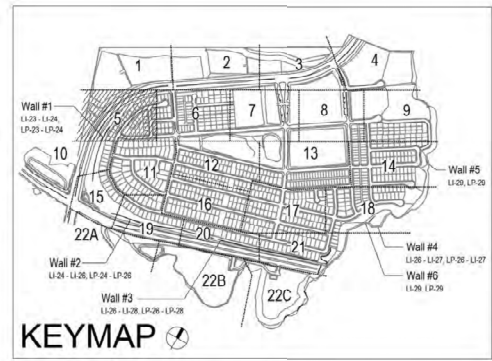
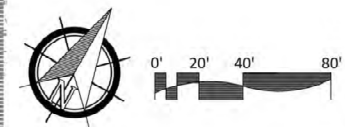


CONSTRUCTION NOTES:

- IRRIGATION P.O.C. LOCATION SHOWN HAS BEEN COORDINATED WITH THE ARCHITECT. THE CONTRACTOR SHALL CONTACT DOWNSTREAM OF THIS SERVICE. INSTALL ALL BACKFLOW PREVENTION DEVICE, FLOW CONTROL, AND MONITORING EQUIPMENT AND EXTEND SYSTEM AS SHOWN.
- IRRIGATION P.O.C. FOR PRIVATE SYSTEMS - CONTRACTOR SHALL INSTALL A 1-1/4" TEE DOWNSTREAM OF A DEDICATED PRIVATE METER, INSTALL AN ISOLATION VALVE AND PRESSURE REGULATOR IN A RECTANGULAR VALVE BOX AND EXTEND SYSTEM AS SHOWN. SEE DETAIL B12 ON SHEET LI-52.
- IRRIGATION CONTROLLER - 120 VAC POWER TO BE PROVIDED BY OWNER. CONTRACTOR SHALL ROUTE POWER CABLE TO CONTROLLER IN PVC CONDUIT AND MAKE PERMANENT CONNECTION TO THE CONTROLLER. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING ORDINANCE AND/OR LOCAL CODE.
- IRRIGATION CONTROLLER - PRIVATE SYSTEMS. 120 VAC POWER TO BE PROVIDED BY OWNER. CONTRACTOR SHALL INSTALL AN INDOOR IRRIGATION CONTROLLER AND A RAIN SENSOR. SEE DETAIL B12 ON SHEET LI-52. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING ORDINANCE AND/OR LOCAL CODE.
- LOCATIONS SHOWN DIAGRAMMATICALLY. ALL EQUIPMENT TO BE INSTALLED WITHIN PLANTING AREAS OR LOCATED AS DIRECTED BY THE LANDSCAPE ARCHITECT AND/OR USC-FMS. ROUTE IRRIGATION MAINLINE AND CONTROL WIRE APPROXIMATELY AS SHOWN 12" TO 18" FROM BACK OF CURB OR WALK.
- REMOTE CONTROL VALVES TO BE HIDDEN FROM CASUAL SIGHT WHEN POSSIBLE. STAKE LOCATION OF ALL VALVES FOR APPROVAL BY LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE. (TYPICAL ALL LOCATIONS)
- SINGLE REMOTE CONTROL VALVES TO BE INSTALLED ON MANIFOLD IN 12" RECTANGULAR VALVE BOX. INSTALL NO MORE THAN 4 VALVE BOXES IN ONE AREA. SEPARATE VALVE BOX GROUPS BY 4' MIN.
- DRIVEWAY AND SIDEWALK CROSSING- MAINLINE, LATERAL LINE AND CONTROL WIRE SLEEVES UNDER ALL PAVING. SLEEVES TWO TIMES DIA. OF PIPE, 2" MIN. (TYP) PULL BOX- CONTROL WIRE SLEEVES UNDER ALL PAVING TO INCLUDE PULL BOX AT ENDS OF SLEEVES. (TYP)
- ALL OVERHEAD SPRINKLERS TO BE ADJUSTED AS NECESSARY TO PREVENT OVERSPRAY ONTO HARDSCAPE SURFACES OR, OTHERWISE OUTSIDE THE INTENDED AREA OF COVERAGE.
- SPRINKLERS LOCATED WITHIN 9 FT. OF CURBS, SIDEWALKS, MOW CURBS, UTILITY PEDESTALS, TOP AND EDGE OF SLOPE OR ANY OTHER PAVING SURFACE SHALL USE A POP-UP TYPE BODY AS LISTED IN THE IRRIGATION LEGEND. UNLESS NOTED OTHERWISE.
- SPRINKLERS LOCATED GREATER THAN THREE FEET FROM CURBS, SIDEWALKS, MOW CURBS, UTILITY PEDESTALS, MID SLOPE, HOMEOWNER MAINTAINED PRIVATELY OWNED BACKYARD SLOPES OR ANY OTHER PAVING SURFACE, SHALL USE A SHRUB TYPE BODY AS LISTED IN THE IRRIGATION LEGEND AND INSTALLED ON A PVC SCH 80 RISER WITH SPRING CHECK VALVE AS DETAILED.
- RADIUS AND NOZZLE REDUCTION- SYSTEM DESIGN AND INSTALLATION IS TO FOLLOW TOPOGRAPHY AS MUCH AS IS PRACTICAL. WHERE TOPOGRAPHY AND ASSOCIATED HEAD LAYOUT IS TRUNCATED BY A DEFINITE BOUNDARY, FULL CIRCLE HEADS BECOME FILL HEADS WITH REDUCED RADIUS OF THROW. NOZZLES AT THESE HEADS IS ALSO REDUCED IN AN EFFORT TO MAINTAIN A TARGETED APPLICATION RATE OF 4IN/HR.
- HUNTER PROS-00-FRS50 WITH HUNTER 5-FULL SPRAY NOZZLE ON RISER FOR THE SUPPLEMENTAL IRRIGATION OF NEW TREES.
- LATERAL LINE DRAINAGE IS TO BE PREVENTED IN ALL CASES. SPRING AND/OR SWING CHECK VALVES SHALL BE INSTALLED UNDER ALL IRRIGATION HEADS AND IN LATERAL LINE RUNS OF ALL IRRIGATION SYSTEMS WHERE TOPOGRAPHY CAUSES AN ELEVATION DIFFERENCE OF 7 FEET OR GREATER.

SB - 16
SB - 17
SB - 21

ALL BASE INFORMATION FOR THESE PLANS HAS BEEN OBTAINED FROM THE LANDSCAPE ARCHITECT AND REFLECTS ARCHITECTURAL, CIVIL AND/OR MECHANICAL DESIGN AND/OR PLANS. THE LANDSCAPE ARCHITECT OR IRRIGATION CONSULTANT DEPENDS ON ACCURACY OF THIS OBTAINED INFORMATION. CONTRACTOR MUST FIELD VERIFY ACTUAL LOCATIONS.



UTILITY LEGEND (PER CIVIL PLANS)

DOMESTIC WATERLINE (PER CIVIL PLANS)	BLOWOFF VALVE
DOMESTIC SEWERLINE (PER CIVIL PLANS)	AIR RELEASE VALVE
RECYCLED WATERLINE (PER CIVIL PLANS)	FIRE HYDRANT
STORM DRAINS (PER CIVIL PLANS)	TRACER WIRE ACCESS POINT (PER CIVIL PLANS)
	CATHODIC TEST STATION (PER CIVIL PLANS)
	STREET LIGHT

VILLAGE 3 EROSION CONTROL SLOPE IRRIGATION POC "SC" SYSTEMS TO BE MAINTAINED BY CITY OF CHULA VISTA CFD

POC STATISTICS	HERITAGE RD. 19+00	POC EQUIPMENT
METER LOCATION- STAT.P.T.	215.00 FT.	2" WIRE STRAINER
POC ELEVATION	890.00 FT.	1 1/2" CHECK VALVE
MODEL # SA-RM2-40 / FSF-2008 / SVR / PMR / RSE / LPP / GRK	201.35 PSI	2" PRESSURE REGULATOR
STATIC WATER PRESSURE	108.65 PSI	TEST STATION
REGULATED PRESSURE	60.54 PSI	1" MASTER CONTROL VALVE
MIN. PRESSURE REQUIRED	66 GPM	2" FLOW SENSOR
MAX. DEMAND	215.145 SQ. FT.	NOTE: P.O.C. SEQUENCE PER W.A.S. STD. DWG. WR-03.
AREA SERVED	20.9887 AC.FT./YR.	
M.A.W.A.	13.9725 AC.FT./YR.	
E.W.U.		
LATERAL- SEE CIVIL DWGS		

VILLAGE 3 EROSION CONTROL SLOPE IRRIGATION POC "SB2" SYSTEMS TO BE MAINTAINED BY CITY OF CHULA VISTA CFD

POC STATISTICS	HERITAGE RD. 20+70	POC EQUIPMENT
METER LOCATION- STAT.P.T.	255.50 FT.	1 1/2" WIRE STRAINER
POC ELEVATION	890.00 FT.	1 1/2" CHECK VALVE
MODEL # SA-RM2-40 / FSF-2008 / SVR / PMR / RSE / LPP / GRK	164.03 PSI	1 1/2" PRESSURE REGULATOR
STATIC WATER PRESSURE	80.00 PSI	TEST STATION
REGULATED PRESSURE	67.68 PSI	1" MASTER CONTROL VALVE
MIN. PRESSURE REQUIRED	48 GPM	2" FLOW SENSOR
MAX. DEMAND	8.284 SQ. FT.	NOTE: P.O.C. SEQUENCE PER W.A.S. STD. DWG. WR-03.
AREA SERVED	8.0083 AC.FT./YR.	
M.A.W.A.	5.7389 AC.FT./YR.	
E.W.U.		
LATERAL- SEE CIVIL DWGS		

FOR IRRIGATION LEGEND AND NOTES SEE SHEET LI-30. FOR IRRIGATION DETAILS SEE SHEETS LI-31 THRU LI-36. FOR WATER PRESSURE CALCULATIONS, SCHEDULING GUIDELINES AND WATER BUDGET SEE SHEETS LI-37 THRU LI-39. FOR IRRIGATION SPECS SEE SHEETS LI-40 THRU LI-49.

