

CONTACT LIST

OWNER

SANTA BARBARA COUNTY WATER AGENCY
130 EAST VICTORIA STREET, SUITE 200
SANTA BARBARA, CALIFORNIA 93101
P: 805.280.2012
C: KALANI DURHAM

LANDSCAPE ARCHITECT

PLEINAIRE DESIGN GROUP
3203 LIGHTNING STREET, SUITE 201
SANTA MARIA, CALIFORNIA 93455
P: 805.349.9695
C: KEVIN J. SMALL

PUBLIC AGENCIES

COUNTY OF SANTA BARBARA

SANTA BARBARA COUNTY WATER AGENCY
130 EAST VICTORIA STREET, SUITE 200
SANTA BARBARA, CALIFORNIA 93101
P: 805.280.2012
C: KALANI DURHAM

GENERAL NOTES

1. PRIOR TO START OF CONSTRUCTION CONTRACTOR IS REQUIRED TO MEET ON SITE WITH LANDSCAPE ARCHITECT AND PROJECT OWNER.
2. PRIOR TO ANY EXCAVATION CONTRACTOR IS REQUIRED TO CONTACT UNDERGROUND SERVICE, 1.800.422.4133.
3. THE CONTRACTOR IS REQUIRED TO PURCHASE ALL LANDSCAPE & IRRIGATION MATERIAL NECESSARY TO COMPLETE THE PROJECT PER PLANS AND SPECIFICATIONS AND PROVIDE THE COUNTY WITH APPROPRIATE LIEN RELEASES.
3. THE LANDSCAPE ARCHITECT SHALL REVIEW AND APPROVE ALL PLANT MATERIAL UPON DELIVERY AND THE LOCATION OF ALL PLANT MATERIAL PRIOR TO INSTALLATION.
4. THE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT AT LEAST THREE (3) DAYS PRIOR TO ALL REQUIRED OBSERVATIONS BY LANDSCAPE ARCHITECT.
5. IF THERE IS A CONFLICT WITH LAYOUT IN THE FIELD, NOTIFY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
6. EXISTING BACKFLOW DEVICE MUST BE LOCATED IN A SHRUBBERY AREA AND ADEQUATELY SCREENED FROM VIEW PER COUNTY OF SANTA BARBARA REQUIREMENTS AND CERTIFIED FOR OPERABILITY.
7. PROVIDE AND INSTALL ALL PLANTING AND IRRIGATION IN CONFORMANCE WITH THE COUNTY OF SANTA BARBARA LANDSCAPE STANDARDS. IN THE EVENT OF CONFLICT BETWEEN NOTES OR DETAILS ON THESE DOCUMENTS, THE STANDARDS SHALL TAKE PRECEDENCE.
8. THE WRITTEN SPECIFICATIONS ARE AN INTEGRAL PART OF THIS PROJECT. CONTRACTOR IS TO REFER TO THE WRITTEN SPECIFICATION FOR SPECIFICS OF CONSTRUCTION.
9. POINT OF CONNECTION FOR WATER SUPPLY SHALL BE AN EXISTING LANDSCAPE WATER METER.
10. CONTRACTOR SHALL PROVIDE COMPLETE SUBMITTAL DOCUMENTS FOR REVIEW AND APPROVAL 30 DAYS PRIOR TO BEGINNING WORK.
11. CONTRACTOR IS TO HAVE TORO REPRESENTATIVE SIGN OFF IRRIGATION PRIOR TO THE CLOSE OUT DOCUMENTS.

SPECIAL INSPECTIONS

SPECIAL INSPECTIONS REQUIRED FOR CERTIFICATION OF COMPLIANCE WITH LOCAL MWELO CODE

1. SOILS TEST AMENDMENT RECOMMENDATIONS
2. MAINLINE INSTALLATION AND PRESSURE TEST
3. IRRIGATION OPERATION PRIOR TO PLANTING AND BARK COVERAGE
4. PLANT APPROVAL
5. PLANT PLACEMENT
6. COMPLETION PUNCH LIST
7. CLOSE OUT DOCUMENTS

FAILURE TO REQUEST THE REQUIRED INSPECTIONS SHALL CAUSE THE CONTRACTOR TO ASSUME ALL LIABILITY FOR CORRECTIONS, REPLACEMENTS AND RETROFITS TO BRING THE LANDSCAPE INSTALLATION INTO COMPLIANCE WITH THE ORIGINAL DESIGN AND SPECIFICATIONS; AND RESPONSIBILITY FOR ANY FINES LEVIED DUE TO NON-COMPLIANCE WITH STATE LAW.

MWELO COMPLIANCE

I HAVE COMPLIED WITH THE CRITERIA OF THE 2015 UPDATE TO THE STATE DEPARTMENT OF WATER RESOURCES MODEL WATER EFFICIENT LANDSCAPE ORDINANCE, INCLUDING INCORPORATING RECOMMENDATIONS OF THE SOIL ANALYSIS REPORT, AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.


DESIGNER SIGNATURE

2021.03.04
DATE

LANDSCAPE AREA: 12,119 SQ. FT.

REVISION DATES

REV.	DATE	BY	APPROVED	COMMENTS
5	2021.01.05	A.O.	K.S.	CLIENT COMMENTS
4	2020.10.05	A.O.	K.S.	CLIENT COMMENTS
3	2020.02.11	A.O.	K.S.	CLIENT COMMENTS
2	2019.10.25	A.O.	K.S.	CLIENT COMMENTS

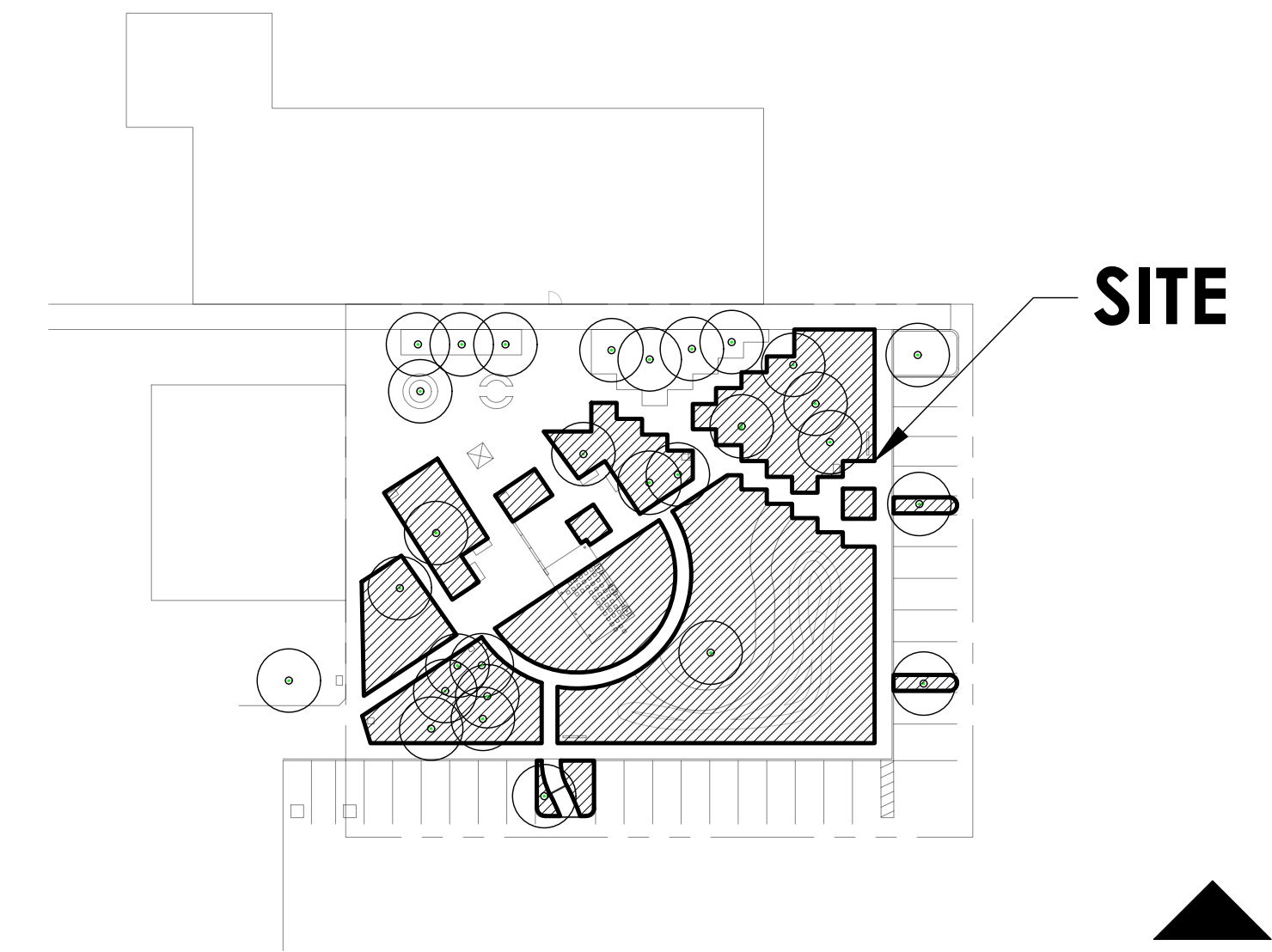
SANTA MARIA VALLEY SUSTAINABLE GARDEN

COUNTY OF SANTA BARBARA GOVERNMENT CENTER

624 WEST FOSTER ROAD
SANTA MARIA, CALIFORNIA 93455

LANDSCAPE & IRRIGATION RENOVATION PLANS

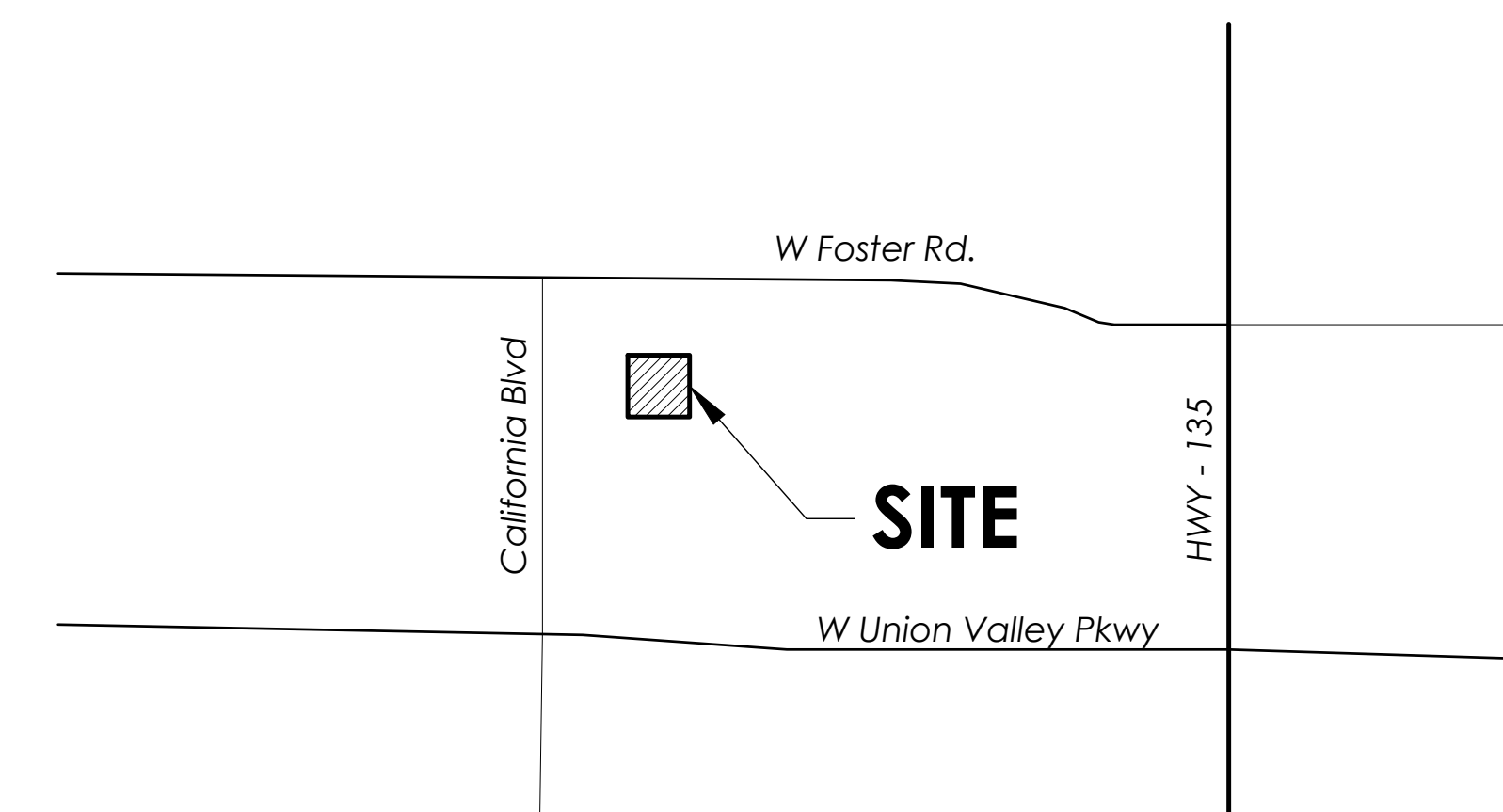
SITE MAP



SITE

NORTH
N.T.S.

LOCATION MAP



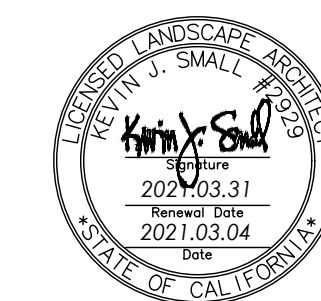
SITE

NORTH
N.T.S.

SHEET LEGEND

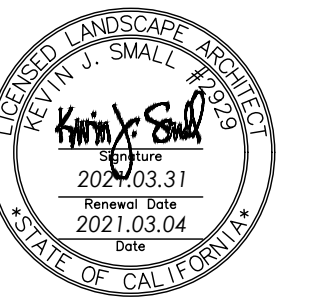
L-0.0	COVER SHEET
L-1.0	EXISTING CONDITIONS
L-1.1	DEMOLITION LANDSCAPE PLAN
L-1.2	TREE INVENTORY PLAN
L-2.0	CONSTRUCTION MASTER PLAN
L-2.1	CONSTRUCTION DETAILS - A
L-2.2	CONSTRUCTION DETAILS - B
L-2.3	CONSTRUCTION DETAILS - C
L-3.0	IRRIGATION PLAN
L-3.1	IRRIGATION DETAILS
L-3.2	IRRIGATION DETAILS & NOTES
L-4.0	PLANTING PLAN
L-4.1	PLANTING NOTES
L-4.2	PLANTING DETAILS
L-5.0	IRRIGATION SPECIFICATIONS
L-5.1	PLANTING SPECIFICATIONS
L-5.2	MAINTENANCE SPECIFICATIONS

L-0.0



PLEINAIRE
DESIGN GROUP

THE DRAWING, DESIGN IDEAS, AND FEATURES OF CONSTRUCTION, DEPICTED WITHIN THE DRAWINGS ARE THE EXCLUSIVE PROPERTY OF KEVIN J. SMALL LANDSCAPE ARCHITECT. THEY ARE NOT TO BE REPRODUCED, COPIED, SOLD, OR USED FOR ANY OTHER PURPOSE WITHOUT THE EXPRESSED WRITTEN CONSENT OF KEVIN J. SMALL.
PLA 2929. © 2019 KEVIN J. SMALL



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SANTA MARIA VALLEY SUSTAINABLE GARDEN

624 WEST FOSTER ROAD // SANTA MARIA, CALIFORNIA 93455

REVISION	DATE	DESCRIPTION
1	2019.01.10	CLIENT COMMENTS
2	2019.10.25	CLIENT COMMENTS
3	2020.02.11	CLIENT COMMENTS
4	2020.10.05	CLIENT COMMENTS
5	2021.01.05	CLIENT COMMENTS

EXISTING CONDITIONS

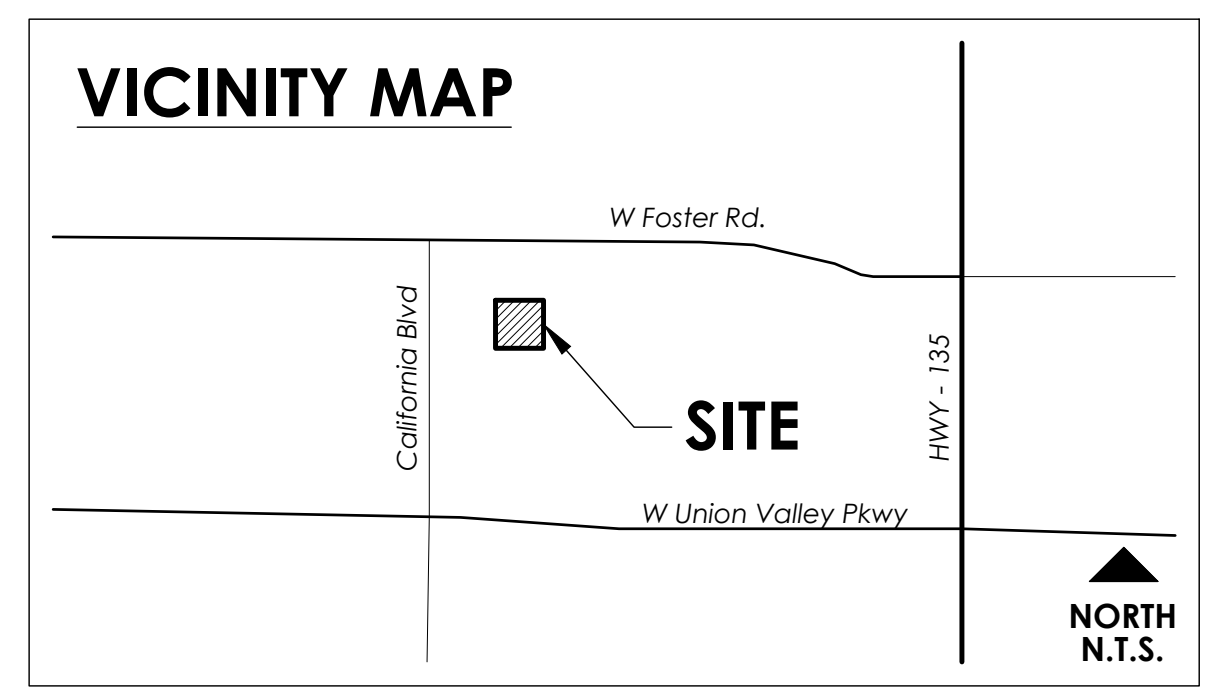
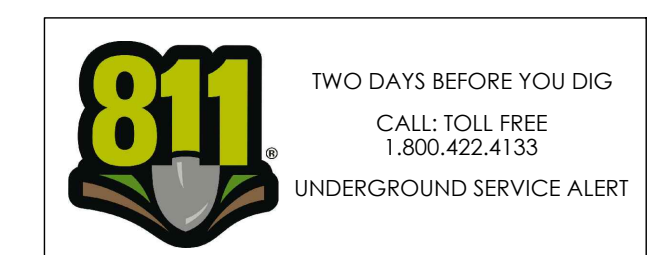
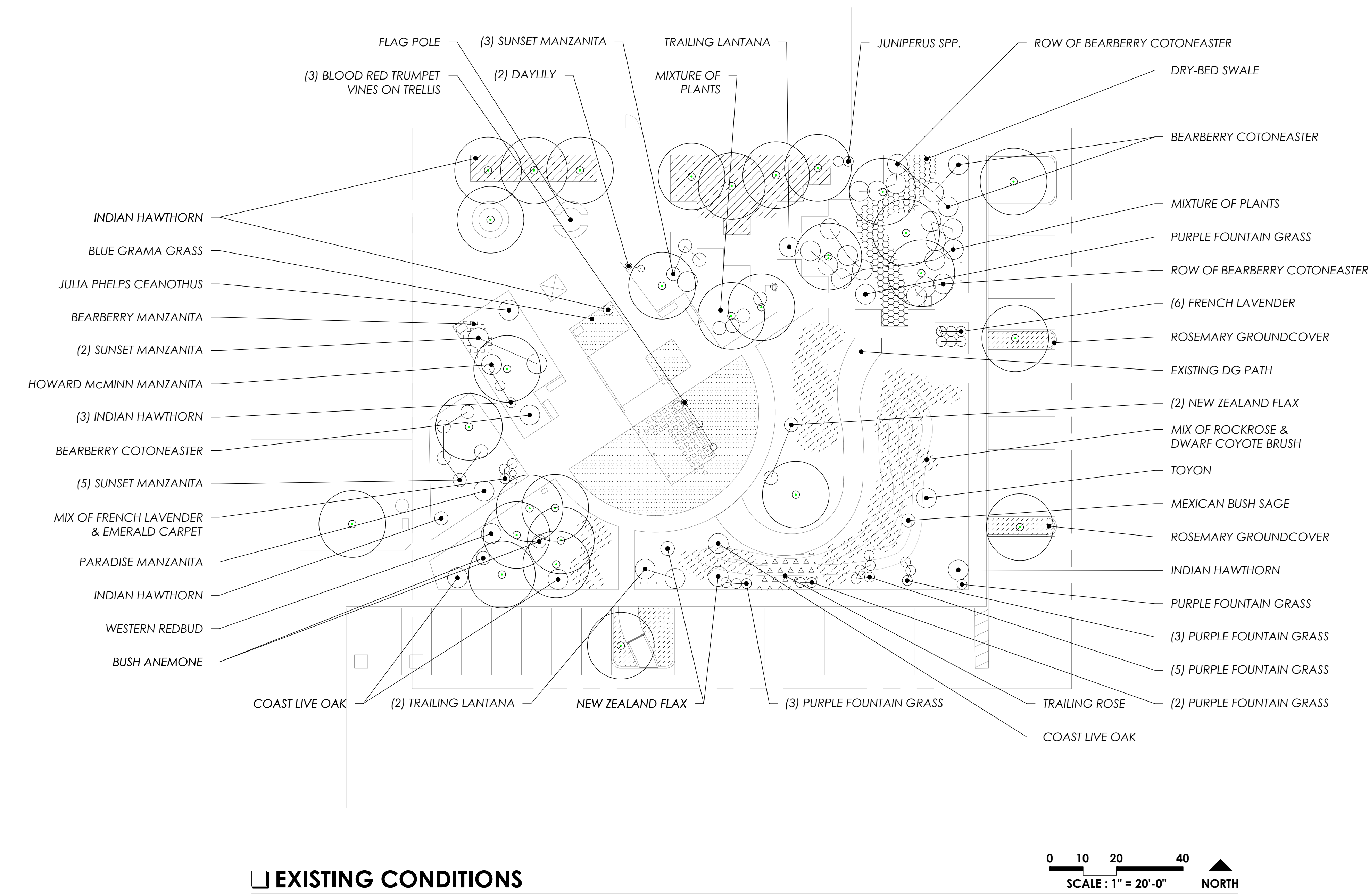
OWNER Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101
T: 805.568.3440

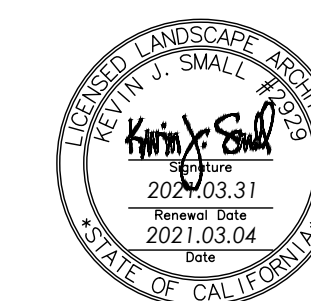
DATE 2021.03.04

PROJECT NO. 21913

SHEET NO.

L-1.0

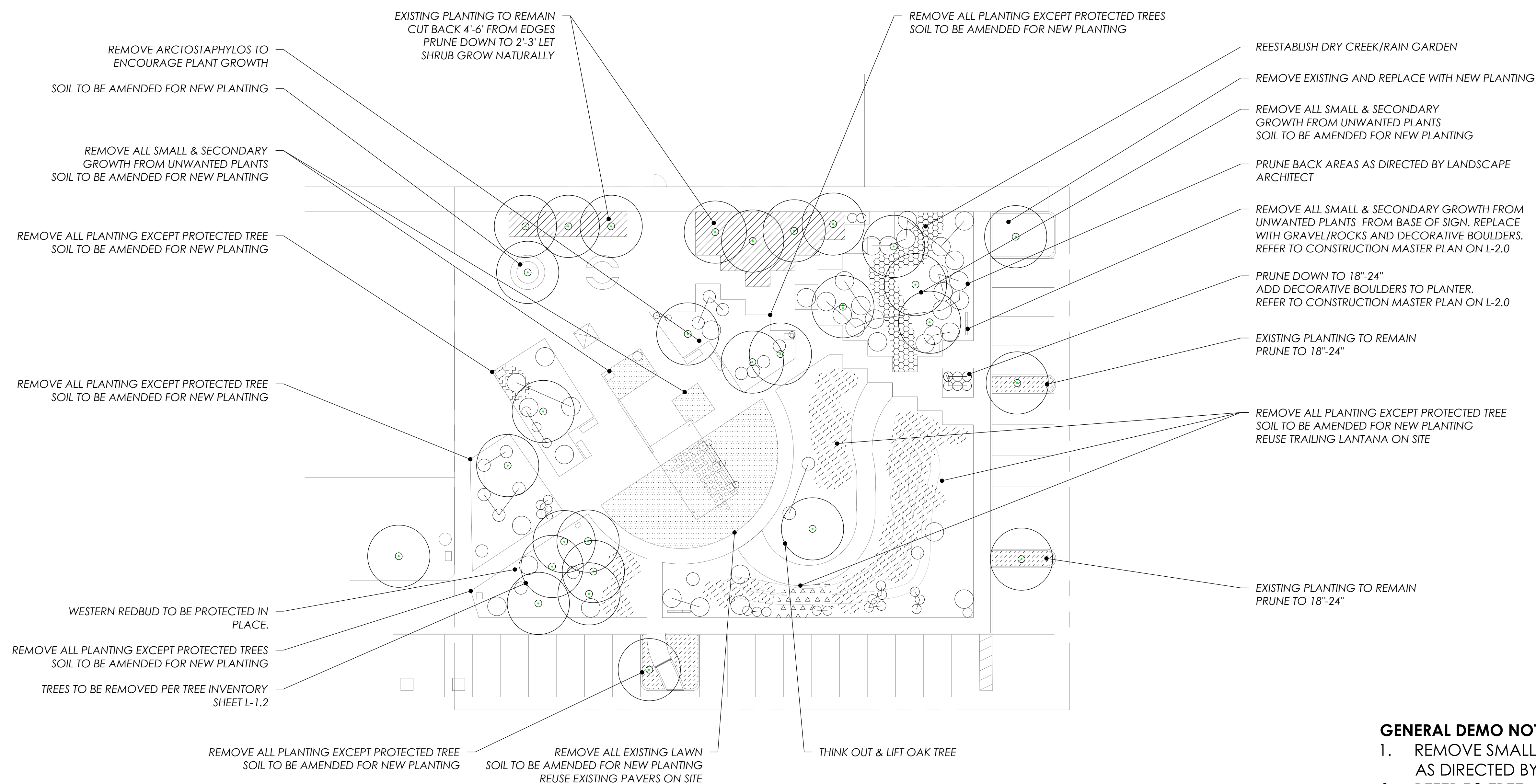




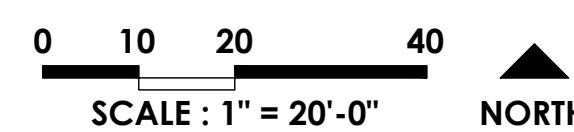
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SANTA MARIA VALLEY SUSTAINABLE GARDEN

624 WEST FOSTER ROAD // SANTA MARIA, CALIFORNIA 93455

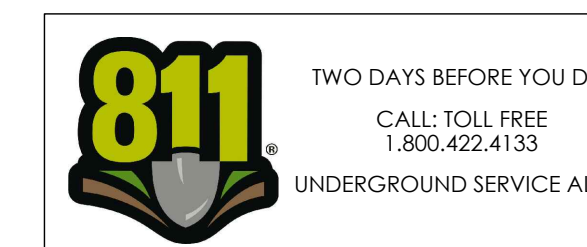


DEMOLITION PLAN

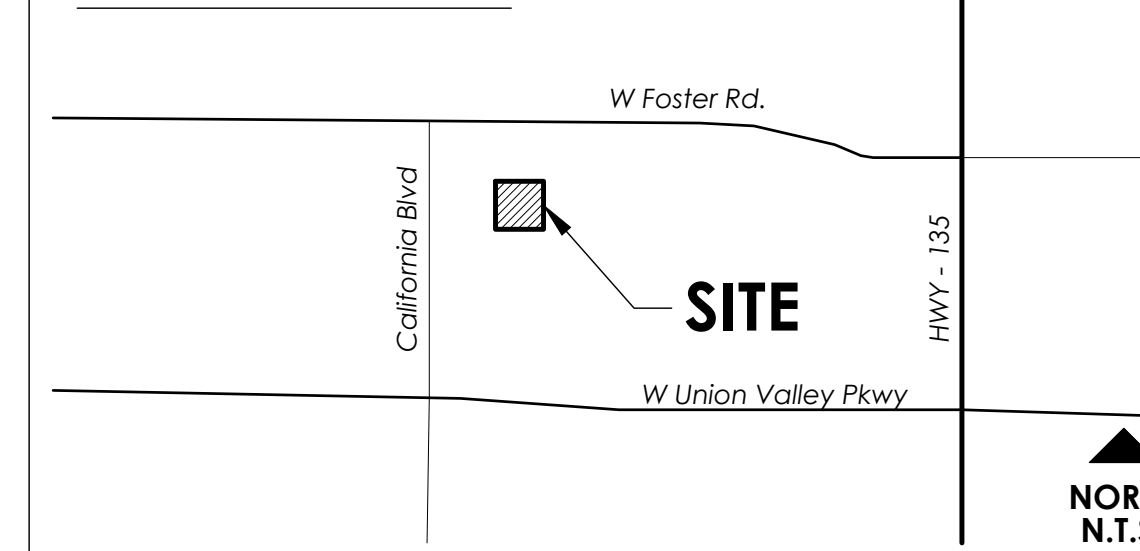


GENERAL DEMO NOTES:

1. REMOVE SMALL & SECONDARY PLANTING AS DIRECTED BY LANDSCAPE ARCHITECT.
2. REFER TO TREE INVENTORY FOR TREE PROTECTION INFORMATION.
3. LANDSCAPE ARCHITECT SHALL BE ON-SITE TO OVERSEE PRUNING & REMOVAL OF PLANTS.
4. NO TREE NOR SHRUB SHALL BE REMOVED OR PRUNED UNLESS OTHERWISE INSTRUCTED BY PROJECT LANDSCAPE ARCHITECT.
5. REMOVE ALL EXISTING GARDEN SIGNAGE AND DISPOSE OF PROPERLY



VICINITY MAP



REVISION	DATE	DESCRIPTION
1	2019.01.10	CLIENT COMMENTS
2	2019.10.25	CLIENT COMMENTS
3	2020.02.11	CLIENT COMMENTS
4	2020.10.05	CLIENT COMMENTS
5	2021.01.05	CLIENT COMMENTS

SHEET TITLE

DEMO LANDSCAPE PLAN

OWNER Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101
T: 805.568.3440

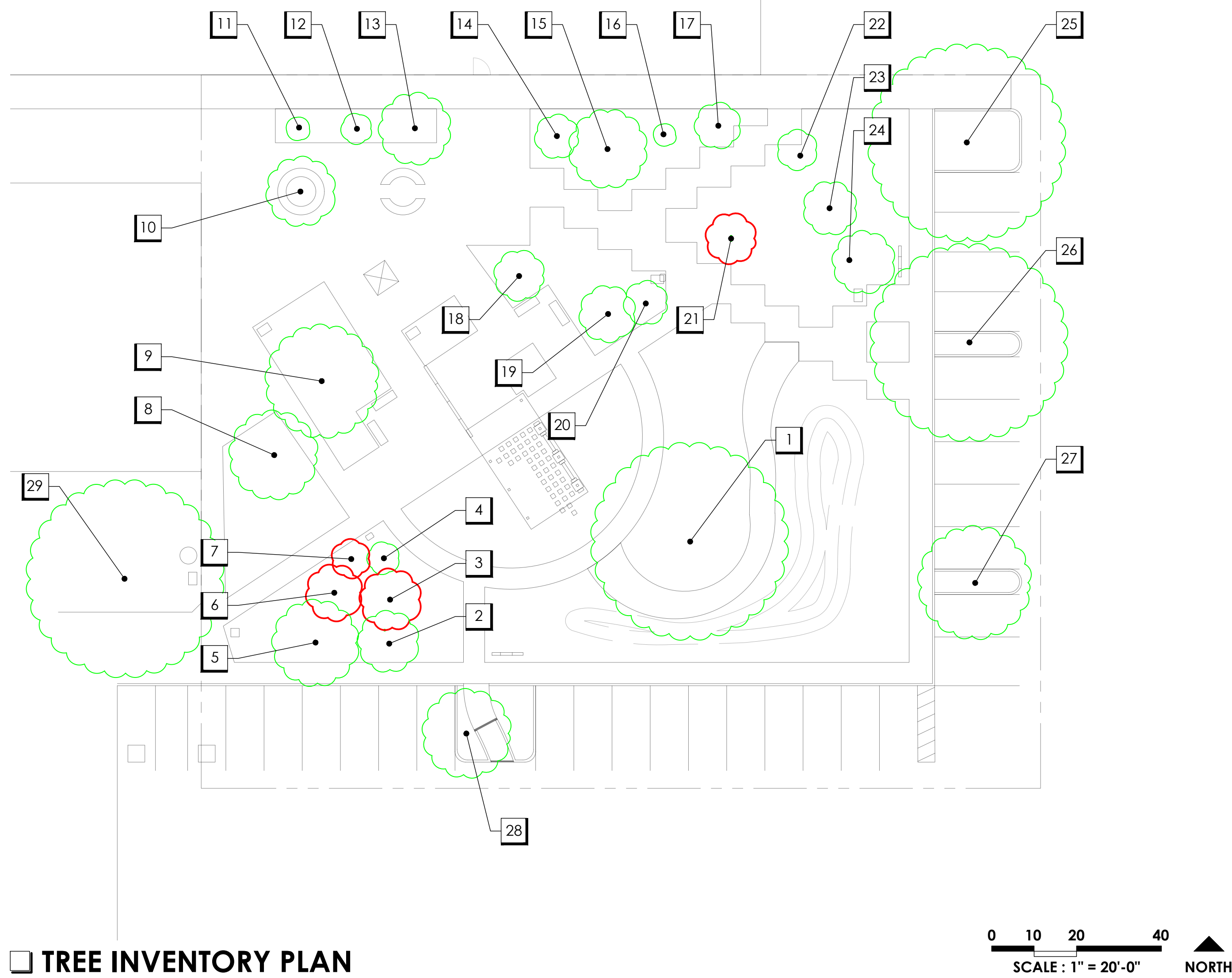
DATE 2021.03.04

PROJECT NO. 21913

SHEET NO.

