

CLPCCD - LAS POSITAS COLLEGE

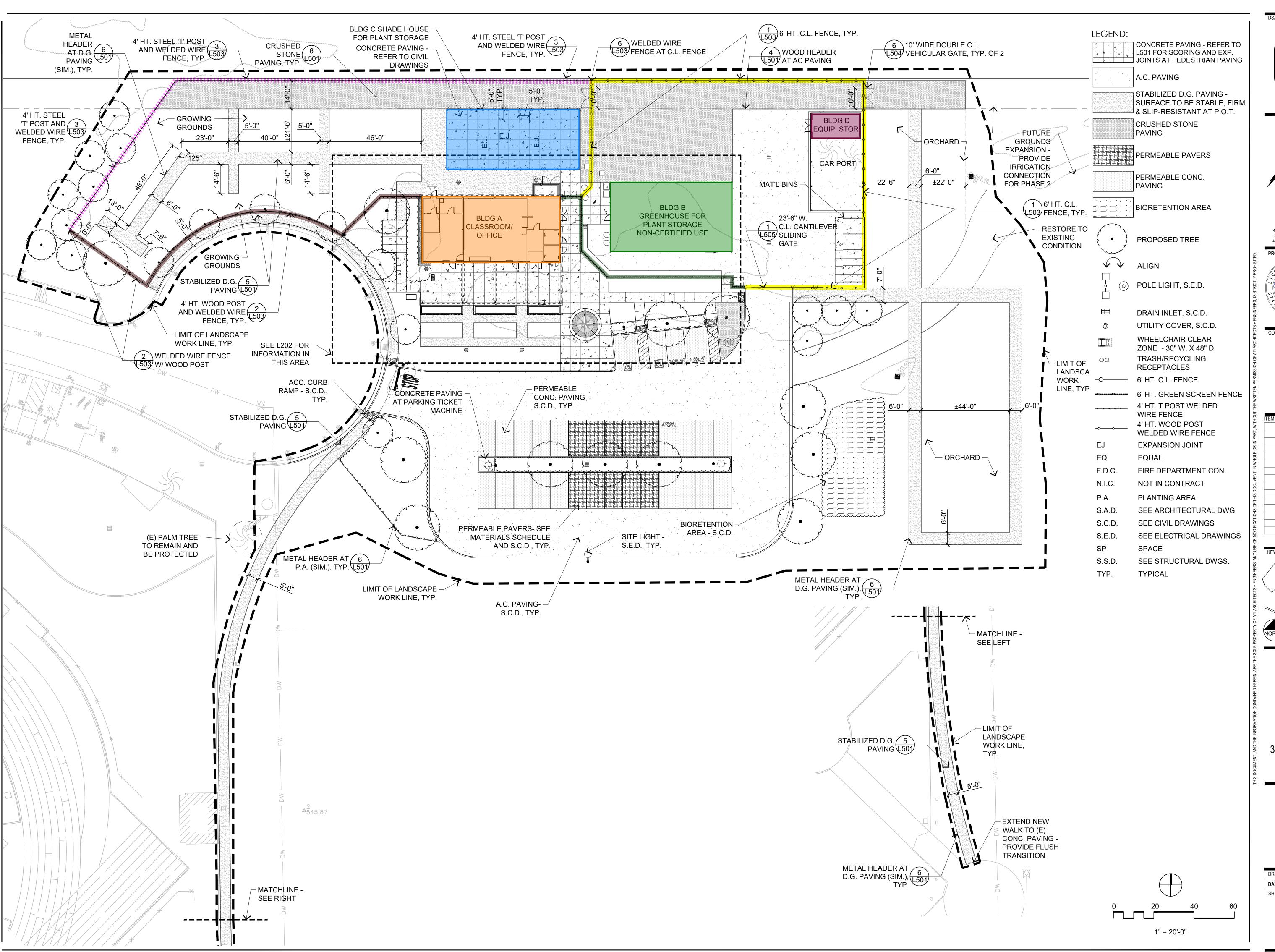
# AGRICULTURE SCIENCE HORTICULTURE FACILITY

3000 CAMPUS HILL DRIVE, LIVERMORE, CA 94551

## OVERALL CAMPUS PLAN

DRAWN BY: EA	CHECKED BY: AW	
DATE: 01/14/2021	PROJECT NO: C9508	
SHEET NO:		

G002



IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT

APP: 01-119056 INC:

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DATE: 01/19/2021



4750 Willow Road #250 Pleasanton, CA 94588 - T 925.648.8800 3009 Douglas Blvd #290 Roseville, CA 95661 - T 916.772.1800 444 S Flower St #1200, Los Angeles, CA 90071 - T 714.338.1600

PROFESSIONAL STAMP:

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AVAILABLE

C 23260

Exp: Apr. 30, 2021

Renewal Date

OF CALLED

PROFESSIONAL STAMP:

CONSULTANT:

KELLER MITCHELL & CO.
Landscape Architecture

302 Fourth Street
Oakland, CA 94607
510/451-9987

ITEM: REVISION / ISSUE: DATE:

