

ADELINE STREET LANDSCAPING IMPROVEMENTS

CITY OF BERKELEY -- PARKS, RECREATION & WATERFRONT DEPARTMENT

SPEC NO. 26-11768-C

PLAN NO. 8303

FILE NO. 406-227

BASE

LANDSCAPE ARCHITECTURE

SAN FRANCISCO / PORTLAND
www.baselandscape.com

PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

PROJECT

CODE COMPLIANCE

PARTIAL LIST OF APPLICABLE CODES

ALL WORK SHALL CONFORM TO 2022 TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR)

GRADING PLANS, DRAINAGE IMPROVEMENTS, ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES

- 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24, C.C.R.
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R.
(2021 INTERNATIONAL BUILDING CODE AND 2022 CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ELECTRIC CODE (CEC), PART 3, TITLE 24, C.C.R.
(2020 NATIONAL ELECTRIC CODE AND 2022 CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R.
(2021 IAPMO UNIFORM MECHANICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.
(2021 IAPMO UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ENERGY CODE (CENC), PART 6, TITLE 24, C.C.R.
- 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.
(2021 INTERNATIONAL FIRE CODE AND 2022 CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24, C.C.R.
(2021 INTERNATIONAL EXISTING BUILDING CODE AND 2022 CALIFORNIA AMENDMENTS)
- 2019 TITLE 19, C.C.R., REGULATIONS OF THE STATE FIRE MARSHAL
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24, C.C.R.
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.

PROJECT SUMMARY

PROJECT ADDRESS:
ADELINE STREET & MARTIN LUTHER KING JR. WAY, BERKELEY, CA 94703

PROJECT SCOPE:
THE PROJECT COMPRISES APPROXIMATELY 9,000 SQUARE FEET OF LANDSCAPE IMPROVEMENTS ALONG THE 3300 BLOCK OF ADELINE STREET AND MARTIN LUTHER KING JR. WAY BETWEEN THE EAST SIDE OF THE STREET AND THE SIDEWALK. IMPROVEMENTS INCLUDE GRADING AND SOIL AMENDMENT, PLANTING, INSTALLATION OF NEW IRRIGATION, FENCING, TREE REMOVAL, AND INSTALLATION OF DECORATIVE BOULDERS.

PROJECT TEAM

PROJECT MANAGER
CITY OF BERKELEY -- PARKS, RECREATION & WATERFRONT DEPARTMENT
1947 CENTER ST, 5TH FLOOR
BERKELEY, CA 94704

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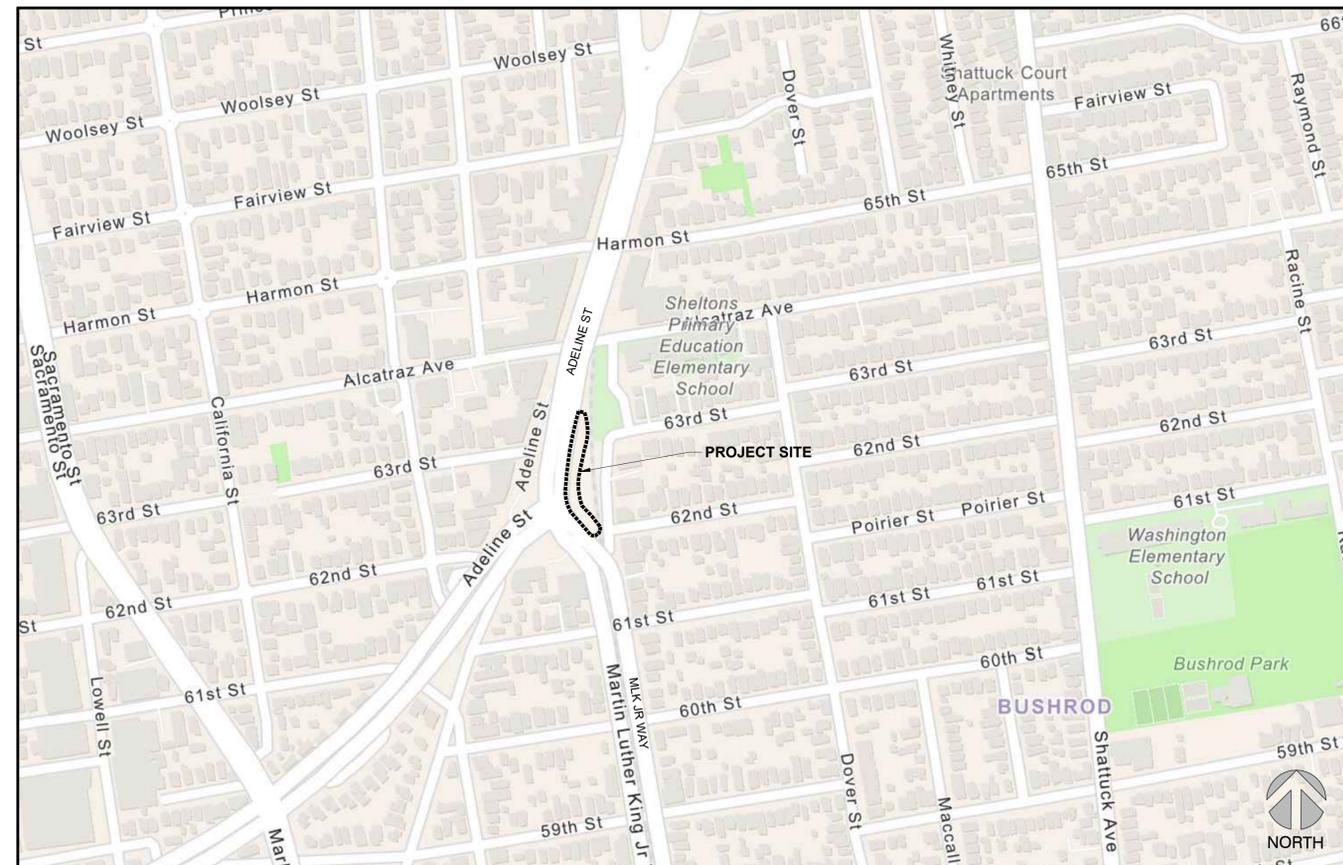
DRAWING SET INDEX

- G0.00 COVER SHEET
- G0.01 GENERAL NOTES
- L0.01 EXISTING CONDITIONS AND DEMO PLAN
- L1.01 MATERIALS, LAYOUT AND SOILS PLAN
- L2.01 PLANTING PLAN
- L2.02 PLANTING AND SOILS DETAILS
- L3.00 IRRIGATION NOTES AND WATER USE CALCS
- L3.01 IRRIGATION PLAN
- L3.02 IRRIGATION DETAILS
- L4.00 IRRIGATION AND CONSTRUCTION DETAILS

ABBREVIATIONS

- S.C.D. SEE CIVIL DRAWINGS
- S.E.D. SEE ELECTRICAL DRAWINGS
- S.S.D. SEE STRUCTURAL DRAWINGS
- C.L. CENTERLINE
- CLR. CLEAR
- EOR. ENGINEER OF RECORD
- EQ. EQUAL DISTANCE
- (E) EXISTING
- L.O.W. LIMIT OF WORK
- (N) NEW
- N.I.C. NOT IN CONTRACT
- O.C. ON CENTER
- PA. PLANTING AREA
- P.O. POINT OF ORIGIN
- P.O.C. POINT OF CONNECTION
- SIM. SIMILAR
- STD. STANDARD
- TYP. TYPICAL
- U.O.N. UNLESS OTHERWISE NOTED
- VIF. VERIFY IN FIELD

CONTEXT MAP - BERKELEY, CA



ADELINE LANDSCAPING IMPROVEMENTS
ADELINE STREET, BERKELEY, CA 96703

SPEC NO. 26-11768-C
PLAN NO. 8303
FILE NO. 406-227

100% BID SET

REVISION

#	Date	Description
1	12-10-2025	Addendum 1

STAMP



SHEET TITLE

COVER SHEET

Scale: N/A
Date: 8/29/25
Drawn by:
Checked by: MC
Project No.: 2509

G0.00

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EXISTING CONDITIONS AND DEMO PLAN