L-1.1





TREE INVENTORY PLAN

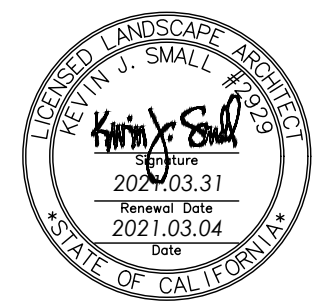
TREE SURVEY

Client: SM Sustainable Garden

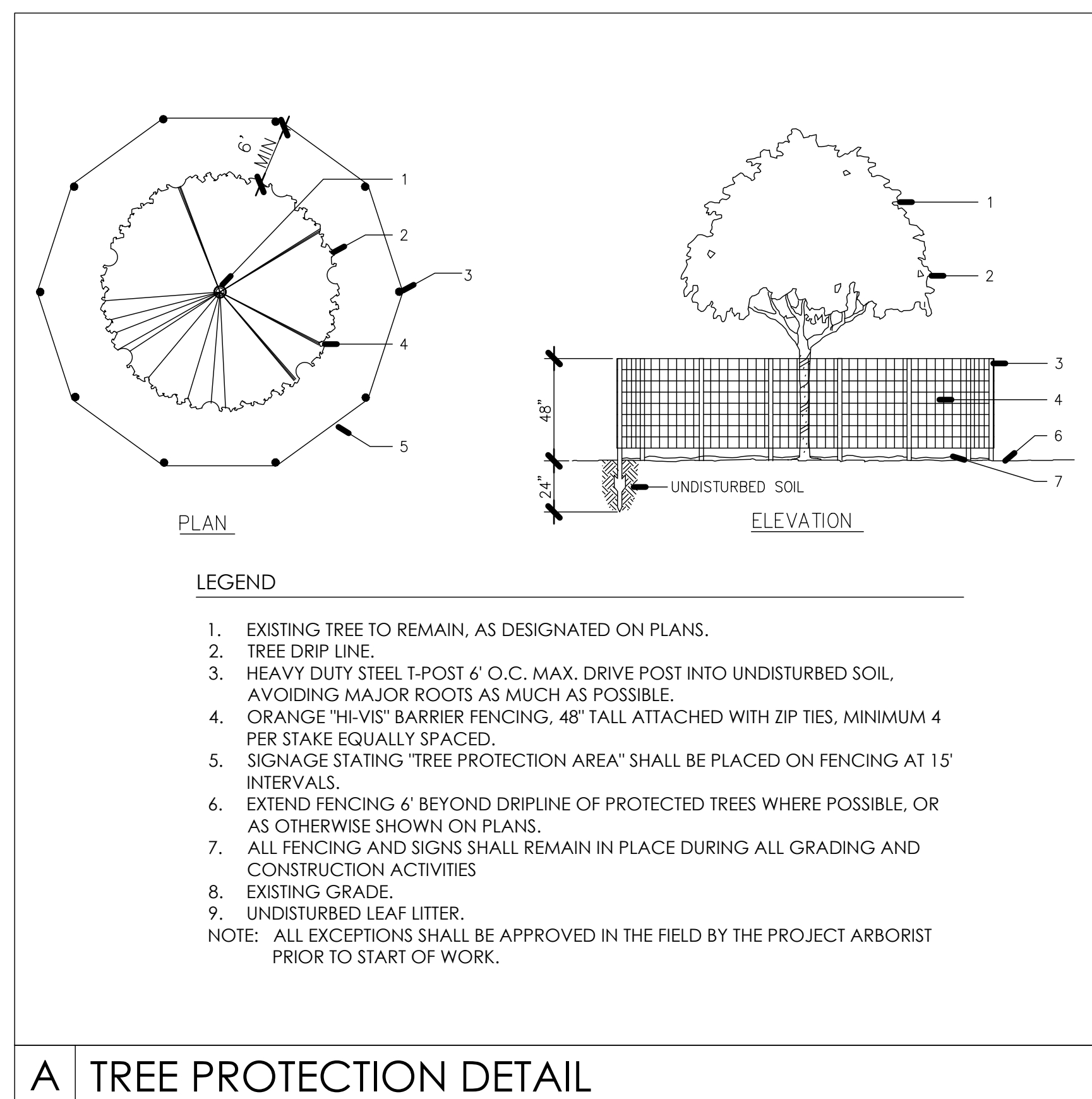
Date: 21-Aug-19

- [1] Remain
- [2] Remove
- [3] Prune
- [4] Dead
- [5] Replace

Tree #	Species	Common Name	DBH	Disposition	Notes
1	Quercus agrifolia	Coast Live Oak	27	1	
2	Quercus agrifolia	Coast Live Oak	7	1	
3	Quercus agrifolia	Coast Live Oak	5	2	REMOVE TO ENCOURAGE GROWTH OF REMAINING TREES
4	Quercus agrifolia	Coast Live Oak	3	1	MULTI-TRUNK
5	Quercus agrifolia	Coast Live Oak	9	1	
6	Quercus agrifolia	Coast Live Oak	6	2	REMOVE TO ENCOURAGE GROWTH OF REMAINING TREES
7	Quercus agrifolia	Coast Live Oak	6	2	REMOVE TO ENCOURAGE GROWTH OF REMAINING TREES
8	Arbutus unedo	Strawberry Tree	13	1	
9	Arbutus unedo	Strawberry Tree	17	1	
10	Schinus molle	Pepper Tree	11	1	
11	Pinus spp.		7	1	
12	Pinus spp.		4	1	
13	Olea europaea	Olive	9	1	
14	Pinus spp.		6	1	
15	Pinus spp.		10	1	MULTI-TRUNK
16	Pinus spp.		4	1	
17	Cotoneaster Dammeri	Bearberry Cotoneaster	3	1	
18	Geijera parviflora	Australian Willow	8	1	
19	Geijera parviflora	Australian Willow	6	1	
20	Leptospermum scoparium	New Zealand Tea Tree	5	1	MULTI-TRUNK
21	Pinus spp.		7	2	MULTI-TRUNK
22	Quercus agrifolia	Coast Live Oak	4	1	
23	Pinus spp.		12	1	
24	Pinus spp.		12	1	
25	Platanus racemosa	California Sycamore	38	1	
26	Platanus racemosa	California Sycamore	40	1	
27	Platanus racemosa	California Sycamore	9	1	
28	Platanus racemosa	California Sycamore	10	1	
29	Platanus racemosa	California Sycamore	40	1	



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A TREE PROTECTION DETAIL

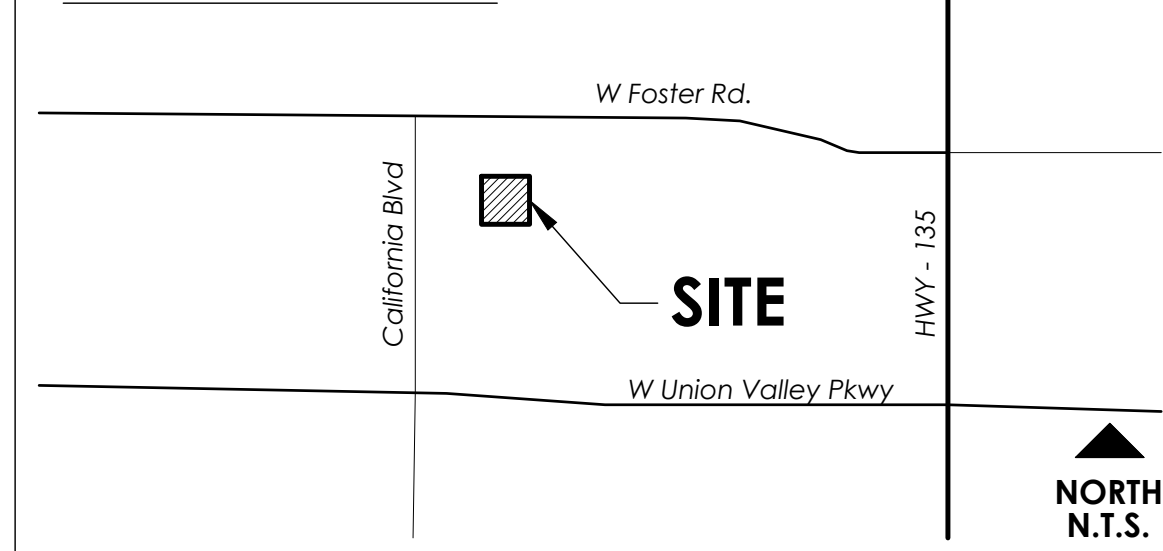
TREE PROTECTION NOTES

- PRIOR TO PRE-CONSTRUCTION MEETING, BEGINNING OF GRADING, AND DURING ALL GROUND DISTURBANCE AND CONSTRUCTION ACTIVITIES, TEMPORARY ORANGE PLASTIC FENCING SHALL BE INSTALLED PER DETAIL AT ALL TREES IN ORDER TO CONTROL ACCESS AND DELINEATE AREAS OF NON-DISTURBANCE. FINAL LOCATION OF FENCING TO BE DETERMINED IN FIELD BY PROJECT ARBORIST.
- ANY NECESSARY PRUNING SHALL BE IN ACCORDANCE TO THE MOST CURRENT INTERNATIONAL SOCIETY OF ARBORICULTURE PRUNING STANDARDS UNDER THE SUPERVISION OF PROJECT ARBORIST.
- PRIOR TO BEGINNING WORK OR ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT (800) 442-4133.
- REMOVAL OF WEEDS WITHIN THE DRIP LINE OF THE TREES SHALL BE DONE BY HAND OR BY USE OF A CONTACT HERBICIDE ONLY.
- NO CONSTRUCTION, STORAGE OF MATERIALS, AND/OR PARKING OF VEHICLES SHALL BE PERMITTED WITHIN THE DRIP LINE OF EXISTING TREES.
- NO GRADING SHALL OCCUR WITHIN THE DRIP LINE OF EXISTING TREES EXCEPT AS REQUIRED WITHIN DESIGNATED AREA OF ENCROACHMENT AND UNDER THE SUPERVISION OF THE PROJECT ARBORIST.
- IF UTILITY INSTALLATION MUST OCCUR WITHIN THE DRIP LINE OF ANY OF EXISTING TREES, THEN THE FOLLOWING PRECAUTIONS MUST BE OBSERVE AND PERFORMED UNDER THE SUPERVISION OF THE PROJECT ARBORIST:
 - WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, THE CONTRACTOR SHALL USE ALL POSSIBLE CARE TO AVOID INJURY TO TREES AND TREE ROOTS.
 - EXCAVATION IN THESE AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR SHALL BE DONE BY HAND.
 - ALL ROOTS LESS THAN TWO (2) INCHES IN DIAMETER, DIRECTLY IN THE PATH OF THE PIPE OR CONDUIT, SHALL BE CLEANLY CUT UNDER THE DIRECTION OF AN APPROVED ARBORIST.
 - ALL ROOTS TWO (2) INCHES AND LARGER IN DIAMETER, EXCEPT DIRECTLY IN THE PATH OF PIPE OR CONDUIT, SHALL BE TUNNELED UNDER AND SHALL BE HEAVILY WRAPPED WITH BURLAP TO PREVENT SCARRING OR EXCESSIVE DRYING.
 - ROOTS ONE (1) INCH AND LARGER IN DIAMETER REQUIRING CUTTING SHALL BE PAINTED WITH TWO COATS OF TREE SEAL OR EQUAL.
 - WHERE A DITCHING MACHINE IS RUN CLOSE TO TREES HAVING ROOTS SMALLER THAN TWO (2) INCHES IN DIAMETER, THE WALL OF THE TRENCH ADJACENT TO TREES SHALL BE HAND TRIMMED, MAKING CLEAN CUTS THROUGH.
 - TRENCHES ADJACENT TO TREES SHOULD BE CLOSED WITHIN TWENTY FOUR (24) HOURS AND WHERE NOT POSSIBLE, THE SIDE OF THE TRENCH ADJACENT TO THE TREES SHALL BE KEPT SHADED WITH BURLAP OR CANVAS.
- ANY DISCREPANCIES AND/ OR QUESTIONS THAT MAY ARISE ON SITE REGARDING EXISTING TREES SHALL BE REFEREED TO THE PROJECT ARBORIST.
- ALL EXISTING SHRUBBERY AND GROUNDCOVER SHALL BE REMOVED WHERE NECESSARY FOR CONSTRUCTION PURPOSES UNLESS OTHERWISE NOTED TO REMAIN.
- ALL DOWNED WOOD AND UPROOTED STUMPS SHALL BE REMOVED AS PART OF THE SITE CLEAN UP. CONTRACTOR SHALL LEAVE EXISTING LEAF MULCH IN PLACE AS MUCH AS POSSIBLE.
- TREES SHALL BE PROTECTED IN PLACE TO THE GREATEST EXTENT POSSIBLE. ALL TREES LOCATED WITHIN TWENTY FIVE (25) FEET OF PROPOSED BUILDINGS SHALL BE PROTECTED FROM STUCCO OR PAINT DURING CONSTRUCTION.
- ANY PRUNING TO BE SUPERVISED BY PROJECT ARBORIST.

TREE INVENTORY LEGEND

SYMBOL	NAME
	EXISTING TREE CANOPY
	EXISTING TREE CANOPY TO BE REMOVED
	TREE PROTECTIVE FENCING SEE TREE PROTECTION NOTES
	TREE TRUNK

VICINITY MAP



REVISION DATE

1	CLIENT COMMENTS	2019.01.10
2	CLIENT COMMENTS	2019.10.25
3	CLIENT COMMENTS	2020.02.11
4	CLIENT COMMENTS	2020.10.05
5	CLIENT COMMENTS	2021.01.05

SHEET TITLE

TREE INVENTORY PLAN

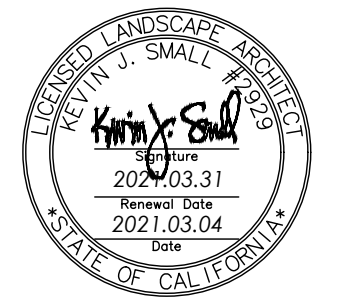
OWNER Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101
T: 805.568.3440

DATE 2021.03.04

PROJECT NO. 21913

SHEET NO.



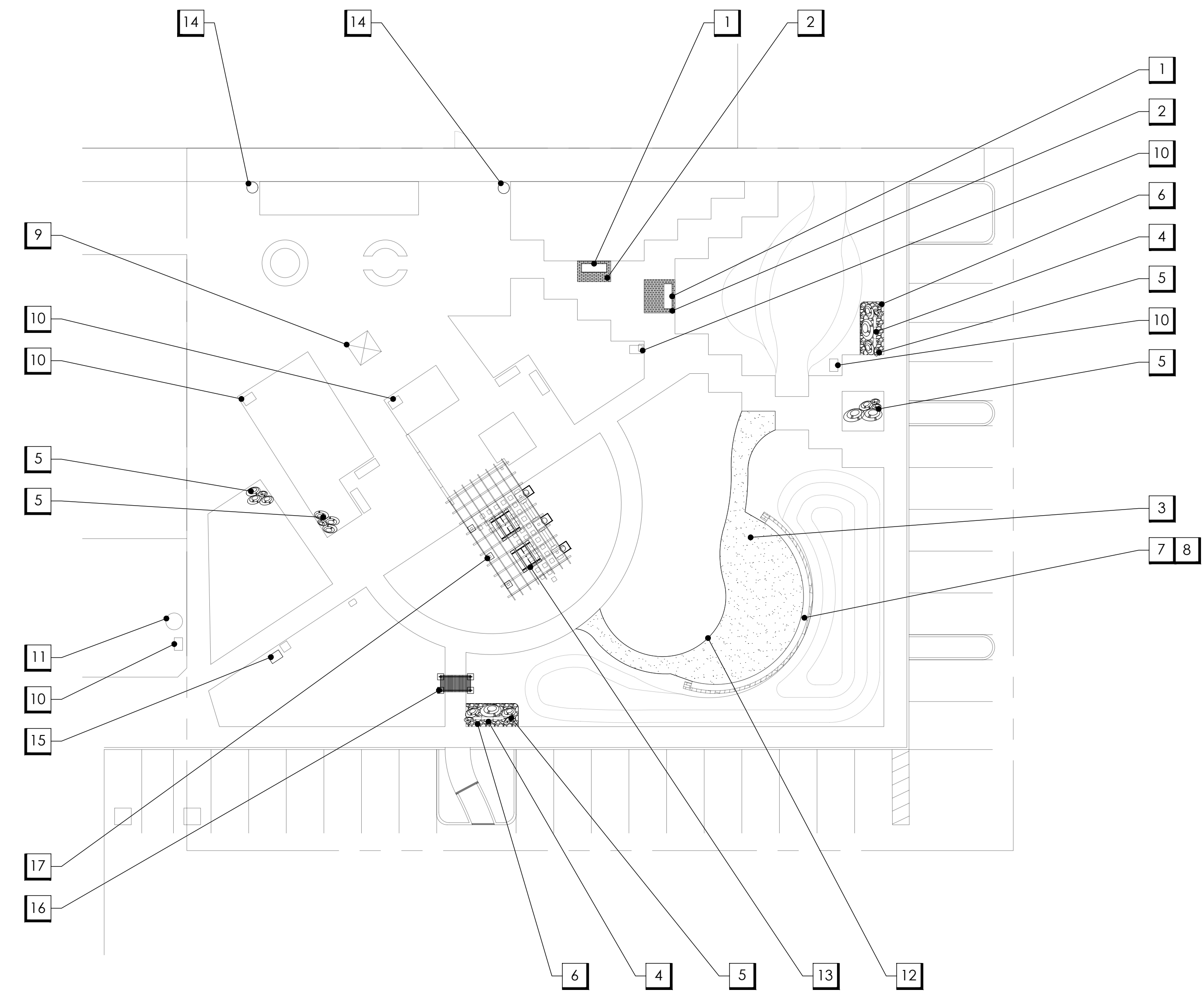


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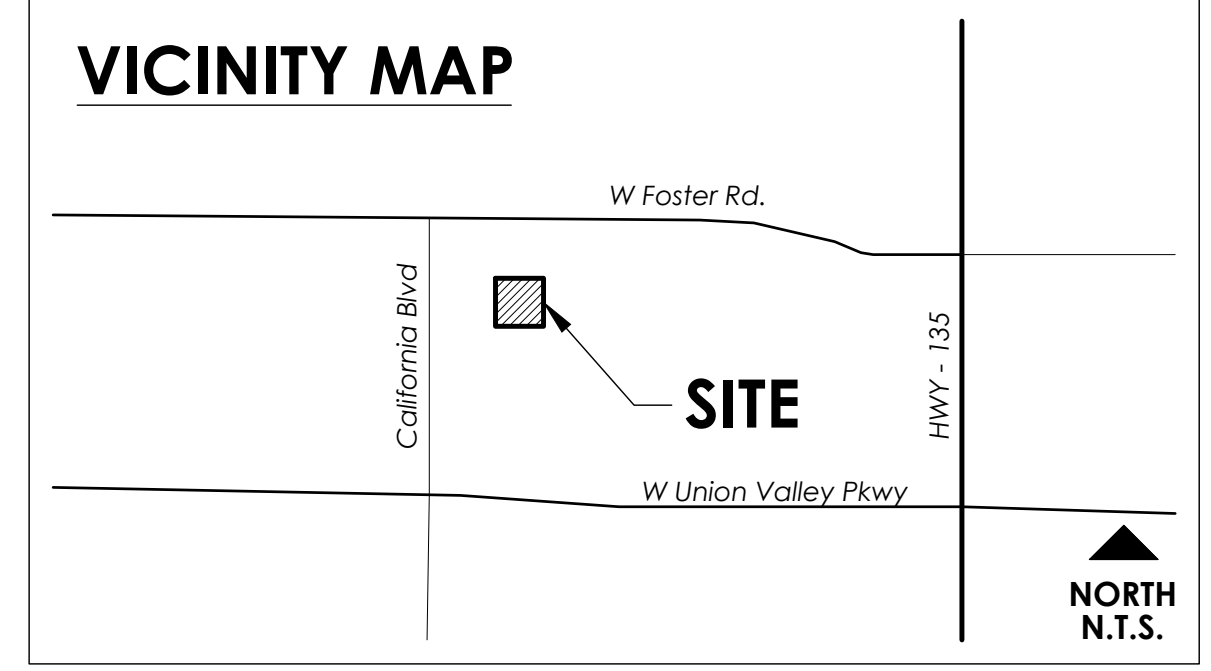
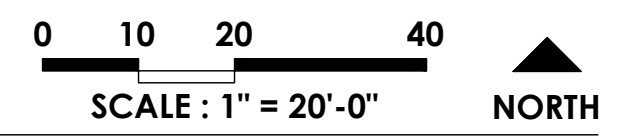
SANTA MARIA VALLEY SUSTAINABLE GARDEN
624 WEST FOSTER ROAD // SANTA MARIA, CALIFORNIA 93455

CONSTRUCTION LEGEND

KEY	ITEM	DESCRIPTION	DETAIL	QTY.
1	PROPOSED BENCH	BACKLESS BENCH - TO MATCH EXISTING BENCHES		2
2	DECORATIVE PAVERS	6" X 8" PERMEABLE ROMAN PAVERS - SANDSTONE COLOR - STANDARD SMOOTH PAVER TEXTURE AVAILABLE AT: AIRVOL BLOCK, INC. - 805-543-1314	B/L-2.1	99 SQ. FT.
3	DECOMPOSE GRANITE	3/8" FINE DC COLOR - BUFF AVAILABLE AT: BOURGET BROS. - 310.450.6556 x 221	C/L-2.1	904 SQ. FT.
4	DECORATIVE ENTRY SIGN EXISTING TO REMAIN			2
5	DECORATIVE BOULDERS	BOULDERS TO BE PROVIDED FROM EXISTING COUNTY INVENTORY, CALL KALANI DURHAM AT 805.280.2012 OR KDURHAM@COSBPW.NET	D/L-2.1	29
6	DECORATIVE STONE	2 - 3' IVORY SEASIDE BEACH PEBBLE OR SIMILAR AVAILABLE AT: COVERALL STONE - 800-779-3234		62 SQ. FT.
7	NEW DECORATIVE MEMORIAL PLAQUE	MEMORIAL BOULDER FOR DARCY ASTON PROTECT IN PLACE	A/L-2.1	1
8	SEAT WALL		A/L-2.1	63.5 LIN. FT.
9	KIOSK SIGN EXISTING TO REMAIN			1
10	SUSTAINABLE GARDEN SIGNAGE EXISTING TO BE REMOVED	EXISTING SIGNAGE SHALL BE REMOVED AND DISPOSED OF PROPERLY		5
11	EXISTING COMPOSTING BIN			1
12	STEEL HEADER		E/L-2.1	166 LIN. FT.
13	PICNIC TABLE	PRESTIGE SERIES 6 FOOT PICNIC TABLES WITHOUT BACK - PORTABLE . COLOR - SAND WWW.WABASHVALLEY.COM	F/L-2.1	2
14	EXISTING TRASH RECEPTACLES			2
15	EZ-FLO MAXX-PEST CONTROL	MAX-PEST CONTROL FOR GOPHER PROTECTION. REFER TO IRRIGATION PLANS L-3.0 - 3.2		1
16	BUTTERFLY TRELLIS WITH VINES	WOODEN TRELLIS WITH 2 VINES ON EACH SIDE. REFER TO PLANTING PLAN FOR VINE SPECIES.	L-2.2	1
17	REPLACEMENT TRELLIS WITH EXISTING VINES	EXISTING TRELLIS TO BE REPLACED IN KIND, NEW REPLACEMENT TRELLIS TO MATCH ALL DETAILS OF EXISTING TRELLIS	L-2.3	1



CONSTRUCTION MASTER PLAN



REVISION DATE

1	CLIENT COMMENTS	2019.01.10
2	CLIENT COMMENTS	2019.10.25
3	CLIENT COMMENTS	2020.02.11
4	CLIENT COMMENTS	2020.10.05
5	CLIENT COMMENTS	2021.01.05

SHEET TITLE
CONSTRUCTION MASTER PLAN

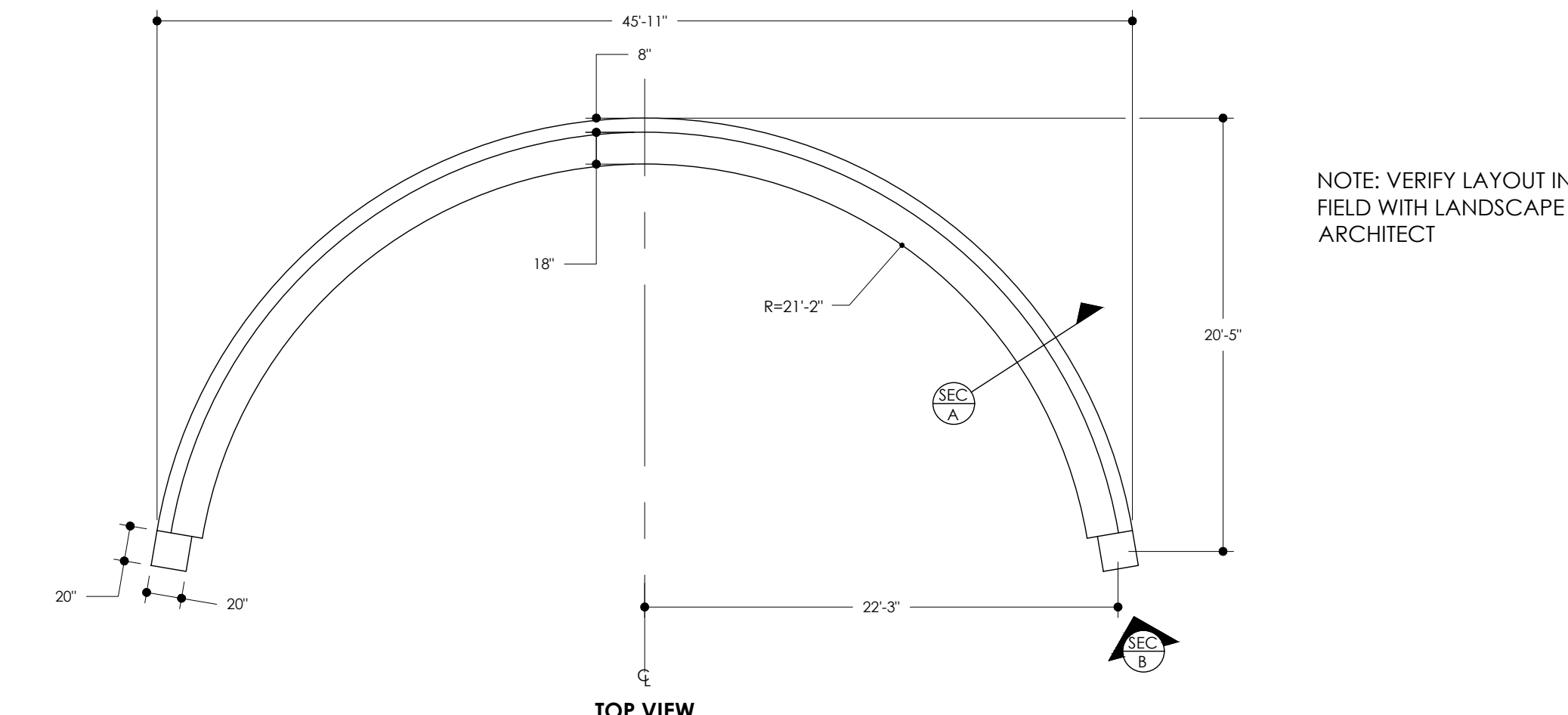
OWNER Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101
T: 805.568.3440

DATE 2021.03.04

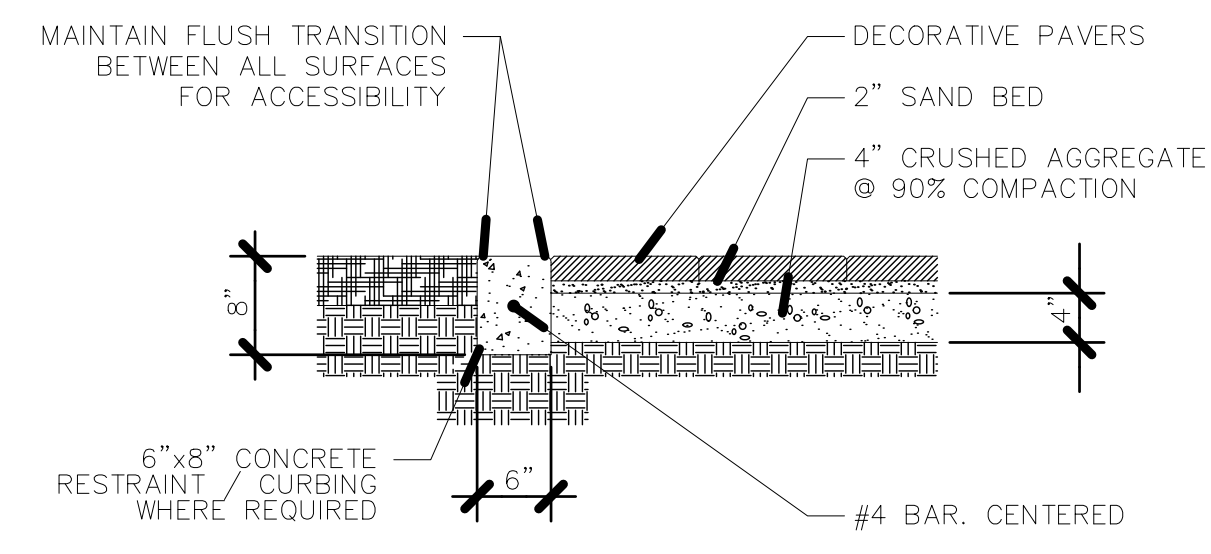
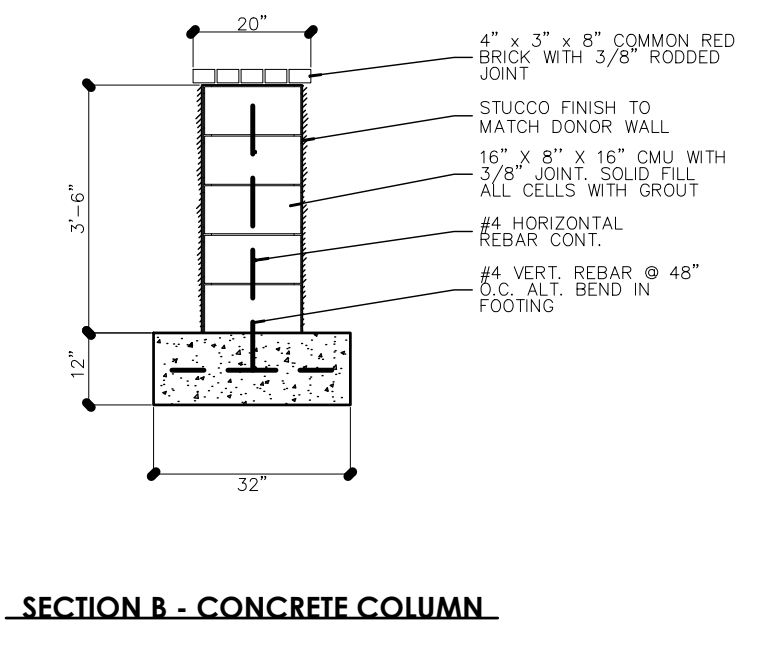
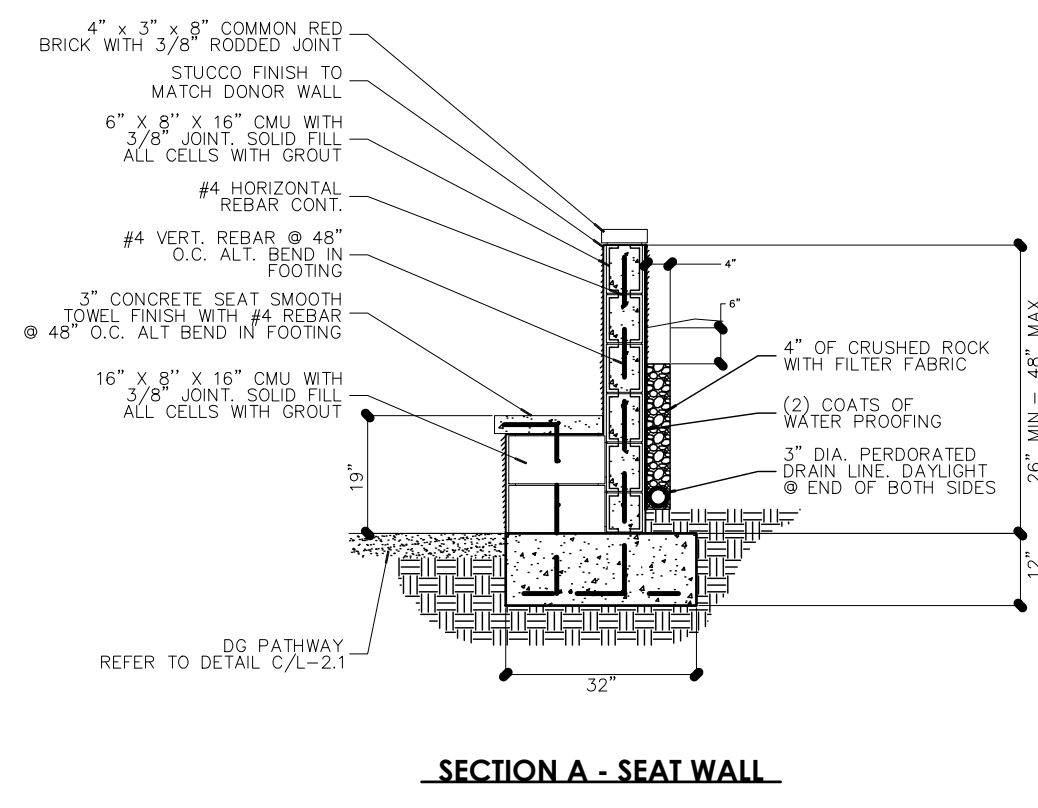
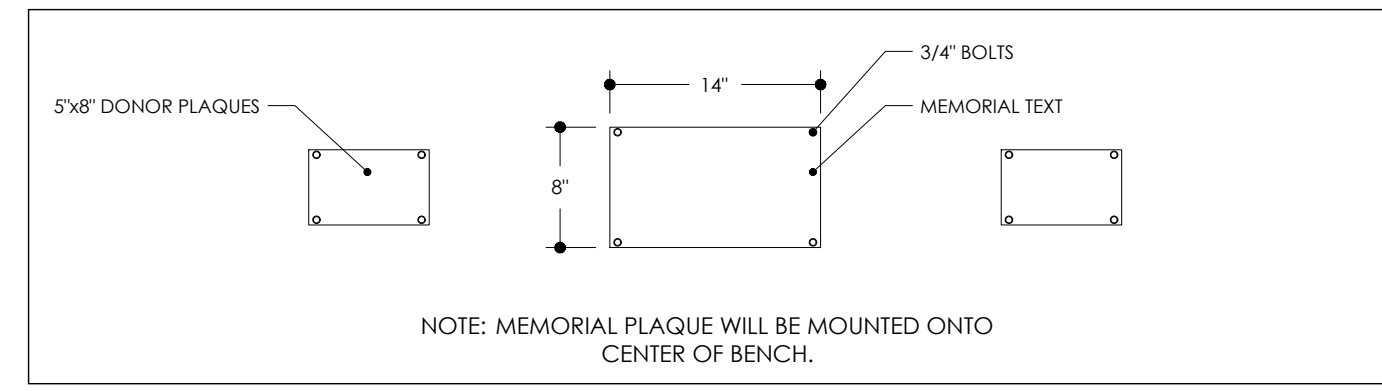
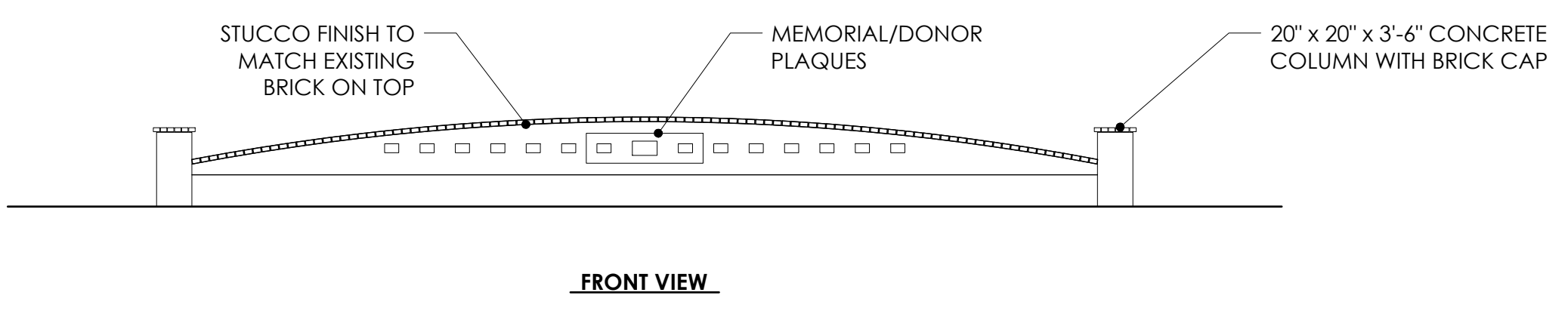
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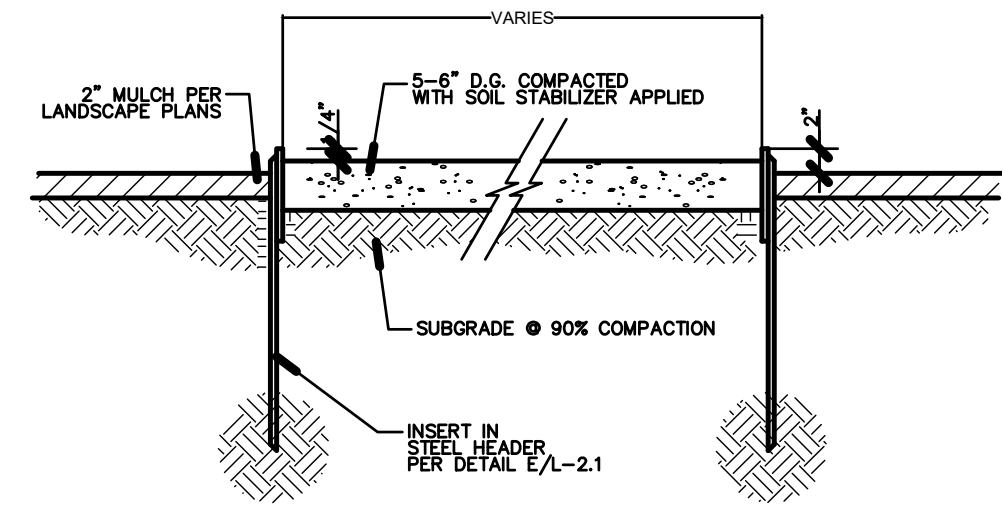
L-2.0



