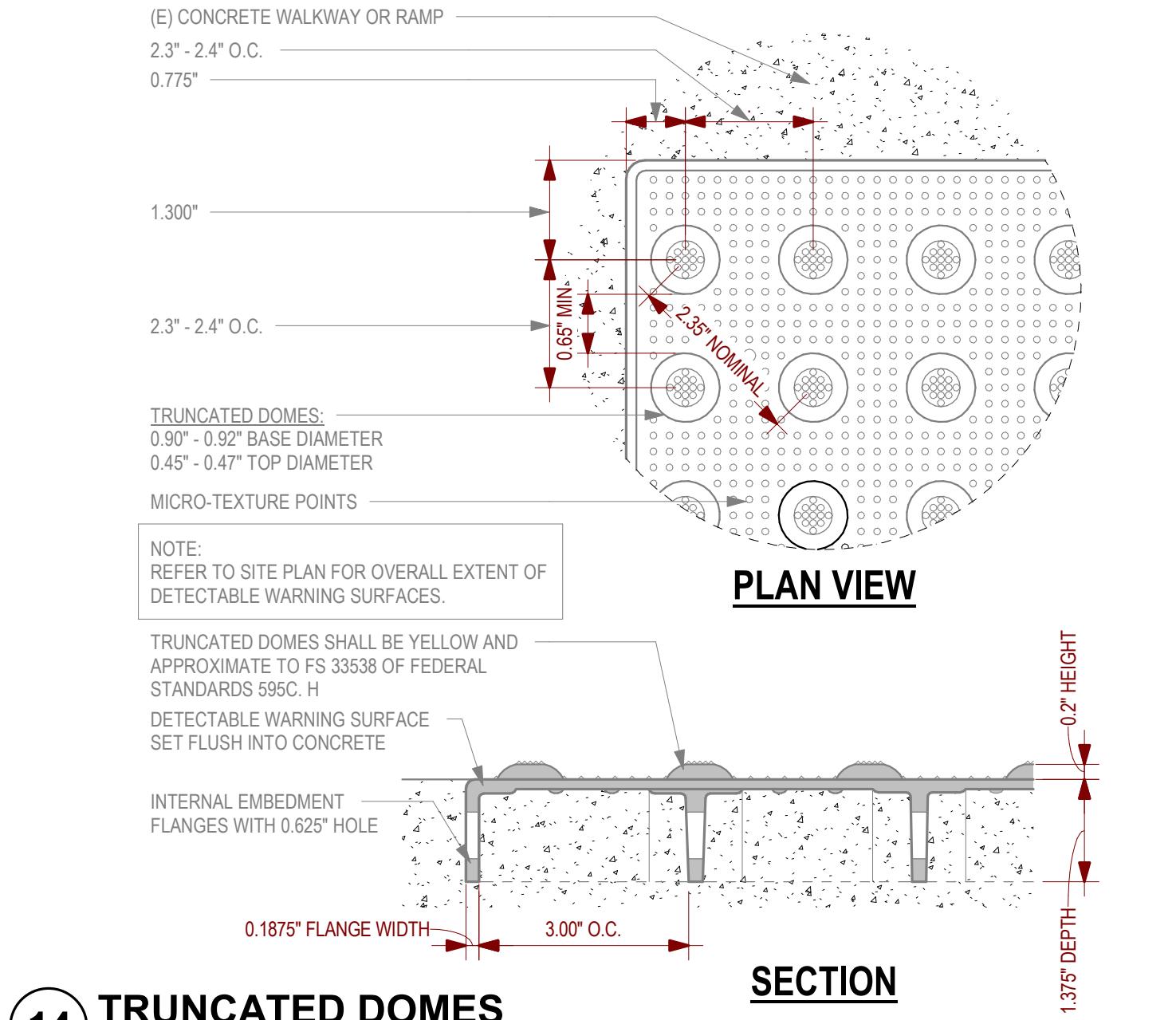
17 ACCESSIBLE GATE LATCH

SCALE: 1/2" = 1'-0"



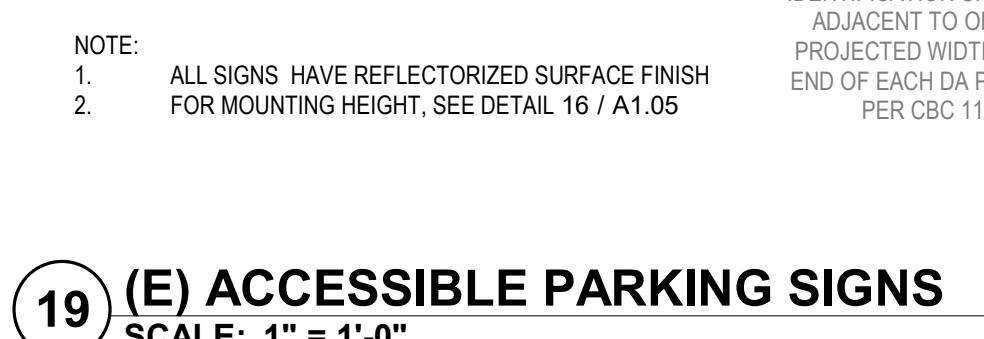
18 ENTRY WARNING SIGN

SCALE: 1" = 1'-0"



14 TRUNCATED DOMES

SCALE: 1" = 1'-0"



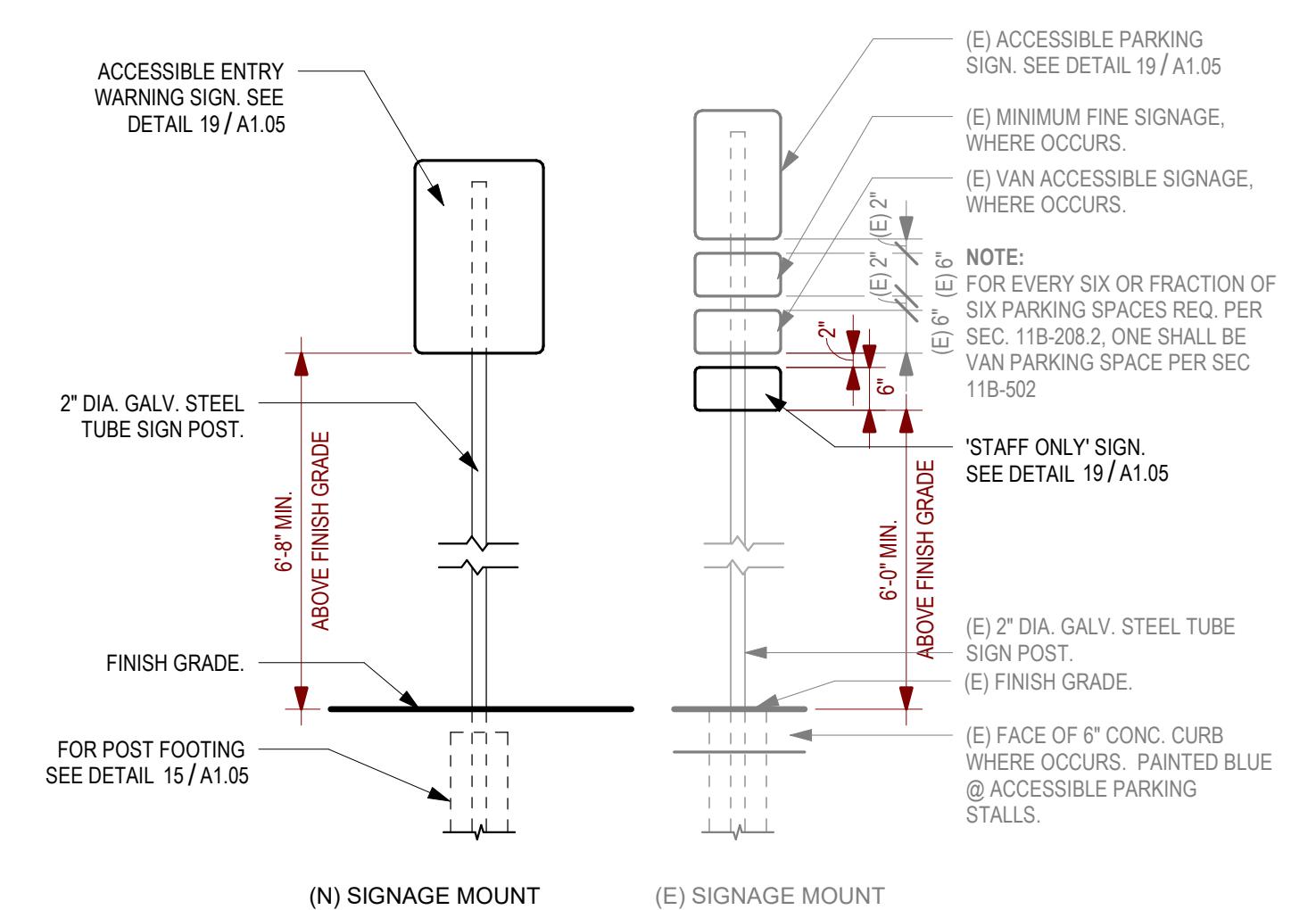
19 (E) ACCESSIBLE PARKING SIGNS

SCALE: 1" = 1'-0"



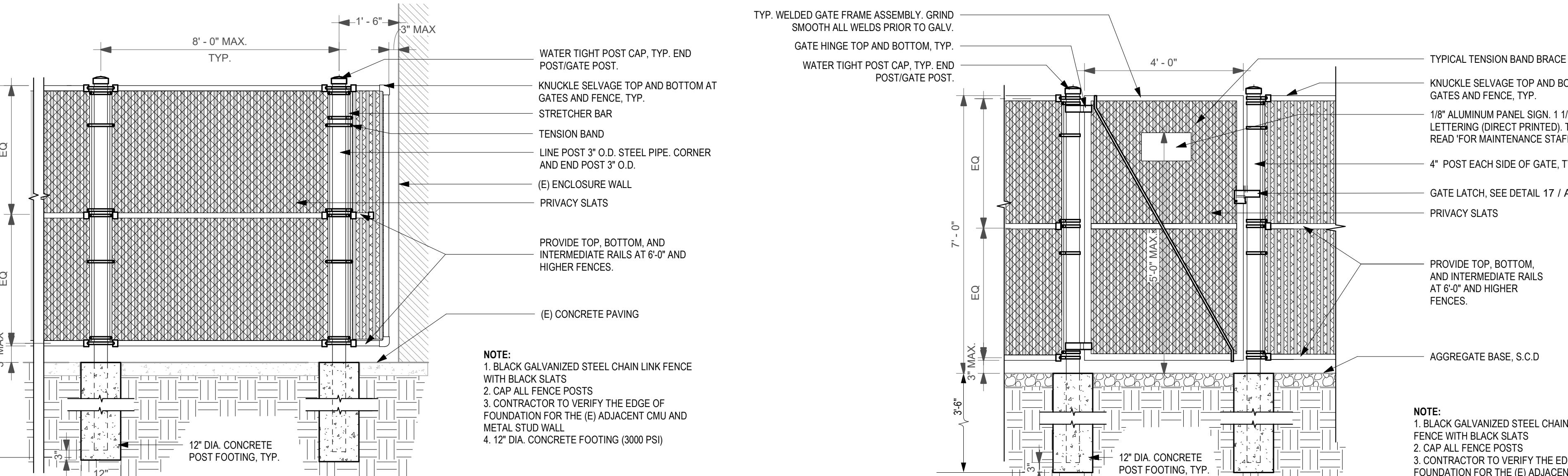
15 SITE SIGNAGE FOOTING

SCALE: 1" = 1'-0"



16 SITE SIGNAGE MOUNT

SCALE: 1/2" = 1'-0"

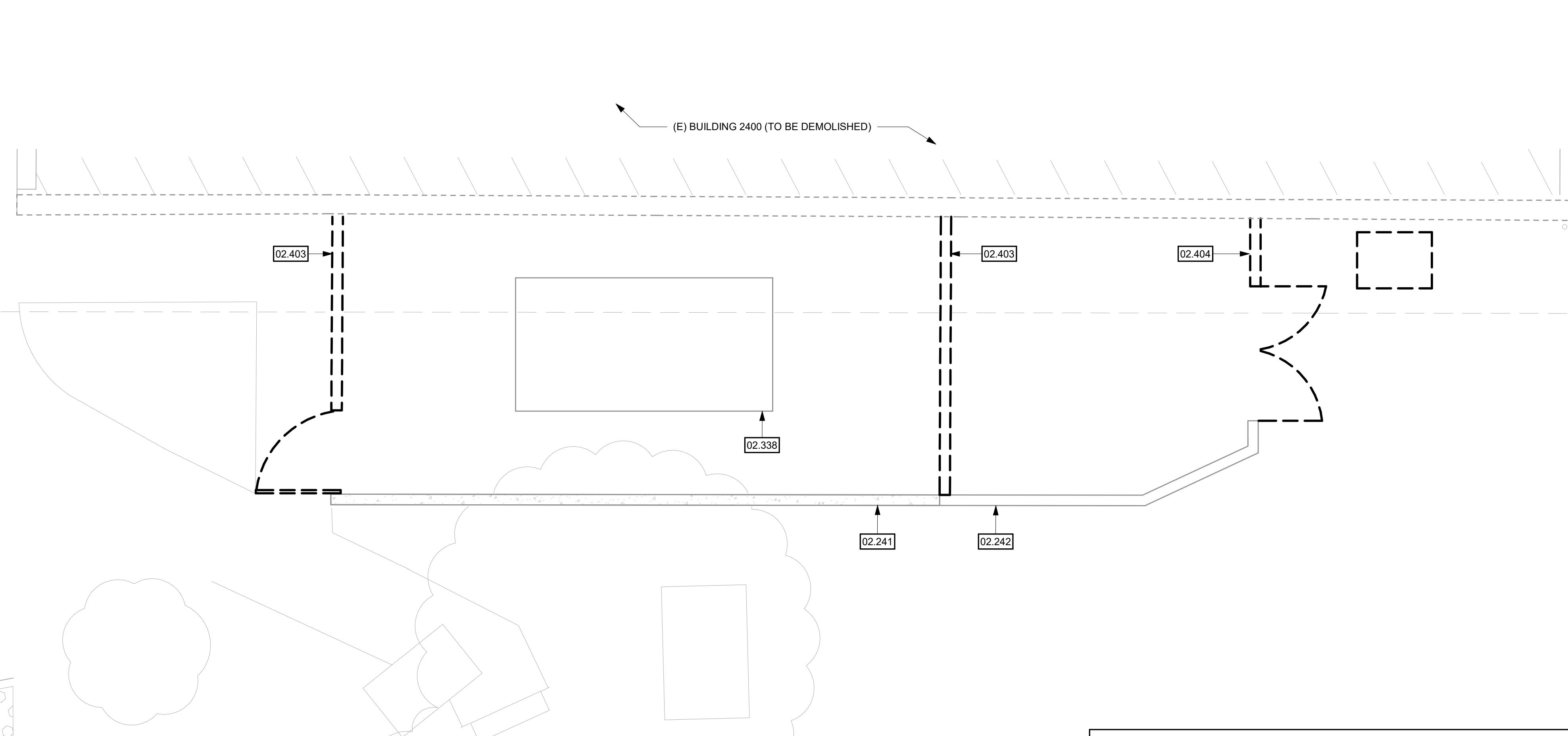


4 TYPICAL CHAIN LINK FENCE W/ SLATS

SCALE: 1/2" = 1'-0"

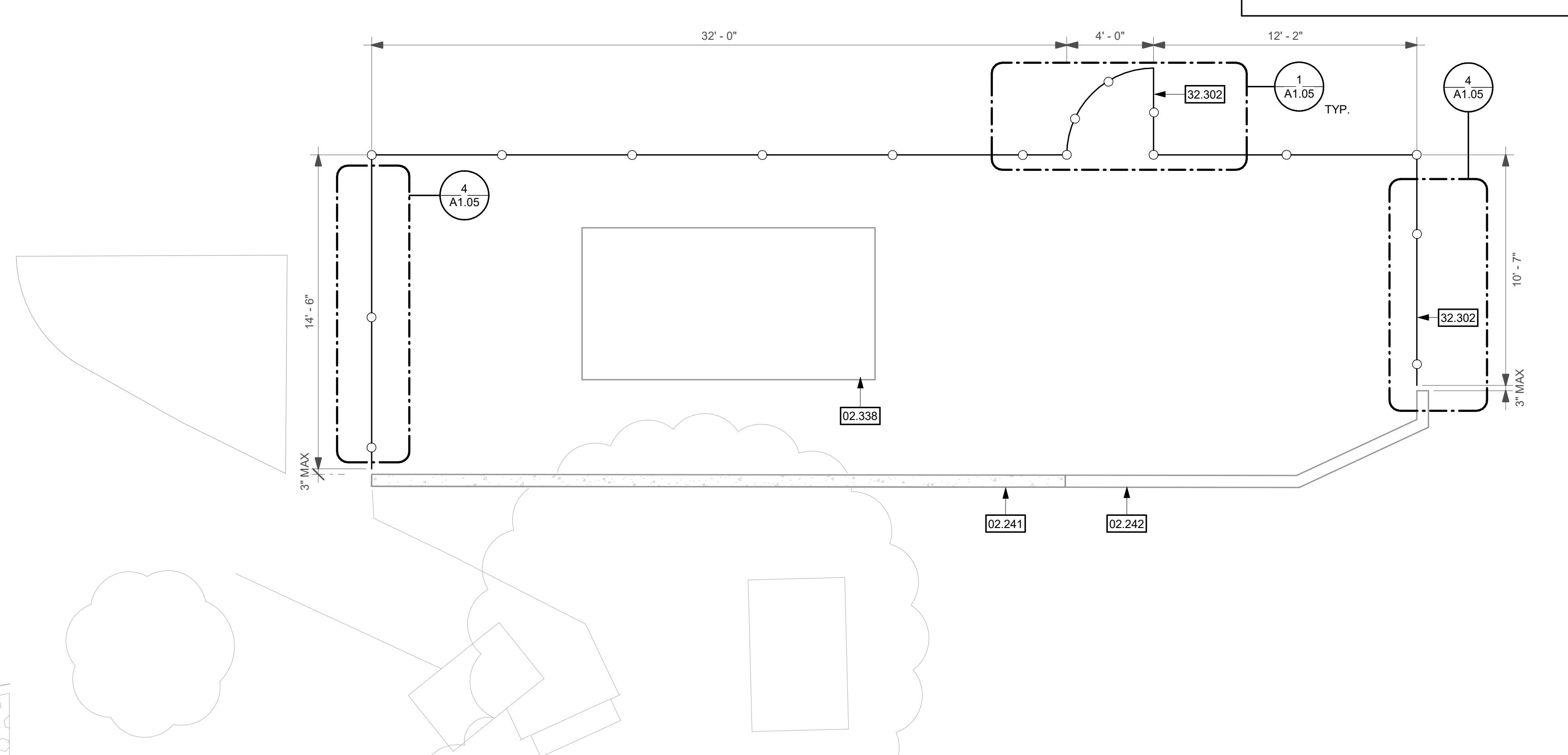
1 TYPICAL CHAIN LINK GATE W/ SLATS (SINGLE)

SCALE: 1/2" = 1'-0"



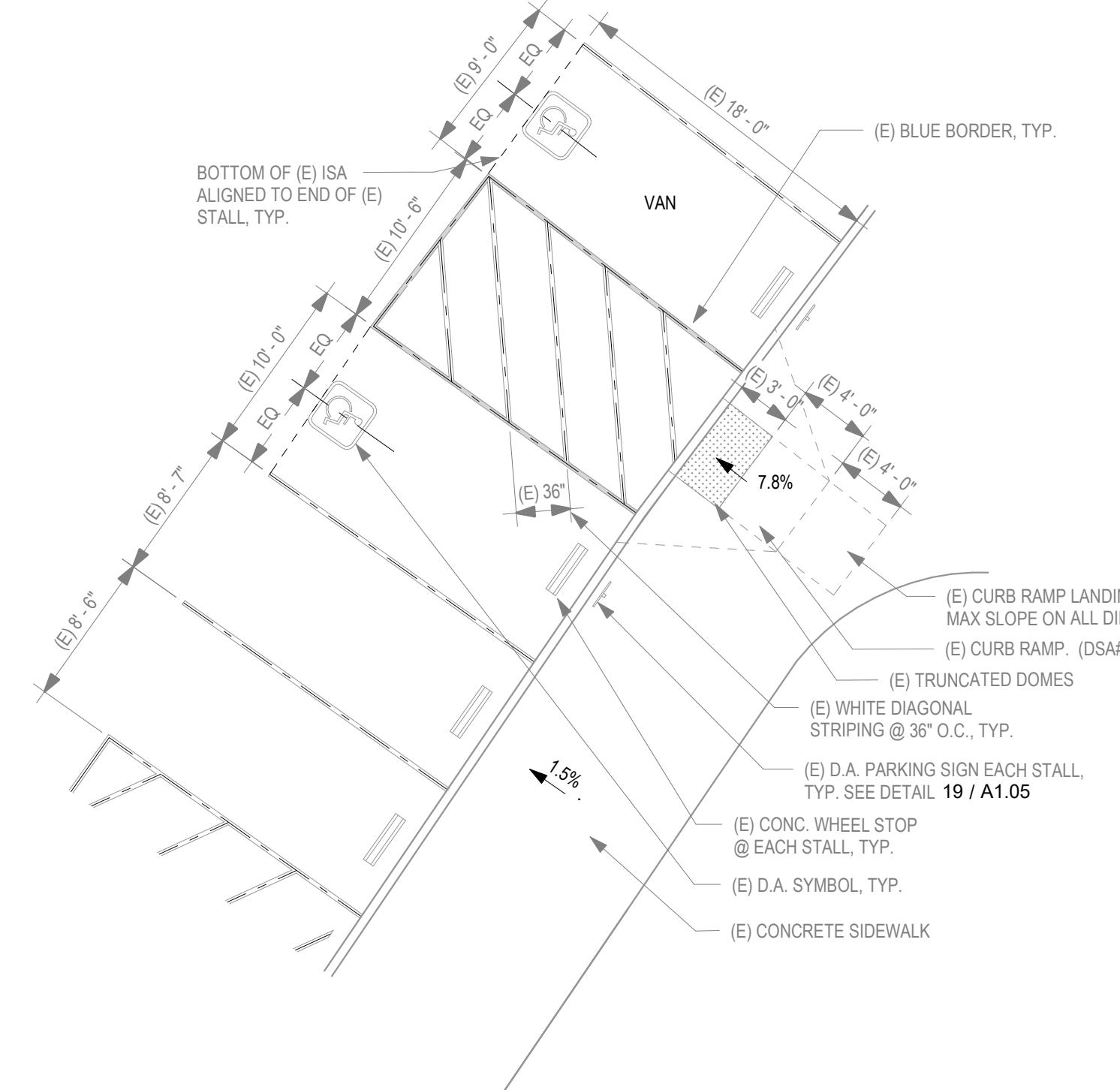
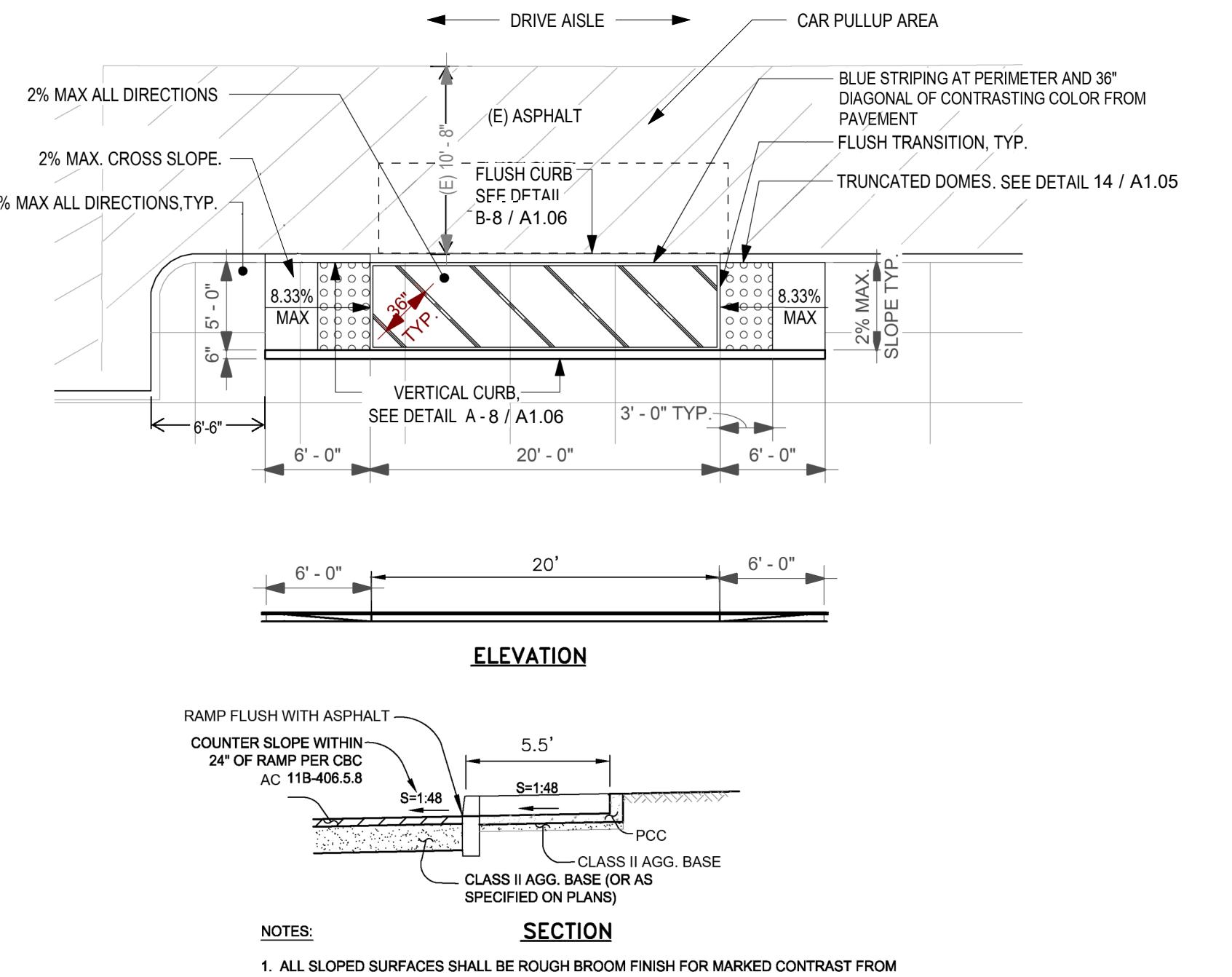
5 BUILDING 2400 - MECHANICAL ENCLOSURE - DEMOLITION FLOOR PLAN

