UNIVERSITY OF CALIFORNIA SANTA BARBARA EDIBLE CAMPUS PROJECT STUDENT FARM

EROSION CONTROL GENERAL NOTES

- I. CONTRACTOR SHALL CONSTRUCT ADEQUATE EROSION CONTROL MEASURES TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM EXITING THE CONSTRUCTION SITE AND/OR ENTERING THE STORM DRAIN SYSTEM
- 2. ALL EROSION CONTROL DEVICES SHALL BE CONSTRUCTED AND MAINTAINED MEETING ALL UCSB AND CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD STORM WATER BEST MANAGEMENT PRACTICES REQUIREMENTS.
- 3. CONTRACTOR SHALL ROUTINELY INSPECT AND MAINTAIN ALL EROSION CONTROL DEVICES IN WORKING CONDITION AND MAINTAIN RECORD IN ACCORDANCE WITH THE UCSB AND CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD REQUIREMENTS
- 4. ERODED SEDIMENT AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND
- 5. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FORM THE SITE BY THE FORCES OF WIND OR WATER.
- 6. EROSION CONTROL PLAN SUGGESTS MINIMUM REQUIREMENTS TO PREVENT SEDIMENT FROM LEAVING SITE EITHER BY WIND OR WATER, ETC., BUT NOT ALL POSSIBLE BMP'S TO CONTROL SEDIMENT. CONTRACTOR SHALL ADJUST MEASURES AS REQUIRED TO CONTROL EROSION. COORDINATE SITE STABILIZATION PLANS WITH UNIVERSITY REPRESENTATIVE. REFERENCE DIVISION I
- SPECIFICATIONS FOR UNIVERSITY STANDARD REQUIREMENTS 7. INSTALL WOOD CHIPS PROVIDED BY UNIVERSITY AS SOON AS POSSIBLE AFTER SITE CLEARING AND GRADING TO PROVIDE SITE STABILIZATION FOR EROSION CONTROL PURPOSES

EROSION CONTROL LEGEND

FIBER ROLL

CONSTRUCTION EROSION CONTROL KEY NOTE (SEE LEGEND AT RIGHT)

ENTRANCE /EXIT (TRACKING CONTROL)

× 45.16'

× 44.46'

NEW DOUBLE GATES ---

NEW PERIMETER-

FOR FACILITIES ACCESS TO

CHILDREN'S CENTER

EX. CONCRETE CURB -UNDER EX. CHAIN

CHILDREN'S CENTER

NEW PEDESTRIAN

GATE BETWEEN

AND FARM

FENCE AT

EX. CHAIN LINK

CHILDREN'S CENTER

CHILDREN'S CENTER

LINK FENCE AT

FENCE

× 44.81

GND

GND

× 43.89\

GND

CUTBACK CURB

EROSION CONTROL KEY NOTES

FOOTING TO CREATE CUTBACK CURB TO PREVENT RUNOFF FROM SITE

FOR DETAILED DESCRIPTION OF ALL

RELOCATE EX. PLASTIC SHED

SITE ELEMENTS AND REFERENCES TO

CONSTRUCTION BEST MANAGEMENT PRACTICES

- I. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM
- 2. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
- 3. CONTRACTOR SHALL SUBMIT CONSTRUCTION STAGING AND MATERIAL STORAGE DRAWINGS TO THE UNIVERSITY FOR APPROVAL. UNLESS OTHERWISE APPROVED BY UNIVERSITY REPRESENTATIVE.
- 4. CONTRACTOR SHALL CONSTRUCT A CONCRETE WASHOUT AREA PER UCSB AND CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD FIELD MANUAL LOCATION TO BE COORDINATED WITH AND APPROVED BY THE UNIVERSITY REPRESENTATIVE.

GREEN.

EX. SHED

GENERAL CONDITIONS NOTES

- GRADING AND EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DESIGNED TO MINIMIZE EROSION AND SHALL INCLUDE THE FOLLOWING:
- A. METHODS SUCH AS GEOTEXTILE FABRICS, EROSION CONTROL BLANKETS, RETENTION BASINS. DRAINAGE DIVERSION STRUCTURES. SILTATION BASINS AND SPOT GRADING SHALL BE USED TO REDUCE EROSION AND SILTATION INTO STORM DRAINS DURING GRADING AND CONSTRUCTION ACTIVITIES
- B. ANY SEDIMENT OR OTHER MATERIALS TRACKED OFF SITE SHALL BE REMOVED THE SAME DAY AS THEY ARE TRACKED USING DRY CLEANING METHODS.
- C. STORM DRAIN INLETS SHALL BE PROTECTED FROM SEDIMENT-LADEN WATERS BY THE USE OF INLET PROTECTION DEVICES SUCH AS GRAVEL BAG BARRIERS, FILTER FABRIC FENCES, BLOCK AND GRAVEL FILTERS, AND EXCAVATED INLET SEDIMENT TRAPS.
- 2. BEST AVAILABLE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED DURING GRADING AND CONSTRUCTION ACTIVITIES. THESE MEASURES MAY INCLUDE BUT ARE NOT LIMITED TO THE USE OF SEDIMENT BASINS, GRAVEL BAGS, SILT FENCES, GEO-BAGS OR GRAVEL AND GEOTEXTILE FABRIC BENNS, EROSION CONTROL BLANKETS, COIR ROLLS, JUTE NET, AND STRAW BALES. STORM DRAIN INLETS SHALL BE PROTECTED FROM SEDIMENT-AND POLLUTANT-LADEN WATERS BY USE OF INLET PROTECTION DEVICES SUCH AS GRAVEL BAG BARRIERS, FILTER FABRIC FENCES, BLOCK AND GRAVEL FILTERS, AND EXCAVATED INLET SEDIMENT TRAPS. SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED FOR THE DURATION OF THE GRADING PERIOD AND UNTIL GRADED AREAS HAVE BEEN STABILIZED BY STRUCTURES OR VEGETATION
- 3. DURING CONSTRUCTION, WASHING OF CONCRETE TRUCKS, PAINT, EQUIPMENT, OR SIMILAR ACTIVITIES SHALL OCCUR ONLY IN AREAS WHERE POLLUTED WATER AND MATERIALS CAN BE CONTAINED FOR SUBSEQUENT REMOVAL FROM THE SITE. WASH WATER SHALL NOT BE DISCHARGED TO THE STORM DRAINS, STREET, DRAINAGE DITCHES, CREEKS, OR WETLANDS. AREAS DESIGNATED FOR WASHING FUNCTIONS SHALL BE AT LEAST 100 FEET FROM ANY STORM DRAIN. WATERBODY, OR SENSITIVE BIOLOGICAL RESOURCES, INCLUDING OAK TREES AND DRAINAGE CHANNELS. THE LOCATION(S) OF THE WASHOUT AREA(S) SHALL BE CLEARLY NOTED AT THE CONSTRUCTION SITE WITH SIGNS. REVIEW PROPOSED WASHOUT LOCATION WITH UNIVERSITY REPRESENTATIVE FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
- 4. ALL EXPOSED SLOPES SHALL BE MULCHED AND STABILIZED PRIOR TO FINAL OBSERVATION. 5. IF NOT DIMENSIONED, LOCATION OF FINISH GRADE ELEVATIONS AND FEATURES SUCH AS SWALES, RIDGE LINES, ETC. SHALL BE DETERMINED BY SCALE FROM KNOWN POINTS SHOWN ON THE PLANS. REFERENCE GRADING PLANS
- 6. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE HEALTH AND SAFETY LAWS, ORDINANCES, REGULATIONS, RULES, AND STANDARDS INCLUDING ALL REQUIREMENTS OF THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND OF
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VEHICULAR AND PEDESTRIAN TRAFFIC CONTROL AND SAFETY AND SHALL FURNISH. INSTALL. AND MAINTAIN SUCH FENCING. SIGNS. LIGHTS, TRENCH PLATES, BARRICADES, AND/OR OTHER PROTECTION AS IS NECESSARY FOR
- SAID CONTROL AND SAFETY. 8. DURING THE COURSE OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR OBSERVATION AND TESTING AS STIPULATED PURSUANT TO COUNTY OR OTHER JURISDICTIONS
- AND AS OUTLINED IN THE PROJECT SPECIFICATIONS. 9. ALL UNSUITABLE CONSTRUCTION MATERIALS AND RUBBISH AND DEBRIS SHALL BE REMOVED FROM THE JOB SITE, BE TRANSPORTED TO A SUITABLE LOCATION, AND BE DISPOSED OF IN A PROPER AND LEGAL MANNER.
- 10. ARCHAEOLOGICAL MONITOR SHALL BE PRESENT ON SITE TO OBSERVE ANY CONSTRUCTION ACTIVITIES REQUIRING EXCAVATION OR GROUND DISTURBANCE SUCH AS GRADING, TRENCHING, INSTALLATION OF CURB FORMS AND FOOTINGS, ETC. CONTRACTOR SHALL SCHEDULE SUCH WORK SO AS TO