NOTE: VERIFY LAYOUT IN FIELD WITH LANDSCAPE ARCHITECT



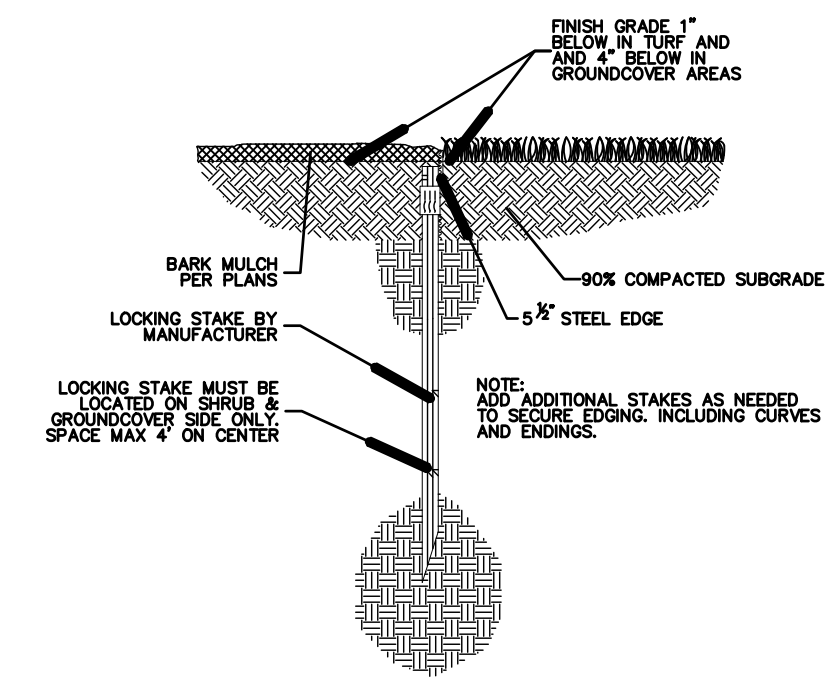
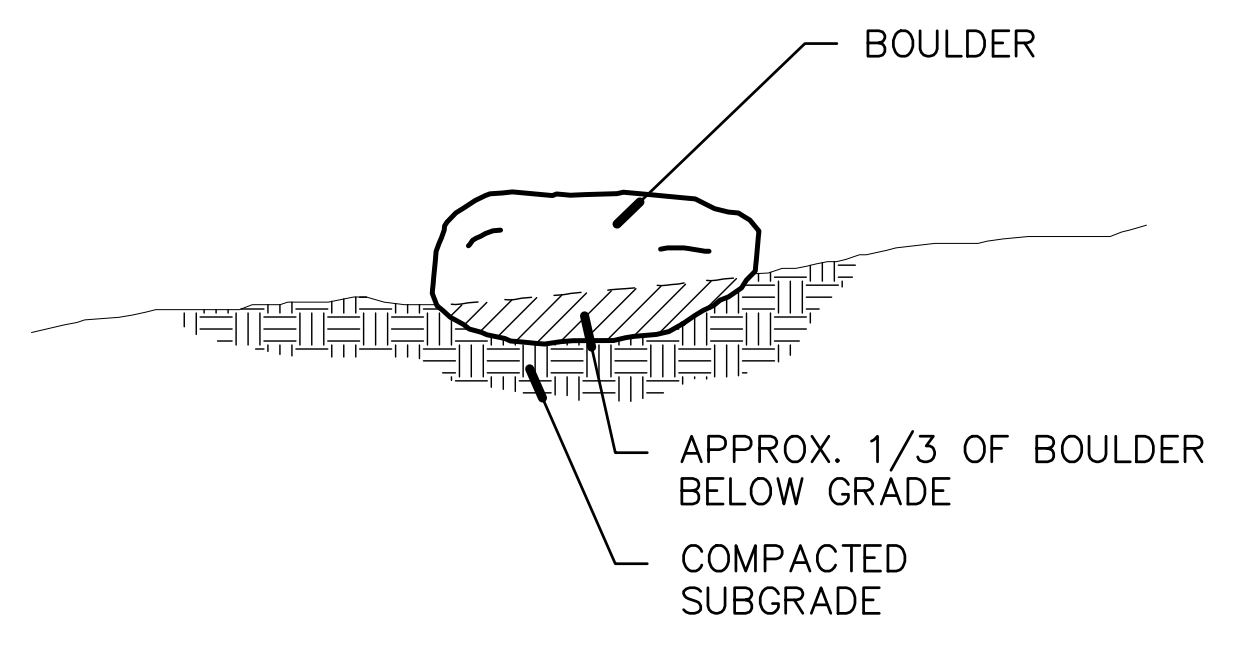
NOTES: 6" X 8" PERMEABLE ROMAN PAVERS - SANDSTONE
COLOR - STANDARD SMOOTH PAVER TEXTURE
AVAILABLE AT: AIRVOL BLOCK, INC. - 805-543-1314



NOTES: 3/8" FINE DG, COLOR - BUFF
AVAILABLE AT: BOURGET BROS. - 310.450.6556 x 221

B DECORATIVE PAVERS

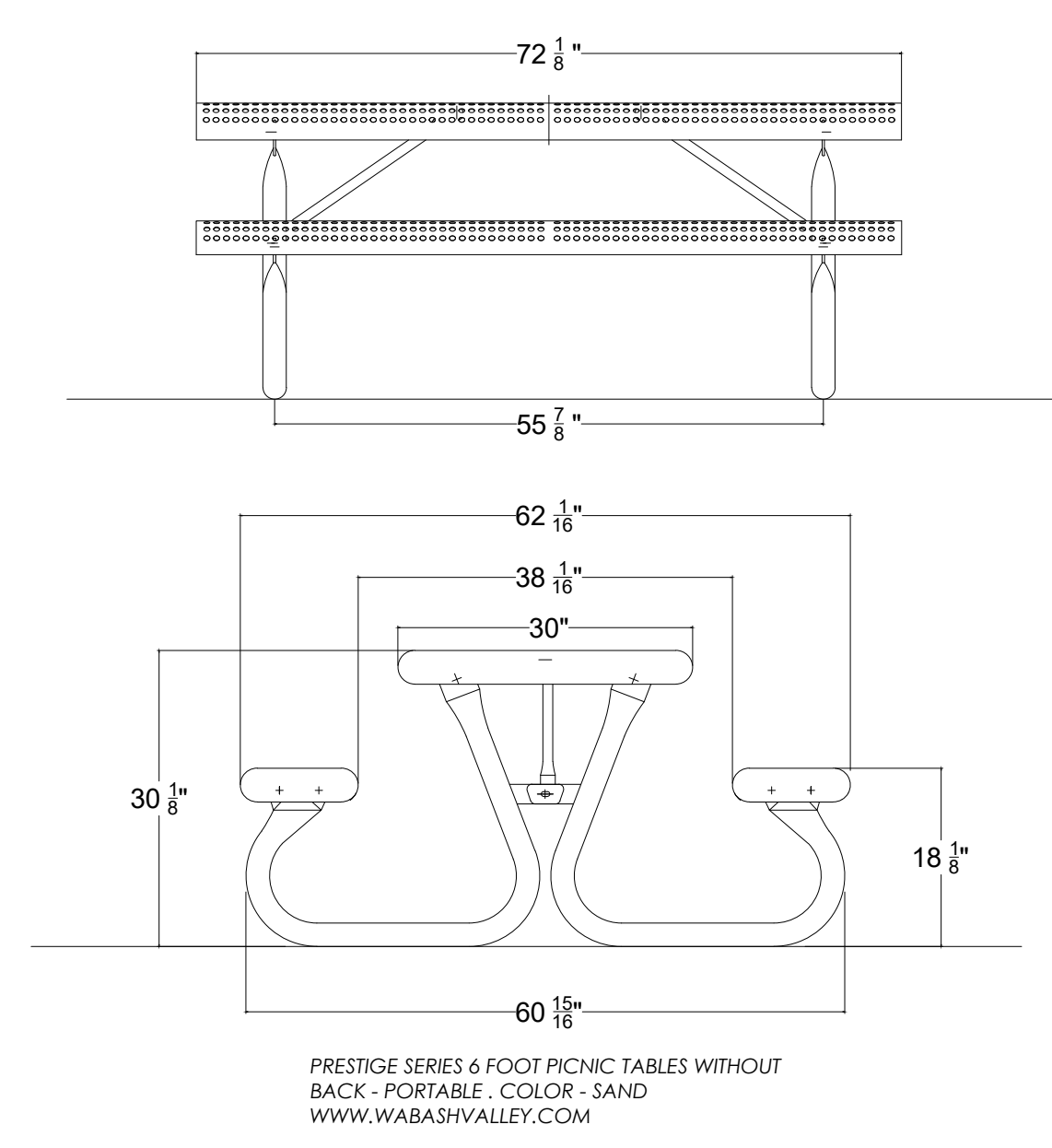
C DECOMPOSED GRANITE



D DECORATIVE BOULDER

E STEEL HEADER

A MEMORIAL BENCH & PLAQUE



F PICNIC TABLE



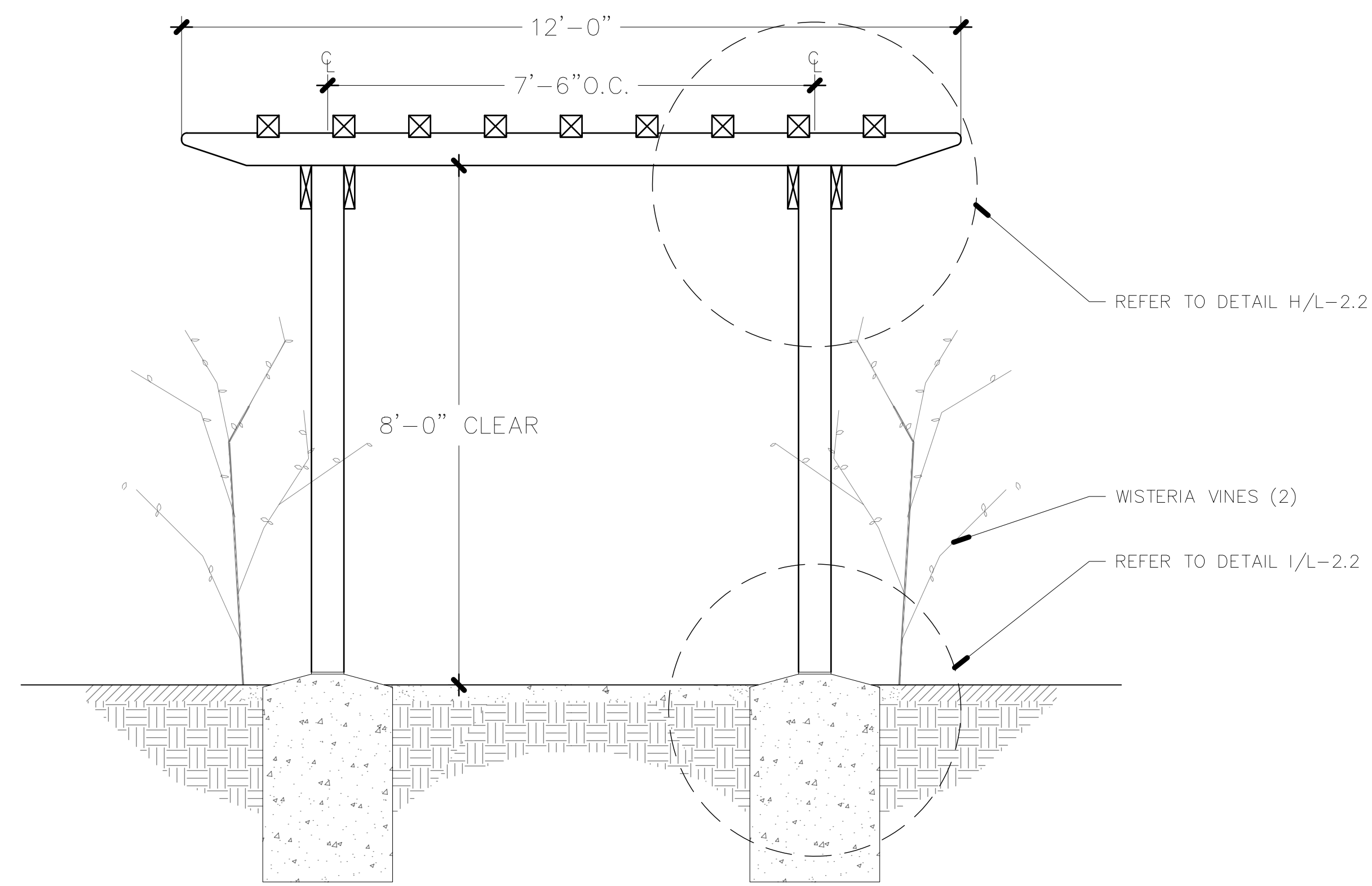
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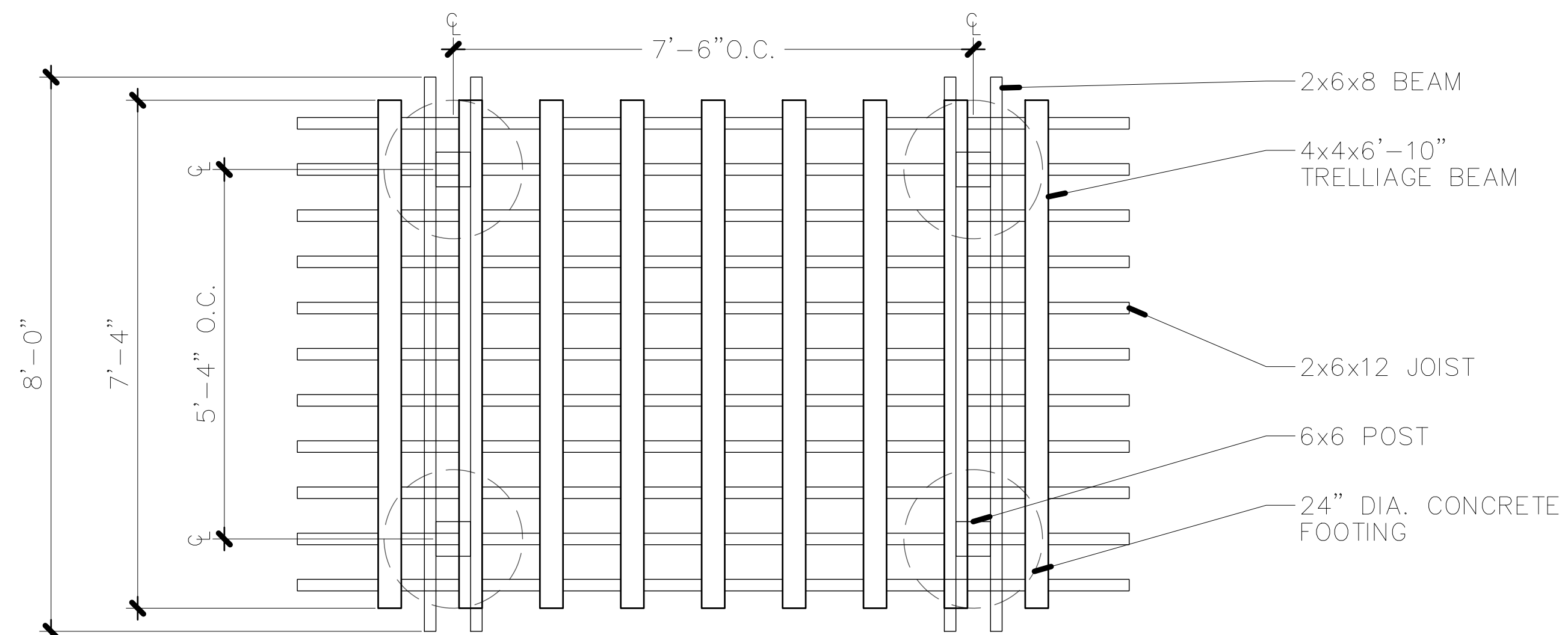
SHEET TITLE
CONSTRUCTION DETAILS - A

OWNER: Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101
T: 805.568.3440
DATE: 2021.03.04
PROJECT NO.: 21913
SHEET NO.:

\\Kevin\c1\Drawing\County of Santa Barbara\Santa Maria Valley Sustainable Garden\Landscape\Construction\CMP.dwg, 3/4/2021 2:42:33 PM, DWG To PDF.pc3

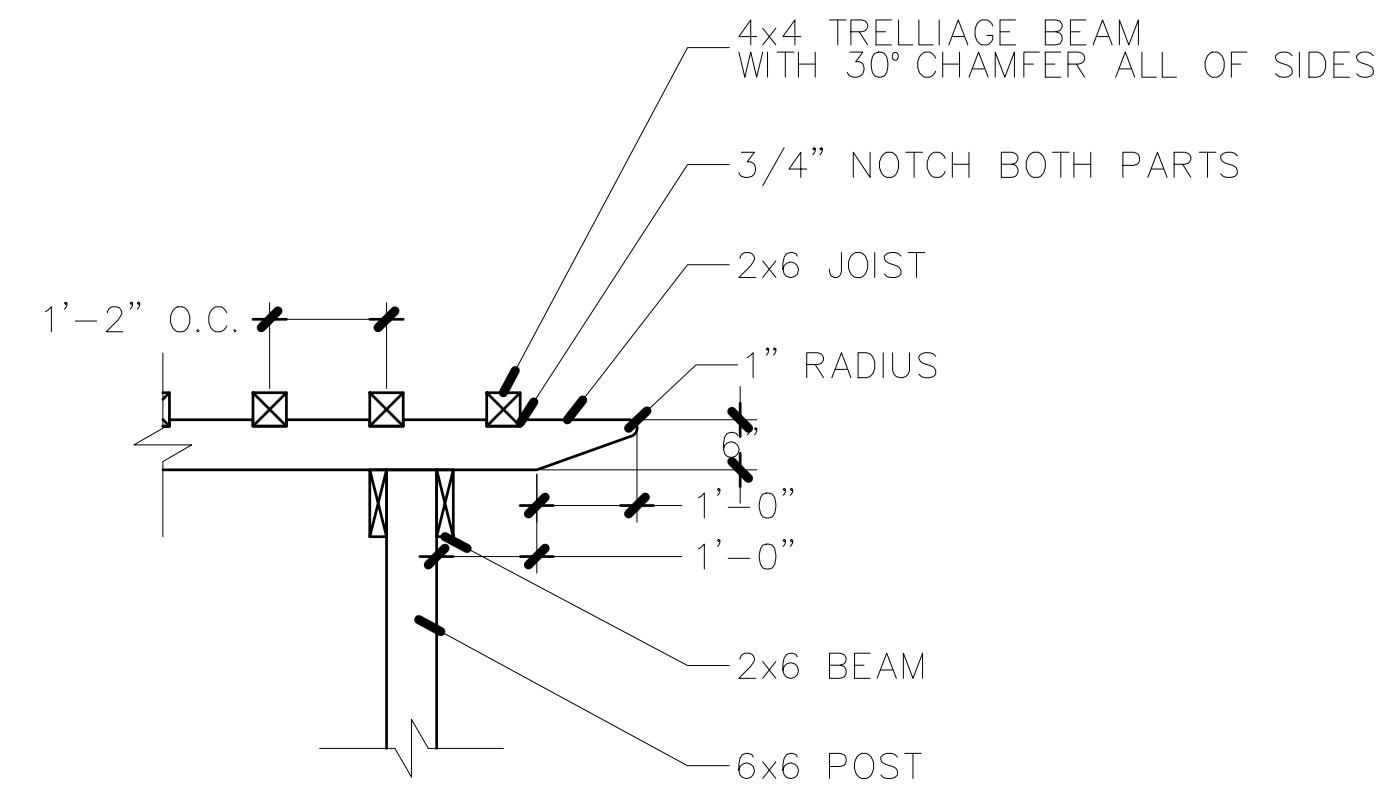


FRONT VIEW

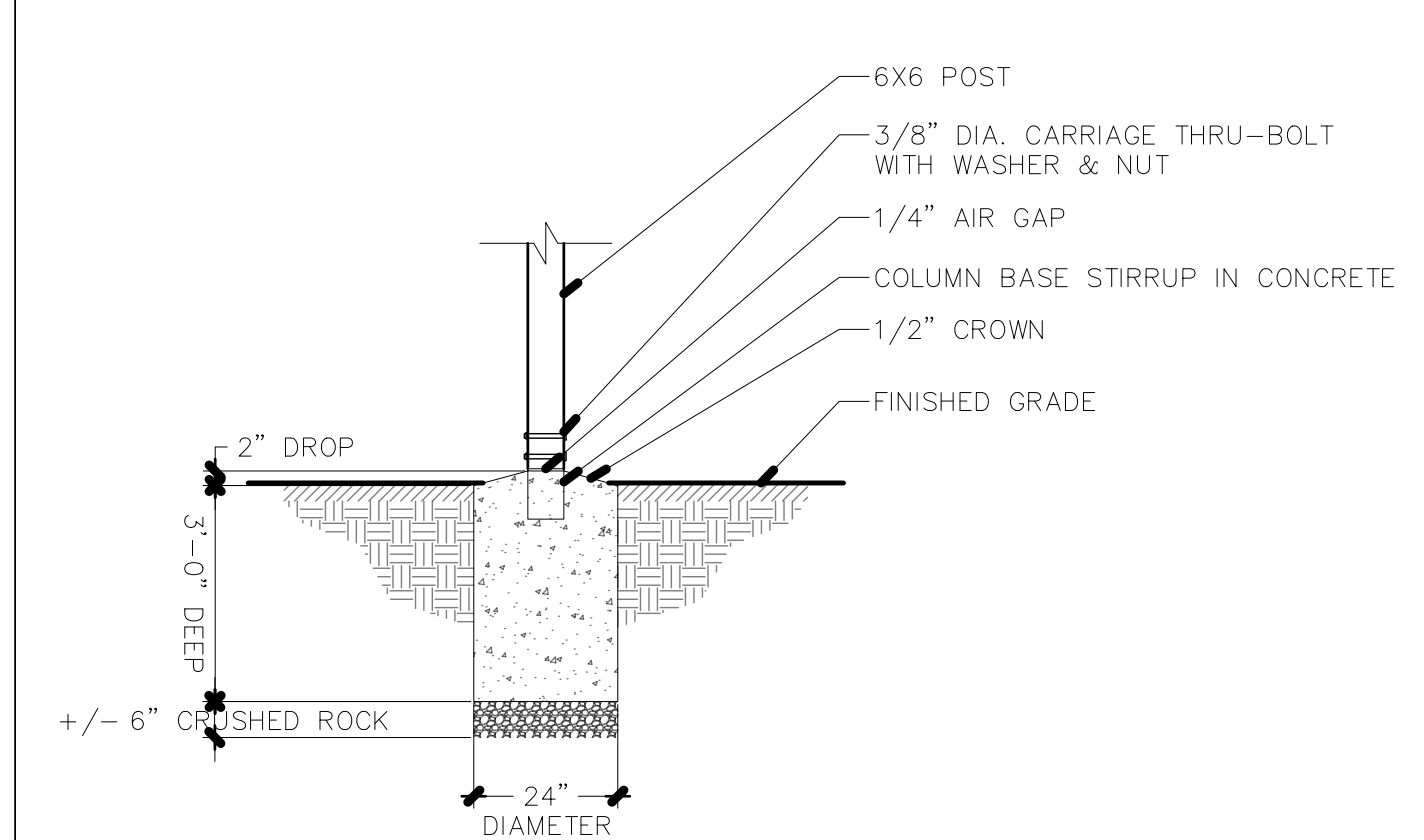


TOP VIEW

G BUTTERFLY TRELLIS WITH VINE



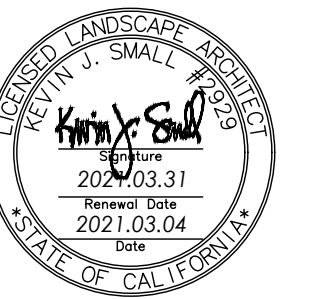
H BUTTERFLY TRELLIS ENLARGEMENT



I BUTTERFLY TRELLIS FOOTING

WOOD CONSTRUCTION NOTES:

1. ALL WOOD TO BE SELECT PRESSURE TREATED DOUGLAS FIR.
2. ALL BEAMS TO BE RESAWN
3. ALL POSTS IN FOOTINGS TO BE PRESSURE TREATED WITH TAR PAPER WRAP IN CONCRETE FOOTING
4. FILL IN ALL HOLES AND CRACKS AND PAINT ALL SURFACES AND END CUTS WITH TWO COATS OF PRIMER, AND TWO COATS OF LOW GLOSS ENAMEL PAINT; PAINT WILL BE SELECTED BY OWNER.
5. CAULK (PAINTABLE) ALL GAPS AND SEAMS AT WOOD CONNECTIONS AND METAL BRACKETS



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SANTA MARIA VALLEY SUSTAINABLE GARDEN

624 WEST FOSTER ROAD // SANTA MARIA, CALIFORNIA 93455

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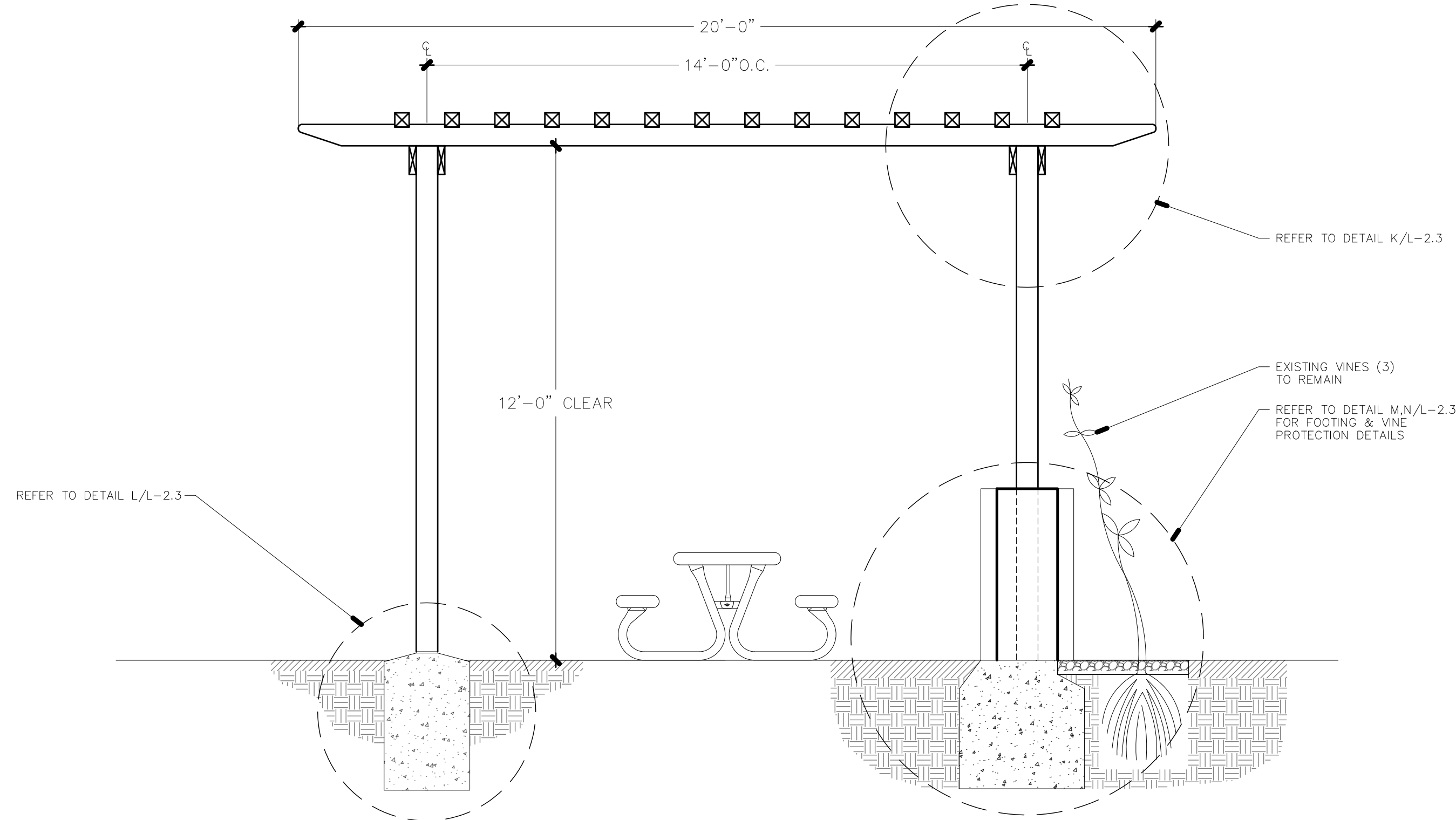
CONSTRUCTION DETAILS - B (BUTTERFLY TRELLIS)

OWNER Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101
T: 805.568.3440

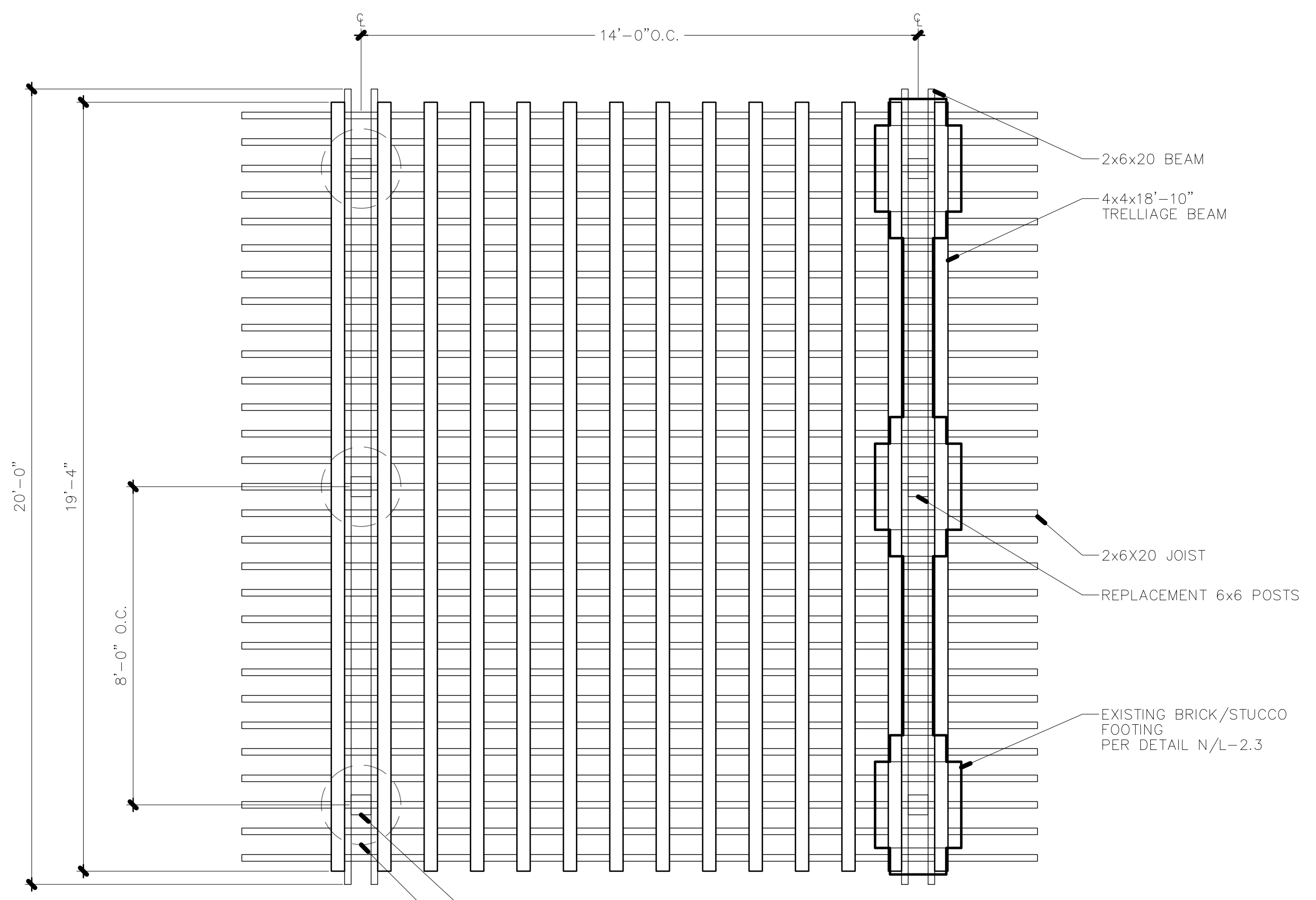
DATE 2021.03.04

PROJECT NO. 21913

SHEET NO.

