

PROPERTY LINE

EXISTING R.O.W. LANDSCAPE AREAS TO REMAIN PROTECTED IN PLACE, TYP. (OR V2 S BBIP & INTRACTS, DWG #16022, D0740-060133, LRWS 2020-001245)

LATERAL PIPE SIZING GUIDE:  
(UNLESS OTHERWISE NOTED ON PLANS)

3/4"	0 - 7 GPM
1"	8 - 14 GPM
1 1/4"	15 - 20 GPM
1 1/2"	21 - 30 GPM
2"	31 - 50 GPM
2 1/2"	51 + GPM

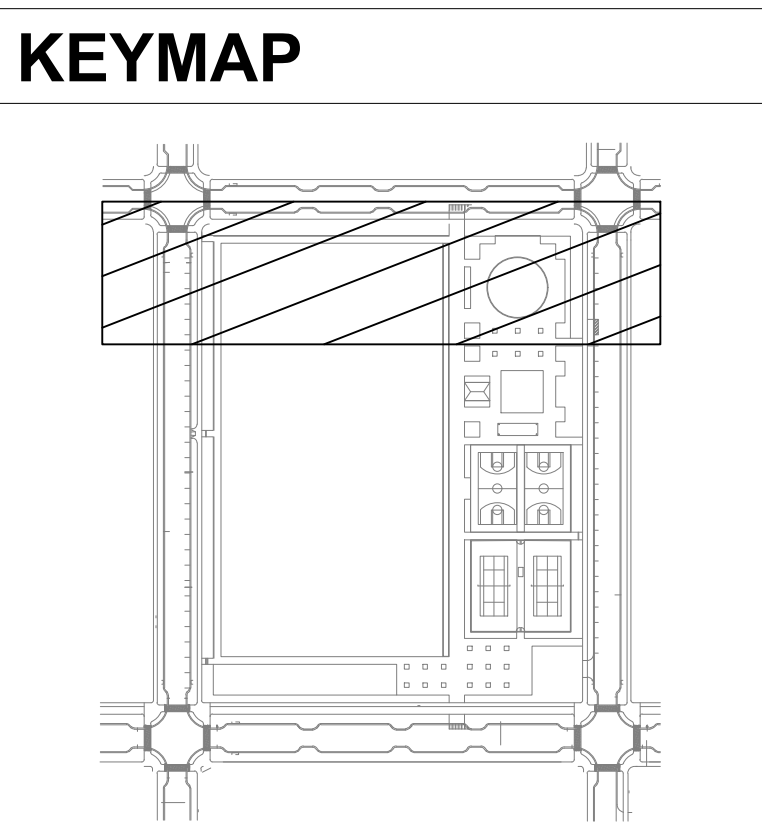
- KEY NOTES:**
- (A) 2" CONSTRUCTION WATER METER, 2" BACKFLOW PREVENTER, AND 2" PVC MAINLINE; TEMPORARY CONSTRUCTION WATER SOURCE AT FIRE HYDRANT. CONTRACTOR TO DETERMINE FINAL LOCATION IN FIELD. TO BE DISCONNECTED ONCE CROSS CONNECTION TEST HAS BEEN APPROVED BY REVIEWING AGENCY.
  - (B) IRRIGATION CONTROLLER TO BE INSIDE STORAGE ROOM OF RESTROOM FACILITY.
  - (C) INSTALL REMOTE CONTROL VALVE MANIFOLD, ALL VALVES, IRRIGATION MAINLINE AND WIRE IN PLANTING AREA (WHERE POSSIBLE).
  - (D) COMFORT STATION, OUTDOOR EATING AREAS, DRINKING WATER FOUNTAINS AND PLAYGROUND EQUIPMENT SHALL BE PROTECTED AGAINST CONTACT WITH RECYCLED WATER SPRAY, MIST, OR RUN-OFF.
  - (E) INSTALL REMOTE CONTROL VALVE MANIFOLD, VALVES AND IRRIGATION MAINLINE IN PLANTING AREA (NON-TURF), WITHIN PROJECT BOUNDARY.
  - (F) SYSTEM SPLIT.