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SCIENCE

SCIENCE HORTICULTURE FACILITY

3000 CAMPUS HILL DRIVE, LIVERMORE, CA 94551

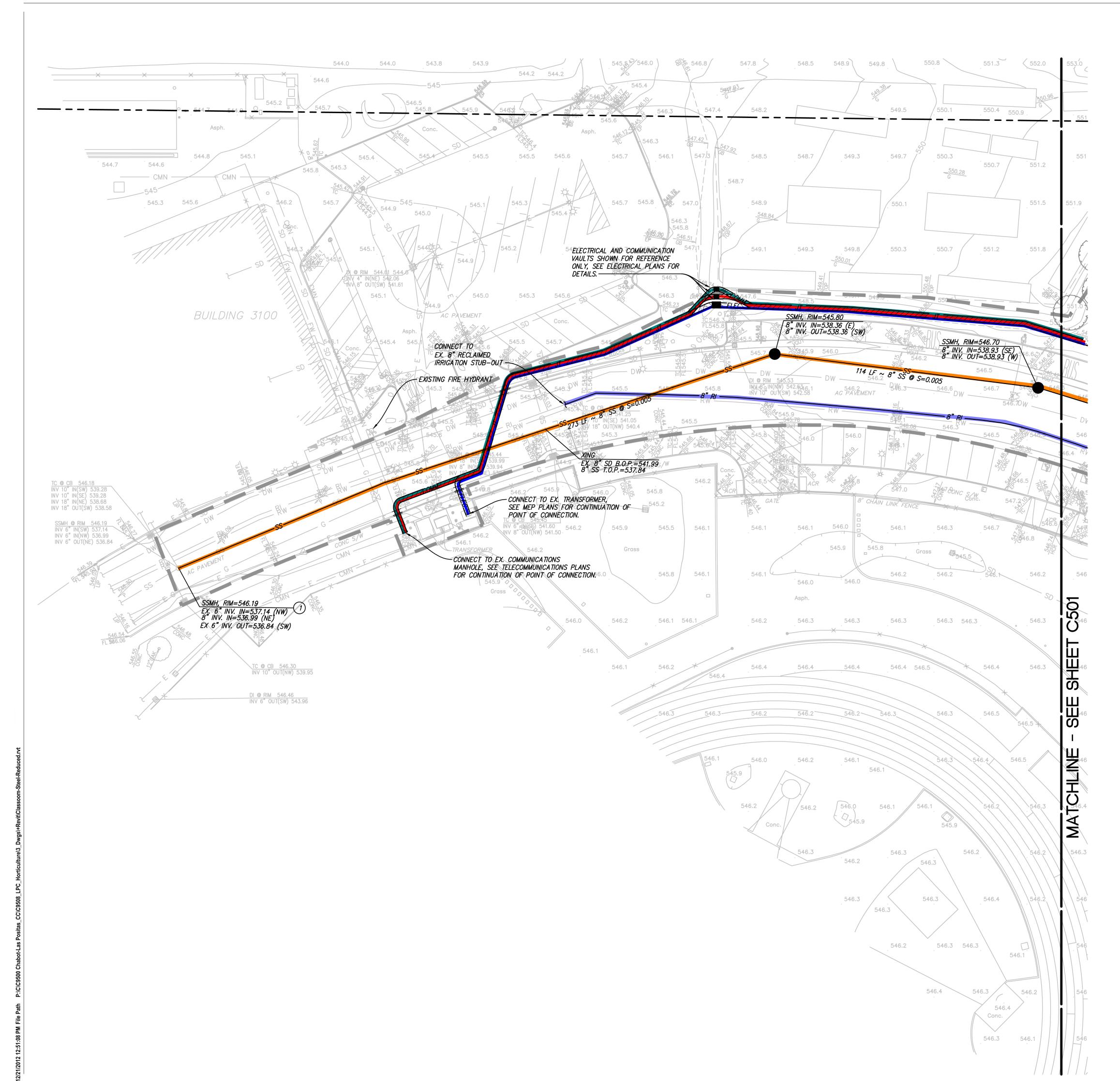
> OVERALL LANDSCAPE PLAN

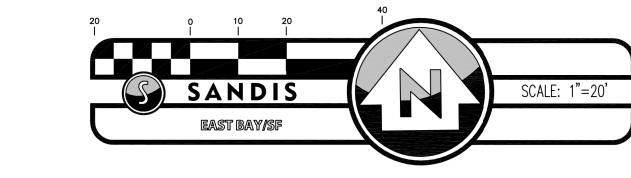
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L201