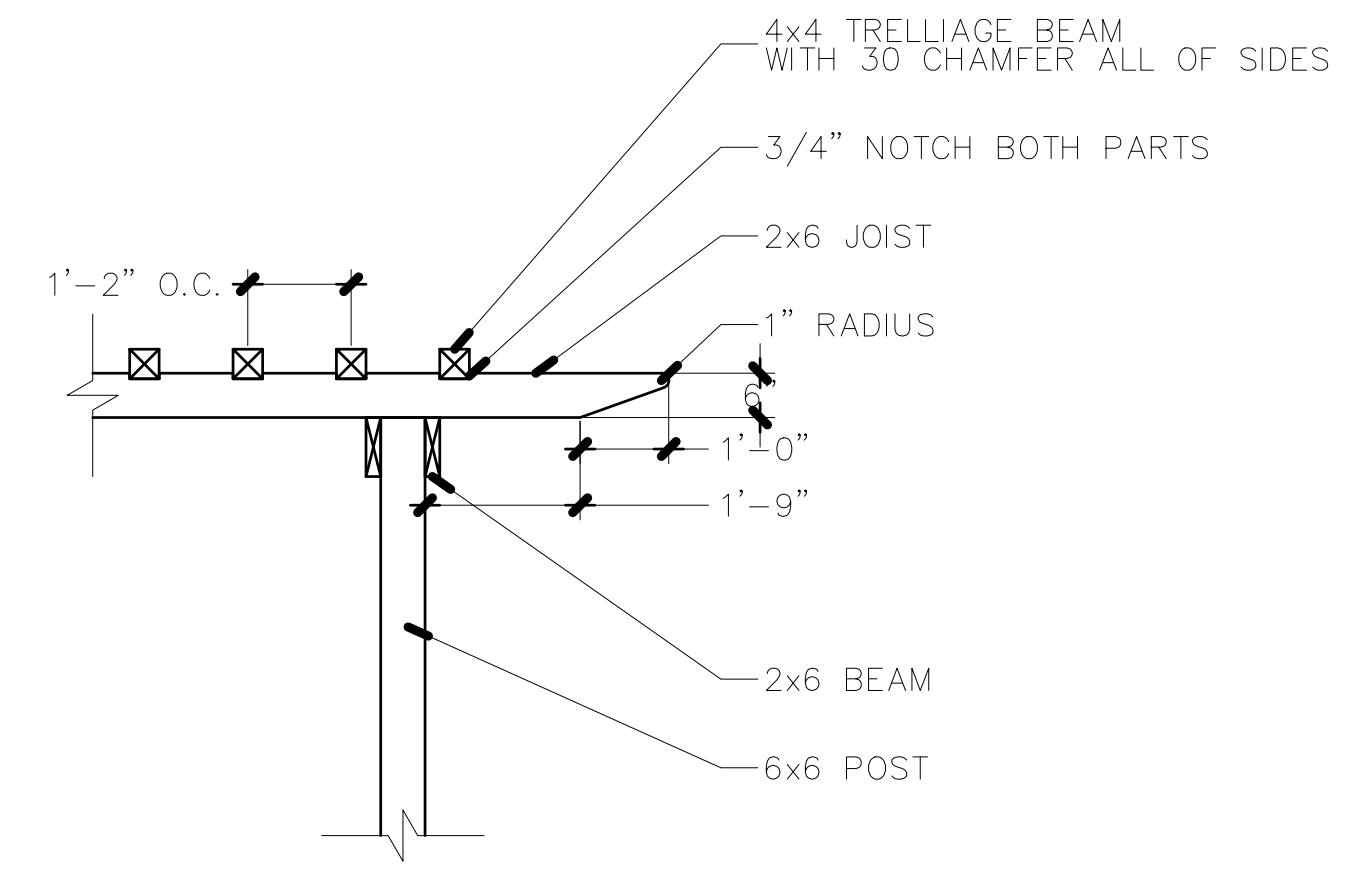


FRONT VIEW

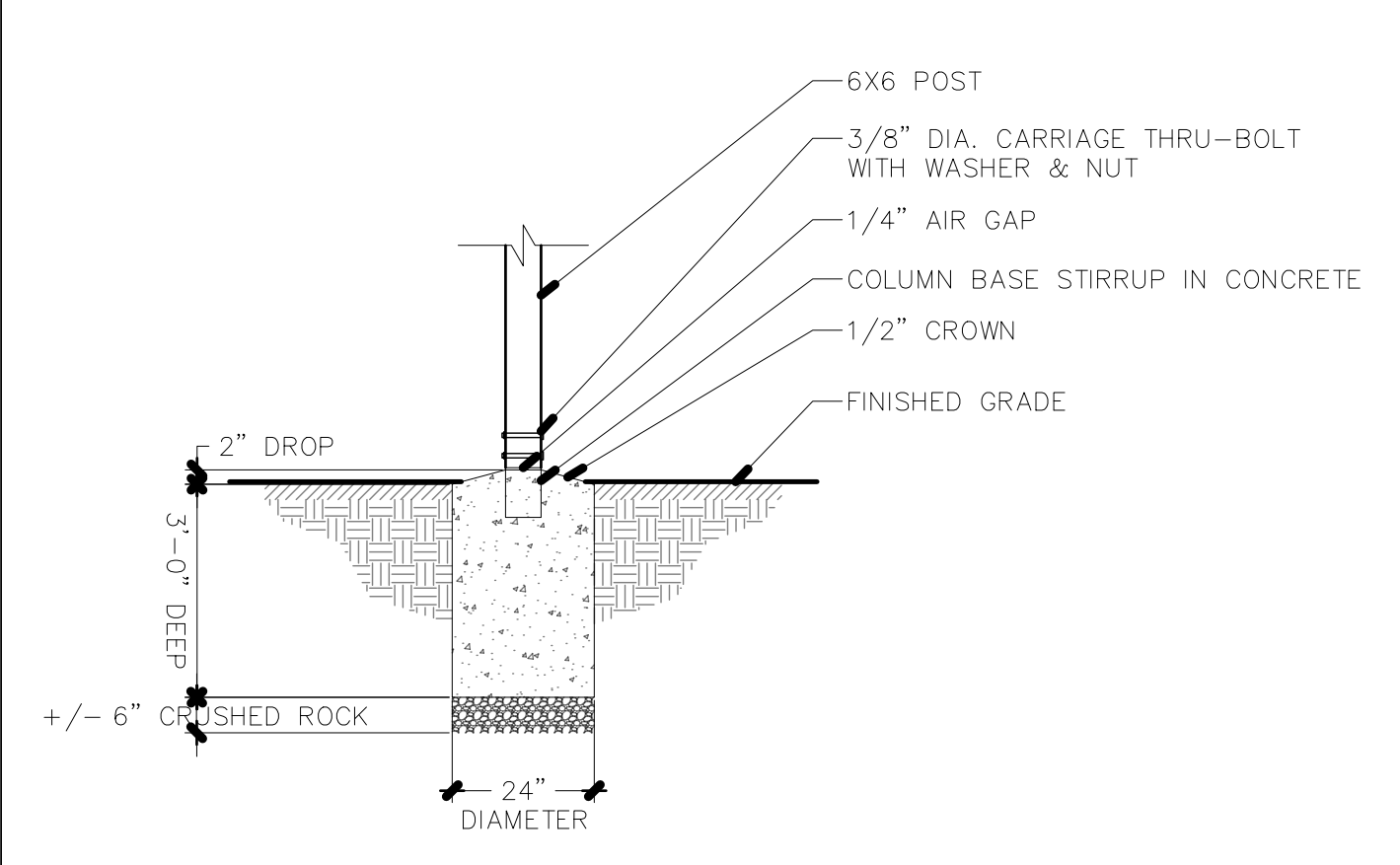


TOP VIEW

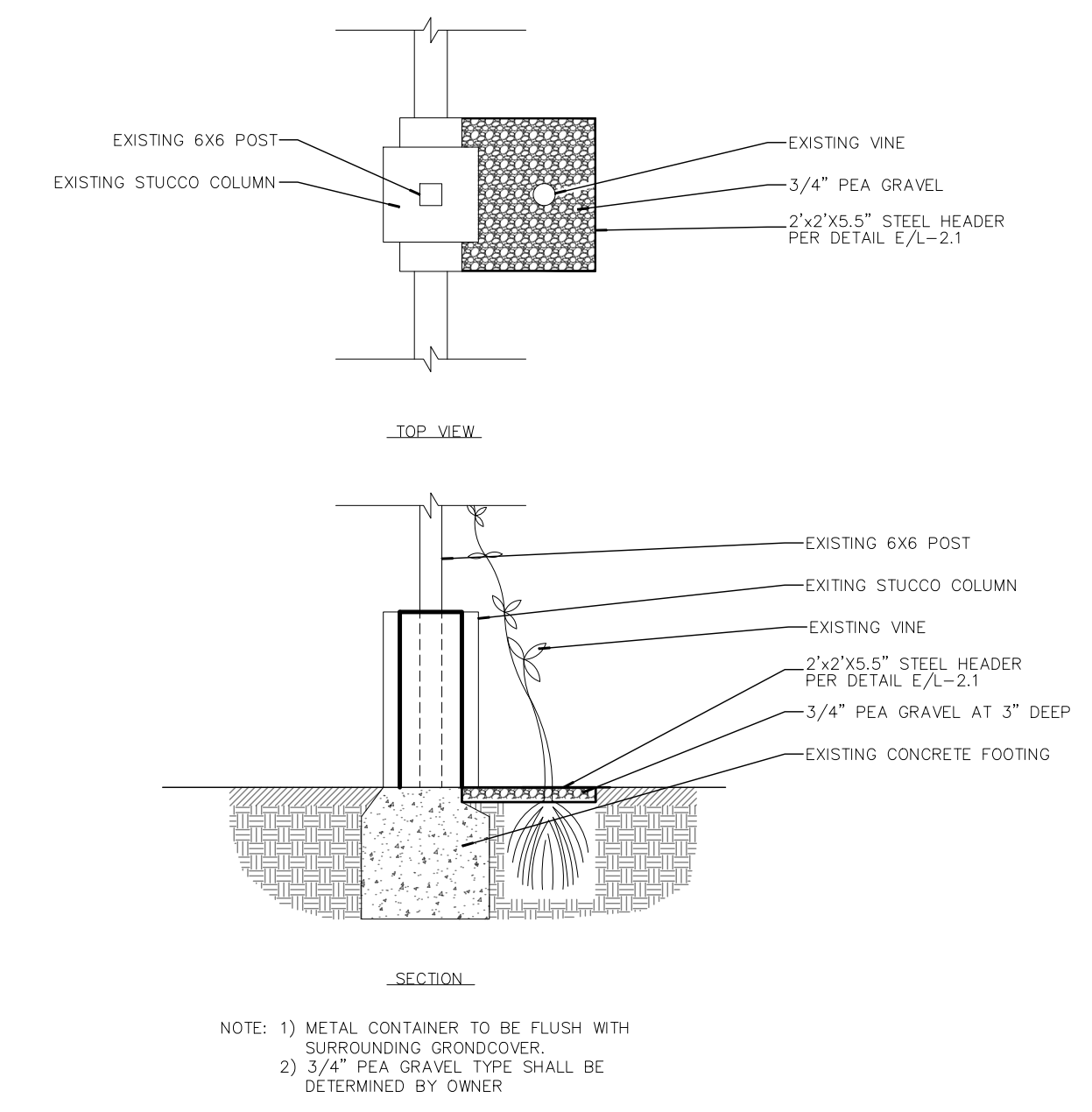
J REPLACEMENT TRELLIS



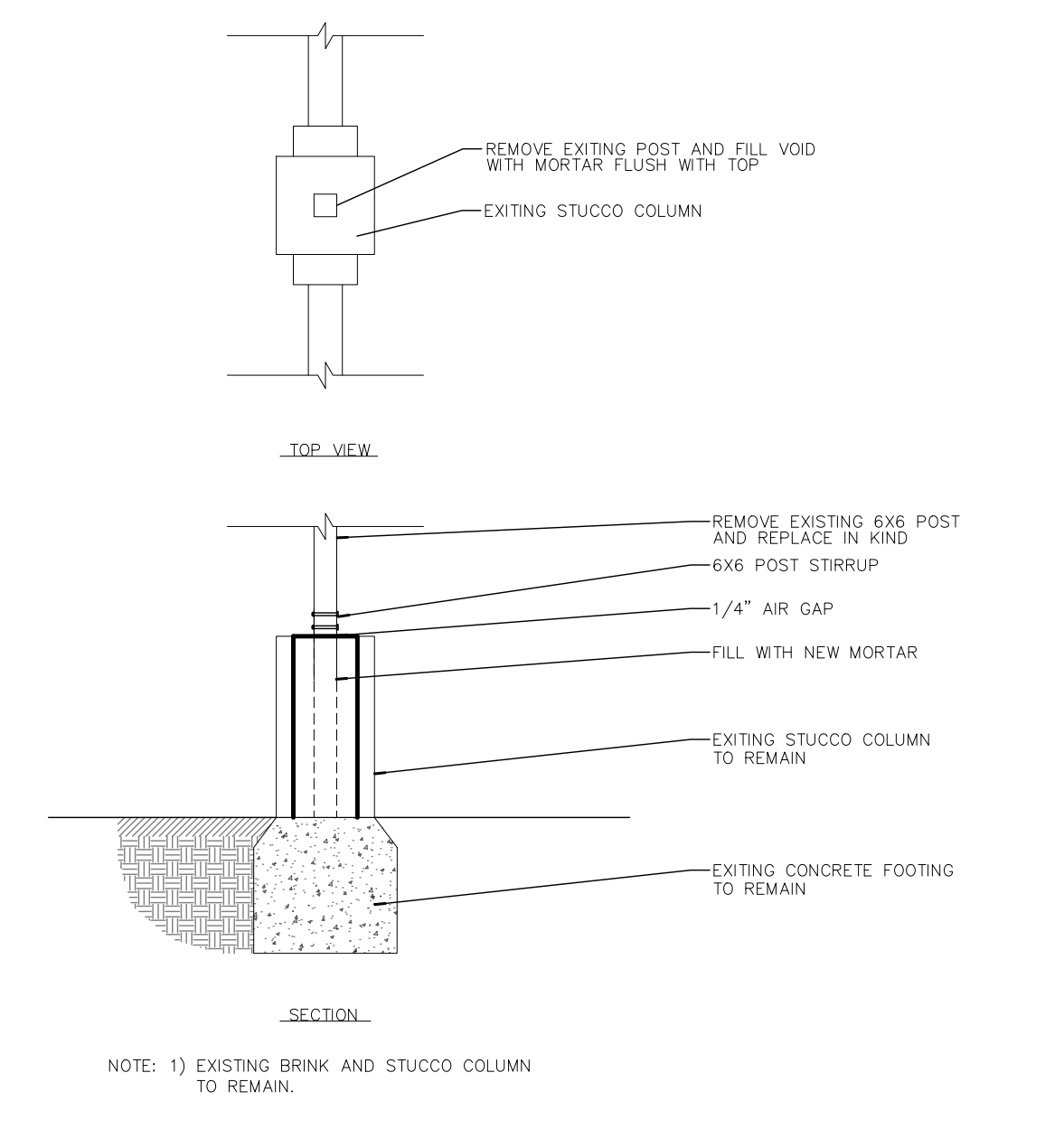
K REPLACEMENT TRELLIS ENLARGEMENT



L REPLACEMENT TRELLIS FOOTING



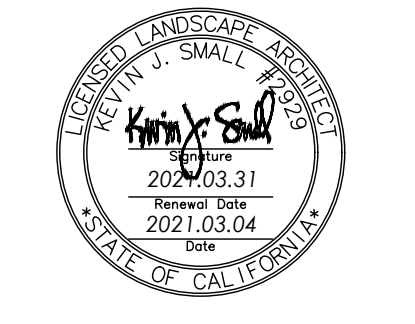
M REPLACEMENT TRELLIS VINE PROTECTION



N REPLACEMENT TRELLIS EXISTING FOOTING

WOOD CONSTRUCTION NOTES:

1. ALL WOOD TO BE SELECT PRESSURE TREATED DOUGLAS FIR.
2. ALL BEAMS TO BE RESAWN
3. ALL POSTS IN FOOTINGS TO BE PRESSURE TREATED WITH TAR PAPER WRAP IN CONCRETE FOOTING
4. FILL IN ALL HOLES AND CRACKS AND PAINT ALL SURFACES AND END CUTS WITH TWO COATS OF PRIMER, AND TWO COATS OF LOW GLOSS ENAMEL PAINT; PAINT WILL BE SELECTED BY OWNER.
5. CAULK (PAINTABLE) ALL GAPS AND SEAMS AT WOOD CONNECTIONS AND METAL BRACKETS



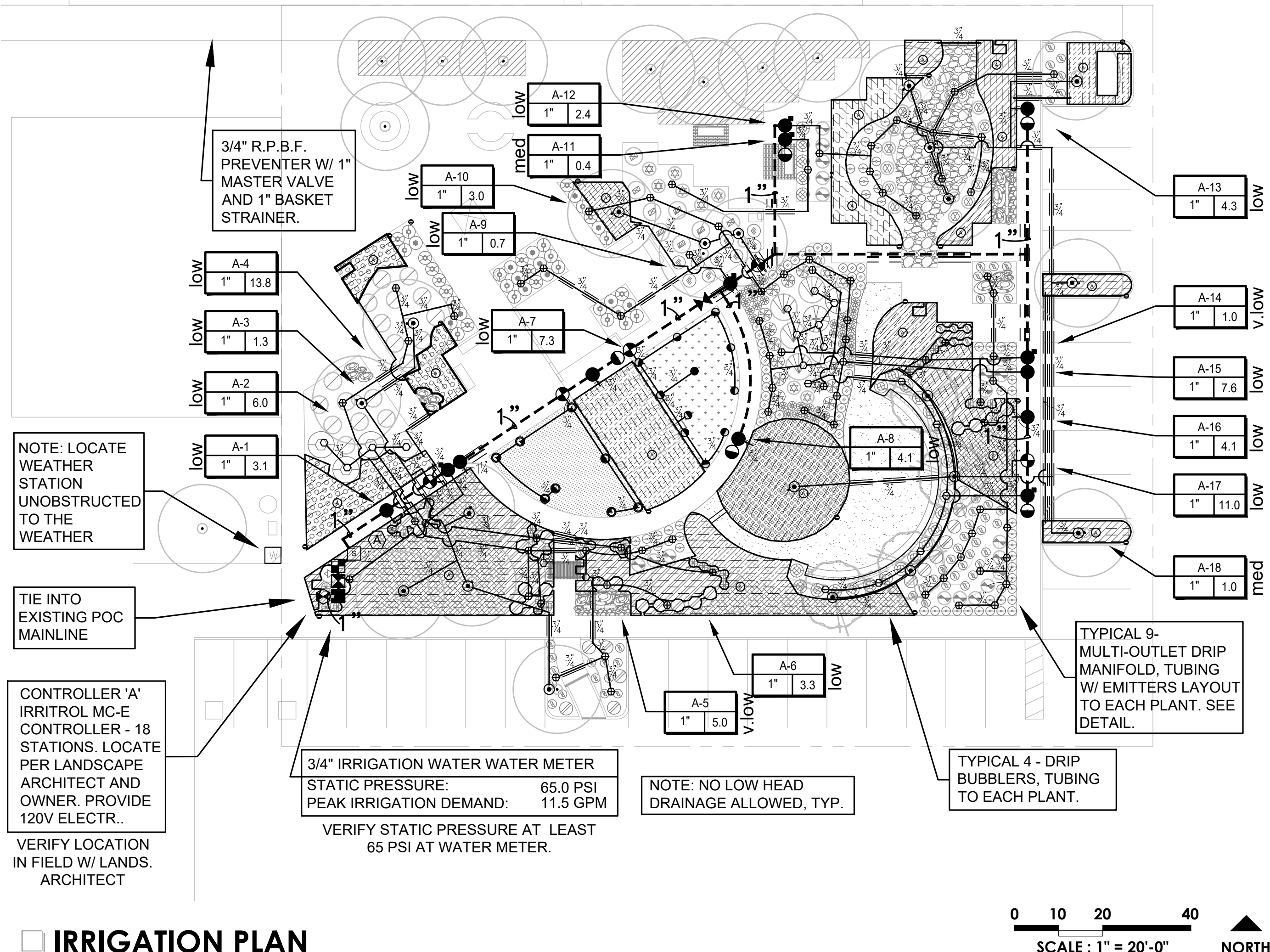
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CONSTRUCTION DETAILS - C (REPLACEMENT TRELLIS)

OWNER Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101
T: 805.568.3440

DATE 2021.03.04
PROJECT NO. 21913
SHEET NO.



IRRIGATION LEGEND

SYMBOLS	MANUFACTURER	ITEM	GPM	PATTERN	R	PSI
[Symbol]	TORO # T-PCB1810-12	DRIFLINE @ 12" O.C. ON GRADE	0.076	FLOOD	-	30
[Symbol]	TORO # T-PCB1810-18	DRIFLINE @ 18" O.C.	0.076	FLOOD	-	30
[Symbol]	TORO # FB-50-PC	2-PER TREE	1.0	360	-	30
[Symbol]	TORO # T-DP-M2-A-RED	DRIP BUBBLER ON RISER	0.03	360	-	30
[Symbol]	TORO # DSB-8-PC	DRIP STREAM BUBBLER (4), ONE EMITTER PER SURROUNDING PLANTS	0.14	360	-	30
[Symbol]	TORO # T-PR25-9 W/ EMITTER T-DP-M2-A-RED	MULTI-OUTLET EMITTER (9), ONE EMITTER PER SURROUNDING PLANTS	0.29	360	-	30
[Symbol]	TORO # 570C-12P-XF PRN-T-A	12" POP-UP PRECISION ROTATING NOZZLE	49.94	90 180	16"	30
[Symbol]	TORO # 570C-12P-XF MPR-10-PC	12" POP-UP MPR SPRAY NOZZLE	40.71	149 90 180 360	10"	30
[Symbol]	TORO # 570C-12P-XF MPR-8-PC	12" POP-UP MPR SPRAY NOZZLE	24.50	1.0 90 180 360	8"	30
[Symbol]	TORO # 570C-12P-XF O-T-12-P	12" POP-UP PRECISION SPRAY NOZZLE	34.70	1.35 90 180 360	12"	30
[Symbol]	A-4 1" 6.5	CONTROLLER AND STATION NUMBER VALVE SIZE / GPM FLOW				
[Symbol]	TORO # P220S-27-04	REMOTE CONTROL VALVE INSTALLED IN VALVE BOX				
[Symbol]	IRRITROL # 2500TF-1-MF	DRIP MED. FLOW REMOTE CONTROL VALVE W/ STRAINER IN VALVE BOX				
[Symbol]	IRRITROL # 2500TF-1-LF	DRIP LOW FLOW REMOTE CONTROL VALVE W/ STRAINER IN VALVE BOX				
[Symbol]	TORO # 075-SLSC	3/4" QUICKCOUPLING VALVE INSTALLED IN VALVE BOX				
[Symbol]	IRRITROL # MC-18E	IRRITROL MC-E (Blue) SERIES CONTROLLER OUTDOOR 18 STATIONS MOUNTED IN OUTDOOR CABINET W/ WEATHER STATION (ET & RAIN SENSOR)				
[Symbol]	IRRITROL # CL-100-WIRELESS	CLIMATE LOGIC WIRELESS WEATHER SENSOR W/ MODULE				
[Symbol]	TORO # T-FCH-H-FIPT	TYPICAL AUTOMATIC FLUSH VALVE. INSTALLED AT THE END OF LINE.				
[Symbol]	TORO # T-YD-500-34	AIR RELEASE VALVE				
[Symbol]	MIBCO # T-113	GATE VALVE, LINE SIZE				
[Symbol]	HAYWARD # 72	200 MESH STAINLESS STEEL STRAINER, LOCATE IN 18"x12" VALVE BOX				
[Symbol]	TORO # TFS	FLOW CONTROL SENSOR, 1" SIZE				
[Symbol]	IRRITROL # 700-1	PRESSURE REGULATING MASTER VALVE, 1" SIZE				
[Symbol]	FEBCO # 825-YA	REDUCED PRESSURE BACKFLOW PREVENTION DEVICE, 3/4" SIZE, W/ STRONGBOX SBBC-30AL ALUMINUM ENCLOSURE				
[Symbol]	WATER METER	EXISTING DOMESTIC. VERIFY SIZE OF 3/4"				
[Symbol]	PVC CLASS 315	IRRIGATION MAIN, 2" SIZE AND HIGHER				
[Symbol]	PVC SCHEDULE 40	IRRIGATION MAIN, 1" TO 1-1/2" SIZE				
[Symbol]	PVC SCHEDULE 40	SPRINKLER LATERAL, USE SCHEDULE 40 UNDER PAVING.				
[Symbol]	PVC SCHEDULE 40	4" WIRE SLEEVE, PIPE SLEEVE TO BE TWICE THE SIZE OF LATERAL OR MAIN LINE.				

CONTACT JEFF AREHART 714 785-0075 FOR ANY INFORMATION/ QUESTIONS ON TORO OR IRRITROL PRODUCTS

PRESSURE LOSS CALCULATIONS

S.M. VALLEY SUSTAINABLE GARDEN MIN. STATIC PRESSURE: 65 PSI
MAX. GPM DEMAND: 11.0 GPM

UNITS	SIZE	TYPE	DESCRIPTION	GPM	UNIT PSI LOSS
1	3/4"	DISC	WATER METER	11.0	1.90
1	3/4"	RP	BACKFLOW	11.0	8.60
1	1"	GLOBE	MASTER VALVE	11.0	4.00
1	1"	PLASTIC	FLOW SENSOR	11.0	0.00
1	1"	PLASTIC	STRAINER	11.0	0.00
1	1"	PLASTIC	CONTROL VALVE	11.0	2.50
230'	1"	SCH 40	MAIN LINE	11.0	6.58
			LATERAL LINES		0.11
			FITTINGS ALLOWANCE		1.34
				COMPONENT LOSSES:	25.03
				MIN. REQ'R BY HEAD:	30.00
				0' ELEVATION GAIN:	00.00
				TOTAL PRESSURE REQ'R:	55.03
STATION A-15 LARGEST SYSTEM				RESIDUAL PRESSURE:	09.97

SET PRV AT 46 PSI

OBSTRUCTIONS

WHEN VERTICAL OBSTRUCTIONS (PROPS, STREET LIGHTS, TREES, ETC.) INTERFERE WITH THE SPRAY PATTERN OF THE SPRINKLER HEADS SO AS TO PREVENT PROPER COVERAGE, THE IRRIGATION CONTRACTOR SHALL FIELD ADJUST THE SPRINKLER SYSTEM BY INSTALLING A QUARTER CIRCLE OR HALF CIRCLE SPRINKLER HEAD ON EACH SIDE OF THE OBSTRUCTION SO AS TO PROVIDE PROPER COVERAGE. ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER. (TYPICAL)

IRRIGATION INSTALLATION NOTES.

CODES:
INSTALL ALL MATERIALS TO COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES, AS SPECIFIED IN LEGEND AND AS SHOWN ON DETAILS.

DIMENSIONS:
THE IRRIGATION SYSTEM IS DIAGRAMMATIC. ALL VALVES, PIPING, ETC. SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHENEVER POSSIBLE.

PRESSURE:
NOTIFY OWNERS REPRESENTATIVE IMMEDIATELY IF STATIC PRESSURE IS LESS THAN SHOWN ON THE DRAWINGS. NOTIFY OWNER PRIOR TO START OF CONSTRUCTION.

PRESSURE TEST:
TEST ALL MAIN LINES IN THE PRESENCE OF THE INSPECTOR UNDER A STATIC PRESSURE OF 150 PSI AND PROVE WATERTIGHT. CONTRACTOR SHALL PROVIDE THE NECESSARY FORCE PUMP AND PRESSURE GAUGES. MAINTAIN PRESSURE FOR A PERIOD 3 HOURS WITH NO DROP OF PRESSURE DURING THIS TIME. ANY LEAKS FOUND DURING THE TEST PERIOD SHALL BE REPAIRED BY REPLACING OR TIGHTENING OF THE DEFECTIVE CONNECTION.

SITE DISCREPANCIES:
IF IT IS OBVIOUS IN THE FIELD THAT THERE WERE UNKNOWN OBSTRUCTIONS, GRADE DIFFERENCES, OR OTHER ITEMS WHICH WOULD HINDER THE INSTALLATION OR OPERATION OF THE SYSTEM DESIGNED, UNTIL SUCH CONDITIONS ARE BROUGHT TO THE ATTENTION OF THE OWNER. THE CONTRACTOR SHALL NOT INSTALL THE SYSTEM AS DESIGNED.

CONTROLLERS AND BACKFLOW DEVICES:
VERIFY FINAL LOCATION WITH OWNERS' REPRESENTATIVE.

TRENCHING:
INSTALL BURIED LATERALS 12" BELOW GRADE ON SLOPE AND FLAT AREAS, (18" BELOW FOR ROTOR HEADS). INSTALL MAIN LINES 24" BELOW GRADE.
MAIN LINES UNDER PAVING AND CONTROL WIRE SLEEVING:
INSTALL ALL MAIN LINES UNDER PAVING IN SLEEVES WITH SAND BACKFILL. INSTALL WIRE SLEEVES IN SAME TRENCH WITH 6" CLEARANCE FROM MAIN LINE.

ELECTRICAL:
ALL CONNECTIONS SHALL BE PER LOCAL CODES AND ORDINANCES. UNLESS OTHERWISE INDICATED ON DRAWINGS, LINE VOLTAGE SHALL BE PROVIDED TO THE CONTROLLER LOCATION BY THE GENERAL CONTRACTOR. IRRIGATION CONTRACTOR TO MAKE FINAL HOOK UP AND INSTALLATION OF ALL REQUIRED EQUIPMENT.

CONTROL WIRING:
INSTALL # 14 UF DIRECT-BURIAL IRRIGATION WIRE. INSTALL BLACK PILOT WIRES AND WHITE COMMON WIRE. USE EPOXY TYPE CONNECTORS. FORM EXPANSION COILS EVERY 100 FEET AND AT EACH CHANGE OF DIRECTION. MARK CONTROL WIRES WITH VINYL TAG IN VALVE BOX, INDICATING THE CONTROLLER STATION NUMBER.

VALVE BOXES:
INSTALL VALVE BOXES PER DETAILS WITH STATION NUMBERS STENCILED ON LID WITH LETTERS 2 INCHES HIGH.

SPRINKLER PRESSURE:
ADJUST PRESSURE AT THE CONTROL VALVES TO PROVIDE THE REQUIRED PRESSURE INDICATED IN THE LEGEND.

COVERAGE:
ADJUST ALL SPRINKLERS TO PROVIDE COVERAGE WITH MINIMAL OVERSPRAY ONTO PAVED AREAS. PERFORM COVERAGE TEST UPON COMPLETION IN PRESENCE OF THE INSPECTOR.

CONTRACTOR SHALL DELIVER TO THE OWNER UPON COMPLETION OF THE EXTRA EQUIPMENT AS FOLLOWS:
 * ONE LOCK WITH TWO KEYS FOR EACH CONTROLLER ENCLOSURE.
 * TWO OF EACH TYPE OF SPRINKLER HEADS AND NOZZLES USED ON THE SITE.
 * THREE EACH QUICK COUPLERS WITH ATTACHED HOSE SWIVELS.

AS-BUILT DRAWINGS:
CONTRACTOR SHALL PROVIDE "AS-BUILT" MYLARS TO THE OWNER UPON COMPLETION OF THE PROJECT, SHOWING LOCATIONS OF CONTROLLERS, REMOTE CONTROL VALVES, GATE AND QUICK COUPLER VALVES, MAINLINE AND CONTROL WIRE LOCATION. ALL DIMENSIONS GIVEN SHALL BE FROM TWO PERMANENT POINTS OF REFERENCE.

CONTROLLER CHARTS:
PROVIDE ONE CHART FOR EACH CONTROLLER SHOWING THE AREA COVERED BY EACH CONTROLLER. SIZE THE CHART AS BIG AS THE CONTROLLER DOOR WILL ALLOW. EACH CHART SHALL BE A REDUCED DRAWING OF THE "AS-BUILT" SYSTEM, CLEARLY LEGIBLE AT THE REDUCTION CHOSEN. CHART SHALL BE A BLACK LINE PRINT WITH DIFFERENT COLOR USED TO SHOW THE COVERAGE OF EACH STATION. AFTER APPROVAL BY THE OWNER, CHARTS SHALL BE HERMETICALLY SEALED BETWEEN TWO SHEETS OF PLASTIC 10 MILS THICK.

GUARANTEE:
CONTRACTOR SHALL GUARANTEE THE ENTIRE SPRINKLER SYSTEM FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE AGAINST DEFECTIVE MATERIAL AND WORKMANSHIP. REPAIR ANY DEFECTS AT NO COST TO THE OWNER.

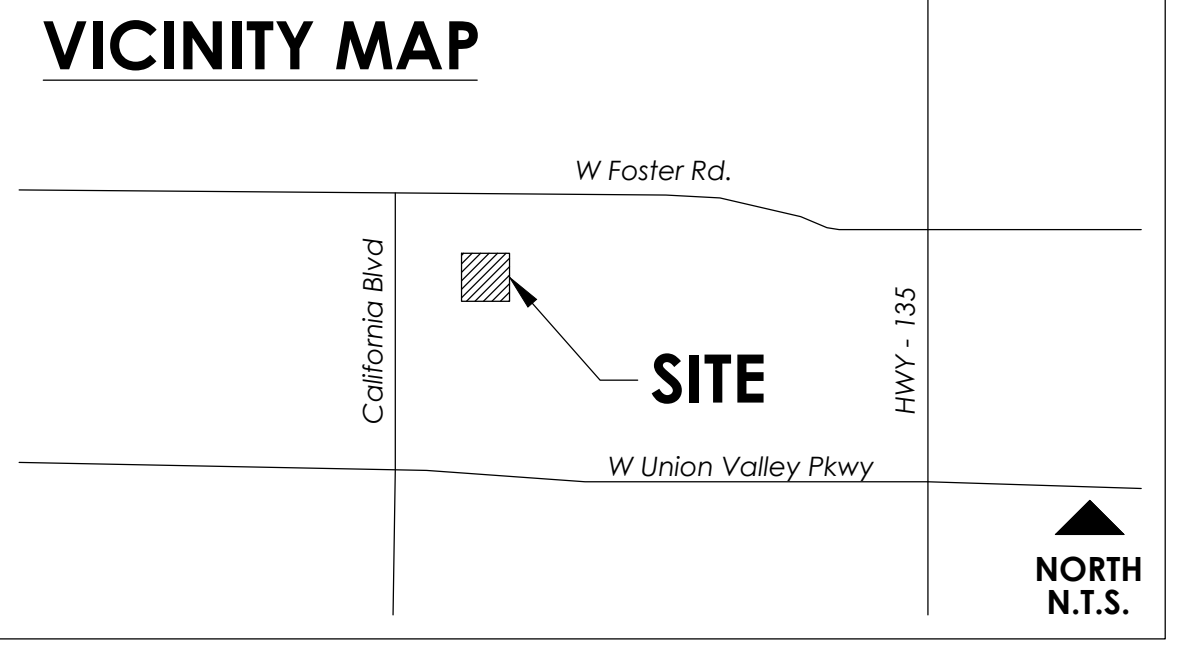
ASSIGNMENT OF RESPONSIBILITY

GENERAL: THE IRRIGATION SYSTEM IS DESIGNED TO PROVIDE FULL COVERAGE OF ALL PLANTING AREAS WITH MINIMUM OVERSPRAY ONTO PAVING, WALKS, WALLS AND EXISTING UTILITIES. THE IRRIGATION CONSULTANT DOES NOT ASSUME ANY MAINTENANCE OBLIGATIONS.

CONTRACTORS RESPONSIBILITIES: THE CONTRACTORS SHALL ASSUME THE SOLE RESPONSIBILITY FOR THE CORRECT ALIGNMENT OF THE SPRINKLER HEADS, PROPER SETTINGS OF CONTROLLER ENCLOSURES AND ALL OTHER IRRIGATION SYSTEM COMPONENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ADJUSTING THE WATERING CYCLES TO SUIT THE SEASONAL REQUIREMENTS. ADJUST THE WATERING CYCLES TO THE SOILS INFILTRATION RATE. NO RUN OFF SHALL OCCUR AT ANY TIME. THE INSTALLATION CONTRACTOR SHALL INSTRUCT THE MAINTENANCE CONTRACTOR IN THE USE AND ADJUSTMENT OF THE IRRIGATION SYSTEM. PERFORM ALL REVIEWS AND AUDITS AS CALLED OUT IN THE IRRIGATION MAINTENANCE NOTES AND SUBMIT WRITTEN REPORTS TO THE OWNER.

OWNERS RESPONSIBILITIES: THE OWNER SHALL BE SOLELY RESPONSIBLE FOR OBTAINING "AS BUILT" DRAWINGS AND CONTROLLER CHARTS FROM THE INSTALLATION CONTRACTOR. ANY DANGEROUS CONDITIONS THAT MAY OCCUR DURING THE CONSTRUCTION OR LATER MAINTENANCE PERIOD SHALL BE CORRECTED IMMEDIATELY.

SUBSTITUTIONS: NO SUBSTITUTIONS OF MATERIALS SHALL BE ALLOWED DURING THE CONSTRUCTION OR LATER MAINTENANCE WITHOUT THE WRITTEN CONSENT OF THE IRRIGATION CONSULTANT. ALL REPLACEMENT COMPONENTS SHALL BE AS CALLED OUT ON THE DRAWINGS AND IN THE SPECIFICATIONS. THE CONSULTANT CAN NOT BE HELD RESPONSIBLE FOR ALTERATIONS OF THE IRRIGATION SYSTEM THAT WERE DONE WITHOUT HIS WRITTEN PERMISSION.



I HAVE COMPLIED WITH THE CRITERIA OF THE 2015 UPDATE TO THE STATE DEPARTMENT OF WATER RESOURCES MODEL WATER EFFICIENT LANDSCAPE ORDINANCE, INCLUDING INCORPORATING RECOMMENDATIONS OF THE SOIL ANALYSIS REPORT, AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

Kevin J. Small
DESIGNER SIGNATURE

2021.03.04
DATE



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SANTA MARIA VALLEY SUSTAINABLE GARDEN

624 WEST FOSTER ROAD // SANTA MARIA, CALIFORNIA 93455

REVISION DATE

1	CLIENT COMMENTS	2019.01.10
2	CLIENT COMMENTS	2019.10.25
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SHEET TITLE
IRRIGATION PLAN

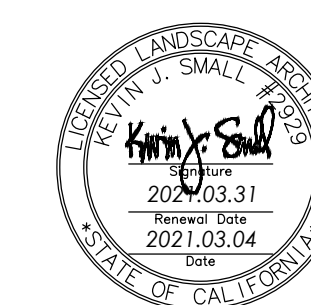
OWNER Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101
T: 805.568.3440

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PROJECT NO. 21913

SHEET NO.