- SHEET NOTES**
1. SEE SHEET LI-05 FOR IRRIGATION LEGEND
  2. SEE SHEETS LI-06 THROUGH LI-07 FOR IRRIGATION WATER USE CALCULATIONS
  3. SEE SHEETS LI-08 - LI-15 FOR IRRIGATION NOTES AND DETAILS
  4. SEE SHEETS LI-15 THROUGH LI-16 FOR WATER AGENCIES' STANDARD SPECIFICATIONS SECTION 15152
  5. WATER METER AND CONTROLLER LOCATED ON SHEET LI-03

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**IRRIGATION REFERENCE LEGEND:**

(10) (16)	6" POP-UP I-25 TURF ROTOR	POC	POINT OF CONNECTION	■	REMOTE CONTROL VALVE WITH PRESSURE REGULATING FILTER ASSEMBLY
(24) (24)	6" POP-UP TURF ROTATOR W/ R-VAN24 NOZZLE (24' R)	(RW)	RECYCLED WATER METER	CONT	AUTOMATIC IRRIGATION CONTROLLER
(01) (02)	12" POP-UP SHRUB ROTATOR W/ LOW ANGLE NOZZLE (29'-32'R)	(Y)	Y-STRAINER	---	IRRIGATION MAINLINE
(01) (01)	12" POP-UP SHRUB ROTATOR W/ R-VAN14 NOZZLE (14' R)	(PR)	PRESSURE REGULATOR	---	IRRIGATION LATERAL LINE
(01) (01)	12" POP-UP SHRUB ROTATOR W/ R-VAN18 NOZZLE (18' R)	(BT)	BACKFLOW / CHECK VALVE	---	SLEEVE
(24) (24)	12" POP-UP SHRUB ROTATOR W/ R-VAN24 NOZZLE (24' R)	(TS)	TEST STATION	---	WIRE CONDUIT
(01) (01)	12" POP-UP SHRUB ROTATOR W/ R-VAN-SST NOZZLE (SIDE STRIP - 5'x30')	(BP)	BOOSTER PUMP	⊙	SURGE PROTECTOR AND GROUNDING ROD
(24) (24)	12" POP-UP SHRUB SPRAY W/ SQUARE NOZZLE (4'x4' & 4'x8')	(MV)	IRRIGATION MASTER VALVE (NORMALLY CLOSED)	⊗	PULL BOX
(01) (01)	TREE BUBBLER SYSTEM (IN SHRUB)	(FS)	FLOW SENSOR	WF	WIRE PULL BOX
(01) (01)	TREE BUBBLER SYSTEM (IN TURF)	---	FLOW SENSOR COMMUNICATION CABLE	W	POTABLE WATER LINE
(01) (01)	TREE BUBBLER SYSTEM POP-UP INDICATOR HEAD	---	BALL VALVE ISOLATION VALVE	M	NEW 1" DOMESTIC WATER METER
(01) (01)	RECYCLED WATER SIGN	---	BALL VALVE (MANIFOLD VALVE)	⊙⊙⊙	NEW 1" DOMESTIC BACKFLOW PREVENTER
		---	REMOTE CONTROL VALVE	⊙	NEW 1" DOMESTIC PRESSURE REGULATOR



**INSPECTION NOTE**

OTAY WATER DISTRICT INSPECTION SHALL BE NOTIFIED FIVE (5) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION AT (619) 670-2241. ALL WORK PERFORMED WITHOUT BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL.

AS BUILT		UTILITY NOTE								<p>CONSULTANT</p> <p><b>ktua</b></p> <p>3916 Normal Street San Diego, CA 92103 619.294.4477 www.ktua.com</p>		<p>BID DOCUMENTS - OCTOBER 11, 2021</p> <p><b>IRRIGATION PLAN</b></p> <p>CITY OF CHULA VISTA DEVELOPMENT SERVICES DEPARTMENT</p> <p>OTAY RANCH VILLAGE 2 P-2 PARK, GROVE PARK</p>		<p>LANDSCAPE DWG NO.</p> <p><b>LI-02</b></p> <p>SHEET 2 OF 16</p> <p>W.O. NO. PRK-0330</p>			
<p>CONTRACTOR: _____</p> <p>INSPECTOR: _____</p> <p>DATE COMPLETED: _____</p>		<p>REFERENCES</p> <p>MAP # 15350</p> <p>DWG. #S 16022</p>		<p>REVISIONS</p> <p>By: _____</p> <p>REVISIONS</p> <p>DATE: 08/18/22</p> <p>App'd: _____</p>		<p>DATUMS</p> <p>VERTICAL: 446.361 (NAVD 88)</p> <p>HORIZONTAL: I.E. N78°21'27"E NAD 83</p>		<p>SCALE</p> <p>HORIZONTAL: 1" = 20'</p> <p>VERTICAL: N/A</p>		<p>Designed By: _____</p> <p>Drawn By: _____</p> <p>Checked By: _____</p> <p>Plans Prepared Under Supervision Of: _____</p> <p>BROOKE J.P. WHALEN, P.E., License No. 87723</p>		<p>Submitted: _____</p> <p>By: _____</p> <p>Office: _____</p>		<p>APPROVED BY: _____</p> <p>DATE: _____</p> <p>DIRECTOR OF DEVELOPMENT SERVICES OR DESIGNEE</p>		<p>DRAWING NO.</p> <p><b>19010-40</b></p> <p>SHEET 40 OF 100</p>	