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



6 BUILDING 2400 - MECHANICAL ENCLOSURE - NEW FLOOR PLAN

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

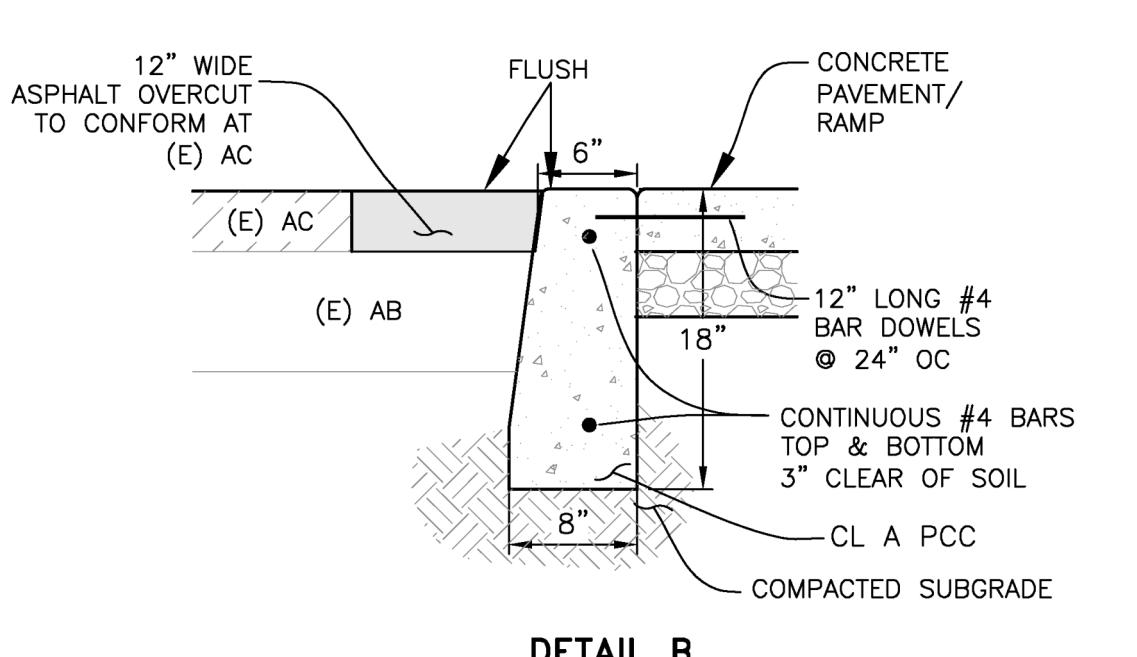
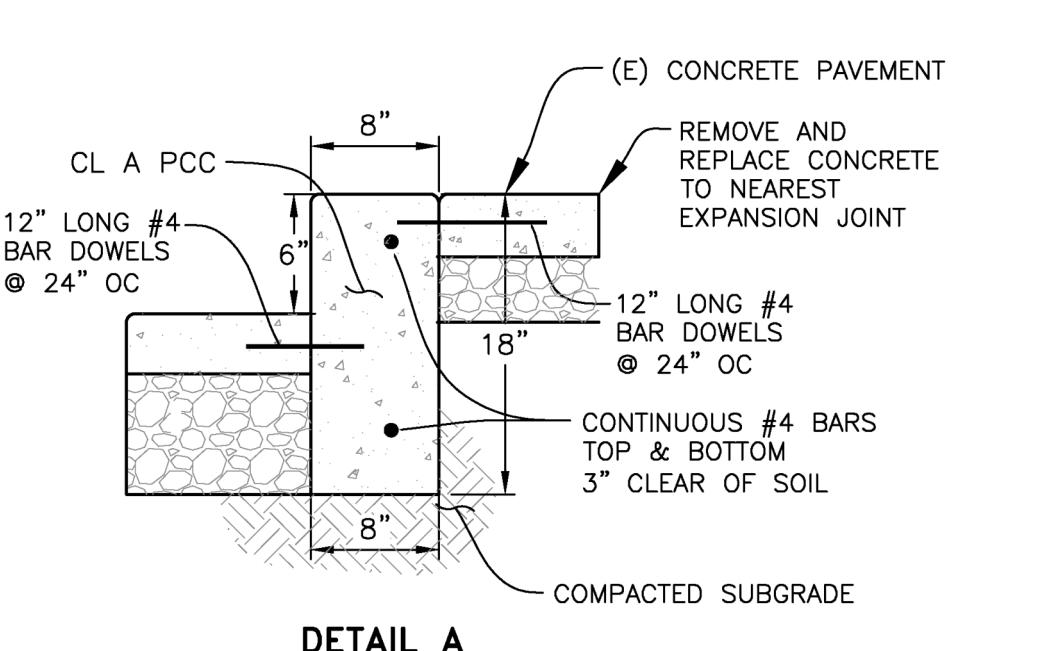


# PASSENGER LOADING ZONE

SCALE: 1/8" = 1'-0"

2 ENLARGED SITE PLAN - PARKING LOT B - (E) ACCESSIBLE PARKING

SCALE: 1/8" = 1'-0"

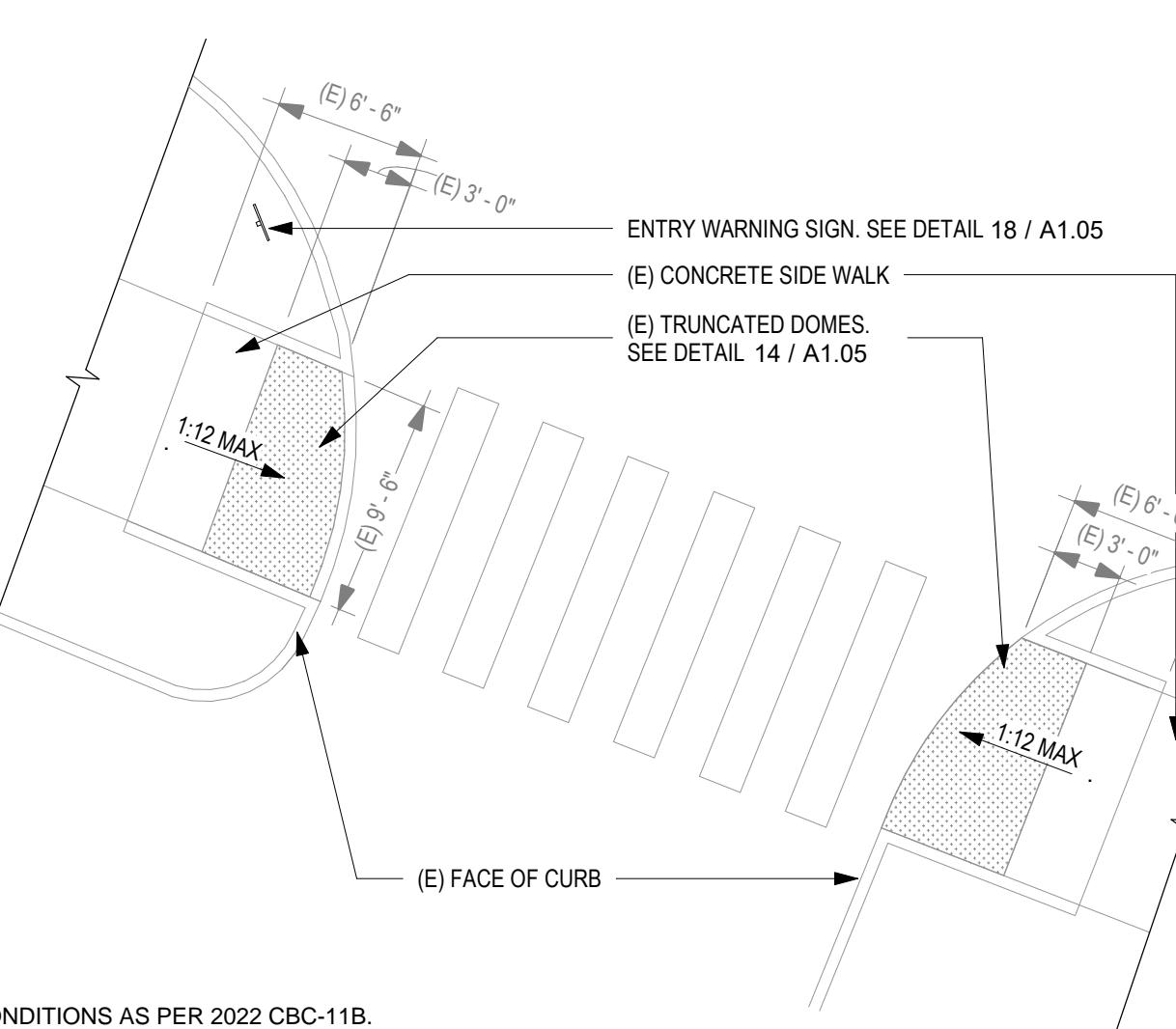


**8 PASSENGER LOADING ZONE CURB**  
SCALE: 1" = 1'-0"

# 4 ENLARGED SITE PLAN

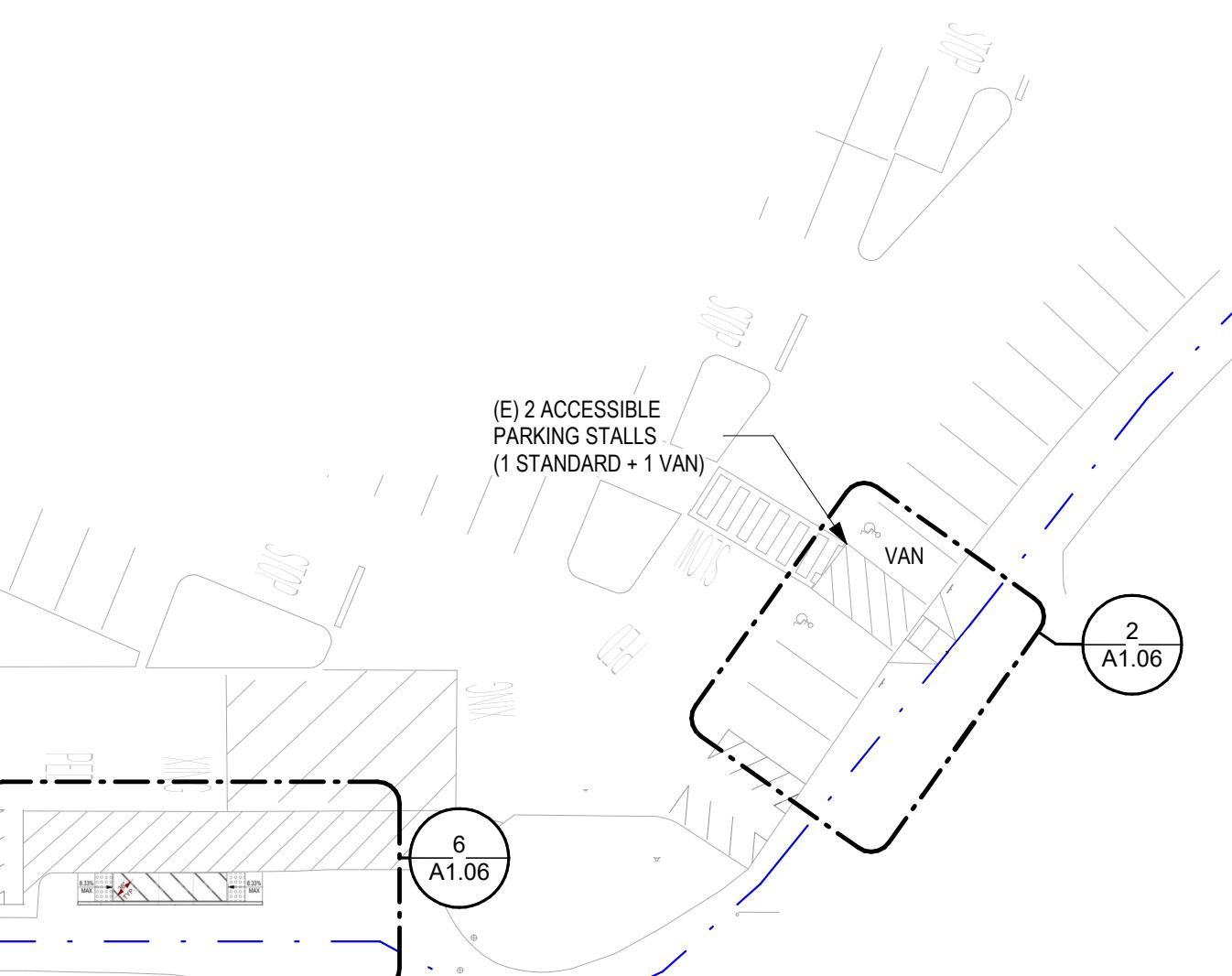
SCALE: 1" = 30'-0"

**NOTE:**  
EXISTING CONDITIONS AS PER 2022 CBC-11B.



## 3 (E) CURB RAMP

3 (E) SCALE: 1/8" = 1'-0"



STATE  
SA FILE NUMBER 1-C2  
PPL # 01-122568

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## REVISIONS

A small, thin-lined triangle icon pointing upwards, located in the top-left corner of the slide.

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MILESTONES	
D	06.11.2025
0% CD	08.11.2025
SA SUB	08.14.2025
SA OTC	08.21.2025
SA BACKCHECK	08.27.2025

# ENLARGED SITE PLAN

ATE  
08.14.2025  
DOB #  
2025029

## A1.06

## GENERAL NOTES

- All work shall be done in accordance with the following:
  - Applicable sections of the State of California Department of Transportation Standard Specifications, latest edition, hereinafter called "Caltrans";
  - California Plumbing Code and California Building Code Provisions
  - AWWA standards and specifications;
  - City of Hayward Standard Details and Specifications where applicable;
  - The dimensions and details shown hereon;
  - Standards of the United States Department of Labor, Occupational Safety and Health Administration, Office of Standards and rules of the State Division of Industrial Safety;
  - Latest edition of the California State Code of Regulations Title 24.
  - The Project Specifications

Where conflicts exist between any of the above listed specifications, the most stringent listed specification shall prevail.

2. It is the responsibility of the Contractor to secure all permits necessary to perform the work, including but not limited to, work in the public right-of-way, grading, tree removal, and utility modifications.

3. Contractor shall supply all equipment, labor, and materials necessary to perform the work shown on this plan.

4. It shall be the responsibility of the various contractors to coordinate their work so as to eliminate conflicts and work toward the general good and completion of the entire project.

5. All workmanship and materials furnished by Contractor shall be of the kind and quality described in the specifications and shall be first class throughout. Neither final acceptance nor final payment by Owner shall relieve the Contractor of responsibility for faulty materials or workmanship.

6. In the event of any conflict of information shown in these plans or any conflict between these plans and the intent of a consistent and functional product, the Contractor shall so notify the Owner in writing, upon which notice the Owner shall resolve the conflict by the issuance of a written order, revised plans or both. The Contractor shall bear full cost and responsibility for work affected by such conflicts and performed by Contractor prior to such notice to the Owner and issuance of such order and/or revised plans.

7. Contractor shall provide adequate dust control at all times as required by Owner's representative.

8. Contractor shall exercise all necessary caution to avoid damage to any existing trees, or surface improvements, or to any existing drainage structure, water structures, sewer cleanouts, manholes, or junction boxes for underground electric, telephone, or cable TV, or storm sewer, sanitary sewer, water line, and underground utilities, which are to remain in place and shall bear full responsibility for any damage thereto.

9. All known existing utility lines are shown for information only. Contractor shall exercise all necessary caution to avoid damage to any existing utility lines or facilities to remain in place, whether or not such lines or facilities are shown on these plans, and shall bear full responsibility for any damage thereto. Contractor is advised to Contact Underground Service Alert (USA) at (800) 642-2444 or a private Underground Locator Service (at contractor's expense) and the affected utility company for marking underground lines prior to beginning work.

10. Inspection of work: The City of Hayward Public Works Department will inspect all work involving conformance to encroachment permit. A representative of Owner will inspect all work, including grades and compaction of earthwork. Contractor shall notify the City of Hayward Public Works at least forty eight (48) hours prior to work within the public ROW.

11. Engineer shall have no responsibility for Contractor's work methods and procedures, jobsite conditions, jobsite safety or adherence to safety procedures and requirements.

12. The Contractor agrees that, in accordance with generally accepted construction practices, the Contractor will be required to assume sole and complete responsibility for jobsite conditions during the course of construction of the project, including safety of all persons and property. This responsibility shall include all normal working hours. The Contractor agrees to defend, indemnify and hold Owner and Engineer harmless from any and all liability, real or alleged, in connection with the performance of the work on this project, exempting liability arising from the sole negligence of the Engineer or Owner.

## GRADING AND PAVING NOTES

1. Work shall consist of all clearing, grubbing, and stripping, preparation of land to be filled, excavation, grading, compaction and control of the fill, and all subdivision work necessary to complete the grading to conform to the lines, grades and slopes, as shown on the accepted plans.

2. The Contractor shall notify the Soil Engineer at least forty-eight (48) hours prior to commencement of any grading operations on-site.

3. A representative of the Soils Engineer shall be on site during grading operations and shall perform such testing as deemed necessary. The representative shall observe the grading operation for conditions that should be corrected, and identify those conditions with recommended corrective measures to the Contractor.

4. In the event that any unusual conditions not covered by these notes and the Soils Investigation are encountered during grading operations, the Soils Engineer shall be immediately notified for recommendations.

5. All existing trash, debris, roots, tree remains and other rubbish shall be removed from the site so as to leave the areas that have been disturbed with a neat and finished appearance free from unsightly debris. No burning shall be permitted.

6. Contractor shall grade to the line and elevations shown on the plan within the following horizontal and vertical tolerance, in the areas indicated:

	Horizontal	Vertical
a. Building Pad Subgrade	0.05'+	0.05'+
b. Driveway and parking area subgrade preparation	0.05'+	0.05'+

7. All aggregate base material and the handling and placement thereof shall be in accordance with the Caltrans Standard Specifications. Aggregate base materials shall be Class II.

8. Asphalt concrete (AC) shall be Type A, 3/4" maximum aggregate size for base course and 1/2" maximum aggregate size for surface course, as specified for surface course material in the Caltrans Specification. 2" thickness may be placed in one lift.

9. Contractor shall adjust all inlets, valve boxes, manhole rims, and sewer cleanouts to new finish grade.

10. Materials handling and placement of Portland Cement Concrete shall be in accordance with applicable sections of the Caltrans Standard Specifications and these plans and details shown hereon. Concrete to be Class A, 6 sack, 3000 PSI concrete.

## UNDERGROUND NOTES

1. Contractor shall expose and verify location and elevation of existing utilities, including sanitary and storm sewers, and water lines before constructing new facilities. Contractor shall cap existing irrigation lines where necessary so that the remaining irrigation system will continue to be operational for the existing landscaping to remain.

2. Materials for pipe, storm water inlets and cleanouts and installation procedures shall be in accordance with applicable California Building Code sections and the City of Hayward Standard Specifications, the Project Specifications and these plans and details shown hereon.

Storm Sewer Pipe designated "SD" shall be SDR 26 PVC pipe or HDPE ADS N-12 pipe appropriate for such use. Storm Sewer Pipe designated "DIP" shall be ductile iron pipe appropriate for such use.

3. Ensure grates are ADA compliant for all existing inlets to remain in travelled access paths, subject to pedestrian traffic. Replace as necessary.

4. All trench excavation and backfill for sewer lines shall conform to requirements of the City of Hayward Standard Specifications. Jetting of backfill materials to achieve compaction is not allowed.

5. All trenches and excavations shall be constructed in strict compliance with the applicable sections of California and Federal O.S.H.A. requirements and other applicable safety ordinances. Contractor shall bear full responsibility for trench shoring design and installation.

6. Materials for pipe and installation requirements for domestic water lines shall be in accordance with applicable California Plumbing Code sections and the City of Hayward Standard Specifications and these plans and details shown hereon.

7. Soils on the site have been found to be corrosive. All buried metallic pipes, fittings and appurtenances associated with the water pipelines shall be encased in 8-mil polyethylene per AWWA C-105. All buried copper water service lines shall be encased in 6-mil polyethylene sleeve in accordance with AWWA C-105.

## LEGEND

DESCRIPTION	PROPOSED	EXISTING
PROPERTY LINE	—	—
CENTERLINE	—	—
CURB & GUTTER	=====	=====
VERTICAL CURB	=====	=====
ASPHALT EDGE / SAWCUT	=====	=====
EXPANSION JOINT	-----	-----
SCORE JOINT	—	—
VALLEY GUTTER	=====	=====
TRENCH DRAIN	=====	=====
PERF PIPE	-----	-----
RAINWATER LEADER	=====	=====
STORM LINE	—○—	—○—
SANITARY LINE	—●—	—●—
WATER LINE	—·—	—·—
GAS LINE	—G—	—G—
FIRE SPRINKLER	—FS—	—FS—
FIRE LINE	—F—	—F—
FENCE	○—○—○—○—○—	—X—X—X—X—X—
ROLLING FENCE	○—○—○—○—○—	—X—X—X—X—X—
CITY CONFORM	=====	=====
ADA DROP OFF	-----	-----
FIRE LANE	-----	-----
TYPICAL RAMP		
ACCESSIBLE RAMP		
TRUNCATED DOMES		
STORM DRAIN INLET	■ ■ ■	□ □ □
AREA DRAIN	■	■
BUBBLER BOX	■	■
END SECTION	▽	▽
END SECTION MITERED DRAIN GRATE	■	■
DRY WELL CONDENSATE	●	●
BOLLARD	•	•
HYDRANT	■■	□
FIRE DEPARTMENT CONNECTION (FDC)	■	□
POST INDICATOR VALVE (PIV)	δ	δ
THRUST BLOCK	▽	▽
SHUT OFF VALVE (SOV)	◎	◎
CHECK VALVE	■■	■■
BACKFLOW	□□	□□
ELECTROLIER	■■■	□□□
ELECTROLIER CONDUIT & CABLE W/PULL BOX	■■■	□□□
DIRECTION & RATE OF SLOPE	0.015 ↗	0.015 ↗
SWALE	~~~	~~~
CONTOUR		
LIGHTING POLE	○	○
EV CHARGING STATION	△	△
ASPHALT PAVING - AUTO		
ASPHALT PAVING - FIRE		
ASPHALT PAVING - PEDESTRIAN		
CONCRETE PAVING - PEDESTRIAN		
CONCRETE PAVING - VEHICULAR		
BIO-RETENTION AREA		
SYNTHETIC TURF		
UNIT PAVERS		

## ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ACC	ACCESSIBLE
ARCH	ARCHITECTURAL
BS	BOTTOM OF STEP
BW	BACK OF WALK ELEVATION
BOW	BOTTOM OF WALL ELEVATIONS
CB	CATCH BASIN
CI	CAST IRON
CLF	CHAIN LINK FENCE
C&G	CURB AND GUTTER
CONC	CONCRETE
C	CONCRETE ELEVATION
DWY	DRIVEWAY
E	ELECTRICAL
(E)	EXISTING
EBOX	ELECTRICAL BOX
EC	EDGE OF CONCRETE
EP	EDGE OF PAVEMENT
EV	ELECTRICAL VAULT
F	FIRE LINE
FG	FINISH GRADE
FNC	FENCE
FH	FIRE HYDRANT
FF	FINISHED FLOOR ELEVATION
FL	FLOW LINE
FOC	FACE OF CURB
G	GAS
GB	GRADE BREAK
GND	GROUND ELEVATION
JP	JOINT POLE
ICV	IRRIGATION CONTROL VALVE
INV	INVERT
LF	LINEAR FEET
LS	LANDSCAPE
LTB	LIME TREATED BASE
(ME)	MATCH EXISTING ELEVATION
MH	MANHOLE
ML	MONUMENT LINE
(N)	NEW
PAV	PAVEMENT SURFACE ELEVATION
P	PROPERTY LINE
PP	PERFORATED PIPE
RIM	RIM ELEVATION
RS	TOP OF RAT SLAB ELEVATION
RWL	RAIN WATER LEADER
S=	SLOPE
SD	STORM DRAIN
S.A.D.	SEE ARCHITECT DRAWINGS
S.E.D.	SEE ELECTRICAL DRAWINGS
S.L.D.	SEE LANDSCAPE DRAWINGS
S.P.D.	SEE PLUMBING DRAWINGS
SG	SUBGRADE ELEVATION
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
S/W	SIDEWALK
STLT	STREET LIGHT
T	TELEPHONE
TC	TOP OF CURB
TD	TRENCH DRAIN
TILE	TOP OF TILE ELEVATION
TOE	TOP OF BANK
TOW	TOP OF WALL ELEVATION
TR	TOP OF RAMP
TS	TOP OF STEP
TSB	TRAFFIC SIGNAL BOX
VLT	VULT
W	WATER
WV	WATER VALVE

## SHEET INDEX

NOTES & LEGEND	C0.1
DEMOLITION PLAN	C1.1
GRADING & DRAINAGE PLAN	C2.1
DETAILS	C3.1

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-122568 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 8/28/2025

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Sacramento, CA 95811  
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fax: (408) 300-5121

PROJECT  
CHABOT COLLEGE  
BUILDING 2400 & 3800  
DEMOLITION AND  
SITEWORK

CHABOT LAS POSITAS  
COMMUNITY COLLEGE  
DISTRICT

CONSULTANT  
CARRIL  
Engineers and Surveyors

STAMP  
REGISTERED PROFESSIONAL ENGINEER  
MATTHEW PAUL MARTINEZ  
No. C 68770  
Exp. 08/30/25

STATE  
DSA FILE NUMBER  
1-C2  
APPL #  
01-122568

NOTE:

WHEN SOIL HAULING FOR SOILS REMOVAL, SOILS TO BE TREATED AS CLASS 2.