### STORM DRAIN NOTES

- 1. PRIVATE STORM DRAIN LINE 4—INCH THROUGH 12—INCH WITH A MINIMUM OF TWO (2) FEET OF COVER IN NON—TRAFFIC AREAS SHALL BE POLYVINYL CHLORIDE (PVC) SDR 35 GREEN PIPE AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION D 3034—73 WITH BELLS AND SPIGOT CONNECTIONS. ALL DIRECTION CHANGES SHALL BE MADE WITH WYE CONNECTIONS, 22.5° ELBOWS, 45° ELBOWS OR LONG SWEEP ELBOWS, 90° ELBOWS AND TEE'S ARE PROHIBITED.
- 2. PRIVATE STORM DRAIN LINE 6—INCH THROUGH 12—INCH WITH LESS THAN THREE (3) FEET OF COVER IN VEHICULAR TRAFFIC AREAS SHALL BE POLYVINYL CHLORIDE (PVC) C900, RATED FOR 150 PSI CLASS PIPE. PROVIDE AND INSTALL "STORM DRAIN" MARKER TAPE FOR THE ENTIRE LENGTH OF PIPE TRENCH. ALL DIRECTION CHANGES SHALL BE MADE WITH WYE CONNECTIONS, OBTUSE ELBOWS OR LONG SWEEP ELBOWS, 90° ELBOWS AND TEE'S ARE PROHIBITED.
- 3. ALL AREA DRAINS AND CATCH BASINS GRATES WITHIN PEDESTRIAN ACCESSIBLE AREAS SHALL MEET ADA REQUIREMENTS.
- 4. ALL TRENCHES SHALL BE BACK FILLED PER THE SPECIFICATIONS WITH APPROPRIATE TESTS BY THE GEOTECHNICAL ENGINEER TO VERIFY COMPACTION VALUES. RESTORE TO EXISTING FINISH CONDITION UNLESS OTHERWISE DEPICTED.
- 5. FOR GRAVITY FLOW SYSTEMS CONTRACTOR SHALL VERIFY (POTHOLE IF NECESSARY)
  SIZE, MATERIAL, LOCATION AND DEPTH OF ALL SYSTEMS THAT ARE TO BE
  CONNECTED TO OR CROSSED PRIOR TO THE TRENCHING OR INSTALLATION OF ANY
  GRAVITY FLOW SYSTEM.
- 6. DRAINS SHOWN ON CIVIL PLANS ARE NOT INTENDED TO BE THE FINAL NUMBER AND LOCATION OF ALL DRAINS. PLACEMENT AND NUMBER OF LANDSCAPING DRAINS ARE HIGHLY DEPENDENT ON GROUND COVER TYPE AND PLANT MATERIAL. CONTRACTOR SHALL ADD ADDITIONAL AREA DRAINS AS NEEDED AND AS DIRECTED BY THE LANDSCAPE ARCHITECT.
- 7. INSTALL SEPARATE SUB-DRAIN SYSTEM BEHIND RETAINING WALLS PER GEOTECHNICAL REPORT AND CONNECT TO STORM DRAIN SYSTEM AS SHOWN ON PLANS.
- 8. ALL DOWN SPOUTS SHALL DISCHARGE DIRECTLY ON TO ADJACENT PERVIOUS SURFACES OR SPLASH BLOCKS UNLESS OTHERWISE NOTED ON PLANS. SEE ARCHITECTURE PLANS FOR EXACT LOCATION OF THE DOWN SPOUTS.
- 9. REFER STRUCTURAL DRAWING S-701 FOR DETAIL ON DRAINS CONSTRUCTED UNDER CLASSROOM BUILDINGS STRUCTURAL TIE BEAMS

### SANITARY SEWER NOTES

- 1. ALL SEWER WORK SHALL BE IN CONFORMANCE WITH THE COUNTY ENVIRONMENTAL HEALTH DEPARTMENT STANDARDS.
- 2. PRIVATE SANITARY SEWER MAIN AND SERVICE LINE 4—INCH THROUGH 8—INCH SHALL BE POLYVINYL CHLORIDE (PVC) SDR 26 GREEN SEWER PIPE AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION D 3034—73 WITH BELL AND SPIGOT CONNECTIONS. ALL DIRECTION CHANGES SHALL BE MADE WITH WYE CONNECTIONS, 22.5° ELBOWS OR 45°. ELBOWS, 90° ELBOWS AND TEE'S ARE PROHIBITED.
- 3. ALL LATERALS SHALL HAVE A TWO WAY CLEANOUT AT FACE OF BUILDING AND AS SHOWN ON PLANS.
- 4. IF (E) SEWER LATERAL IS TO BE USED, CONTRACTOR SHALL VIDEO INSPECT, PERFORM PRESSURE TEST ON (E) SEWER LATERAL, AND SHALL PERFORM ANY NEEDED REPAIRS.
- 9. REFER STRUCTURAL DRAWING S-701 FOR DETAIL ON DRAINS CONSTRUCTED UNDER CLASSROOM BUILDINGS STRUCTURAL TIE BEAMS

### WATER SYSTEM NOTES

- 1. MAINTAIN WATER MAIN LINES 10' AWAY FROM SANITARY SEWER MAIN LINES. LATERALS SHALL BE SEPARATED PER PLAN DIMENSIONS.
- 2. WHERE WATER LINES HAVE TO CROSS SANITARY SEWER LINES, DO SO AT A 90 DEGREE ANGLE AND WATER LINES SHALL BE MINIMUM OF 12" ABOVE TOP OF SANITARY SEWER LINES.
- 3. ALL WATER SERVICE CONNECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE WATER DISTRICT STANDARDS.
- 4. ALL WATER LINES SHALL BE INSTALLED WITH 36" MINIMUM COVER.
- 5. THRUST RESTRAINTS SHALL BE DESIGNED AND INSTALLED AT ALL TEES, CROSSES, BENDS (HORIZONTAL AND VERTICAL), AT SIZE CHANGES AND AT FIRE HYDRANTS.
- 6. WATER UTILITIES CROSSING UNDER CLASSROOM BUILDINGS STRUCTURAL TIE BEAMS ARE TO BE CONSTRUCTED WITH MIN. 1' COVER BELOW BASE OF TIE BEAM
- 7. CONTRACTOR TO COORDINATE WITH CAMPUS FACILITY STAFF FOR ASSIGNING IDENTIFICATION NUMBERS TO WATER VALVE BOX LIDS.

### **UTILITY NOTES:**

1 CONNECT TO EXISTING SANITARY SEWER MANHOLE. CONTRACTOR TO CONFIRM IN FIELD BEFORE CONSTRUCTION. AS—BUILT DOCUMENTS INDICATE EXISTING SANITARY SEWER LINE IS SLOPED AT 2% AND STUBBED OUT. PROJECT PROPOSES TO DEMO AND REBUILDING EXISTING SANITARY SEWER LINE AT SLOPE 1%. CONTRACTOR TO POTHOLE AND CONFIRM EXISTING SANITARY SEWER LINE LOCATION AND INVERT. REPORT FINDINGS TO ENGINEER.