Scale: 1/16" = 1'-0"
Date: 8/29/25
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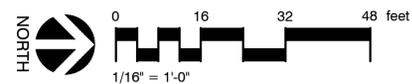
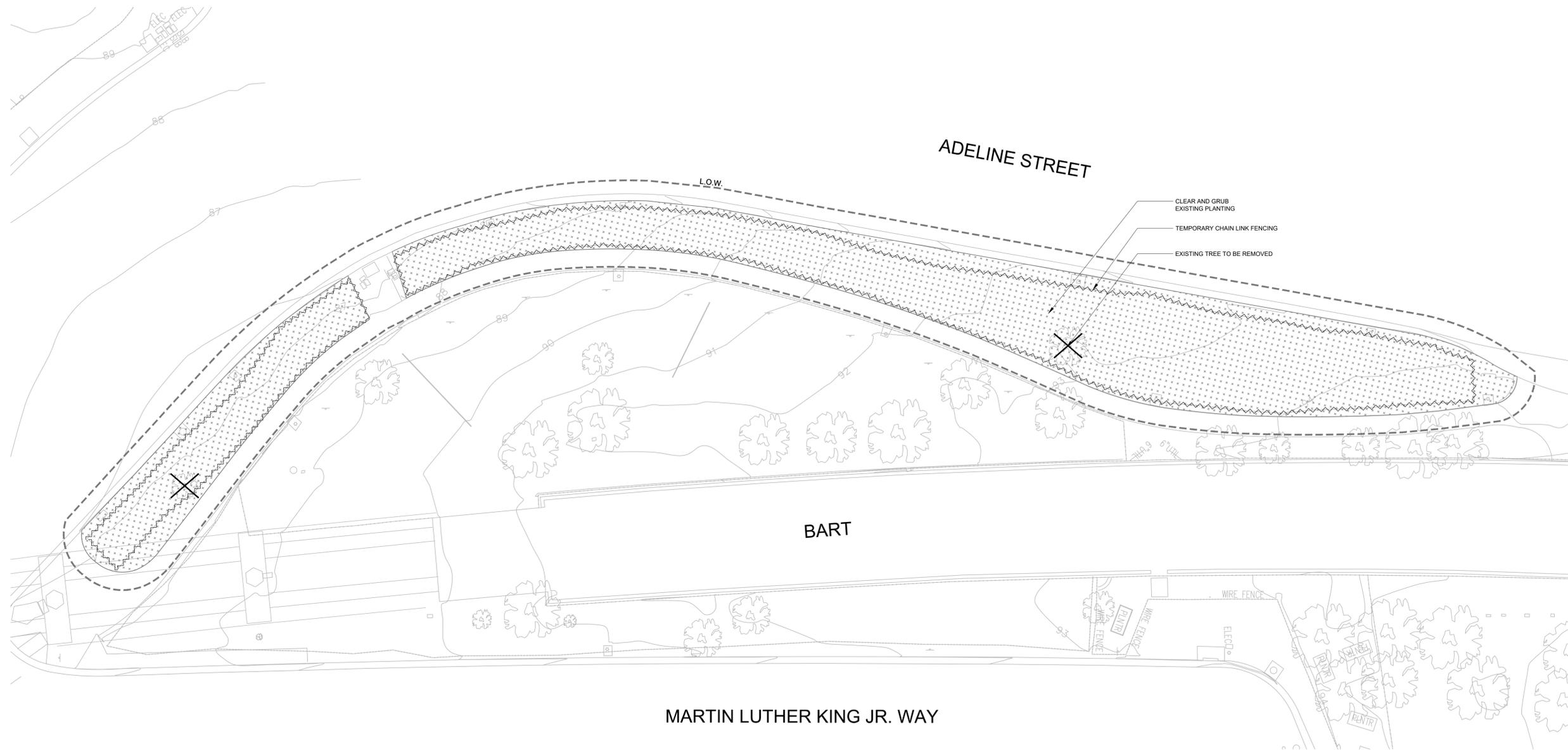
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DEMO LEGEND

-  CLEAR AND GRUB EXISTING PLANTING
-  TEMPORARY CHAIN LINK FENCING MAY BE USED AS CONSTRUCTION FENCING. REMOVE AND RETURN TO OWNER ONCE PERMANENT FENCING IS INSTALLED
-  EXISTING TREE TO BE REMOVED

DEMO NOTES

1. CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 811 OR (800) 227-2600 AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF ANY DEMOLITION, EXCAVATION OR GRADING WORK.
2. THESE PLANS ARE NOT MEANT TO BE FULL CATALOG OF EXISTING SUBSURFACE CONDITIONS. CONTRACTOR SHALL CONDUCT A FULL CATALOG OF EXISTING SUBSURFACE CONDITIONS. CONTRACTOR SHALL CONDUCT FIELD INVESTIGATIONS TO VERIFY ALL LOCATIONS AND ELEVATIONS OF EXISTING SUBSURFACE UTILITIES, WHETHER SHOWN ON PLANS OR NOT.
3. DEMOLISH EXISTING STRUCTURES AND OTHER FEATURES WITHIN THE LIMIT OF DEMOLITION AS SHOWN. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION WITHIN THE LIMITS OF THE PROPOSED PROJECT AND WHERE APPLICABLE ON THESE PLANS.
4. CONTRACTOR SHALL REPLACE ANY DAMAGED STRUCTURE, PAVEMENT, CURB OR SIDEWALK THAT IS SAID TO REMAIN AND IS DAMAGED DURING THE COURSE OF CONSTRUCTION.
5. CONTRACTOR TO COORDINATE WITH PG&E FOR ALL TEMPORARY POWER CONNECTIONS AND REQUIREMENTS.
6. REMOVE ALL INTERIOR FENCING, FENCE POST FOUNDATIONS, AND OTHER LANDSCAPING FEATURES WHERE APPLICABLE.
7. AN APPROVED TEMPORARY FENCE SHALL BE INSTALLED ALONG THE LIMITS OF DEMOLITION PRIOR DEMOLITION WHERE REQUIRED. GATES SHALL BE KEPT LOCKED DURING NON-WORKING HOURS.
8. CONTRACTOR SHALL PROVIDE EMERGENCY VEHICULAR ACCESS TO THE SITE.
9. THE CONTRACTOR SHALL PROCEED WITH DUE CAUTION DURING ALL UNDERGROUND OPERATIONS AND SHALL REPAIR OR REPLACE ALL UTILITIES DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE OWNER AND/OR AFFECTED AGENCIES.
10. DO NOT PLACE RECYCLED CONCRETE, AC, AS OR OTHER MATERIALS IN PROPOSED LANDSCAPE AREAS.
11. EXISTING TREE SYMBOLS ARE NOT TO SCALE.



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MATERIALS, LAYOUT AND SOILS PLAN

Scale: 1/16" = 1'-0"
Date: 8/29/25
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L1.01

MATERIALS SCHEDULE		DETAIL	MODEL	MANUFACTURER	MATERIAL	COLOR	FINISH	SPEC SECTION	PROD SBMTL	SHOP DWGS	MOCK-UP	NOTES
FENCES & GATES												
F-101	3' HIGH CHAIN LINK FENCE	1/L4.00		MASTER HALCO OR APPROVED EQUAL	STEEL POSTS, 9 GAUGE MESH	BLACK	10 MIL PVC COATING	32 31 13	X	X		
SITE FURNISHING												
S-101	BOULDERS	2/L4.00	BOUQUET CANYON	LYNGSO OR APPROVED EQUAL	SANDSTONE	RUST/GREY	NATURAL	32 93 00	X			SEE DETAIL FOR SCHEDULE

SOILS LEGEND

AMENDED SITE SOILS:
RIP EXISTING SOILS TO 12". INCORPORATE COMPOST AMENDMENT INTO TOP 6" OF SOIL. ALL AMENDED SITE SOILS TO BE SHEET-MULCHED. SEE PLANTING AND SOILS DETAILS.
6" OF WOOD CHIP MULCH, SEE SOILS SPECIFICATIONS



SOIL TESTING NOTES:

CONTRACTOR IS RESPONSIBLE TO PROVIDE PROFESSIONAL SOIL TESTING REPORT FOR HORTICULTURAL SUITABILITY FOR ALL SOILS AMENDED AND IMPORTED TO THE SITE, AND FOR ORGANIC COMPOST.