DEMOLITION LEGEND

	DESCRIPTION	SYMBOL
	TREE TO REMAIN. PROTECT FROM DAMAGE.	○
KEYNOTE	DESCRIPTION	SYMBOL
①	ASPHALT PAVING & AGGREGATE BASE ROCK TO BE REMOVED. REMOVE HEADER BOARD, TYP.	██████████
②	REMOVE BUILDING SLAB ON GRADE, FOUNDATION, RAMPS & UTILITIES (CAP AT EXTEND OF REMOVAL) S.A.D. FILL AREA OF REMOVED BUILDING WITH VIRGIN CLASS 2 BASEROCK PER GRADING PLAN.	██████████
③	CONCRETE TO BE REMOVED	██████████
④	FENCE / GATES TO BE REMOVED	—
	STORM SEWER LINES AND CLEANOUTS TO BE REMOVED	—
	ELECTRICAL LINES TO BE REMOVED, S.E.D.	—
KEYNOTE	DESCRIPTION	
①	SAWCUT ASPHALT OR CONCRETE AND REMOVE CONCRETE.	
②	UTILITY BOX/VALVE TO REMAIN. PROTECT FROM DAMAGE.	
③	WALL TO REMAIN.	
④	REMOVE TRANSFORMER & CONCRETE PAD.	
⑤	LATTICE TO REMAIN. PROTECT FROM DAMAGE.	
⑥	STORM LINES, DRAIN INLET, SDMH, SDCO TO REMAIN. PROTECT FROM DAMAGE. ADJUST RIM TO NEW FG.	
⑦	SS LINES, SSMH, SSCO TO REMAIN. PROTECT FROM DAMAGE. ADJUST RIM TO NEW FG.	
⑧	REMOVE BUILDING COLUMN AND FOUNDATIONS, METAL STAND.	
⑨	REMOVE WALL & FOUNDATION.	
⑩	REMOVE TRENCH DRAIN AND AREA DRAIN INLET CAP AT EXTEND OF REMOVAL.	
⑪	REMOVE ELECTRICAL PLUG, SAFE OFF, CAP., S.E.D.	
⑫	REMOVE AND RELOCATE ELECTRICAL LIGHTING PEDESTAL AND FOUNDATION, S.E.D.	
⑬	REMOVE GATE / FENCE.	
⑭	REMOVE BOLLARD AND FOUNDATION.	
⑮	REMOVE HANDRAIL AND FOUNDATION.	
⑯	(E) WALL MOUNT IRRIGATION CONTROLLER (RAIN MASTER EVOLUTION DX2) TO BE REMOVED FROM WALL MOUNT ENCLOSURE AND RELOCATED INTO NEW PEDESTAL MOUNT ENCLOSURE ASSEMBLY BY CONTRACTOR REFER TO C2.1 - GRADING PLAN FOR LOCATION.	
⑰	REMOVE UTILITY BOX/VALVE.	
⑱	REMOVE BENCH.	
⑲	PROTECT THE TREE, SEE DETAIL 8 ON SHEET C3.1.	

MILESTONES

DD	06.11.2025
90% CD	08.11.2025
DSA SUB	08.14.2025
DSA OTC	08.21.2025
DSA BACKCHECK	08.27.2025

DEMOLITION PLAN

DATE 08.14.2025

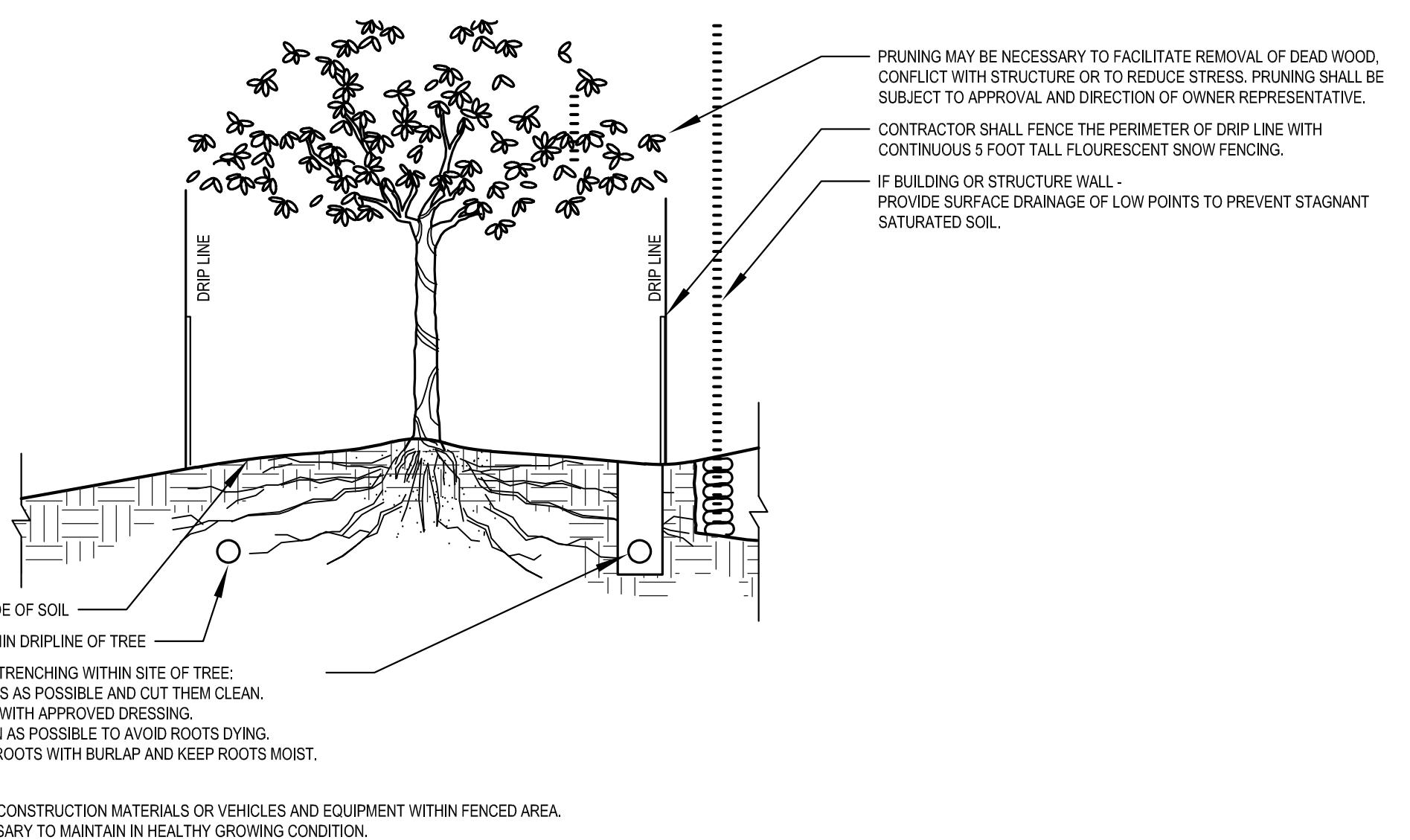
JOB # 2025029 CEI # 3113A

SHEET #

C1.1

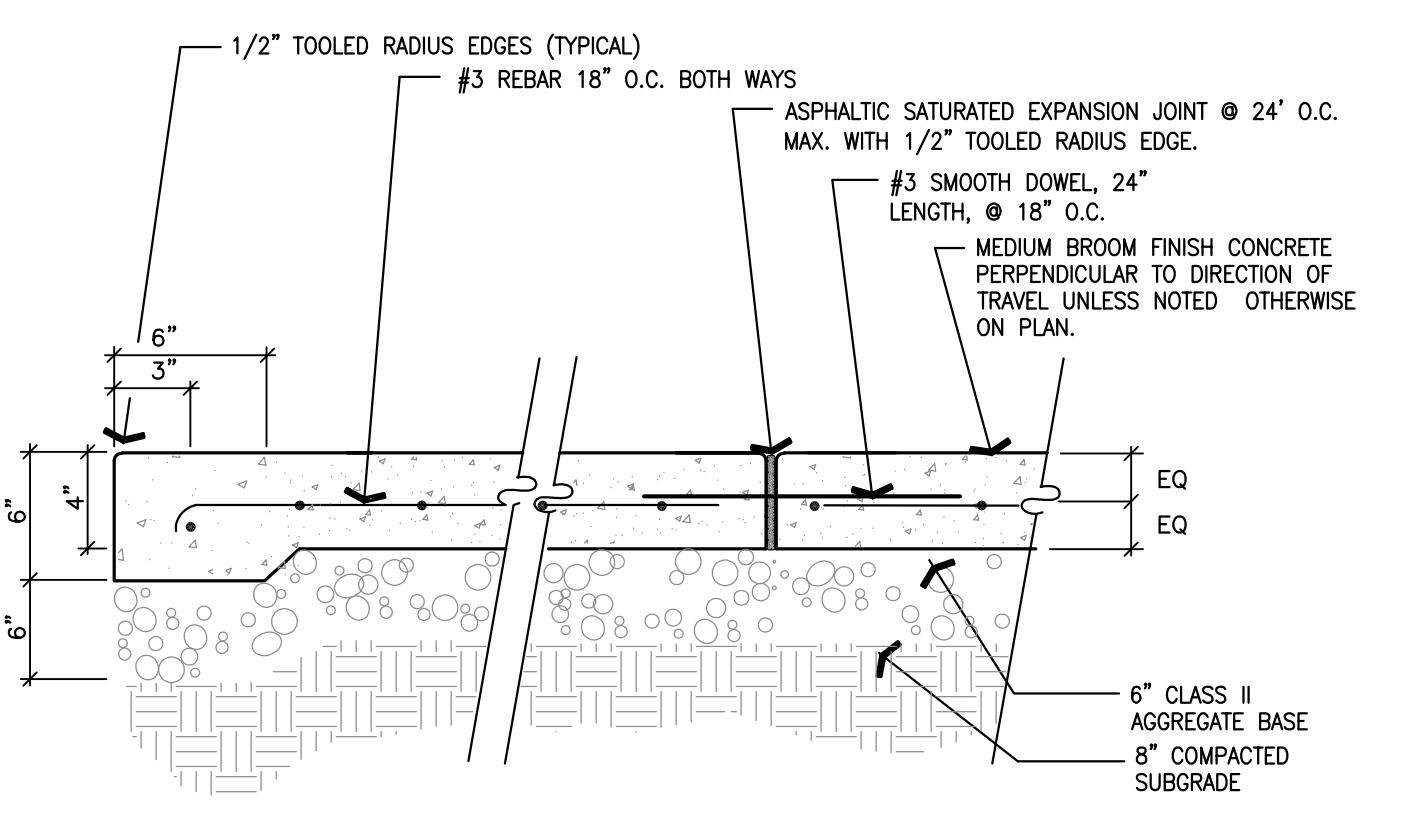






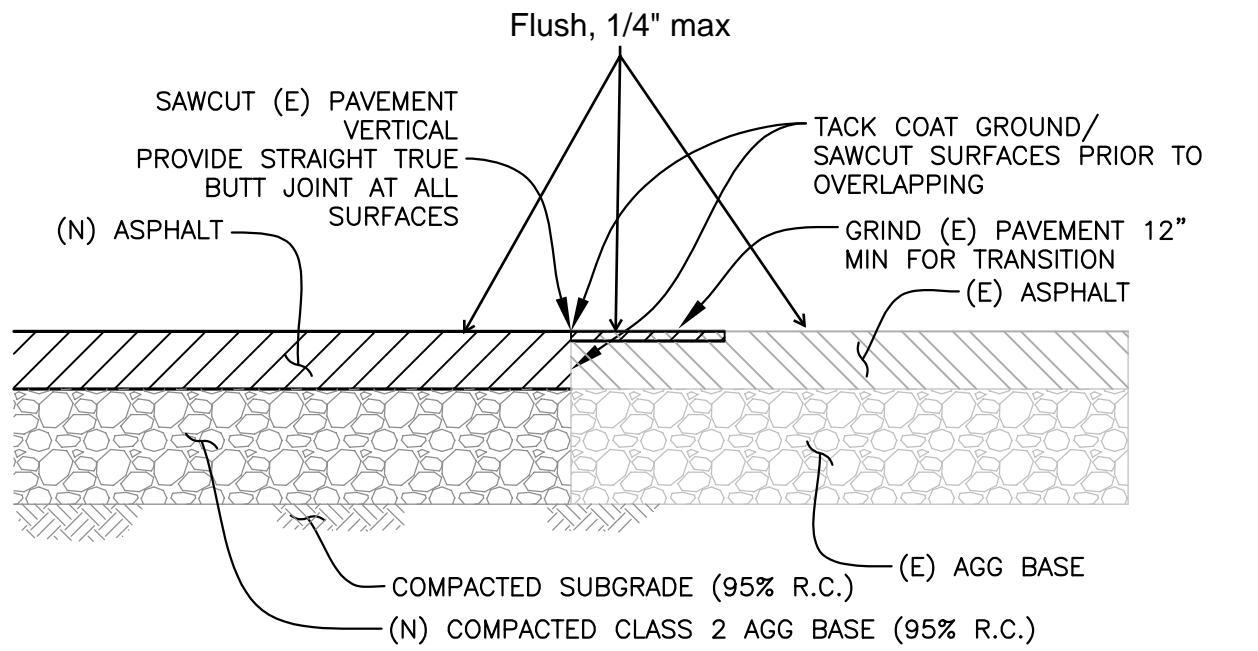
8 | TREE PROTECTION

SCALE: NTS



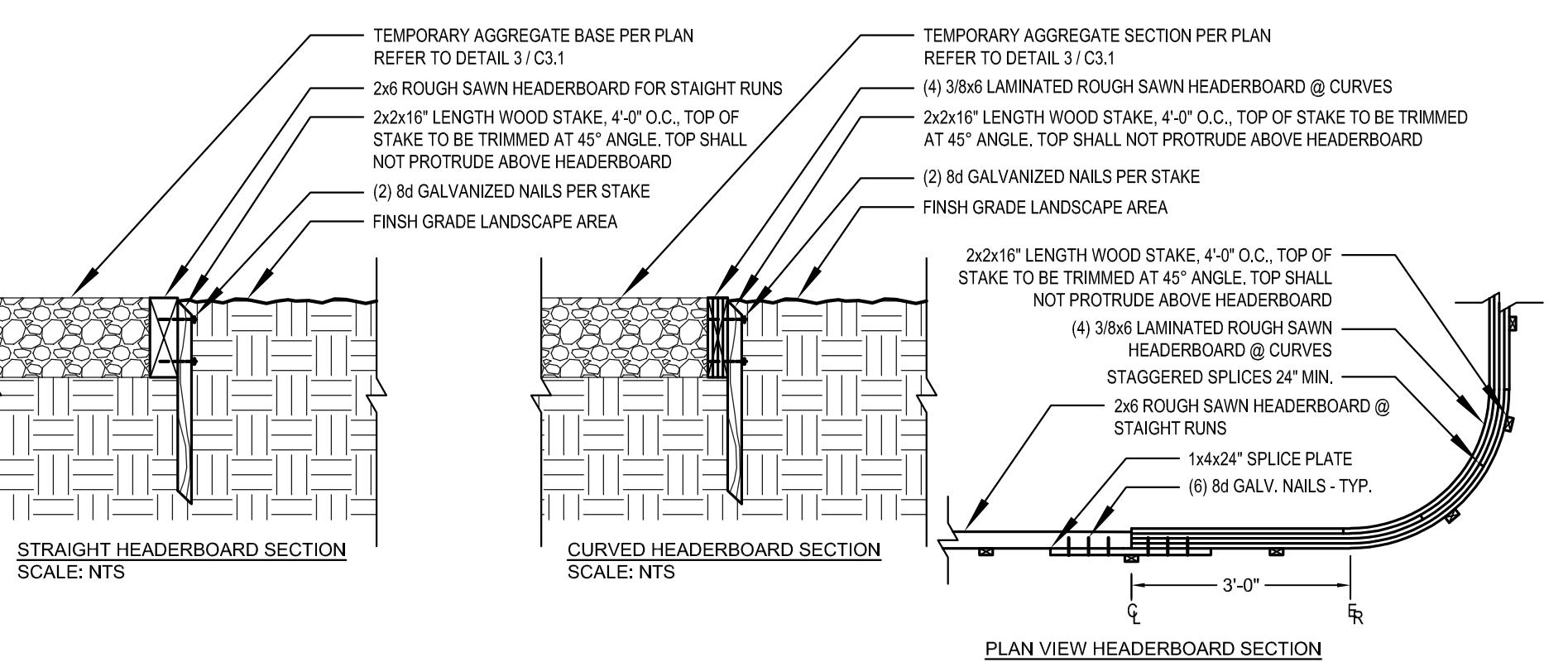
1 | AC PAVEMENT SECTION

SCALE: NTS



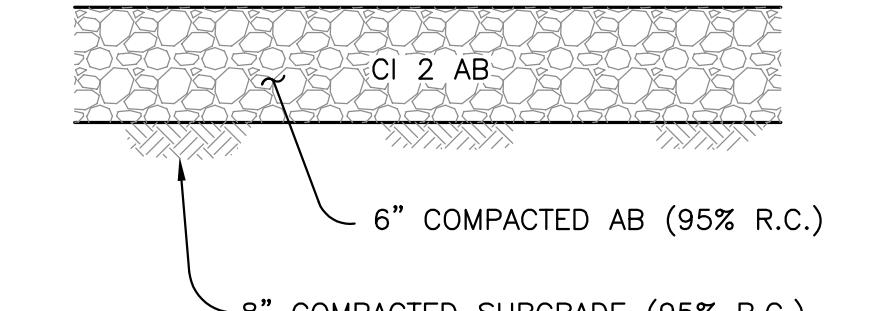
2 | AC CONFORM

SCALE: NTS



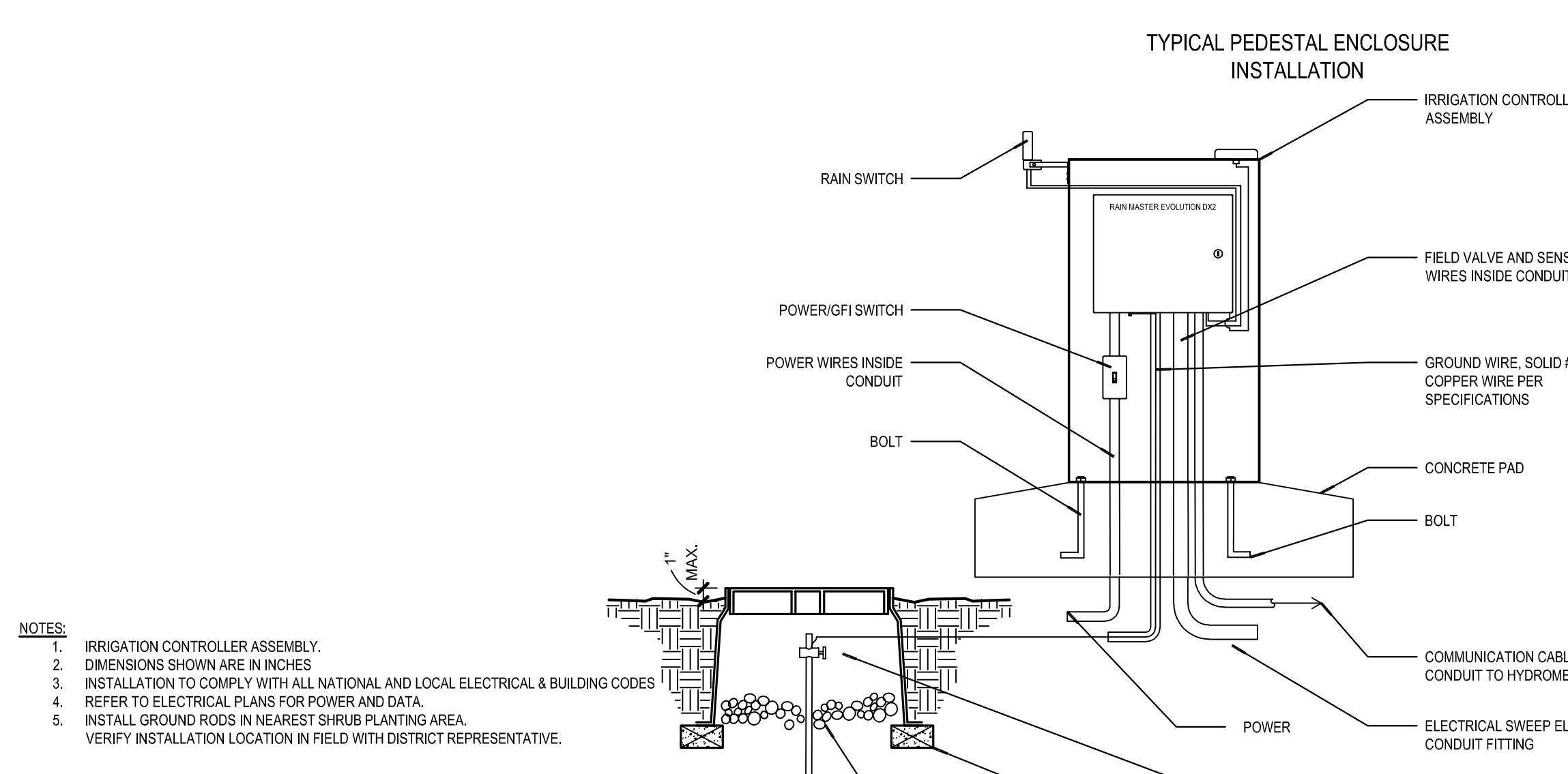
6 | HEADERBOARD @ AGGREGATE BASE

SCALE: NTS

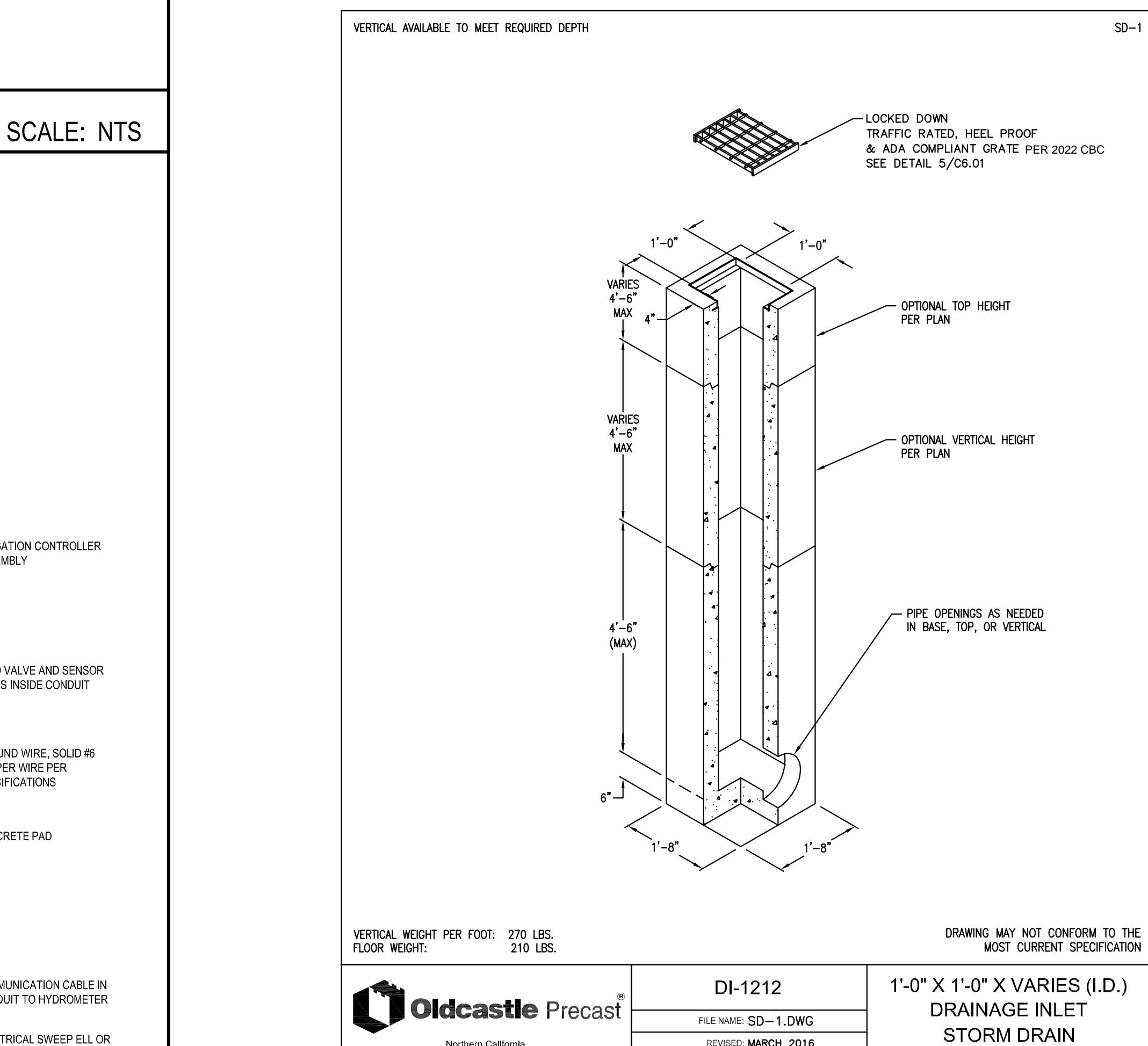


3 | TEMPORARY AGGREGATE SECTION

SCALE: NTS



7 | IRRIGATION CONTROLLER - PEDESTAL MOUNT

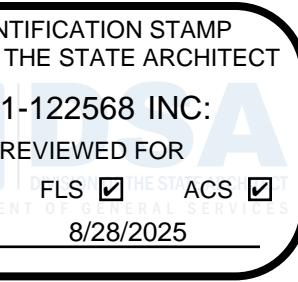


4 | STORM INLET 12"

