

# **RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT**



## **ADDENDUM NO. 2**

Bid #1422 Lots 2 and 7 Crosswalk Improvements Project  
at  
Santiago Canyon College

Address:  
8045 East Chapman Avenue, Orange CA 92869

Project ID #2739.6, DSA #04-0420877

**June 16, 2022**

**Owner:**  
**Rancho Santiago Community College District**  
**2323 North Broadway, Room 112**  
**Santa Ana, California 92706**

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON BID FORM WHEN  
SUBMITTED

The following changes, additions, deletions or corrections shall become a part of the Contract Documents for the project named on the previous page and all other conditions shall remain the same. The Bidders shall be responsible for transmitting this information to all affected Subcontractors and Suppliers, prior to the closing of Bids. Prospective Bidders shall acknowledge receipt of all Addenda in the space provided on the Bid Proposal Form by the number (list every addenda). Failure to do so shall deem the Bid Proposal as non-responsive and subject the Bidder to disqualification.

**Item No. AD 2-1: Response to RFIs**

The following provides a response to the Bidder's Request for Information (RFI). See attached a total of two (2) RFI responses.

Enclosed:  
RFI #1 and RFI #2

**Item No. AD 2-2: Clarification for Bidders**

See attached Addendum 2 from SVA Architects.

Enclosed:  
Two (2) pages for the narrative and two (2) pages for the drawings.

**This is the end of Addendum No. 2**

## Item No. AD 2-1: Response to RFI #1

### PRE-BID CLARIFICATION FORM

*(Email this completed form to FacilitiesBid@rsccd.edu. See Instructions to Bidders.)*

PROJECT NAME:	Barrier Removal Lots 2 and 7 Crosswalk Improvements Project at Santiago Canyon College		
PROJECT NUMBER:	2739.6	BID NUMBER:	1422
<b>EMAIL TO: facilitiesbid@rsccd.edu</b>			
DATE:			
FROM:	Corner Keystone Construction Corporation	EMAIL:	office@cornerkeystone.com
SPEC SECTION:		DRAWING NUMBER:	
<b>REQUESTED CLARIFICATION:</b>			
What is the engineer's estimate for this project? Thank you!			
<b>RESPONSE TO CLARIFICATION:</b>			
The Engineer's estimate is between \$320,000.00 - \$360,000.00  Responded to by RSCCD, 6/16/2022			

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

END OF DOCUMENT

## Item No. AD 2-1: Response to RFI #2

### PRE-BID CLARIFICATION FORM

*(Email this completed form to FacilitiesBid@rsccd.edu. See Instructions to Bidders.)*

PROJECT NAME:	Barrier Removal Lots 2 and 7 Crosswalk Improvements Project at Santiago Canyon College		
PROJECT NUMBER:	2739.6	BID NUMBER:	1422
EMAIL TO: facilitiesbid@rsccd.edu			
DATE:	6/08/2022		
FROM:	Armstrong Cal Builders Inc.	EMAIL:	bidding@armstrongcalbuilders.com
SPEC SECTION:		DRAWING NUMBER:	
REQUESTED CLARIFICATION:			
Please advise on project estimate for this project.			
RESPONSE TO CLARIFICATION:			
The Engineer's estimate is between \$320,000.00 - \$360,000.00  Responded to by RSCCD, 6/16/2022			

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

END OF DOCUMENT



## Item No. AD 2-2: Clarification for Bidders

### ADDENDUM 2

June 16, 2022

**Project:** SANTIAGO CANYON COLLEGE BARRIER REMOVAL LOTS 2 & 7 CROSSWALKS  
Orange, CA

**Owner:** RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT  
2323 North Broadway, Suite 112,  
Santa Ana, CA 92706

**Architect:** SVA Architects  
6 Hutton Centre Drive, Suite 1150  
Santa Ana, CA 92707

**Project No.:** 2021-40118

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*Note: The following revisions and clarifications to the Approved Documents (plans and specifications) shall become a part of the Contract Documents prior to Bid. The narrative descriptions listed for the changes are provided for general reference as to the revisions, and each revised drawing/specification/bid package/bid document included shall be reviewed for the full extent of revisions.*

### DRAWINGS

Delete the listed sheets below and replace them with the sheets attached as part of this addendum.

#### 1. LANDSCAPE:

- A. Added note – “Protect-in-place existing tree and irrigation, and contractor to engage a qualified arborist for professional tree assessment. Tree protected-in-place subject to final report by hired Arborist and if tree is deemed appropriate for removal, the contractor will be responsible for tree work and cost.” Refer to ‘Lot 2 – Site Plan’ on sheet **L5.101**.
- B. Added note – “Existing irrigation in this area to be removed and reconnected to accommodate new concrete curb.” Refer to ‘Lot 2 – Site Plan’ on sheet **L5.101**.
- C. Added symbols depicting new locations for two (2) relocated valves and have been located northwest of its existing location. Refer to ‘Lot 2 – Site Plan’ on sheet **L5.101**.
- D. Added note – “After rewiring of valves, reconnect irrigation wires as to make them operate in their original state. Restore and test irrigation operation as witnessed and accepted by the District Representative and/or design team.” Refer to ‘Lot 2 – Site Plan’ on sheet **L5.101**.



- E. Added note – “After work has been completed, restore and test irrigation operation as witnessed and accepted by the District Representative and/or design team.” Refer to ‘Lot 7 – Site Plan’ on sheet **L5.101**.
- F. Updated Irrigation Utilities and Irrigation Piping legends. Refer to revised ‘Irrigation Utilities’ and ‘Irrigation Piping’ legends on sheet **L5.101**.
- G. For specific tree protection procedures, excavation, and construction requirements, refer to revised ‘**Detail D – Tree Protection**’ on sheet **L5.401**.

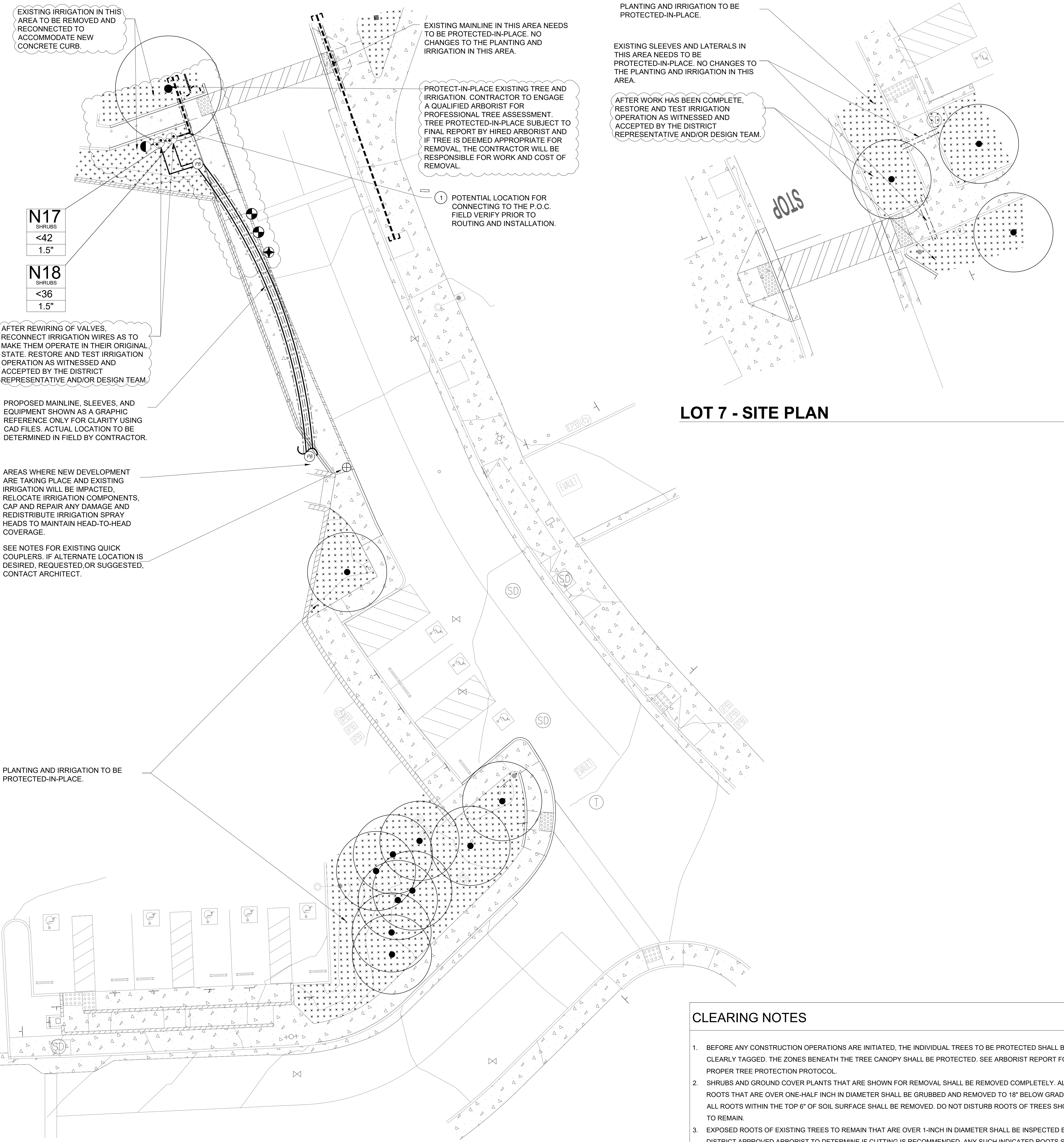
**Attachments:** Revised Sheets: L5.101 and L5.401

**Reason:** Clarifications for bidders.

**Distribution:** District  
File

END OF ADDENDUM 2





EXISTING IRRIGATION IN THIS AREA TO BE REMOVED AND RECONNECTED TO ACCOMMODATE NEW CONCRETE CURB.