APPROVED, SUITABLE SITE TOPSOIL CAN BE STOCKPILED AND USED FOR NEW PLANTING.

EXISTING SITE SOIL SHALL BE COLLECTED AND TESTED PER THE DESCRIBED METHODOLOGY:
SOIL SAMPLING METHODOLOGY:

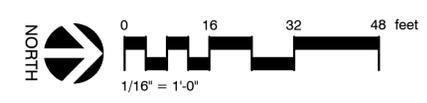
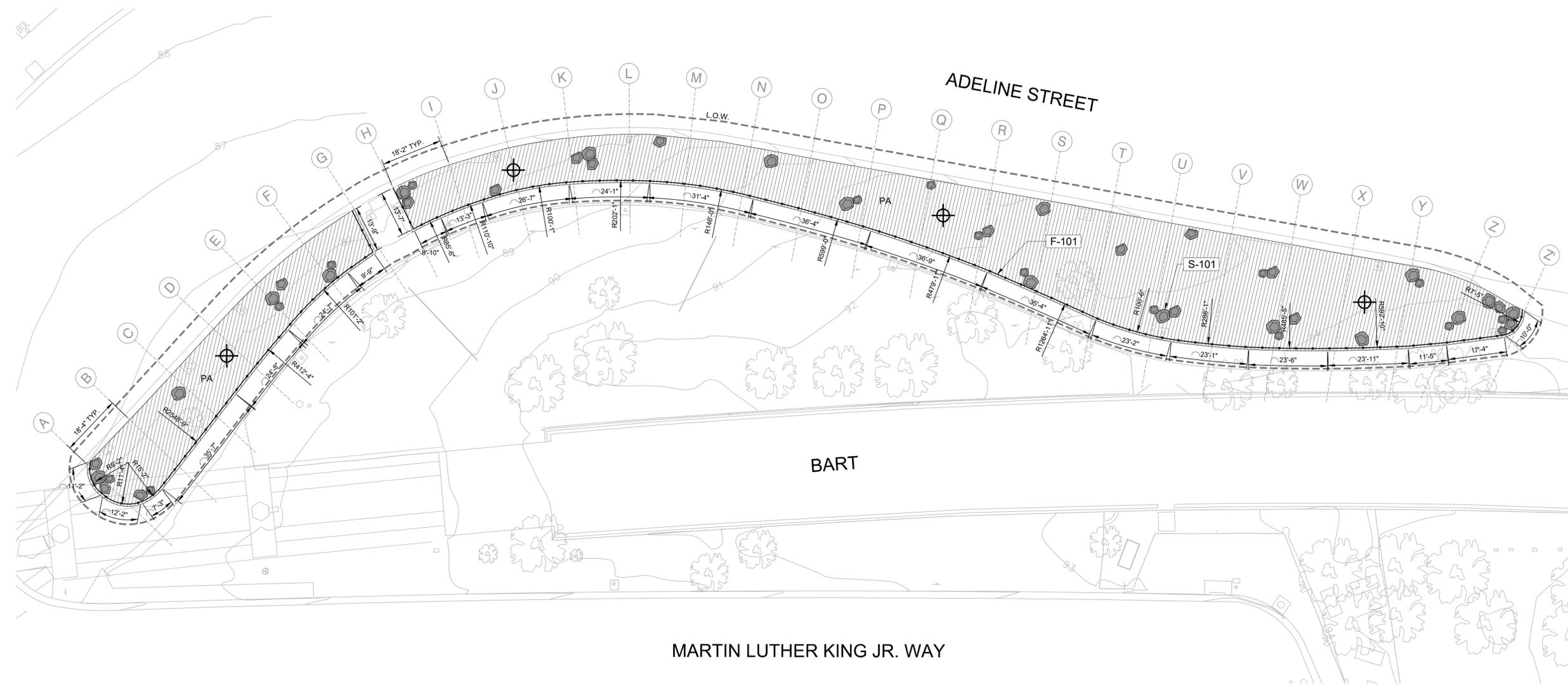
- COLLECT SOIL SAMPLES FROM EACH LOCATION SHOWN ON PLAN. THE AREA IS TO BE UNIFORM IN COLOR, TEXTURE, DEPTH, AND DRAINAGE WITH THE SAME FERTILIZING PROGRAM AND TYPE OF USE. TEST INDIVIDUALLY AREAS FOR TREES, PERENNIALS, AND CUT AND FILL AREAS. AN AREA CONTAINING MULTIPLE TREES AND SHRUBS CAN BE GROUPED INTO ONE AREA IF THE PLANT APPEARANCE IS THE SAME.
- TAKE THREE TO FIVE SAMPLINGS FROM ANY ONE OF THE LOCATIONS NOTED AND COMBINE THEM FOR SUBMITTAL TO SOIL TESTING LAB. DO NOT SAMPLE UNUSUAL AREAS SUCH AS BURNED SPOTS OR EXTRA LUSH GROWTH. REMOVE SURFACE LITTER.

3. TAKE SAMPLES FROM THE SURFACE EXTENDING AS DEEP AS THE SOIL WILL BE AMENDED, REFER TO LEGEND, AND AT LEAST TO 3' DEEP IN TREE PLANTING AREAS. DO NOT DISTURB ROOTS OF EXISTING TREES.

4. USE A SOIL PROBE OR SOIL AUGER TO REMOVE A CORE SAMPLE. OTHERWISE USE A SHOVEL TO DIG A HOLE TO THE DESIRED DEPTH. SAMPLE THE SOIL FROM THE SIDE OF THE HOLE BY SCRAPING IT WITH A TROWEL. USE ONLY CLEAN TOOLS WITHOUT RUST. AVOID SAMPLING WHEN SOIL IS TOO WET.

5. PLACE SOIL FROM THE VARIOUS HOLES TAKEN FROM EACH SAMPLED AREA INTO A CLEAN PLASTIC BUCKET. MIX TOGETHER HOMOGENEOUSLY. PLACE TWO TO THREE CUPS OF THE COMPOSITE SAMPLE INTO A LOCK PLASTIC BAG, FOR FIVE BAGS TOTAL.

6. REMOVE EXCESS AIR FROM THE BAG, ZIP LOCK IT, FOLD IT A FEW TIMES. SECURE WITH A RUBBER BAND AND PLACE IT IN A SUITABLE MAILER. ASSIGN EACH BAG A LABEL AND SEND THE SAMPLES TO SOIL TESTING LAB BY MAIL, UPS OR OVERNIGHT CARRIER ALONG WITH A BRIEF DESCRIPTION OF THE SAMPLE AND FUTURE USE OF THE PROVIDE NAME, PHONE NUMBER, ADDRESS AND EMAIL ADDRESS. SEE SPECIFICATIONS FOR A LIST OF APPROVED SOIL TESTING LABS.



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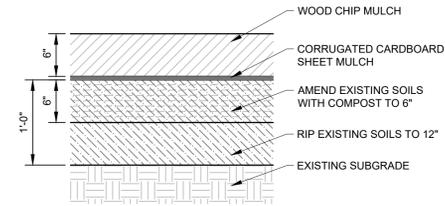
SHEET TITLE