SCALE: NTS

C3.1

MECHANICAL ABBREVIATIONS				SITE UTILITY GENERAL NOTES				DEMOLITION GENERAL NOTES			
AT	FDC	FIRE DEPARTMENT CONNECTION	R	RELAY							
AAV	AUTOMATIC AIR VENT	FDD	FLUE DISCHARGE DEFLECTOR	<RE>	REMOVE EXISTING						
AC	AIR CONDITIONING UNIT DESIGNATION	FHC	FIRE HOSE CABINET	<RR>	REMOVE/RELOCATE						
ACC	AIR COOLED CONDENSER	FLA	FULL LOAD AMPS	<RRN>	REMOV & REPLACE WITH <N>						
ACM	ASBESTOS CONTAINING MATERIAL	FLEX	FLEXIBLE								
ACP	ASBESTOS CEMENT PIPE	FLR	FLOOR								
AD	ACCESS DOOR	FM	FLOW METER								
AFF	ABOVE FINISHED FLOOR	FO(R)(S)	FUEL OIL (RETURN)(SUPPLY)								
AH	AIR HANDLER	FOV	FUEL OIL VENT								
AHU	AIR HANDLING UNIT	FPP	FINS PER FOOT	REQ'D	REQUIRED						
AHUC	AIR HANDLING UNIT CONTROLLER	FRP	FIBER REINFORCED POLYMER	RF	RETURN AIR FAN						
AI	ANALOG INPUT	FS	FLOW SWITCH	RH	RELATIVE HUMIDITY						
ALM	ALARM	FSD	COMBINATION FIRE AND SMOKE DAMPER	RHC	REHEAT COIL						
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	FT	FLOW TRANSMITTER or FEET	RL	REFRIGERANT LIQUID						
AO	ANALOG OUTPUT	G	GAS	RIM	RIM ELEVATION						
APD	AIR PRESSURE DROP (IN.W.G.)	GA	GAUGE	RIP	RETRIED-IN-PLACE						
ARCH	ARCHITECTURAL	GAL	GALLONS	RS	REFRIGERANT SUCTION						
AS	AIR SEPARATOR	GALV	GALVANIZED	RLA	RATED LOAD AMPS						
ASJ	ALL SERVICE JACKET	GF	GAS FURNACE	RO	REVERSE OSMOSIS						
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	GPM	GALLONS PER MINUTE	RPM	REVOLUTIONS PER MINUTE						
ASSY	ASSEMBLY	GSM	GALVANIZED SHEET METAL	RV	RELIEF VALVE						
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	GV	GATE VALVE	RW	RECLAIMED WATER						
B	BOILER	H	HUMIDIFIER	RWL	RAIN WATER LEADER						
BAS	BUILDING AUTOMATION SYSTEM	HB	HOSE BIBB	SAD	SUPPLY AIR DUCT						
BAV	BALANCING VALVE	HC	HEATING COIL	S.A.D.	SEE ARCHITECTURAL DRAWINGS						
BDD	BACKDRAFT DAMPERS	HDR	HEADER	SAG	SUPPLY AIR GRILLE						
BFP	BACKFLOW PREVENTER	HGR	HANGER	SAT	SUPPLY AIR (TEMPERATURE)						
BFV	BUTTERFLY VALVE	HHW(R)(S)(T)(P)	HEATING HOT WATER (RETURN)(SUPPLY)(PUMP)(TEMPERATURE)	SCBA	SELF-CONTAINED BREATHING APPARATUS						
BHP	Brake Horsepower	BLDG	BUILDING	S.C.D.	SEE CIVIL DRAWINGS						
BOD	BOTTOM OF DUCT	BOD	BOTTOM DUCT	SCHW(R)(S)(T)	SECONDARY CHW (RETURN)(SUPPLY)(TEMPERATURE)						
BOP	BOTTOM OF PIPE	BOP	BOTTOM OF PIPE	SCHWP	SECONDARY CHW PUMP						
BTU	BRITISH THERMAL UNIT	BTUH	BRITISH THERMAL UNIT PER HOUR	SD	STORM DRAIN						
BUR	BUILT-UP ROOFING	BV	BALL VALVE	SDCO	STORM DRAIN CLEAN-OUT						
BV	BALL VALVE	BVAC	HEATING VENTILATING AND AIR CONDITIONING	S.E.D.	SEE ELECTRICAL DRAWINGS						
C	CENTERLINE	BWP	HOT WATER PUMP	SEER	SEASONAL ENERGY EFFICIENCY RATIO						
CA	COMPRESSED AIR	BZ	HERTZ; CYCLES PER SECOND	SENS	SENSIBLE						
CC, C/C	COOLING COIL	CA	INSTRUMENT AIR	SF	SUPPLY FAN						
CD	CONDENSATE DRAIN	ICW	INDUSTRIAL COLD WATER	SHHW(R)(S)(T)	SECONDARY HEATING HOT WATER (RETURN)(SUPPLY)(TEMPERATURE)						
CFF	CAP FOR FUTURE	ID	INSIDE DIAMETER	SIM.	SIMILAR						
CFM or f	CUBIC FEET PER MINUTE	IE	INVERT ELEVATION	S.L.D.	SEE LANDSCAPE DRAWINGS						
CFT	CHEMICAL FEED TANK	IN.	INCH	SM	SHEET METAL						
CHCP	CHILLER CONTROL PANEL	IN.W.G.	INCHES WATER GAGE (PRESSURE)	SMD	SMOKE DAMPER						
CHW(R)(S)(T)	CHILLED WATER (RETURN)(SUPPLY)(TEMPERATURE)	IRL	IRRIGATION LINE	SMH	STEAM MANHOLE						
CLG	CEILING	KW	KILOWATT	SOVL	SOLENOID VALVE						
CLR	CENTERLINE RADIUS	LAT	LEAVING AIR TEMPERATURE	SP	STATIC PRESSURE						
CO	CLEAN-OUT	LBS	POUNDS	SPD	SUMP PUMP DISCHARGE						
COL	COLUMN	LPS	LOW PRESSURE STEAM	S.P.D.	SEE PLUMBING DRAWINGS						
CONC	CONCRETE	LWCO	LOW WATER CUT OFF	SPEC	SPECIFICATIONS						
CONN	CONNECT OR CONNECTION	LWT	LEAVING WATER TEMPERATURE	SRV	SAFETY RELIEF VALVE						
CONT	CONTINUATION	MA(T)	MIXED AIR (TEMPERATURE)	SS	SANITARY SEWER						
CONTR.	CONTRACTOR	MAV	MANUAL AIR VENT	S/S	START/STOP						
CP	CONTROL PANEL	MAX	MAXIMUM	S.S.D.	SEE STRUCTURAL DRAWINGS						
CR	CONDENSATE RETURN	MBH	1,000 BTU PER HOUR	SST	STEAM						
CRAC	COMPUTER ROOM AIR CONDITIONER	MCC	MOTOR CONTROL CENTER	STRUCT	STRUCTURAL						
CT	COOLING TOWER	MD	MANUAL VOLUME DAMPER	STS	STATUS						
CTL	CONTROL	MECH	MECHANICAL	SW	SWITCH						
CU	COPPER	MFR	MANUFACTURER	SXR	SQUARE TO ROUND TRANSITION						
CV	CONTROL VALVE	MH	MANHOLE	T	THERMOSTAT OR TEMPERATURE SENSOR (DDC)						
CW	CITY WATER	MIN	MINIMUM	TBA	TO BE ABANDONED						
CWP	CONDENSER WATER PUMP	MBTUH	MILLIONS BTU PER HOUR	TBR	TO BE REMOVED						
CW(R)(S)(T)	CONDENSER WATER (RETURN)(SUPPLY)(TEMPERATURE)	MOCP	MAXIMUM OVER CURRENT PROTECTION	TCHW(R)(S)(T)	TERTIARY CHW (RETURN)(SUPPLY)(TEMPERATURE)						
D	DRAIN	MOT	MOTORIZED	TCHWP	TERTIARY CHW PUMP						
DA	DEAERATOR	MPG	MEDIUM PRESSURE GAS	TCP	TEMPERATURE CONTROL PANEL						
DB	DRY BULB	MR	MECHANICAL ROOM	TDH	TOTAL DYNAMIC HEAD						
DCW	DOMESTIC CITY WATER	MT, MTD, MTG	MOUNT, MOUNTED, MOUNTING	TDV	TRIPLE DUTY VALVE						
DDC	DIRECT DIGITAL CONTROL	MU	MAKE-UP	TG	TRANSFER AIR GRILLE						
DHW(R)	DOMESTIC HOT WATER (RETURN)	<N>	NEW	T&G	TONGUE & GROOVE						
DI	DISCRETE INPUT	N.C.	NORMALLY CLOSED	TH	THERMOMETER						
DIA	DIAMETER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	TI	TEMPERATURE INDICATOR						
DISC	DISCONNECT	NIC	NOT IN CONTRACT	TOD	TOP OF DUCT						
DN	DOWN	NOX	NITROGEN OXIDE	TP	TEST PLUG (PETE'S PLUG)						
DO	DISCRETE OUTPUT	N.O.	NORMALLY OPEN	TR	THROUGH ROOF						
DP	DIFFERENTIAL PRESSURE	NPSH(R)	NET POSITIVE SUCTION HEAD (REQUIRED)	TRANS	TRANSITION						
DPS	DIFFERENTIAL PRESSURE SWITCH	N.T.S.	NOT TO SCALE	TS	TEMPERATURE SENSOR						
DPT	DIFFERENTIAL PRESSURE TRANSDUCER	OA(G)	OUTSIDE AIR (GRILLE)	TSP	TOTAL STATIC PRESSURE (IN.W.G.)						
DWDI	DOUBLE WIDTH, DOUBLE INLET	OA(T)	OUTSIDE AIR (TEMPERATURE)	TUC	TERMINAL UNIT CONTROLLER						
DWG	DRAWING	OAD	OUTSIDE AIR DAMPER	TYP	TYPICAL						
DWH	DOMESTIC WATER HEATER	OAI	OUTSIDE AIR INTAKE	UH	UNIT HEATER						
DX	DIRECT EXPANSION	OBD	OPPOSED BLADE DAMPER	U.O.N.	UNLESS OTHERWISE NOTED						
<E>	EXISTING	O.C.	ON CENTER	V OR VT	VENT						
EA(T)	EXHAUST AIR (TEMPERATURE)	OD	OUTSIDE DIMENSION or OUTSIDE DIAMETER	VAC	VACUUM						
EAD	EXHAUST AIR DUCT	OS&Y	OUTSIDE STEM & YOKE GATE VALVE	VAR	VARIABLE AIR VOLUME						
EAT	ENTERING AIR TEMPERATURE	OV	OUTLET VELOCITY	VAV	VARIABLE AIR BREAKER						
EER	ENERGY EFFICIENCY RATIO	OX	OXYGEN	VFD	VARIABLE FREQUENCY DRIVE						
EF	EXHAUST FAN	OWS	OPERATOR'S WORK STATION	VSD	VARIABLE SPEED DRIVE						
EJ	EXPANSION JOINT	P	PATE	VI	VIBRATION ISOLATOR						
EL	EXPANSION LOOP	PG	PIPE	V.I.F.	VERIFY IN FIELD						
ELEV	ELEVATION	PCHW(R)(S)(T)	PRIMARY CHW (RETURN)(SUPPLY)(TEMPERATURE)	VR	VENT RISER						
ELEC	ELECTRICAL	PCHWP	PRIMARY CHW PUMP	VTR	VENT THROUGH ROOF						
EMCS	ENERGY MANAGEMENT & CONTROL SYSTEM	PCR	PUMPED CONDENSATE RETURN	W	WASTE						
EMS	ENERGY MANAGEMENT SYSTEM	PD	PRESSURE DROP	WB	WET BULB						
EOD	EXTENT OF DEMOLITION	PE	PNEUMATIC TO ELECTRIC RELAY	WC	WATER COLUMN						
E/P	ELECTRO/PNEUMATIC TRANSDUCER	PG	PIPE GUIDE	WP	WEATHER PROOF						
EQ	EQUAL	PHW(R)(S)	PRIMARY HOT WATER (RETURN)(SUPPLY)	WPD	WATER PRESSURE DROP (FT. WATER)						
EQUIP.	EQUIPMENT	P&ID	PROCESS & INSTRUMENTATION DIAGRAM	WT	WEIGHT						
ESP	EXTERNAL STATIC PRESSURE (IN.W.G.)	PIV	POST INDICATING VALVE								
ET	EXPANSION TANK	PLY or PLYWD	PLYWOOD								



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# aedis architects

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# CHABOT COLLEGE BUILDING 2400 & 3800 DEMOLITION AND SITEWORK

# CHABOT LAS POSITAS COMMUNITY COLLEGE DISTRICT

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## **CONSULTANT**

**STATE**  
DSA FILE NUMBER

APPL #

No.	Description
	

1000

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<b>MILESTONES</b>	
DD	06
90% CD	08

DSA SUB 08  
DSA OTC 08  
DSA BACKCHECK 08

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## **SHEET**

# **MECHANICAL / PLUMBING GENERAL NOTE**

# SYMBOLS, & ABBREVIATIONS

1. *What is the relationship between the two concepts of the self?*

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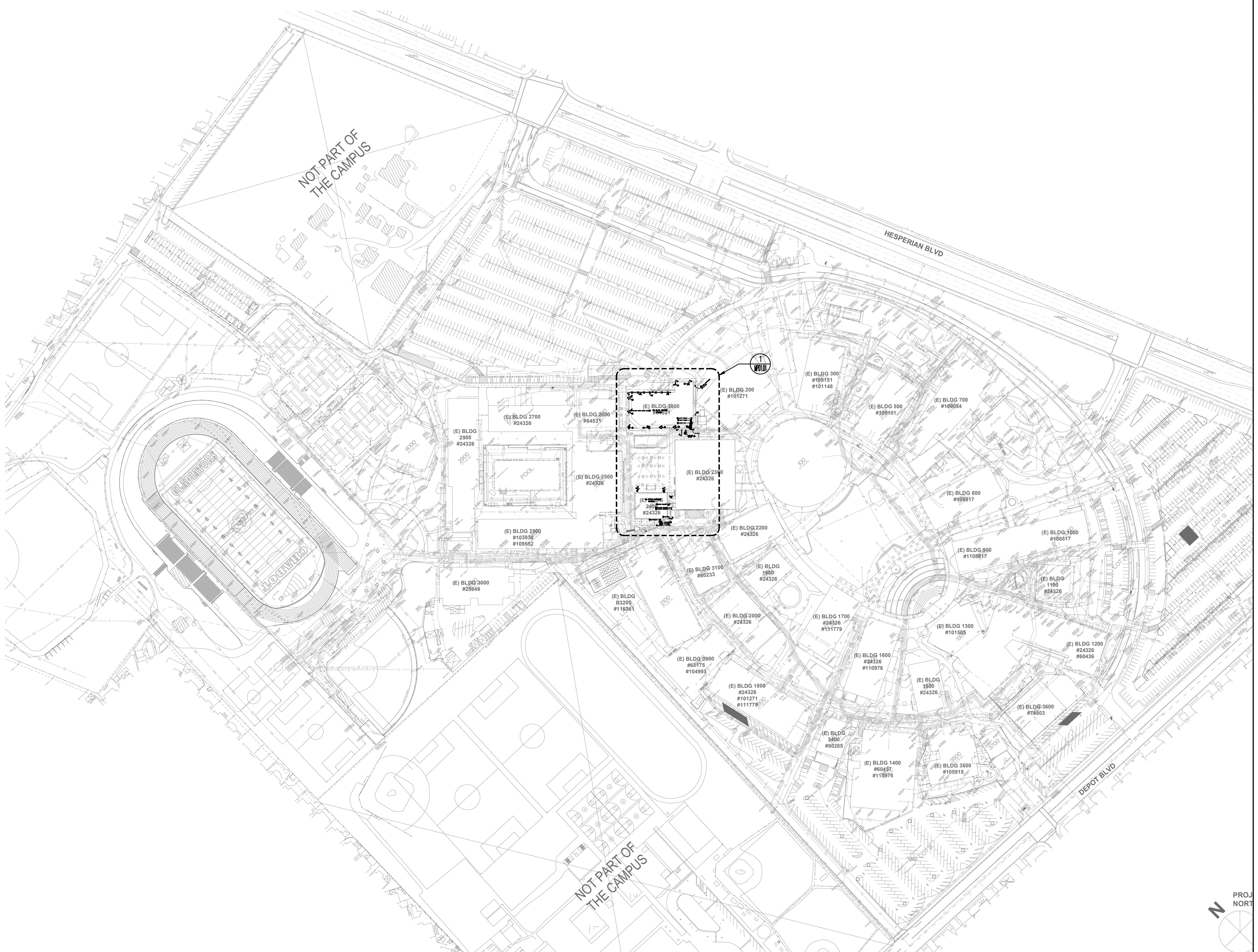
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JOB # 2025029

**SHEET #**

37 AM



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- b. STORM DRAIN PIPING AND EXTERIOR RAIN LEADERS.
- c. GAS PIPING.
- d. DOMESTIC WATER PIPING.
- e. CONDENSATE PIPING.
- f. FIRE SPRINKLER PIPING AND FIRE SPRINKLER HEADS.
- g. ROOF VENT UNITS.
- h. PACKAGED ROOFTOP UNITS.
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- n. ELECTRIC DOMESTIC WATER HEATERS.
- o. INTERIOR DUCTWORK, DAMPERS, SUPPLY AND RETURN DIFFUSERS/GRILLES.

B. ALL CONTROL WIRING, CONTROL CONDUIT AND EQUIPMENT CONTROLLERS SHALL BE DEMOLISHED.

C. REFER TO MECHANICAL, PLUMBING AND FIRE PROTECTION RECORD DRAWINGS FOR A COMPLETE SCOPE OF EXISTING CONDUITS INSIDE 2400 AND 3800. ALL EQUIPMENT, PIPING, FIXTURES, ETC. SHALL BE DEMOLISHED.

D. LOCATE ALL CAPPED UTILITIES THREE-DIMENSIONALLY ON UPDATED UTILITY AND TOPOGRAPHIC SURVEY. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

E. CONTRACTOR TO POHOLE LOCATION OF ALL UTILITIES BY HAND PRIOR TO COMMENCING WORK.

F. ALL REFRIGERANT SHALL BE RECOVERED AND RECYCLED PER CLEAN AIR ACT, SECTION 608.

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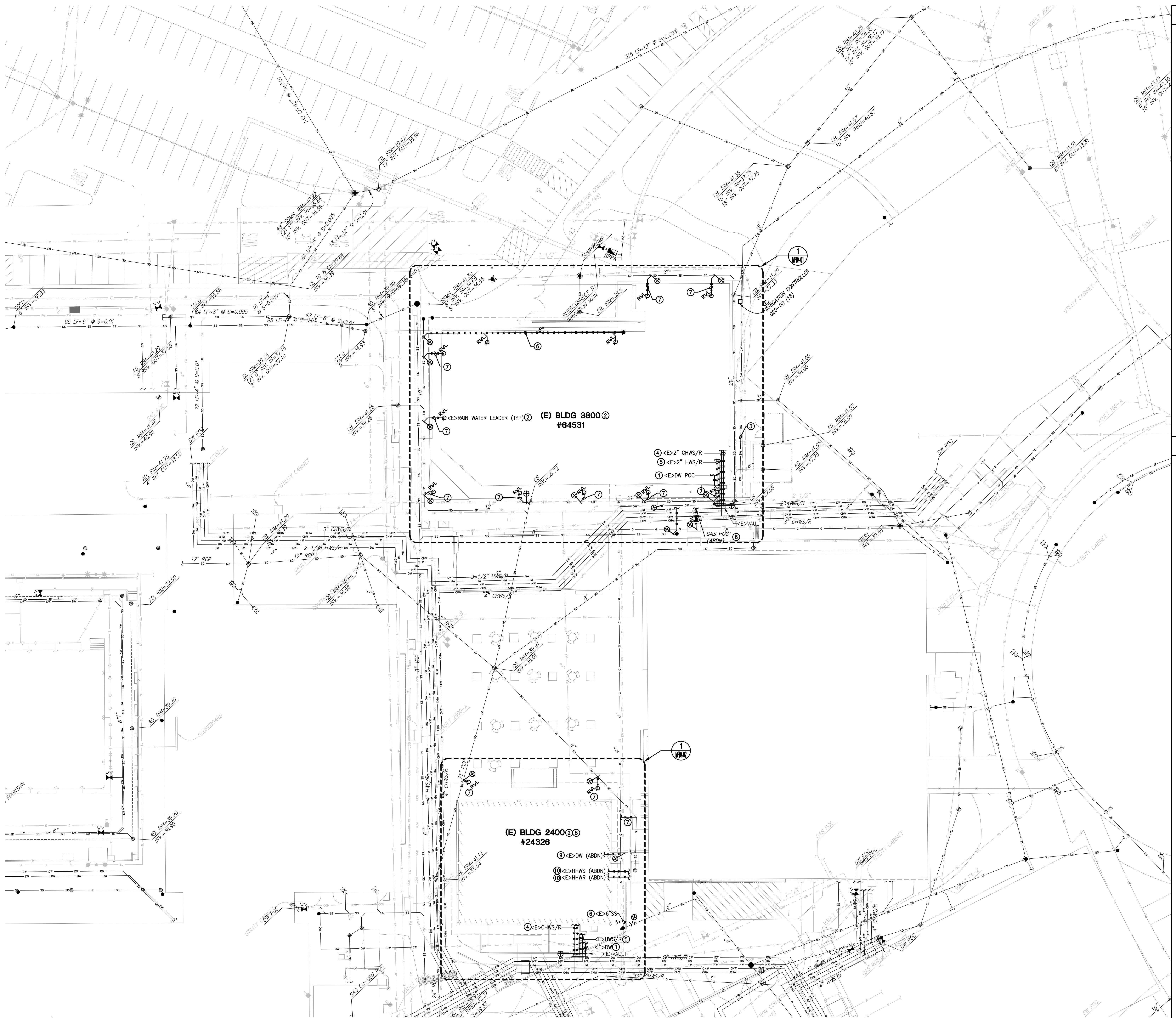
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**MECHANICAL / PLUMBING SITE PLAN - DEMO**

**DATE** 08.14.2025  
**JOB #** 2025029

**SHEET #**  
**MPD1.00**

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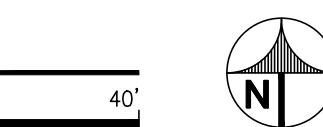
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1 PARTIAL SITE PLAN - DEMO

SCALE: 1" = 20' - 0"

0 20' 40'



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- k. GAS FIRED DOMESTIC WATER HEATERS.
- l. ELECTRIC DOMESTIC WATER HEATERS.
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B. ALL CONTROL WIRING, CONTROL CONDUIT AND EQUIPMENT CONTROLLERS SHALL BE DEMOLISHED.