EXISTING MAINLINE IN THIS AREA NEEDS TO BE PROTECTED-IN-PLACE. NO CHANGES TO THE PLANTING AND IRRIGATION IN THIS AREA.

PROTECT-IN-PLACE EXISTING TREE AND IRRIGATION. CONTRACTOR TO ENGAGE A QUALIFIED ARBORIST FOR PROFESSIONAL TREE ASSESSMENT. TREE PROTECTED-IN-PLACE SUBJECT TO FINAL REPORT BY HIRED ARBORIST AND IF TREE IS DEEMED APPROPRIATE FOR REMOVAL, THE CONTRACTOR WILL BE RESPONSIBLE FOR WORK AND COST OF REMOVAL.

PLANTING AND IRRIGATION TO BE PROTECTED-IN-PLACE.

EXISTING SLEEVES AND LATERALS IN THIS AREA NEEDS TO BE PROTECTED-IN-PLACE. NO CHANGES TO THE PLANTING AND IRRIGATION IN THIS AREA.

AFTER WORK HAS BEEN COMPLETE, RESTORE AND TEST IRRIGATION OPERATION AS WITNESSED AND ACCEPTED BY THE DISTRICT REPRESENTATIVE AND/OR DESIGN TEAM.

N17 SHRUBS <42 1.5"

N18 SHRUBS <36 1.5"

AFTER REWIRING OF VALVES, RECONNECT IRRIGATION WIRES AS TO MAKE THEM OPERATE IN THEIR ORIGINAL STATE. RESTORE AND TEST IRRIGATION OPERATION AS WITNESSED AND ACCEPTED BY THE DISTRICT REPRESENTATIVE AND/OR DESIGN TEAM.

PROPOSED MAINLINE, SLEEVES, AND EQUIPMENT SHOWN AS A GRAPHIC REFERENCE ONLY FOR CLARITY USING CAD FILES. ACTUAL LOCATION TO BE DETERMINED IN FIELD BY CONTRACTOR.

AREAS WHERE NEW DEVELOPMENT ARE TAKING PLACE AND EXISTING IRRIGATION WILL BE IMPACTED. RELOCATE IRRIGATION COMPONENTS, CAP AND REPAIR ANY DAMAGE AND REDISTRIBUTE IRRIGATION SPRAY HEADS TO MAINTAIN HEAD-TO-HEAD COVERAGE.

SEE NOTES FOR EXISTING QUICK COUPLERS. IF ALTERNATE LOCATION IS DESIRED, REQUESTED OR SUGGESTED, CONTACT ARCHITECT.

PLANTING AND IRRIGATION TO BE PROTECTED-IN-PLACE.

LOT 7 - SITE PLAN

LOT 2 - SITE PLAN

CLEARING NOTES

- BEFORE ANY CONSTRUCTION OPERATIONS ARE INITIATED, THE INDIVIDUAL TREES TO BE PROTECTED SHALL BE CLEARLY TAGGED. THE ZONES BENEATH THE TREE CANOPY SHALL BE PROTECTED. SEE ARBORIST REPORT FOR PROPER TREE PROTECTION PROTOCOL.
- SHRUBS AND GROUND COVER PLANTS THAT ARE SHOWN FOR REMOVAL SHALL BE REMOVED COMPLETELY. ALL ROOTS THAT ARE OVER ONE-HALF INCH IN DIAMETER SHALL BE GRUBBED AND REMOVED TO 18" BELOW GRADE. ALL ROOTS WITHIN THE TOP 6" OF SOIL SURFACE SHALL BE REMOVED. DO NOT DISTURB ROOTS OF TREES SHOWN TO REMAIN.
- EXPOSED ROOTS OF EXISTING TREES TO REMAIN THAT ARE OVER 1-INCH IN DIAMETER SHALL BE INSPECTED BY A DISTRICT APPROVED ARBORIST TO DETERMINE IF CUTTING IS RECOMMENDED. ANY SUCH INDICATED ROOTS SHALL BE CUT CLEANLY WITH SHARP PRUNING TOOLS AND NOT BE RIPPED, TORN, OR CRUSHED.
- CONTRACTOR TO MARK ALL TREES FOR REMOVAL. DISTRICT TO INSPECT AND APPROVE MARKED TREES PRIOR TO DEMOLITION.

TREE LEGEND

SYM.	DESCRIPTION
(Circle with dot)	TREE TO BE PROTECTED-IN-PLACE
(Stippled area)	LANDSCAPE AND IRRIGATION AREA TO BE PROTECTED

NOTES:  
 - ALL TREES TO BE PROTECTED-IN-PLACE UNLESS OTHERWISE NOTED.  
 - IF A TREE IS IN QUESTION AND DOESN'T HAVE A DEMOTION OR SYMBOL, PLEASE CONTACT THE ARCHITECT.

GENERAL IRRIGATION NOTES

- THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS AND VALVES FOR OPTIMUM COVERAGE WITH MINIMAL OVERSPRAY ONTO WALKS, STREETS, WALLS, AND ETC.
- THE IRRIGATION DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS ARE FOR CLARIFICATION ONLY AND SHALL BE INSTALLED WITHIN PLANTING AREAS WHEREVER POSSIBLE.
- IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO BECOME FAMILIAR WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, STRUCTURES, AND UTILITIES. THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY THEIR WORK. WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER ROADWAYS, PAVING, AND ETC.
- DO NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES ON SITE EXIST THAT ARE NOT SHOWN ON THE PLANS. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THAT NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- ALL SPRINKLER EQUIPMENT NOT DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
- IRRIGATION MAINLINE AND APPURTENANCES LOCATION IS DIAGRAMMATIC. ALL IRRIGATION EQUIPMENT SHALL BE INSTALLED WITHIN THE LIMIT OF WORK, 18" OFF HARDSCAPE AND WITHIN PLANTING AREAS.
- IRRIGATION EQUIPMENT SHOWN OUTSIDE OF MAINTENANCE RESPONSIBILITY AREAS FOR CLARITY ONLY. ALL MAINTAINED AREA EQUIPMENT SHALL BE INSTALLED WITHIN THE LIMIT OF WORK. VERIFY ALL LAYOUT IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE.
- CONTRACTOR SHALL PROVIDE SLEEVING FOR ALL FUTURE PAVED AREAS INCLUDING FUTURE DRIVEWAYS, ROADWAYS, AS WELL AS ALL CURRENT PAVED AREAS, PATHS, ETC. VERIFY ALL SLEEVE LOCATIONS IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO STARTING WORK.
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING WITHIN THE DRIPLINE OF EXISTING TREES. NO MECHANICAL TRENCHING WITHIN THE DRIPLINE OF THE EXISTING TREE WILL BE ALLOWED. CONTRACTOR SHALL REFER TO ARBORIST REPORT FOR ADDITIONAL PRECAUTIONS REQUIRED FOR THE EXISTING TREES.

GENERAL PLANTING NOTES

- REFER TO THE WRITTEN SPECIFICATION.
- ANY TREE INDICATED ON A PLAN SHOULD BE CONSIDERED DIAGRAMMATIC. ALL LOCAL JURISDICTION STANDARDS AND SPECIFICATIONS SHOULD BE REVIEWED PRIOR TO PLANTING.
- CONTRACTOR SHALL COVER ALL PLANTING AREAS WITH A 3" LAYER OF SHREDDED BARK MULCH.
- ALL LANDSCAPE AREAS SHALL SHEET FLOW @ 2% MINIMUM OR DRAIN TO AREA. DRAINS @ 1% MINIMUM PER CIVIL ENGINEERING PLANS.
- SUBMIT MULCH SAMPLE WITH HORTICULTURAL SOILS REPORT PRIOR TO DELIVERY.
- CONTRACTOR SHALL REPAIR AT HIS OWN EXPENSE, ANY DAMAGE, WHETHER INSIDE OR OUTSIDE OF THE PROJECT LIMIT OF WORK, TO UTILITY SYSTEMS, SURFACE PAVEMENTS, FIXTURES, STRUCTURES, OR VEGETATION THAT IS NOT SPECIFICALLY INDICATED TO BE REMOVED AS PART OF THIS PLAN. ALL DAMAGED ITEMS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION, AS ACCEPTABLE TO THE OWNER.
- EXCEPT FOR MATERIALS INDICATED TO BE SALVAGED AND RELOCATED ON SITE, ALL CLEARED MATERIALS SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE REMOVED AND DISPOSED OF LEGALLY OFF-SITE. SEPARATE RECYCLABLE MATERIALS PRODUCED DURING SITE CLEARING FROM OTHER NONRECYCLABLE MATERIALS. STORE OR STOCKPILE WITHOUT INTERMIXING WITH OTHER MATERIALS AND TRANSPORT THEM TO RECYCLING FACILITIES.