PLANTING AND SOILS
DETAILS

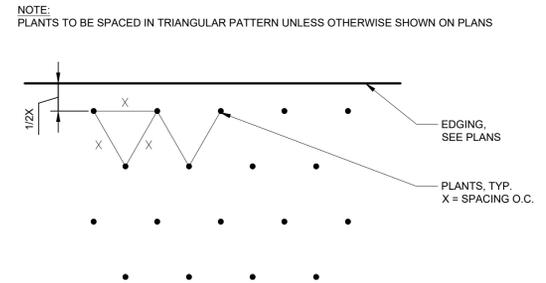
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Date: 8/29/25
Drawn by:
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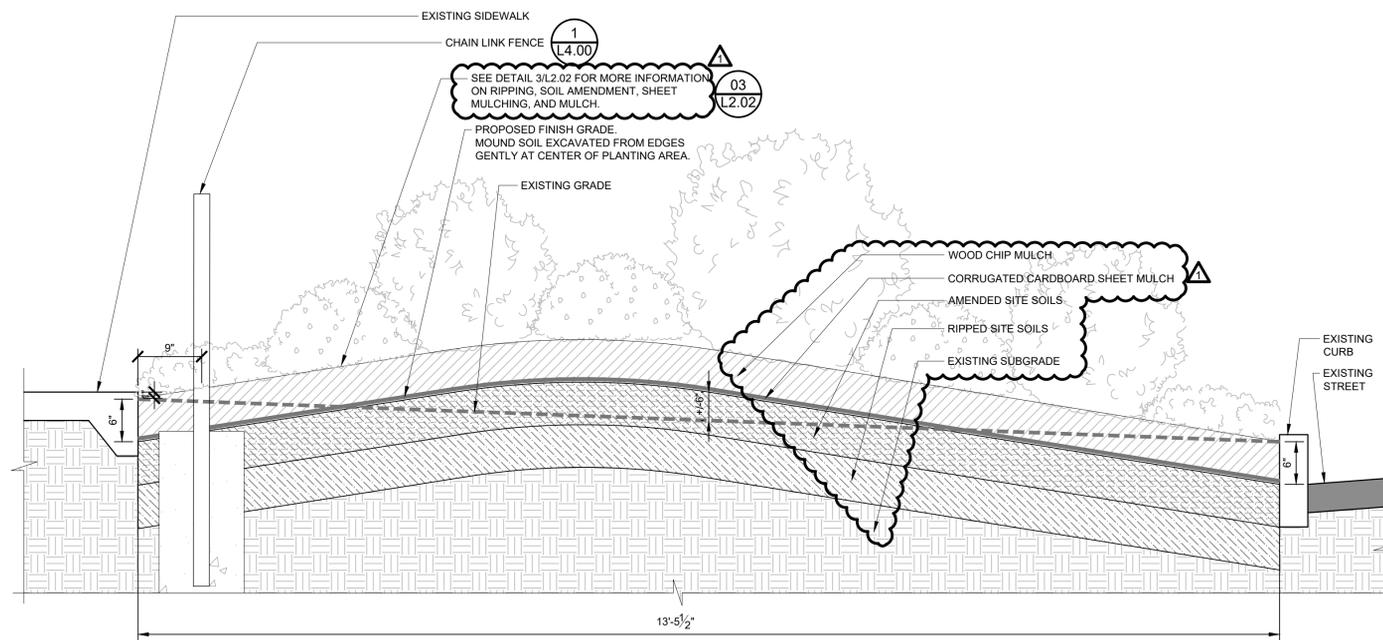
- NOTES:
1. INSTALL SHEET MULCH AND WOOD CHIP MULCH PRIOR TO PLANTING.
 2. TO INSTALL PLANTING, PULL BACK WOOD CHIP MULCH AT LOCATION OF PLANT, CUT OR PUNCH THROUGH CARDBOARD TO MAKE ROOM FOR PLANT ROOTBALL.
 3. SEE PLANTING SPECIFICATIONS



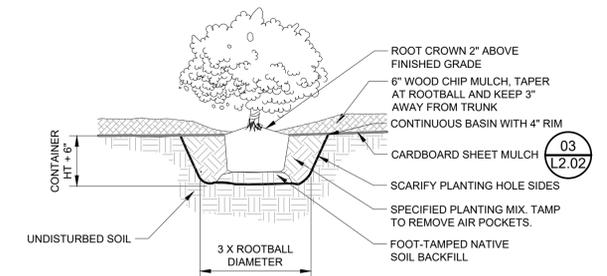
03 AMENDED SITE SOIL AND SHEET MULCHING
1" = 1'-0" P-AD-PLA-34



02 GROUNDCOVER SPACING
NTS



04 TYPICAL SITE SOIL SECTION
1" = 1'-0" P-AD-PLA-35



01 SHRUB PLANTING
NTS

IRRIGATION NOTES

- THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH OWNER FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF PLANT MATERIAL.
- THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.
- IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, SUN, SHADE AND WIND EXPOSURE.
- USE HUNTER BT NODE CONTROLLERS, PER PLAN. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO PROVIDE AND INSTALL NEW CONTROLLER BATTERIES PER MANUFACTURER'S INSTRUCTIONS.
- IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. COMMON GROUND WIRE: SIZE #12-1 WIRE WITH WHITE INSULATING JACKET. CONTROL WIRE SERVICING REMOTE CONTROL VALVES: SIZE #14-1 WIRE WITH INSULATING JACKET OF COLOR OTHER THAN WHITE. SPLICES SHALL BE MADE WITH 3M-DBY SEAL PACKS OR APPROVED EQUAL.
- SPLICING OF LOW VOLTAGE WIRES IS PERMITTED IN VALVE BOXES ONLY. LEAVE 36" LONG, 1" DIAMETER COIL OF EXCESS WIRE AT EACH SPLICE AND A 36" LONG EXPANSION LOOP EVERY 100 FEET ALONG WIRE RUN. TAPE WIRES TOGETHER WHERE CONTAINED WITHIN SLEEVING OR CONDUIT.
- VALVE BOXES IN TURF AREAS: INSTALL GREEN PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION CONTROL VALVE". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.
- VALVE BOXES WITHIN PLANTING AREA WITH MULCH: INSTALL BLACK PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION CONTROL VALVE". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.
- INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, OR BUILDING AT MULTIPLE VALVE BOX GROUPS. INSTALL EACH BOX AN EQUAL DISTANCE FROM THE WALK, CURB, OR BUILDING AND PROVIDE 12" BETWEEN BOX TOPS. ALIGN THE SHORT SIDE OF RECTANGULAR VALVE BOXES PARALLEL TO WALK, CURB, OR BUILDING. LANDSCAPE ARCHITECT TO APPROVE BOX LOCATIONS PRIOR TO INSTALLATION.
- VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS. LOCATE IN PLACES THAT ARE NOT VISUALLY PROMINENT.
- THE CONTRACTOR SHALL LABEL CONTROL LINE WIRE AT EACH REMOTE CONTROL VALVE WITH A 2 1/4" X 2 3/4" POLYURETHANE I.D. TAG, INDICATING IDENTIFICATION NUMBER OF VALVE (CONTROLLER AND STATION NUMBER). ATTACH LABEL TO CONTROL WIRE. THE CONTRACTOR SHALL PERMANENTLY STAMP ALL VALVE BOX LIDS WITH APPROPRIATE IDENTIFICATION AS NOTED IN CONSTRUCTION DETAILS.
- INSTALL A GATE VALVE TO ISOLATE EACH REMOTE CONTROL VALVE OR GROUP OF RCV'S LOCATED TOGETHER. GATE VALVE SIZE SHALL BE SAME AS THE LARGEST REMOTE CONTROL VALVE IN MANIFOLD.
- WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS, REFER TO TEMPORARY TREE AND PLAN PROTECTION SPECIFICATIONS.
- NOTIFY LOCAL JURISDICTIONS FOR INSPECTION AND TESTING OF EXISTING BACKFLOW PREVENTION DEVICE.
- THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.
- IRRIGATION DEMAND: REFER TO PLANS.
- THE EXISTING MAIN LINE SHOWN ON THE DRAWINGS IS DIAGRAMMATIC. VERIFY AND LOCATE EXISTING MAIN LINE IN FIELD. REPORT TO ARCHITECT IN WRITING ANY DEVIATION OF EXISTING MAIN LINE LOCATION FROM THAT SHOWN ON THE DRAWINGS.
- PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.
- PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR SEAL #5.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CHANGES IN THE IRRIGATION LAYOUT AND VALVE ZONING DUE TO VARIATIONS IN THE EXISTING SITE CONDITIONS SUCH AS EXPOSURE FROM BUILDINGS, TRELLISES, TREES, ETC., AS WELL AS SLOPE AND SOIL CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND OWNER OF THE PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE IRRIGATION SYSTEM DESIGN IF THE PLANTING DESIGN CHANGES FROM THE ORIGINAL PLAN AND NEEDS TO ADAPT TO THE NEW PLANTING DESIGN. THE LANDSCAPE CONTRACTOR NEEDS TO NOTIFY THE LANDSCAPE ARCHITECT AND OWNER OF PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.
- WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLEMENTAL AND HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS DURING MAINTENANCE PERIOD TO ASSURE THAT PLANTS ARE SUFFICIENTLY ESTABLISHED.