3' TALL RAISED

PERMACULTURE

× 45.11'

GND

PRE-FABRICATED -

METAL SURFACE)

CLASS II BASE PATH

METAL RAMP

(PERFORATED

EXISTING ORFALEA

FAMILY CHILDREN'S

DAYCARE CENTER

CENTER (OFCC)

UNIVERSITY

TREE PLANTER

CONSTRUCTION STAGING MAP



GENERAL NOTES

EX 3" GALVANIZED STEEL-

ATLAS; CONTRACTOR SHALL

VERIFY LOCATION ON SITE

OBSERVED ON SITE

EX. GAS VALVE PER-

CAMPUS ATLAS; NOT

POTHOLE AND VERIFY.

REMOVED AND REPLACED WITH NEW FENCING PER LAYOUT PLAN.

TYPICAL SOUTHERN FENCELINE.

CONTRACTOR TO

CONCRETE

PATIO

WATER LINE PER CAMPUS

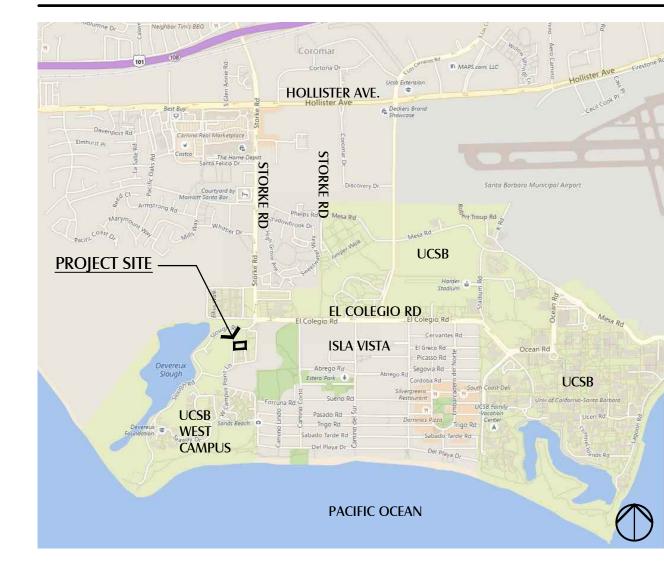
- I. ADJUST ANY VALVES CANS, VAULT FRAMES AND COVERS, MANHOLE FRAMES AND COVERS TO FINISH GRADE (TYP. FOR ALL UTILITY SURFACE FEATURES FOR THIS PROJECT.) SEE LAYOUT \$ GRADING PLAN THIS SET. NOTE THAT GAS VALVE IN PROPOSED CENTRAL BED APPEARS TO BE LOCATED IN ROAD AND WAS NOT ENCOUNTERED ON SITE. CONTRACTOR SHALL VERIFY DISPOSITION OF GAS VALVE
- CONTRACTOR SHALL BE RESPONSIBLE FOR BEING FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES, AND MARK LOCATION ON SITE WHERE TRENCHING OR EXCAVATION IS TO OCCUR AND PROTECT ALL UTILITIES WITHIN SCOPE OF WORK AREA. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR COST INCURRED DUE TO DAMAGE AND REPLACEMENT OF SAID UTILITIES. CONFIRM LOCATION WITH UNIVERSITY REPRESENTATIVE AND
- COORDINATE WITH GRADING AND LAYOUT PLAN THIS SET. 3. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN PERIMETER EROSION CONTROL FOR THIS
- SCOPE OF WORK PER EROSION CONTROL PLANS AND PROJECT SPECIFICATIONS. 4. ALL CONSTRUCTION AND INSTALLATION OF LANDSCAPE AND HARDSCAPE ITEMS SHALL BE
- PER LOCAL CODES AND ORDINANCES. 5. ALL PAVED AREAS AND FINISH GRADE AREAS SHALL SLOPE TO DRAIN. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED AGAINST EXISTING CONDITIONS AND ALL DISCREPANCIES REPORTED TO THE
- UNIVERSITY REPRESENTATIVE. CONTRACTOR SHALL READ AND UNDERSTAND THE PROJECT SPECIFICATIONS ACCOMPANYING THESE PLANS PRIOR TO BIDDING. FAILURE TO ADHERE TO THE SPECIFICATIONS DURING CONSTRUCTION MAY RESULT IN A DELAY OF THE PROJECT AT THE CONTRACTOR'S EXPENSE. CONTRACTOR IS RESPONSIBLE FOR ANY LOSS DUE TO A DECISION TO ALTER THE DESIGN OR LAYOUT OF THIS PROJECT IN ANY WAY WITHOUT THE CONSENT OF THE UNIVERSITY REPRESENTATIVE.