IRRIGATION UTILITIES

- (Square with T) POINT OF CONNECTION (P.O.C.) DOMESTIC SERVICE LINE BY OTHERS.
- (Circle with cross) EXISTING REMOTE CONTROL VALVE LOCATION, TO BE RELOCATED TO NEW LOCATION.
- (Circle with dot) EXISTING QUICK COUPLER VALVE LOCATION, TO BE RELOCATED TO NEW LOCATION.
- (Circle with dot) NEW REMOTE CONTROL VALVE LOCATION. FIELD VERIFY PRIOR TO INSTALL.
- (Circle with dot) NEW QUICK COUPLER VALVE. FIELD VERIFY PRIOR TO INSTALL.
- (Circle with cross) QUICK COUPLER VALVE TO BE REMOVED AND CAPPED.
- (Circle with X) PULL-BOX FOR PVC LATERAL LINES.
- (Line with T) CONNECT NEW NON-PRESSURIZED LATERAL TO EXISTING SYSTEM.
- (Line with T) CAP NON-PRESSURIZED LATERAL. THIS SERVICES THE TREES THAT ARE BEING REMOVED.

IRRIGATION PIPING

- (Dashed line) EXISTING PRESSURIZED IRRIGATION MAINLINE TO REMAIN. REROUTE FROM PREVIOUS VALVE LOCATIONS TO THE NEW LOCATIONS.
- (Solid line) PROPOSED PRESSURIZED MAINLINE, MATERIAL, SIZE, AND TYPE TO MATCH EXISTING.
- (Dotted line) EXISTING NON-PRESSURIZED IRRIGATION WATER LINE TO REMAIN. REMOVE IRRIGATION AT TREES TO BE REMOVED AND CAP LATERAL.
- (Dotted line) PROPOSED NON-PRESSURIZED IRRIGATION WATER LINE, MATERIAL, SIZE, AND TYPE TO MATCH EXISTING.
- (Dotted line) PROPOSED PVC PIPE SCH. 40 SLEEVING, TWICE THE DIAMETER OF PIPE OR WIRE BUNDLE CARRIED - EXTEND 18" BEYOND EDGE OF PAVING & PLACE BELOW ALL PAVING, HARDSCAPE, ETC., AND AS DIRECTED BY OWNER'S AUTHORIZED REPRESENTATIVE.

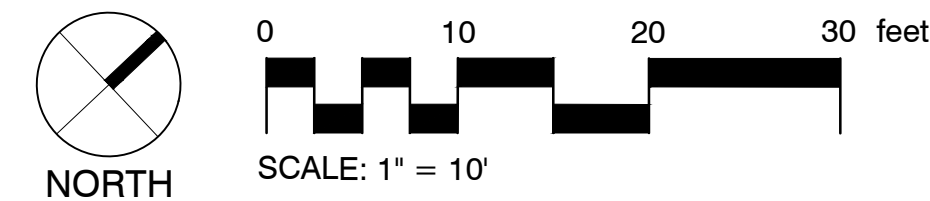
VALVE KEY:

#	Valve Number
#	Valve Flow
#	Valve Size

IRRIGATION POINT-OF-CONNECTION NOTES:

- CONNECT PROPOSED IRRIGATION MAINLINE TO EXISTING IRRIGATION MAINLINE IN THIS APPROXIMATE LOCATION. CONTRACTOR SHALL ROUTE NEW CONTROL WIRES FROM EXISTING CONTROLLER TO THE PROPOSED VALVES AND REPAIR AND REPLACE ANY DAMAGE AS RESULTING FROM TRENCHING, WIRE ROUTING, ETC.

**DIGALERT**  
 DIAL TOLL FREE 1-800-227-2600  
 AT LEAST TWO DAYS BEFORE YOU DIG  
 UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA



REVISIONS:

DESCRIPTION	DATE
BID ADDENDUM NO. 2	06/16/2022

DATE ISSUED: 2022.04.14  
 PROJECT NO: 2021-40118  
 DSA APPLICATION NO: 04-120877  
 SCALE: As indicated  
 SHEET NUMBER: **L5.101**