WATER USE CALCULATIONS

WATER USE ESTIMATION - ADELINE LANDSCAPE IMPROVEMENTS

WATER TYPE		POTABLE	
CITY	BERKELEY, CA		
TOTAL ANNUAL ETO	41.6		
PEAK MONTHLY ETO	6		
DATE	12/8/25		

REGULAR LANDSCAPE AREAS											
HYDROZONE	VALVE #	GPM	AREA (sq ft) (HA)	WATER USE (LW=LOW, MW=MOD, HW=HIGH)	PLANT TYPE	IRRIGATION TYPE	PLANT FACTOR (PF)	IRRIGATION EFFICIENCY (IE)	ETAF (PF/IE)	ETWU (GAL/YEAR)	PERCENTAGE OF LANDSCAPE
1	1	27.5	2,754	LW	SHRUB GC LW	DRIPLINE 12"	0.3	0.81	0.37	26,308	31%
2	2	31.1	3,113	LW	SHRUB GC LW	DRIPLINE 12"	0.3	0.81	0.37	29,737	35%
3	3	30.7	3,069	LW	SHRUB GC LW	DRIPLINE 12"	0.3	0.81	0.37	28,744	34%
		TOTAL	8,936						TOTAL	84,789	100%

SPECIAL LANDSCAPE AREA			
HYDROZONE #	HYDROZONE NAME	AREA (sq ft)(HA)	PERCENTAGE OF LANDSCAPE
			0%

MAWA	GALLONS/YEAR	103018
	ACRE FEET/YEAR	0.32
	HCF/YEAR	137.73

ETWU	GALLONS/YEAR	84789
	ACRE FEET/YEAR	0.26
	HCF/YEAR	113.35

SITE IRRIGATION EFFICIENCY	SITE PLANT FACTOR	MAWA COMPLIANT
81.00%	0.30	YES

ETAF CALCULATIONS	
REGULAR LANDSCAPE AREAS	
TOTAL ETAF X AREA	3287
TOTAL AREA	8976
AVG. ETAF	37%

MAWA FORMULA

MAXIMUM APPLIED WATER ALLOWANCE (MAWA)
GALLONS PER YEAR

MAWA= (ETo)(0.82)(LA x 0.45) + (0.55 x SLA)

ETWU FORMULA

ESTIMATED TOTAL WATER USE (ETWU)
GALLONS PER YEAR

ETWU= ((ETo)(0.82)(ETAF x LA)

Et0= REFERENCE EVAOP/TRANSPIRATION

0.45= ET ADJUSTMENT FACTOR

LA= LANDSCAPED AREA (SQUARE FEET)

0.62= CONVERSION FACTOR (GALLONS/SQ.FT/YEAR)

Et0= REFERENCE EVAOP/TRANSPIRATION

PF= PLANT FACTOR FOR HYDROZONES

HA= HYDROZONE AREA (SQ. FT)

IE= IRRIGATION EFFICIENCY (0.81)-DRIP



PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

PROJECT

ADELINE LANDSCAPING IMPROVEMENTS
ADELINE STREET, BERKELEY, CA 96703

SPEC NO. 26-11768-C
PLAN NO. 8303
FILE NO. 406-227

100% BID SET

#	Date	Description
▲	12/10/2025	ADDENDUM 1



SHEET TITLE

IRRIGATION NOTES AND WATER USE CALCS

Scale: N/A
Date: 8/29/25
Drawn by:
Checked by: MC
Project No.: 2509

L3.00

PROJECT TEAM

LANDSCAPE ARCHITECT
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SHEET TITLE

IRRIGATION PLAN

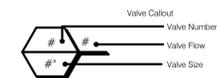
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Date: 8/29/25
Drawn by:
Checked by: MC
Project No.: 2509

L3.01

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
☐	RAIN BIRD 150 EFB-CP VALVE FOR DRIP ZONE RAIN BIRD 150 EFB-CP BRASS VALVE WITH 1-1/2 IN. RAINBIRD LARGE CAPACITY DISC FILTER AND 1-1/2 IN. HIGH FLOW PRESSURE REGULATOR FIXED AT 40PSI. FLOW RANGE: 20 - 62 GPM.
○	PIPE TRANSITION POINT IN DRIP BOX PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER IN 6IN. DRIP BOX.
F	HUNTER PLD-BV MANUAL FLUSH/SHUT OFF VALVE, BARBED INSERT. TYPICALLY INSTALLED IN 10IN. BOX, WITH ADEQUATE BLANK TUBING TO EXTEND VALVE OUT OF VALVE BOX. USE WITH HDL OR OTHER 3/4IN. DRIPLINE.
⊕	HUNTER ECO-ID-12 ECO-ID: 1/2IN. FPT CONNECTION WITH 15 PSI - 100 PSI OPERATING PRESSURE. SPECIFY WITH HUNTER SJ SWING JOINT.
[Hatched Box]	AREA TO RECEIVE DRIPLINE RAIN BIRD XFCV-06-12 XFCV XON-SURFACE LANDSCAPE DRIPLINE WITH A HEAVY-DUTY 3.5 PSI CHECK VALVE, 0.6 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. GREAT FOR ELEVATION CHANGE. SPECIFY XF INSERT FITTINGS.

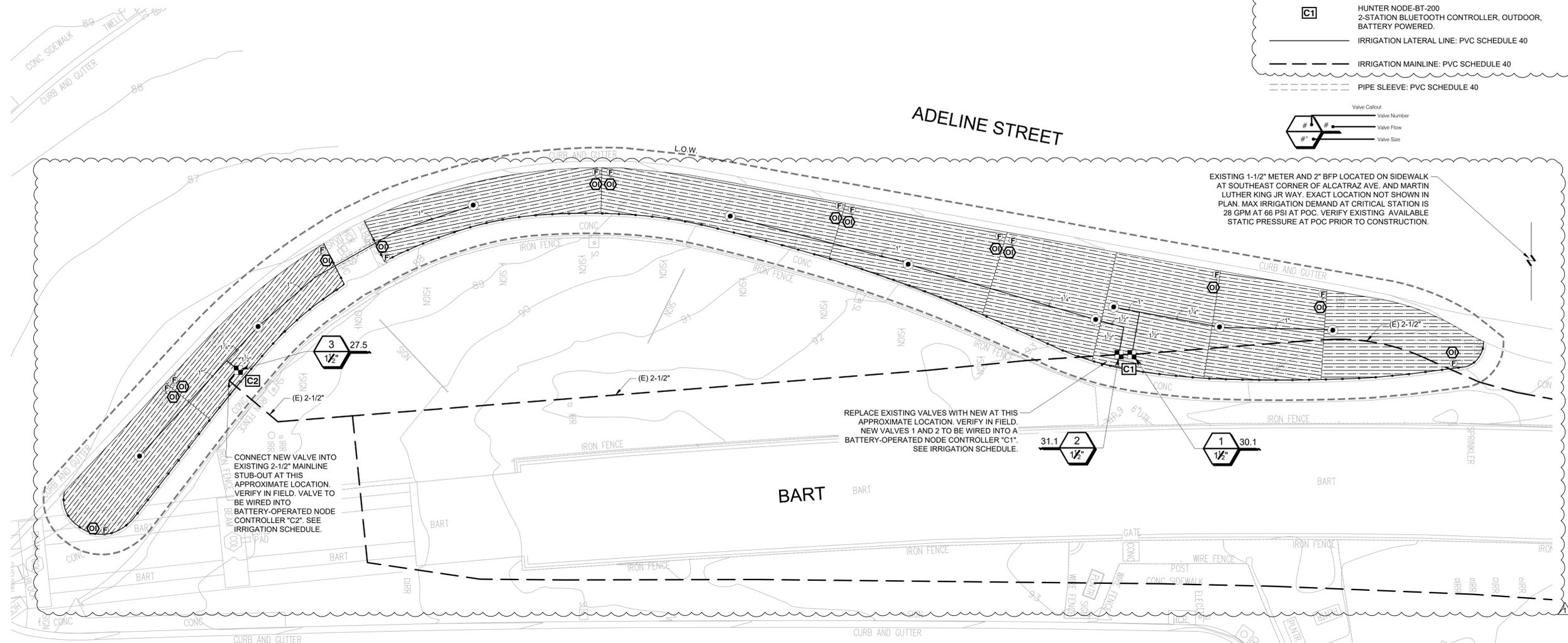
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
C2	HUNTER NODE-BT-100 1-STATION BLUETOOTH CONTROLLER, OUTDOOR, BATTERY POWERED WITH DC LATCHING SOLENOID INCLUDED.
C1	HUNTER NODE-BT-200 2-STATION BLUETOOTH CONTROLLER, OUTDOOR, BATTERY POWERED.
---	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
---	IRRIGATION MAINLINE: PVC SCHEDULE 40
---	PIPE SLEEVE: PVC SCHEDULE 40