L-3.0



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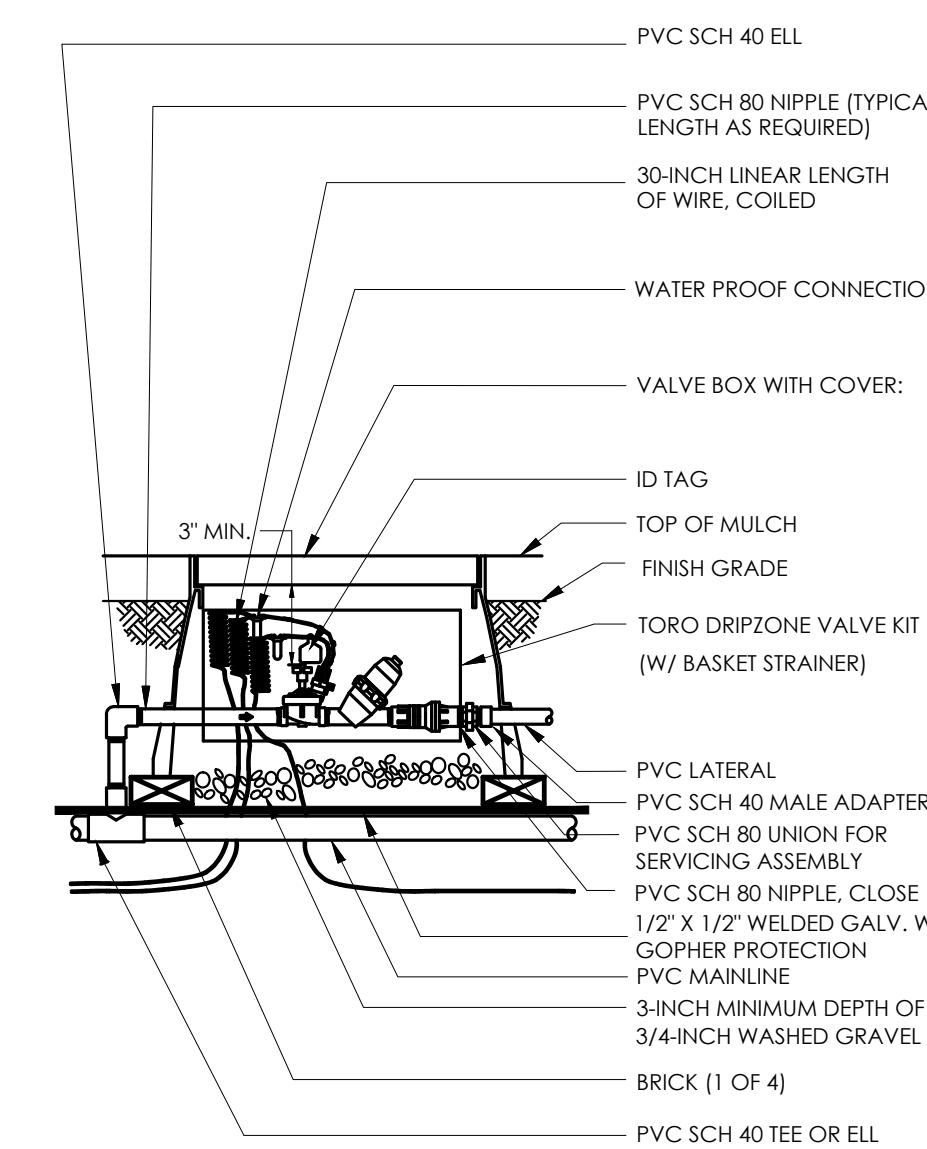
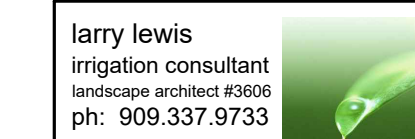
**IRRIGATION
DETAILS**

OWNER Kalani Durham
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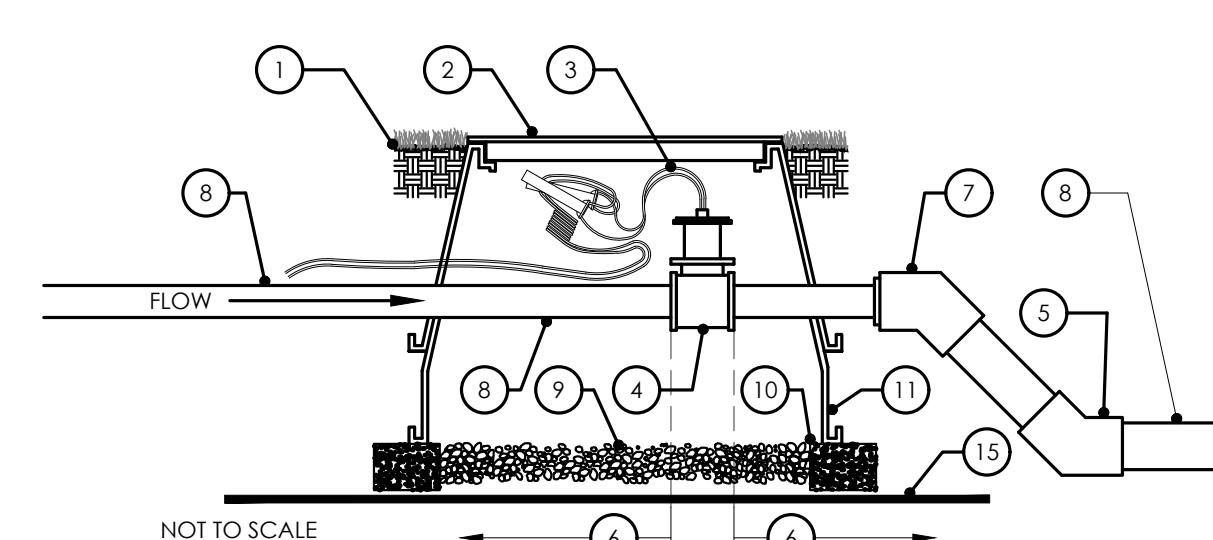
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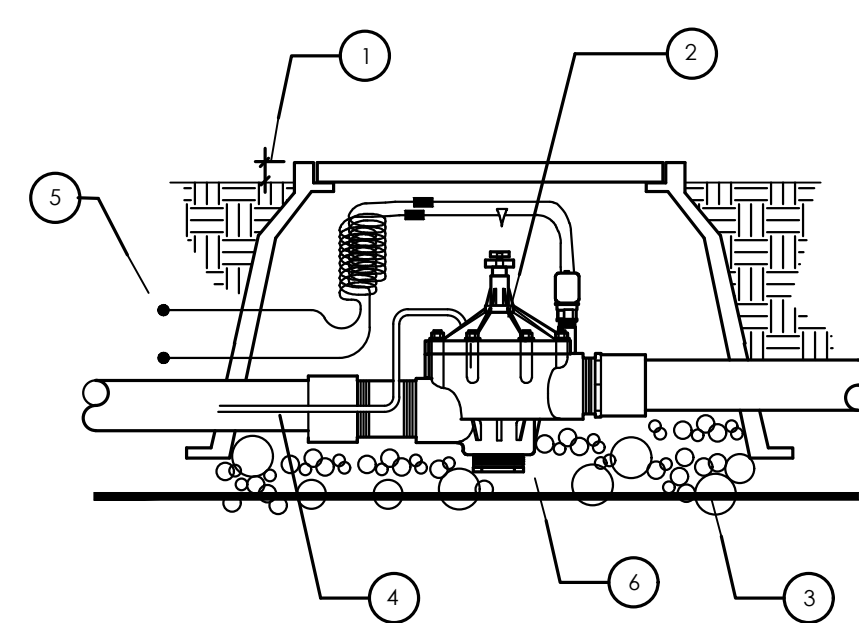
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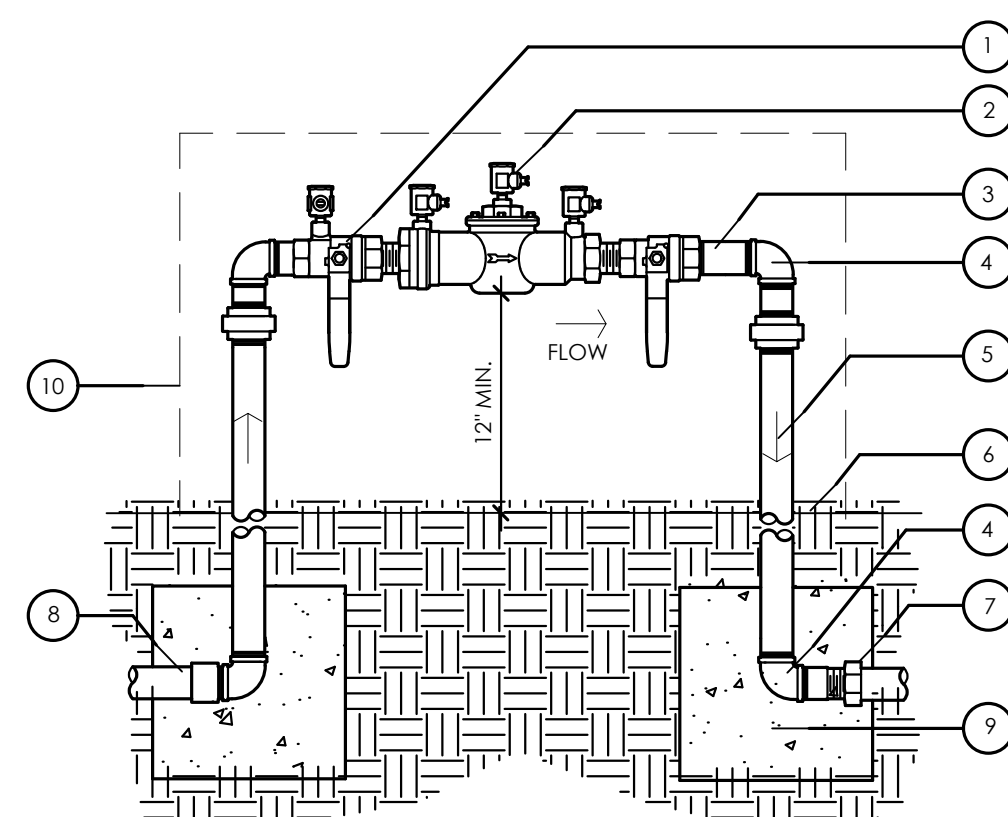
D 1" CONTROL ZONE KIT



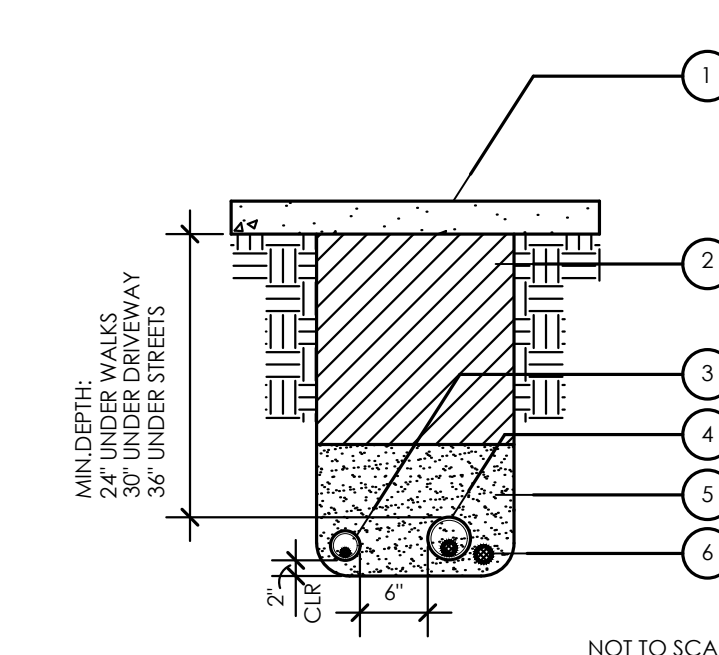
C FLOW SENSOR



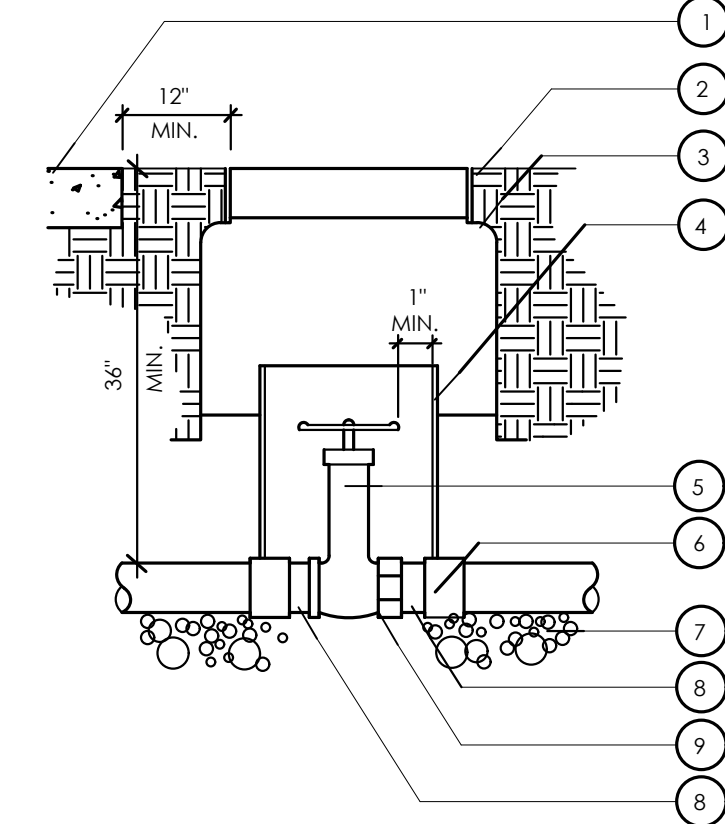
B MASTER VALVE



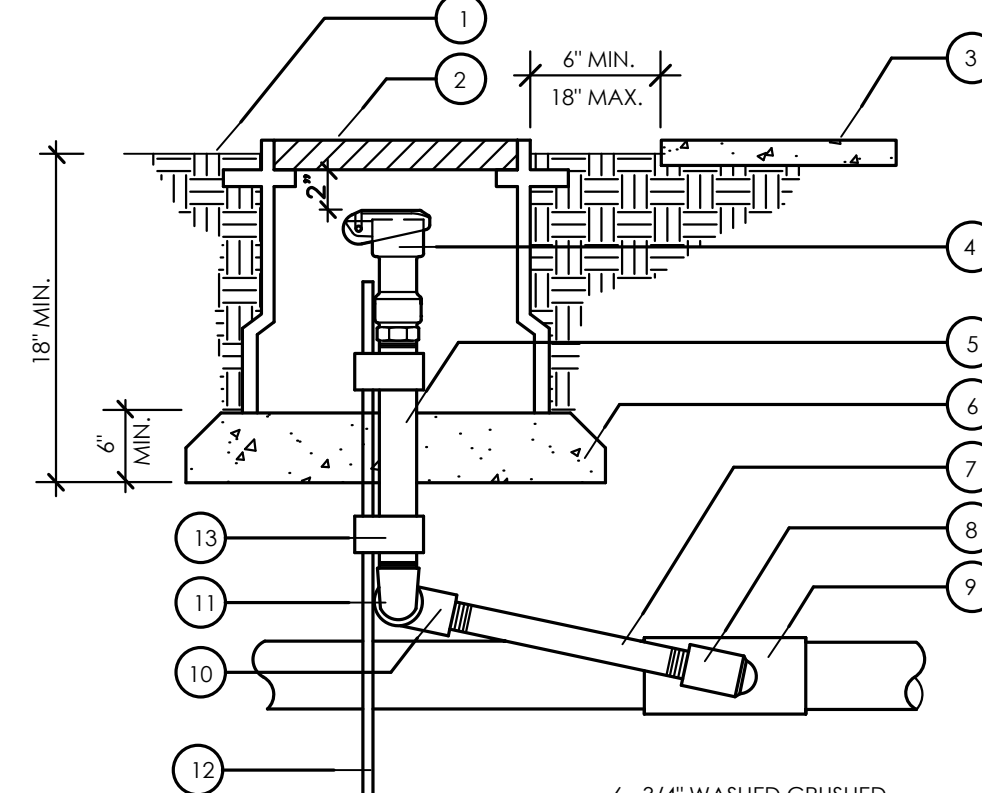
A BACKFLOW PREVENTER



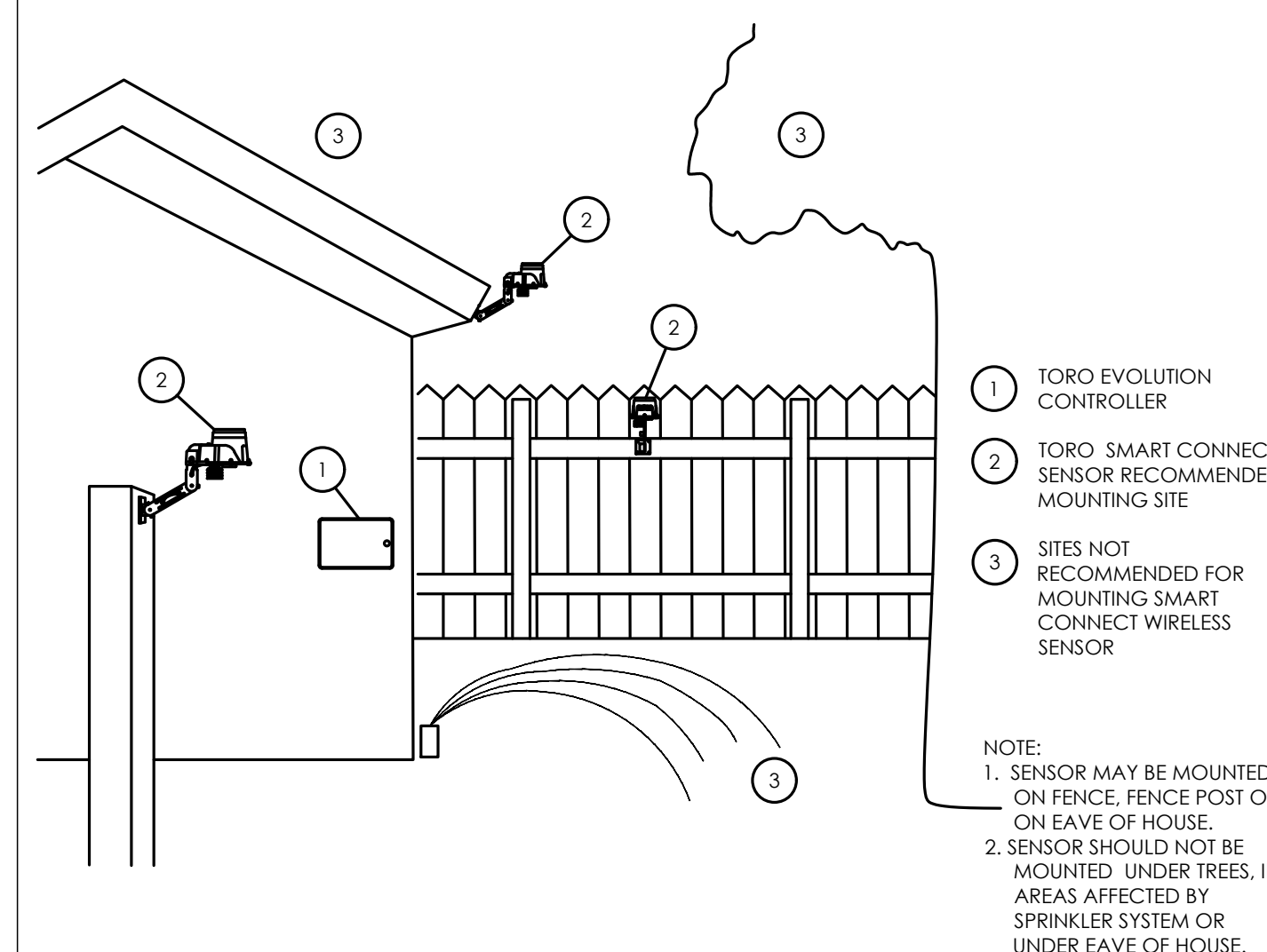
H SLEEVING



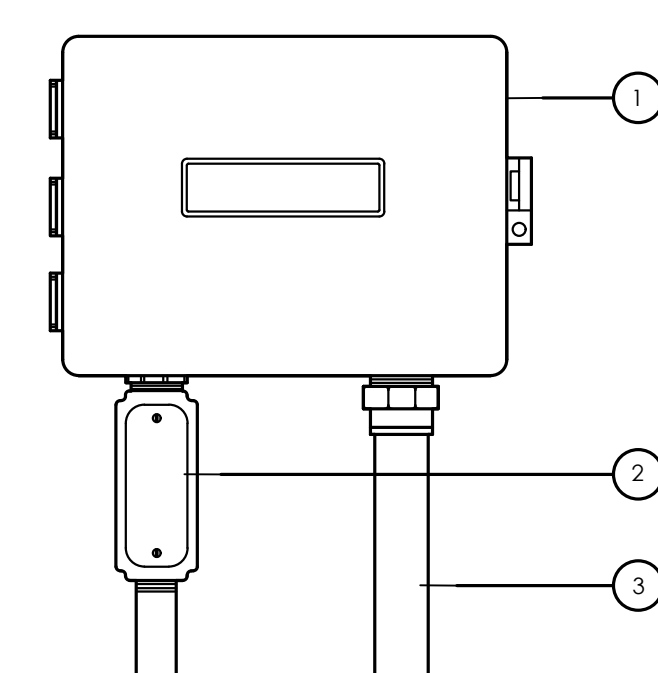
G GATE VALVE



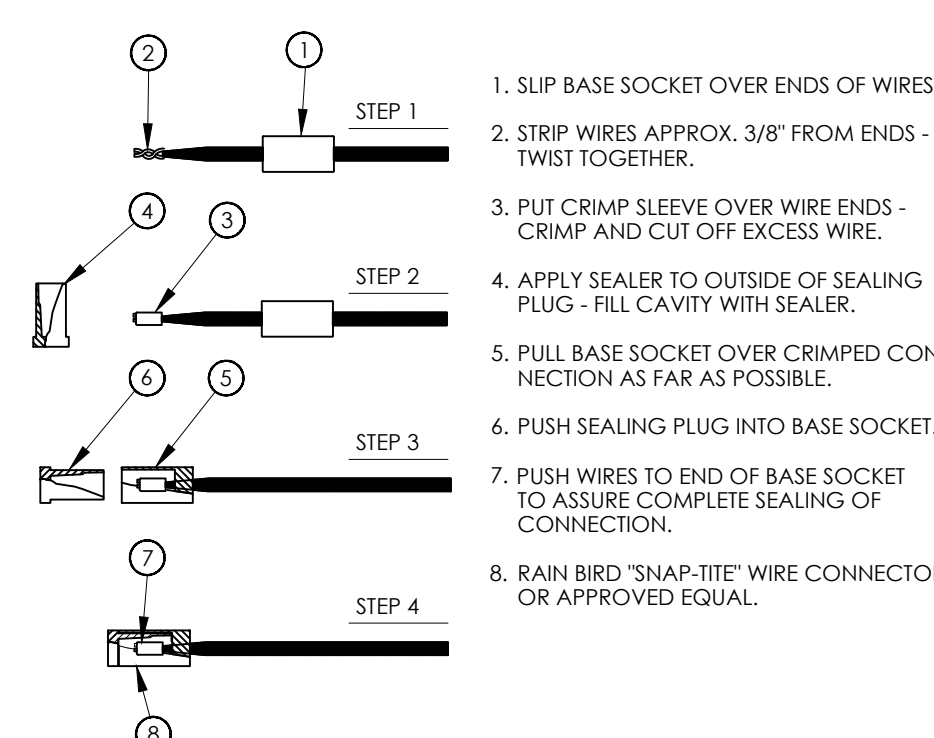
F QUICK COUPLING VALVE



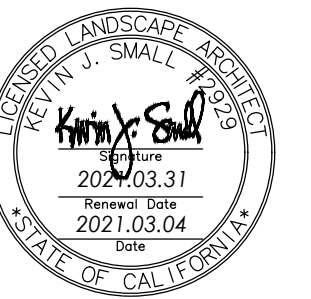
K WIRELESS WEATHER SENSOR LOCATION



J AUTOMATIC CONTROLLER WALL MOUNT



I WIRE CONNECTIONS



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SANTA MARIA VALLEY SUSTAINABLE GARDEN

624 WEST FOSTER ROAD // SANTA MARIA, CALIFORNIA 93455

MWEO IRRIGATION NOTES

DESIGN & INSTALLATION REQUIREMENTS FOR THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWEO) EFFECTIVE DECEMBER 1, 2015

- DESIGN AND INSTALLATION SHALL INCLUDE THE FOLLOWING:
- AUTOMATIC IRRIGATION CONTROLLER USING ET OR SOIL MOISTURE SENSOR DATA AREA REQUIRED.
 - LANDSCAPE WATER METERS (DEDICATED OR PRIVATE) SHALL BE INSTALLED FOR ALL NON-RESIDENTIAL LANDSCAPE OF 1,000 SQUARE FEET BUT NOT MORE THAN 5,000 SQUARE FEET OR GREATER.
 - RESIDENTIAL OVER 5,000 SQUARE FEET.
 - RAIN, FREEZE AND WIND SENSORS ARE REQUIRED, AS NEEDED FOR LOCAL CLIMATE.
 - FLOW SENSORS THAT DETECT HIGH FLOW ARE REQUIRED FOR ALL NON-RESIDENTIAL LANDSCAPES AND RESIDENTIAL 5,000 SQUARE FEET.
 - PRESSURE REGULATING DEVICES ARE REQUIRED. LOW FLOW WILL NEED BOOSTER.
 - CHECK VALVE AND ANTI-DRAIN VALVES ARE REQUIRED WHERE LOW HEAD DRAINAGE COULD OCCUR.
 - NO OVERHEAD IRRIGATION WITHIN 24 INCHES OF ANY NON-PERMEABLE SURFACE.
 - LOW VOLUME (DRIP) IRRIGATION IS REQUIRED ON MULCHED PLANTING AREAS.
 - AREAS LESS THAN 10 FEET IN WIDTH IN ANY DIRECTION MUST BE IRRIGATED WITH SUBSURFACE IRRIGATION OR ANOTHER MEANS THAT PRODUCES NO RUNOFF.
 - ALL SPRINKLER HEADS MUST DOCUMENT A LOWER QUARTER DISTRIBUTION UNIFORMITY (DULQ) OF 65% OR HIGHER.
 - EMISSION DEVICES MUST HAVE MATCHED PRECIPITATION RATES.
 - SOIL MANAGEMENT REPORT THAT INCLUDES SOIL ANALYSIS: TEXTURE, INFILTRATION RATE, PH, SOLUBLE SALTS, SODIUM, % ORGANIC, RECOMMENDATIONS.

- SOIL PREPARATION:
- PRIOR TO PLANTING COMPACTED SOIL SHALL BE TRANSFORMED TO A FRIABLE CONDITION.
 - INSTALLATION: COMPOST AT A MINIMUM RATE OF FOUR CUBIC YARDS PER 1,000 SQUARE FEET OF PERMEABLE AREA SHALL BE INCORPORATED TO A DEPTH OF 6 INCHES INTO SOIL.

- IRRIGATION AUDITS:
- LANDSCAPE AUDITS SHALL NOT BE CONDUCTED BY THE PERSON WHO DESIGN OR INSTALLED THE LANDSCAPE AND CONDUCTED IN A MANNER CONSISTENT WITH THE IA LANDSCAPE IRRIGATION AUDIT OR "WATERSENSE" LABELING AUDIT BY USEPA. 2. CERTIFICATE OF COMPLETION SUBMITTED TO LOCAL AGENCY FOR APPROVAL.

County of Santa Barbara Water Efficient Landscape Ordinance
Landscape Documentation Package and Certification of Completion Forms

Appendix B - Water Efficient Landscape Work sheet

Reference Evapotranspiration (ET_o): 47.4

Project:

Hydrozone # /Planting Description a	Plant Factor (PF)	Irrigation Method b	Irrigation Efficiency (IE)c	ETAF (PF/IE)	Landscape Area (sq. ft.)	ETAF x Area	Estimated Water (ETWU) e	Total Use
Regular Landscape Areas								
Very Low	0.1	drip	0.81	0.12				
Low	0.2	drip	0.81	0.25	10,831.00	2,674.32		78,592.95
Low	0.3	drip	0.81	0.37				
Medium	0.5	drip	0.81	0.62	944.00	582.72		17,124.86
Non-irrigated	0		0.81	0.00	306.00			
					Totals	12,081.00	3,257.04	95,717.80
Special Landscape Areas								
Turf				1				
					Totals			
							ETWU Total	95,717.80
Maximum Allowed Water Allowance (MAWA):								159,766.39

- a Hydrozone #/Planting Description**
E.g.
1.) front lawn
2.) medium water use planting
- b Irrigation Method**
overhead spray
or drip
- c Irrigation Efficiency**
0.75 for spray head
0.81 for drip
- d ETWU (Annual Gallons Required)**
= Eto x 0.62 x ETAF x Area
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year.
- e MAWA (Annual Gallons Allowed)**
= (Eto) (0.62) [(ETAF x LA) + ((1-ETAF) x SLA)]
where 0.62 is a conversion factor that converts acre- inches per acre per year to gallons per square foot per year, LA is the total landscape area in square feet, SLA is the total special landscape area in square feet, and ETAF is .55 for residential areas and 0.45 for non-residential areas.

ETAF Calculations:
Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

All Landscape Areas		Regular	
Total ETAF x Area (B+D)	3,257.04	Total ETAF x Area (B)	3,257.04
Total Area (A+C)	12,081.00	Total Area (A)	12,081.00
Sitewide ETAF (B+D) ÷ (A+C)	0.27	Average ETAF (B ÷ A)	0.27



REVISION DATE

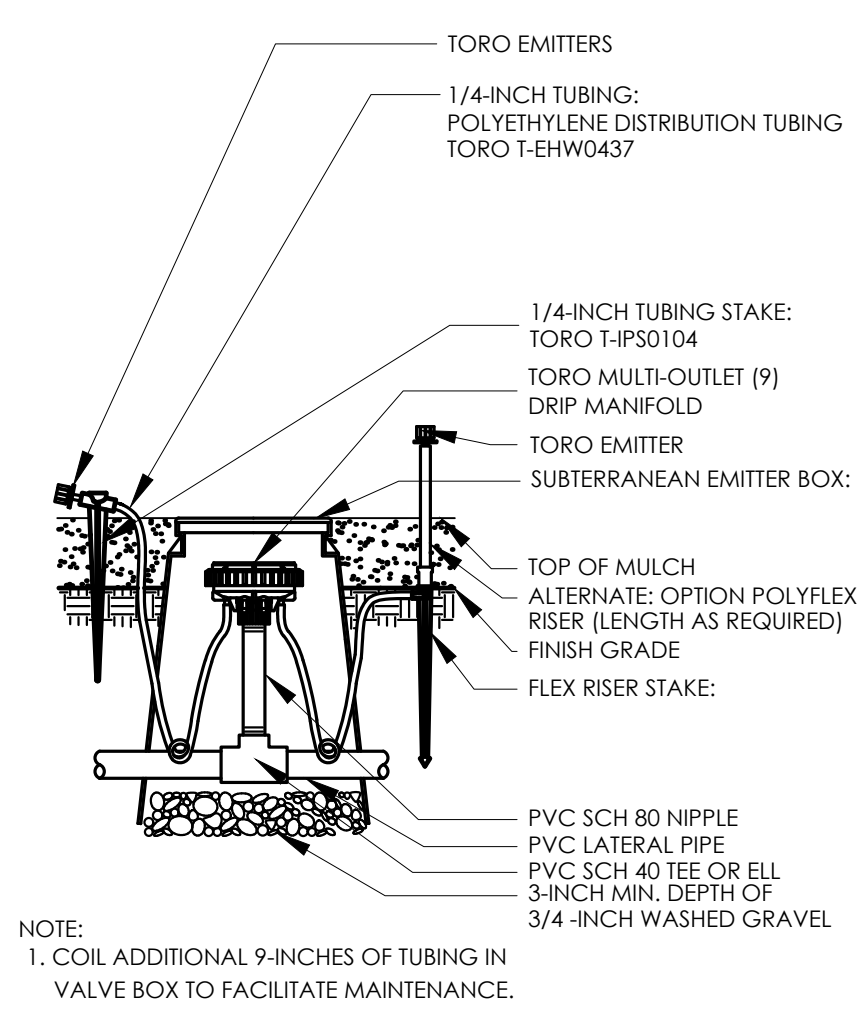
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2	CLIENT COMMENTS	2019.10.25
3	CLIENT COMMENTS	2020.02.11
4	CLIENT COMMENTS	2020.10.05
5	CLIENT COMMENTS	2021.01.05

SHEET TITLE
IRRIGATION DETAILS & NOTES

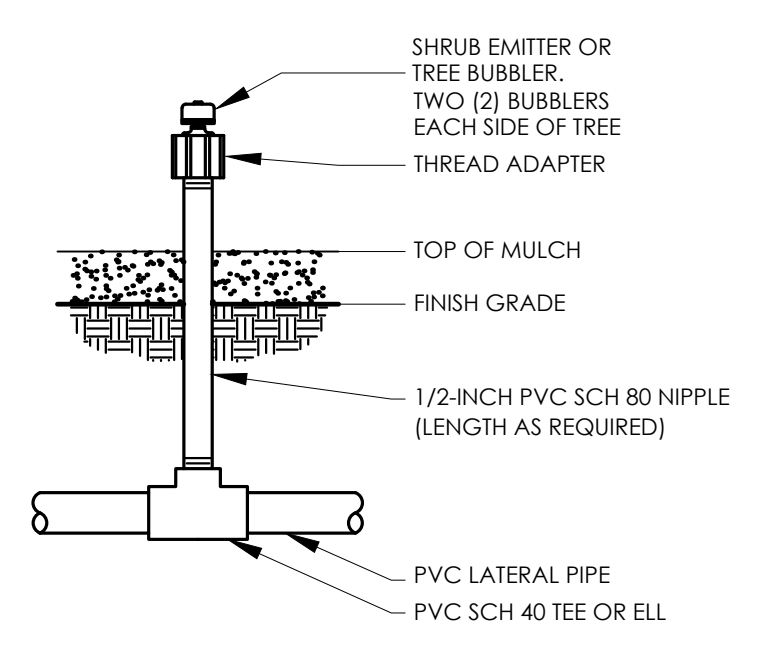
OWNER Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101
T: 805.568.3440

DATE 2021.03.04
PROJECT NO. 21913
SHEET NO.