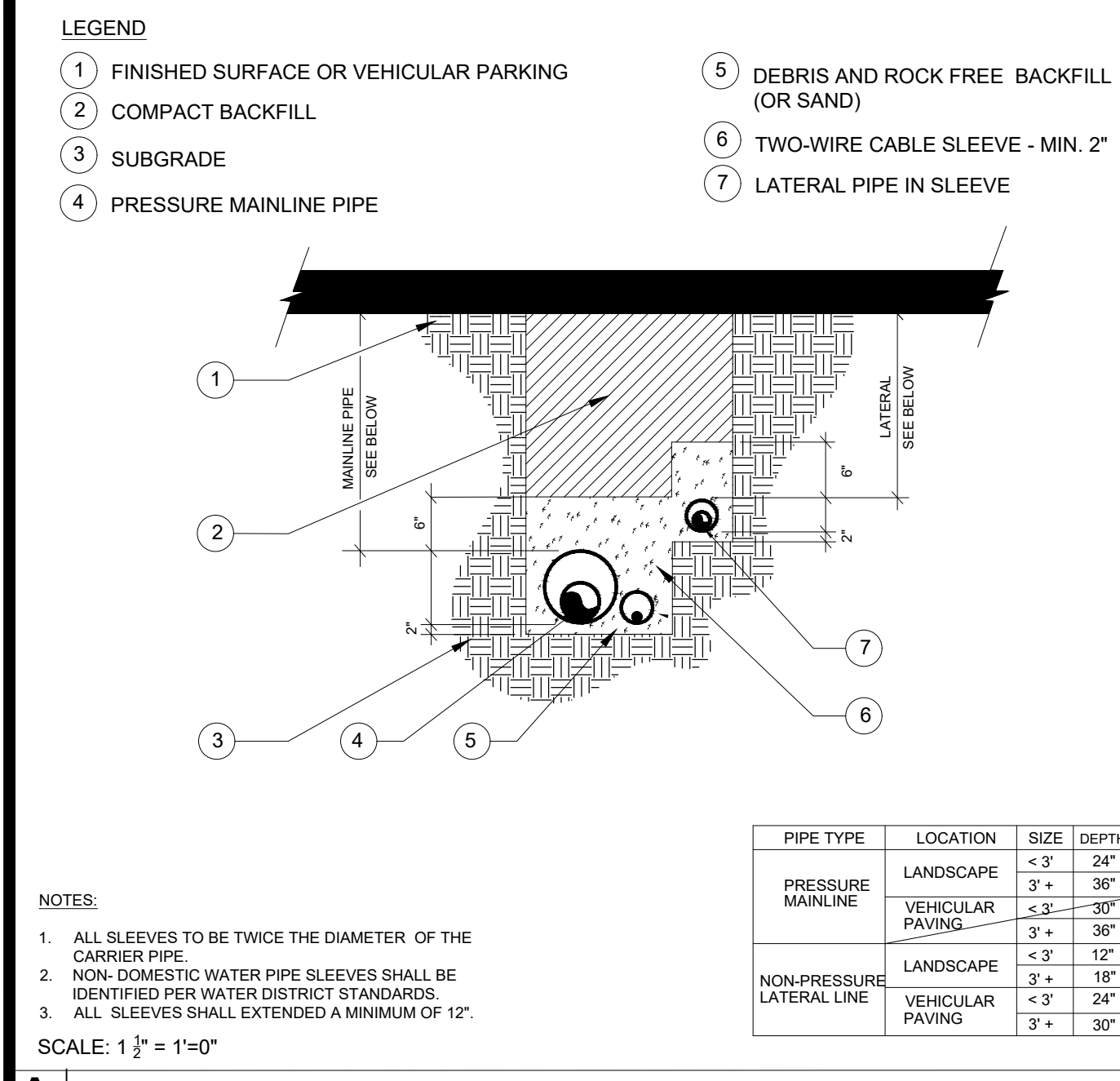
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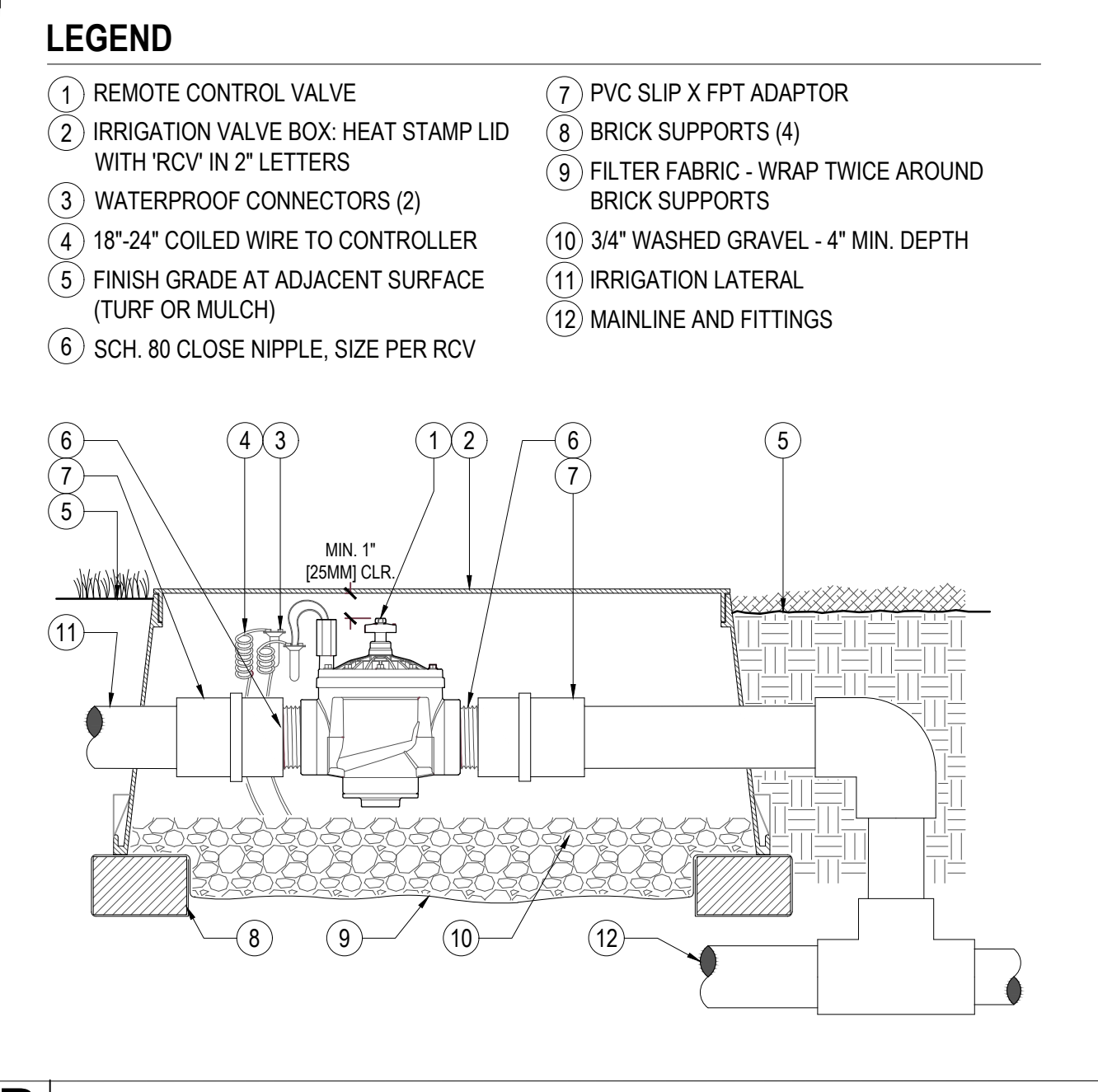
6 HUTTON CENTRE DR, SUITE 1150 SANTA ANA, CA 92707  
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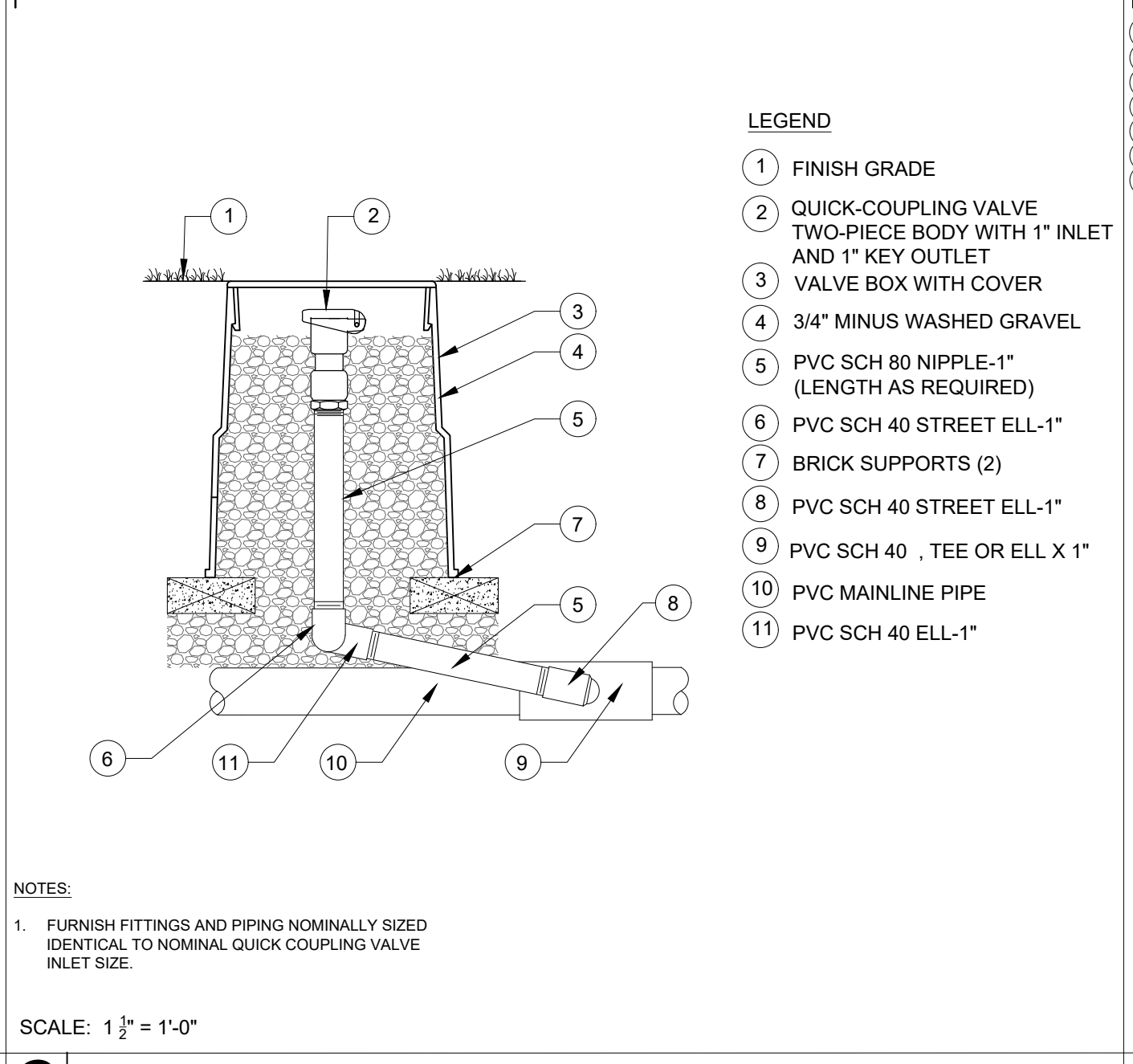