EXISTING 1-1/2" METER AND 2" BFP LOCATED ON SIDEWALK AT SOUTHEAST CORNER OF ALCATRAZ AVE. AND MARTIN LUTHER KING JR WAY. EXACT LOCATION NOT SHOWN IN PLAN. MAX IRRIGATION DEMAND AT CRITICAL STATION IS 28 GPM AT 66 PSI AT POC. VERIFY EXISTING AVAILABLE STATIC PRESSURE AT POC PRIOR TO CONSTRUCTION.

REPLACE EXISTING VALVES WITH NEW AT THIS APPROXIMATE LOCATION. VERIFY IN FIELD. NEW VALVES 1 AND 2 TO BE WIRED INTO A BATTERY-OPERATED NODE CONTROLLER "C1". SEE IRRIGATION SCHEDULE.

CONNECT NEW VALVE INTO EXISTING 2-1/2" MAINLINE STUB-OUT AT THIS APPROXIMATE LOCATION. VERIFY IN FIELD. VALVE TO BE WIRED INTO BATTERY-OPERATED NODE CONTROLLER "C2". SEE IRRIGATION SCHEDULE.

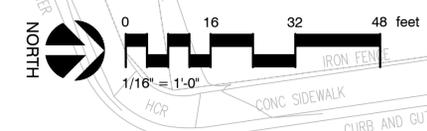


- NOTES:
- VERIFY STATIC PSI IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITHIN SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARD SCAPED AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
 - MAINLINE AND LATERAL PIPE SIZE IS AS NOTED AND CONTIGUOUS DOWNSTREAM UNTIL OTHERWISE NOTED BY NEW PIPE SIZE CALL OUT, TYP.
 - SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	13-20 GPM
1.5"	21-32 GPM
2"	33-50 GPM
 - SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75"	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT
1.5"	2001-3000 FT

MARTIN LUTHER KING JR. WAY



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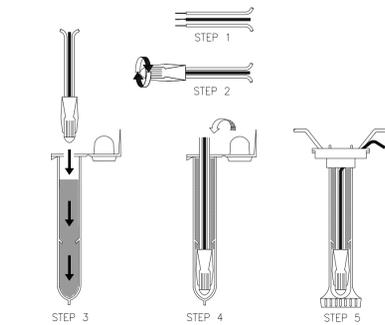


SHEET TITLE

IRRIGATION DETAILS

Scale: SEE DETAILS
Date: 8/29/25
Drawn by:
Checked by: MC
Project No.: 2509

L3.02



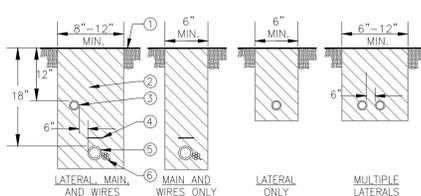
NOTE:
MAXIMUM # OF WIRES PER CONNECTOR:
• 3-#14 GAUGE
• 2-#12 GAUGE

INSTRUCTIONS:

1. STRIP WIRES APPROXIMATELY 1/2" FROM ENDS TO EXPOSE WIRE.
2. TWIST CONNECTOR AROUND WIRES CLOCKWISE UNTIL HAND TIGHT, DO NOT OVERTIGHTEN.
3. INSERT WIRE ASSEMBLY TO BOTTOM OF GEL-FILLED TUBE. CHECK TO MAKE SURE CONNECTOR HAS BEEN PUSHED PAST LOCKING FINGERS AND IS SEATED AT THE BOTTOM OF THE TUBE.
4. PLACE WIRES WHICH EXIT TUBE IN WIRE EXIT HOLES AND CLOSE CAP UNTIL IT SNAPS.
5. INSPECT FINAL SPLICE ASSEMBLY THAT IT IS SECURED.

3 WEATHERPROOF WIRE SPLICE ASSEMBLY

1" = 1'-0" P-AD-IRR-06



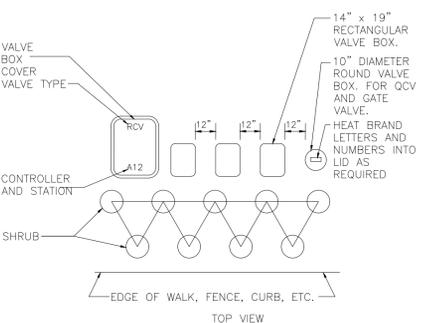
NOTES:

1. ALL MAIN SUPPLY LINES AND LATERAL LINES SHALL BE PLACED IN SLEEVES UNDER PAVED SURFACES. INSTALL LOW VOLTAGE WIRES WITHIN A SEPARATE CONDUIT UNDER PAVED SURFACES. DO NOT TAPE WIRES WITHIN CONDUIT.
2. REUSE SALVAGED EXCAVATED FILL AND COMPACT TO ORIGINAL DENSITY IN LANDSCAPE AREAS. ALL OTHER AREAS SHALL BE AT 95% COMPACTION. BACKFILL MATERIAL SHALL BE THE EARTH EXCAVATED FROM THE TRENCHES, FREE FROM ROCKS (ANYTHING LARGER THAN 2"), CONCRETE CHUNKS, AND OTHER FOREIGN OR COARSE MATERIALS.
3. WHEN 12" POP-UP SPRINKLER HEADS ARE USED, INCREASE THE DEPTH OF LATERAL TO 18" AT THE SPRINKLER LOCATION ONLY.

- 1 FINISH GRADE.
- 2 CLEAN BACKFILL MATERIAL.
- 3 LATERAL LINE.
- 4 3" DETECTABLE WARNING TAPE OVER MAIN LINE. INSTALL 3" ABOVE MAIN LINE.
- 5 MAIN LINE.
- 6 LOW VOLTAGE CONTROL WIRES, TWO-WIRE CABLE, OR CONDUIT WITH WIRES. FOR MULTIPLE WIRES, TAPE AND BUNDLE WIRES AT 10' FT. INTERVALS. WIRING SHALL BE LAID OUT LOOSELY IN THE TRENCH.

2 TRENCHING

1" = 1'-0" P-AD-IRR-10

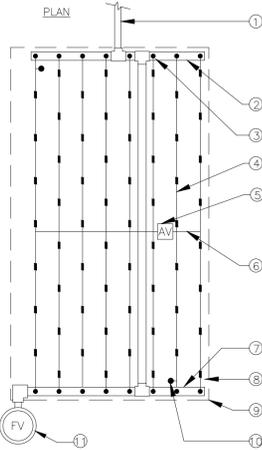


INSTRUCTIONS:

1. CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE.
2. SET BOXES 1" ABOVE FINISH GRADE OR MULCH COVER IN GROUND COVER/SHRUB AREA AND FLUSH WITH FINISH GRADE IN TURF AREA.
3. SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREA. PLACE BEHIND SECOND ROW OF SHRUBS (TYPICAL).
4. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF LAWN, WALK, FENCE, CURB, ETC.
5. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
6. INSTALL EXTENSION BY VALVE BOX MANUFACTURER AS REQUIRED TO COMPLETELY ENCLOSE ASSEMBLY FOR EASY ACCESS.