### **GENERAL NOTES**

- 1. CONSTRUCT SDCO AND SSCO PER DETAIL 4, SHEET C802.
- 2. CONSTRUCT CATCH BASIN PER DETAIL 2, SHEET C802.
- 3. CONSTRUCT AREA DRAIN PER DETAIL 1, SHEET C802.

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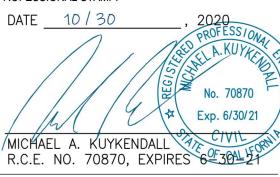
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AN AC MARTIN COMPANY

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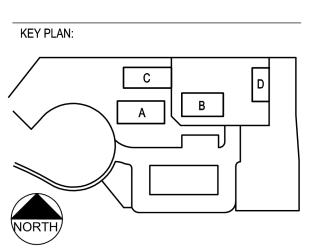
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AGRICULTURE SCIENCE HORTICULTURE FACILITY

3000 CAMPUS HILL DRIVE, LIVERMORE, CA 94551

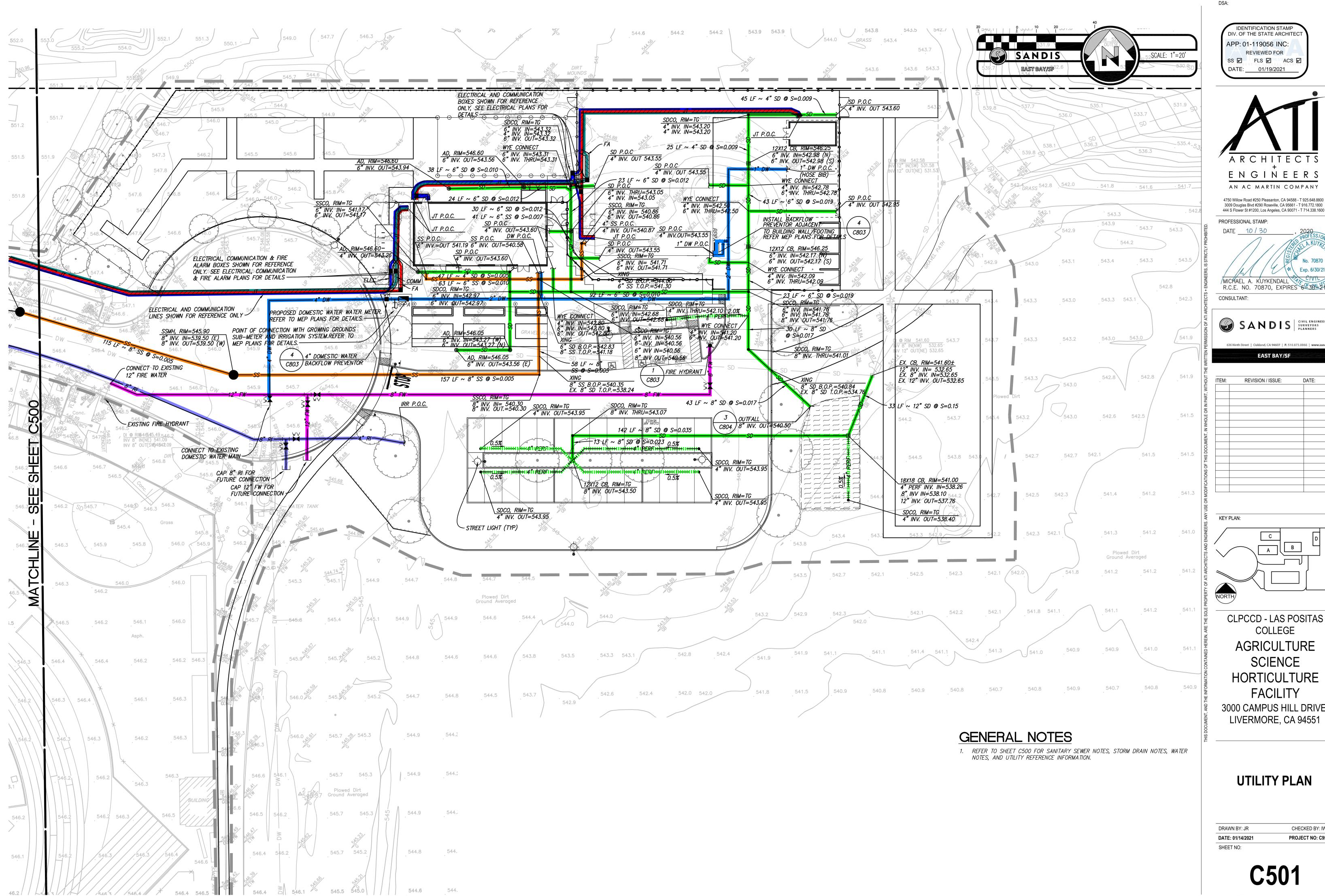
**UTILITY PLAN** 

DRAWN BY: JR CHECKED BY: IW

DATE: 01/14/2021 PROJECT NO: C9508

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C500