*THE OTAY WATER DISTRICT SHALL BE NOTIFIED 5 WORKING DAYS PRIOR TO CONSTRUCTION AT (619) 670-2241. ALL WORK PERFORMED WITHOUT BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL.
*NO DECORATIVE FOUNTAINS, DRINKING FOUNTAINS, PLAYGROUNDS, SWIMMING POOLS OR OUTDOOR EATING FACILITIES OR WELLS KNOWN TO EXIST WITHIN LIMITS OF WORK.
*ALL SCREENED FACILITIES ARE EXISTING OR PROPOSED PER CIVIL PLANS. TRIBUTARY LA LANDSCAPE ARCHITECTURE CANNOT VERIFY ACTUAL LOCATIONS. CONTRACTOR MUST FIELD VERIFY ACTUAL LOCATIONS.

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK
Contractor	16026-01 - 16026-93	HUNSAKER & ASSOC.	ADD SHUTOFF VALVES	7/7/16	[Signature]	BRASS BENCH MARKED "50 CITY ENGINE" IN 3/4" IRON PIPE
Inspector			ADDED AND/OR ADJUST IRRIGATION FOR TREES	5/24/19	[Signature]	1.5 METER EAST OF END OF MAIN ST. & HERITAGE RD. ON ROCK MOUNTAIN 100' EASTERLY OF PROMINENT 10' HIGH Boulders & 1700' SOUTHERLY OF WATER STORAGE FACILITY. (OFF 1350 PER R.O.S 1484) ELEVATION 319' (NAVD83)
Date Completed			FINAL OWD AS DULST 5/22/22			

OTAY WATER DISTRICT
Project No. D0944-060189 LRS No. 2019-00134
P.Z. 624, 711 R.P.Z. 680

REVIEWED BY: [Signature] DATE: 5/10/19
NOTE: SIGNATURE EXPIRES ONE (1) YEAR AFTER DATE

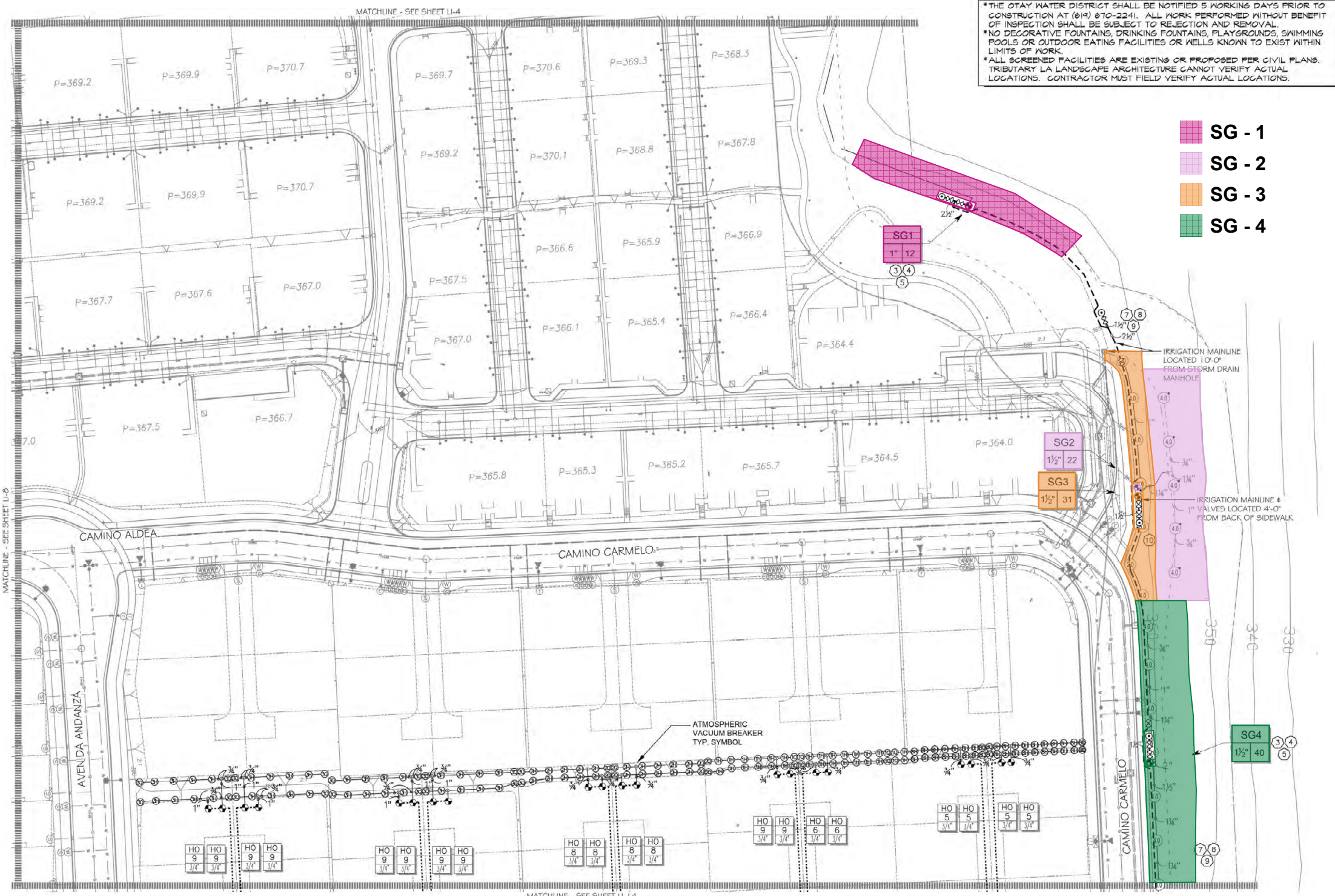
"AS-BUILT"
SIGNED: [Signature] 4/24/23
PRINT NAME: THOMAS PICARD R.L.A. # 4001
DISCIPLINE: LANDSCAPE ARCHITECT
REGIST. EXP. 9/30/23

IT'S THE LAW! DIAL BEFORE YOU DIG!
CALL AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATING
1-800-227-2600
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA
BEFORE EXCAVATING, THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES BY CONTACTING UTILITY UNDERGROUND SERVICE ALERT AT 1-800-227-2600

REGISTERED LANDSCAPE ARCHITECT
THOMAS A. PICARD
9/30/23
2725 JEFFERSON STREET, SUITE 14
CARLSBAD, CA 92008
760.434.9300 OFFICE 760.434.9303 FAX

Tributary LA, Inc.
Landscape Architecture and Planning
DATE: 24 APR '23
SCALE: 1" = 40'
JOB NO. 15024
DRAWN BY: T.P./T.G.M.
W.O. NO. OR-3001G

CITY OF CHULA VISTA	Drawing No. 16050 - 13
LANDSCAPE IRRIGATION PLAN FOR OTAY RANCH VILLAGE 3 SLOPE & EROSION CONTROL CHULA VISTA TENTATIVE TRACT MAP NO. 13-02	Sheet 13 of 20
REPLACEMENT SHEET	OWD WO# D0944-060189 OWD PERMIT# PLR-1G-014 LI-5

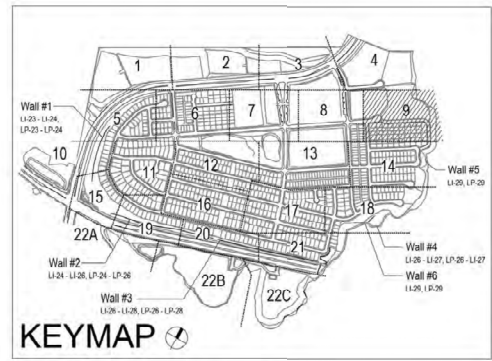


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- SG - 1
- SG - 2
- SG - 3
- SG - 4

CONSTRUCTION NOTES:

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1. IRRIGATION P.O.C. FOR PRIVATE SYSTEMS - CONTRACTOR SHALL INSTALL A 1-1/4" TEE DOWNSTREAM OF A DEDICATED PRIVATE METER, INSTALL AN ISOLATION VALVE AND PRESSURE REGULATOR IN A RECTANGULAR VALVE BOX AND EXTEND SYSTEM AS SHOWN. SEE DETAIL B12 ON SHEET LI-92.
2. IRRIGATION CONTROLLER- 120 VAC POWER TO BE PROVIDED BY OWNER. CONTRACTOR SHALL ROUTE POWER CABLE TO CONTROLLER IN PVC CONDUIT AND MAKE PERMANENT CONNECTION TO THE CONTROLLER. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING ORDINANCE AND/OR LOCAL CODE.
2. IRRIGATION CONTROLLER - PRIVATE SYSTEMS. 120 VAC POWER TO BE PROVIDED BY OWNER. CONTRACTOR SHALL INSTALL AN INDOOR IRRIGATION CONTROLLER AND A RAIN SENSOR. SEE DETAIL B12 ON SHEET LI-92. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING ORDINANCE AND/OR LOCAL CODE.
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4. REMOTE CONTROL VALVES TO BE HIDDEN FROM CASUAL SIGHT WHEN POSSIBLE. STAKE LOCATION OF ALL VALVES FOR APPROVAL BY LANDSCAPE ARCHITECT AND OR OWNER'S REPRESENTATIVE. (TYPICAL ALL LOCATIONS)
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6. DRIVEWAY AND SIDEWALK CROSSING- MAINLINE, LATERAL LINE AND CONTROL WIRE SLEEVES UNDER ALL PAVING. SLEEVES TWO TIMES DIA. OF PIPE, 2" MIN. (TYP) FULL BOX-CONTROL WIRE SLEEVES UNDER ALL PAVING TO INCLUDE FULL BOX AT ENDS OF SLEEVES. (TYP)
7. ALL OVERHEAD SPRINKLERS TO BE ADJUSTED AS NECESSARY TO PREVENT OVERSPRAY ONTO HARDSCAPE SURFACES OR OTHERWISE OUTSIDE THE INTENDED AREA OF COVERAGE.
8. SPRINKLERS LOCATED WITHIN 9 FT. OF CURBS, SIDEWALKS, MOW CURBS, UTILITY PEDESTALS, TOP AND TOE OF SLOPE OR ANY OTHER PAVING SURFACE, SHALL USE A POP-UP TYPE BODY AS LISTED IN THE IRRIGATION LEGEND, UNLESS NOTED OTHERWISE.
9. SPRINKLERS LOCATED GREATER THAN THREE FEET FROM CURBS, SIDEWALKS, MOW CURBS, UTILITY PEDESTALS, MID SLOPE, HOMEOWNER MAINTAINED PRIVATELY OWNED BACKYARD SLOPES OR ANY OTHER PAVING SURFACE, SHALL USE A SHRUB TYPE BODY AS LISTED IN THE IRRIGATION LEGEND AND INSTALLED ON A PVC SCH 80 RISER WITH SPRING CHECK VALVE AS DETAILED.
10. RADIUS AND NOZZLE REDUCTION- SYSTEM DESIGN AND INSTALLATION IS TO FOLLOW TOPOGRAPHY AS MUCH AS IS PRACTICAL WHERE TOPOGRAPHY AND ASSOCIATED HEAD LAYOUT IS TRUNCATED BY A DEFINITE BOUNDARY. FULL CIRCLE HEADS BECOME FULL HEADS WITH REDUCED RADIUS OF THROAT. NOZZLES AT THESE HEADS IS ALSO REDUCED IN AN EFFORT TO MAINTAIN A TARGETED APPLICATION RATE OF 4IN/HR.
11. HUNTER PROS-00-PRO30 WITH HUNTER S-FULL SPRAY NOZZLE ON RISER FOR THE SUPPLEMENTAL IRRIGATION OF NEW TREES.
12. LATERAL LINE DRAINAGE IS TO BE PREVENTED IN ALL CASES. SPRINGS AND/OR SWING CHECK VALVES SHALL BE INSTALLED UNDER ALL IRRIGATION HEADS AND IN LATERAL LINE RUNS OF ALL IRRIGATION SYSTEMS WHERE TOPOGRAPHY CAUSES AN ELEVATION DIFFERENCE OF 7 FEET OR GREATER.