1 VALVE BOX INSTALLATION

1" = 1'-0" P-AD-IRR-08

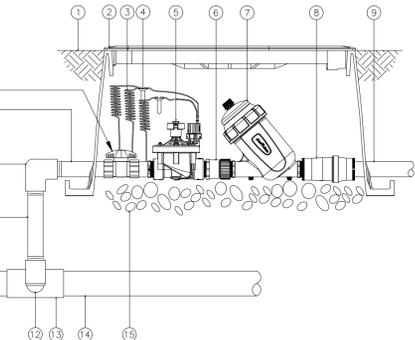


- 1 PVC LATERAL LINE FROM VALVE. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
- 2 PVC FLUSH MANIFOLD. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
- 3 MANIFOLD-TO-ELBOW CONNECTION (TYP).
- 4 DRIPLINE LATERAL.
- 5 AIR/VACUUM RELIEF VALVE PLUMBED TO BLANK 5/8" TUBING AT EACH HIGH POINT.
- 6 AIR/VACUUM RELIEF LATERAL. BLANK 5/8" POLY TUBING CENTERED ON MOUND OR BERM.
- 7 PVC FLUSH MANIFOLD. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
- 8 PERIMETER LATERALS 2" TO 4" FROM EDGE.
- 9 AREA PERIMETER.
- 10 DRIP OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DRIPLINE ZONES.
- 11 AUTOMATIC FLUSH VALVE PLUMBED TO FLUSH MANIFOLD AT LOW POINT.

NOTE:
1. THE TOTAL LENGTH OF ALL INTERCONNECTED DRIP LINE OFF A SINGLE PVC SUPPLY LINE CONNECTION OR A SINGLE RUN OF DRIPLINE SHALL NOT EXCEED 300 FT.
2. INSTALL DRIPLINE 4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.

5 DRIPLINE END FEED LAYOUT

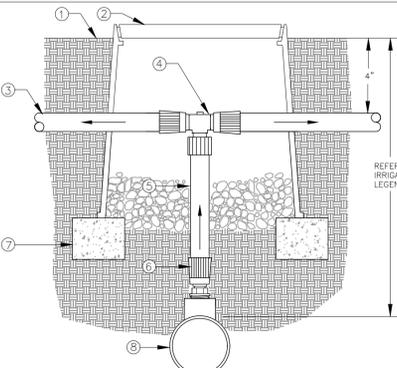
1" = 1'-0" P-AD-IRR-12



- 1 FINISH GRADE/TOP OF MULCH
- 2 JUMBO VALVE BOX: CARSON OR APPROVED EQUAL
- 3 30-INCH LINEAR LENGTH OF WIRE, COILED
- 4 WATERPROOF CONNECTION: RAIN BIRD DB SERIES
- 5 1 1/2" RAINBIRD EFP-CP VALVE
- 6 1 1/2" SCH 40 ADAPTER (MALE X FEMALE)
- 7 1 1/2" FILTER - WILKINS 500YSBR
- 8 1 1/2" HIGH FLOW PRESSURE REGULATOR - WILKINS 500YSBR
- 9 LATERAL PIPE
- 10 PVC SCH 80 NIPPLE 1 1/2"
- 11 PVC SCH 40 ELBOW
- 12 PVC SCH 80 NIPPLE (2" LENGTH, HIDDEN) AND PVC 40 ELBOW
- 13 PVC SCH 40 TEE OR ELBOW
- 14 MAINLINE PIPE
- 15 3" MINIMUM DEPTH OF 3/4" WASHED GRAVEL
- 16 SCHEDULE 80 PVC UNION BALL VALVE (ONE PER VALVE)

4 DRIP VALVE WITH FILTER AND PRESSURE REG

NTS P-AD-IRR-05

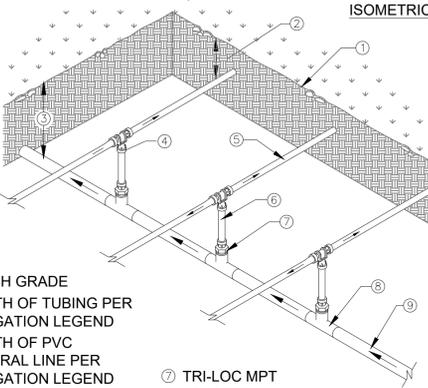


- 1 FINISH GRADE
- 2 CARSON 708 OR EQUAL. COLOR: BLACK. USE PURPLE FOR RECYCLED WATER SYSTEMS.
- 3 DRIPLINE TUBING
- 4 TRI-LOC TEE
- 5 BLANK 5/8" POLY TUBING, LENGTH AS NECESSARY.
- 6 TRI-LOC MPT ADAPTER
- 7 BRICK (1 OF 2)
- 8 SCH 40 PVC TEE WITH 1/2" FPT OUTLET.
- 9 PVC LATERAL LINE SUPPLY. MINIMUM SIZE TO BE 1" UNLESS SIZED DIFFERENTLY ON DRAWINGS. USE SCH 40 PVC 1"x1 1/2" TEE OR 90° ELBOW.

NOTE:
USE ONLY WHEN THE TOTAL LENGTH OF DRIP LINE SERVICED FROM THIS PVC CONNECTION IS LESS THAN 300 FT.

8 PIPE TRANSITION, DRIPLINE TO PVC CONNECTION

1" = 1'-0" P-AD-IRR-18

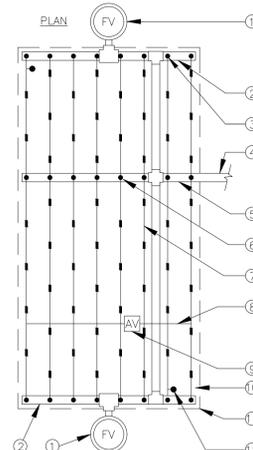


- 1 FINISH GRADE
- 2 DEPTH OF TUBING PER IRRIGATION LEGEND
- 3 DEPTH OF PVC LATERAL LINE PER IRRIGATION LEGEND
- 4 TRI-LOC TEE
- 5 DRIPLINE TUBING
- 6 BLANK 5/8" POLY TUBING, LENGTH AS NECESSARY.
- 7 TRI-LOC MPT ADAPTER
- 8 PVC TEE WITH 1/2" FPT OUTLET.
- 9 PVC LATERAL LINE FROM REMOTE CONTROL VALVE

NOTE:
THE TOTAL LENGTH OF A SINGLE DRIP LINE RUN SHALL NOT EXCEED 300 FT.

7 DRIPLINE CENTER FEED MANIFOLD

1" = 1'-0" P-AD-IRR-17

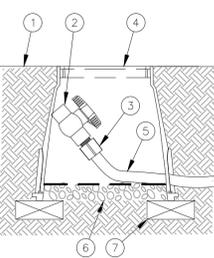


- 1 FLUSH VALVE PLUMBED TO FLUSH MANIFOLD AT LOW POINT
- 2 PVC FLUSH MANIFOLD. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
- 3 MANIFOLD-TO-ELBOW CONNECTION (TYP).
- 4 PVC LATERAL LINE FROM VALVE. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
- 5 PVC SUPPLY MANIFOLD. EXTEND TO END OF ZONE/EXHAUST HEADER.
- 6 MANIFOLD-TO-TEE CONNECTION.
- 7 DRIPLINE LATERAL.
- 8 AIR/VACUUM RELIEF LATERAL. BLANK POLY TUBING CENTERED ON MOUND OR BERM.
- 9 AIR/VACUUM RELIEF PLUMBED TO BLANK 5/8" POLY TUBING AT EACH HIGH POINT.
- 10 PERIMETER LATERALS 2" TO 4" FROM EDGE.
- 11 AREA PERIMETER.
- 12 DRIPLINE OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DRIPLINE ZONE.

NOTE:
1. THE TOTAL LENGTH OF ALL INTERCONNECTED DRIP LINE OFF A SINGLE PVC SUPPLY LINE CONNECTION OR A SINGLE RUN OF DRIPLINE SHALL NOT EXCEED 300 FT.
2. INSTALL DRIPLINE 2-4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.

6 DRIPLINE CENTER FEED LAYOUT

NTS P-AD-IRR-11

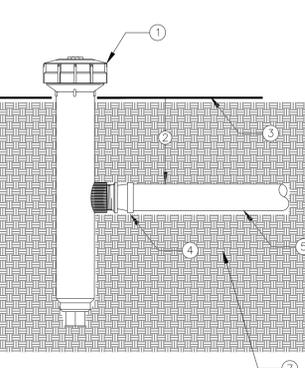


NOTE:
ALLOW A 12" MINIMUM OF PVC HOSE IN VALVE BOX IN ORDER TO DIRECT FLUSHED WATER OUTSIDE VALVE BOX.