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EAST BAY/SF

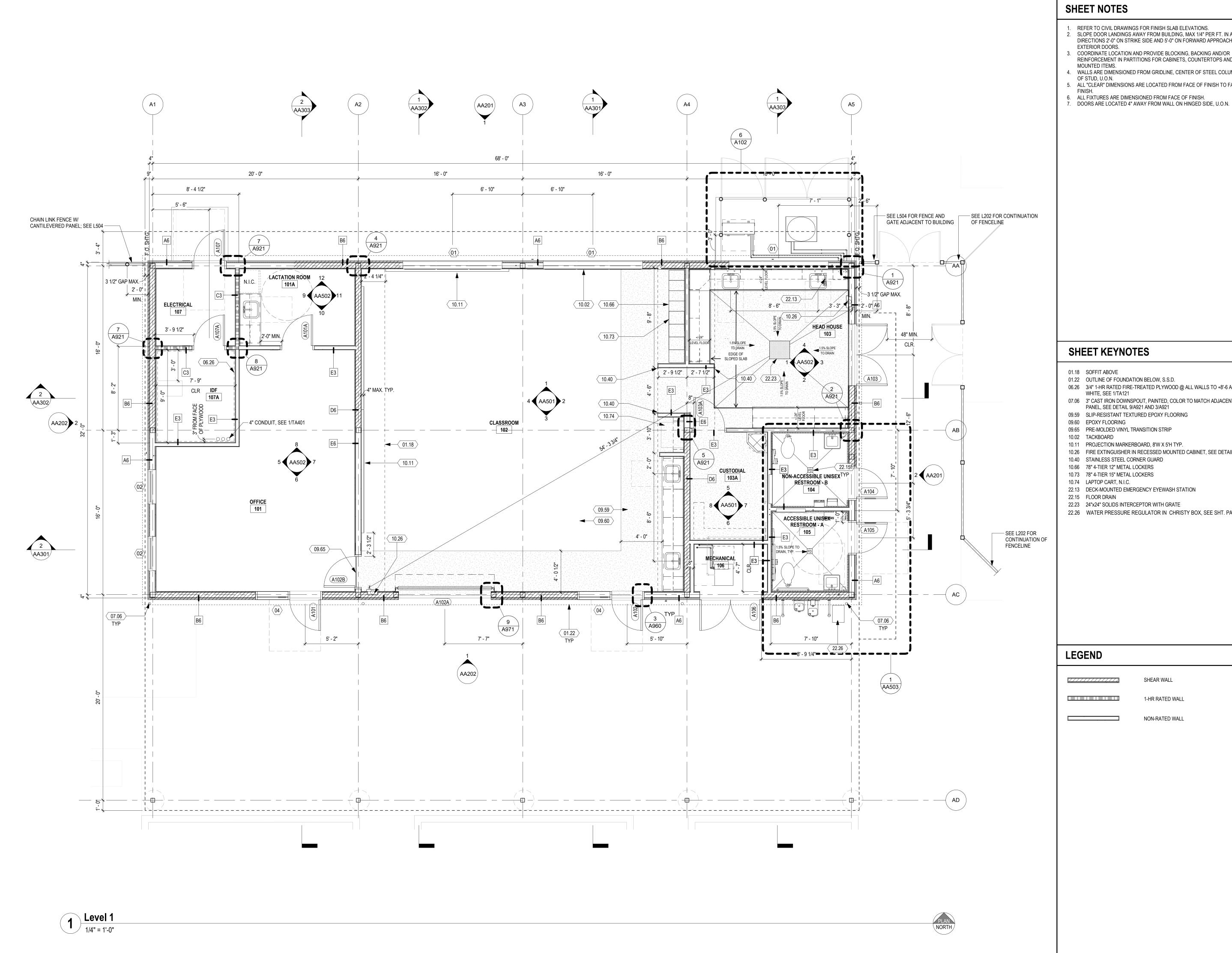
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**UTILITY PLAN** 

CHECKED BY: IW PROJECT NO: C9508 DATE: 01/14/2021

C501



- 1. REFER TO CIVIL DRAWINGS FOR FINISH SLAB ELEVATIONS. 2. SLOPE DOOR LANDINGS AWAY FROM BUILDING, MAX 1/4" PER FT. IN ALL DIRECTIONS 2'-0" ON STRIKE SIDE AND 5'-0" ON FORWARD APPROACH OF ALL
- COORDINATE LOCATION AND PROVIDE BLOCKING, BACKING AND/OR REINFORCEMENT IN PARTITIONS FOR CABINETS, COUNTERTOPS AND WALL-
- 4. WALLS ARE DIMENSIONED FROM GRIDLINE, CENTER OF STEEL COLUMN OR FACE
- 5. ALL "CLEAR" DIMENSIONS ARE LOCATED FROM FACE OF FINISH TO FACE OF
- 6. ALL FIXTURES ARE DIMENSIONED FROM FACE OF FINISH.