ATLAS; CONTRACTOR SHALL VERIFY LOCATION ON SITE

× 44.85'

GND

VICINITY MAP



UTILITY LEGEND

———— GAS ————			EXISTING GAS LINE		
	W	W	EXISTING WATER LINE		
	s ——	s ——	EXISTING SEWER LINE		
	E	E	NEW ELECTRICAL LINE		
	w	w	NEW WATER LINE		

SITE COVERAGE

× 44.80°

SITE AREA:	15,026 SF
PERVIOUS SURFACES EXISTING:	15,026 SF
PROPOSED PERVIOUS COVER:	14,792 SF
PROPOSED IMPERVIOUS COVER.	234 SF

PROJECT SITE IS LESS THAT ONE ACRE PROJECT PROPOSES LESS THAN 2.500 SF OF IMPERMEABLE SURFACE AND THUS IS NOT REQUIRED TO SUBMIT A SMALL PROJECT STORMWATER PLAN TO THE UNIVERSITY (PER UNIVERSITY SWMP PERMIT).

EX. WATER LINE.

NEW WATER LINE. REFERENCE IRRIGATION.

PLANS & CIVIL PLANS

FUTURE PERGOLA

AND UTILITY AREA

€ GFI

NEW SHED

REFERENCE CIVIL

ENGINEER'S PLANS

SHEET INDEX

- LANDSCAPE: L-O TITLE SHEET & EROSION CONTROL PLAN
- L- I LAYOUT & DIMENSION PLAN L-2 IRRIGATION PLAN L-3 CONSTRUCTION DETAILS
- L-4 CONSTRUCTION DETAILS L-5 IRRIGATION DETAILS

CIVIL ENGINEER: C-I GRADING PLAN C-2 DETAILS

ELECTRICAL ENGINEER: E- I ELECTRICAL PLAN

DESIGN TEAM

UNIVERSITY REPRESENTATIVE: CONTACT: JENNIFER PIERCE, P.E. UNIVERSITY OF CALIFORNIA DESIGN & CONSTRUCTION SERVICES SANTA BARBARA, CA 93106-1030 PHONE: (805)451-1680 JENNIFER.PIERCE@UCSB.EDU

LANDSCAPE ARCHITECT TRUE NATURE DESIGN

5266 HOLLISTER AVE. STE. 230 GOLETA, CA 931111 CONTACT: KIMBERLY TRUE PHONE: 805-770-2100

CIVIL ENGINEER: MAC DESIGN ASSOCIATES

44.80\ 44.74

_NEW ELECTRICAL

m NORTHEAST OF SITE

LINE - PULL FROM EX.

PANEL ON EX. POLE

WOOD BD

× 44.34'

× 44.53'

WOOD BI

→ SIGN

AT THE END OF EACH WORK DAY

OUTSIDE OF NAP TIME IF POSSIBLE

OFCC COORDINATION NOTES

1. ELECTRIC FENCE: CONTRACTOR SHALL BE AWARE

LOUD NOISES WITH OFCC STAFF. CHILDREN'S

COORDINATE TIMING FOR REMOVAL OF EX.

GATE. COORDINATE WORK TIMELINE WITH

ACCEPTABLE -VERIFY WITH UNIVERSITY

Q× 43.10'

REPRESENTATIVE.

TC DAY

BE LEFT UNSECURED \$ UN-ELECTRIFIED OVER

NIGHT. TEMPORARY SOLID BARRICADE MAY BE

CENTER NAP TIME IS FROM 12;30-3:00; OFCC

STAFF PREFER LOUD ACTIVITIES BE PERFORMED

SECTION OF FENCE WITH INSTALLATION OF NEW

UNIVERSITY REPRESENTATIVE. YARDS SHALL NOT

OF ELECTRIFIED PERIMETER FENCE, COORDINATE

WITH OFCC STAFF. FENCE SHALL BE ELECTRIFIED

CONTRACTOR SHALL COORDINATE WORK ENTAILING

1933 CLIFF DR. #6 SANTA BARBARA, CA 93109 CONTACT: DALE WEBER PHONE: 805-957-4748

ELECTRICAL ENGINEER: ALAN NOELLE ENGINEERING 1616 ANACAPA ST. SANTA BARBARA, CA 93101 CONTACT: ALAN NOELLE PHONE: 805-563-5444