C. REFER TO MECHANICAL, PLUMBING AND FIRE PROTECTION RECORD DRAWINGS FOR A COMPLETE SCOPE OF EXISTING CONDUITS INSIDE 2400 AND 3800. ALL EQUIPMENT, PIPING, FIXTURES, ETC. SHALL BE DEMOLISHED.

D. LOCATE ALL CAPPED UTILITIES THREE-DIMENSIONALLY ON UPDATED UTILITY AND TOPOGRAPHIC SURVEY. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

E. CONTRACTOR TO POHOLE LOCATION OF ALL UTILITIES BY HAND PRIOR TO COMMENCING WORK.

F. ALL REFRIGERANT SHALL BE RECOVERED AND RECYCLED PER CLEAN AIR ACT, SECTION 608.

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REFERENCE SHEET NOTES

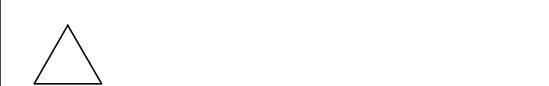
1. DEMOLISH <E>DOMESTIC WATER CONNECTION TO BUILDING BACK TO <E>WATER SHUTOFF VALVE IN VAULT. CAP <E>DOMESTIC WATER LINE DOWNSTREAM OF SHUTOFF VALVE WITHIN VAULT.
2. DEMOLISH <E>EXTERIOR PLUMBING PIPING AND EQUIPMENT, INCLUDING HOSE BIBS, RAIN WATER LEADERS, ROOF DRAINS AND DRINKING FOUNTAINS.
3. PROTECT <E>UNDERGROUND DOMESTIC WATER LINE IN PLACE. PIPING IS ACTIVE AND SHALL NOT BE DISTURBED.
4. DEMOLISH ALL <E>CHILLED WATER SUPPLY & RETURN PIPING CONNECTIONS TO BUILDING BACK TO <E>CHWS/R SHUTOFF VALVES IN VAULT. CAP <E>CHWS/R LINES DOWNSTREAM OF SHUTOFF VALVES WITHIN VAULT.
5. DEMOLISH ALL <E>HEATING HOT WATER SUPPLY & RETURN PIPING CONNECTIONS TO BUILDING BACK TO <E>HWS/R WATER SHUTOFF VALVES IN VAULT. CAP <E>HWS/R LINES DOWNSTREAM OF SHUTOFF VALVES WITHIN VAULT.
6. DEMOLISH <E>SANITARY BUILDING LATERALS BACK TO NEAREST MAIN. SEE CIVIL DRAWINGS FOR WORK BEYOND 5' OF BUILDING FOOTPRINT. CAP PIPING AS NEEDED, AS CLOSE TO <E>MAIN AS POSSIBLE.
7. DEMOLISH <E>STORM DRAIN BUILDING LATERALS BACK TO NEAREST MAIN. SEE CIVIL DRAWINGS FOR WORK BEYOND 5' OF BUILDING FOOTPRINT. CAP PIPING AS NEEDED, AS CLOSE TO <E>MAIN AS POSSIBLE.
8. DEMOLISH ALL <E>GAS CONNECTION TO BUILDING. DEMOLISH PIPING BACK TO <E>SHUTOFF VALVE AND INSTALL CAP. CAP SHALL BE INSTALLED IN <E>GAS VAULT. PROVIDE TAG ON VALVE STATING "NOT IN SERVICE".
9. DEMOLISH <E>ABANDONED DOMESTIC WATER PIPING TO 5' BEYOND BUILDING FOOTPRINT. CAP AND SEAL PIPING BELOW GRADE.
10. DEMOLISH <E>ABANDONED HWS/R PIPING TO 5' BEYOND BUILDING FOOTPRINT. CAP AND SEAL PIPING BELOW GRADE.
11. DEMOLISH FIRE PROTECTION CONNECTION TO BUILDING, INCLUDING ANDY ASSOCIATED RISERS, VALVES, ALARMS, ETC. LOCATED ON BUILDING EXTERIOR. SEE CIVIL DRAWINGS FOR EXTENT OF FIRE PROTECTION PIPING BEYOND BUILDING FOOTPRINT.



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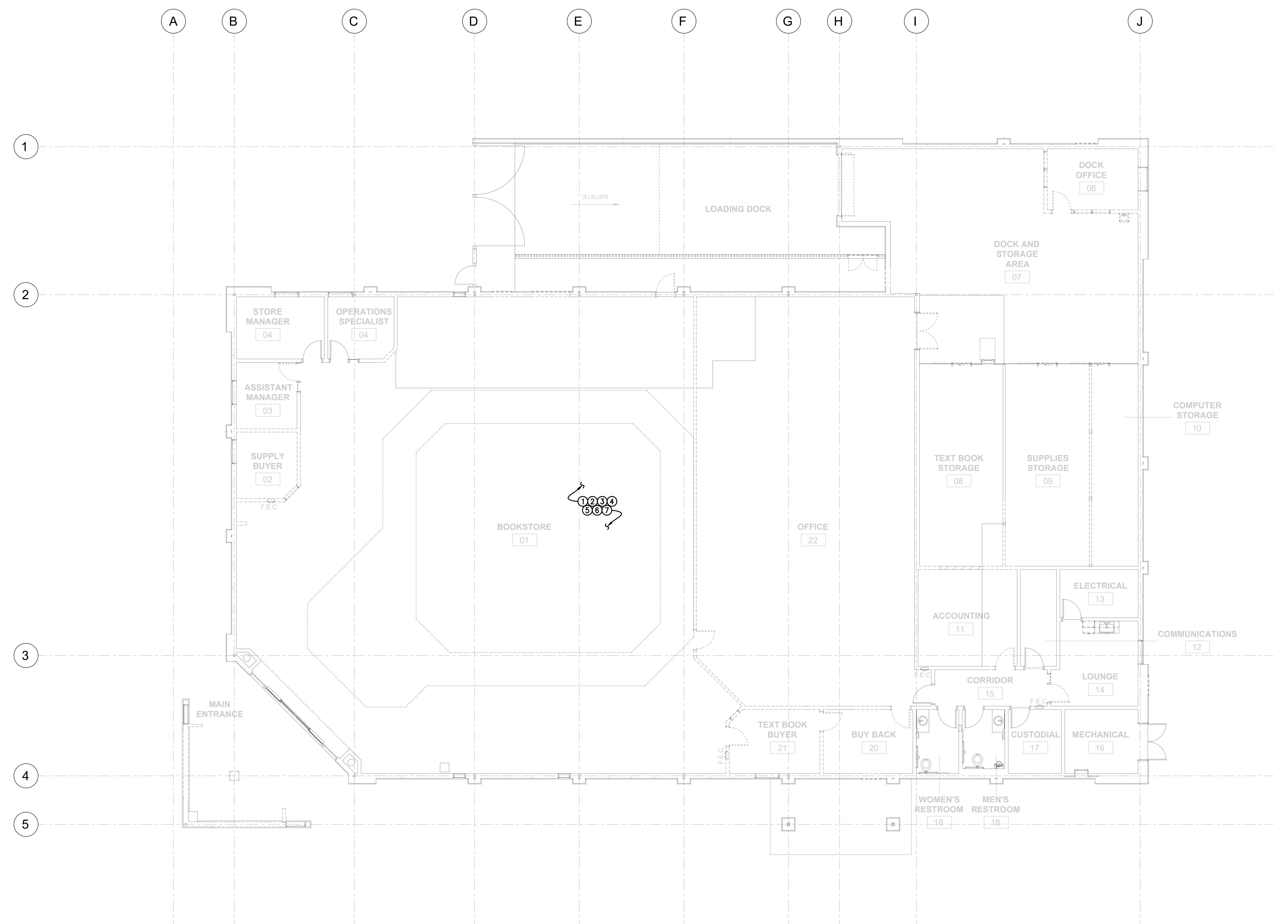
SHEET  
MECHANICAL /  
PLUMBING  
PARTIAL SITE PLAN -  
DEMO

DATE 08.14.2025  
JOB # 2025029

SHEET #

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1 B3800 FLOOR PLAN - DEMO

SCALE: 1/8" = 1' - 0"



### GENERAL SHEET NOTES

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- c. GAS PIPING.
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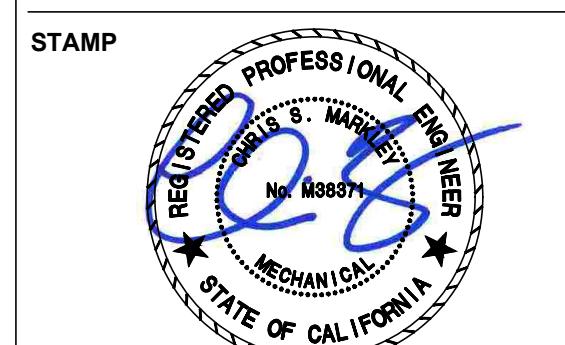
CHABOT COLLEGE  
BUILDING 2400 & 3800  
DEMOLITION AND  
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COMMUNITY COLLEGE  
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CONSULTANT

### REFERENCE SHEET NOTES

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2. DEMOLISH ALL <E>GAS PIPING INSTALLED IN BUILDING.
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4. DEMOLISH <E>INTERIOR FIRE RISER AND ASSOCIATED FIRE SPRINKLER PIPING AND HEADS WITHIN BUILDING.
5. DEMOLISH <E>INTERIOR SANITARY SEWER AND STORM DRAIN PIPING WITHIN BUILDING.
6. DEMOLISH <E>PLUMBING FIXTURES, INCLUDING BUT NOT LIMITED TO, WATER CLOSETS, LAVATORIES, FLOOR DRAWINGS, SINKS, AND SHOWERS.
7. DEMOLISH <E>GAS PIPING WITHIN BUILDING, INCLUDING ALL ASSOCIATED EQUIPMENT SERVED BY THE GAS PIPING (DOMESTIC WATER HEATERS, ETC.).



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MILESTONES

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DSA BACKCHECK 08.27.2025

SHEET

MECHANICAL /  
PLUMBING  
B3800 FLOOR PLAN -  
DEMO

DATE 08.14.2025

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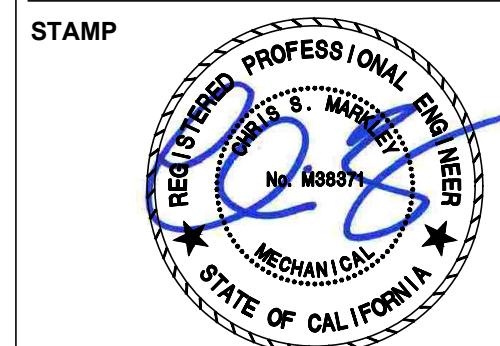
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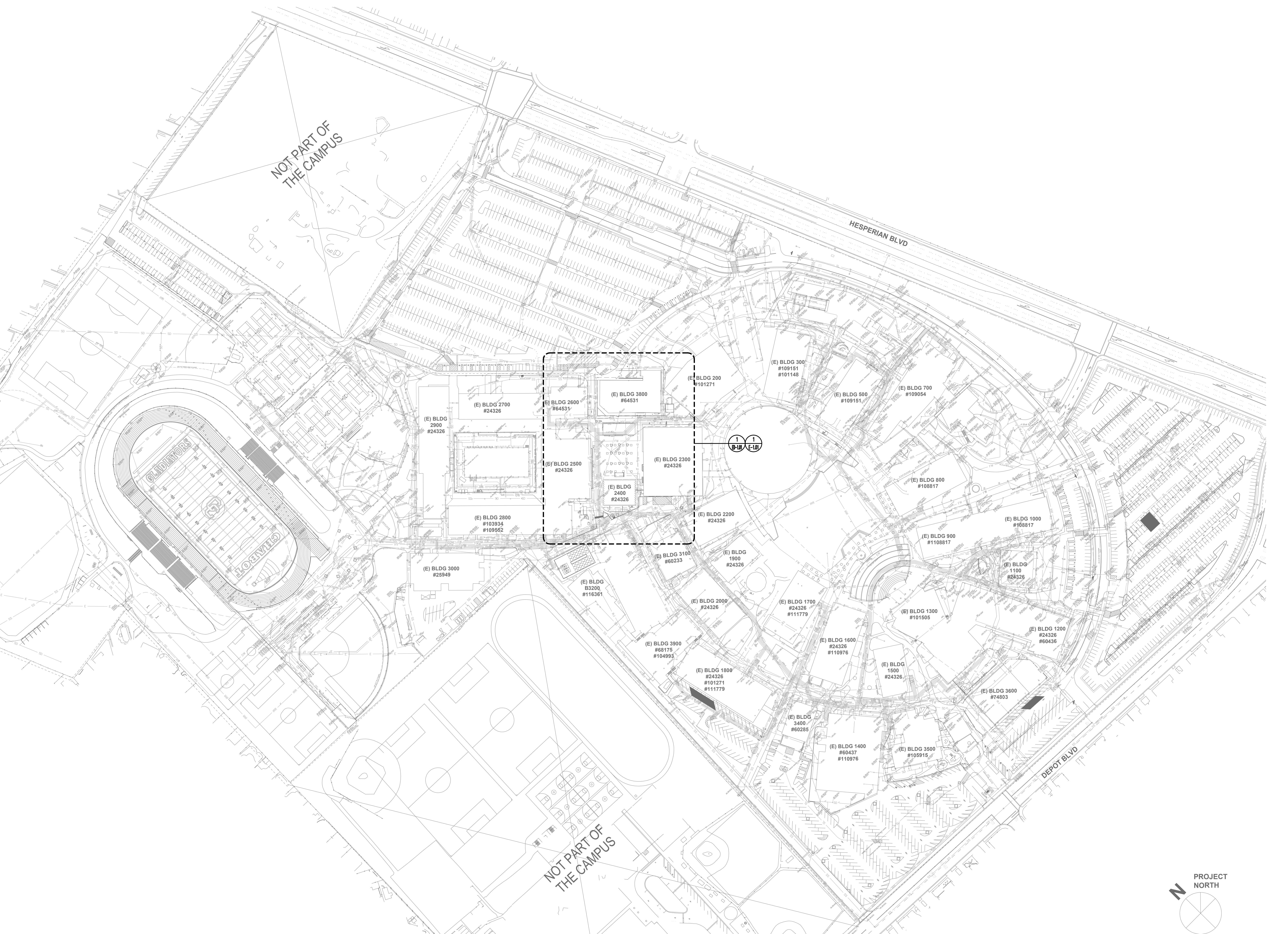
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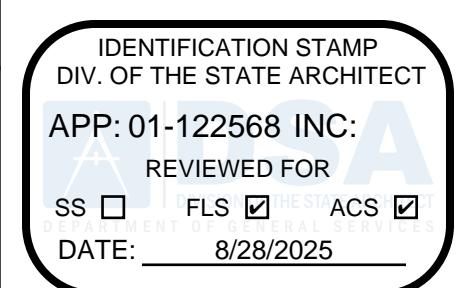
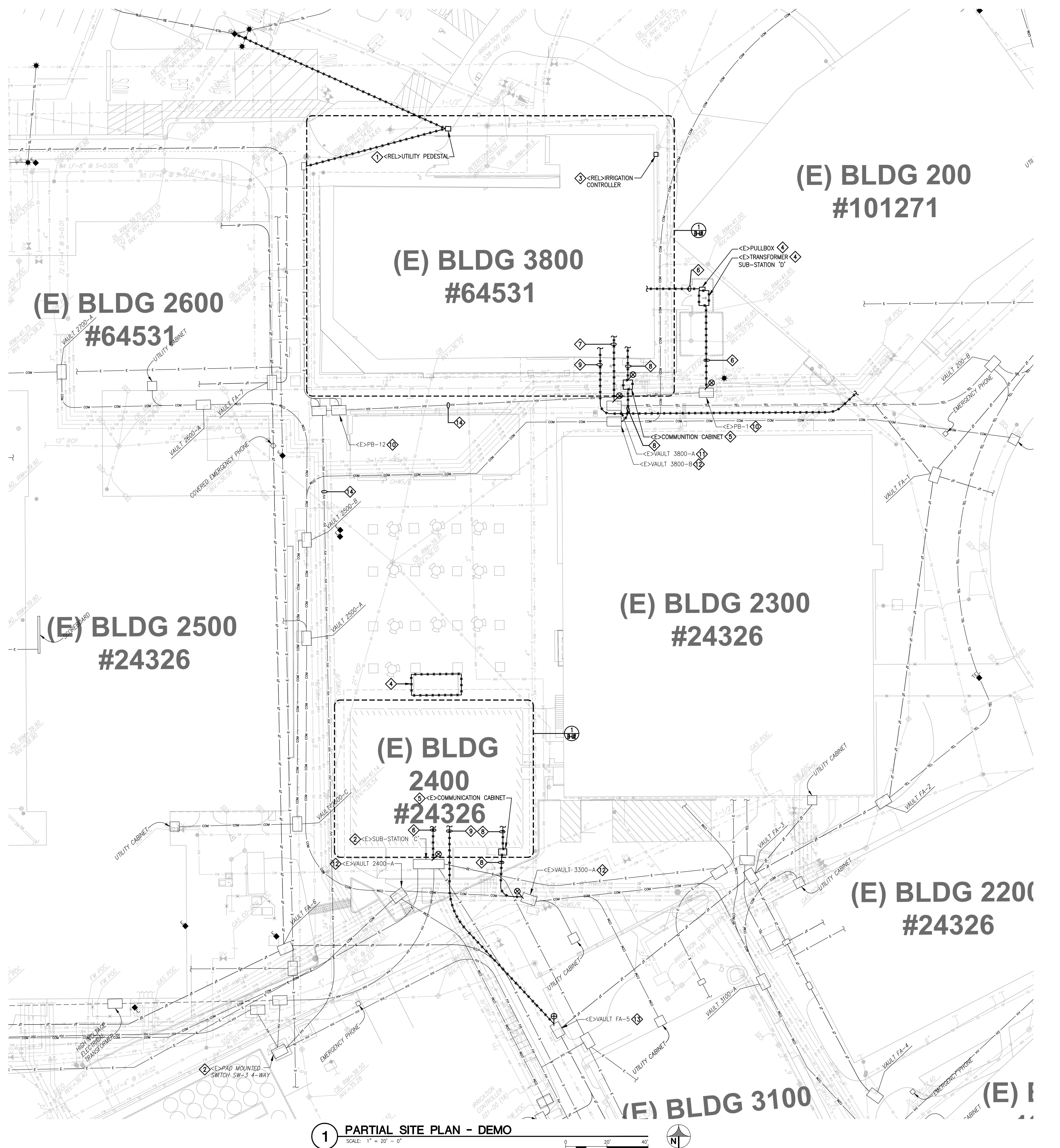
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1 B2400 FLOOR PLAN - DEMO  
SCALE: 1/8" = 1' - 0"