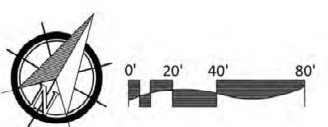


UTILITY LEGEND (PER CIVIL PLANS)

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RECYCLED WATERLINE (PER CIVIL PLANS)	FIRE HYDRANT
STORM DRAINS (PER CIVIL PLANS)	TRACER WIRE ACCESS POINT (PER CIVIL PLANS)
	CATHODIC TEST STATION (PER CIVIL PLANS)
	STREET LIGHT

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FOR IRRIGATION LEGEND AND NOTES SEE SHEET LI-90.
 FOR IRRIGATION DETAILS SEE SHEETS LI-91 THRU LI-96.
 FOR WATER PRESSURE CALCULATIONS, SCHEDULING GUIDELINES AND WATER BUDGET SEE SHEETS LI-97 THRU LI-99.
 FOR IRRIGATION SPECS SEE SHEETS LI-40 THRU LI-43.



OTAY WATER DISTRICT
 Project No. D0944-060189 LRWS No.2019-00134
 P.Z. 624, 711 R.P.Z. 680

"AS-BUILT"
 SIGNED: *THP* 4/24/23
 PRINT NAME: THOMAS PICARD R.L.A. # 4001
 DISCIPLINE: LANDSCAPE ARCHITECT
 REGIST. EXP. 9/30/23

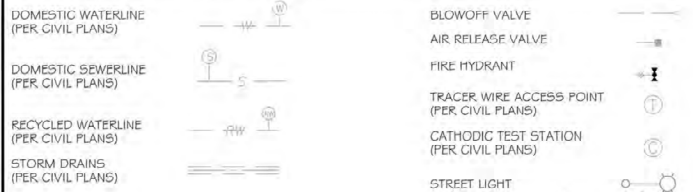
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Tributary LA, Inc.
 Landscape Architecture and Planning
 DATE: 24 APR '23
 SCALE: 1" = 40'
 JOB NO. 15024
 DRAWN BY: T.P. / T.G.M.
 W.O. NO. OR-3001G

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK	SCALE	Office	Designed By	Drawn By	Checked By	Plans Originally Approved:	5-15-17	CITY OF CHULA VISTA	Drawing No.
Contractor	16026-01 - 16026-93	HUNSAKER & ASSOC.	ADD SHUT OFF VALVES.	7/9/19	THP	1.5 MILES EAST OF END OF MAIN ST. & HERVAGE RD. ON ROCK MOUNTAIN 100' EASTERLY OF PROMINENT 10' HIGH ROCKPILE & 1700' SOUTHERLY OF WATER STORAGE FACILITY. (P1) 1356 PER R.O.S. (1484) ELEV=629.319' (NAVD83)	Horizontal 1" = 40' Vertical N/A	Field	THP	THP	THP	THP	THP	OTAY RANCH VILLAGE 3 SLOPE & EROSION CONTROL	16050 - 17
Inspector			ADJUST IRRIGATION FOR FUEL MUD AREAS.	5/22/19	THP			Traffic	THP	THP	THP	THP	THP	CHULA VISTA TENTATIVE TRACT MAP NO. 13-02	Sheet 17 of 80
Date Completed									THOMAS A. PICARD	R.L.A. No. 4001	Tiffany Allen	Director of Development Services or designee.		REPLACEMENT SHEET	LI-9

UTILITY LEGEND (PER CIVIL PLANS)



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- IRRIGATION CONTROLLER - 120 VAC POWER TO BE PROVIDED BY OWNER. CONTRACTOR SHALL ROUTE POWER CABLE TO CONTROLLER IN PVC CONDUIT AND MAKE PERMANENT CONNECTION TO THE CONTROLLER. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING ORDINANCE AND/OR LOCAL CODE.

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 - DRIVEWAY AND SIDEWALK CROSSING - MAINLINE, LATERAL LINE AND CONTROL WIRE SLEEVES UNDER ALL PAVING. SLEEVES TWO TIMES DIA. OF PIPE, 2" MIN. (TYP.) FULL BOX-CONTROL WIRE SLEEVES UNDER ALL PAVING TO INCLUDE FULL BOX AT ENDS OF SLEEVES. (TYP.)
 - ALL OVERHEAD SPRINKLERS TO BE ADJUSTED AS NECESSARY TO PREVENT OVSERSPRAY ONTO HARDSCAPE SURFACES OR, OTHERWISE OUTSIDE THE INTENDED AREA OF COVERAGE.
 - SPRINKLERS LOCATED WITHIN 3 FT. OF CURBS, SIDEWALKS, MOW CURBS, UTILITY PEDESTALS, TOP AND TOE OF SLOPE OR ANY OTHER PAVING SURFACE, SHALL USE A POP-UP TYPE BODY AS LISTED IN THE IRRIGATION LEGEND. UNLESS NOTED OTHERWISE.
 - SPRINKLERS LOCATED GREATER THAN THREE FEET FROM CURBS, SIDEWALKS, MOW CURBS, UTILITY PEDESTALS, MID SLOPE, HOMEOWNER MAINTAINED PRIVATELY OWNED BACKYARD SLOPES OR ANY OTHER PAVING SURFACE, SHALL USE A SHRUB TYPE BODY AS LISTED IN THE IRRIGATION LEGEND AND INSTALLED ON A P.V.C. SCH 80 RISER WITH SPRING CHECK VALVE AS DETAILED.
 - RADIUS AND NOZZLE REDUCTION - SYSTEM DESIGN AND INSTALLATION IS TO FOLLOW TOPOGRAPHY AS MUCH AS IS PRACTICAL. WHERE TOPOGRAPHY AND ASSOCIATED HEAD LAYOUT IS TRUNCATED BY A DEFINITE BOUNDARY, FULL CIRCLE HEADS BECOME FILL HEADS WITH REDUCED RADIUS OF THROW. NOZZLES AT THESE HEADS IS ALSO REDUCED IN AN EFFORT TO MAINTAIN A TARGETED APPLICATION RATE OF .4IN/HR.
 - RAINBIRD SQ-F SERIES MICRO SPRAY NOZZLE ON RISER FOR THE SUPPLEMENTAL IRRIGATION OF NEW TREES.
- ALL BASE INFORMATION FOR THESE PLANS HAS BEEN OBTAINED FROM THE LANDSCAPE ARCHITECT AND REFLECTS ARCHITECTURAL, CIVIL AND/OR MECHANICAL DESIGN AND/OR PLANS. THE LANDSCAPE ARCHITECT OR IRRIGATION CONSULTANT DEPENDS ON ACCURACY OF THIS OBTAINED INFORMATION. CONTRACTOR MUST FIELD VERIFY ACTUAL LOCATIONS.

System BB Mainline & Control Wire Notes

- System BB is a Master Home Owner maintained irrigation system, servicing the water quality basins
- System BB permanently services the irrigation systems servicing the water quality basins, located on the north side of Main Street
- System BB also temporarily services the irrigation systems servicing the water quality basins, located on the south side of Main Street
- Prior to the initiation of the Main Street parkway landscape improvements:
 - System BB irrigation improvements located within the Main Street south parkway shall be cut, capped & removed. This includes:
 - Cutting & capping the mainline & control wires, located on the north side of Main Street a minimum of 24" from the end of the sleeve.
 - Cutting & removing all mainline & control wires, located on the south side of Main Street & within the future CFD area
 - Cap both ends of both sleeves that cross under Main Street.
 - Water service to the south water quality basin shall be concurrently connected to a temporary construction meter, until such a time the Water District & Department of Environmental Health approves the installation of the final water meter, that will permanently service the south water quality basin & any other Master Home Owner Association improvements
- All Master Home Owner Association piping or control wire, must be 100% encased in sleeves, where located in a CFD open-space area.