KIMBERLY TRUE, MLA

5266 Hollister Ave. Suite 230

Goleta, CA 93111

TrueNatureDesign.com

805-770-2100

50% CD's 12-22-2017

50% CD's 01-05-2018

Date

Revisions

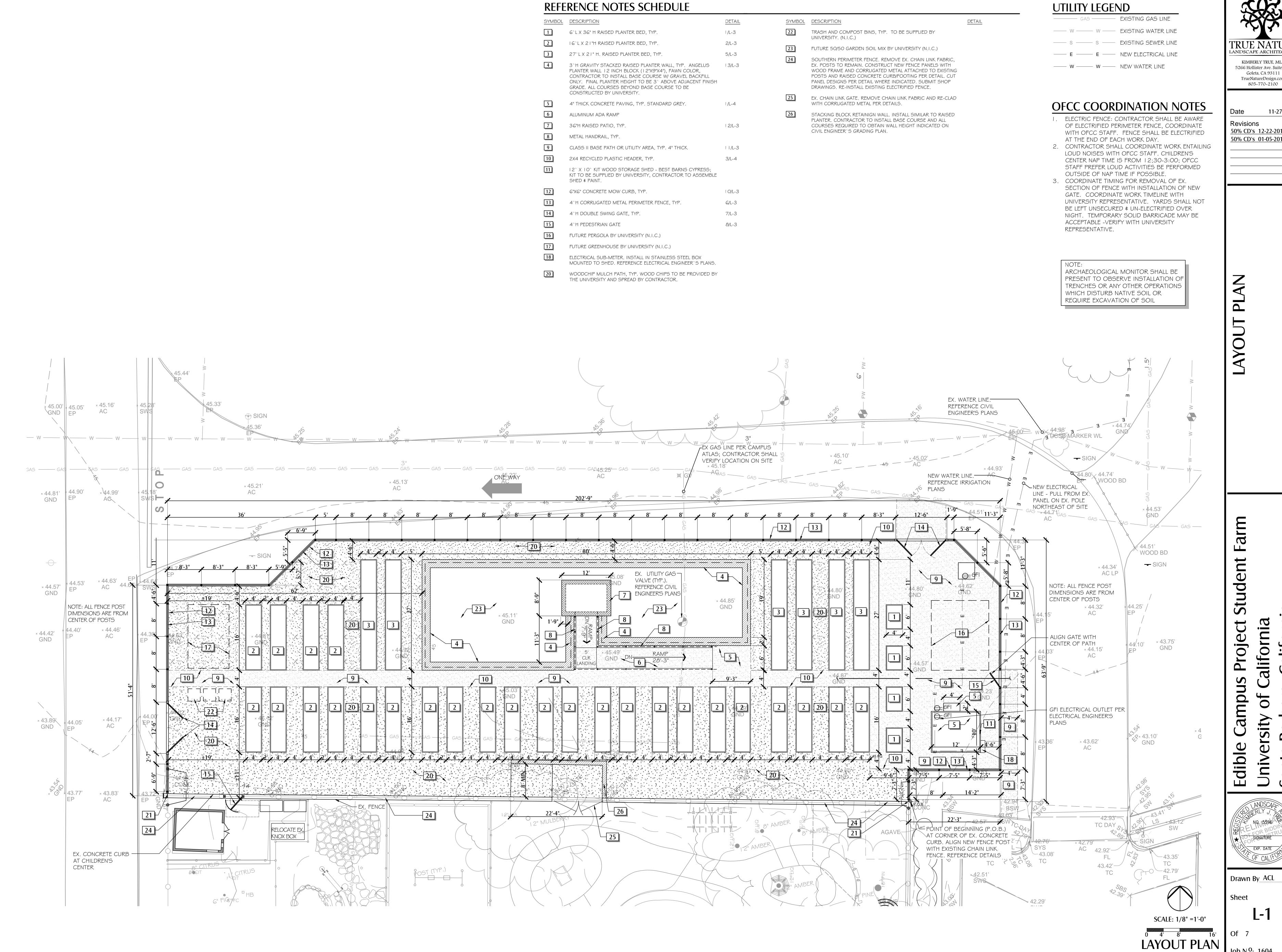
11-27-2017

SITE PLAN & EROSION CONTROL PLAN

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