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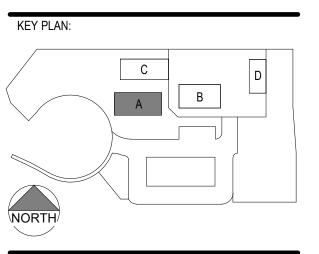
- 01.22 OUTLINE OF FOUNDATION BELOW, S.S.D.
- 06.26 3/4" 1-HR RATED FIRE-TREATED PLYWOOD @ ALL WALLS TO +8'-6 A.F.F., PAINT
- WHITE, SEE 1/TA121
- 07.06 3" CAST IRON DOWNSPOUT, PAINTED, COLOR TO MATCH ADJACENT SIDING PANEL, SEE DETAIL 9/A921 AND 3/A921
- 09.59 SLIP-RESISTANT TEXTURED EPOXY FLOORING
- 09.65 PRE-MOLDED VINYL TRANSITION STRIP
- 10.11 PROJECTION MARKERBOARD, 8'W X 5'H TYP.
- 10.26 FIRE EXTINGUISHER IN RECESSED MOUNTED CABINET, SEE DETAIL 2/A992
- 10.66 78" 4-TIER 12" METAL LOCKERS
- 10.73 78" 4-TIER 15" METAL LOCKERS
- 22.15 FLOOR DRAIN22.23 24"x24" SOLIDS INTERCEPTOR WITH GRATE
- 22.26 WATER PRESSURE REGULATOR IN CHRISTY BOX, SEE SHT. PA122

SHEAR WALL

1-HR RATED WALL

NON-RATED WALL

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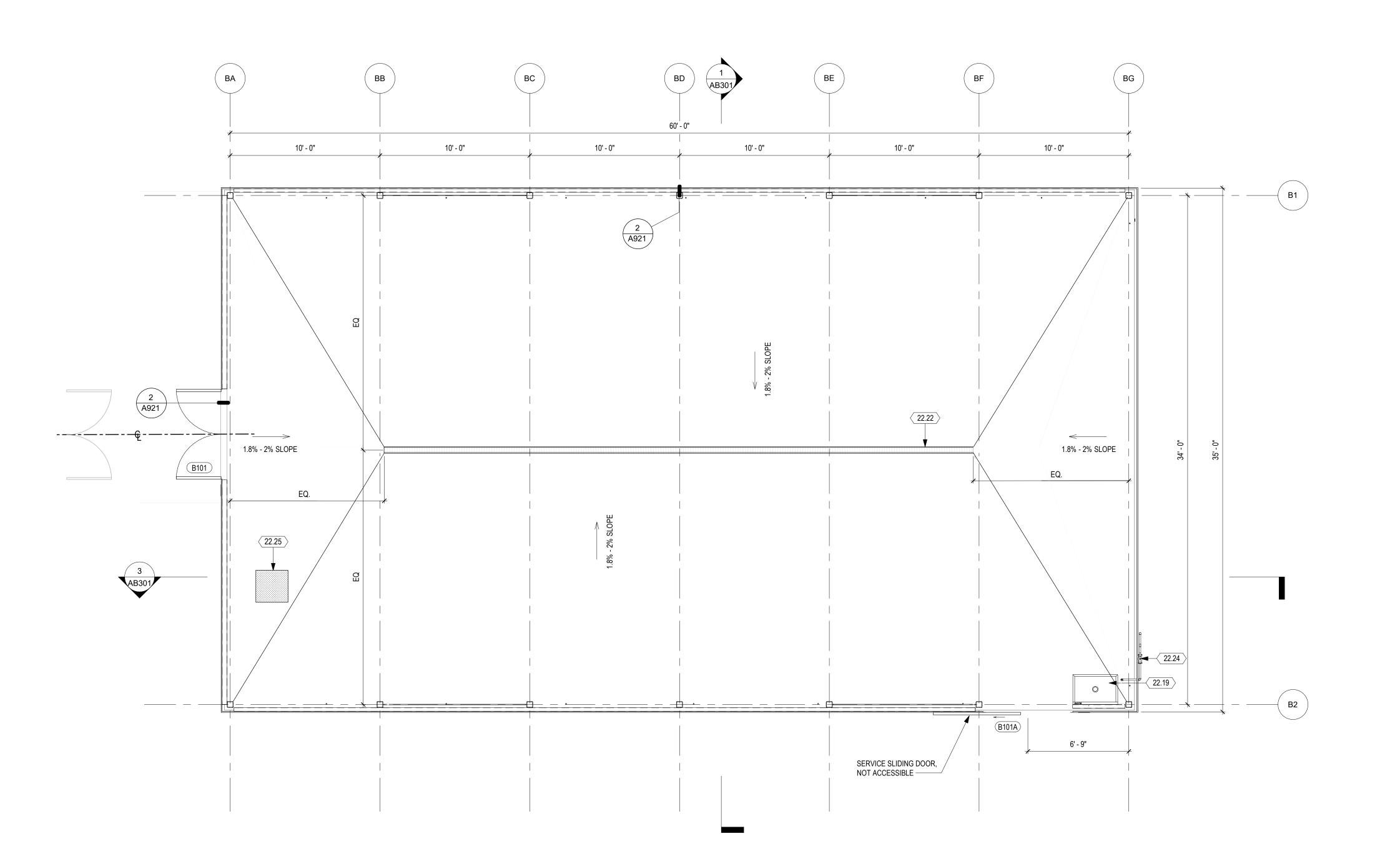
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## AGRICULTURE SCIENCE HORTICULTURE **FACILITY**

3000 CAMPUS HILL DRIVE, LIVERMORE, CA 94551

## CLASSROOM **BUILDING FLOOR PLAN**

DRAWN BY: EA CHECKED BY: AW PROJECT NO: C9508 DATE: 01/14/2021 SHEET NO:



THIS SHEET FOR DSA ACCESS REVIEW ONLY PER DSA IR A-22

1 GREENHOUSE FLOOR PLAN
1/4" = 1'-0"

### **GENERAL SHEET NOTES**

SHEET KEYNOTES

22.22 TRENCH DRAIN, S.P.D. 22.24 BACK-FLOW PREVENTER

22.25 FLOOR DRAIN, S.P.D.

22.19 UTILITY SINK

- 1. REFER TO MANUFACTURER DRAWINGS FOR STRUCTURAL
- FRAMING INFORMATION.
- DIMENSIONS ARE TO FACE OF STUD, TO CENTERLINE OF STUD OR CENTERLINE OF OPENINGS, U.O.N.
- 3. REFER TO CIVIL ENGINEERING DRAWINGS AND SITE PLAN FOR SITE FEATURES NOT OTHERWISE INDICATED.
- 4. REFER TO M.E.P. DRAWINGS FOR M.E.P. ITEMS.
- 5. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL ITEMS. 6. ALL EXTERIOR WALLS ARE POLYCARBONATE U.O.N., SEE GREENHOUSE MANUFACTURER DRAWINGS FOR DETAILS.
- 7. OPENINGS IN FLOOR OR GROUND SURFACES IN THE PEDESTRIAN WAY SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2" DIAMETER. WHEN OPENINGS ARE OBLONG, THE LONG DIMENSION SHALL BE PLACE PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL.





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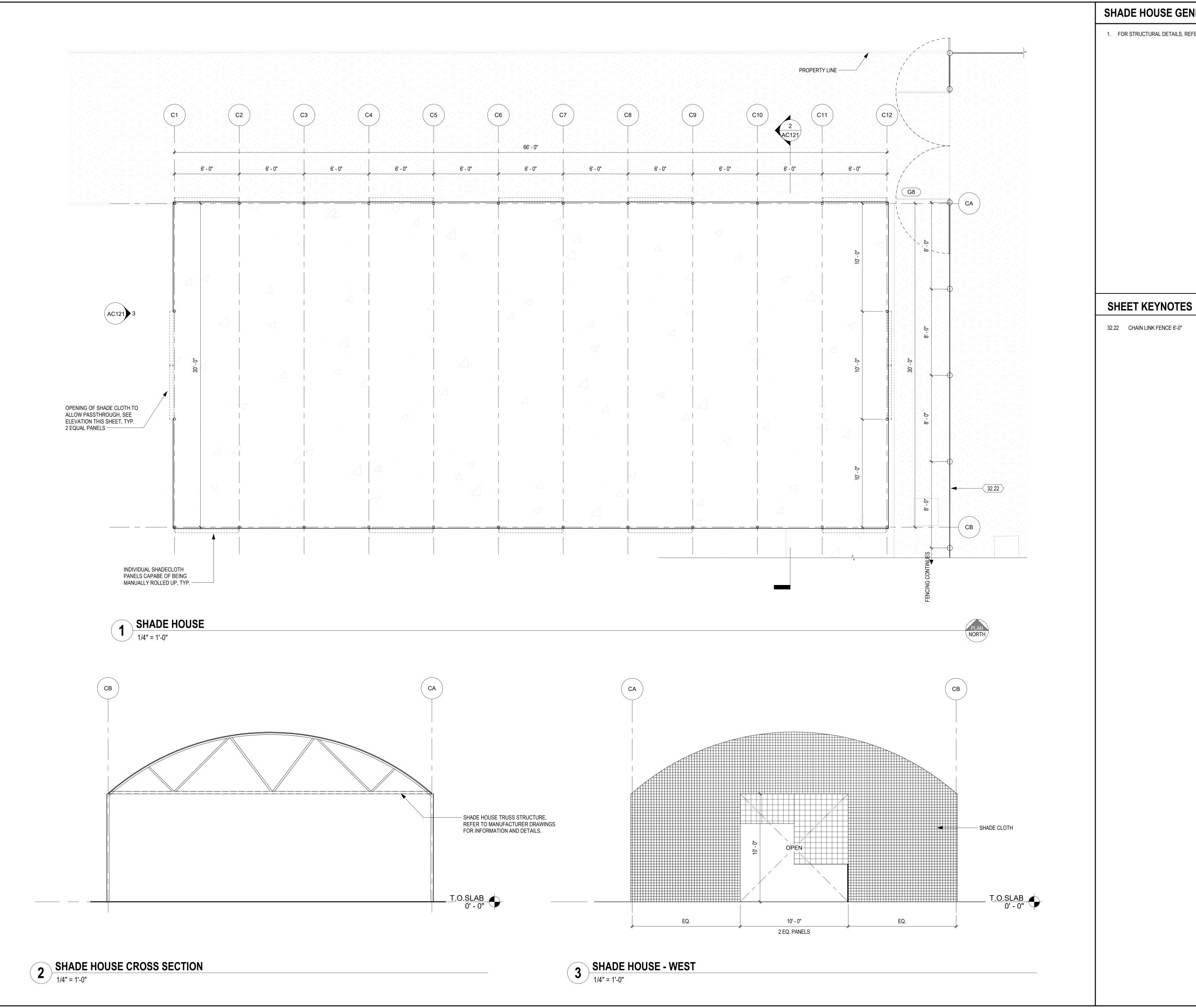
# **AGRICULTURE** SCIENCE HORTICULTURE **FACILITY**

3000 CAMPUS HILL DRIVE, LIVERMORE, CA 94551

## **GREENHOUSE FLOOR PLAN**

DRAWN BY: EA CHECKED BY: AW PROJECT NO: C9508 DATE: 01/14/2021 SHEET NO:

**AB121** 



### SHADE HOUSE GENERAL NOTES

1. FOR STRUCTURAL DETAILS, REFER TO MANUFACTURER REFERENCE DRAWINGS

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IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT

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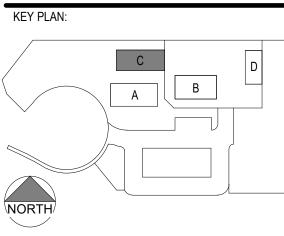
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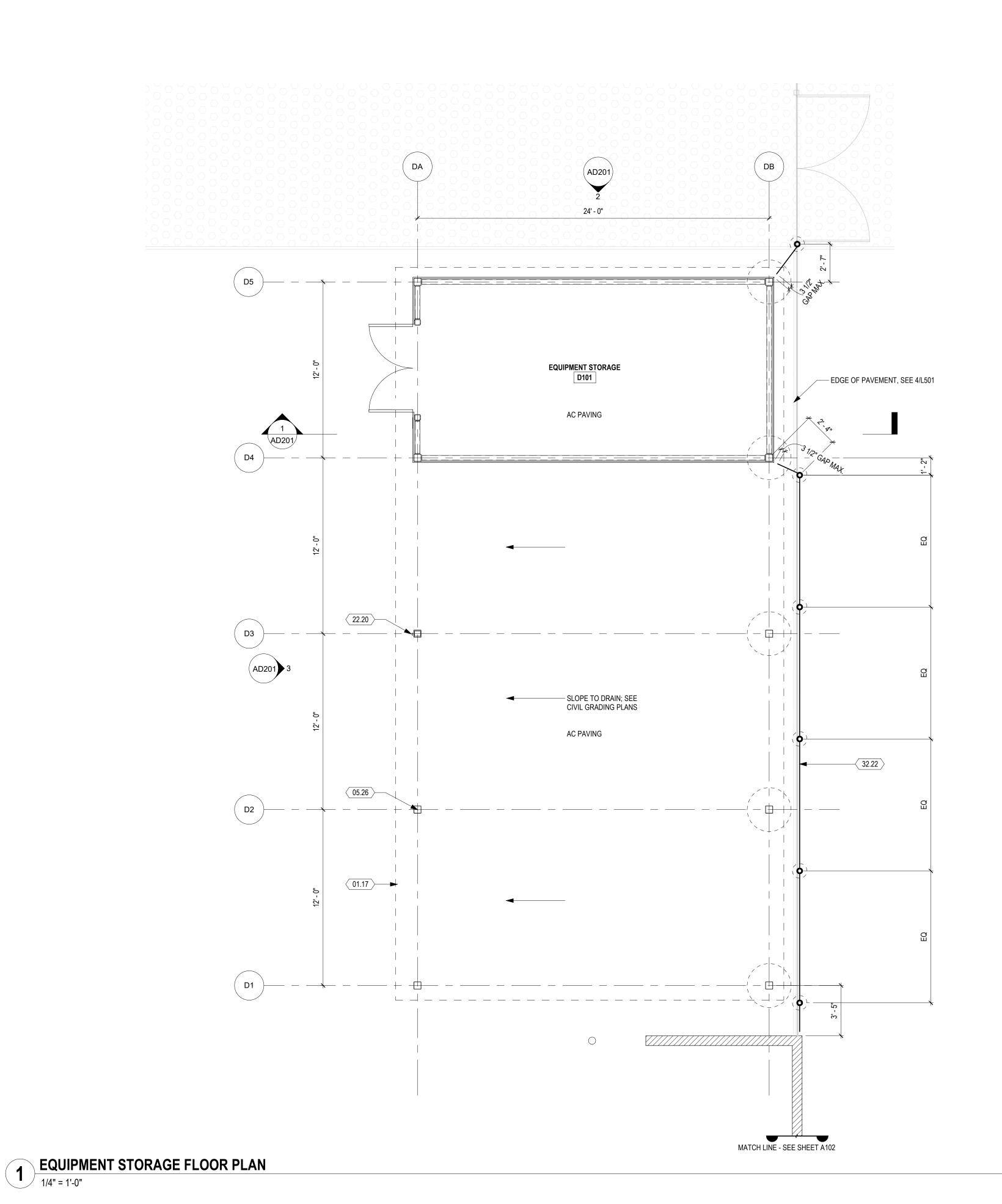
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## **AGRICULTURE** SCIENCE HORTICULTURE **FACILITY**

3000 CAMPUS HILL DRIVE, LIVERMORE, CA 94551

> SHADE HOUSE **FLOOR PLAN**

CHECKED BY: AW DRAWN BY: EA PROJECT NO: C9508 DATE: 01/14/2021 SHEET NO:



### **GENERAL SHEET NOTES**

 REFER TO MANUFACTURER DRAWINGS FOR STRUCTURAL FRAMING INFORMATION. IDENTIFICATION STAMP
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CONSULTANT:

### SHEET KEYNOTES

- 01.17 OUTLINE OF ROOF ABOVE
- 05.26 HSS 6X6 COLUMN, SEE EQUIPMENT STORAGE LS DRAWINGS
- 22.20 HOSE BIB 32.22 CHAIN LINK FENCE 6'-0"

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KEY PLAN:

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# AGRICULTURE SCIENCE HORTICULTURE FACILITY

3000 CAMPUS HILL DRIVE, LIVERMORE, CA 94551

EQUIPMENT STORAGE FLOOR PLAN

DRAWN BY: EA CHECKED BY: AW

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SHEET NO:

**AD121** 







CLASSROOM VIEW