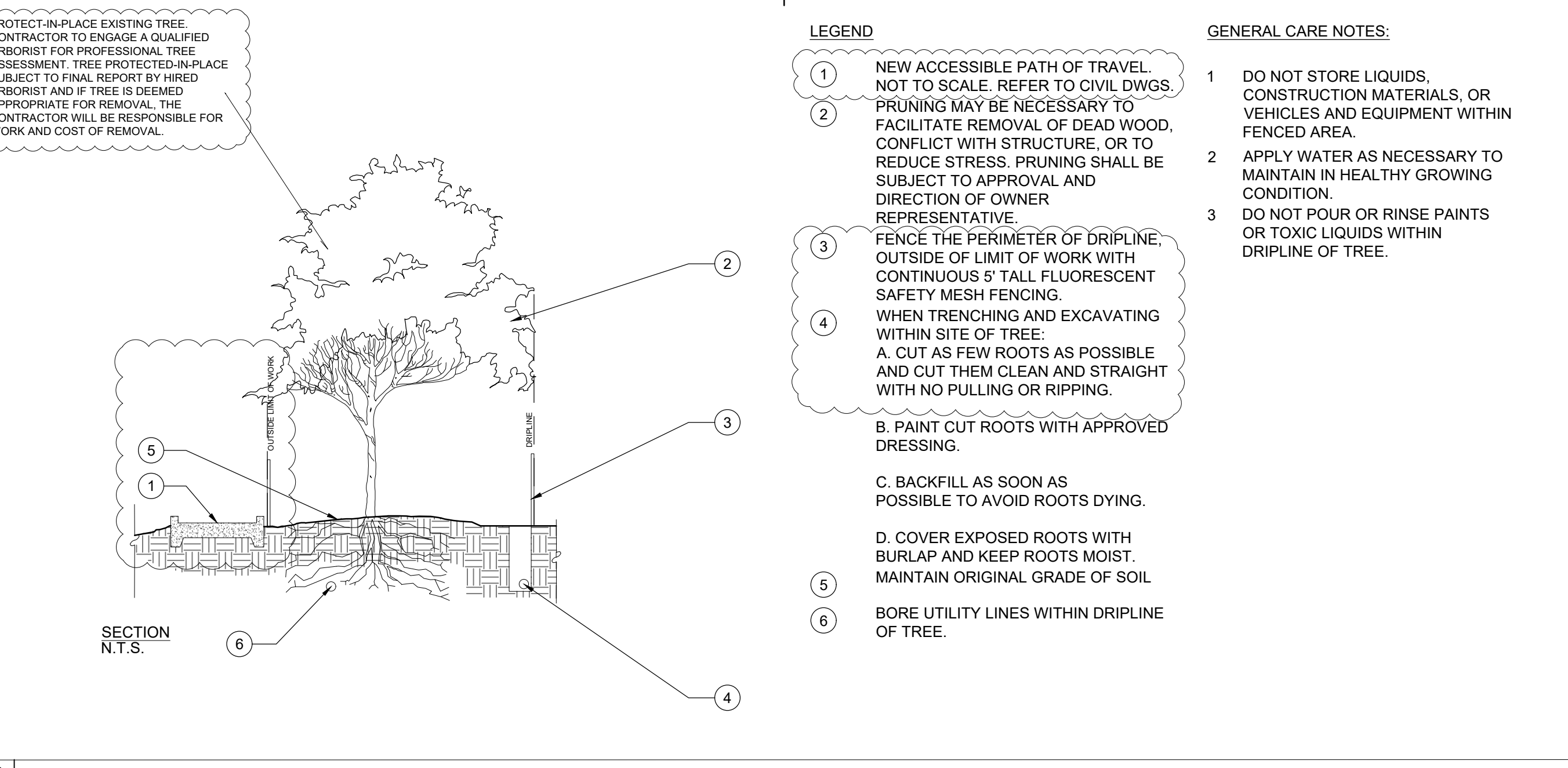
**A** PIPE AND SLEEVE TRENCHING



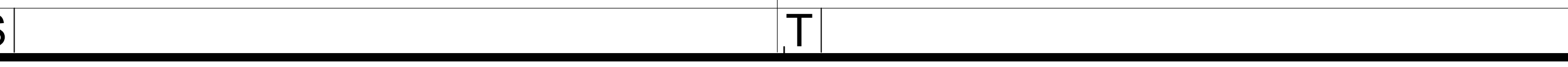
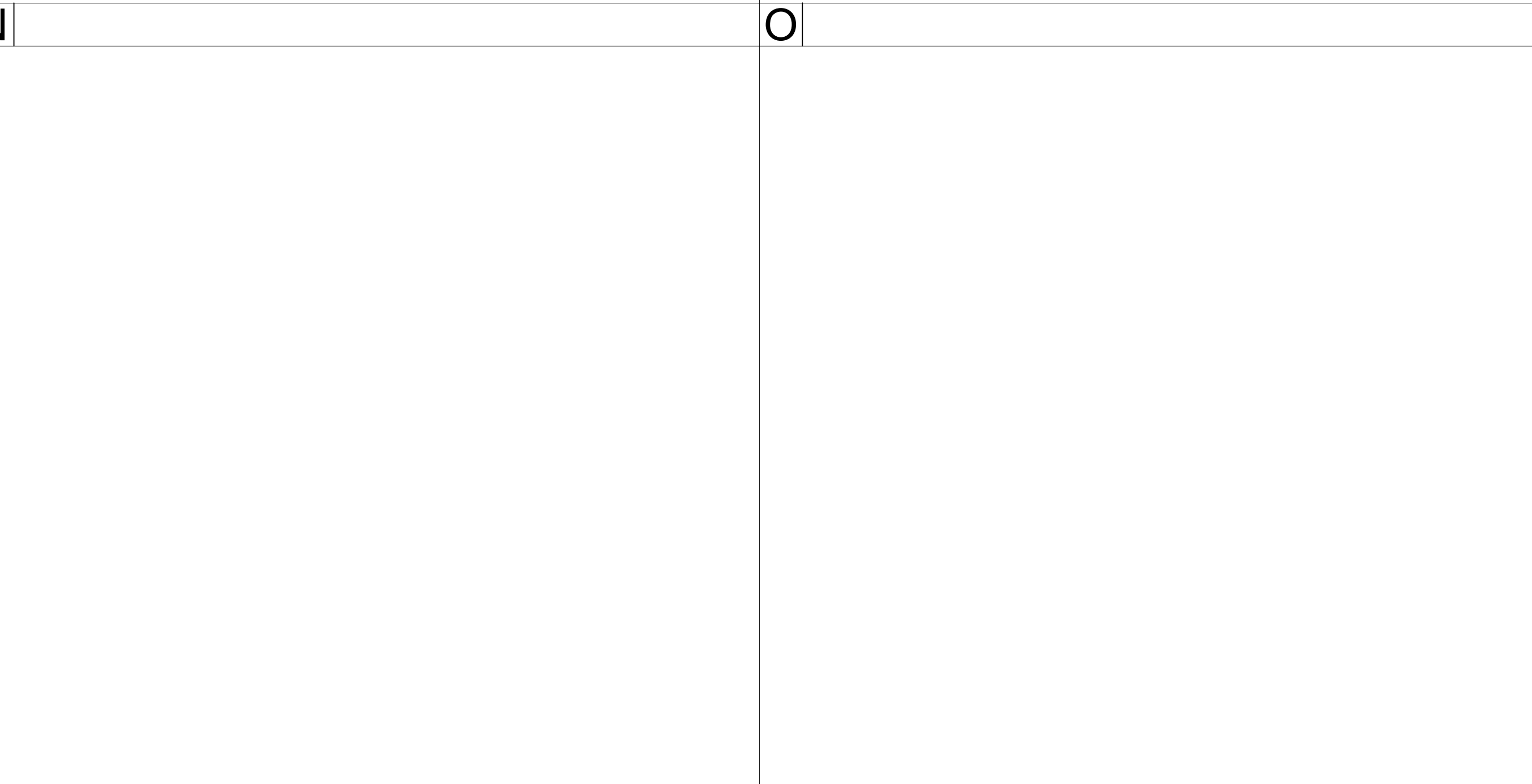
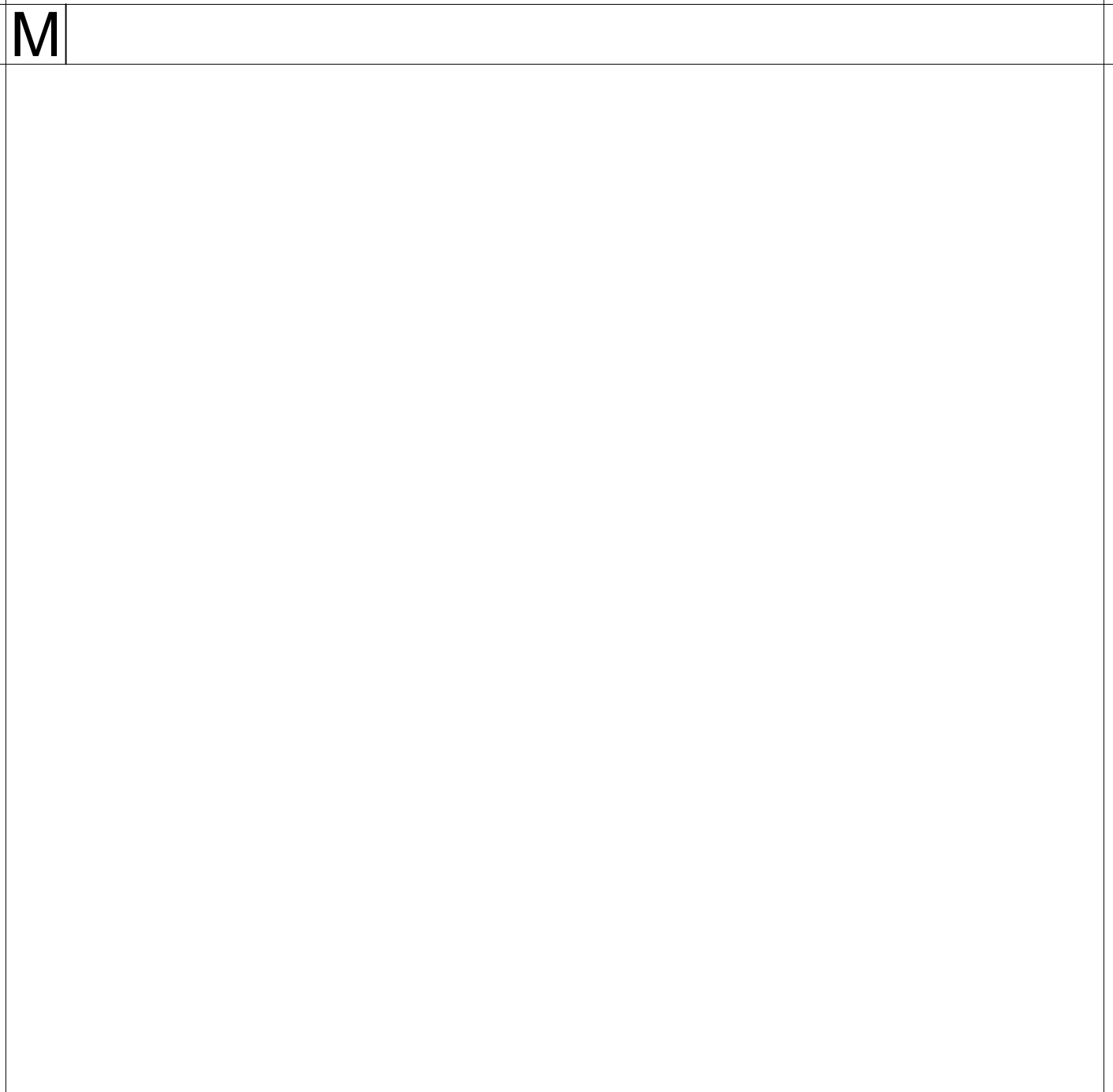
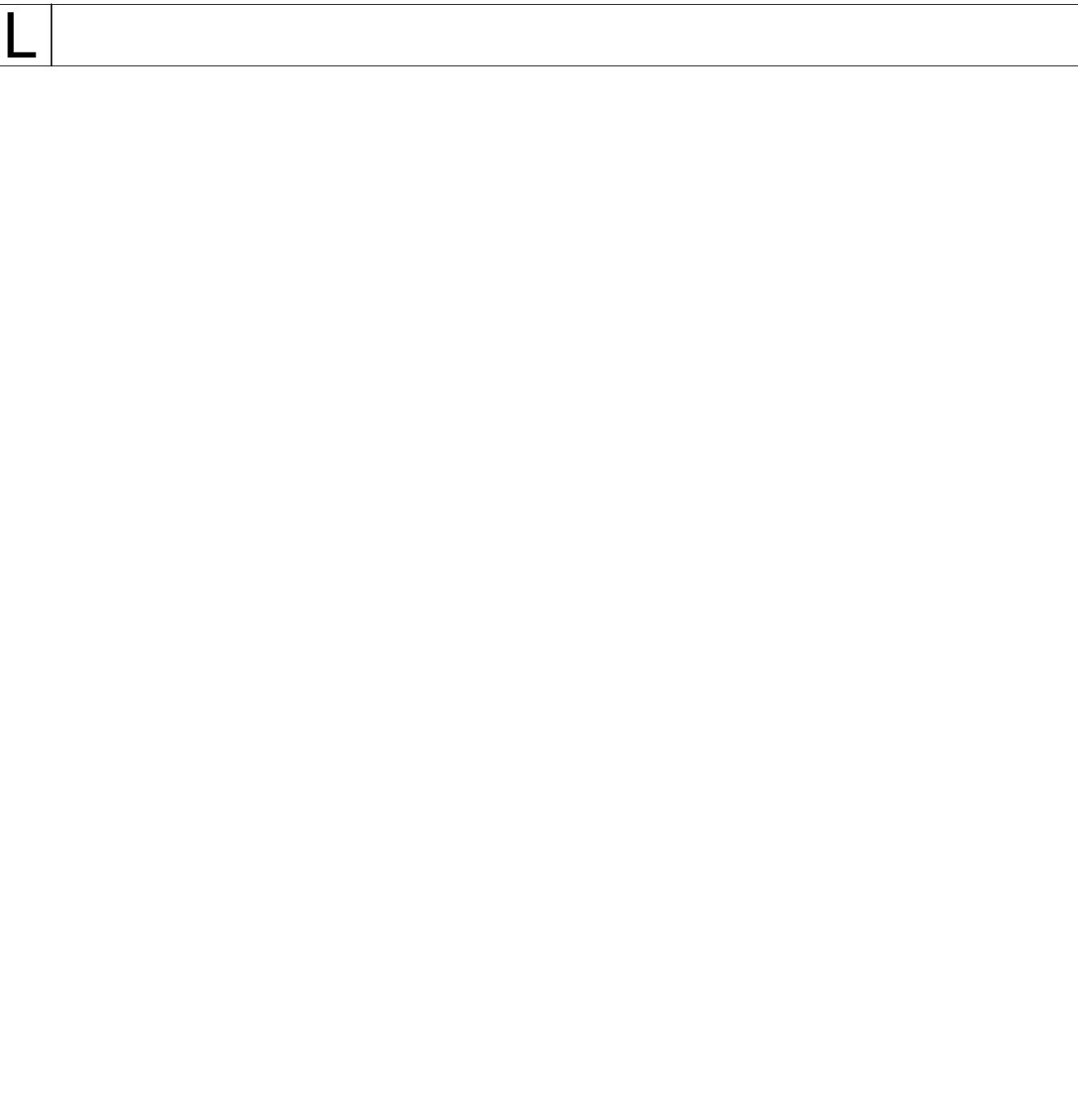
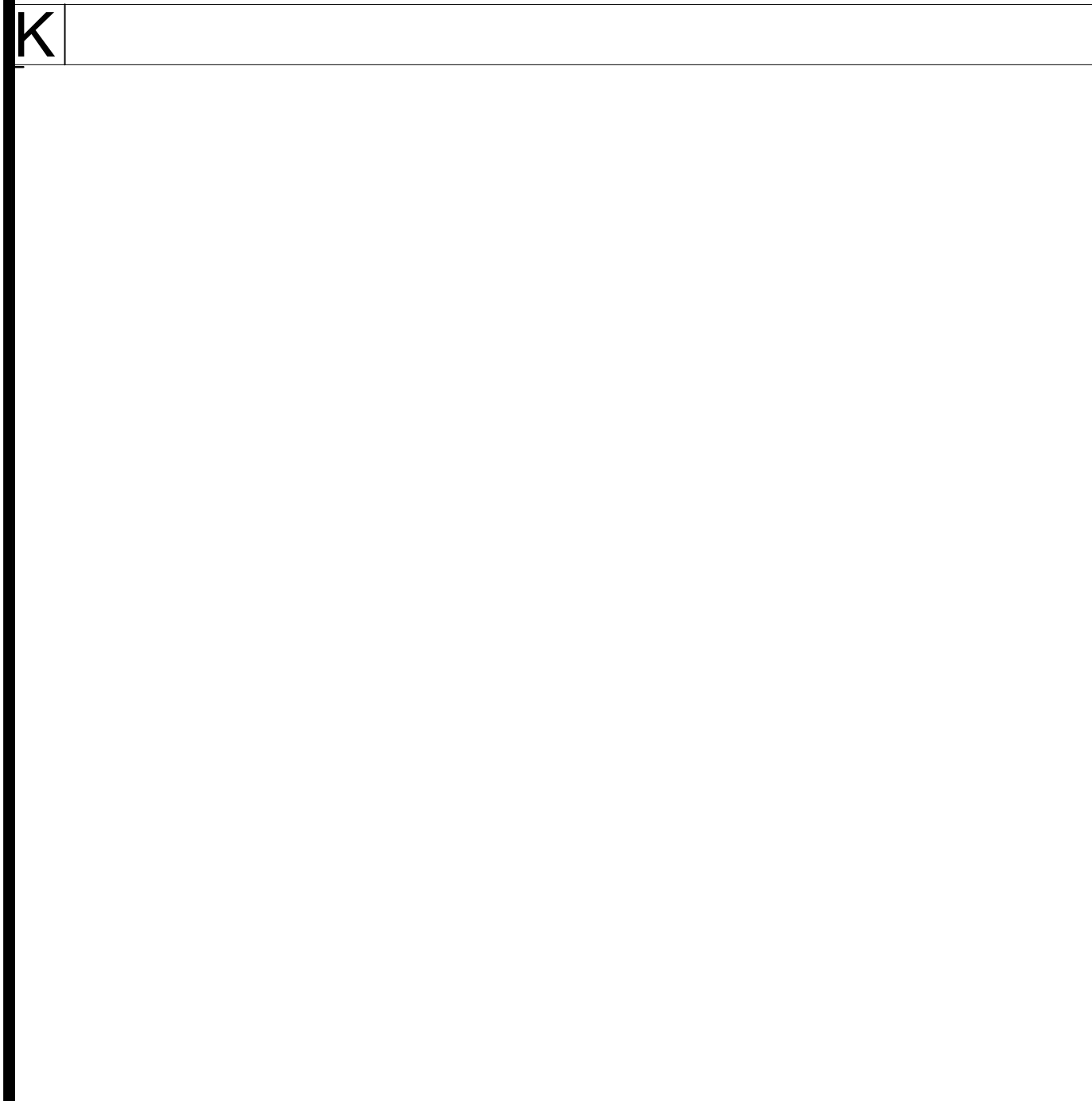