Drawn By ACL

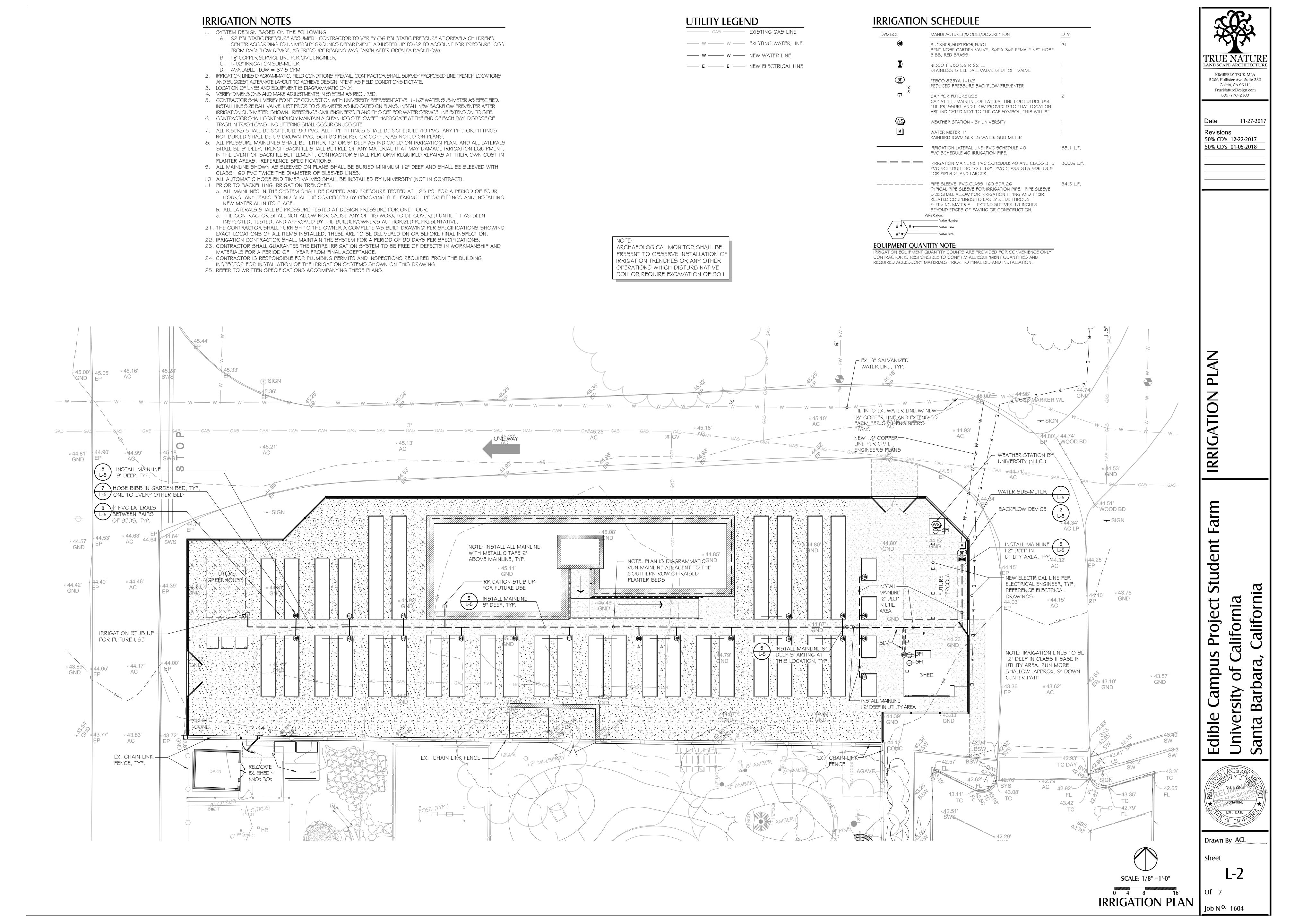
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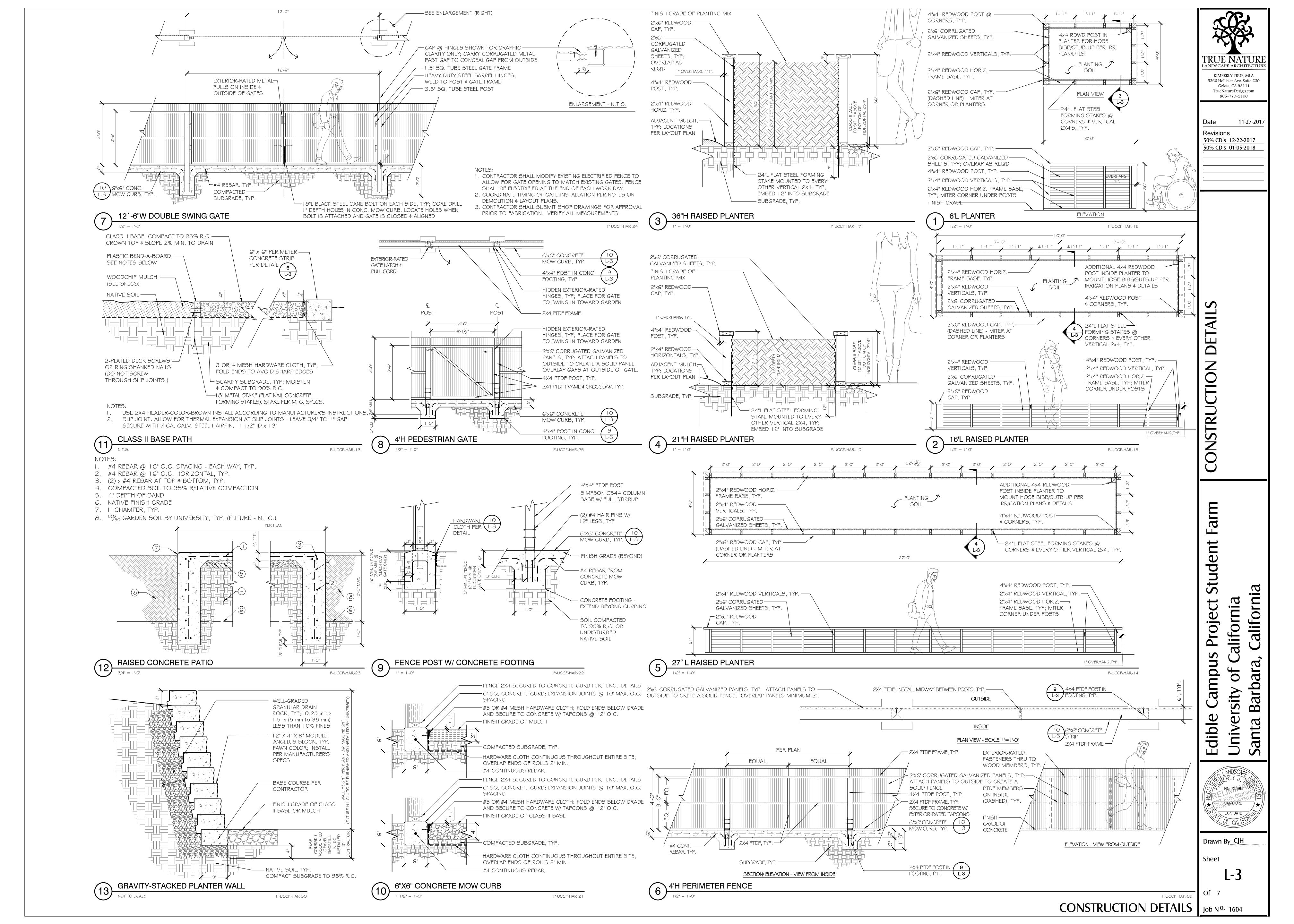


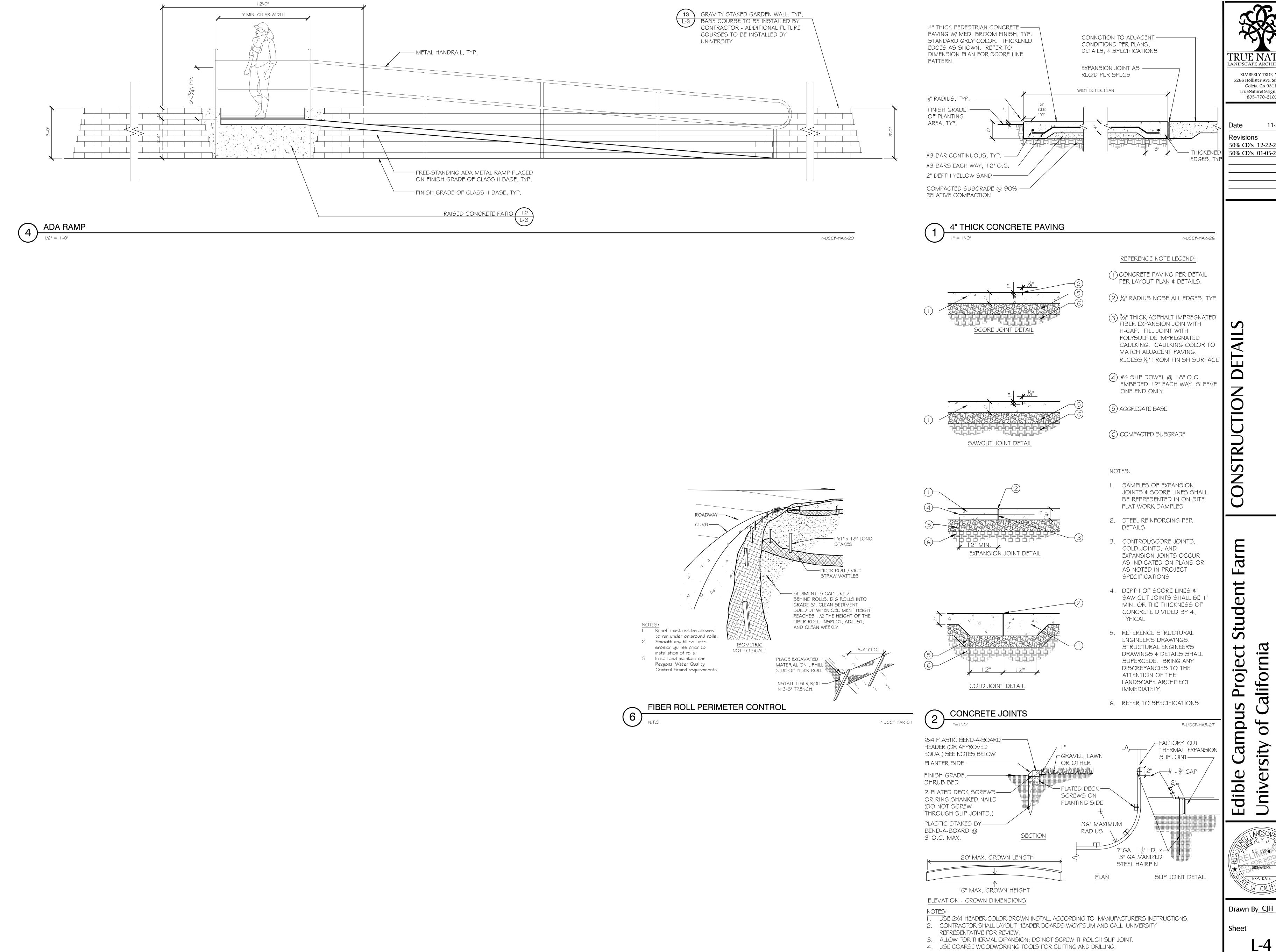
LANDSCAPE ARCHITECTURE KIMBERLY TRUE, MLA 5266 Hollister Ave. Suite 230 Goleta, CA 93111 TrueNatureDesign.com