GENERAL NOTES		DEMOLITION NOTES		SYMBOLS		ABBREVIATIONS																					
<p>1. CONTRACTOR IS RESPONSIBLE TO OBTAIN A COMPLETE SET OF CONTRACT DOCUMENTS, APPENDIX, DRAWINGS, AND SPECIFICATIONS PRIOR TO SUBMITTING PROPOSAL. CONTRACTOR SHALL EXAMINE ARCHITECTURAL, STRUCTURAL AND MECHANICAL CONSTRUCTION DRAWINGS AND SPECIFICATIONS AND SHALL HAVE VISITED THE CONSTRUCTION SITE. HE/SHE SHALL BE FAMILIAR WITH THE EXISTING CONDITIONS UNDER WHICH HE/SHE WILL HAVE TO OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THIS CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS/HER PART. DETERMINE THE SEQUENCE OF CONSTRUCTION THROUGHOUT THE PROJECT, INCLUDING TEMPORARY FACILITIES AND CONNECTIONS REQUIRED FOR THE DURATION OF THE PROJECT.</p> <p>2. ALL TEMPORARY CONNECTIONS SHALL BE CONSIDERED PART OF THIS CONTRACT AND NO EXTRA CHARGES WILL BE ALLOWED. THIS SHALL INCLUDE MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT.</p> <p>3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONS AND PROPERTY AND SHALL PROVIDE INSURANCE COVERAGE AS NECESSARY FOR LIABILITY, PERSONAL AND PROPERTY DAMAGE, TO FULLY PROTECT THE OWNER, ARCHITECT, AND ENGINEER FROM ANY AND ALL CLAIMS RESULTING FROM THIS WORK.</p> <p>4. THE CONTRACTOR SHALL PROVIDE TO THE ARCHITECT A CONSTRUCTION SCHEDULE OF ALL ELECTRICAL WORK. THE CONSTRUCTION SCHEDULE SHALL IDENTIFY ALL SIGNIFICANT MILESTONES WITH COMPLETION DATES.</p> <p>5. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS AT THE PROJECT SITE INDICATING ALL MODIFICATIONS TO ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL, AT THE CONCLUSION OF THE PROJECT, PROVIDE A SET OF REPRODUCIBLE (AUTOCAD), ACCURATE AND NEAT "AS-BUILT" DRAWINGS ACCEPTABLE TO THE ARCHITECT.</p> <p>6. THESE DRAWINGS DO NOT REPRESENT THE EXACT LOCATIONS, SIZES OR EXTENT OF UTILITIES ON SITE. CONTRACTOR SHALL TAKE STANDARD PRECAUTIONS FOR WORK IN EXISTING FACILITIES.</p> <p>7. EXISTING ELECTRICAL WIRING WHICH WILL NOT BE MADE OBSOLETE AND WHICH WILL BE DISTURBED DUE TO CONSTRUCTION CHANGES REQUIRED BY THIS CONTRACT SHALL BE RESTORED TO OPERATING CONDITION AS REQUIRED AND/OR DIRECTED. WHERE REQUIRED, SHOWN AND/OR DIRECTED, OUTLETS AND CONDUIT RUNS SHALL BE RELOCATED. IN SOME CASES IT MAY BE NECESSARY TO EXTEND CONDUITS AND PULL IN NEW WIRING OR INSTALL JUNCTION BOXES AND SPLICE IN NEW WIRING OR REPLACE OLD WIRING WITH NEW.</p> <p>8. CERTAIN REMODELING OF ELECTRICAL FACILITIES WILL BE REQUIRED IN THE EXISTING BUILDING. THESE CONDUIT RUNS ARE GENERALLY NOT SHOWN ALTHOUGH THE CONTRACTOR HAS BEEN MADE TO SHOW SOME EXISTING CONDITIONS, ON WHICH INFORMATION HAS BEEN TAKEN FROM EXISTING RECORD DRAWINGS AND/OR LIMITED FIELD INVESTIGATIONS. THE DRAWINGS SHOWING LOCATION OF EXISTING EQUIPMENT, OUTLETS, FIXTURES, ETC., ARE APPROXIMATE ONLY (CONTRACTOR TO FIELD VERIFY).</p> <p>9. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY AND SHALL BE INSTALLED AS PER LISTING OR LABELING (IE. MAXIMUM FUSE SIZE MEANS FUSE PROTECTION IS REQUIRED).</p> <p>10. ALL ELECTRICAL EQUIPMENT AND INSTALLATION SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:</p> <ul style="list-style-type: none"> <li>a. AMERICAN STANDARD ASSOCIATION (ASA)</li> <li>b. AMERICAN NATIONAL STANDARD INSTITUTE (ANSI)</li> <li>c. AMERICAN SOCIETY OF TESTING MATERIALS (ASTM)</li> <li>d. CALIFORNIA CODE OF REGULATIONS TITLE 24 (CCR)</li> <li>e. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)</li> <li>f. INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPECA)</li> <li>g. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)</li> <li>h. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)</li> <li>i. ALL LOCAL CODE HAVING JURISDICTION</li> </ul> <p>11. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND INCIDENTAL COSTS NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK, INCLUDING ALL CHARGES BY STATE, COUNTY AND LOCAL GOVERNMENTAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ELECTRICAL UTILITY SYSTEM SHUT-DOWNS AND START-UP. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION REQUIRED WITH OTHER AGENCIES AND UTILITY COMPANIES.</p> <p>12. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CROSSINGS ON NEW UTILITIES WITH THAT OF EXISTING ON SITE AND IN ADJACENT PROPERTIES. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DEVIATIONS OR DISCREPANCIES FROM THE PLAN.</p> <p>13. CONTRACTOR SHALL COORDINATE HIS/HER WORK WITH OTHER TRADES ON-SITE, ANY COST TO PERFORMANCE WORK TO ACCOMPLISH SAID COORDINATION WHICH DIFFERS FROM THE WORK AS SHOWN ON THE DRAWINGS SHALL BE INCURRED BY THE CONTRACTOR. ANY DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT DURING BID TIME FOR CLARIFICATIONS. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL BE SUBJECT TO THE INTERPRETATION OF THE ARCHITECT/ENGINEER AT NO ADDITIONAL COST TO THE OWNER.</p> <p>14. COORDINATE WITH OTHER TRADES AS TO THE EXACT LOCATION OF THEIR RESPECTIVE EQUIPMENT, PROVIDE POWER AND CONNECTION TO MOTORS AND EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS AS INDICATED ON ELECTRICAL DRAWINGS AND DRAWINGS OF OTHER TRADES. CONTRACTOR SHALL REVIEW DRAWINGS OF OTHER TRADES FOR CONTROL DIAGRAMS, SIZE AND LOCATION OF EQUIPMENT, DISCONNECT SWITCHES, STARTERS, AND CONDUITS FOR CONTROL WIRING FOR MECHANICAL AND PLUMBING EQUIPMENT SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING MANUFACTURER'S SHOP DRAWINGS PRIOR TO ROUGHING IN ALL CONDUITS TO THIS EQUIPMENT.</p> <p>15. BEFORE ROUGH-IN, VERIFY ALL MOUNTING HEIGHTS AND EXACT LOCATIONS FOR ALL EQUIPMENT, ELECTRICAL CONNECTIONS, STUB-UPS, RECEPTACLES, OUTLETS, CONDUIT RUNS, ETC. WITH ARCHITECT AND OWNER. PLACE DEVICES LOCATED ABOVE COUNTERS, SHELVING, ETC. AND IN BATHROOMS SO AS NOT TO CONFLICT WITH EDGES OF WANS陪着, COUNTER SPLASH, SHELVING, ETC. ARCHITECTURAL DRAWINGS SHALL GOVERN. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF ELECTRICAL DEVICES.</p> <p>16. MOUNTING HEIGHTS OF ALL CONTROL DEVICES TO BE USED BY OCCUPANT OF THE ROOM OR AREA SHALL BE MOUNTED AT THE FOLLOWING HEIGHTS:</p> <ul style="list-style-type: none"> <li>RECEPTACLES OUTLETS : +18" (TO BOTTOM OF OUTLET)</li> <li>TELEPHONE/TV/DATA OUTLETS : +18" (TO BOTTOM OF OUTLET)</li> <li>LIGHT SWITCHES : +44" (TO HIGHEST OUTLET)</li> <li>OUTLETS ABOVE COUNTER : +44" (TO HIGHEST OUTLET)</li> </ul> <p>MOUNTING HEIGHTS OF ALL DEVICES AND EQUIPMENT ARE FROM FINISHED FLOOR TO LOCATION OF DEVICE AS NOTED. EQUIPMENT INSTALLED IN LOCATIONS NOT APPROVED BY THE ARCHITECT SHALL BE RELOCATED AS DIRECTED BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.</p> <p>17. COORDINATE ALL OUTLET BOX INSTALLATION WITH ARCHITECTURAL WALL FINISH SCHEDULES. SPACE BETWEEN FACEPLATE AND DEVICE BOX SHALL NOT EXCEED 1/8".</p> <p>18. FOR RENOVATION WORK, THE CONTRACTOR SHALL CONCEAL ALL WORK WHERE POSSIBLE. ALL EXPOSED RACEWAY AND BOXES IN OCCUPIED AREAS OR ON EXTERIOR WALLS SHALL BE PAINTED TO MATCH ADJACENT FINISHES.</p> <p>19. THE CONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR THE PROPER RESTORATION OF ALL EXISTING SURFACE REQUIRING PATCHING, PLASTERING, PAINTING AND/OR OTHER REPAIR DUE TO THE INSTALLATION OF ELECTRICAL WORK UNDER THE TERMS OF THIS SPECIFICATION. CLOSE ALL OPENINGS, REPAIR ALL SURFACES, ETC. AS REQUIRED.</p> <p>20. SEAL ALL CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS AND CEILINGS. FURNISH AND INSTALL FIRE RATED BACKBOXES AS REQUIRED, MAINTAINING FIRE RATING OF CEILING OR WALLS WHERELESS. OTHER EQUIPMENT, SUCH AS LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANEL, ETC. ARE INSTALLED IN RATED WALL OR CEILINGS, PENETRATIONS OF FIRE RATED WLS. CEILINGS, OR FLOORS SHALL COMPLY WITH CBC CHAPTER 7 (714) REQUIREMENTS. CONDUIT PENETRATIONS THAT ARE NOT STUBBED-OUT INSIDE THE WALL SHALL MEET F AND T RATING. ALL FIRE PROOFING METHODS SHALL BE UL APPROVED.</p> <p>21. ALL EXTERIOR EQUIPMENT SHALL BE NEMA 3R RATED. ALL WALL PENETRATIONS TO EXTERIOR WALLS SHALL BE SEALED WATER TIGHT.</p> <p>22. PULLING TAPES: ALL RACEWAY WITHOUT CABLE OR WIRE SHALL BE INSTALLED WITH A MINIMUM 1100 LB/S STRENGTH TEST POLYESTER PULLING TAPE. PULLING TAPES SHALL BE DETECTABLE MULE-TAPE WITH SEQUENTIAL FOOTAGE MARKING.</p> <p>23. RUN NO MORE THAN 3 CURRENT CARRYING CONDUCTORS IN ANY WIREWAY UNLESS DE-RATING IS APPROVED BY ENGINEER OR SHOWN ON DRAWINGS.</p> <p>24. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER, #10 AWG MINIMUM, RATED FOR 600V, THHN/THWN, 75 DEGREE CELSIUS. ALL CONDUCTORS SHALL BE STRANDED, SOFT DRAWN ANNEALED COPPER WIRE 98% CONDUCTIVITY, BEARING THE UL LABEL. SYSTEM VOLTAGE SHALL BE IDENTIFIED AS TO VOLTAGE AND PHASE CONNECTIONS BY MEANS OF COLOR IMPREGNATED INSULATION OR APPROVED COLORED MARKING TAPE.</p> <p>25. WHERE MULTI-HOMERUNS ARE INDICATED ON DRAWINGS INDICATING THE SAME CIRCUIT NUMBER, PROVIDE A JUNCTION BOX ABOVE THE ACCESSIBLE CEILING AND ROUTE ONE SET OF WIRES TO THE CIRCUIT BREAKER.</p> <p>26. REFER TO THE SINGLE LINE DIAGRAM FOR THE CONDUIT AND CONDUCTOR SIZES HOMERUN TO ELECTRICAL PANELS. CONDUIT RUNS MAY NOT BE SHOWN ON DRAWINGS, BUT ARE PART OF THIS CONTRACT.</p> <p>27. ALL CONDUIT RUNS INCLUDING STRAIGHT FEEDER AND BRANCH CIRCUIT SHALL BE PROVIDED WITH SUFFICIENT PULL BOXES OR JUNCTION BOXES TO LIMIT THE MAXIMUM LENGTH OF ANY SINGLE CABLE PULL TO 100 FEET. PULL BOXES SHALL BE SIZED PER CODE OR AS INDICATED ON DRAWINGS. LOCATIONS SHALL BE DETERMINED IN THE FIELD OR AS INDICATED ON THE DRAWINGS.</p> <p>28. FINAL CONNECTIONS TO ALL EQUIPMENT SHALL BE PER MANUFACTURER'S APPROVED WIRING DIAGRAMS, DETAILS, AND INSTRUCTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MATERIAL AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.</p> <p>29. DO NOT COMBINE DIFFERENT SYSTEM VOLTAGES IN SAME CONDUIT (EG., 120/208V VS. 277/480V), UNLESS APPROVED BY ENGINEER OR SHOWN ON DRAWINGS.</p> <p>30. ELECTRICAL SYSTEMS SHALL BE INSTALLED FOR FINAL INSPECTIONS. PROVIDE NEUTRAL TEST AND PROOF OF TORQUE DURING FINAL INSPECTION FOR ALL UNITS. FINAL TERMINATIONS OF CONDUCTORS TO ELECTRICAL EQUIPMENT AND DEVICES SHALL BE TORQUE WRENCH TIGHTENED TO THE MANUFACTURER'S RECOMMENDED SPECIFICATION, NO EXCEPTION.</p>		<p>31. CIRCUIT BREAKER TERMINALS IN SWITCHBOARDS AND LOAD CENTER SHALL BE UL LISTED AND APPROVED FOR USE WITH COPPER 75 DEGREE CELSIUS CONDUCTORS.</p> <p>32. SIZES OF BREAKERS, SWITCHES, FUSES AND FEEDERS ARE BASED ON DESIGNED EQUIPMENT SIZES. THESE SIZES SHALL BE ADJUSTED TO SATISFY REQUIREMENTS OF ACTUAL INSTALLED OR SUBSTITUTE EQUIPMENT, UP SIZING OR DOWNSIZING OF FEEDERS SHALL BE PROVIDED WITHOUT ADDITIONAL CO CONNECTION IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS/HER PART. DETERMINE THE SEQUENCE OF CONSTRUCTION THROUGHOUT THE PROJECT, INCLUDING TEMPORARY FACILITIES AND CONNECTIONS REQUIRED FOR THE DURATION OF THE PROJECT.</p> <p>33. AS REQUIRED ALL OVERSIZED FEEDERS THAT WERE ADJUSTED IN SIZE TO COMPENSATE FOR VOLTA DROPS SHALL BE PROVIDED WITH ADAPTER LUGS OR SPLICE BOX. ADAPTER LUGS SHALL BE PROVIDED IF SIZE IS AVAILABLE. OTHERWISE PROVIDE CABLE SPLICES IN THE SPLICE BOX TO REDUCE CABLE TO THE MAXIMUM SIZE THAT THE BREAKER LUGS CAN ACCOMMODATE.</p> <p>34. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAW-CUTTING, TRENCHING, BACKFILLING, COMPACTING AND PATCHING OF CONCRETE AND ASPHALT AS REQUIRED TO COMPLETE WORK. USE EXTREME CAUTION WHEN TRENCHING NEAR EXISTING UNDERGROUND UTILITY LINES. CONTRACTOR SHALL PROVIDE ALL REQUIRED CUTTING, PATCHING, PAINTING, AND REPAIRS NECESSARY TO RESTORE DAMAGED SURFACES TO EQUAL OR BETTER THAN ORIGINAL CONDITIONS EXISTING AT THE START OF WORK.</p> <p>35. ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST HORIZONTAL FORCE ACT IN ANY DIRECTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF ASCE7.</p> <p>36. ALL INTERIOR AND ABOVE GRADE EXTERIOR CONDUIT INSTALLATION SHALL BE RIGID GALVANIZED STEEL, UNLESS EXCEPTED BY NOTE 37 BELOW.</p> <p>37. ELECTRICAL METALLIC TUBING (EMT) MAY BE USED IN THE FOLLOWING CONDITIONS: INTERIOR APPLICATIONS, SMALLER THAN 2" TRADE SIZE DIAMETER AND INSTALLED EIGHT (8) FEET FROM FINISHED FLOOR OR HIGHER, OR INTERIOR APPLICATIONS, SMALLER THAN 2" TRADE SIZE DIAMETER AND ENTERING A PANEL FROM ABOVE.</p> <p>38. CONNECTIONS TO VIBRATING EQUIPMENT (MOTOR, TRANSFORMER ENCLOSURE, ETC.) AND SEISMIC SEPARATIONS SHALL BE PROVIDED WITH LIQUID-TIGHT FLEXIBLE STEEL CONDUIT WITH WATERTIGHT CONNECTORS. MAXIMUM LENGTH OF CONDUIT SHALL BE SIX FEET, UNLESS OTHERWISE NOTED.</p> <p>39. POLYVINYL CHLORIDE (PVC) SCHEDULE 40 MAY BE INSTALLED BENEATH SLAB AND UNDERGROUND INSTALLATION. INSTALL PVC COATED RIGID STEEL CONDUIT FOR TRANSITION FROM UNDERGROUND TO ABOVE GRADE INSTALLATION.</p> <p>40. CONTRACTOR SHALL PROVIDE TERMINATIONS FOR ALL DATA/VOICE CABLES INDICATED AT OUTLET LOCATIONS INDICATED ON DRAWINGS.</p> <p>41. CONTRACTOR SHALL PROVIDE AND INSTALL ACCESS PANELS IN NON-ACCESSIBLE CEILINGS WHERE REQUIRED TO ACCESS ELECTRICAL EQUIPMENT IN CEILING SPACE. ACCESS DOORS SHALL HAVE FIN RATING EQUAL TO THE CEILING ASSEMBLY IN WHICH THEY ARE INSTALLED.</p> <p>42. ALL FIRE LIFE SAFETY EQUIPMENT, SUCH AS FIRE ALARM CONTROL PANEL AND REMOTE POWER SUPPLIES SHALL BE PROVIDED WITH DEDICATED CIRCUITS. IDENTIFY CIRCUIT DESIGNATION AND PROVIDE PERMANENT LABELING. "FIRE ALARM CIRCUIT" ON ELECTRICAL PANEL. PROVIDE LOCKABLE CIRCUIT BREAKER.</p> <p>43. CONTROL CONDUIT FOR ENERGY/BUILDING MANAGEMENT SYSTEM (E/BMS) SHALL BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.</p> <p>44. ROUTE CONDUIT PARALLEL AND PERPENDICULAR TO WALLS AND ADJACENT PIPING. ARRANGE CONDUIT TO MAINTAIN HEADROOM AND TO PRESENT A NEAT APPEARANCE.</p> <p>45. WHEN A DISCREPANCY IN QUANTITY OR SIZE OF CONDUIT, WIRE, EQUIPMENT, CIRCUIT BREAKERS, ETC. EXISTS ON DRAWINGS OR SPECIFICATIONS, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL REQUIRED BY THE MOST STRINGENT CONDITIONS NOTED. THE DRAWINGS OR IN THE SPECIFICATIONS TO PROVIDE A COMPLETE AND OPERABLE SYSTEM, OR, DIRECTED BY ENGINEER.</p> <p>46. FOR SMALL AC MOTORS NOT HAVING BUILT-IN THERMAL OVERLOAD PROTECTION, PROVIDE MAIN MOTOR STARTERS WITH OVERLOAD HEATER ELEMENTS SIZED PER MANUFACTURER'S RECOMMENDATION. FOR SMALL AC MOTORS WITH BUILT-IN THERMAL OVERLOAD PROTECTION, PROVIDE A HORSEPOWER RATED TOGGLE DISCONNECT SWITCH.</p> <p>47. DISCONNECT SWITCHES SHALL BE HEAVY DUTY AND BE RATED FOR THE NUMBER OF POLE/VOLTAGE, CURRENT AND HORSEPOWER RATINGS AS REQUIRED. PROVIDE FUSE PROTECTION BASED ON THE MOTOR NAMEPLATE RATINGS.</p> <p>48. PROVIDE PERMANENT IDENTIFICATION (NAMEPLATES) FOR ALL ELECTRICAL PANELS, SWITCHBOARDS, MOTOR CONTROL CENTERS, DISCONNECT SWITCHES, TRANSFORMERS, TERMINAL CABINETS, ETC.</p> <p>49. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY TYPE OF CEILING SYSTEMS AND TO FURNISH APPROVED LIGHTING FIXTURES OF THE TYPE REQUIRED FOR MOUNTING IN SUBJECT CEILING. PROVIDED ALL NECESSARY MOUNTING KIT/HARDWARE TO PROVIDE A COMPLETE WORKING LIGHTING SYSTEM.</p> <p>50. ALL FINAL ELECTRICAL CONNECTIONS TO OWNER FURNISHED EQUIPMENT SHALL BE MADE BY THE ELECTRICAL CONTRACTOR.</p> <p>51. ALL SPLICES AND TERMINALS SHALL BE COMPRESSION TYPE, OF SEAMLESS PURE COPPER, TIN PLATED, LONG BARREL, INSPECTION WINDOW, TERMINALS WITH TWO-HOLE PAD (WITH NEMA DRILLING HOLE), APPROVED CONNECTORS BETWEEN CONDUIT AND LUGS AND BEARINGS, AND LONG BARREL INSTANT COMPRESSION CONNECTORS WITH A FULLY CIRCUMFERENTIAL COMPRESSION DIE BURNUD HYDRESS OR EQUAL.</p> <p>52. LABEL ALL CONDUIT WHERE IT BEGINS, AND WHERE IT TERMINATES INTO A BOX, PANEL, DEVICE, LOAD, OR DISCONNECT. CONDUIT SHALL BE LABELED EVERY 30 FEET OR LESS. CONDUIT SHALL BE LABELED WHERE IT PENETRATES ANY WALL OR FLOOR. LABEL SHALL BE PERMANENT PRINTED LABLE (DESCRIBING SOURCE, CIRCUIT, AND LOAD) LEGIBLE FROM FLOOR WHERE POSSIBLE (STANDING POSITION).</p> <p>53. CONTRACTOR'S FAILURE TO ORDER OR RELEASE ORDER FOR MATERIALS AND/OR EQUIPMENT WILL NOT BE ACCEPTED AS A REASON TO SUBSTITUTE ALTERNATE MATERIALS, EQUIPMENT OR INSTALLATION METHODS.</p> <p>54. PROVIDE ARC-FLASH HAZARD WARNING LABELS ON ALL Affected ELECTRICAL EQUIPMENT, INCLUDING SWITCHBOARDS, PANEL BOARDS, INDUSTRIAL CONTROL PANELS, METER SOCKET ENCLOSURES, AND MOTOR CONTROL CENTERS. MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS. LABEL SHALL BE FACTORY PRE-PRINTED OR MACHINE-PRINTED SELF-ADHESIVE VINYL MATERIAL; UV, CHEMICAL, WATER, HEAT AND ABRASION RESISTANT; PRODUCED USING MATERIAL RECOGNIZED BY UL. MINIMUM SIZE: 3.5 BY 5 INCHES.</p> <p>55. UNLESS OTHERWISE NOTED, ARRANGE, PAY FOR, COORDINATE AND PROVIDE ALL PERMITS NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM.</p> <p>56. ALL WORK &lt;N&gt; UNLESS OTHERWISE NOTED.</p> <p>57. ELECTRICAL CONDUCTORS SERVING EQUIPMENT SUPPLIED BY POWER CONVERSION EQUIPMENT AS PART OF A VARIABLE FREQUENCY DRIVE (VFD) SYSTEM AND/OR A SERVO DRIVE SYSTEM SHALL HAVE THERMOSET INSULATION TYPE XHHW, OR XHHW-2.</p>				<p>A AMPERE AC ALTERNATING CURRENT AF AMPERES FUSE/AMPERES FRAME AFF ABOVE FINISHED FLOOR ALT ALTERNATE AS AMPERE SWITCH AT AMPERES TRAC ATS AUTOMATIC TRANSFER SWITCH APPROX APPROXIMATE ARCH ARCHITECT/ARCHITECTURAL ASSEMBLY ASSEMBLY AUTO AUTOMATIC AWG AMERICAN WIRING GAGE BLDG BUILDING BREAKER BREAKER CONDUIT CONDUIT CAB CABINET CLG CEILING CKT CIRCUIT C.O. CIRCUIT ONLY C.P. CONTROL PANEL CRAC COMPUTER ROOM AIR CONDITIONER CU COPPER DC DIRECT CURRENT DEG F DEGREE FAHRENHEIT DEMO DEMOLITION DEPT DEPARTMENT DET DETAIL DIMENSION DIMENSION DOC DOCUMENT DS DISCONNECT SWITCH &lt;E&gt; EXISTING EA EACH EF EXHAUST FAN ELEC ELECTRICAL ELEV ELEVATION EM EMERGENCY EQ EQUAL EQUIP EQUIPMENT EXP EXPOSED &lt;F&gt; FUTURE FAP FIRE ALARM annunciATOR panel FACP FIRE ALARM control panel FE FIRE EXTINGUISHER FSD FIRE SMOKE DAMPER FT FOOT OR FEET G GROUND GA GAUGE GFI GROUND FAULT INTERRUPTER GND GROUND HP HORSEPOWER HSP HOUSE SERVICE PANEL HZ HERTZ INSUL INSULATION JBOX JUNCTION BOX KV KILOVOLT KVA KILOVAT AMPERE KWH KILOWATT LF LINEAR FOOT LT LIGHT LTS LIGHTS LV LOW VOLTAGE MAX MAXIMUM MCB MAIN CIRCUIT BREAKER MCC MOTOR CONTROL CENTER MECH MECHANICAL</p> <p>MINIMUM MAIN SWITCHBOARD MTD MOUNTED &lt;N&gt; NEW N/A NOT APPLICABLE NBS NATIONAL BUILDING CODE NEC NATIONAL ELECTRICAL CODE NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION</p> <p>NOT TO SCALE ON CENTER D.O. D.O. OS OCCUPANCY SENSOR P POLE PULL BOX POWER DISTRIBUTION UNIT PH PHASE PNL PANEL &lt;R&gt; REMOVE REQ REQUIRE REV REVISION RM ROOM SAD SEE ARCHITECTURAL DRAWINGS SCHED SCHEDULE SCHM SCHMATIC SECT SECTION SF SQUARE FOOT/FEET SHT SHEET SIMILAR SPECIFICATION SQ SQUARE ST SHUNT TRIP STOR STORAGE STRUCT STRUCTURAL SWITCH SWITCH SWED SWITCHBOARD SWGR SWITCHGEAR SYM SYMBOL SYN SYSTEM TOP TOP TOP TOP TEMPERATURE CONTROL PANEL TOP TOP TEMPERATURE SURGE PROTECTION TEL TELEPHONE/TELECOM THRU THROUGH TYP TYPICAL VARIABLE AIR VOLUME VARIABLE FREQUENCY DRIVE VF VF VOLUME WATT W/W WITH W/L WET LOCATION WP WEATHERPROOF WT WEIGHT XFMR TRANSFORMER</p>																					
<p><b>CONSTRUCTION PHOTOGRAPHIC RECORDS</b></p> <p>THE CONTRACTOR SHALL PROVIDE PRECONSTRUCTION DIGITAL PHOTOGRAPHS AND VIDEO RECORDINGS PRIOR TO COMMENCEMENT OF WORK ON THE SITE. BEFORE CONSTRUCTION MAY START, CONTRACTOR SHALL DOCUMENT ANY EXISTING CONDITIONS THAT ARE NOT COVERED BY THE CONTRACT DOCUMENTS (DAMAGED CONCRETE, WALLS, LANDSCAPE, ETC.). FAILURE TO DOCUMENT EXISTING DAMAGE WILL RESULT IN CONTRACTOR REPAIRS TO SURFACE TO MATCH ADJACENT AFTER CONSTRUCTION ACTIVITIES. ADDITIONAL PRECONSTRUCTION PHOTOGRAPHS/VIDEOS SHALL BE TAKEN AT LOCATIONS TO BE DESIGNATED BY THE OWNER'S REPRESENTATIVE.</p> <p>CONTRACTOR SHALL MAKE A VIDEO RECORDING OF ALL PROPOSED ROUTINGS FOR INFRASTRUCTURE WORK. NOTIFY CONDITIONS OF EXISTING SURFACES AND ADJACENT IMPROVEMENTS. ONE COPY OF COMPLETE VIDEO SHALL BE TRANSMITTED TO THE OWNER'S REPRESENTATIVE.</p> <p><b>CONSTRUCTION PHOTOGRAPHS</b></p> <p>THE CONTRACTOR SHALL PROVIDE CONSTRUCTION PHOTOGRAPHS SHOWING THE PROGRESS OF THE WORK AND AS MAY BE DIRECTED BY THE OWNER'S REPRESENTATIVE. PHOTOGRAPHS/VIDEOS SHALL BE FORMATTED, IDENTIFIED, AND DELIVERED AS DESCRIBED ABOVE FOR DIGITAL PHOTOS AND VIDEOS. STARTING ONE MONTH AFTER THE DATE OF THE PRECONSTRUCTION PHOTOGRAPHS AND CONTINUING AS LONG AS THE WORK IS IN PROGRESS, APPROXIMATELY 40 MONTHLY PHOTOGRAPHS SHALL BE TAKEN, CATALOGED AND CROSS REFERENCED TO DRAWINGS/PLANS.</p> <p>ANY WORK TO BE CONCEALED (BURIED, BEHIND WALLS, ABOVE CEILING, BELOW SLAB, ETC.) SHALL BE PHOTO DOCUMENTED AFTER ANY TESTING AND INSPECTION AND PRIOR TO CONCEALING TO CLEARLY INDICATE THE WORK. DOCUMENT ON PLANS THE LOCATION AND ORIENTATION FOR EACH PHOTO DOCUMENTING CONCEALED WORK.</p> <p>FOR FINAL COMPLETION, DOCUMENT ALL PUNCH LIST ITEM COMPLETION BY PHOTOGRAPH OR VIDEO.</p> <p>DELIVER CONSTRUCTION PHOTOGRAPHS AND VIDEOS WITHIN 10 DAYS OF CREATION. ALL PHOTOS AND VIDEOS SHALL BE OF SUFFICIENT QUALITY TO CLEARLY DEPICT WORK.</p>		<p><b>ELECTRICAL SERVICE SHUTDOWN NOTES</b></p> <p>1. INTERRUPTION OF THE ELECTRICAL SERVICE WILL AFFECT BUILDINGS OTHER THAN THE BUILDING BEING DEMOLISHED. CONTRACTOR SHALL COORDINATE SHUTDOWN AND RECONNECTION WITH THE DISTRICT. NOTIFY DISTRICT AT LEAST 30 DAYS IN ADVANCE OF ANY POWER SHUT DOWN OR SERVICE OUTAGE.</p> <p>2. PHASE ROTATION MAY BE REVERSED AT SOME LOCATIONS. VERIFY PHASE ROTATION AT POINT OF CONNECTION PRIOR TO SHUT DOWN OF NORMAL ELECTRICAL POWER IN ALL BUILDINGS IN THE SCOPE OF WORK.</p> <p>3. COORDINATE WITH CAMPUS STAFF TO TURN OFF NON-CRITICAL LOADS THAT MAY BE POWERED BY TEMPORARY GENERATORS.</p> <p>4. CONTRACTOR IS RESPONSIBLE TO IMPLEMENT ALL CAMPUS SAFETY STANDARDS APPLICABLE TO THIS PROJECT.</p> <p>5. PRIOR TO DISCONNECTION OF ELECTRICAL EQUIPMENT/CABLES, CONTRACTOR SHALL VERIFY OR TEST EQUIPMENT FOR FUNCTIONALITY. NOTIFY ENGINEER OF ABNORMALITIES.</p> <p>6. ALL TERMINATION SHALL BE TIGHTENED AND TORQUED PER MANUFACTURER RECOMMENDATIONS.</p> <p>7. TWO DAYS BEFORE THE SCHEDULED OUTAGE:</p> <ul style="list-style-type: none"> <li>a. LOCK-OUT/TAG-OUT DEVICES SHALL BE ON-HAND AND LOCATIONS IDENTIFIED (RETURN TO SERVICE &amp; COORDINATE WITH COLLEGE TO RE-START SYSTEMS AFTER OUTAGE).</li> </ul> <p>9. PRIOR TO SHUTDOWN AND RE-ENERGIZING POWER, CONTRACTOR TO PERFORM PHASE SEQUENCE ROTATION TEST TO FEEDERS AND ALL UNIT LOAD CENTERS AFFECTED BY SHUT DOWN. SUBMIT RESULTS TO ENGINEER AND DISTRICT.</p>		<p><b>SUMMARY OF WORK</b></p> <ol style="list-style-type: none"> <li>DEMOLISH ALL EXISTING LIGHTING, LIGHTING CONTROL, ELECTRICAL DEVICE, DATA DEVICE, EQUIPMENT AND PANELBOARDS.</li> <li>DEMOLISH POWER FEEDS TO BUILDINGS.</li> <li>DISCONNECT AND PULL BACK LOW VOLTAGE SYSTEMS GOING TO BUILDINGS. ENSURE REMAINING SYSTEMS ON CAMPUS ARE NOT Affected.</li> </ol>		<p><b>ELECTRICAL DRAWING INDEX</b></p> <table border="1"> <thead> <tr> <th>SHT. NO.</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>E0.00</td> <td>ELECTRICAL GENERAL NOTES, SYMBOLS &amp; ABBREVIATIONS</td> </tr> <tr> <td>ED1.00</td> <td>ELECTRICAL SITE PLAN - DEMO</td> </tr> <tr> <td>ED1.01</td> <td>ELECTRICAL PARTIAL SITE PLAN - DEMO</td> </tr> <tr> <td>E1.01</td> <td>ELECTRICAL PARTIAL SITE PLAN - NEW</td> </tr> <tr> <td>ED4.01</td> <td>ELECTRICAL FLOOR PLAN - DEMO</td> </tr> <tr> <td>ED4.02</td> <td>ELECTRICAL FLOOR PLAN - DEMO</td> </tr> <tr> <td>E5.01</td> <td>ELECTRICAL DETAILS</td> </tr> <tr> <td>ED7.01</td> <td>ELECTRICAL SINGLE LINE DIAGRAM - DEMO</td> </tr> <tr> <td>ED7.02</td> <td>ELECTRICAL FIBER OPTIC CABLE RISER DIAGRAM - DEMO</td> </tr> </tbody> </table> <p><b>ELECTRICAL GENERAL NOTES, SYMBOLS &amp; ABBREVIATIONS</b></p>		SHT. NO.	DESCRIPTION	E0.00	ELECTRICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS	ED1.00	ELECTRICAL SITE PLAN - DEMO	ED1.01	ELECTRICAL PARTIAL SITE PLAN - DEMO	E1.01	ELECTRICAL PARTIAL SITE PLAN - NEW	ED4.01	ELECTRICAL FLOOR PLAN - DEMO	ED4.02	ELECTRICAL FLOOR PLAN - DEMO	E5.01	ELECTRICAL DETAILS	ED7.01	ELECTRICAL SINGLE LINE DIAGRAM - DEMO	ED7.02	ELECTRICAL FIBER OPTIC CABLE RISER DIAGRAM - DEMO
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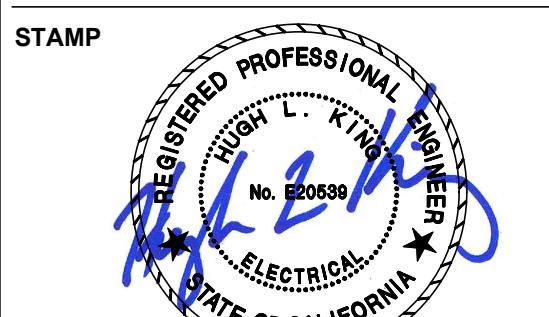
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architects