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK
Contractor	16026-01 - 16026-93	HUNSAKER & ASSOC.	ADDED SPOUT VALVES	7/7/16	[Signature]	BRASS BENCH MARKED "50 CITY ENGINE" IN 3/4" IRON PIPE
Inspector			ADDED METHANE PAD, TREES, NOTES & IRRIGATION	5/28/19	[Signature]	1.5 MILES EAST OF END OF MAIN ST. & HERITAGE RD. ON ROCK MOUNTAIN 100' EASTERLY OF PROMINENT 10' HIGH BOLLARD & 1700' SOUTHERLY OF WATER STORAGE FACILITY. (OFF 1358 PER R.O.S. 1484) ELEVATION 319' (NAVD83)
Date Completed			ADJ. IRRI. FOR REMOVAL OF PAD	10/23/19	[Signature]	

SCALE	Office	Designed By	Drawn By	Checked By	Plans Originally Approved:
Horizontal 1" = 40'	Field	Thomas A. Picard	Thomas A. Picard	Thomas A. Picard	5-15-17
Vertical N/A	Traffic				

"AS-BUILT"

OTAY WATER DISTRICT
Project No. D0944-060189 LRWS No. 2019-00134
P.Z. 624, 711 R.P.Z. 680

SIGNED: [Signature] DATE: 4/24/23

PRINT NAME: THOMAS PICARD R.L.A. # 4001

DISCIPLINE: LANDSCAPE ARCHITECT REGIST. EXP. 9/30/23

REVIEWED BY: [Signature] DATE: 10-22-19
NOTE: SIGNATURE EXPIRES ONE (1) YEAR AFTER DATE

"IT'S THE LAW! DIAL BEFORE YOU DIG!"

CALL AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATING

1-800-227-2600

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

BEFORE EXCAVATING, THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES BY CONTACTING UTILITY UNDERGROUND SERVICE ALERT AT 1-800-227-2600

REGISTERED LANDSCAPE ARCHITECT

THOMAS A. PICARD

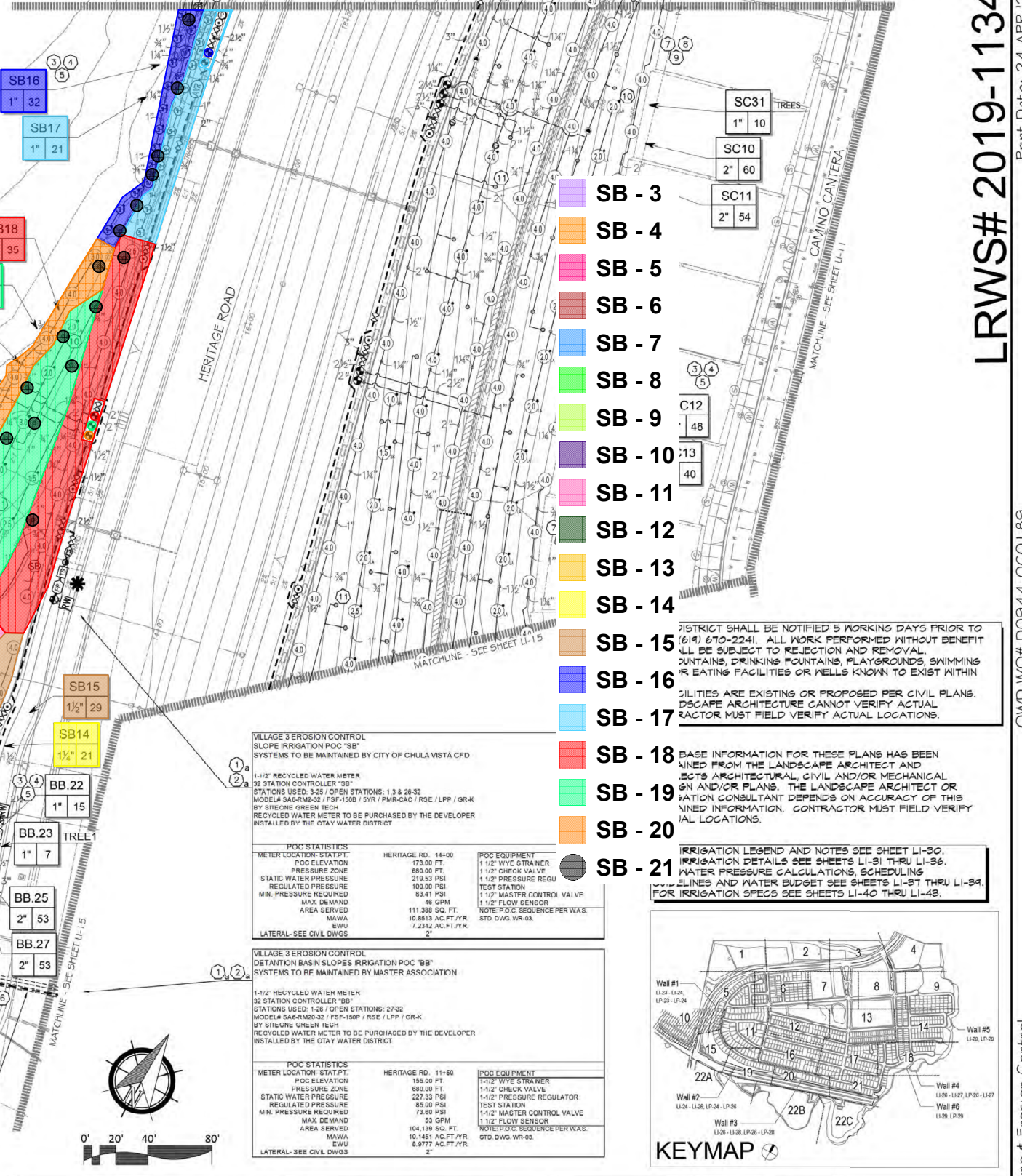
9/30/23

CALIFORNIA

Tributary LA, Inc.
Landscape Architecture and Planning

DATE: 24 APR '23
SCALE: 1" = 40'
JOB NO. 15024
DRAWN BY: T.P. / T.G.M.
W.O. NO. OR-3001G

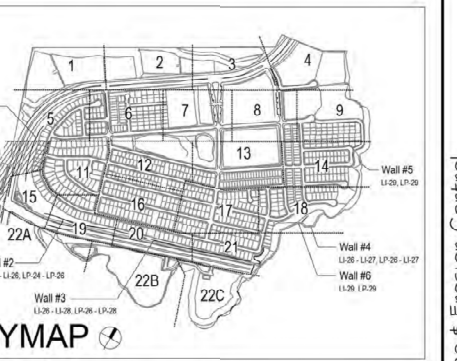
2725 Jefferson Street, Suite 14
Carlsbad, CA 92008
760.434.9300 office 760.434.9303 fax



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DISTRICT SHALL BE NOTIFIED 5 WORKING DAYS PRIOR TO (619) 670-2241. ALL WORK PERFORMED WITHOUT BENEFIT WILL BE SUBJECT TO REJECTION AND REMOVAL. FOUNTAINS, DRINKING FOUNTAINS, PLAYGROUNDS, SWIMMING OR EATING FACILITIES OR WELLS KNOWN TO EXIST WITHIN JURISDICTION ARE EXISTING OR PROPOSED PER CIVIL PLANS. LANDSCAPE ARCHITECTURE CANNOT VERIFY ACTUAL FACTOR MUST FIELD VERIFY ACTUAL LOCATIONS.

BASE INFORMATION FOR THESE PLANS HAS BEEN OBTAINED FROM THE LANDSCAPE ARCHITECT AND REFLECTS ARCHITECTURAL, CIVIL AND/OR MECHANICAL DESIGN AND/OR PLANS. THE LANDSCAPE ARCHITECT OR IRRIGATION CONSULTANT DEPENDS ON ACCURACY OF THIS OBTAINED INFORMATION. CONTRACTOR MUST FIELD VERIFY ACTUAL LOCATIONS.