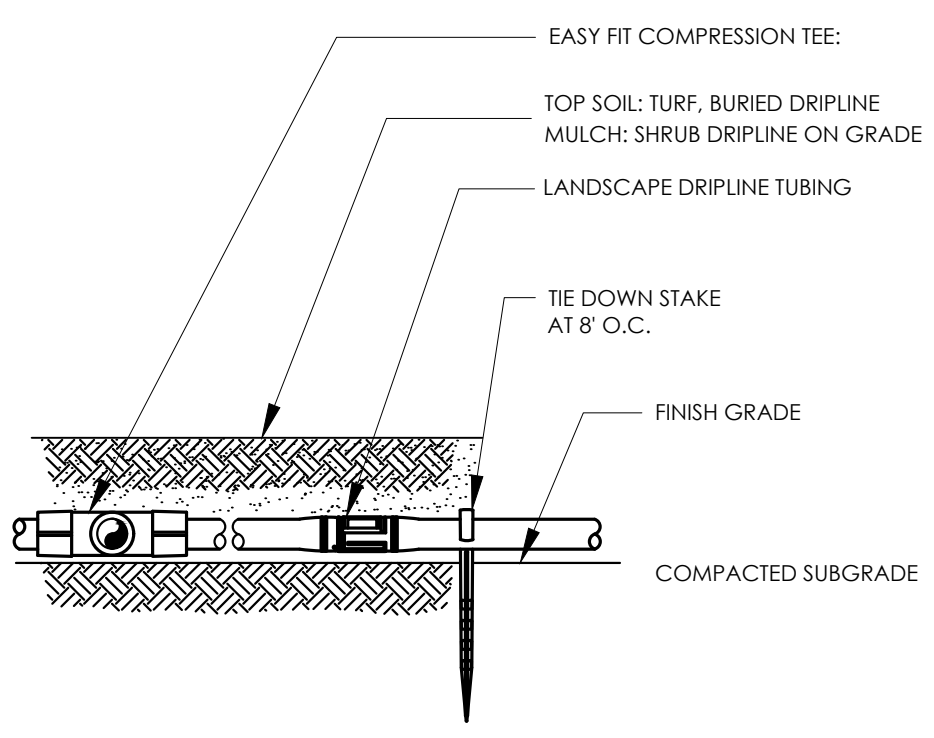
L MULTI-OUTLET DRIP MANIFOLD IN VALVE BOX



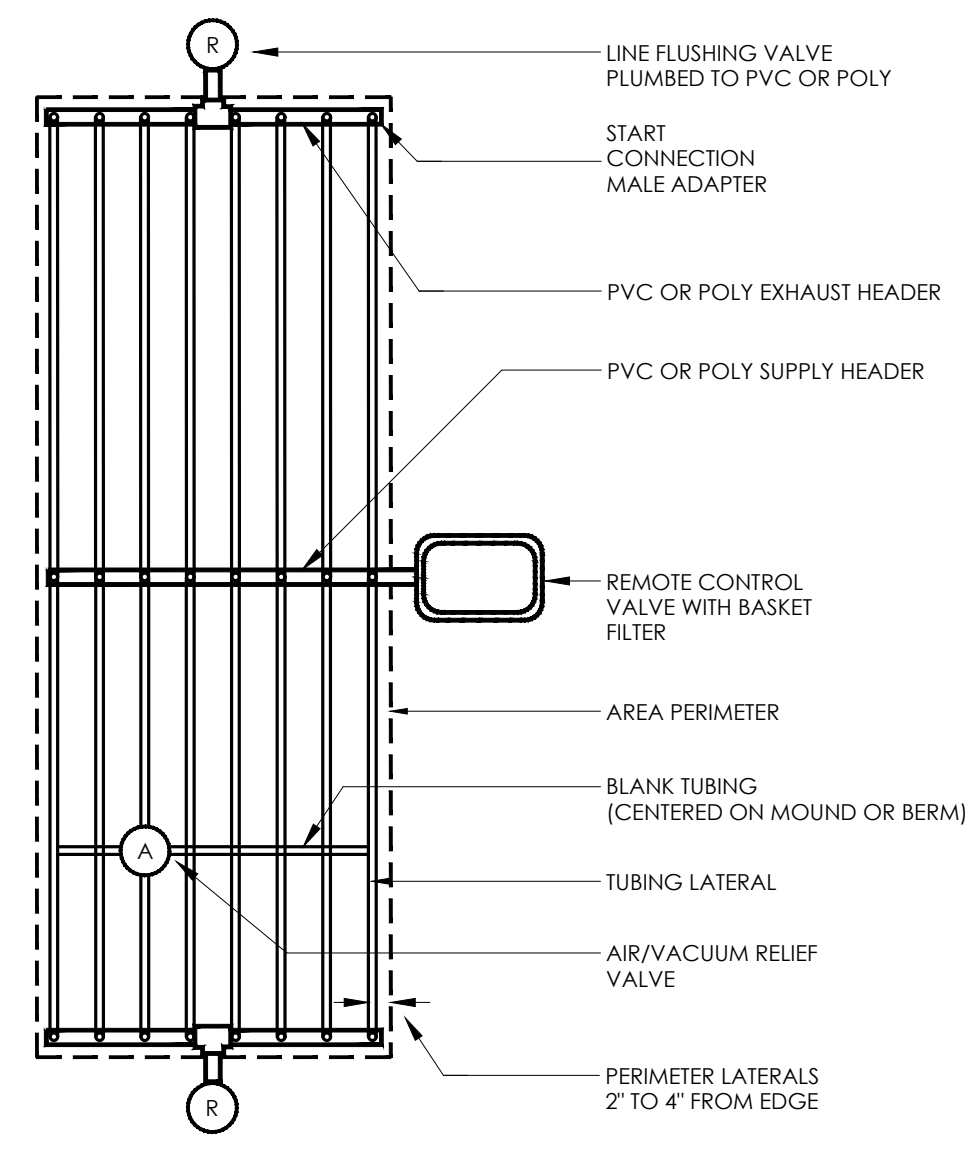
M EMITTER ON A SCH 80 RISER



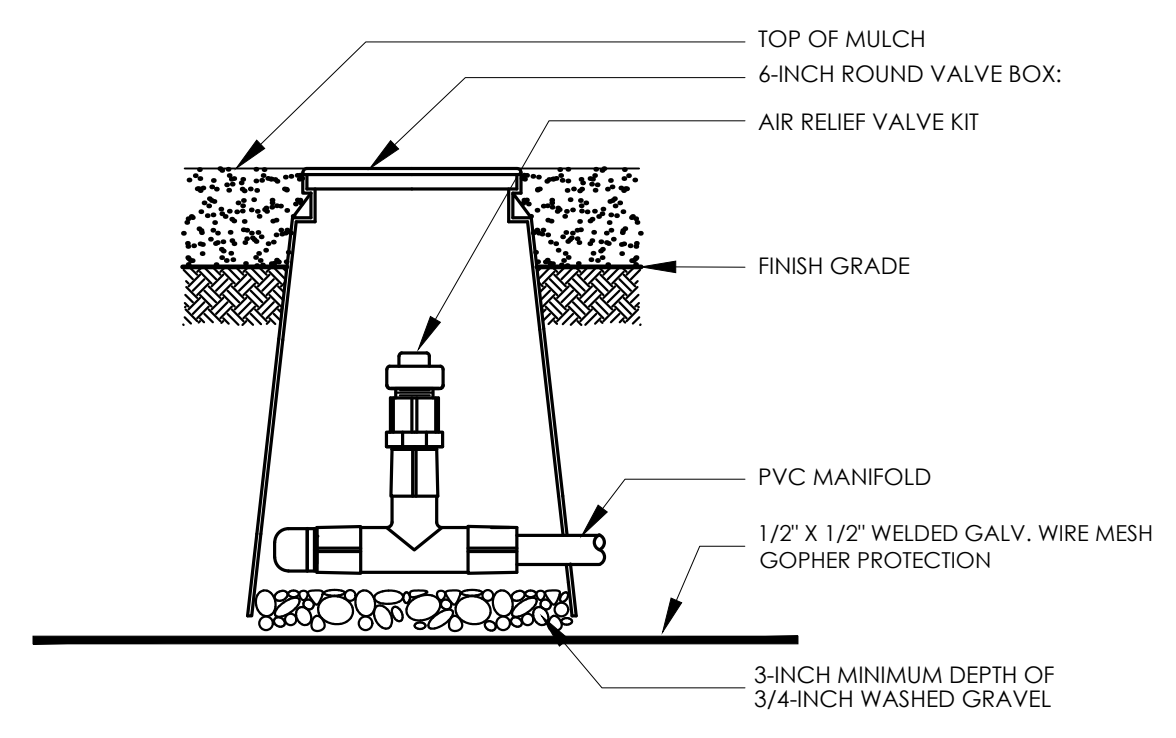
N DRIPLINE ON GRADE



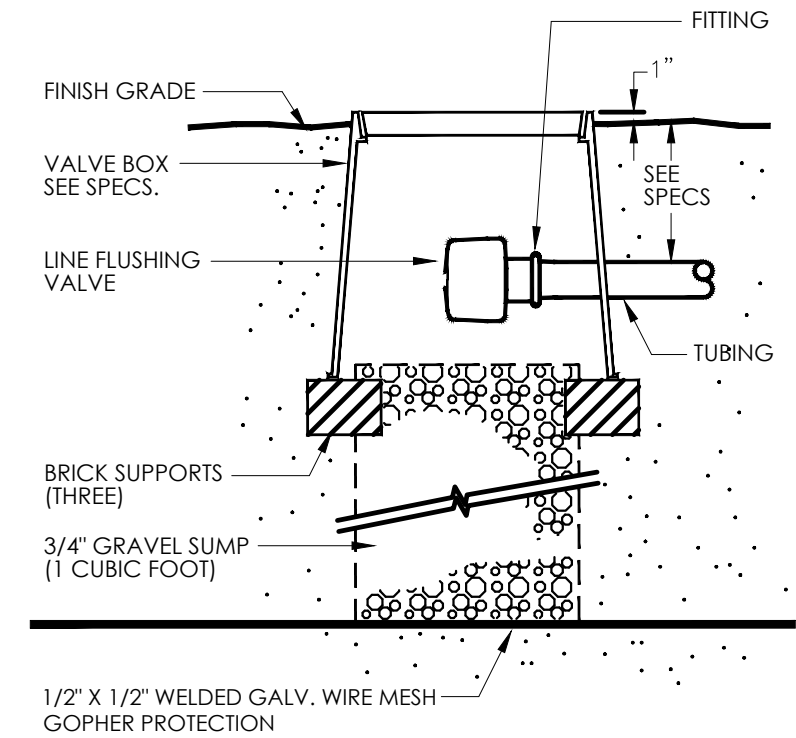
O DRIPLINE CENTER FEED LAYOUT

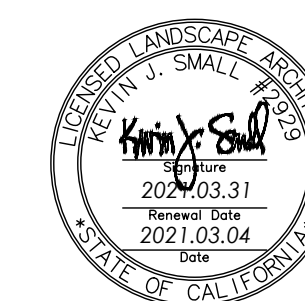


P AIR RELIEF VALVE IN KIT



Q LINE FLUSHING VALVE





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SANTA MARIA VALLEY SUSTAINABLE GARDEN

624 WEST FOSTER ROAD // SANTA MARIA, CALIFORNIA 93455

REVISION DATE		
1	CLIENT COMMENTS	2019.01.10
2	CLIENT COMMENTS	2019.10.25
3	CLIENT COMMENTS	2020.02.11
4	CLIENT COMMENTS	2020.10.05
5	CLIENT COMMENTS	2021.01.05

SHEET TITLE

PLANTING PLAN

OWNER Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101

T: 805.568.3440

DATE 2021.03.04

PROJECT NO. 21913

SHEET NO.

L-4.0

PLANT LEGEND

TREES

SYMBOL	NAME
T1	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' NATCHEZ CRAPE MYRTLE
T2	EXISTING TREE TO REMAIN
T3	EXISTING TREE TO BE REMOVED

SHRUBS

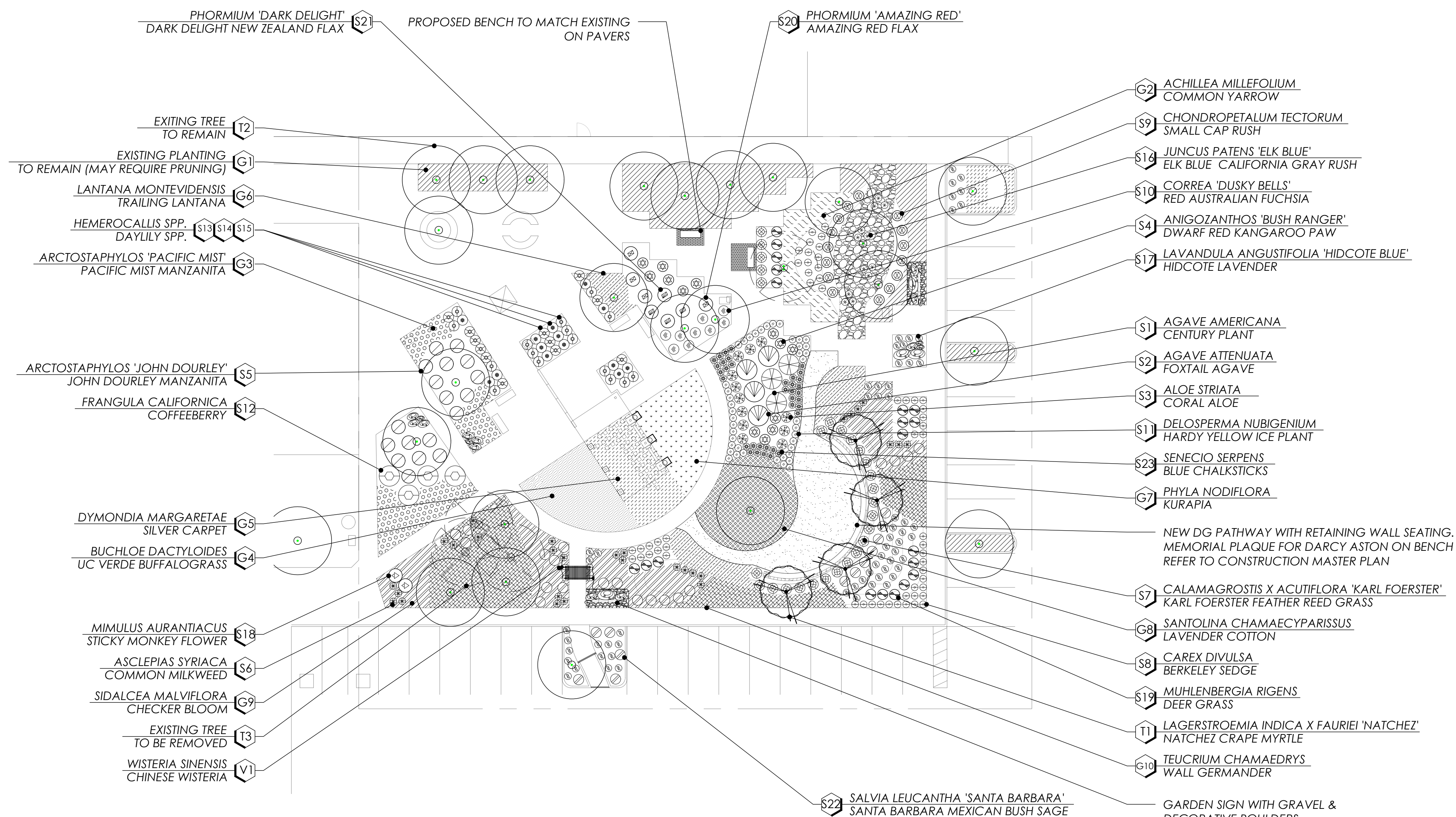
SYMBOL	NAME
S1	AGAVE AMERICANA CENTURY AGAVE
S2	AGAVE ATTENUATA FOXTAIL AGAVE
S3	ALOE STRIATA CORAL ALOE
S4	ANIGOZANTHOS 'BUSH RANGER' DWARF RED KANGAROO PAW
S5	ARCTOSTAPHYLOS 'JOHN DOURLEY' JOHN DOURLEY MANZANITA
S6	ASCLEPIAS SYRIACA COMMON MILKWEED
S7	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' KARL FOERSTER FEATHER REED GRASS
S8	CAREX DIVULSA BERKELEY SEDGE
S9	CHONDROPETALUM TECTORUM SMALL CAPE RUSH
S10	CORREA 'DUSKY BELLS' RED AUSTRALIAN FUCHSIA
S11	DELOSPERMA NUBIGENUM HARDY YELLOW ICE PLANT
S12	FRANGULA CALIFORNICA COFFEEBERRY
S13	HEMEROCALLIS 'STELLA DE ORO' STELLA DE ORO DAYLILY
S14	HEMEROCALLIS FULVA ORANGE DAYLILY
S15	HEMEROCALLIS 'LITTLE RICH' LITTLE RICH DAYLILY
S16	JUNCUS PATENS 'ELK BLUE' ELK BLUE CALIFORNIA GRAY RUSH
S17	LAVANDULA ANGUSTIFOLIA 'HIDCOTE BLUE' HIDCOTE LAVENDER
S18	MIMULUS AURANTIACUS STICKY MONKEY FLOWER
S19	MUHLENBERGIA RIGENS DEER GRASS
S20	PHORMIUM 'AMAZING RED' AMAZING RED FLAX
S21	PHORMIUM 'DARK DELIGHT' DARK DELIGHT FLAX
S22	SALVIA LEUCANTHA 'SANTA BARBARA' SANTA BARBARA MEXICAN BUSH SAGE
S23	SENECIO SERPENS BLUE CHALKSTICKS

GROUNDCOVERS

SYMBOL	NAME
G1	EXISTING PLANTING TO REMAIN
G2	ACHILLEA MILLEFOLIUM COMMON YARROW
G3	ARCTOSTAPHYLOS 'PACIFIC MIST' PACIFIC MIST MANZANITA
G4	BUCHLOE DACTYLOIDES UC VERDE BUFFALOGRASS
G5	DYMONDIA MARGARETAE SILVER CARPET
G6	LANTANA MONTEVIDENSIS TRAILING LANTANA
G7	PHYLLODENDRON KURAPIA
G8	SANTOLINA CHAMAECYPARISSUS LAVENDER COTTON
G9	SIDALCEA MALVIFLORA CHECKER BLOOM
G10	TEUCRIUM CHAMAEDRYDYS WALL GERMANDER

VINES

SYMBOL	NAME
V1	WISTERIA SINENSIS CHINESE WISTERIA

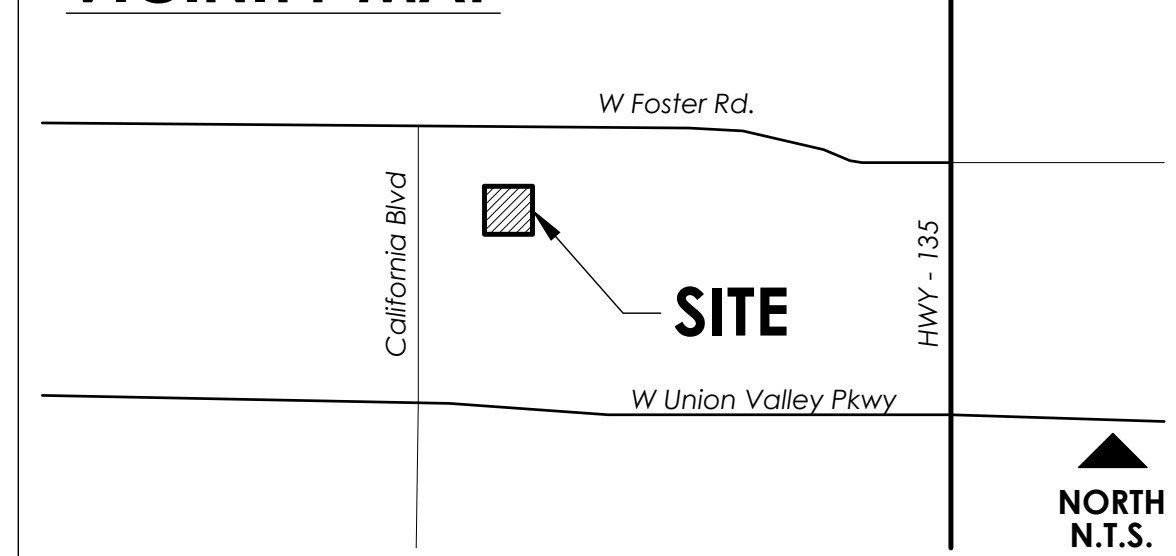


PLANTING PLAN

0 10 20 40
SCALE: 1" = 20'-0" NORTH



VICINITY MAP



I HAVE COMPLIED WITH THE CRITERIA OF THE 2015 UPDATE TO THE STATE DEPARTMENT OF WATER RESOURCES MODEL WATER EFFICIENT LANDSCAPE ORDINANCE, INCLUDING INCORPORATING RECOMMENDATIONS OF THE SOIL ANALYSIS REPORT, AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

Kevin J. Small
DESIGNER SIGNATURE
2021.03.04
DATE

GENERAL PLANTING NOTES

- 1. REMOVE ALL DEBRIS, WEEDS, EXCESS MATERIAL AND ROCKS LARGER THAN 3" IN DIAMETER FROM PLANTING AREAS.
2. CROSS RIP ALL TURF AND PLANTING AREAS TO A DEPTH OF 12" AND BLEND THE FOLLOWING AMENDMENT INTO THE TILLED SOIL TO A DEPTH OF 6'.
2.1. PER LANDSCAPE SOIL ANALYSIS REPORT.
3. SOIL AMENDMENT AND BACKFILL MIX ARE PROVIDED FOR BIDDING PURPOSES ONLY. THE CONTRACTOR SHALL PROVIDE FOR IN HIS BID FOR A SOIL AGRONOMY REPORT BY AN APPROVED SOIL AGRONOMIST UPON COMPLETION OF THE ROUGH GRADING. ACTUAL SOIL AMENDMENTS AND BACKFILL MIX SHALL BE AS PER SOIL AGRONOMISTS REPORT AND RECOMMENDATIONS.
4. FINE PRUNE ALL SPECIMEN TREES AFTER PLANTING UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT.
5. ALL SPECIMEN TREES SHALL BE SELECTED AT THE SOURCE BY THE LANDSCAPE ARCHITECT.
6. UPON COMPLETION, REMOVE ALL EXTRANEUS MATERIAL AND DEBRIS, BROOM AND WASH CLEAN AREA.
7. ACTUAL SYMBOLS SHALL HAVE PRIORITY OVER WRITTEN QUANTITIES. CONTRACTOR SHALL VERIFY QUANTITIES AND NOTIFY LANDSCAPE ARCHITECT OF DISCREPANCIES.
8. ALL PLANT MATERIAL, COLOR, SIZE AND QUANTITIES ARE TO BE VERIFIED WITH OWNER.
9. ALL SUBSTITUTIONS SHALL BE APPROVED BY LANDSCAPE ARCHITECT AND OWNER, PRIOR TO INSTALLATION.
10. ALL FLOW LINES ESTABLISHED BY GRADING PLAN SHALL BE MAINTAINED BY FINISH GRADING. MAINTAIN 1.5% MINIMUM FLOW IN ALL PLANTER AREAS.

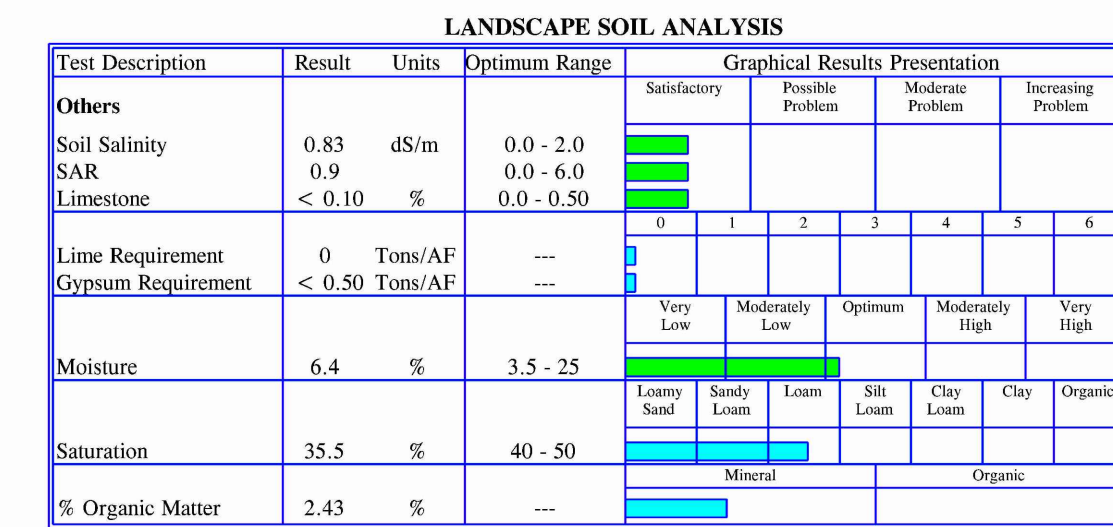
PLANTING LEGEND NOTES

- 1. ALL TREES ARE TO BE STAKED PER DETAIL A,B/L-4.2.
2. ALL SHRUBS AND GROUNDCOVERS ARE TO BE PLANTED PER C,D/L-4.2.
3. ALL VINES ARE TO BE PLANTED PER DETAIL C/L-4.2, AND ATTACHED TO WALL PER DETAIL E/L-4.2. REFERENCE DETAIL J/L-2.1 FOR MORE INFO.
4. CONTRACTOR IS TO PROVIDE AN AUTOMATIC IRRIGATION SYSTEM WITH 100% COVERAGE AND SEPARATE SUN/SHADE AND TURF/GROUNDCOVER SYSTEMS. REFER TO IRRIGATION PLANS FOR SPECIFICS OF INSTALLATIONS.
5. CONTRACTOR SHALL NOT DETOUR FROM ANY OF THE PLANT MATERIAL ON THE LIST UNLESS CONSULTING WITH THE LANDSCAPE ARCHITECT FIRST.
6. CONTRACTOR SHALL INSTALL HEADER AT THE EDGE OF ALL TURF TO SHRUB AREAS. SEE DETAILS FOR MATERIAL.
7. ALL SHRUB AREAS SHALL RECEIVE A 3" LAYER OF MEDIUM SIZED FIR MULCH 1/2" TO 1" IN DIAMETER. TOP SURFACE OF MULCH SHALL BE A MINIMUM OF 1" BELOW ANY ADJACENT HARDSCAPE. "GORILLA HAIR" OR POST CONSTRUCTION WASTE WILL NOT BE ACCEPTED.
8. ALL SLOPE AREAS 3:1 OR GREATER SHALL HAVE JUTE NETTING OR EQUIVALENT SLOPE STABILIZATION MATERIAL APPLIED ON TOP OF ANY APPLIED MULCH.
9. ALL PLANT MATERIAL, COLOR, SIZE AND QUANTITIES ARE TO BE VERIFIED WITH OWNER.

Environmental & Agricultural Analytical Chemicals logo and contact information for various office locations including Santa Maria, San Luis Obispo, and Moraga.

June 14, 2019
PleinAire Design Group

Lab ID : CC 1981889-001
Customer ID : 8-1391
Description : Garden @ SMVSG



Good, Problem, and Note indicators for the soil analysis results.

FRUIT GROWERS LABORATORY, INC.
Scott Bucy, Director of Ag. Services

SB1-KEB

Environmental & Agricultural Analytical Chemicals logo and contact information for various office locations including Santa Maria, San Luis Obispo, and Moraga.

June 14, 2019

Lab ID : CC 1981889-001
Customer ID : 8-1391

- B. Tree and Shrub Backfill Mix
1. Native (site) soil 66%
2. Organic Soil Amendment 33%
3. Commercial Fertilizer (15-15-15) 1 lb./cu. yd.
4. Iron 2 oz./cu. yd.
5. Zinc 1 oz./cu. yd.
6. Manganese 1 oz./cu. yd.
III. Leaching Requirement None
IV. Post-Plant Fertilization - lbs./1000 sq. ft. (To be applied 6 - 8 weeks after initial planting).
Nitrogen 1/2 lb.
Phosphorus 1/2 lb.
Potassium 1/2 lb.
V. Irrigation
Make certain that the irrigation water being applied is penetrating to a depth slightly greater than the root zone of the plants being grown.
VI. Mulch (Surface Applied Organic Materials)
Surface mulching is not recommended based on the soil analysis. However, there are many benefits to applying mulches to landscape plantings.

June 14, 2019
Lab ID : CC 1981889-001

Application Notes

The application instructions listed below apply only if the material(s) is recommended in this report on page 1. Materials not included in the recommendations are excluded either because the analyses data did not indicate a need or the analysis to determine if a need existed was not requested.

Organic Materials
Nitroloized redwood compost is preferred but other organic soil amendment mixes may be substituted depending upon the site requirements.

Limestone, Dolomite & Sulfur
These materials should be broadcast uniformly over the surface soils and then incorporated to a depth of four to six inches.

Gypsum
This material should be broadcast uniformly over surface soils for water penetration. For best results do not incorporate.

Preplant Phosphorus, Zinc, Manganese, Iron & Copper
These materials should be broadcast uniformly over the surface soils and then incorporated to a depth of four to six inches.

Nitrogen, Potassium & Magnesium
These materials are water soluble and can be applied uniformly over the soil surface, or they can be incorporated with other recommended materials.

PLANT LEGEND

TREES

Table with columns: SYMBOL, NAME, COMMENTS, SIZE, WUCOLS, QTY. Includes entries for Lagerstroemia indica, Existing Tree to Remain, and Existing Tree to Be Removed.

SHRUBS

Table with columns: SYMBOL, NAME, COMMENTS, SIZE, WUCOLS, QTY. Lists various shrub species like Agave Americana, Aloe striata, and others with their respective planting quantities and specifications.

GROUNDCOVERS

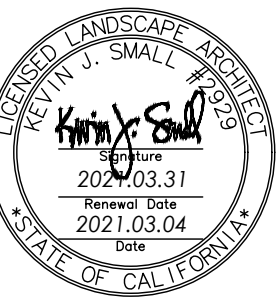
Table with columns: SYMBOL, NAME, COMMENTS, SIZE, WUCOLS, QTY. Lists groundcover species like Achillea millefolium, Artemisia, and others with planting details.

VINES

Table with columns: SYMBOL, NAME, COMMENTS, SIZE, WUCOLS, QTY. Includes Wisteria sinensis with planting details.

PLEINAIRE DESIGN GROUP

3203 Lightning St., Ste. 201 // Santa Maria, CA 93455
805.349.9695 // www.pleinairdgd.com



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SANTA MARIA VALLEY SUSTAINABLE GARDEN
624 WEST FOSTER ROAD // SANTA MARIA, CALIFORNIA 93455

REVISION DATE table with columns: #, CLIENT COMMENTS, Date. Lists revisions 1 through 5.

SHEET TITLE

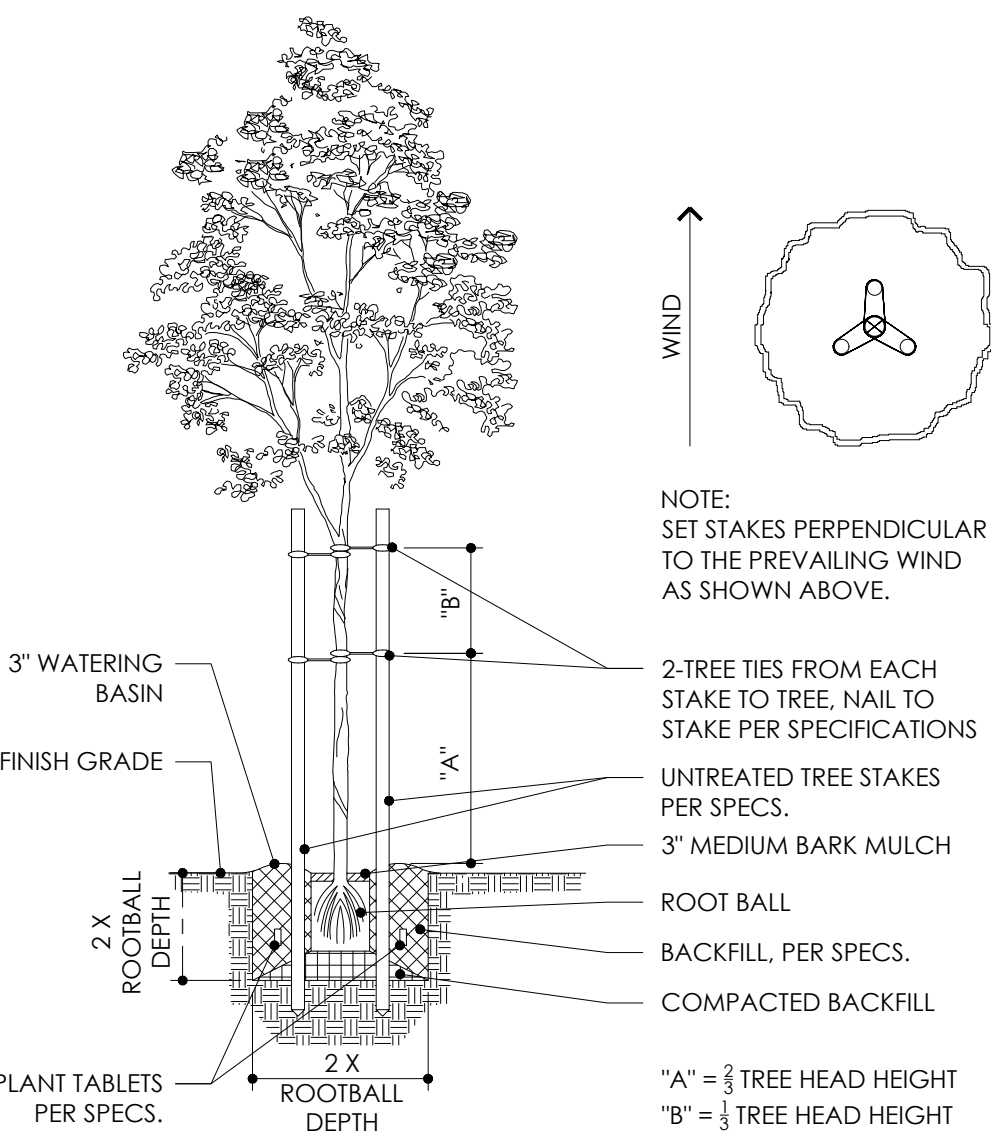
PLANTING NOTES

OWNER: Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101
T: 805.568.3440

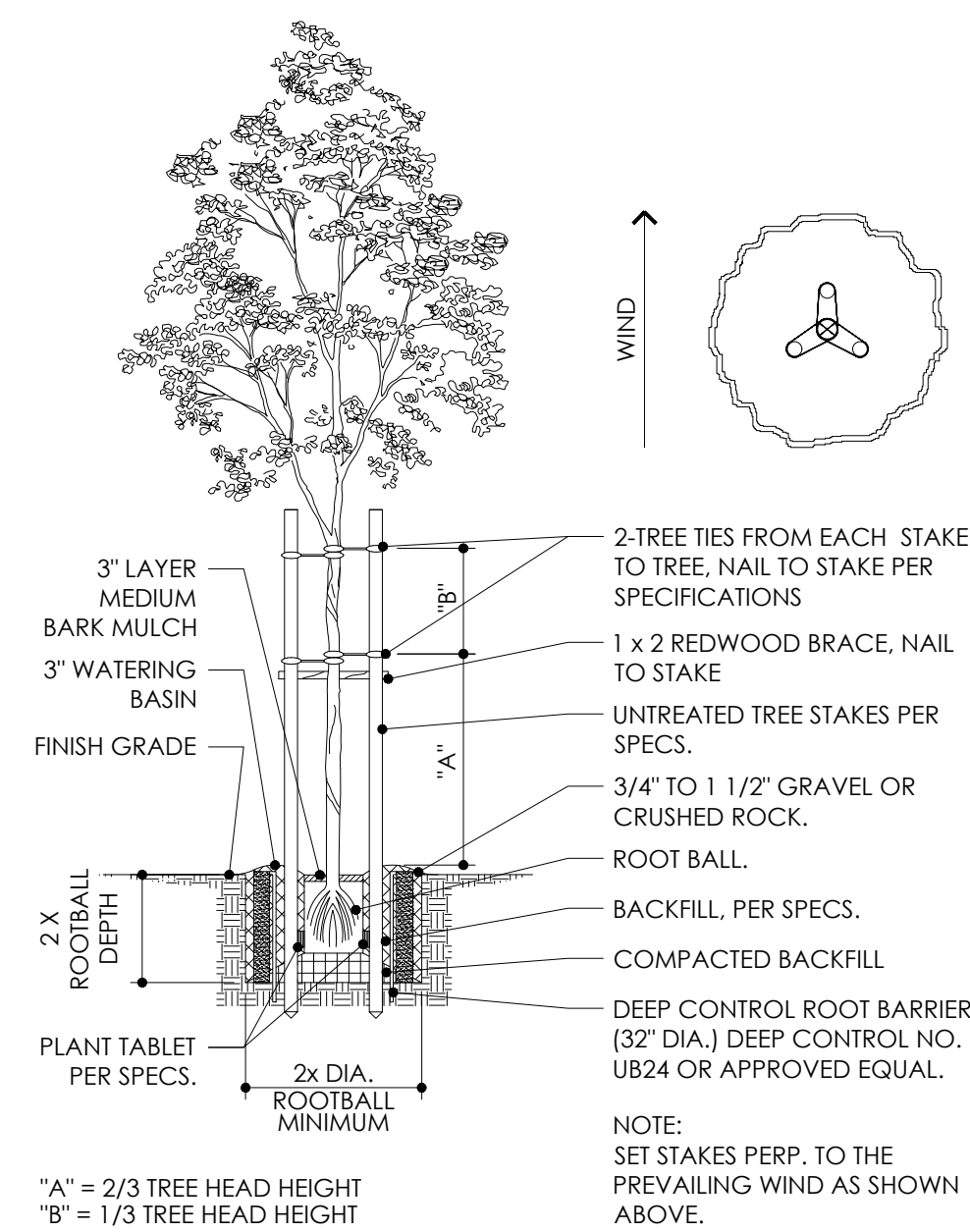
DATE: 2021.03.04
PROJECT NO.: 21913
SHEET NO.:

L-4.1

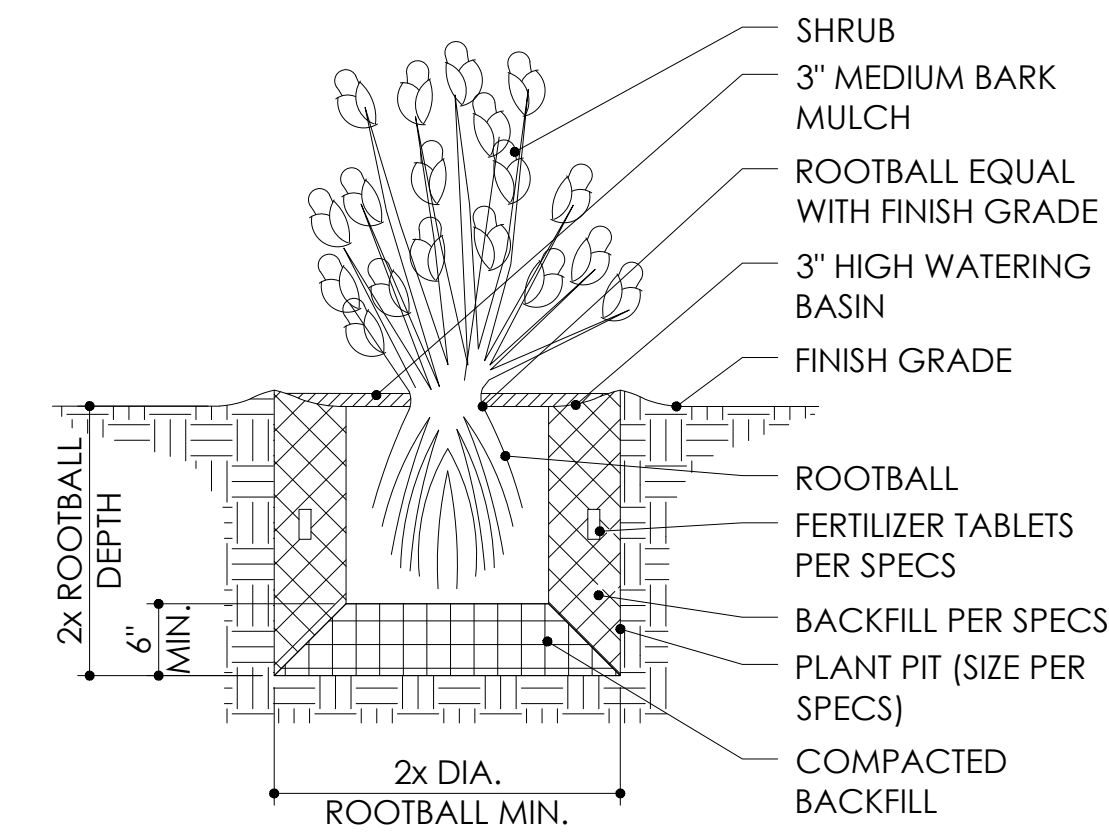
\\Kevin\1\Drawing File\County of Santa Barbara\Santa Maria Valley Sustainable Garden\Landscape\Construction\PP.dwg, 3/4/2021 2:42:43 PM, DWG To PDF.pc3