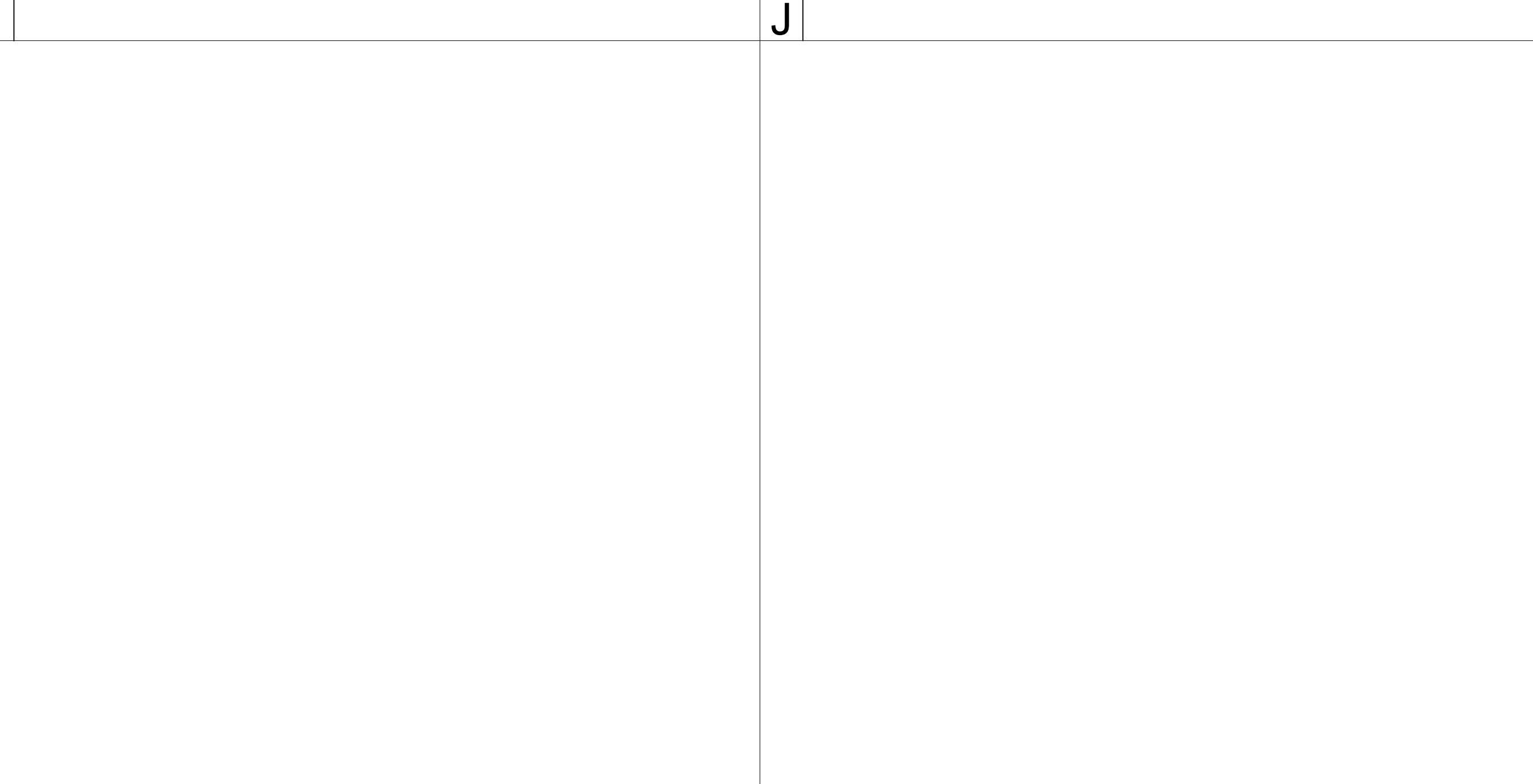
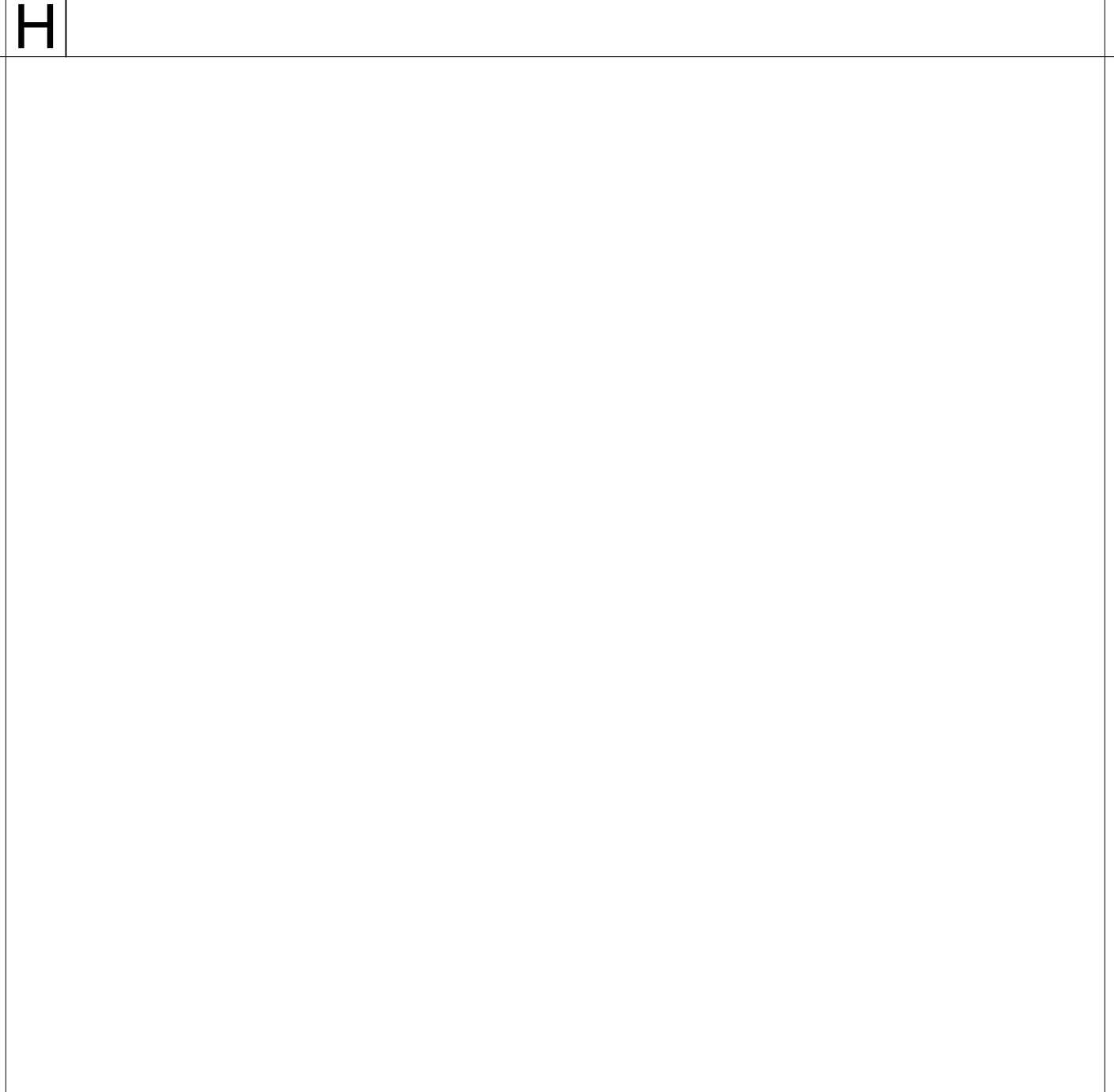
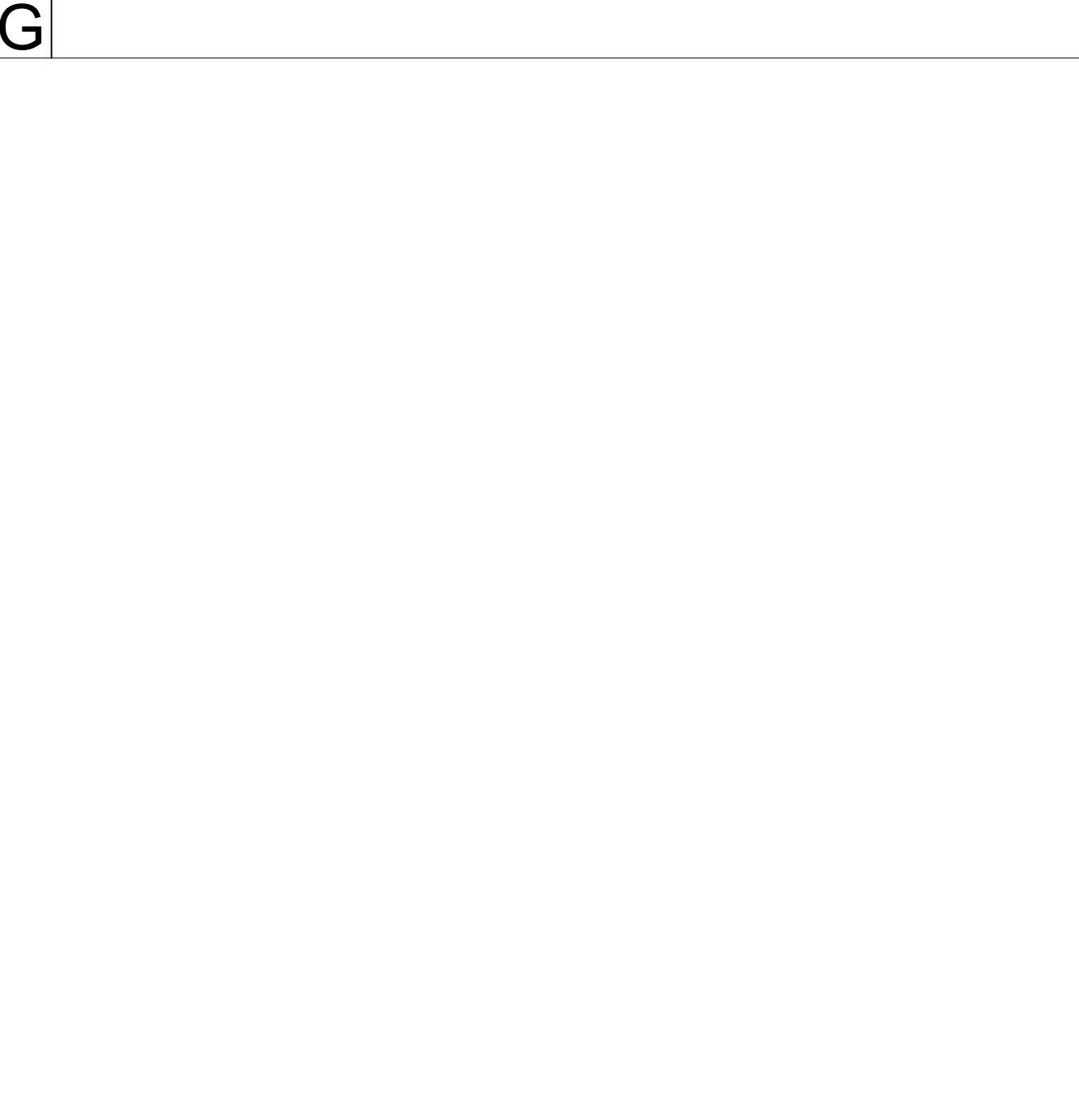
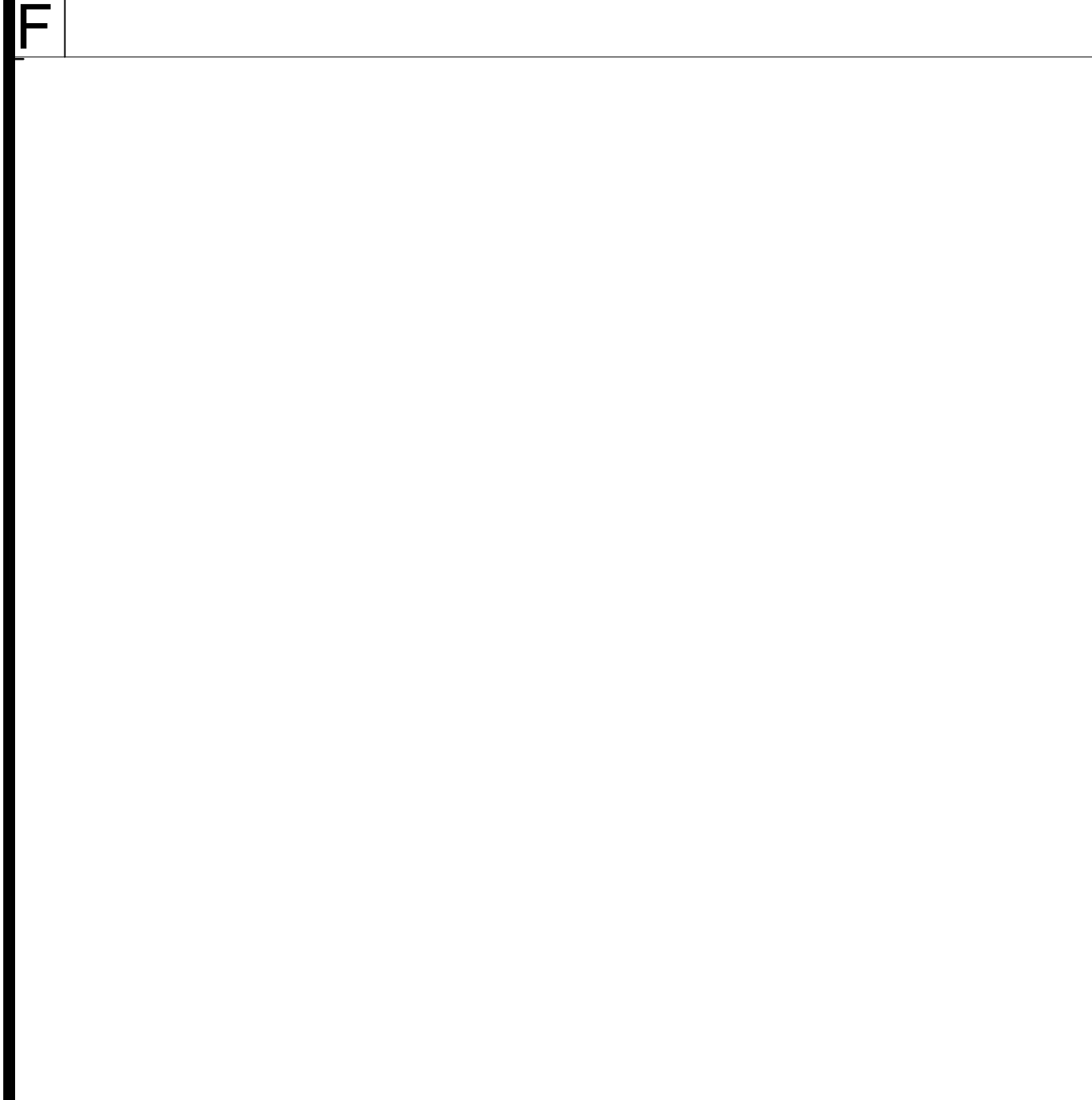
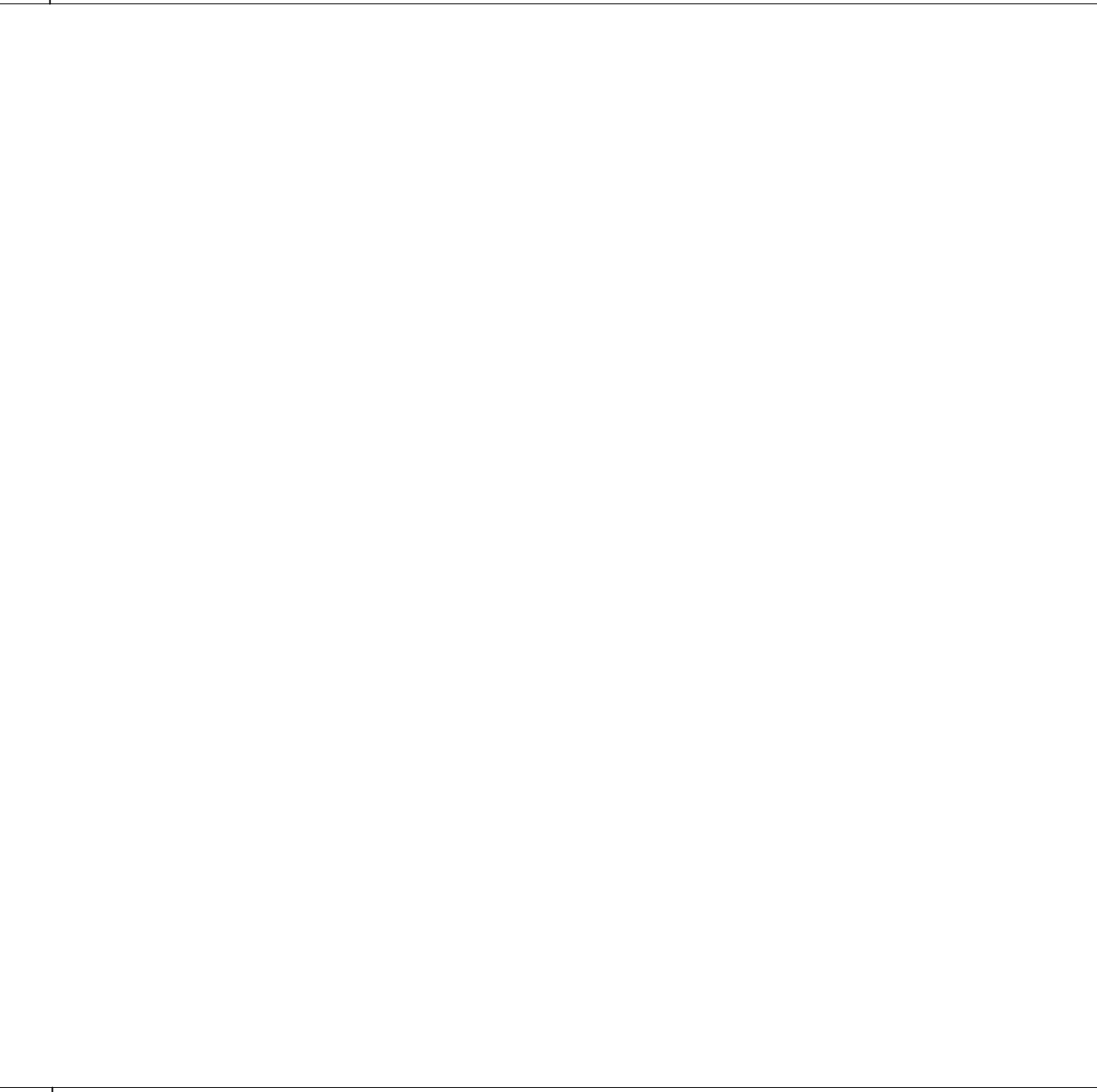
**B** REMOTE CONTROL VALVE



**C** QUICK COUPLER VALVE



**D** TREE PROTECTION



**RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT**  
**BARRIER REMOVAL LOTS 2 & 7 CROSSWALKS**  
**1000% CONSTRUCTION DOCUMENTS**  
 8045 E. CHAPMAN AVENUE, ORANGE, CA 92669

**REVISIONS:**

	DESCRIPTION	DATE
▲	BID ADDENDUM NO. 2	06/16/2022
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		

**DATE ISSUED:** 2022.04.14  
**PROJECT NO:** 2021-40118  
**DSA APPLICATION NO:** 04-120877  
**SCALE:** As indicated  
**SHEET NUMBER:** **L5.401**  
**SHEET TITLE:**

**IRRIGATION AND PLANTING DETAILS**

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