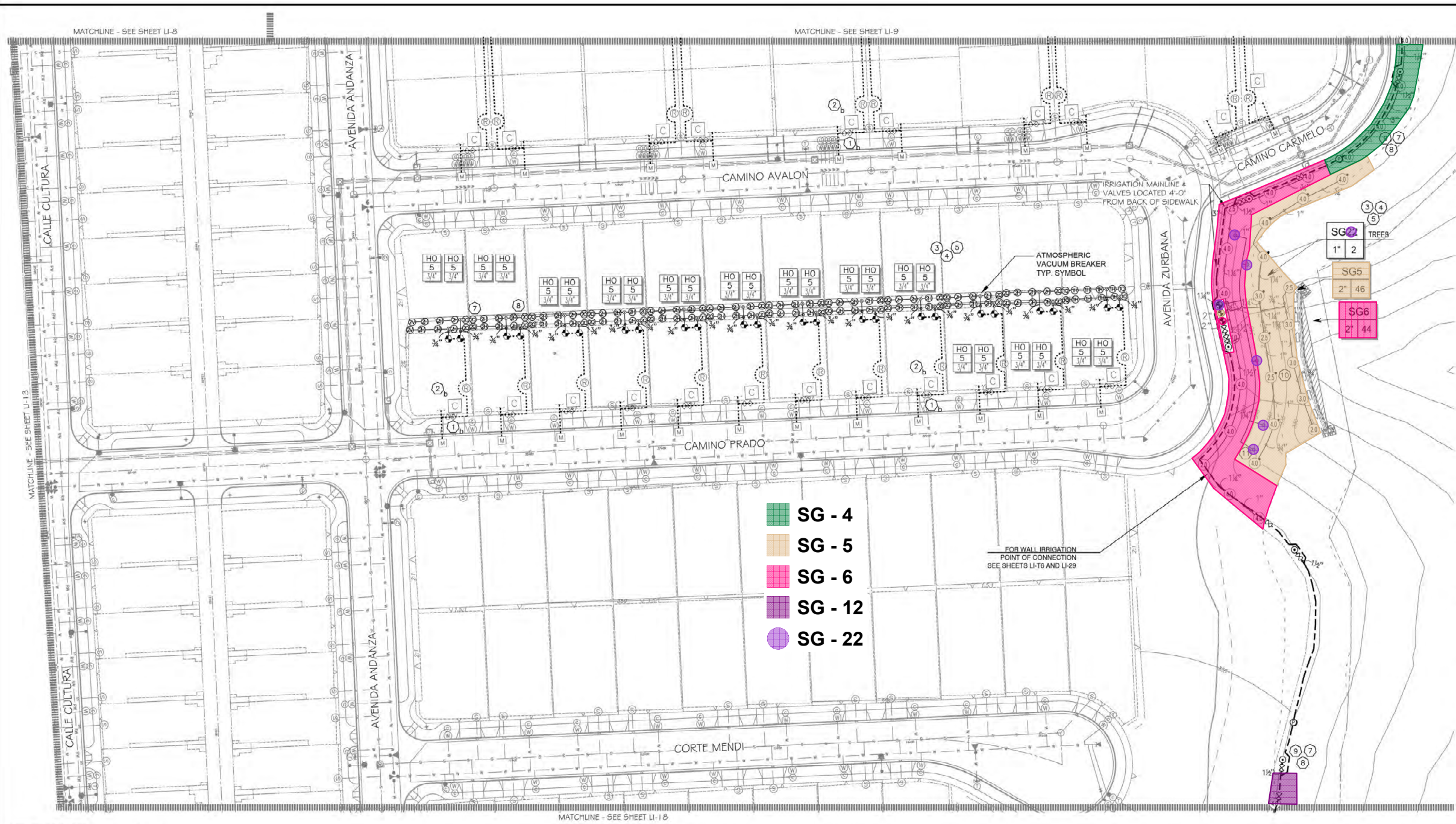


LRWS# 2019-1134

Print Date: 24 APR '23

OWD WO# D0944-060189

OTay Ranch, Village 3 - Slope & Erosion Control



- CONSTRUCTION NOTES:**
- IRRIGATION P.O.C. LOCATION SHOWN HAS BEEN COORDINATED WITH THE ARCHITECT. THE CONTRACTOR SHALL CONNECT DOWNSTREAM OF THIS SERVICE, INSTALL BACKFLOW PREVENTION DEVICE, FLOW CONTROL AND MONITORING EQUIPMENT AND EXTEND SYSTEM AS SHOWN.
 - IRRIGATION P.O.C. FOR PRIVATE SYSTEMS - CONTRACTOR SHALL INSTALL A 1-1/4" TEE DOWNSTREAM OF A DEDICATED PRIVATE METER, INSTALL AN ISOLATION VALVE AND PRESSURE REGULATOR IN A RECTANGULAR VALVE BOX AND EXTEND SYSTEM AS SHOWN. SEE DETAIL B12 ON SHEET LI-32.
 - IRRIGATION CONTROLLER- 120 VAC POWER TO BE PROVIDED BY OWNER. CONTRACTOR SHALL ROUTE POWER CABLE TO CONTROLLER IN PVC CONDUIT AND MAKE PERMANENT CONNECTION TO THE CONTROLLER. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING ORDINANCE AND/OR LOCAL CODE.
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 - SPRINKLERS LOCATED GREATER THAN THREE FEET FROM CURBS, SIDEWALKS, MOX CURBS, UTILITY PEDESTALS, MID SLOPE, HOMEOWNER MAINTAINED PRIVATELY OWNED BACKYARD SLOPES OR ANY OTHER PAVING SURFACE, SHALL USE A SHRUB TYPE BODY AS LISTED IN THE IRRIGATION LEGEND AND INSTALLED ON A PVC SCH 80 RISER WITH SPRING CHECK VALVE AS DETAILED.
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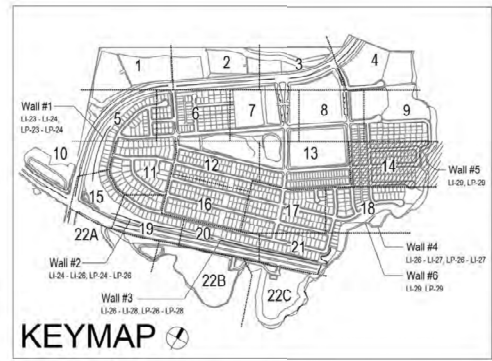
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UTILITY LEGEND (PER CIVIL PLANS)

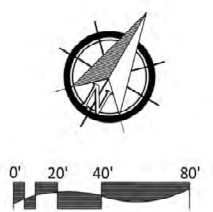
DOMESTIC WATERLINE (PER CIVIL PLANS)	BLOWOFF VALVE
DOMESTIC SEWERLINE (PER CIVIL PLANS)	AIR RELEASE VALVE
RECYCLED WATERLINE (PER CIVIL PLANS)	FIRE HYDRANT
STORM DRAINS (PER CIVIL PLANS)	TRACER WIRE ACCESS POINT (PER CIVIL PLANS)
	CATHODIC TEST STATION (PER CIVIL PLANS)
	STREET LIGHT

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FOR IRRIGATION LEGEND AND NOTES SEE SHEET LI-30. FOR IRRIGATION DETAILS SEE SHEETS LI-31 THRU LI-36. FOR WATER PRESSURE CALCULATIONS, SCHEDULING GUIDELINES AND WATER BUDGET SEE SHEETS LI-37 THRU LI-39. FOR IRRIGATION SPEGS SEE SHEETS LI-40 THRU LI-45.



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OTAY WATER DISTRICT
 Project No. D0944-060189 LRWS No.2019-00134
 P.Z. 624, 711 R.P.Z. 680

"AS-BUILT"
 SIGNED: *THP* DATE: 4/24/23
 PRINT NAME: THOMAS PICARD R.L.A. # 4001
 DISCIPLINE: LANDSCAPE ARCHITECT REGIST. EXP. 9/30/23

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 Landscape Architecture and Planning
 DATE: 24 APR '23
 SCALE: 1" = 40'
 JOB NO. 15024
 DRAWN BY: T.P. / T.G.M.
 W.O. NO. OR-3001G

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK	SCALE	Office	Designed By	Drawn By	Checked By	Plans Originally Approved:	5-15-17	CITY OF CHULA VISTA	Drawing No.
Contractor	16026-01 - 16026-93	HUNSAKER & ASSOC.	ADD SHUT OFF VALVES.	7/7/18	<i>THP</i>	BRASS BENCH MARKED "50 CITY ENGINE" IN 3/4" IRON PIPE.	Horizontal 1" = 40'		Thomas Picard	Thomas Picard	Thomas Picard	THP	5-15-17	OTAY RANCH VILLAGE 3 SLOPE & EROSION CONTROL	16050 - 22
Inspector			ADJUST IRRIGATION TO FILL MUD AREAS.	5/25/19	<i>THP</i>	1.5 MILES EAST OF INTERSECTION OF MAIN ST. & HERVAGE RD. ON ROCK MOUNTAIN 100' EASTERLY OF PROMINENT 10' HIGH BOLLARD & 1700' SOUTHERLY OF WATER STORAGE FACILITY. (PUB. 1258 PER R.O.S. 1484) PLP#029.319 (NAD83)	Vertical N/A		Thomas Picard	Thomas Picard	Thomas Picard	THP	OTAY RANCH VILLAGE 3 SLOPE & EROSION CONTROL	16050 - 22	
Date Completed									THOMAS A. PICARD	T. G. M.	T. G. M.	T. G. M.	REPLACEMENT SHEET	CHULA VISTA TENTATIVE TRACT MAP NO. 13-02	Sheet 22 of 28

LRWS# 2019-1134
 Pmnt Date: 24 APR '23
 OWD WO# D0944-060189
 Otay Ranch, Village 3 - Slope & Erosion Control

CONSTRUCTION NOTES:

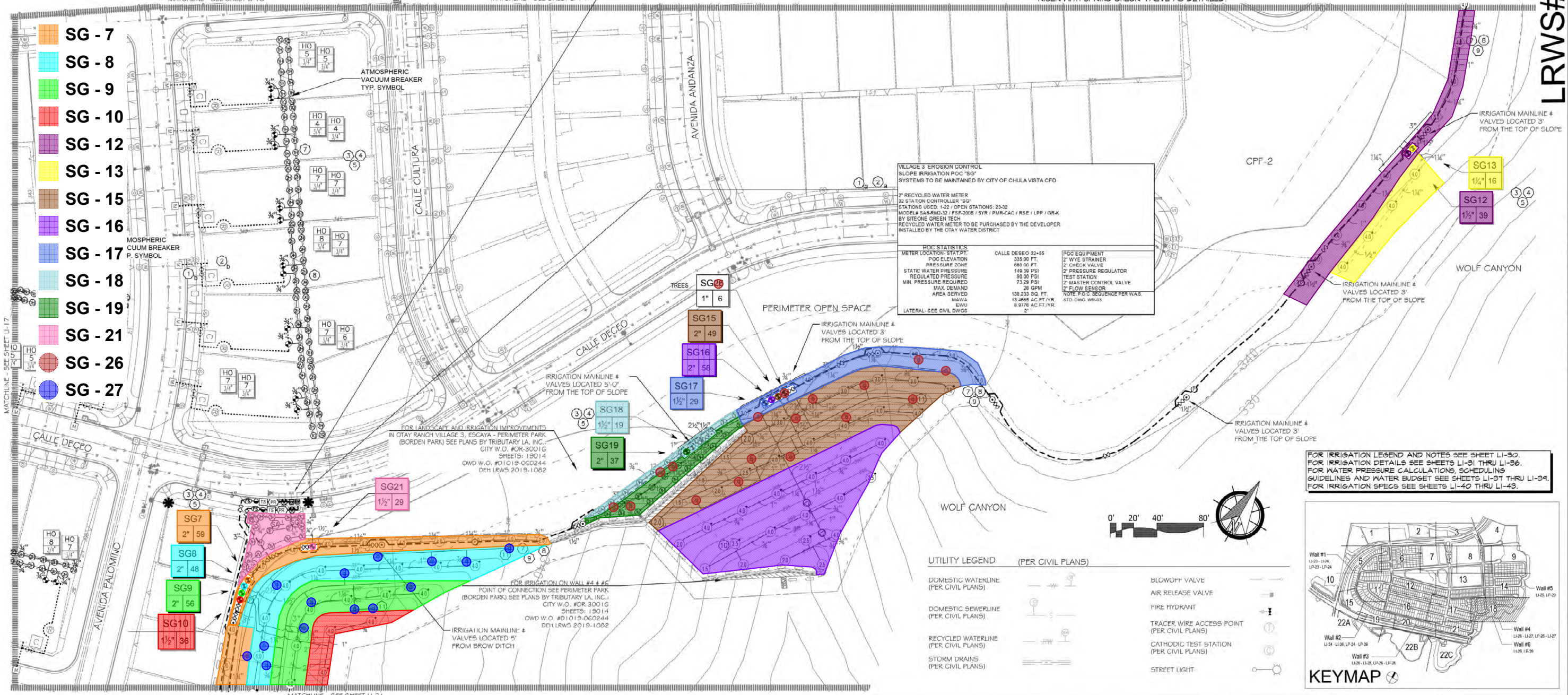
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- 7. DRIVEWAY AND SIDEWALK CROSSING- MAINLINE, LATERAL LINE AND CONTROL WIRE SLEEVES UNDER ALL PAVING. SLEEVES TWO TIMES DIA. OF PIPE, 2" MIN. (TYP)/FULL BOX-CONTROL WIRE SLEEVES UNDER ALL PAVING TO INCLUDE FULL BOX AT ENDS OF SLEEVES. (TYP)
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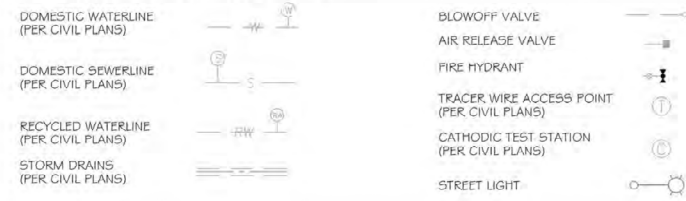
VILLAGE 3 EROSION CONTROL SLOPE IRRIGATION POC 'S41' SYSTEMS TO BE MAINTAINED BY CITY OF CHULA VISTA CFD		
METER LOCATION: STAT PT.	335.00 FT.	POC EQUIPMENT
POC ELEVATION	880.00 FT.	1-1/2" WYE STRAINER
PRESSURE ZONE	149.39 PSI	1-1/2" CHECK VALVE
STATIC WATER PRESSURE	90.00 PSI	1-1/2" PRESSURE REGULATOR
REGULATED PRESSURE	37.00 PSI	TEST STATION
MIN. PRESSURE REQUIRED	28 GPM	1-1/2" MASTER CONTROL VALVE
MAX. DEMAND	42,689 SQ. FT.	1-1/2" FLOW SENSOR
AREA SERVED	4,1957 AC FT./YR.	NOTE: P.O.C. SEQUENCE PER WAS STD. DWG. WR-03
M.A.V.A.	2,7728 AC FT./YR.	
E.W.U.	2"	
LATERAL: SEE CIVIL DWGS		

VILLAGE 3 EROSION CONTROL SLOPE IRRIGATION POC 'S5' SYSTEMS TO BE MAINTAINED BY CITY OF CHULA VISTA CFD		
METER LOCATION: STAT PT.	335.00 FT.	POC EQUIPMENT
POC ELEVATION	880.00 FT.	2" WYE STRAINER
PRESSURE ZONE	149.39 PSI	2" CHECK VALVE
STATIC WATER PRESSURE	90.00 PSI	2" PRESSURE REGULATOR
REGULATED PRESSURE	37.29 PSI	TEST STATION
MIN. PRESSURE REQUIRED	28 GPM	2" MASTER CONTROL VALVE
MAX. DEMAND	138,233 SQ. FT.	2" FLOW SENSOR
AREA SERVED	13,4965 AC FT./YR.	NOTE: P.O.C. SEQUENCE PER WAS STD. DWG. WR-03
M.A.V.A.	8,9778 AC FT./YR.	
E.W.U.	2"	
LATERAL: SEE CIVIL DWGS		

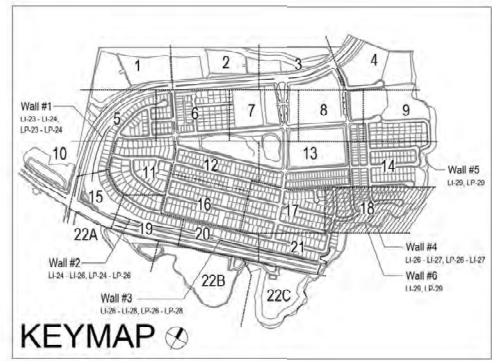


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UTILITY LEGEND (PER CIVIL PLANS)



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 FOR IRRIGATION SPECS SEE SHEETS LI-40 THRU LI-43.



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 Project No. D0944-060189 LRWS No.2019-00134
 P.Z. 624, 711 R.P.Z. 680

SIGNED: *[Signature]* DATE: 4/24/23
 PRINT NAME: THOMAS PICARD R.L.A. # 4001
 DISCIPLINE: LANDSCAPE ARCHITECT REGIST. EXP. 9/30/23

REVIEWED BY: *[Signature]* DATE: 5/10/19
 NOTE: SIGNATURE EXPIRES ONE (1) YEAR AFTER DATE

"AS-BUILT"

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 760.434.9300 office 760.434.9303 fax

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK	SCALE	Office	Designed By	Drawn By	Checked By	Plans Originally Approved:	5-15-17	CITY OF CHULA VISTA	Drawing No.
Contractor	16026-01 - 16026-93	HUNSAKER & ASSOC.	ADD SHUT OFF VALVES.	7/7/19	[Signature]	DESCRIPTON: BRASS BUSH MARKED "50 CITY ENGR." IN 3/4" IRON PIPE.	Horizontal 1" = 30'		Thomas A. Picard	Thomas A. Picard	Thomas A. Picard	Approved: [Signature]		LANDSCAPE IRRIGATION PLAN FOR: OTAY RANCH VILLAGE 3 SLOPE & EROSION CONTROL	16050 - 26
Inspector			ADJUST IRRIGATION FOR FUEL MOID AREAS.	5/28/19	[Signature]	LOCATION: 1.5 METERS EAST OF MOUTH OF MAIN ST. & HERVAGE RD. ON ROCK MOUNTAIN 100' EASTERLY OF PREVIOUS TO HIGH ROLLER & 1700' SOUTHERLY OF WATER STORAGE FACILITY. (PZ 1508 PER R.O.S. 1484) ELEV:629.319' (NAVD85)	Vertical N/A		Thomas A. Picard	Thomas A. Picard	Thomas A. Picard	Approved: [Signature]	OTAY RANCH VILLAGE 3 SLOPE & EROSION CONTROL	Sheet 26 of 28	
Date Completed			ADD IRRG. @ CALLE DESEO STA 32+50						THOMAS A. PICARD	R.L.A. No. 4001	Director of Development Services or designee.		REPLACEMENT SHEET	OWD WO# D0944-060189	LI-18

LRWS# 2019-1134

Print Date: 24 APR '23

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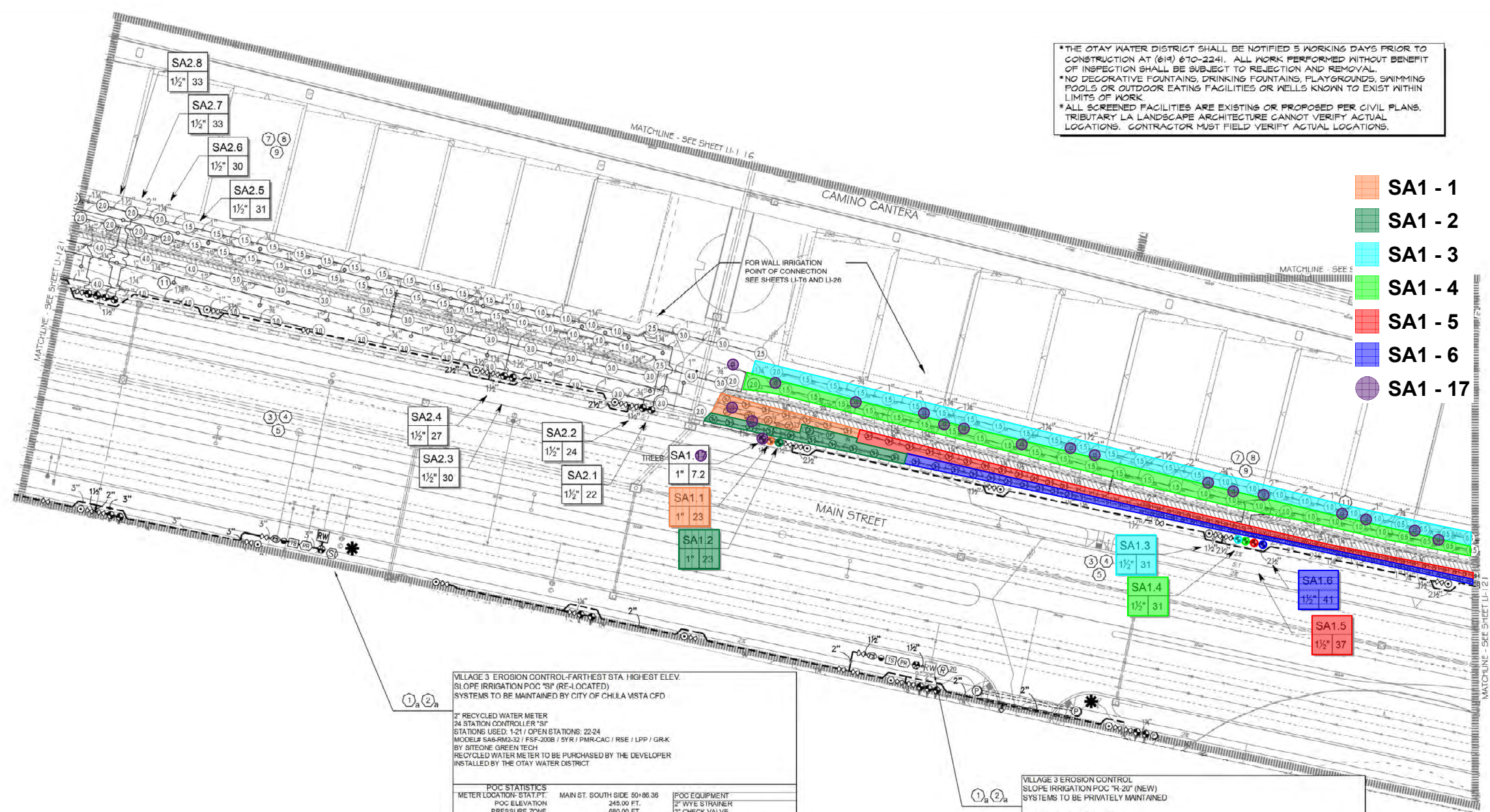
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- LATERAL LINE DRAINAGE IS TO BE PREVENTED IN ALL CASES. SPRING AND/OR SWING CHECK VALVES SHALL BE INSTALLED UNDER ALL IRRIGATION HEADS AND IN LATERAL LINE RUNS OF ALL IRRIGATION SYSTEMS WHERE TOPOGRAPHY CAUSES AN ELEVATION DIFFERENCE OF 1 FEET OR GREATER.