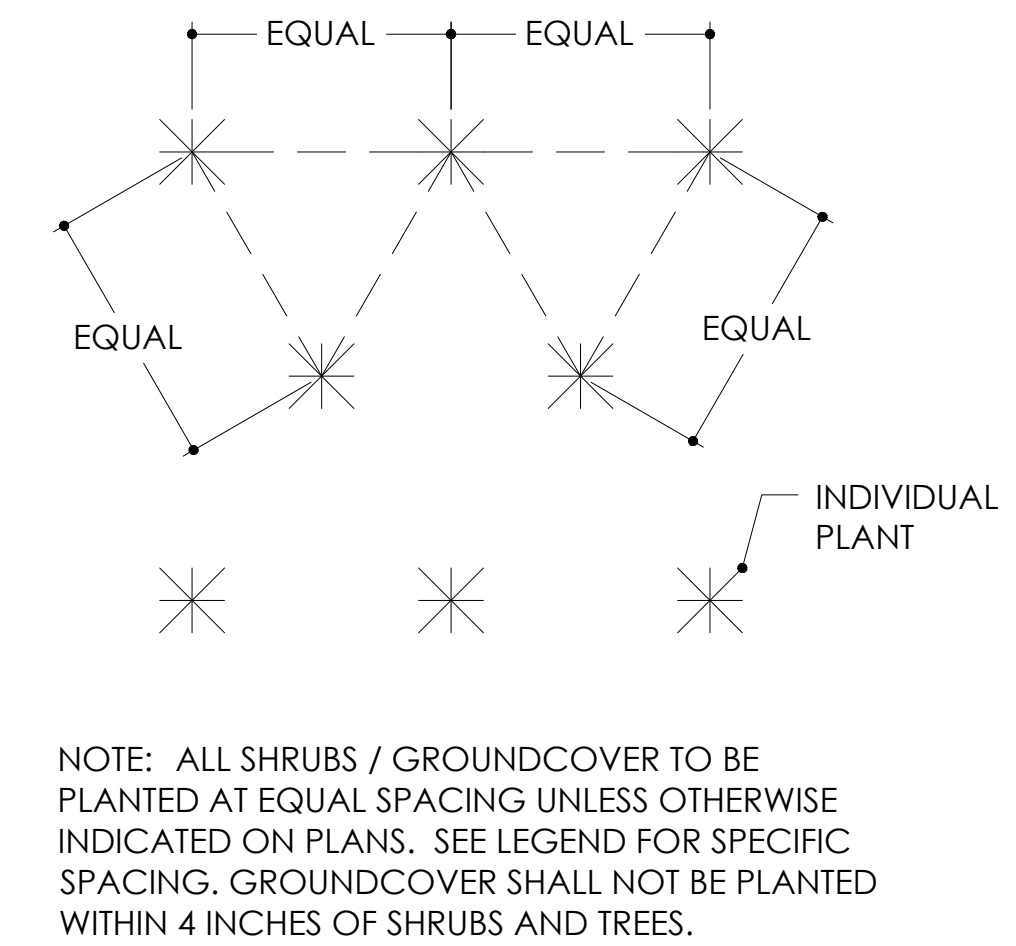
A TREE PLANTING



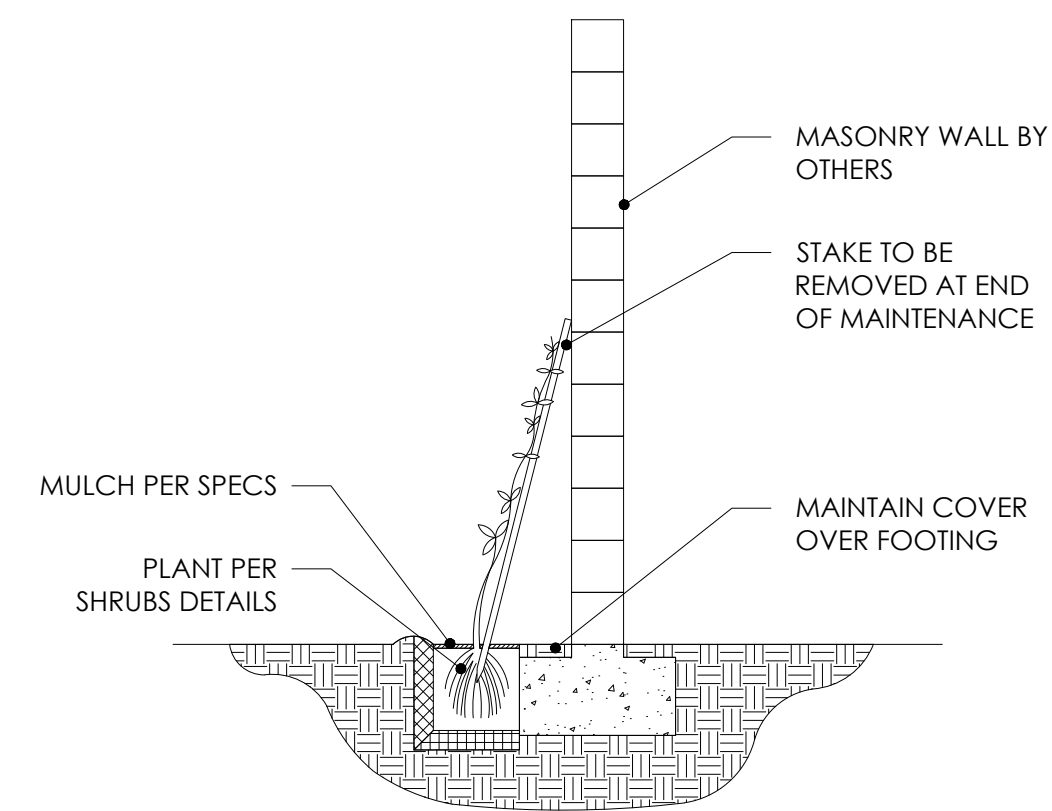
B TREE PLANTING WITH ROOT BARRIER



C SHRUB PLANTING



D GROUNDCOVER SPACING



E VINE ON WALL

CERTIFICATE OF COMPLETION
This certificate is filled out by the project applicant upon completion of the landscape project.

PART 1. PROJECT INFORMATION SHEET

Date		
Project Name		
Name of Project Applicant	Telephone No.	
	Fax No.	
Title	Email Address	
Company	Street Address	
City	State	Zip Code

Project Address and Location:

Street Address	Parcel, tract or lot number, if available.
City	Latitude/Longitude (optional)
State	Zip Code

Property Owner or his/her designee:

Name	Telephone No.	
	Fax No.	
Title	Email Address	
Company	Street Address	
City	State	Zip Code

Property Owner
I/We certify that I/we have received copies of all the documents within the Landscape Documentation Package and the Certificate of Completion and that it is our responsibility to see that the project is maintained in accordance with the Landscape and Irrigation Maintenance Schedule."

Property Owner Signature _____ Date _____

- Please answer the questions below:**
1. Date the Landscape Documentation Package was submitted to the local agency _____
 2. Date the Landscape Documentation Package was approved by the local agency _____
 3. Date that a copy of the Water Efficient Landscape Worksheet (including the Water Budget Calculation) was submitted to the local water purveyor _____

PART 2. CERTIFICATION OF INSTALLATION ACCORDING TO THE LANDSCAPE DOCUMENTATION PACKAGE
I/We certify that based upon periodic site observations, the work has been substantially completed in accordance with the ordinance and that the landscape planting and irrigation installation conform with the criteria and specifications of the approved Landscape Documentation Package."

Signature*	Date	
Name (print)	Telephone No.	
	Fax No.	
Title	Email Address	
License No. or Certification No.		
Company	Street Address	
City	State	Zip Code

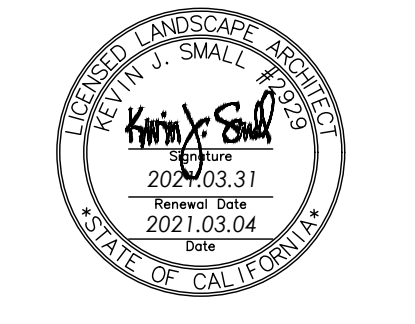
*Signer of the landscape design plan, signer of the irrigation plan, or a licensed landscape contractor.

PART 3. IRRIGATION SCHEDULING
Attach parameters for setting the irrigation schedule on controller per ordinance Section 492.10.

PART 4. SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE
Attach schedule of Landscape and Irrigation Maintenance per ordinance Section 492.11.

PART 5. LANDSCAPE IRRIGATION AUDIT REPORT
Attach Landscape Irrigation Audit Report per ordinance Section 492.12.

PART 6. SOIL MANAGEMENT REPORT
Attach soil analysis report, if not previously submitted with the Landscape Documentation Package per ordinance Section 492.5.
Attach documentation verifying implementation of recommendations from soil analysis report per ordinance Section 492.5.



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SANTA MARIA VALLEY SUSTAINABLE GARDEN
624 WEST FOSTER ROAD // SANTA MARIA, CALIFORNIA 93455

REVISION DATE

1	CLIENT COMMENTS	2019.01.10
2	CLIENT COMMENTS	2019.10.25
3	CLIENT COMMENTS	2020.02.11
4	CLIENT COMMENTS	2020.10.05
5	CLIENT COMMENTS	2021.01.05

SHEET TITLE
PLANTING DETAILS

OWNER Kalani Durham
130 E. Victoria Street, Suite 200
Santa Barbara, California 93101
T: 805.568.3440

DATE 2021.03.04
PROJECT NO. 21913
SHEET NO.

L-4.2

SANTA BARBARA COUNTY PUBLIC WORKS DEPARTMENT
WATER RESOURCES DIVISION
WATER AGENCY



**NOTICE TO BIDDERS
AND
SPECIAL PROVISIONS**

FOR

Santa Maria Valley Sustainable Garden Project

UNDER:

Bid Book dated **05/03/2021**

Standard Specifications dated 2018

COUNTY PROJECT NO. **WC8550**

BID OPENING LOCATIONS:
PlanetBids

<https://www.planetbids.com/portal/portal.cfm?CompanyID=43874>

BID OPENING TIME AND DATE:
2:00 PM on Thursday, May 27, 2021

Electronic Advertising Contract

SCOTT D. MCGOLPIN
DIRECTOR OF PUBLIC WORKS

NOTICE TO BIDDERS AND SPECIAL PROVISIONS

Santa Maria Valley Sustainable Garden Project
COUNTY PROJECT NO. WC8550

The Special Provisions contained herein have been prepared under the direction of the following Registered Persons.

Kalani Durham
PROJECT MANAGER

DATE

Matthew Young
WATER AGENCY MANAGER

DATE

Thomas D. Fayram
PUBLIC WORKS DEPUTY DIRECTOR (*APPROVED*)

DATE

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NOTICE TO BIDDERS

Bids open at **2 PM on Thursday, May 27, 2021** for:

SANTA MARIA VALLEY SUSTAINABLE GARDEN PROJECT COUNTY PROJECT NO. WC8550

Project location: The work occurs in the City of Santa Maria in Santa Barbara County, California, within County Owned Property at 624 West Foster Road, Santa Maria, CA 93455.

Project background: The Santa Maria Valley Sustainable Garden is approximately 30,000 square feet (0.7 acres) in size and is located at the County of Santa Barbara Government Center in Santa Maria, California. The garden was designed by the Landscape Architecture Program at California Polytechnic State University, San Luis Obispo and was built in 1997. The garden serves as an educational public demonstration garden with informational displays, venue for the County's sustainable gardening workshops and trainings, and a gathering place for onsite employees and visitors.

Project description: The Project will add improvements to the Santa Maria Valley Sustainable Garden. Improvements include replacement of existing features and installation of new irrigation system, plantings, decorative pavers and boulders, trellises and benches. The site will be maintained to ensure successful plant establishment.

Plans, Specifications, and Bid Book are available at no charge at <https://www.planetbids.com/portal/portal.cfm?CompanyID=43874>

The County encourages the participation of DBEs as defined in 49 CFR 26. You are encouraged to employ craftsmen and other workers from the local labor market whenever possible to do so. Local labor market is defined as the labor market within the geographical confines of the County of Santa Barbara, State of California.

Submit bids to the web address below. Bids will be opened and available at the web address below immediately following the submittal deadline.

PlanetBids

<https://www.planetbids.com/portal/portal.cfm?CompanyID=43874>

Complete the work excluding plant establishment work, within thirty (30) working days.
Complete the work, including plant establishment work within one hundred (100) working days.
Complete the plant establishment work within seventy (70) working days.
Plant establishment work shall also include project maintenance work.

The estimated cost of the project is **\$154,000.00**.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

For each bid all forms must be filled out as indicated in the bid documents. The entire Bid Book must be submitted to PlanetBids when you bid.

Prevailing wages are required on this Contract. The Director of the California Department of Industrial Relations determines the general prevailing wage rates. Obtain the wage rates at the DIR website, <https://www.dir.ca.gov/>.

The Bidder shall possess a Class A General Engineering Contractor license or a C-27 Landscaping Contractor license at the time this contract is awarded. Failure to possess the required license(s) shall render the Bid as non-responsive and shall act as a bar to award of the Contract to any bidder not possessing said license.

Inquiries or questions based on alleged patent ambiguity of the plans, specifications, or estimate must be submitted as a bidder inquiry by 5:00 PM on the Friday of the week preceding the bid opening. Submittals after this date will not be addressed. Questions pertaining to this Project prior to Award of the Contract must be submitted via PlanetBids Q&A tab.

Bidders (Plan Holders of Record) will be notified by electronic mail if addendums are issued. The addendums, if issued, will only be available on PlanetBids, <https://www.planetbids.com/portal/portal.cfm?CompanyID=43874>

The OWNER reserves the right to reject any or all bids, to waive any informalities and/or inconsistencies in a bid, and to make awards to the lowest responsive, responsible bidder as it may best serve the interest of the OWNER.

Thomas D. Fayram
Deputy Director, Public Works
Water Resources Division

COPY OF BID ITEM LIST

Item No.	F ¹	Item Code	Description	Unit	Quantity	Unit Price	Total Price
1		130100	Job Site Management	LS	1		
2		170103	Clearing and Grubbing	LS	1		
3		200111A	Place Decorative Boulders (County Supplied)	EA	29		
4		200121	Decorative Pavers	SF	100		
5		200131	Decorative Stone	SF	62		
6		202006A	Grading and Soil Preparation	LS	1		
7		204000	24" Box Trees	EA	4		
8		204001A	15 Gal Shrubs	EA	22		
9		204001B	5 Gal Shrubs	EA	171		
10		204001C	1 Gal Shrubs	EA	1045		
11		204045	Sod	SF	1005		
12		204099	Plant Establishment Work	LS	1		
13		205034	Decomposed Granite	SF	904		
14		205035	Bark Mulch	CY	101		
15		206005A	Steel Edge	LF	264		
16		206300A	Irrigation System	LS	1		
17		570300A	Trellis (Replacement)	LS	1		
18		570300B	Trellis (Butterfly)	LS	1		
19		729010A	EZ-FLO MAXX-Pest Control	LS	1		
20		790100A	Memorial Bench	LS	1		
21		790100B	Picnic Bench	EA	2		
22		790100C	Bench	EA	2		
23		790200	Memorial Plaque	EA	1		
24		999990	Mobilization	LS	1		
TOTAL BID							

¹ "F" denotes Final Pay Item

SANTA BARBARA COUNTY PUBLIC WORKS DEPARTMENT PROVISIONS

The work provided herein must be performed in accordance with the *Caltrans Standard Specifications*, 2018 edition (*Standard Specifications*). The *Standard Specifications* are incorporated herein by reference.

MODIFICATIONS TO STANDARD SPECIFICATIONS

DIVISION I GENERAL PROVISIONS

1 GENERAL

Add to section 1-1.01:

See sections 2 and 3 for contractors' DIR registration requirements.

For local material from (1) a noncommercial source or (2) a source not regulated under California jurisdiction, you must submit a local material plan and analytical test results for pH, lead, and other constituents for each site. See section 6-1.03B(1) for the specifications.

Replace or add the following terms to section 1-1.07B:

Acceptance: The formal written approval by the Agency of a project which has been completed in all respects in accordance with the plans and specifications and any modifications thereof.

Agency: The Santa Barbara County (CA) Water Agency.

APWA Standard Plans: Standard Plans for Public Works Construction, promulgated by the American Public Works Association (Southern California Chapter)/Associated General Contractors of California (Southern California Districts) Joint Cooperative Committee, published by Building News Inc., 3055 Overland Avenue, Los Angeles, California 90034, 2009 edition.

Board: The Governing Board of Directors of the Santa Barbara County (CA) Water Agency.

Business day: Day on the calendar except Saturday, Sunday, and a holiday.

Caltrans: State of California, Business & Transportation Agency, Department of Transportation

County: The County of Santa Barbara, a political subdivision of the State of California.

County Clerk: The County Clerk of the County of Santa Barbara.

County Standard Details: Standard Details of the County of Santa Barbara Department of Public Works Roads Division, dated September, 2011

Department: The Santa Barbara County Water Agency acting by and through its Department of Public Works; its authorized representatives.

Department of Transportation: The Santa Barbara County (CA) Water Agency

District: The Santa Barbara County (CA) Water Agency

District Office: The Santa Barbara County (CA) Water Agency

Director: Director of Public Works of the County of Santa Barbara, or the Director's duly authorized representative.

Engineer: Water Agency Representative acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties delegated to them.

Green Book: Standard Specifications for Public Works Construction, 2015 edition, including supplements published by Building News, Inc., Los Angeles, CA.

Holiday: Holidays are shown in the following table:

Holidays	
Holiday	Date observed
Every Sunday	Every Sunday
New Year's Day	January 1st
Birthday of Martin Luther King, Jr.	3rd Monday in January
Washington's Birthday	3rd Monday in February
Memorial Day	Last Monday in May
Independence Day	July 4th
Labor Day	1st Monday in September
Veterans Day	November 11th
Thanksgiving Day	4th Thursday in November
Day after Thanksgiving Day	Day after Thanksgiving Day
Christmas Day	December 25th

If January 1st, July 4th, November 11th, or December 25th falls on a Sunday, the Monday following is a holiday. If January 1st, July 4th, November 11th, or December 25th falls on a Saturday, the preceding Friday is a holiday.

Owner: Same meaning as Agency

Prompt: The briefest interval of time required for a considered reply, including time required for approval by governing body

State: The State of California and its political subdivisions, including the Santa Barbara County (CA) Water Agency

State Standard Plans: Standard plans prepared by State of California, Business & Transportation Agency, Department of Transportation (Caltrans)

Supplemental Work: Bid Item Work that is only performed if so directed by the Engineer in writing.

Replace line "2.1" under item "2. working day" in section 1-1.07B with:

2.1. Saturday, Sunday, and a holiday

Add to section 1-1.11:

Websites, Addresses, and Telephone Numbers

Reference or agency or department unit	Website	Address	Telephone number
Department of Industrial Relations Prevailing Wage Rates	https://www.dir.ca.gov/Public-Works/Prevailing-Wage.html		
Caltrans, Office of Construction Contract Standards	http://ppmoe.dot.ca.gov/des/oe/construction-contract-standards.html		
County PlanetBids Portal	https://www.planetbids.com/portal/portal.cfm?CompanyID=43874		(805) 568-3440
County Municipal Code	https://www.municode.com/library/CA/Santa_Barbara_County		
Santa Barbara County Water Agency Project Manager		PROJECT MANAGER Kalani Durham	(805) 568-3448

Delete the row for Office Engineer in the table of section 1-1.11.

Replace section 1-1.12 with:

1-1.12 MISCELLANY

Make checks and bonds payable to the Santa Barbara County Water Agency.

2 BIDDING

Add to section 2-1.01:

More than one Bid from an individual, firm, partnership, corporation, or association under the same or different names will not be considered. If the OWNER has reasonable grounds for believing that any Bidder is interested in more than one Bid for the WORK contemplated, all Bids in which such Bidder is interested will be rejected. If the OWNER believes that collusion exists among the Bidders, all Bids will be rejected and collusion participants shall be restricted from submitting further proposals. A party who has quoted prices to a Bidder is not hereby disqualified from quoting prices to other Bidders, or from submitting a Bid directly for the WORK.

Each Bidder (including the Bidder's Superintendent assigned to the Project) shall be skilled, experienced, regularly engaged in and qualified to perform the type of work called for in the Bid documents.

If you are found to be not qualified to bid, your bid will be rejected.

Replace section 2-1.06A with:

2-1.06A General

The *Bid Book* includes bid forms and certifications.

The *Notice to Bidders and Special Provisions*, *Bid Book*, and project plans are available on the County's PlanetBids Portal.

Caltrans Standard Specifications, Revised Standard Specifications, Standard Plans and Revised Standard plans are available at State of California, Department of Transportation (Caltrans) Office of Construction Contract

Standards website.

Replace section 2-1.06B with:

2-1.06B Supplemental Project Information

The Department makes supplemental information available as specified in the special provisions.

If an *Information Handout* or sections are available, you may view them at the County's PlanetBids Portal.

Add to section 2-1.07:

The failure or neglect of the Bidder to receive or examine any of the bid documents shall in no way relieve the Bidder from any obligations required by the bid documents. No claims for additional compensation will be allowed which is based upon lack of knowledge of any bid documents.

Add to section 2-1.09:

The Board of Directors reserves the right to waive technical errors and discrepancies if it determines it is in the public interest to do so.

Add to section 2-1.10:

On the Subcontractor List you may either submit the percentage of each bid item subcontracted with your bid or E-Mail the percentage to: kdurham@cosbpw.net within 2 business days after bid opening. You are solely responsible for correcting any inadvertent errors in the license numbers within 2 business days of bid opening. Failure to correct the license numbers in compliance with instructions and Public Contract Code § 4104 will cause the bid to be nonresponsive.

If you make a clerical error in listing subcontractors, submit a written notice to the Director within 2 business days after the time of the bid opening. Send copies of the notice to the subcontractors involved.

Delete sections 2-1.15 to 2-1.27.

Replace section 2-1.33A with:

2-1.33A General

Complete the forms in the *Bid Book*.

Use the forms provided by the Department except as otherwise specified for a bidder's bond.

Submit *Bid Book* forms and your electronic bid as instructed in the *Notice to Bidders*. The original book must be submitted immediately upon request, after the bid opening.

For Federal-Aid projects, submit *Bid Book* DBE forms in accordance to section 2-1.33B.

Failure to submit the forms and information as specified may result in a nonresponsive bid.

Include all applicable federal, state and local taxes in your bid amount.

Unauthorized conditions, limitations, or provisos attached to the Bid shall render it informal and may cause its rejection as being non-responsive. The Bid forms shall be completed without interlineations, alterations, or erasures in the printed text. Alternative Bids will not be considered unless called for.

The Board of Directors reserves the right to waive technical errors and discrepancies if it determines it is in the public interest to do so.

Replace section 2-1.33B(2)(b) of the RSS with:

2-1.33B(2)(b) Contracts with a DBE Goal

For a contract with a DBE goal, as shown on the Notice to Bidders, submit the bid forms according to the schedule shown in the following table:

WC8550_SpecialProv (003).docxSMVSG
County Project No. **WC8550**

**Bid Form Submittal Schedule for a
Federal-Aid Contract with a DBE Goal**

Form	Submittal deadline
Bid to the Department	Time of bid except for the public works contractor registration number
Copy of the Bid to the Department as submitted at the time of bid with the public works contractor registration number	10 days after bid opening
Subcontractor List	Time of bid except for the public works contractor registration number
Copy of the Subcontractor List as submitted at the time of bid with the public works contractor registration number	10 days after bid opening
Opt Out of Payment Adjustments for Price Index Fluctuations ^a	Time of bid
DBE Commitment (Exhibit 15-G)	No later than 4 p.m. on the 5th day after bid opening ^b
DBE Confirmation (Written confirmation of each listed DBE is required)	No later than 4 p.m. on the 5th day after bid opening ^b
DBE Good Faith Efforts Documentation (Exhibit 15-H)	No later than 4 p.m. on the 5th day after bid opening ^b

^a Submit only if you choose the option.

^b If the last day for submitting the bid form falls on a Saturday or holiday, it may be submitted on the next business day with the same effect as if it had been submitted on the day specified.

Replace section 2-1.33B(2)(c) of the RSS with:

2-1.33B(2)(c) Contracts without a DBE Goal

For a contract without a DBE goal, as shown on the Notice to Bidders, submit the bid forms according to the schedule shown in the following table:

**Bid Form Submittal Schedule for a
Federal-Aid Contract without a DBE Goal**

Form	Submittal deadline
Bid to the Department	Time of bid except for the public works contractor registration number
Copy of the Bid to the Department as submitted at the time of bid with the public works contractor registration number	10 days after bid opening
Subcontractor List	Time of bid except for the public works contractor registration number
Copy of the Subcontractor List as submitted at the time of bid with the public works contractor registration numbers	10 days after bid opening
Opt Out of Payment Adjustments for Price Index Fluctuations ^a	Time of bid

^a Submit only if you choose the option.

Replace section 2-1.33B(3) of the RSS with:

2-1.33B(3) Non-Federal-Aid Contracts

For a non-federal-aid contract, submit the bid forms according to the schedule shown in the following table:

**Bid Form Submittal Schedule for a
Non-Federal-Aid Contract**

Form	Submittal deadline
Bid to the Department	Time of bid except for the public works contractor registration number

Copy of the Bid to the Department as submitted at the time of bid with the public works contractor registration number	10 days after bid opening
Subcontractor List	Time of bid except for the public works contractor registration number
Copy of the Subcontractor List as submitted at the time of bid with the public works contractor registration number	10 days after bid opening
Opt Out Payment Adjustment for Price Index Fluctuations ^a	Time of bid

^a Submit only if you choose the option.

Replace section 2-1.34 with:

2-1.34 BIDDER'S SECURITY (PUB CONTRACT CODE § 20129(a))

Submit one of the following forms of bidder's security equal to at least 10 percent of the bid:

1. Cash
2. Cashier's check made payable to the Santa Barbara County Water Agency
3. Certified check made payable to the Santa Barbara County Water Agency
4. Signed bidder's bond by an admitted surety insurer made payable to the Santa Barbara County Water Agency

Submit bidder's security with the *Bid Book* before the bid opening time.

If using a bidder's bond, you may use the form in the *Bid Book*.

If the bid schedule includes alternative or additive items or additive groups, the bid bond must equal at least 10% of the bid plus all alternatives and additives.

Replace the 2nd paragraph of section 2-1.40 with:

A bidder may withdraw or revise a bid after it has been submitted to the office if this is done before the bid opening date and time.

Replace the first paragraph in section 2-1.50 with:

If reasonable cause exists to believe collusion exists among bidders, or that prices bid are unbalanced between bid items, any or all proposals may be rejected.

3 CONTRACT AWARD AND EXECUTION

Replace section 3-1.02B with:

The Department breaks a tied bid with a coin toss.

Replace section 3-1.04 with:

3-1.04 CONTRACT AWARD

Submit any bid protest before 5:00 p.m. of the 10th business day following bid opening to the Department. Include the name, address, and telephone number of your designated representative with a complete statement for grounds of the protest. The protest must refer to the specific portion of the document that forms the basis for the protest.

If the County awards the contract including additive items or additive groups, total bid shall include Total Base Bid plus those additive items or Total Base Bid plus those additive groups used in determining the lowest responsible bidder.

In its discretion, the Santa Barbara County Water Agency may accept or reject any bids. The decision of the Board of Directors shall be final in accepting or rejecting the bid protest, awarding the bid to the next lowest responsive, responsible bidder, or rejecting any or all bids.

If the District awards the contract, the award is made to the lowest responsible bidder within 65 days. If the lowest

responsible bidder refuses or fails to execute the contract, the Director may award the contract to the second lowest responsible bidder. Such award, if made, will be made within 80 days after the opening of bids. If the second lowest responsible bidder refuses or fails to execute the contract, the Director may award the contract to the third lowest responsible bidder. Such award, if made, will be made within 95 days after the opening of bids. The periods of time specified above within which the award of contract may be made shall be subject to a time extension as may be agreed upon in writing between the Department and the bidder concerned.

Replace section 3-1.05 with:

3-1.05 CONTRACT BONDS (PUB CONT CODE § 20129(b) AND CIV CODE § 9554)

The successful bidder must furnish 2 bonds:

1. Payment bond to secure the claim payments of laborers, workers, mechanics, or materialmen providing goods, labor, or services under the Contract. This bond must be equal to at least 100 percent of the total bid. The payment bond must also contain provisions which automatically increase amounts thereof and/or time of completion or both for all change orders, extensions and additions to the work provided pursuant to this Agreement.
2. Performance bond to guarantee the faithful performance of the Contract. This bond must be equal to at least 100 percent of the total bid.

You may provide alternative securities for monies withheld to ensure performance per the terms of Public Contract Code § 22300.

The District furnishes the successful bidder with bond forms.

Both the payment and performance bonds must be executed by one and only one surety. That Surety must be admitted and listed in the Insurance Organizations Authorized By The Insurance Commissioner To Transact Business Of Insurance In The State Of California for the current year, and must be further authorized by the commissioner to issue surety insurance.

Delete section 3-1.08.

Delete section 3-1.11.

Replace section 3-1.18 with:

3-1.18 CONTRACT EXECUTION

The successful bidder must sign the District Agreement (Contract) and deliver to the District the following documents:

1. Three (3) copies of the District Agreement (Contract) bearing your original signatures.
2. Two (2) copies of the Performance and Payment Bonds.
3. Insurance Certificates.
4. Executed Taxpayer Identification Number and Certification (IRS Form W-9) and Withholding Exemption Certificate (CA Form 590).
5. A copy of your Injury and Illness Prevention Program.
6. A copy of your policy on drugs and alcohol.

The District must receive these documents by 4:00 pm on the 8th business day after the bidder receives the unexecuted Contract.

The bidder's security may be forfeited, and a successful bidder may be prohibited from participating in future bidding on the project, for failure to execute the contract within the time specified.

Add to section 3-1.19 with:

3-1.19 BIDDERS SECURITIES

In accordance with Public Contract Code § 20129, upon an award to the lowest bidder(s), the security of an unsuccessful bidder must be returned in a reasonable period of time, but in no event will that security be held by the County beyond sixty (60) days from the time the award is made.

The person to whom the contract is awarded must execute a bond to be approved by the board for the faithful

performance of the contract.

4 SCOPE OF WORK

Add to list in the 1st paragraph of section 4-1.06B:

3. Material differing from that represented in the Contract which you believe may be hazardous waste;
4. Subsurface or latent physical conditions at the site differing from those described by and shown in information available to bidders prior to submitting bids;

Add to end of section 4-1.06B:

The local public entity will promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in your cost of, or the time required for performance of any part of the work will issue a change order under the procedures described in the Contract.

5 CONTROL OF WORK

Replace last paragraph of section 5-1.01 with:

Contract administration forms are available at the State's website for your use.

Before starting Work, you must contact all jurisdictional agencies and determine from each: 1) scope of work to be inspected and by whom, 2) scope of testing, and 3) advance notice required.

During the course of work, you must be responsible for calling for testing and inspection as required by the jurisdictional agencies. Work not properly tested and inspected will be subject to rejection.

If any work that is to be inspected, tested or approved is covered by you without written concurrence of the Engineer, it must, if requested by the Engineer, be uncovered for observation. Uncovering work will be at your expense unless you have given Engineer timely notice of your intention to cover the same and Engineer has not acted with reasonable promptness to such notice.

Any plan or method of work suggested by the Owner or the Engineer to you but not specified or required, if adopted or followed by you in whole or in part, must be used at the risk and responsibility of you. The Owner and the Engineer must assume no responsibility therefor and in no way be held liable for any defects in the work which may result from or be caused by use of such plan or method of work.

Replace the 2nd paragraph of section 5-1.02 with:

If a discrepancy exists:

1. The governing ranking of Contract parts in descending order is:
 - 1.1 Permits from other agencies as may be required by law
 - 1.2 Addendums
 - 1.3 Notice to Bidders and Special Provisions (Technical Provisions supersede Santa Barbara County Public Works Department Provisions)
 - 1.4 Project plans
 - 1.5 Revised standard specifications
 - 1.6 Standard specifications
 - 1.7 Revised standard plans
 - 1.8 Standard plans
 - 1.9 Supplemental project information
2. Written numbers and notes on a drawing govern over graphics
3. A detail drawing governs over a general drawing
4. A detail specification governs over a general specification
5. A specification in a section governs over a specification referenced by that section

Except, when there is a conflict of working hours the more stringent requirement will apply. Change Orders, Supplemental Agreements, and approved revisions to Plans and Specifications will take precedence over Items 2) through 5) above. Detailed plans will have precedence over general plans.

Add to section 5-1.03

If you and the District are unable to reach agreement on disputed work, the District may order you to proceed with the work, and you may submit a claim.

Although not to be construed as proceeding under extra work provisions, you must proceed as provided in Section 9-1.04, Force Account.

Add to section 5-1.09:

Section 5-1.09 applies if there is a bid item for *Partnering*.

Delete section 5-1.13C.

Delete section 5-1.13D.

Add to section 5-1.16:

You must notify the Owner, in writing, when you desire to change the Project Manager and Superintendent, and must provide in writing the name, qualifications, and experience statements of the personnel you propose to use

Add to section 5-1.17:

You must implement a policy on drugs and alcohol conforming to 49 CFR Part 40.

Add to section 5-1.23A:

Materials must not be furnished or fabricated, nor any work done for which shop drawings or submittals are required, before those shop drawings or submittals have been reviewed, as provided herein. Neither review nor approval of shop drawings or submittals by the Engineer will relieve you from responsibility for errors, omissions, or deviations from the Bid Documents, unless such deviations were specifically called to the attention of the Engineer in the letter of transmittal. You will be responsible for the correctness of the submittals and shop drawings, including shop fits, field connections, and results obtained by use of such drawings.

You must pay Water Agency for review of any submission that varies from what the plans and specifications have called for, and/or for the review of any submission that is redundant (for example, submitting similar portland cement concrete mix designs from more than one supplier).

Add to list under the 4th paragraph of section 5-1.23A:

4. Federal Project Number, if any.

Add section 5-1.23B(2)(a):

5-1.23B(2)(a) Record Drawings

You must maintain a complete and accurate record of all changes of construction from that shown in these plans and specifications for the purpose of providing a basis for construction record drawings. No changes must be made without prior written approval of the Engineer.

Upon completion of the project, you must deliver a reproducible print record of all of the approved construction changes to the Engineer along with a separate letter certifying that other than the noted changes on this record, the project was constructed in conformance with the Bid Documents. Failure to submit the final record drawing may result in final payment request not being processed.

Add to section 5-1.23C:

Where the manufacturer of any material or equipment provides written recommendations or instructions for its use or method in installation (including labels, tags, manuals, or trade literature), such recommendations or instructions must be complied with except where the contract documents specifically require deviations. Copies of such manufacturer's recommendations must be provided by you to the Engineer.

Replace "3" in the second paragraph of section 5-1.27B with "4"

Replace section 5-1.27C with:

Make your records available for inspection, copying, and auditing by d representatives for the same time frame

specified under section 5-1.27B. The records of subcontractors and suppliers must be made available for inspection, copying, and auditing by District representatives for the same period. Before Contract acceptance, the District representative notifies the Contractor, subcontractor(s), or supplier(s) five (5) business days before inspection, copying, or auditing.

If an audit is to start more than 30 days after Contract acceptance, the District representative notifies the Contractor, subcontractor(s), or supplier(s) of the date when the audit is to start.

Replace the 2nd through 4th paragraphs of section 5-1.27E with:

Submit change order bills to Engineer.

Add to section 5-1.30

The Agency will not be precluded or stopped by any measurement, estimate, or certificate made either before or after the completion and acceptance of the work and payment therefor from showing the true quantity and character of the work performed and materials furnished by you, nor from showing that any such measurement, estimate, or certificate is untrue or is incorrectly made, nor that the work or materials do not in fact conform to the contract.

The Agency will not be precluded or estopped, notwithstanding any such measurement, estimate, or certificate and payment in accordance therewith, from recovering from you, your surety, or both, such damages as it may sustain by reason of your failure to comply with the terms of the contract.

The failure of the Engineer to observe or to notify you of deviations from the approved plans and specifications, whether or not such deviations could have been corrected if such notification had been given, will in no way relieve you of any responsibility or liability for your failure to complete, and you will be required to repair and complete the work covered by this contract in exact accordance with the approved plans and specifications and all applicable laws and regulations; and the Agency will not be estopped or be deemed to have waived its right to insist on exact compliance by you with the plans and specifications and other terms of the contract because of such failure to observe or notify you of such defects or because of any progress or final payments made to you pursuant to the terms of this contract or the issuance of any inspection reports or any certificates of partial or final completion.

Neither the acceptance by the Engineer or by his representative nor any payment for or acceptance of the whole or any part of the work, nor any extension of time, nor any possession taken by the Engineer will operate as a waiver of any portion of the contract or of any right to damages.

A waiver of any breach of the contract will not be held to be a waiver of any other or subsequent breach.

Add to section 5-1.32:

Any agreement between you and a third party for use of private property for staging of equipment and storage of materials associated with this project must conform to any and all applicable land use ordinances and laws.

If you use private property for staging and storage of materials associated with this project, you must submit a written agreement from the property owner per Section 5-1.20B(4). Sample property-owner agreements are available on the Caltrans website.