- 1 FINISH GRADE
- 1/2" SCH 40 THREADED BALL VALVE.
- 1/2" SCH 40 MALE ADAPTER.
- 6" ROUND PLASTIC VALVE BOX.
- 1" IPS PVC HOSE FROM EXHAUST HEADER OR BLANK DRIP TUBING.
- PEA GRAVEL SUMP (6" DEEP).
- BRICK (1 OF 2)

11 DRIPLINE - FLUSH POINT

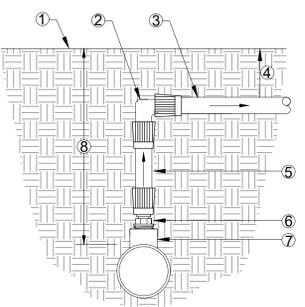
1" = 1'-0" P-AD-IRR-24



- 1 DRIPLINE INDICATOR. USE A MINIMUM OF ONE PER ZONE AND LOCATED AT END OF ZONE.
- DEPTH OF DRIPLINE. REFER TO IRRIGATION LEGEND.
- FINISH GRADE.
- TRI-LOC X 1/2" MPT ADAPTER
- DRIPLINE.
- SOIL BACKFILL.

10 DRIPLINE OPERATION INDICATOR

1" = 1'-0" P-AD-IRR-21



- 1 FINISH GRADE
- TRI-LOC ELBOW
- DRIPLINE TUBING
- DEPTH OF TUBING PER IRRIGATION LEGEND.
- BLANK 5/8" POLY TUBING, LENGTH AS NECESSARY.
- TRI-LOC MPT ADAPTER
- SCH 40 PVC TEE WITH 1/2" FPT OUTLET.
- DEPTH OF PVC LATERAL LINE PER IRRIGATION LEGEND

9 DRIPLINE MANIFOLD TO ELBOW CONNECTION

NOT TO SCALE P-AD-IRR-20

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REVISION

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1	12-10-2025	Addendum 1

STAMP

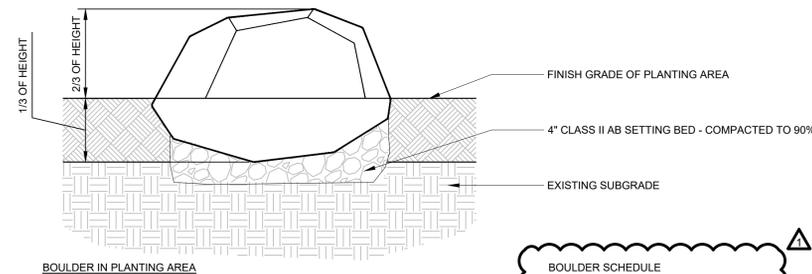
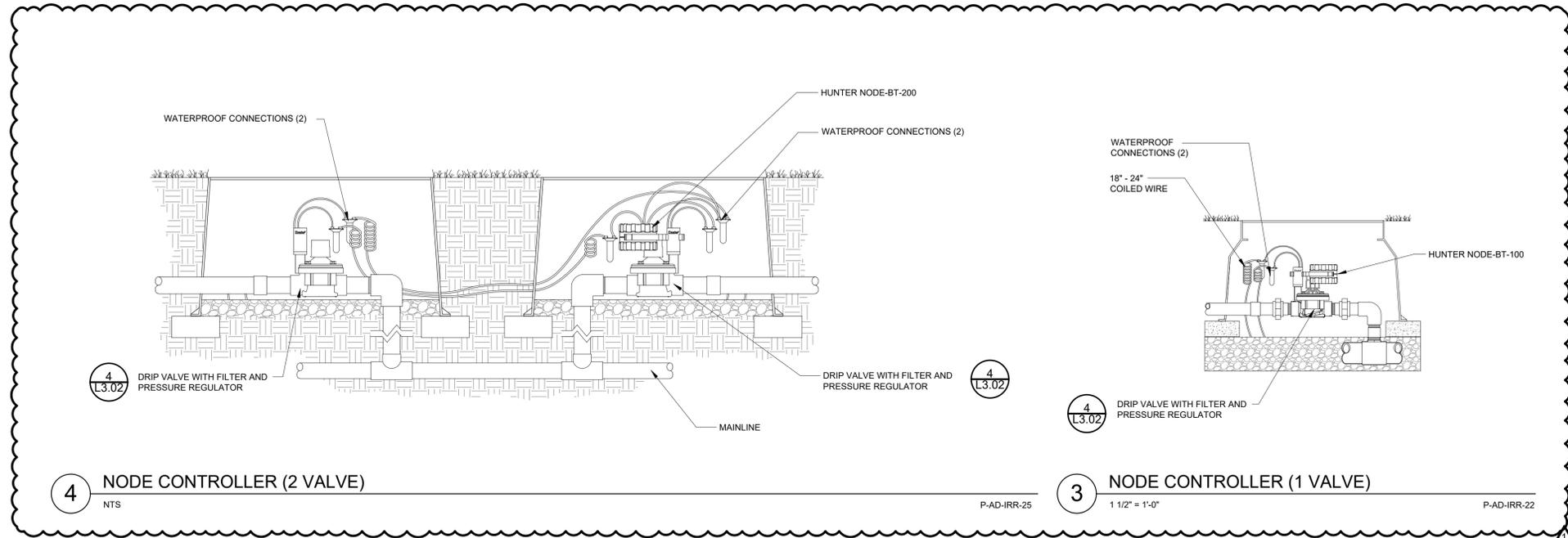


SHEET TITLE

IRRIGATION AND
CONSTRUCTION DETAILS

Scale: SEE DETAILS
Date: 8/29/25
Drawn by:
Checked by: MC
Project No.: 2509

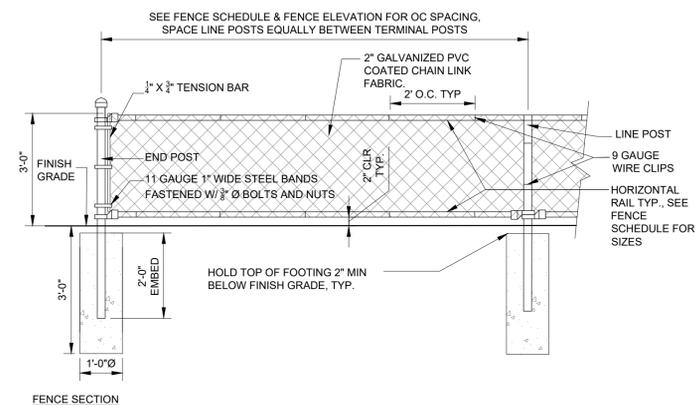
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BOULDER SCHEDULE	
L x W x H	QUANTITY
30-36" x 30-36" x 30-36"	16
36-48" x 36-48" x 30-36"	17
48" x 36-48" x 30-36"	17

NOTE:
1. ALL BOULDERS SHALL BE SELECTED AND FIELD TAGGED BY LANDSCAPE ARCHITECT. CONTRACTOR IS RESPONSIBLE FOR TRANSPORTING BOULDERS TO THE PROJECT LOCATION.

2 BOULDERS
1" = 1'-0"



FENCE SCHEDULE						
4" MAX HEIGHT ABOVE FINISH GRADE	DIAMETER AND WEIGHT, TERMINAL & CORNER POSTS	DIAMETER AND WEIGHT OF LINE POST	FENCE HORIZONTAL RAILS	MAXIMUM POST SPACING	MINIMUM FENCE POST FOOTING SIZE	NOTES
3'-0"	2 3/8" OD SCH 40 TERMINAL AND CORNER POSTS	1-7/8" OD SCH 40	1-5/8" OD SCH 40 TOP AND BOTTOM RAIL	8'-0" OC	12" Ø X 3'-0" DEEP	CONCRETE TO HAVE FC = 3000 PSI MIN

1 CHAINLINK FENCE AND SCHEDULE
1/2" = 1'-0"