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333 W. Santa Clara Street, Suite 900  
San Jose, CA 95113  
tel: (408) 300-5160  
fax: (408) 300-5121

**PROJECT**  
**CHABOT COLLEGE**  
**BUILDING 2400 & 3800**  
**DEMOLITION AND SITEWORK**

**CHABOT LAS POSITAS**  
**COMMUNITY COLLEGE**  
**DISTRICT**

**CONSULTANT**



**STATE**  
DSA FILE NUMBER 1-C2  
APPL # 01-122568

**REVIZIONS**

No.	Description	Date
△		

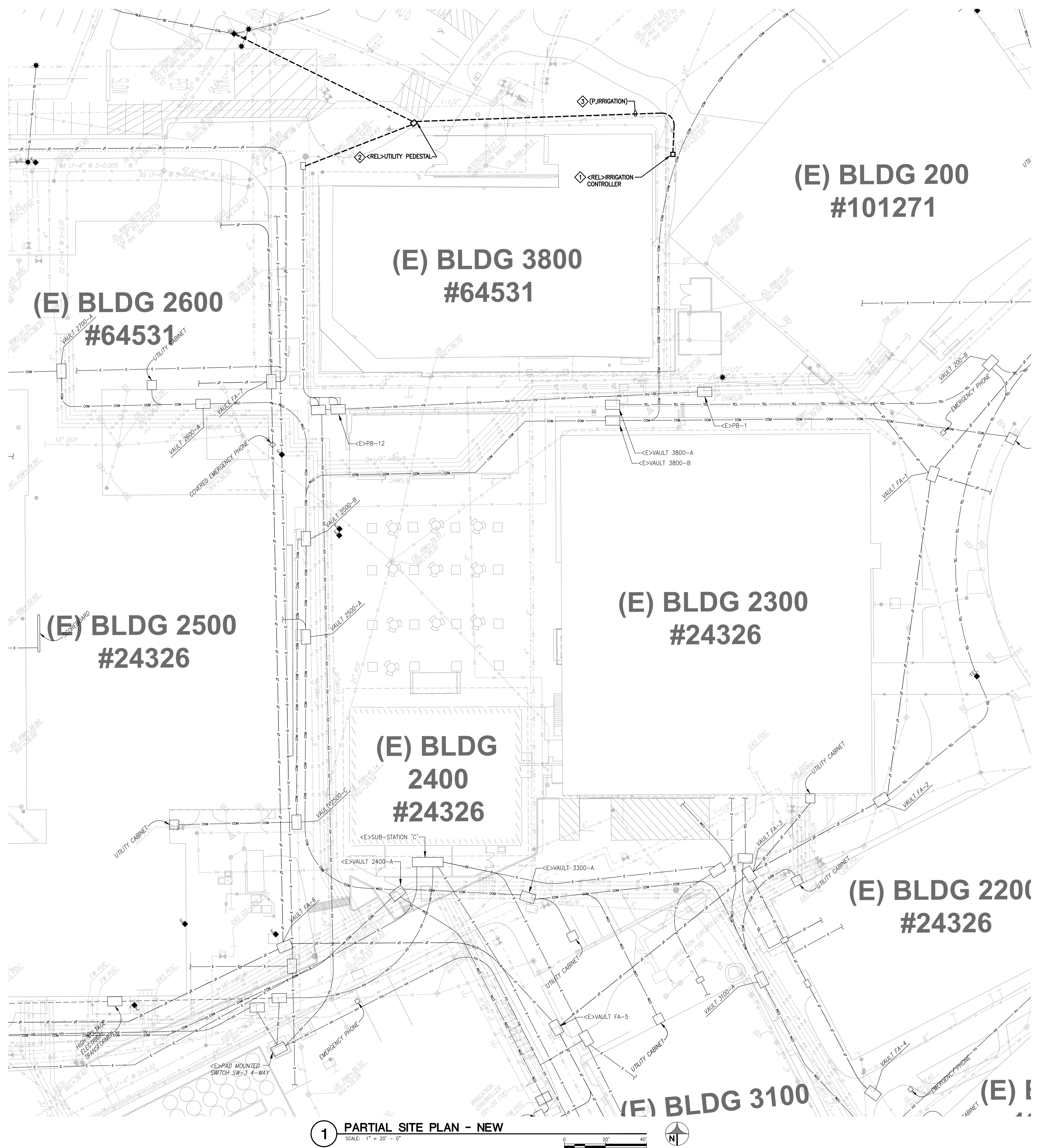
**MILESTONES**

DD	06.11.2025
90% CD	08.11.2025
DSA SUB	08.14.2025
DSA OTC	08.21.2025
DSA BACKCHECK	08.27.2025

**SHEET**  
**ELECTRICAL**  
**PARTIAL SITE PLAN - DEMO**

**DATE** 08.14.2025  
**JOB #** 2025029  
**SHEET #** ED1.01

8/12/2025 10:23:37 AM



#### GENERAL SHEET NOTES

- CONTRACTOR RESPONSIBLE FOR MAINTAINING CONNECTIVITY TO ALL EXISTING SYSTEM AFFECTED BY NEW WORK, INCLUDING INTERCEPTING AND EXTENDING EXISTING CIRCUITS AS NEEDED. CONTRACTOR RESPONSIBLE FOR TERMINATIONS AND RETESTING OF SYSTEMS.
- REFER TO SINGLE LINE DIAGRAM FOR CONDUIT AND WIRE SIZES.
- DEVICE LOCATION SHOW IS DIAGRAMMATIC, FIELD VERIFY EXACT LOCATION AND COUNT, ADJUST LOCATION +/- 10' AT NO ADDITIONAL COST.
- FIRE SEAL ALL RATED PENETRATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY SURFACE DISTURBED BY CONSTRUCTION TO THE CONDITION AND FINISH OF THE ADJACENT SURFACES.
- PROVIDE FENCING AND WAY FINDING SIGNAGE AS REQUIRED.
- ROUTE 3/4" C.-(2) #10 + #10 GND. MINIMUM FOR EACH POWER CIRCUIT, U.O.N.
- CONTRACTOR TO LABEL ALL NEW WIRING & EQUIPMENT WITH CIRCUIT TAGS FROM ELECT PANEL.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-122568 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 8/28/2025

**aedis**  
architects

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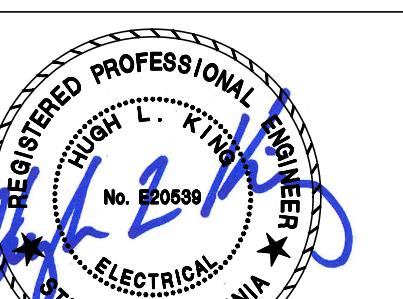
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#### REFERENCE SHEET NOTES

- RE-INSTALL EXISTING IRRIGATION CONTROLLER TO BE RELOCATED ON A STANDALONE PEDESTAL MOUNT ENCLOSURE ASSEMBLY. CONTRACTOR RE-CONNECT 120V POWER FROM UTILITY PEDESTAL, PROVIDE MINI-POWER CENTER WITH STEP-DOWN TRANSFORMER. COORDINATE WITH DISTRICT FOR EXACT LOCATION OF ROUGH IN. REFER TO CIVIL DETAIL DRAWING SHEET.
- RE-INSTALL EXISTING UTILITY PEDESTAL TO NEW LOCATION. INTERCEPT AND EXTEND CONDUIT AND WIRES. MATCH EXISTING COORDINATE WITH DISTRICT FOR EXACT LOCATION OF ROUGH IN. REFER DETAIL SHEET 4/E5.01.
- ROUTE 1" C.-(2) #10 + (1) #10 GND.



**STATE**  
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△

**MILESTONES**  
DD 06.11.2025  
90% CD 08.11.2025  
DSA SUB 08.14.2025  
DSA OTC 08.21.2025  
DSA BACKCHECK 08.27.2025

**SHEET**  
**ELECTRICAL  
PARTIAL SITE PLAN -  
NEW**

**DATE** 08.14.2025  
**JOB #** 2025029  
**SHEET #** E1.01



## GENERAL SHEET NOTES

THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS. SEE ARCHITECTURAL PLANS, WHERE PROVIDED ON PROJECT, FOR EXTENT OF DEMOLITION.

THE EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORD DRAWINGS AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT SITE PRIOR TO SUBMITTING BID. ALL DEMOLITION, ALTERATION, EXTENSION, RELOCATION, REHABILITATION WORK SHALL BE INCLUDED IN CONTRACT. NO ADDITIONAL ALLOWANCE OR CHANGE ORDERS WILL BE ACCEPTED.

CONTRACTOR IS RESPONSIBLE TO RELOCATE OR REMOVE FROM WALLS, CEILINGS, FLOOR SPACES, ETC. ANY EXISTING CONDUITS, WIRES, BOXES, FITTINGS, FIXTURES OR OTHER ELECTRICAL EQUIPMENT WHICH INTERFERES WITH PLANNED REMODEL WORK. PROVIDE CIRCUIT CONTINUATION REQUIRED FOR ALL EXISTING OUTLETS, FIXTURES, EQUIPMENT, ETC. SCHEDULED TO REMAIN.

NOTIFY THE ENGINEER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, OR NOT INDICATED ON "AS-BUILT" DRAWINGS OR WAS BURIED UNDERGROUND OR EMBEDDED IN STRUCTURE WALLS.

CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE SMALLER AREA IF POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.

EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.

DEMOLITION WORK SHALL BE DONE IN A MANNER WHICH WILL NOT CAUSE UNNECESSARY INCONVENIENCE OR DANGER TO USERS OF THE PREMISES AND ADJACENT SITE, AND NOT INTERFERE WITH ITS OPERATION. ANY DEMOLITION WORK TO BE PERFORMED MUST BE PLANNED IN ADVANCE.

CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT/WIRING RUNS, REUSE AS REQUIRE AND REMOVED ALL UNUSED CONDUIT /WIRING. UNUSED CONDUIT IN INACCESSIBLE LOCATIONS CAN BE ABANDONED IN PLACE. REMOVE UNUSED WIRING.

REFER TO ARCHITECTURAL DEMOLITION DRAWING FOR DEMOLITION AREAS. THE SCOPE OF THE DEMOLITION SHALL INCLUDE ALL LABOR, EXISTING ELECTRICAL EQUIPMENT. VERIFY EXACT SCOPE PRIOR TO COMMENCING WORK. REFER TO DEMO PLAN FOR SPECIFIC AREAS NOT IN SCOPE OF WORK.

WHERE FIXTURES, EQUIPMENT, DEVICES, ETC. ARE SPECIFIED BY THE CONTRACT DOCUMENTS FOR REMOVAL, THE CONTRACTOR SHALL REMOVE ALL CIRCUIT CONDUCTORS/CABLING BACK TO THE NEAREST REMAINING JUNCTION BOX AND/OR POINT OF TERMINATION.

HABOT LAS POSITAS  
COMMUNITY COLLEGE  
DISTRICT

---

# CHABOT COLLEGE BUILDING 2400 & 3800 DEMOLITION AND

www.aedisarchitects.com  
333 W. Santa Clara Street, Suite 900  
San Jose, CA 95113  
tel: (408) 300-5160  
fax: (408) 300-5121

## REFERENCE SHEET NOTES

DEMOLISH ALL EXISTING LIGHTING, LIGHTING CONTROL, DATA DEVICE, SECURITY DEVICE, FIRE ALARM DEVICE, ELECTRICAL DEVICES, JUNCTION BOX AND EQUIPMENT. ENSURE EQUIPMENT IS DEENERGIZED BEFORE DEMOLITION AND REMOVE WIRES BACK TO SOURCE OF EQUIPMENT AND DEVICES. U.O.N.

STATE  
SA FILE NUMBER 1-C

PPL# 01-12256

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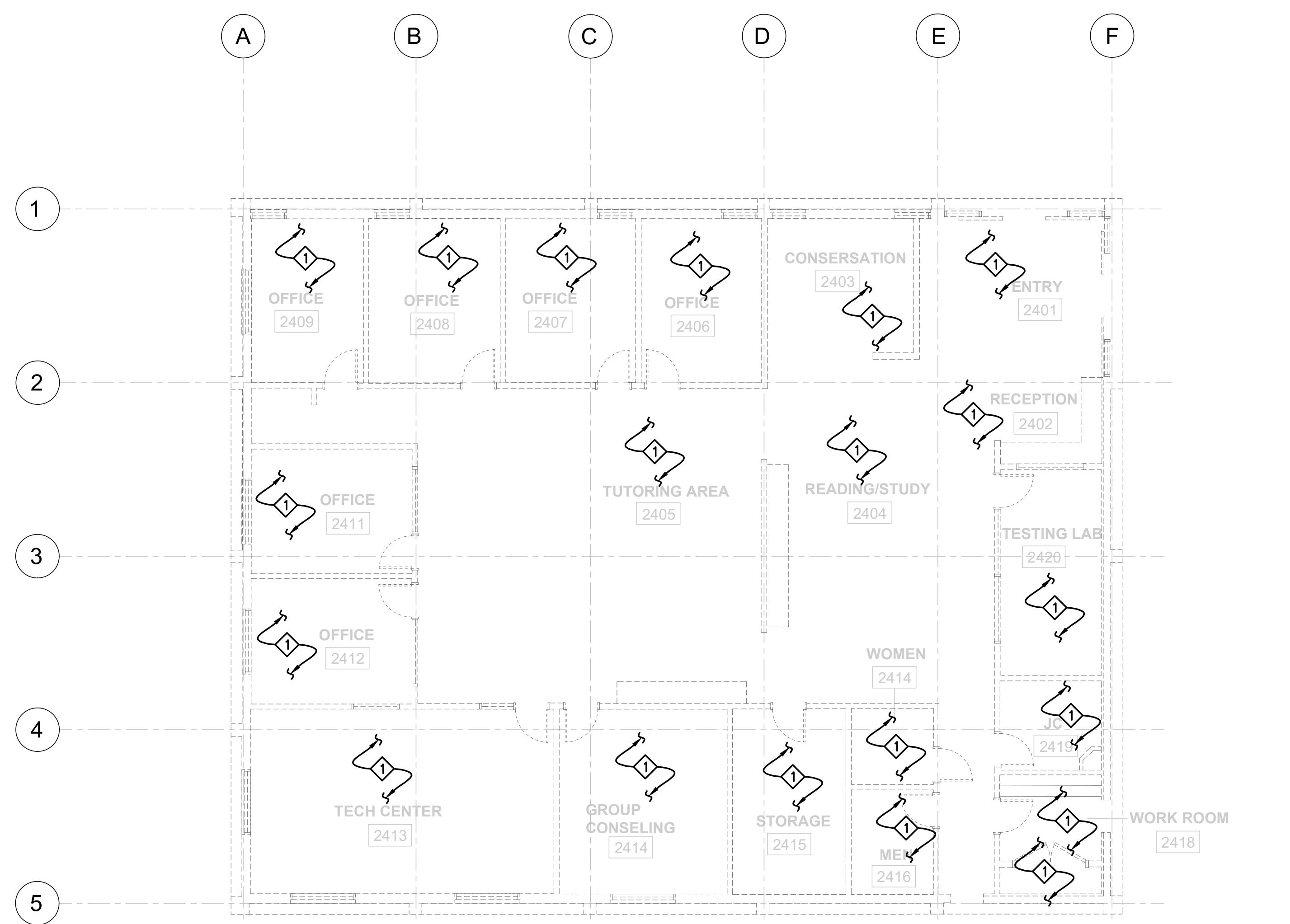
No.	Description	Date

LESTONES	
D	06.11.202
0% CD	08.11.202
SA SUB	08.14.202
SA OTC	08.21.202
SA BACKCHECK	08.27.202

**HEET**  
**ELECTRICAL**  
**FLOOR PLAN - DEMO**

ATE 08.14.2025  
JOB # 2025029  
SHEET #

## ED4.01



1 B2400 FLOOR PLAN - DEMO

SCALE: 1/8" = 1' - 0"

0 8' 16'



### GENERAL SHEET NOTES

A. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS. SEE ARCHITECTURAL PLANS, WHERE PROVIDED ON PROJECT, FOR EXTENT OF DEMOLITION.

B. THE EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORD DRAWINGS AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT SITE PRIOR TO SUBMITTING BID. ALL DEMOLITION, ALTERATION, EXTENSION, RELOCATION, REHABILITATION WORK SHALL BE INCLUDED IN CONTRACT. NO ADDITIONAL ALLOWANCE OR CHANGE ORDERS WILL BE ACCEPTED.

C. CONTRACTOR IS RESPONSIBLE TO RELOCATE OR REMOVE FROM WALLS, CEILINGS, FLOOR SPACES, ETC. ANY EXISTING CONDUITS, WIRES, BOXES, FITTINGS, FIXTURES OR OTHER ELECTRICAL EQUIPMENT WHICH INTERFERES WITH PLANNED REMODEL WORK. PROVIDE CIRCUIT CONTINUATION REQUIRED FOR ALL EXISTING OUTLETS, FIXTURES, EQUIPMENT, ETC. SCHEDULED TO REMAIN.

D. NOTIFY THE ENGINEER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, OR NOT INDICATED IN "AS-BUILT" DRAWINGS OR WAS BURIED UNDERGROUND OR EMBEDDED IN STRUCTURE WALLS.

E. CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE SMALLER AREA IF POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.

F. EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.

G. DEMOLITION WORK SHALL BE DONE IN A MANNER WHICH WILL NOT CAUSE UNNECESSARY INCONVENIENCE OR DANGER TO USERS OF THE PREMISES AND ADJACENT SITE, AND NOT INTERFERE WITH ITS OPERATION. ANY DEMOLITION WORK TO BE PERFORMED MUST BE PLANNED IN ADVANCE.

H. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT/WIRING RUNS, REUSE AS REQUIRED AND REMOVED ALL UNUSED CONDUIT /WIRING. UNUSED CONDUIT IN INACCESSIBLE LOCATIONS CAN ABANDONED IN PLACE. REMOVE UNUSED WIRING.

I. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR DEMOLITION AREAS. THE SCOPE OF THE DEMOLITION SHALL INCLUDE ALL LABOR, EXISTING ELECTRICAL EQUIPMENT, VERIFY EXACT SCOPE PRIOR TO COMMENCING WORK. REFER TO DEMO PLAN FOR SPECIFIC AREAS NOT IN SCOPE OF WORK.