*THE OTAY WATER DISTRICT SHALL BE NOTIFIED 5 WORKING DAYS PRIOR TO CONSTRUCTION AT (619) 670-2241. ALL WORK PERFORMED WITHOUT BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL.
 *NO DECORATIVE FOUNTAINS, DRINKING FOUNTAINS, PLAYGROUNDS, SWIMMING POOLS OR OUTDOOR EATING FACILITIES OR WELLS KNOWN TO EXIST WITHIN LIMITS OF WORK.
 *ALL SCREENED FACILITIES ARE EXISTING OR PROPOSED PER CIVIL PLANS. TRIBUTARY LA LANDSCAPE ARCHITECTURE CANNOT VERIFY ACTUAL LOCATIONS. CONTRACTOR MUST FIELD VERIFY ACTUAL LOCATIONS.

- SA1 - 1
- SA1 - 2
- SA1 - 3
- SA1 - 4
- SA1 - 5
- SA1 - 6
- SA1 - 17



VILLAGE 3 EROSION CONTROL-FARTHEST STA. HIGHEST ELEV. SLOPE IRRIGATION POC "S" (RF-LOCATED) SYSTEMS TO BE MAINTAINED BY CITY OF CHULA VISTA C/PD

2" RECYCLED WATER METER 24 STATION CONTROLLER "S"	POC STATISTICS	POC EQUIPMENT
STATIONS USED: 1-21 / OPEN STATIONS: 22-24	METER LOCATION: STAT.PT. MAIN ST. SOUTH SIDE 50+06.36	2" WYE STRAINER
MODEL# SA6-RM2-32 / FSF-2008 / 5YR / PMR-CAC / RSE / LPP / GRK	POC ELEVATION: 680.00 FT.	2" CHECK VALVE
BY SITEONE GREEN TECH	STATIC WATER PRESSURE: 188.36 PSI	2" PRESSURE REGULATOR
RECYCLED WATER METER TO BE PURCHASED BY THE DEVELOPER	REGULATED PRESSURE: 140.00 PSI	TEST STATION
INSTALLED BY THE OTAY WATER DISTRICT	MIN. PRESSURE REQUIRED: 104.54 PSI	2" MASTER CONTROL VALVE
	MAX DEMAND: 33 GPM	2" FLOW SENSOR
	AREA SERVED: 70,671 SQ. FT.	NOTE: P.O.C. SEQUENCE PER W.A.S.
	MAWA: 6,8847 AC.FT./YR.	STD. DWG. WR-03.
	E/WU: 4.9866 AC.FT./YR.	
	LATERAL-SEE CIVIL DWGS	

VILLAGE 3 EROSION CONTROL SLOPE IRRIGATION POC "R-20" (NEW) SYSTEMS TO BE PRIVATELY MAINTAINED

1.5" RECYCLED WATER METER 12 STATION CONTROLLER "R20"	POC STATISTICS	POC EQUIPMENT
STATIONS USED: 1-4 / OPEN STATIONS: 10-12	METER LOCATION: STAT.PT. MAIN ST. SOUTH SIDE 54+15	1-1/2" WYE STRAINER
MODEL# SA6-RM20-12 / FSF-150P / RSE / LPP / GRK	POC ELEVATION: 265.00 FT.	1-1/2" CHECK VALVE
BY SITEONE GREEN TECH	STATIC WATER PRESSURE: 179.70 PSI	1-1/2" PRESSURE REGULATOR
RECYCLED WATER METER TO BE PURCHASED BY THE DEVELOPER	REGULATED PRESSURE: 80.00 PSI	TEST STATION
INSTALLED BY THE OTAY WATER DISTRICT	MIN. PRESSURE REQUIRED: 65.69 PSI	1-1/2" MASTER CONTROL VALVE
	MAX DEMAND: 28 GPM	1-1/2" FLOW SENSOR
	AREA SERVED: 15,274 SQ. FT.	NOTE: P.O.C. SEQUENCE PER W.A.S.
	MAWA: 1,4879 AC.FT./YR.	STD. DWG. WR-03.
	E/WU: 0.9919 AC.FT./YR.	
	LATERAL-SEE CIVIL DWGS	

UTILITY LEGEND (PER CIVIL PLANS)

DOMESTIC WATERLINE (PER CIVIL PLANS)	BLOWOFF VALVE
DOMESTIC SEWERLINE (PER CIVIL PLANS)	AIR RELEASE VALVE
RECYCLED WATERLINE (PER CIVIL PLANS)	FIRE HYDRANT
STORM DRAINS (PER CIVIL PLANS)	TRACER WIRE ACCESS POINT (PER CIVIL PLANS)
	CATHODIC TEST STATION (PER CIVIL PLANS)
	STREET LIGHT

ALL BASE INFORMATION FOR THESE PLANS HAS BEEN OBTAINED FROM THE LANDSCAPE ARCHITECT AND REFLECTS ARCHITECTURAL, CIVIL AND/OR MECHANICAL DESIGN AND/OR PLANS. THE LANDSCAPE ARCHITECT OR IRRIGATION CONSULTANT DEPENDS ON ACCURACY OF THIS OBTAINED INFORMATION. CONTRACTOR MUST FIELD VERIFY ACTUAL LOCATIONS.

FOR IRRIGATION LEGEND AND NOTES SEE SHEET LI-30. FOR IRRIGATION DETAILS SEE SHEETS LI-31 THRU LI-36. FOR WATER PRESSURE CALCULATIONS, SCHEDULING GUIDELINES AND WATER BUDGET SEE SHEETS LI-37 THRU LI-34. FOR IRRIGATION SPECS SEE SHEETS LI-40 THRU LI-45.

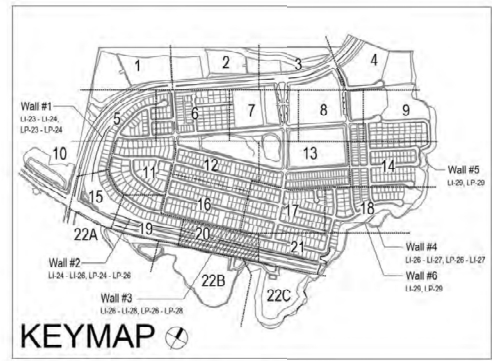
OTAY WATER DISTRICT
 Project No. D0944-060189 LRWS No.2019-00134
 P.Z. 624, 711 R.P.Z. 680

"AS-BUILT"
 SIGNED: *THP* DATE: 4/24/23
 PRINT NAME: THOMAS PICARD R.L.A. # 4001
 DISCIPLINE: LANDSCAPE ARCHITECT REGIST. EXP. 9/30/23

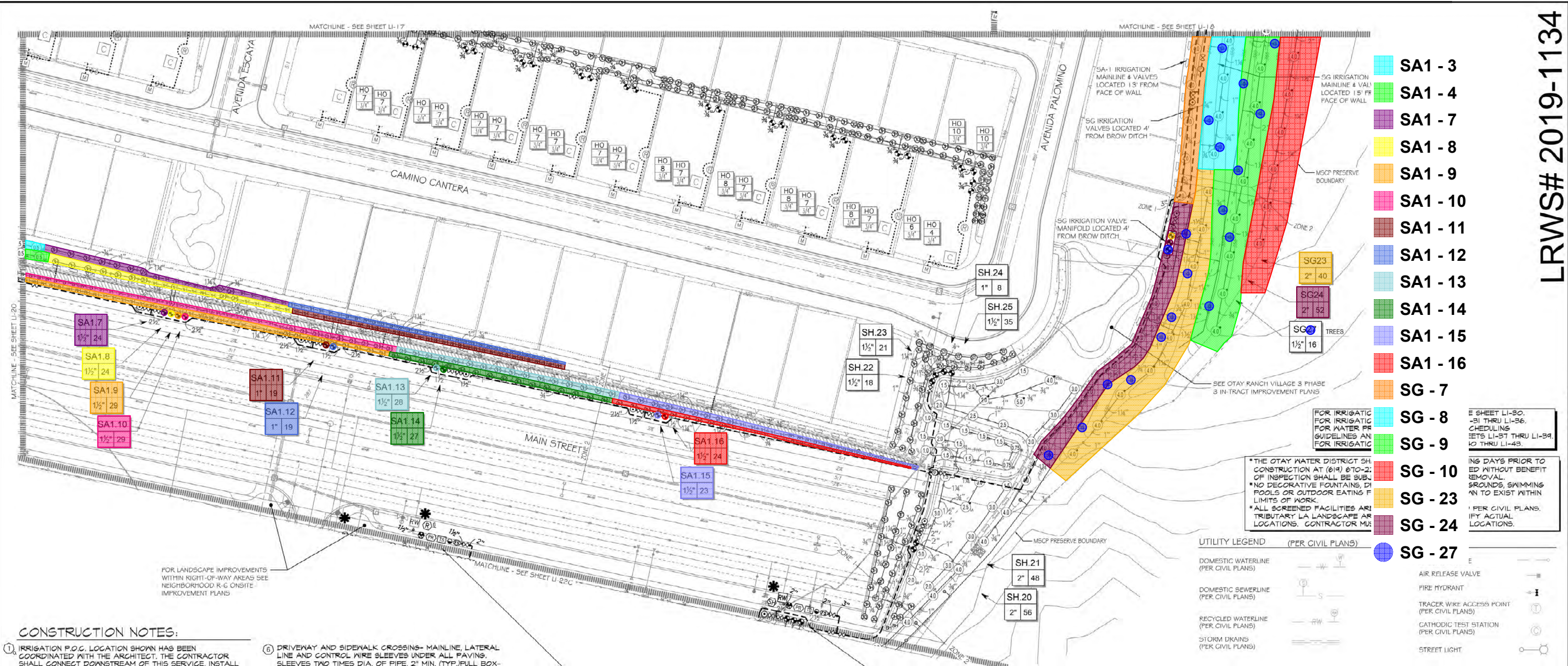
IT'S THE LAW! DIAL BEFORE YOU DIG!
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 1-800-227-2600
 UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA
 BEFORE EXCAVATING, THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES BY CONTACTING UTILITY UNDERGROUND SERVICE ALERT AT 1-800-227-2600