11-27-2017

50% CD's 12-22-2017 50% CD's 01-05-2018







LANDSCAPE ARCHITECTUR KIMBERLY TRUE, MLA 5266 Hollister Ave. Suite 230 Goleta, CA 93111 TrueNatureDesign.com 805-770-2100

11-27-2017 50% CD's 12-22-2017 50% CD's 01-05-2018

HEADER - BEND-A-BOARD 2X4

P-UCCF-HAR-28

CONSTRUCTION DETAILS Job No. 1604

L-4

alifornia

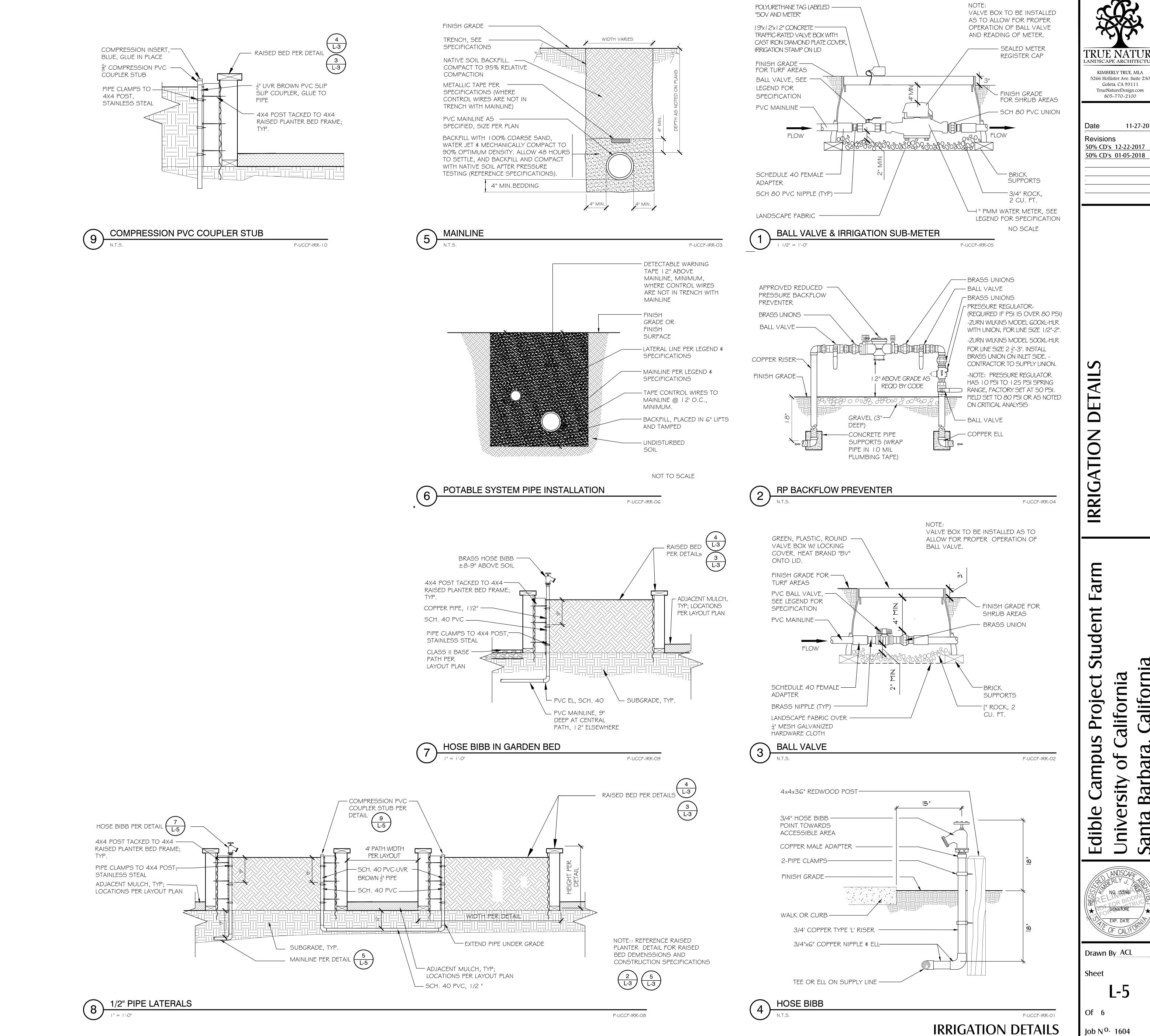
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TRUE NATURI KIMBERLY TRUE, MLA 5266 Hollister Ave. Suite 230 Goleta, CA 93111 TrueNatureDesign.com