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### REFERENCE SHEET NOTES

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STATE  
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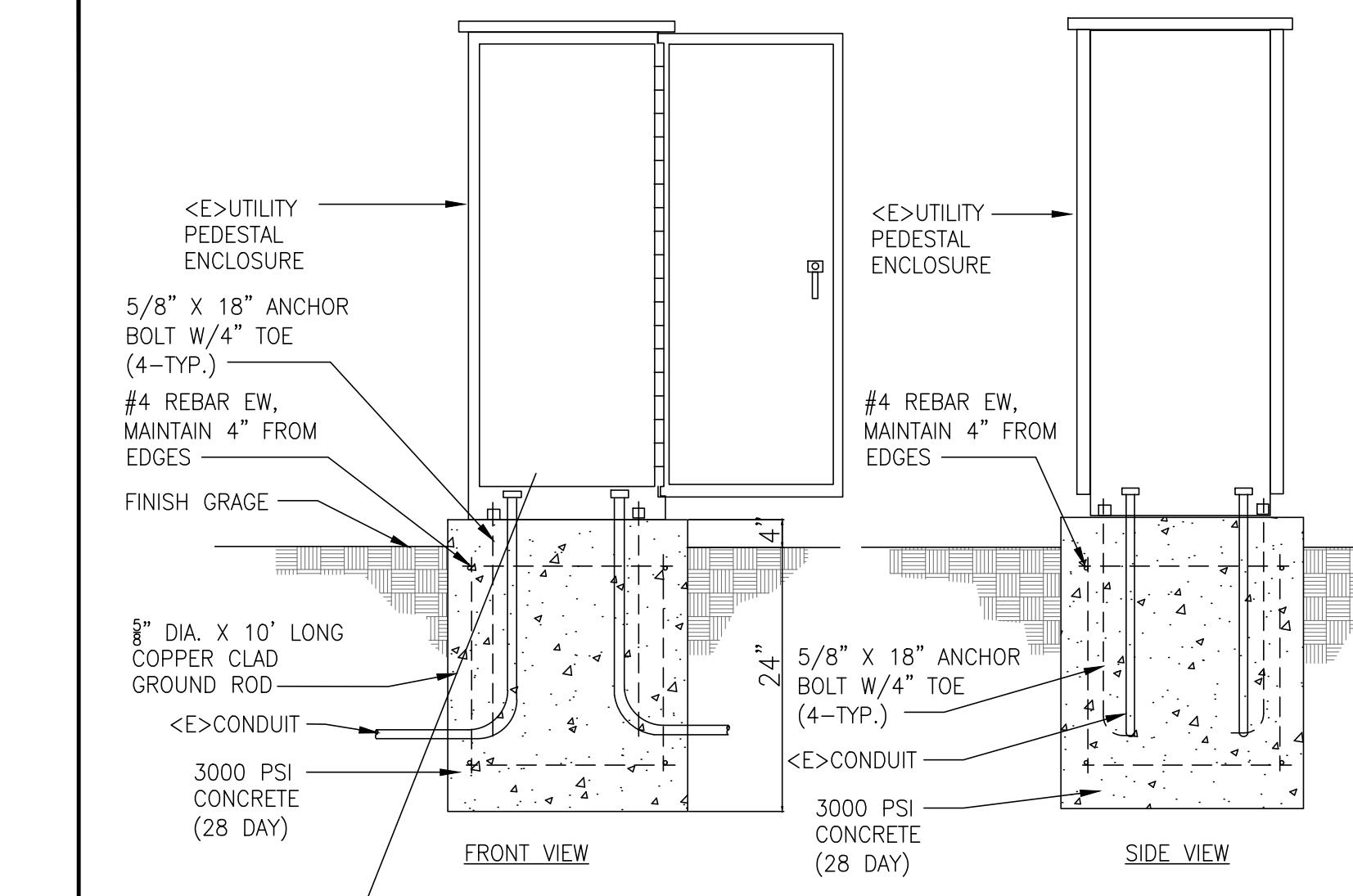
SHEET  
ELECTRICAL  
FLOOR PLAN - DEMO

DATE 08.14.2025

JOB # 2025029

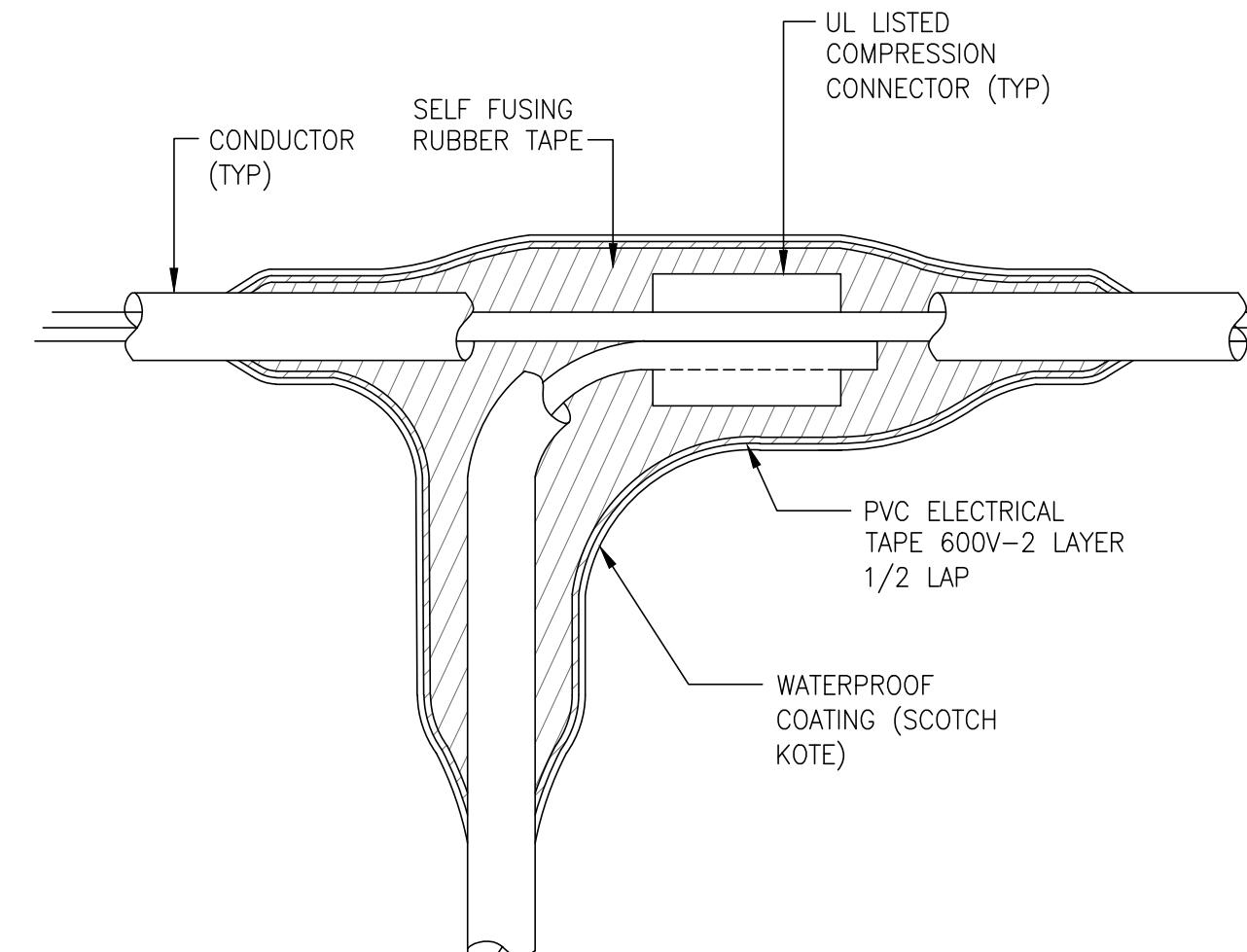
SHEET #

ED4.02



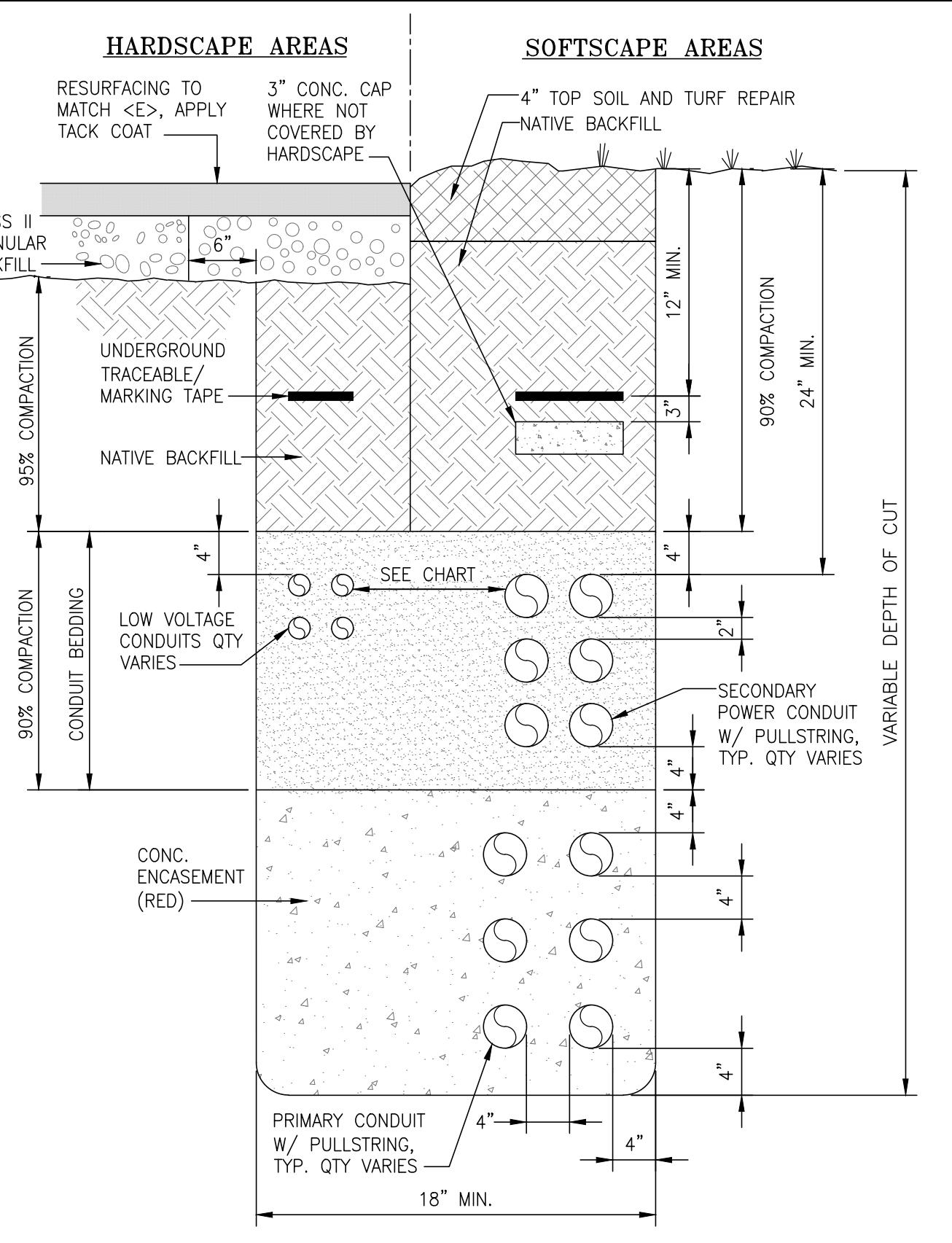
4 UTILITY PEDESTAL DETAIL

SCALE: N.T.S.



3 TYPICAL T-TAP SPICE

SCALE: N.T.S.

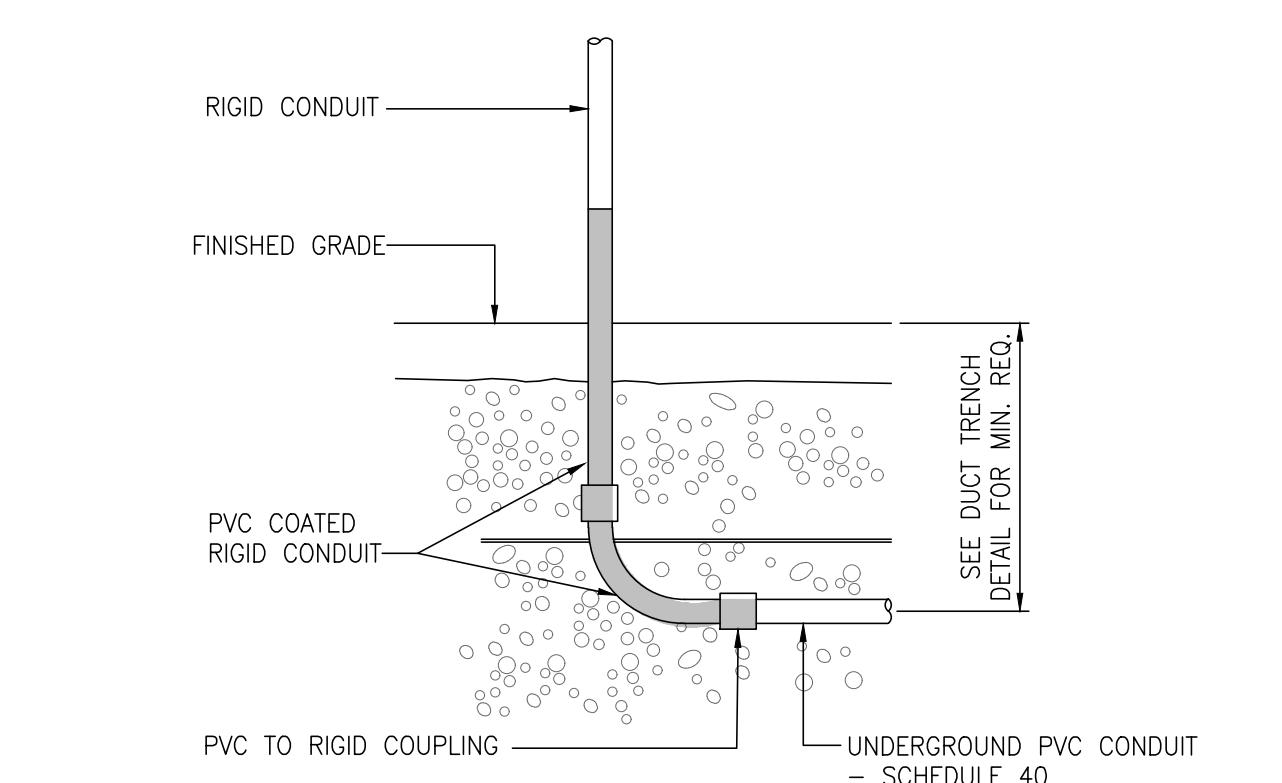


PC	SC	G	TEL	TV	LV	W
PRIMARY CONDUIT (601V-22KV) (PC)	6	36	36	36	36	36
SECONDARY POWER CONDUIT (0-600V) (SC)	6	12	12	12	12	36
GAS (G)	36	12	12	12	12	36
TELEPHONE (TEL)	36	12	12	2	2	36
CATV (TV)	36	12	12	2	2	36
OTHER LOW VOLTAGE (LV)	36	12	12	2	2	36
WET UTILITIES (W)	36	36	36	36	36	36

NOTES:  
1. UTILTY OWNED AND END-USER CONDUITS AND TRENCH SHALL NOT BE COMBINED.  
2. PROVIDE 12" SEPARATION WHEN CROSSING "WET" UTILITIES.  
3. SEE DETAIL 1/E-5.3 FOR SEPARATION FROM EXISTING BUILDING

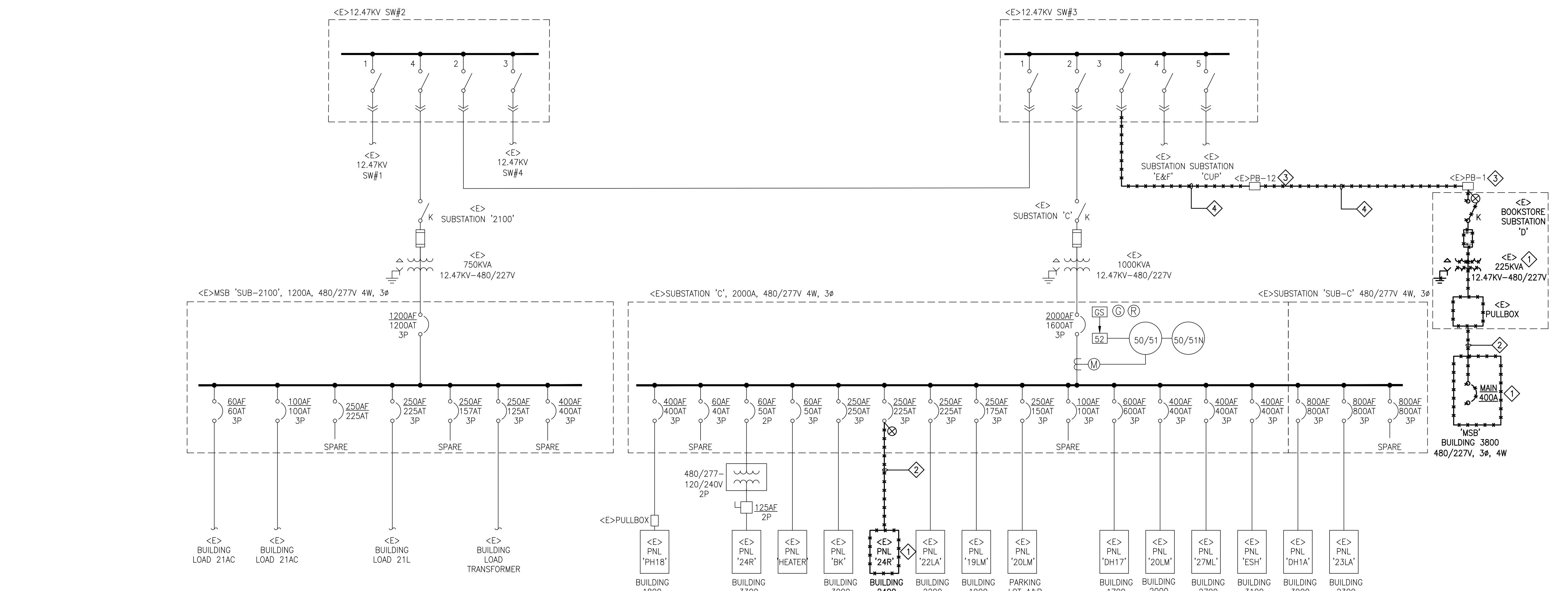
5 CONDUIT TRENCHING 0-600V & 601V-22KV

SCALE: N.T.S.



1 CONDUIT TRANSITION FOR PVC CONDUIT

SCALE: N.T.S.



1 SINGLE LINE DIAGRAM - DEMO

**SINGLE**

## GENERAL SHEET NOTES

- A. CONDUIT ROUTING AND EQUIPMENT PLACEMENT SHOWN IS DIAGRAMMATIC. VERIFY EQUIPMENT PLACEMENT AND CONDUIT ROUTING BASED ON APPROVED EQUIPMENT AND SITE CONDITIONS PRIOR TO COMMENCING WORK. MAKE NECESSARY ADJUSTMENTS TO LAYOUT.
- B. MAINTAIN FIRE RATING OF ALL PENETRATIONS USING UL LISTED FIRE RATED CAULKING AND ASSEMBLIES, WHEN TRANSITIONING BETWEEN WALLS, FLOORS AND FIRE RATED AREAS.
- C. ALL PENETRATIONS THROUGH CONCRETE STRUCTURES SHALL BE CORE DRILLED, SCAN PENETRATION LOCATIONS TO LOCATE EMBEDDED STRUCTURES PRIOR TO CORE DRILLING.
- D. MAINTAIN ALL CODE REQUIRED CLEARANCES AROUND EQUIPMENT.
- E. FINAL TERMINATIONS OF CONDUCTORS TO ELECTRICAL EQUIPMENT AND DEVICES SHALL BE TORQUE WRENCH TIGHTENED TO THE MANUFACTURER'S RECOMMENDED SPECIFICATION, NO EXCEPTION. PROVIDE NEUTRAL TEST AND PROOF OF TORQUE DURING FINAL INSPECTION FOR ALL UNITS.
- F. AS REQUIRED ALL OVERSIZED FEEDERS THAT WERE ADJUSTED IN SIZE TO COMPENSATE FOR VOLTAGE DROP SHALL BE PROVIDED WITH ADAPTER LUGS OR SPLICE BOX. ADAPTER LUGS SHALL BE PROVIDED IF SIZE IS AVAILABLE. OTHERWISE PROVIDE CABLE SPLICES IN THE SPLICE BOX TO REDUCE CABLES TO THE MAXIMUM SIZE THAT THE BREAKER LUGS CAN ACCOMMODATE.

# HABOT LAS POSITAS COMMUNITY COLLEGE DISTRICT

## CONSULTANT

STATE  
SA FILE NUMBER 1-C2  
PPL # 01-122568

## REVISIONS

An empty triangle outline with a black border, centered on the page.

## LESTONES

D	06.11.2025
0% CD	08.11.2025
SA SUB	08.14.2025
SA OTC	08.21.2025
SA BACKCHECK	08.27.2025

## FEET

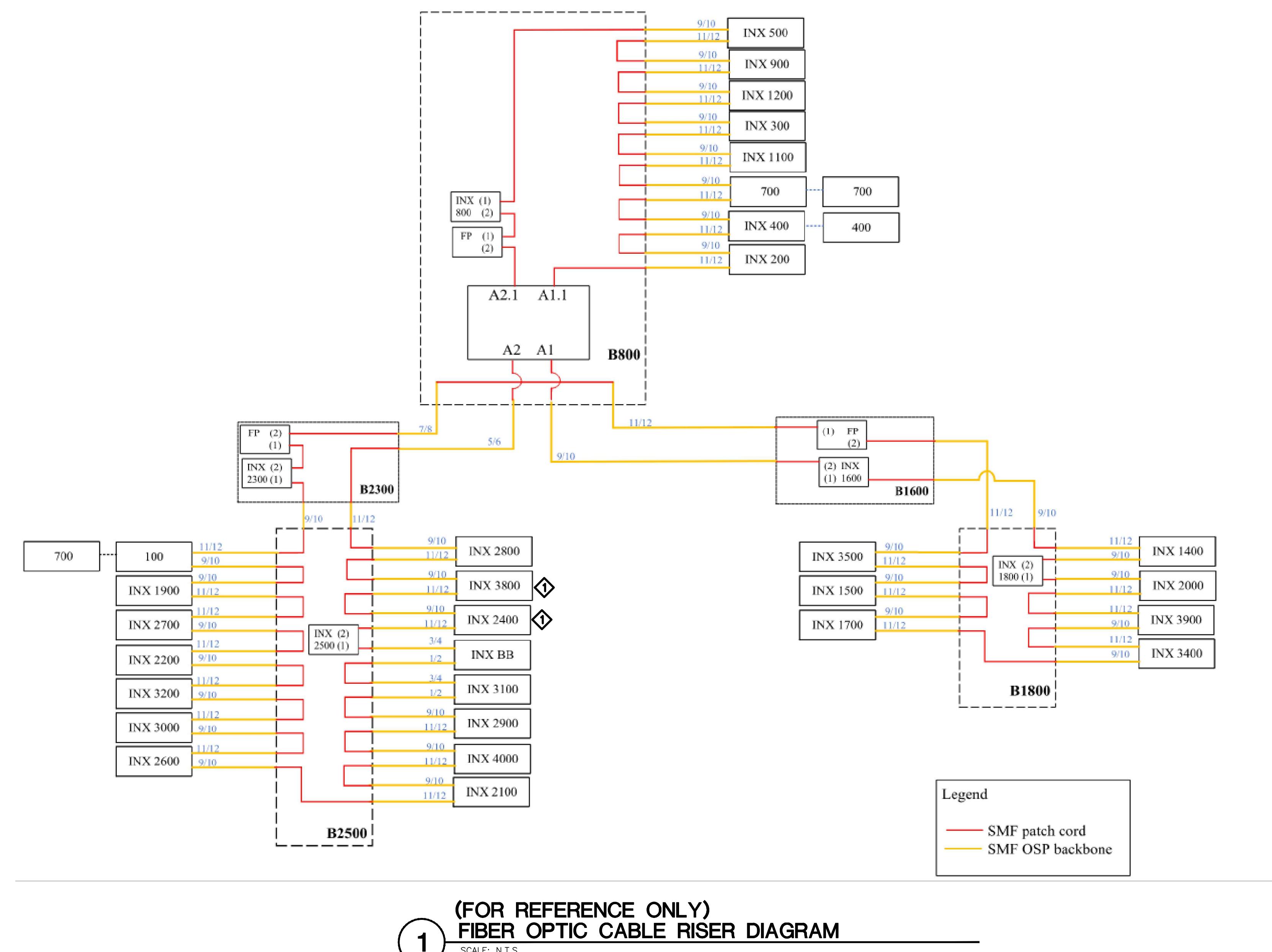
# ELECTRICAL SINGLE LINE DIAGRAM- DEMO

DATE 08.14.2005

08.14.2023

2

# FD7 01



# (FOR REFERENCE ONLY) FIBER OPTIC CABLE RISER DIAGRAM

# 1) FIBER OPTICS

# 1) FIBER OPTICS

## Legend

— SMF patch cord  
— SME OSP backbone

# aedis architects

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33 W. Santa Clara Street, Suite 900  
San Jose, CA 95113  
tel: (408)-300-5160  
fax: (408)-300-5121

# CHABOT COLLEGE BUILDING 2400 & 3800 DEMOLITION AND SITEWORK

# HABOT LAS POSITAS COMMUNITY COLLEGE DISTRICT

## CONSULTANT

STATE  
SA FILE NUMBER 1-C2  
PPL # 01-122568

REVISIONS		
No.	Description	Date
1	Initial version	2023-01-01
2	Added feature X	2023-01-15
3	Fixed bug Y	2023-02-01
4	Optimized performance	2023-02-15
5	Added feature Z	2023-03-01
6	Fixed minor bugs	2023-03-15
7	Added user authentication	2023-04-01
8	Optimized database queries	2023-04-15
9	Added reporting feature	2023-05-01
10	Fixed critical security vulnerability	2023-05-15
11	Added AI-powered analysis	2023-06-01
12	Optimized AI model performance	2023-06-15
13	Added real-time data processing	2023-07-01
14	Optimized real-time processing	2023-07-15
15	Added mobile application	2023-08-01
16	Optimized mobile application	2023-08-15
17	Added cloud integration	2023-09-01
18	Optimized cloud integration	2023-09-15
19	Added AI-powered analysis	2023-10-01
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21	Added real-time data processing	2023-11-01
22	Optimized real-time processing	2023-11-15
23	Added mobile application	2023-12-01
24	Optimized mobile application	2023-12-15
25	Added cloud integration	2024-01-01
26	Optimized cloud integration	2024-01-15
27	Added AI-powered analysis	2024-02-01
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48	Optimized mobile application	2024-12-15
49	Added cloud integration	2025-01-01
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250	Optimized cloud integration	2033-05-15

A small black triangle icon, likely a placeholder or a logo.

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0% CD	08.11.2025
SA SUB	08.14.2025
SA OTC	08.21.2025
SA BACKCHECK	08.27.2025

HEET

# ELECTRICAL FIBER OPTIC CABLE RISER DIAGRAM

ATE 08.14.2025  
OB # 2025029  
HEET # FD7 02

## ED7.02