Add to section 5-1.36A:

You must provide the regional notification center "Inquiry Identification" number to the District prior to the commencement of excavation or other work close to any underground facility. You are responsible for keeping the Inquiry Identification number valid throughout the duration of the construction contract.

Replace section 5-1.43 with:

You must follow Pub Cont Code § 9204 to pursue a potential claim.

Add to section 5-1.46

Neither the final certificate of payment nor any provision in the bid documents, nor partial or entire use of the improvements by the owner, will constitute an acceptance of work not done in accordance with the bid documents or relieve you of liability in respect to any express warranties or responsibility for faulty materials or workmanship.

You must attend the Final Job Walkthrough Meeting to be held prior to final payment at a time designated by the Engineer. Your representative must be present at all times during the final job walkthrough.

6 CONTROL OF MATERIALS

Delete the 2nd sentence of the 3rd paragraph of section 6-1.02.

Replace the 2nd paragraph of section 6-1.05 with:

Submit a substitution request no later than the 4th business day following bid opening.

Replace the 7th paragraph of section 6-2.01A with:

For a material specified to comply with a property shown in the following table, the County tests under the corresponding test shown:

Property	Test
Relative compaction	ANSI/ASTM D 1557 or California Tests 2016 or 231
Sand equivalent	California Test 217
Resistance (R-value)	California Test 301
Grading (sieve analysis)	California Test 202
Durability Index	California Test 229
Soil moisture content	ASTM D 3017
In place soil density	ASTM D 2922 or D 1556 or D 2922 or D 2937 or D 3017
Max/min soil index density	ASTM D 4253 and D 4254

Add to section 6-2.03B:

The Engineer will perform compaction tests to ascertain conformance with the specifications. The number of tests and their locations and depths will be determined by the Engineer. You must, as directed by the Engineer, make all excavations and subsequent backfill and compaction, required to perform the compaction tests. No additional compensation will be provided therefor.

You are responsible for any costs for materials testing services if you cancel the request less than 8 hours prior to the scheduled testing.

Replace the 1st paragraph of section 6-2.03C:

No materials must be incorporated into the project without first presenting evidence of testing, and complying with release procedures, or without first submitting a Certificate of Compliance with the delivered materials. The Project Number, Item Number, and Statement of Compliance with the Project Specification must appear on all Certificates of Compliance.

Any attempts to incorporate material without certified release tags, or acceptable Certificates of Compliance, must be just cause for immediate suspension of the construction operation involved. All materials that are untagged or do not have Certificates of Compliance, that are placed or installed in the Project by you or your subcontractor must be considered as placed or installed at your own expense and the District must not be charged therefor.

Materials incorporated into the Project without the required release tags or Certificates of Compliance must be removed, if directed by the Engineer, at no cost to the District.

7 LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

Replace section 7-1.02I(1) with:

7-1.02I(1) Santa Barbara County Code, Chapter 2, Article XIII

Sec. 2-94. - Exceptions.

The provisions of this article shall not apply to contracts or agreements for the acquisition, exchange or disposition of real property or interests therein, nor to contracts or agreements with the State of California, or its political subdivisions, or with the United States of America.

Sec. 2-95. - Prohibition of unlawful discrimination in employment practices.

The County of Santa Barbara reserves the right to terminate forthwith each and every written contract and agreement (except purchase orders) respecting real property, goods and/or services entered into by the County of Santa Barbara including but not limited to concessions, franchises,

construction agreements, leases, whether now in effect or hereinafter made if the County finds that the Contractor is discriminating or has discriminated against any person in violation of any applicable state or federal laws, rules or regulations which may now or hereafter specifically prohibit such discrimination on such grounds as race, religion, sex, color, national origin, physical or mental disability, Vietnam era veteran/disabled, age, medical condition, marital status, ancestry, sexual orientation, or other legally protected status. This right of termination extends to contracts entered into by the County of Santa Barbara or by its joint powers, agencies or agents so long as the County obtains the consent of those parties.

Such finding may only be made after Contractor has had a full and fair hearing on notice of thirty days before an impartial hearing officer at which hearing Contractor may introduce evidence, produce witnesses and have the opportunity to cross-examine witnesses produced by the County. Further, any finding of discrimination must be fully supported by the facts developed at such hearing and set forth in a written opinion; and in addition, Contractor may move in the appropriate court of law for damages and/or to compel specific performance of a Contractor or agreement if any of the above procedures are not afforded to the Contractor. If Contractor is not found to have engaged in unlawful discriminatory practices, County shall pay all costs and expenses of such hearing, including reasonable attorneys' fees, to Contractor in accordance with current Santa Barbara County Superior Court schedule of attorneys' fees for civil trials. If Contractor is found to have engaged in such unlawful discriminatory employment practices, Contractor shall pay all such costs, expenses and attorneys' fees.

Whether or not a contract or agreement is still in existence at the time of final determination of such unlawful discrimination, the Contractor shall forthwith reimburse the County for all damages directly stemming from such discrimination; however, those damages shall not exceed and are not reimbursable in an amount which exceeds amounts paid to Contractor under the terms of the contract or agreement.

Nothing in this section 2-95 shall directly or by interpretation give a private cause of action to any third party (not a signatory to the contract or agreement) including employees past or present, or applicants for employment to Contractor, it being the sole purpose of this clause to administratively assure compliance with the nondiscrimination clauses contained herein.

With respect to employment discrimination, employment practices shall include, but are not limited to, employment, promotion, demotion, transfer, recruitment and advertising for recruitment, layoff or other termination, rate of pay, employee benefits and all other forms of compensation or selection for training and apprenticeship and probationary periods.

Contractor shall permit access at all reasonable times and places to all of its records of employment, advertising, application forms, tests and all other pertinent employment data and records, to the County of Santa Barbara, its officers, employees and agents for the purpose of investigation to ascertain if any unlawful discrimination as described herein has occurred or is being practiced, provided that such records are relevant to a complaint of an unlawful discriminatory practice which has been forwarded to Contractor reasonably prior to the time Contractor is asked to make such records available. In addition, all such records shall be deemed "Confidential" by the officers, employees and agents of the County. No records or copies of such records may be removed from the premises of Contractor, and no disclosure, oral or written, of such record may be made to third parties except as provided within the agreement. Provided, however, that in the event of a hearing to determine whether or not Contractor is engaging in unlawful discrimination in employment practices as defined herein, the Board of Supervisors of Santa Barbara County may issue subpoenas to require that certified copies of such records be made available to the hearing.

Failure to fully comply with any of the foregoing provisions shall be deemed to be a material breach of any contract or agreement with the County of Santa Barbara. All persons contracting with or who have contracts for goods or services with the County shall be notified that this chapter applies to their contract or agreement with the County of Santa Barbara.

Sec. 2-95.5. - Exceptions.

Notwithstanding any other provisions in this article, any party contracting with the County of Santa Barbara having an affirmative action program which has been approved within twelve months from the date of the contract by an agency of the federal government shall be deemed to be in compliance with the provisions of this article upon furnishing documentary evidence of such approval

satisfactory to the County Affirmative Action Officer. Loss of such approval shall be immediately reported by such party to the County Affirmative Action Officer.

Sec. 2-96. - Purchase orders.

Purchase orders shall contain the following clause as grounds for termination of such purchase order.

"If complaint is made that seller is engaging in discriminatory employment practices made unlawful by applicable state and federal laws, rules or regulations, and the State Fair Employment Practice Commission or the Federal Equal Employment Opportunities Commission determines that such unlawful discrimination exists, then the County of Santa Barbara may forthwith terminate this order."

Sec. 2-97. - Affirmative Action Officer.

At the discretion of the County Affirmative Action Officer, he or she shall promptly and thoroughly investigate, or cause to be investigated reports and complaints from whatever source, that any party contracting with the County of Santa Barbara is engaging, or during the term of a contract or agreement with the County of Santa Barbara has engaged, in any unlawful discriminatory employment practices as described in section 2-95 of this Code. If the investigation discloses reason to believe such unlawful discrimination does exist or has existed and the conditions giving rise thereto have not been changed so as to prevent further such unlawful discrimination, and the said party shall not forthwith terminate such unlawful discrimination, take all appropriate steps to prevent a recurrence of such or other unlawful practices, and compensate the person or persons unlawfully discriminated against for any and all loss incurred by reason of such unlawful discrimination, all to the satisfaction of the Affirmative Action Officer, then the Affirmative Action Officer shall cause the matter to be presented for action to the State Fair Employment Practices Commission or the Federal Equal Employment Opportunities Commission, or both, and to any other concerned state or federal agencies or officers.

If and when it has been finally determined by the Affirmative Action Officer, County Counsel, or state or federal regulatory agencies that such unlawful discriminatory employment practice has in fact so occurred or are being carried on, then the Affirmative Action Officer shall forthwith present the entire matter to the Board of Supervisors of the County, together with all damages, costs and expenses related thereto and incurred by County, for appropriate action by the Board of Supervisors in accord with the intent and purposes of this article and of the affirmative action program of the County of Santa Barbara.

Sec. 2-98. - Youth group anti-discrimination.

- (a) Neither the County of Santa Barbara, nor any of its agencies, departments, affiliates, or political subdivisions over which it exercises jurisdiction, shall:
 - (1) Deny any youth group equal access to, or fair opportunity to conduct meetings or other events at, or otherwise utilize any public facility;
 - (2) Deny any youth group use permits or licenses regarding, or otherwise withhold from any youth group permission to use, any public facility; or
 - (3) Otherwise discriminate against any youth group; on the basis of the membership or leadership criteria of such youth group.
- (b) For purposes of this section, a public facility shall include any public forum, limited public forum, public property, or public area including any public building, park, beach, campground, or any other area controlled or operated by the County of Santa Barbara.
- (c) For purposes of this section, a youth group means any group or organization intended to serve young people under the age of twenty-one.

Add to section 7-1.02K(1):

7-1.02K(1)(a) Joint Labor Compliance Monitoring Program

The Joint Labor Compliance Monitoring Program monitors labor compliance by conducting interviews with construction workers at the job site. You, and all subcontractors, must cooperate in allowing approved Compliance Group Representatives along with a County employee access to the project employees and work site for the purpose of conducting worker interview to ensure compliance with the requirement to pay prevailing wages on County projects. This will be done in order to comply with the Board of Supervisors July 10, 2012 adoption of a Joint Labor Compliance Monitoring Program.

Each Compliance Group Representative will always be accompanied with a County employee for a joint contractor worker interview. The Compliance Group Representative will be issued an identification card by the County at the job site. Compliance Group Representatives must restrict their actions to interviewing workers employed on the project. A copy of the Joint Labor Compliance Monitoring Program and Board Letter adoption from July 10, 2012 is available on request.

7-1.02K(1)(b) Compliance Monitoring by the Department of Industrial Relations

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations (Labor Code § 1771.4).

Replace the 2nd paragraph of section 7-1.02K(2) with:

The general prevailing wage rates and any applicable changes to these wage rates are available on the California Department of Industrial Relations website.

Replace the 6th through 10th paragraphs of section 7-1.02K(3) with:

Submit certified payroll by mail to the Department.

Each submission must:

1. Include a signed Statement of Compliance form with each weekly record.
2. Be received by the Department by close of business on the 15th day of the month for the prior month's work.

Add to section 7-1.02K(5):

Working hours on working days will be between the hours of 7:00 a.m. and 5:00 p.m. No work will be done or noise generated outside these hours except such work as is necessary for the proper care and protection of the work already performed or in case of an emergency.

If the Contractor desires to work during periods other than above, the Contractor must make a request to the Engineer three (3) working days in advance. If District inspection forces are reasonably available, the Engineer may authorize the Contractor to perform work during periods other than normal working hours/days. However, if District inspectors are required to perform in excess of their normal working hours/days solely for the benefit of the Contractor, the actual cost of inspection at overtime rates will be charged to the Contractor as actual costs deducted from your payment. If certain operations require extended or non-standard working hours, those operations and hours will be specified in the 'Technical Provisions' of the Contract.

Add to section 7-1.02K(6)(a):

Your Injury and Illness Prevention Program must include:

1. Safety manual
2. Jobsite checklist
3. Equipment safety checklist
4. Tailgate safety meetings
5. Permit application and job notification form (Construction, Demolition, Trenches, Excavation, Building, Structures, Falsework, Scaffolding) Form Cal/OSHA S-691, latest edition

Add to section 7-1.02K(6)(b):

You must obtain a State Division of Industrial Safety Permit for excavations and trenches prior to commencement of any excavation or trench of 5 feet or more in depth per California Code of Regulations, Title 8, Division 1, Chapter 3.2, Subchapter 2, Article 2, Section 341 and Title 8, Division 1, Chapter 4, Subchapter 4 of the California Occupational Safety and Health Regulations (Cal/OSHA). A copy of the permit must be submitted to the Engineer. All excavations must be completed and maintained in a safe and stable condition throughout the total construction phase in order to protect persons, property, trees and improvements. Structure and trench excavations must be completed to the specified elevations and to the length and width required to safely install, adjust, and remove any forms, bracing, or supports necessary for the installation of the work and/or protection of existing features. Excavations outside of the lines and limits shown on the drawings or specified herein required to meet safety requirements must be your responsibility in constructing and maintaining a safe and stable excavation.

Replace section 7-1.02M(4) Reserved with:

7-1.02M(4) American Medical Response, Santa Barbara County

For all temporary road closure activities, contact the nearest emergency medical response company for the area, American Medical Response, and provide the project location(s) and road closure schedule. Please see contact information below:

American Medical Response, Santa Barbara County Contact Information

	Name	Phone	Email
AMR Main Office	Santa Barbara County	(805) 688-6550	amr.santa.barbara@amr.net

Replace section 7-1.02M(5) Reserved with:

7-1.02M(5) Sheriff, Santa Barbara County

For all temporary road closure activities, contact the County of Santa Barbara Sheriff's office at dispatchstaff@sbsheriff.org and the City of Santa Barbara Police Department at dispatchers@sbpd.com and provide the project location(s) and road closure schedule.

Replace section 7-1.02P with:

7-1.02P County Ordinance

7-1.02P(1) General

Comply with County Ordinances.

County Ordinances are available at the County Municipal Code website and at County offices located at 123 East Anapamu Street, Santa Barbara, CA 93101.

Any references in State Standard Specifications to statutory provisions applicable only to state contracts or which are inconsistent with statutory provisions applicable to County or local agency contracts, will not prevail over, and will be superseded by, any statutory provisions applicable to County or local agency contracts.

7-1.02P(2) Grading

Comply with section 13, 17, and 19.

Santa Barbara County Ordinance No. 4766 and Ordinance No. 691 prohibits the dumping of debris or other materials in a watercourse so as to obstruct or impede normal flow of water therein.

7-1.02P(3) Preservation of Monuments

Comply with Ordinance 1491, Sec. 28-49.

Delete last sentence of Section 7-1.03 paragraph 15

Delete last sentence of Section 7-1.04 paragraph 7

Add to section 7-1.05:

7-1.05 INDEMNIFICATION

7-1.05A General

You must indemnify, defend (with counsel reasonably approved by County and District) and hold harmless County and District and its officers, officials, employees, agents and volunteers from and against any and all claims, actions, losses, damages, judgments and/or liabilities arising out of this Agreement from any cause whatsoever, including the acts, errors or omissions of any person or entity and for any costs or expenses (including but not limited to attorneys' fees) incurred by County and District on account of any claim except where such indemnification is caused by the active negligence, sole negligence, or willful misconduct of the County and District.

7-1.05B Notification of Accidents and Survival of Indemnification Provisions

You must notify County and District immediately in the event of any accident or injury arising out of or in connection with this Agreement. The indemnification provisions must survive any expiration or termination of this Agreement.

7-1.05C Responsibility to Other Entities

You are responsible for any liability imposed by law and for injuries to or death of any person, including workers and the public, or damage to property. Indemnify and save harmless any county, city or district and its officers and employees connected with the work, within the limits of which county, city, or district the work is being performed, all in the same manner and to the same extent specified for the protection of the County and District.

Replace section 7-1.06 with:

7-1.06 INSURANCE

7-1.06A General

You must procure and maintain for the duration of this Agreement insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of your work, your agents, representatives, employees or subcontractors.

7-1.06B Minimum Scope and Limit of Insurance

Coverage shall be at least as broad as:

1. **Commercial General Liability (CGL):** Insurance Services Office (ISO) Form CG 00 01 covering CGL on an "occurrence" basis, including products-completed operations, personal & advertising injury, with limits no less than \$2,000,000 per occurrence and \$4,000,000 in the aggregate.
2. **Automobile Liability:** ISO Form Number CA 00 01 covering any auto (Code 1), with limit no less than \$2,000,000 per accident for bodily injury and property damage.
3. **Workers' Compensation:** as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
4. **Umbrella Liability Insurance:** An umbrella (over primary) or excess policy may be used to comply with limits or other primary coverage requirements. When used, the umbrella policy shall follow form or be at least as broad as the primary coverage. The coverage shall also apply to automobile liability.

If you maintain higher limits than the minimums shown above, the County and the District require and shall be entitled to coverage for the higher limits you maintain. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the County and the District.

7-1.06C Other Insurance Provisions

The insurance policies must contain, or be endorsed to contain, the following provisions:

1. **Additional Insured** – County, its officers, officials, employees, agents and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by you or on your behalf including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to your insurance at least as broad as ISO Form CG 20 10 11 85 or if not available, through the addition of both CG 20 10 and CG 20 37 if a later edition is used).
2. **Primary Coverage** – For any claims related to this Agreement, your insurance coverage shall be primary insurance as respects the County, its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the County, its officers, officials, employees, agents or volunteers shall be excess of the CONTRACTOR's your insurance and shall not contribute with it.
3. **Notice of Cancellation** – Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the County.
4. **Waiver of Subrogation Rights** – You agree to waive rights of subrogation which any of your insurer may acquire from you by virtue of the payment of any loss. You agree to obtain any endorsement that may be necessary to effect this waiver of subrogation. **The Workers' Compensation policy shall be endorsed with a waiver of subrogation** in favor of the County for all work performed by you, your employees, agents and subcontractors. This provision applies regardless of whether or not the County has received a waiver of subrogation endorsement from the insurer.
5. **Deductibles and Self-Insured Retention** – Any deductibles or self-insured retentions – must be declared to and approved by the County. At County's option, either: cause the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the County, its officers, officials, employees, agents and volunteers; or provide a financial guarantee satisfactory to the County guaranteeing payment of losses and related investigations, claim administration, and defense expenses.
6. **Acceptability of Insurers** – Unless otherwise approved by Risk Management, insurance shall be written by insurers authorized to do business in the State of California and with a minimum A.M. Best's Insurance Guide rating of "A- VII".

7. **Verification of Coverage** –You must furnish proof of insurance, original certificates and amendatory endorsements as required by this Agreement. The proof of insurance, certificates and endorsements must be received and approved by the County before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive your obligation to provide them. You must furnish evidence of renewal of coverage throughout the term of the Agreement. The County reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.
8. **Failure to Procure Coverage** – In the event that any policy of insurance required under this Agreement does not comply with the requirements, is not procured, or is canceled and not replaced, County has the right but not the obligation or duty to terminate the Agreement. Maintenance of required insurance coverage is a material element of the Agreement and failure to maintain or renew such coverage or to provide evidence of renewal may be treated by County as a material breach of contract.
9. **Subcontractors** –You must require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and you must ensure that County is an additional insured on insurance required from subcontractors. For CGL coverage subcontractors shall provide coverage with a format least as broad as CG 20 38 04 13.
10. **Claims Made Policies** – If any of the required policies provide coverage on a claims-made basis:
 - i. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
 - ii. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of contract work.
 - iii. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, you must purchase “extended reporting” coverage for a minimum of five (5) years after completion of contract work.
11. **Special Risks or Circumstances** – County reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other circumstances.

Any change requiring additional types of insurance coverage or higher coverage limits must be made by amendment to this Agreement. You agree to execute any such amendment within thirty (30) days of receipt.

Any failure, actual or alleged, on the part of County to monitor or enforce compliance with any of the insurance and indemnification requirements will not be deemed as a waiver of any rights on the part of County.

7-1.06D Enforcement

The Department may assure your compliance with your insurance obligations. Ten days before an insurance policy lapses or is canceled during the Contract period you must submit to the Department evidence of renewal or replacement of the policy.

If you fail to maintain any required insurance coverage, the Department may maintain this coverage and withhold or charge the expense to you or terminate your control of the work.

You are not relieved of your duties and responsibilities to indemnify, defend, and hold harmless the County, its officers, agents, and employees by the Department's acceptance of insurance policies and certificates.

The minimum insurance coverage amounts do not relieve you for liability in excess of such coverage, nor do they preclude the County from taking other actions available to it, including the withholding of funds under this Contract.

7-1.06E Self-Insurance

Self-insurance programs and self-insured retentions in insurance policies are subject to separate annual review and approval by the County.

If you use a self-insurance program or self-insured retention, you must provide the County with the same protection from liability and defense of suits as would be afforded by first-dollar insurance. Execution of the Contract is your acknowledgment that you will be bound by all laws as if you were an insurer as defined under Ins Code § 23 and that the self-insurance program or self-insured retention shall operate as insurance as defined under Ins Code § 22.

8 PROSECUTION AND PROGRESS

Replace the 1st and 2nd paragraphs of section 8-1.04B with:

The District will issue you a Notice to Proceed after the Contract has been awarded, and establish the first Contract Working Day with you. The Notice to Proceed will list the first Contract Working Day, which must not be more than **21** calendar days past the date on which the contract was awarded.

Start jobsite activities only after the WPCP or SWPPP is authorized.

Failure to start jobsite activities within **15** calendar days of the First Working Day listed on the Notice to Proceed may be considered as failure by you to supply an adequate workforce.

Replace the 1st paragraph of section 8-1.05 with:

Contract time starts on the day specified as the first Working Day in the Notice to Proceed. Working days will not be postponed if you do not start work on the first Working Day.

Add to section 8-1.06:

When existing conditions are encountered which, in the opinion of the Engineer, require temporary suspension of work for design modifications or for other determinations to be made, you must move to other areas of work until such determinations are made. No additional compensation will be allowed by reason of such temporary suspension of work when you can reasonably reschedule work at a different location.

You must notify the District 24 hours minimum in advance if you decide to suspend work for one day or more. You must notify the District a minimum of 24 hours in advance of recommencing work on the project.

The days during a suspension related to your performance are working days.

Add to section 8-1.10A:

Liquidated damages are listed on the table in this section of the Standard Specifications.

Add to end of section 8-1.13:

Any control exercised by the Surety towards the completion of the Project will be subject to the Bid documents, and review and approval of the District

9 PAYMENT

Add to section 9-1.06A:

Section 9-1.06 does NOT apply to supplemental work.

The District does not pay for eliminated supplemental work.

Add to section 9-1.16A:

Submit support data with application for progress payment. Support data must include:

1. Data required by Santa Barbara County Water Agency Project Manager
2. Copies of requisitions from Subcontractors and material suppliers

Include the County of Santa Barbara Auditor-Controller contract number as shown on executed Agreement.

Submit the following certification with each application for progress payment:

I, the undersigned, declare under penalty of perjury under the laws of the State of California that this Application for Payment is made in good faith, that the documents substantiating this application are accurate and complete and that the foregoing is true and correct.

BY: _____

Date: _____

(TYPE OR PRINT NAME AND TITLE OF
PERSON SIGNING APPLICATION)

Any progress payment made after the scheduled completion date will not constitute a waiver of any liquidated damages heretofore agreed upon as part of this Contract.

Add to first paragraph of section 9-1.16B:

Submit a schedule of values for any lump sum bid item requested by the Engineer.

Replace section 9-1.16F with:

9-1.16F Prompt Payment of Funds Withheld to Subcontractors

The District shall hold five (5) percent retainage from the prime contractor and shall make prompt and regular incremental acceptances of portions, as determined by the District, of the contract work, and pay retainage to the prime contractor based on these acceptances. The prime contractor, or subcontractor, shall return all monies withheld in retention from a subcontractor within 30 days after receiving payment for work satisfactorily completed and accepted including incremental acceptances of portions of the contract work by the agency. Federal law (49 CFR 26.29) requires that any delay or postponement of payment over 30 days may take place only for good cause and with the agency's prior written approval. Any violation of this provision shall subject the violating prime contractor or subcontractor to the penalties, sanctions and other remedies specified in Section 7108.5 of the Business and Professions Code. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to the prime contractor or subcontractor in the event of a dispute involving late payment or nonpayment by the prime contractor, deficient subcontract performance, or noncompliance by a subcontractor.

Pursuant to Section 22300 of the Public Contract Code, and the project specifications, the Contractor may substitute securities for monies withheld to ensure contract performance.

Upon your request, the District will make payment of funds withheld to ensure performance of the Contract if you deposit in escrow with the Santa Barbara County Treasurer, or with a bank acceptable to the District, securities eligible for investment under Government Code Section 16430, or bank or savings and loan certificates of deposits, upon the following conditions;

1. You must bear the expense of the District and the escrow agent, either the County Treasurer or the bank, in connection with the escrow deposit made.
2. Securities or certificates of deposit to be placed in escrow will be of a value at least equivalent to the quantities of retention to be paid to you pursuant to this Section.
3. You must enter into an escrow agreement satisfactory to the District, which agreement must include provisions governing inter alia:
 - 1.1. The quantity of securities to be deposited.
 - 1.2. The providing of powers of attorney, or other documents necessary for the transfer of the securities to be deposited
 - 1.3. Conversion to cash to provide funds to meet defaults by you, including but not limited to the termination of your control over the work, stop notices filed pursuant to law, assessment of liquidated damages, or other quantities to be kept or retained under the provisions of the contract
 - 1.4. Decrease in value of securities on deposit.
 - 1.5. The termination of the escrow upon completion of the contract.
4. You must obtain the written consent of the surety to such agreement

Add to section 9-1.17C:

Submit all outstanding extra work billing no later than 15 days after acceptance by the Department.

Replace section 9-1.17D(3) with:

9-1.17D(3) Determination of Claims

The Department reviews and resolves claims pursuant to Public Contract Code § 9204, which is summarized within this section.

The Contractor shall furnish reasonable documentation to support the claim.

The Department's costs in reviewing or auditing a claim not supported by the Contractor's accounting or other records are damages incurred by the Department within the meaning of the California False Claims Act.

The Department will review the claim and provide a written statement of findings identifying what portions are disputed and undisputed within 45 days from receipt of claim when action by the Department Board of Directors is not required. This may be extended by mutual agreement.

For claims requiring action by the Department Board of Directors, a written statement will be provided within three days following the next duly publicly noticed meeting of the Board, or 45 days from receipt of claim, whichever is later.

The Contractor may request in writing by registered or certified mail, return receipt requested, a meet and confer conference if the Contractor disputes the Department's written response, or if the Department fails to respond to a claim within the time prescribed. The Department shall schedule a meet and confer conference within 30 days of receipt of the request for settlement of the dispute. Within 10 days following the meet and confer conference, the Department shall provide the Contractor a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed.

Any disputed portion of the claim shall be submitted to nonbinding mediation, with the Department and the Contractor sharing the associated costs equally. The Department and Contractor shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select and pay the cost for a mediator and those mediators shall select a qualified neutral third party to mediate. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

The Department will make payment of undisputed portion of claim within 60 days of written statement of findings. After 60 days of written statement of findings, the Department pays 7 percent annual interest for unpaid and undisputed portions of claims.

If a subcontractor lacks legal standing to assert a claim due to lack of privity, the Contractor may present a claim on behalf of the subcontractor, and the subcontractor may request in writing that the Contractor present the claim on its behalf, provided that the subcontractor furnishes reasonable document supporting the claim to the Department. Within 45 days of the subcontractor's request, the Contractor shall notify the subcontractor in writing of whether the claim was submitted and state the reasons why it was not submitted if the claim was not submitted.

Delete section 9-1.22.

DIVISION II GENERAL CONSTRUCTION

10 GENERAL

Add to section 10-1.04:

A weekly construction meeting may be held at a time and place designated by the Engineer with your representatives and other affected parties.

Add to section 10-6:

Attention is directed to the various sections of the Standard Specifications which require the use of water for the construction of this project.

Attention is also directed to the provisions of Section 7, "Legal Relations and Responsibility to The Public," with regard to the Contractor's responsibilities for public convenience, public safety, preservation of property, and responsibility for damage. Nothing in Section 7 shall be construed as relieving the Contractor from furnishing an adequate supply of water required for the proper construction of this project, or as relieving the Contractor from the legal responsibilities defined in said Section 7.

Water required for controlling dust, caused by the Contractor's operations and the passage of traffic through the

construction site shall be applied as necessary, at the Contractor's expense. The Contractor shall, whenever possible and not in conflict with these specifications, minimize the use of water during construction of the project. Watering equipment shall be kept in good working order and water leaks shall be repaired promptly.

Water for construction purposes as required by these Specifications must be reclaimed or recycled water. The use of potable water is prohibited unless specifically waived by the District in writing. Reclaimed water may be available from the water service provider in which the project is located. You must contact the local water service provider and obtain reclaimed water from them, at your cost, as your first option. If the local water service provider cannot provide reclaimed water for this project then you must obtain reclaimed water from another documented source, if available.

14 ENVIRONMENTAL STEWARDSHIP

Add to Section 14-1.01:

You must notify the Engineer immediately upon request from the regulatory agencies to enter, inspect, sample, monitor, or otherwise access the project site or your records pertaining to water pollution control work. You and the Department must provide copies of correspondence, notices of violation, enforcement actions, or proposed fines by regulatory agencies to the requesting regulatory agency.

15 EXISTING FACILITIES

Delete the last paragraph in Section 15-1.03B

TECHNICAL PROVISIONS

ORGANIZATION

Special provisions are under headings that correspond with the main-section headings of the *Standard Specifications*. A main-section heading is a heading shown in the table of contents of the *Standard Specifications*.

Each special provision begins with a revision clause that describes or introduces a revision to the *Standard Specifications* as revised by any revised standard specification.

Any paragraph added or deleted by a revision clause does not change the paragraph numbering of the *Standard Specifications* for any other reference to a paragraph of the *Standard Specifications*.

DIVISION I GENERAL PROVISIONS

Add prior to section 1:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
999990	MOBILIZATION	9

5 CONTROL OF WORK

Add section 5-1.01A:

5-1.01A WORKING HOURS

Working hours must only occur between **7:00 a.m.** and **5:00 p.m.**, on Working Days.

If you desire to work outside of this time frame, you must receive consent from the District. If consent is given, you will be responsible for payment of construction manager and/or inspector's overtime costs.

You must comply with Section 7-102K(5) regarding Labor Code requirements.

7 LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

Add section 7-1.03A:

7-1.03A STANDARD NOTIFICATIONS

You must deliver notices to each residence adjacent to the Work two weeks minimum prior to commencement of project activities. The format and content of each notice must be approved by the Engineer (see example below).

Such notice must at minimum give the name of the Project, the duration of the Contract period, daily work hours for the proposed work, typical parking and access restrictions anticipated for the work the Contractor's representative and phone number, the County representative and phone number, along with any other information requested by the Engineer. All notices shall be approved by the Engineer for content and delivery schedule prior to actual delivery.

All notices must be in the format of door hangers (14 inches by 4 inches, 110 Springhill Index or approved equal) and be hung at the main door of each residence or business affected. The text of such notices must have one side printed in English with the reverse side printed in Spanish.

The following is an example of language required:

**NOTICE
TO AREA RESIDENCES**

The Santa Barbara County Water Agency hereby informs you that (Contractor) will be constructing the Name of Project. The contract period is from (date) to (date).

Work on the Project will typically be performed between the hours of **7:00 AM** and **5:00 PM**.

We appreciate your patience and cooperation during this Project. If you have any questions, or require additional information please contact the following:

Contractor, Contact's Name and Telephone Number

Santa Barbara County Water Agency, Contact's Name and Telephone Number

Maintain a log of all notifications. The log is to include the following information:

1. Property owner
2. Person of contact (If applicable)
3. Date of notification
4. Time of notification
5. Method of notification.

At a minimum, notifications must be made to Describe area of area Distribution

1. Santa Barbara County (SBC) Public Works Department, 620 W Foster Rd, Santa Maria, CA 93455
2. SBC Planning and Development Department, 624 W Foster Rd, Santa Maria, CA 93455

8 PROSECUTION AND PROGRESS

Add to Section 8-1.05:

Complete the work excluding plant establishment work, within thirty (30) working days.

Complete the work, including plant establishment work within one hundred (100) working days.

Complete the plant establishment work within seventy (70) working days.

Plant establishment work shall also include project maintenance work.

DIVISION II GENERAL CONSTRUCTION

The Project Plans consist of one plans set, Santa Maria Valley Sustainable Garden (17 sheets).

Payment for each bid item shown on the Bid Item List shall include furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in completing the Bid Item in place, as shown on the plans, as specified in these special provisions, and as directed by the Engineer, and no additional compensation will be allowed therefore.

Bid items of work shown on the plans or indicated in the specifications which are not specifically identified in the bid item descriptions are included in lump sum items of work and must be identified in the Schedule of Values submittal by the Contractor and no additional payment will be made.

Add prior to section 10:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
130100	JOB SITE MANAGEMENT	13

13 WATER POLLUTION CONTROL

Add to 13-4 JOB SITE MANAGEMENT:

The Contractor must adhere to the following Best Management Practices (BMPs) during all phases of work:

- Contractor shall not litter at the sites and shall haul out all trash and debris generated during the project.
- Vehicles and equipment shall be maintained in good working order and inspected to avoid leaks of fuel, hydraulic fluids, oil, or coolants.

The contract lump sum price paid for Job Site Management shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in Job Site Management, as specified in these special provisions and as directed by the Engineer, including spill prevention and control, material management, waste management, storm water management and non-storm water management, and no additional compensation will be allowed therefore.

DIVISION III EARTHWORK AND LANDSCAPE

Add prior to section 17:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
170103	Clearing and Grubbing	17
200111A	Place Decorative Boulders (County Supplied)	20
20	Decorative Pavers	20
200131	Decorative Stone	20
202006A	Grading and Soil Preparation	20
204000	24" Box Trees	20
204001A	15 Gal Shrubs	20
204001B	5 Gal Shrubs	20
204001C	1 Gal Shrubs	20
204045	Sod	20
204099	Plant Establishment Work	20
205034	Decomposed Granite	20
205035	Bark Mulch	20
206005A	Steel Edge	20
206300A	Irrigation System	20

17 GENERAL

Add to section 17-2.01:

Clearing and Grubbing consists of removing all vegetation, trees, tree stumps, and all existing garden signage within the limits of the project, as shown on the plans. All vegetation, tree, and signage removals require prior approval by the Water Agency (WA) Project Manager.

In addition to the work outlined in Section 16 of the Standard Specifications, the following items of work are included under Clearing and Grubbing unless otherwise covered by a specific bid item.

(1) Maintain dust control at all times by watering; including developing a water supply and furnishing and placing all water required for work done in the Contract, including water used for extra work.

(2) Protection of utilities, trees, fences, gates, walls, and other facilities within the construction zone, except those shown on the plans and those specifically directed by the WA Project Manager.

20 LANDSCAPE

Decorative boulders are to be supplied by the County. Cost for this item is only for receiving and placing the decorative boulders.

Add to section 20-3 IRRIGATION:

Submit irrigation system shop drawing in accordance with section 20-3.01c and the 'Irrigation Specifications' on the plans set. Within the planting areas, the contractor shall install a drip-irrigation system with appropriate fittings.

Perform irrigation system function test and final check in accordance with Sections 20-3.03P and 20-3.03Q to the District that the irrigation system is fully functional.

DIVISION VI STRUCTURES

Add prior to section 45:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
570300A	Trellis (Replacement)	57
570300B	Trellis (Butterfly)	57

57 WOOD AND PLASTIC LUMBER STRUCTURES

Add to Section 72-5.01:

Replacement Trellis and Butterfly Trellis shall include all appurtenances, including, but not limited to, vine guards, metal headers, primer, paint, and concrete footings, as needed to construct replacement Trellis. All posts in footings to be pressure treated with tar paper wrap in concrete footing.

DIVISION VIII MISCELLANEOUS CONSTRUCTION

Add prior to section 72:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
729010A	EZ-FLO MAXX-Pest Control	72
790100A	Memorial Bench	79
790100B	Picnic Bench	79
790100C	Bench	79
790200	Memorial Plaque	79

72 SLOPE PROTECTION

Add to Section 72-5.01:

1. EZ-FLO Maxx Pest Control

Add to Section 72-5.02:

Gopher protection shall be EZ-FLO Maxx Pest Control or approved equal. Gopher protection must be installed in accordance with the manufacturer's recommendations.

72 BENCHES AND PLAQUE

Add to Section 72-5.01:

Memorial bench shall be constructed per approved plans and the memorial plaque shall be mounted onto the center of the bench.

Add to Section 72-5.02:

Picnic bench shall be Prestige series 6 foot picnic tables without back, portable, and sand color or approved equal.

Add to Section 72-5.03:

Backless benches to match the existing benches.