805-770-2100

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Drawn By ACL Sheet

alifornia

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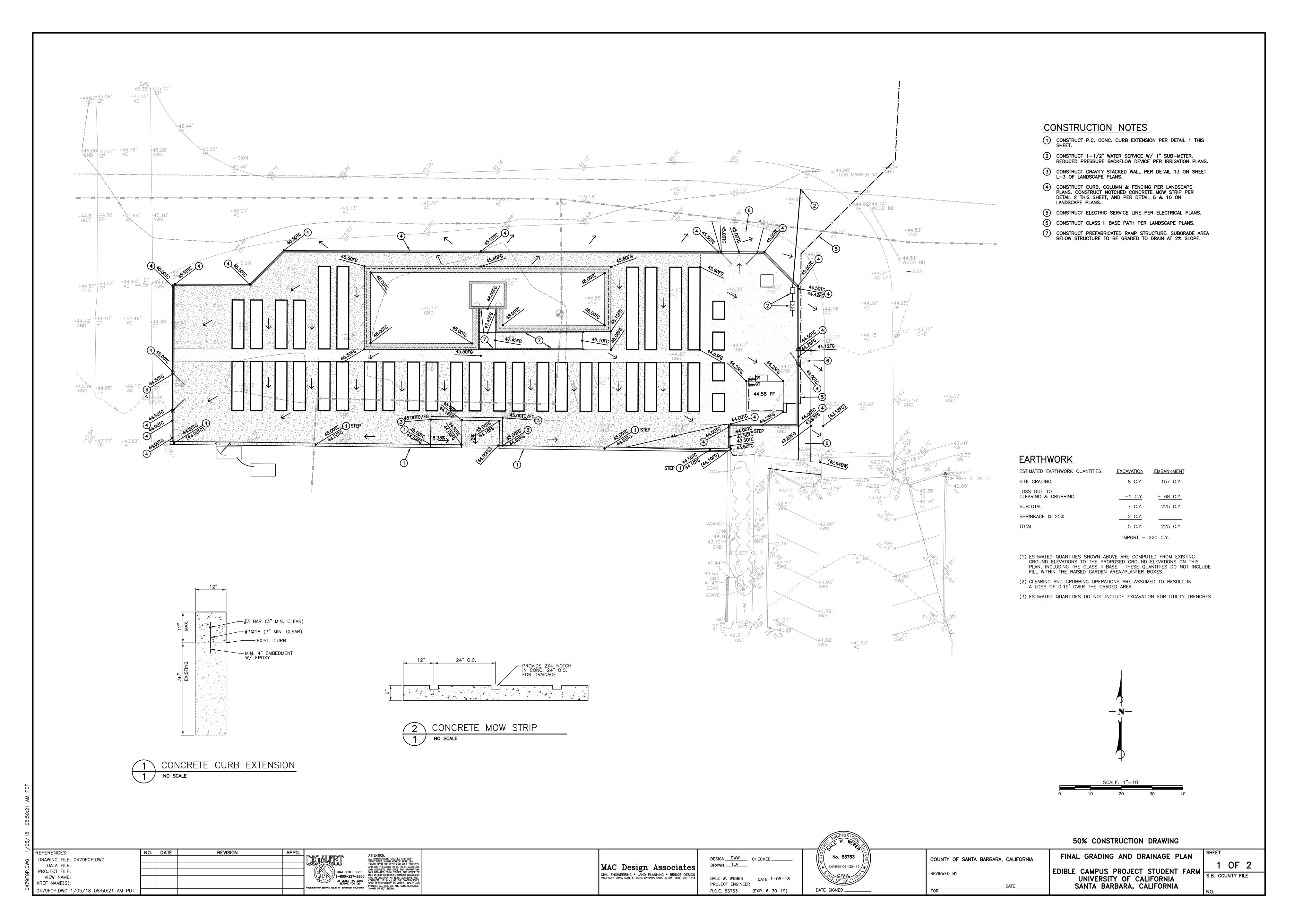
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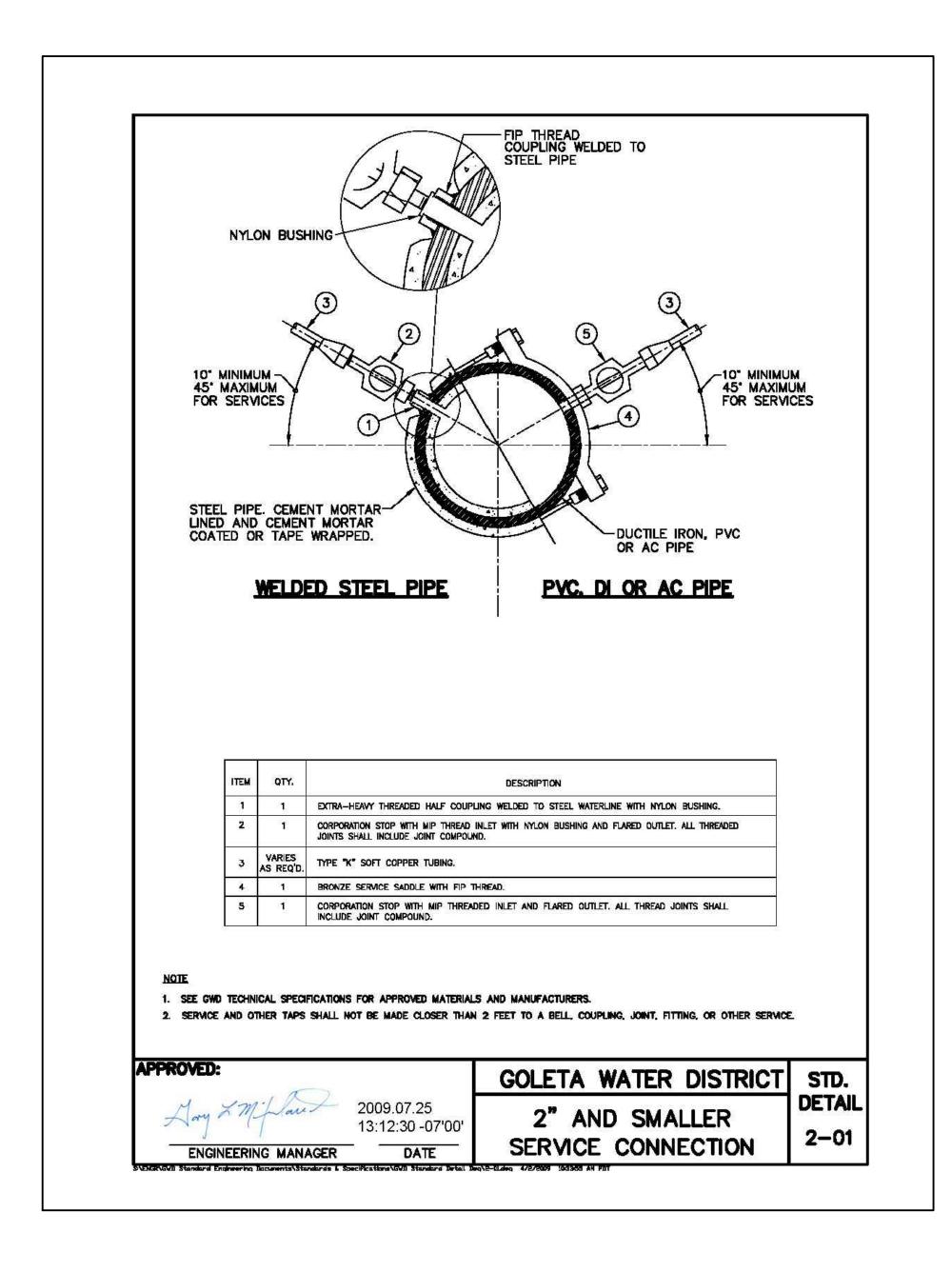
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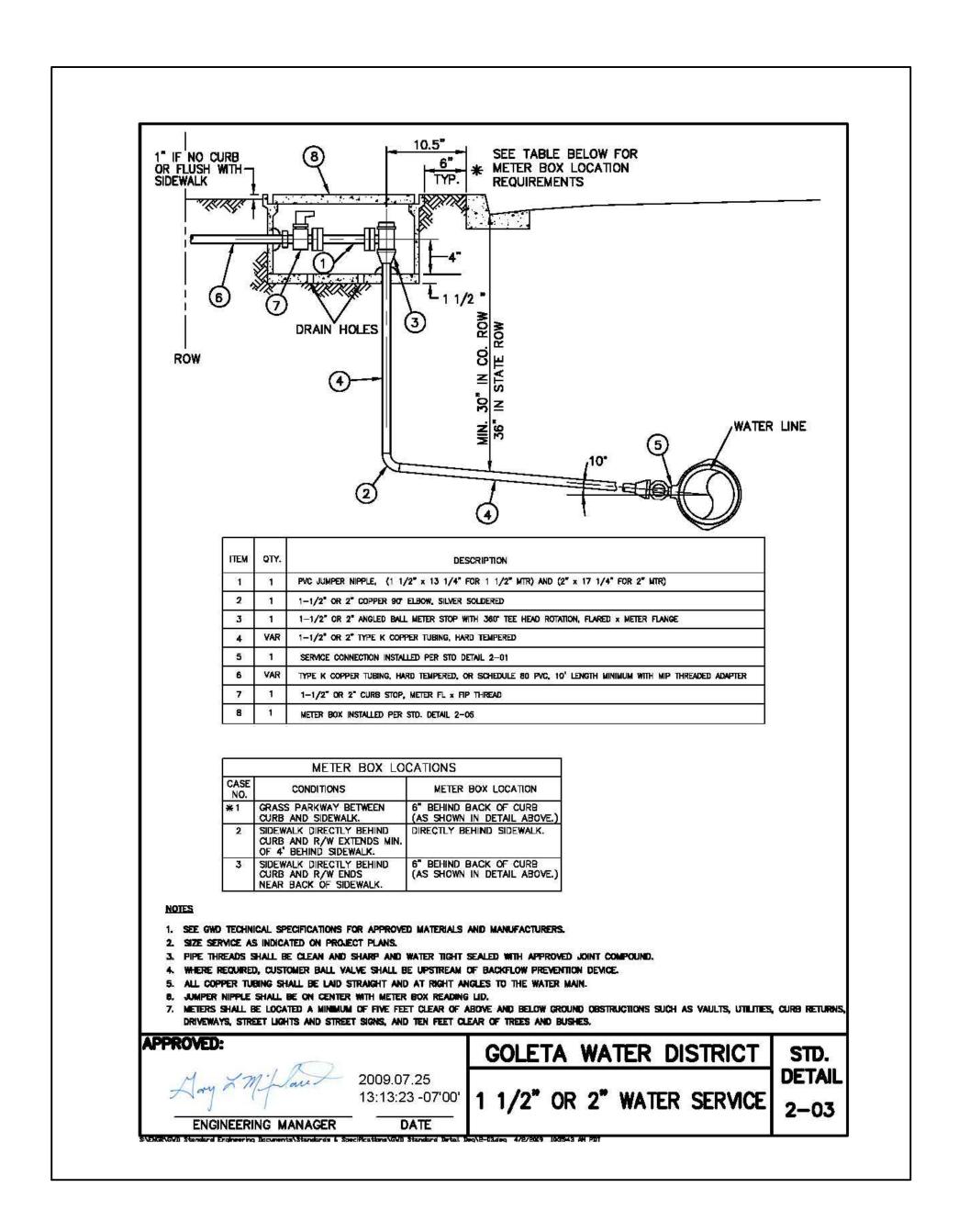
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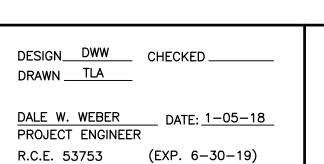
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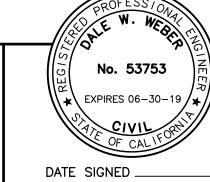
REVISION



MAC Design Associates

CIVIL ENGINEERING * LAND PLANNING * BRIDGE DESIGN 1933 CLIFF DRIVE, SUITE 6, SANTA BARBARA, CALIF. 93109 (805) 957-4748





COUNTY	OF	SANTA	BARBARA,	CALIFORNIA	
REVIEWED	BY:				•
				DATE	

SHEET **DETAILS** 2 OF 2 EDIBLE CAMPUS PROJECT STUDENT FARM UNIVERSITY OF CALIFORNIA SANTA BARBARA, CALIFORNIA S.B. COUNTY FILE

50% CONSTRUCTION DRAWING