Tributary LA, Inc.
 Landscape Architecture and Planning
 DATE: 24 APR '23
 SCALE: 1" = 40'
 JOB NO. 15024
 DRAWN BY: T.P. / T.G.M.
 W.O. NO. OR-3001G



CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK	SCALE	Office	Designed By	Drawn By	Checked By	Plans Originally Approved:	5-15-17	CITY OF CHULA VISTA	Drawing No.
Contractor	16026-01 - 16026-93	HUNSAKER & ASSOC.	ADD SHUT OFF VALVES	7/9/18	THP	DESCRIPTION: BRASS (GALV MARKED "50 CITY ENGR" IN 3/4" IRON PIPE) LOCATION: 1.5 METERS EAST OF INY OF MAIN ST. & HERVAGE RD. ON ROCK MOUNTAIN 100' EASTERLY OF PREVIOUS 10' HIGH BOLLARD, & 1700' SOUTHWESTLY OF WATER STORAGE FACILITY. (PUB 1358 PER 8.0.2. (1484) ELEV=629.319' (NAVD85))	Horizontal 1" = 30' Vertical N/A		Thomas A. Picard	Thomas A. Picard	Thomas A. Picard	Thomas A. Picard	5-15-17	OTAY RANCH VILLAGE 3 SLOPE & EROSION CONTROL CHULA VISTA TENTATIVE TRACT MAP NO. 13-02	16050 - 28
Inspector									Plans Prepared Under Supervision Of	Date:	Approved:	Date:			Sheet 20 of 28
Date Completed									THOMAS A. PICARD	4/24/23	Tiffany Allen				



CONSTRUCTION NOTES:

- IRRIGATION P.O.C. LOCATION SHOWN HAS BEEN COORDINATED WITH THE ARCHITECT. THE CONTRACTOR SHALL CONNECT DOWNSTREAM OF THIS SERVICE, INSTALL BACKFLOW PREVENTION DEVICE, FLOW CONTROL AND MONITORING EQUIPMENT AND EXTEND SYSTEM AS SHOWN.
- IRRIGATION P.O.C. FOR PRIVATE SYSTEMS - CONTRACTOR SHALL INSTALL A 1-1/4" TEE DOWNSTREAM OF A DEDICATED PRIVATE METER, INSTALL AN ISOLATION VALVE AND PRESSURE REGULATOR IN A RECTANGULAR VALVE BOX AND EXTEND SYSTEM AS SHOWN. SEE DETAIL B12 ON SHEET LI-24.
- IRRIGATION CONTROLLER- 120 VAC POWER TO BE PROVIDED BY OWNER. CONTRACTOR SHALL ROUTE POWER CABLE TO CONTROLLER IN PVC CONDUIT AND MAKE PERMANENT CONNECTION TO THE CONTROLLER. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING ORDINANCE AND/OR LOCAL CODE.
- IRRIGATION CONTROLLER - PRIVATE SYSTEMS. 120 VAC POWER TO BE PROVIDED BY OWNER. CONTRACTOR SHALL INSTALL AN INDOOR IRRIGATION CONTROLLER AND A RAIN SENSOR. SEE DETAIL B12 ON SHEET LI-24. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING ORDINANCE AND/OR LOCAL CODE.
- LOCATIONS SHOWN DIAGRAMMATICALLY. ALL EQUIPMENT TO BE INSTALLED WITHIN PLANTING AREAS OR LOCATED AS DIRECTED BY THE LANDSCAPE ARCHITECT AND/OR USC-FMS. ROUTE IRRIGATION MAINLINE AND CONTROL WIRE APPROXIMATELY AS SHOWN 12" TO 18" FROM BACK OF CURB OR WALK.
- REMOTE CONTROL VALVES TO BE HIDDEN FROM CASUAL SIGHT WHEN POSSIBLE. STAKE LOCATION OF ALL VALVES FOR APPROVAL BY LANDSCAPE ARCHITECT AND OR OWNER'S REPRESENTATIVE. (TYPICAL ALL LOCATIONS)
- SINGLE REMOTE CONTROL VALVES TO BE INSTALLED ON MANIFOLD IN 12" RECTANGULAR VALVE BOX. INSTALL NO MORE THAN 4 VALVE BOXES IN ONE AREA. SEPARATE VALVE BOX GROUPS BY 4' MIN.
- DRIVEWAY AND SIDEWALK CROSSINGS- MAINLINE, LATERAL LINE AND CONTROL WIRE SLEEVES UNDER ALL PAVING. SLEEVES TWO TIMES DIA. OF PIPE. 2" MIN. (TYP.) FULL BOX CONTROL WIRE SLEEVES UNDER ALL PAVING TO INCLUDE FULL BOX AT ENDS OF SLEEVES. (TYP.)
- ALL OVERHEAD SPRINKLERS TO BE ADJUSTED AS NECESSARY TO PREVENT OVERSPRAY ONTO HARDSCAPE SURFACES OR, OTHERWISE OUTSIDE THE INTENDED AREA OF COVERAGE.
- SPRINKLERS LOCATED WITHIN 3 FT. OF CURBS, SIDEWALKS, MOW CURBS, UTILITY PEDESTALS, TOP AND TOE OF SLOPE OR ANY OTHER PAVING SURFACE, SHALL USE A POP-UP TYPE BODY AS LISTED IN THE IRRIGATION LEGEND, UNLESS NOTED OTHERWISE.
- SPRINKLERS LOCATED GREATER THAN THREE FEET FROM CURBS, SIDEWALKS, MOW CURBS, UTILITY PEDESTALS, MID SLOPE, HOMEOWNER MAINTAINED PRIVATELY OWNED BACKYARD SLOPES OR ANY OTHER PAVING SURFACE, SHALL USE A SHRUB TYPE BODY AS LISTED IN THE IRRIGATION LEGEND AND INSTALLED ON A PVC SCH 80 RISER WITH SPRING CHECK VALVE AS DETAILED.
- RADIUS AND NOZZLE REDUCTION- SYSTEM DESIGN AND INSTALLATION IS TO FOLLOW TOPOGRAPHY AS MUCH AS IS PRACTICAL, WHERE TOPOGRAPHY AND ASSOCIATED HEAD LAYOUT IS TRUNCATED BY A DEFINITE BOUNDARY. FULL CIRCLE HEADS BECOME FILL HEADS WITH REDUCED RADIUS OF THROW. NOZZLES AT THESE HEADS IS ALSO REDUCED IN AN EFFORT TO MAINTAIN A TARGETED APPLICATION RATE OF 4IN/HR.
- RAINBIRD SG-F SERIES MICRO SPRAY NOZZLE ON RISER FOR THE SUPPLEMENTAL IRRIGATION OF NEW TREES.

ALL BASE INFORMATION FOR THESE PLANS HAS BEEN OBTAINED FROM THE LANDSCAPE ARCHITECT AND REFLECTS ARCHITECTURAL, CIVIL AND/OR MECHANICAL DESIGN AND/OR PLANS. THE LANDSCAPE ARCHITECT OR IRRIGATION CONSULTANT DEPENDS ON ACCURACY OF THIS OBTAINED INFORMATION. CONTRACTOR MUST FIELD VERIFY ACTUAL LOCATIONS.

VILLAGE 3 EROSION CONTROL SLOPE IRRIGATION POC "R" (NEW) SYSTEMS TO BE PRIVATELY MAINTAINED

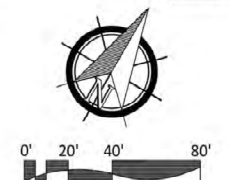
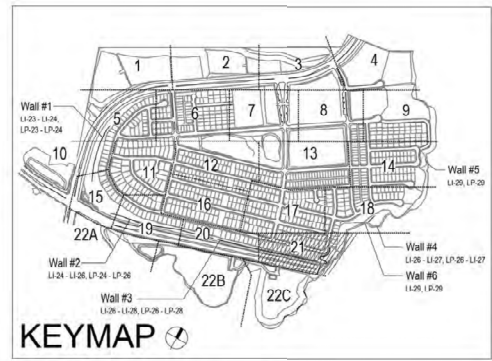
1.5" RECYCLED WATER METER	8 STATION CONTROLLER "RP"
STATIONS USED: 1-5 / OPEN STATIONS: 6-8	MODEL# S46-RM20-6 / FSF-150P / RSE / LPP / GRK
BY SITEONE GREEN TECH	RECYCLED WATER METER TO BE PURCHASED BY THE DEVELOPER
INSTALLED BY THE OTAY WATER DISTRICT	

POC STATISTICS	MAIN ST. SOUTH SIDE 63+80	POC EQUIPMENT
METER LOCATION STA/PT:	295.00 FT.	1-1/2" WYE STRAINER
POC ELEVATION	680.00 FT.	1-1/2" CHECK VALVE
PRESSURE ZONE	168.71 PSI	1-1/2" PRESSURE REGULATOR
STATIC WATER PRESSURE	80.00 PSI	TEST STATION
REGULATED PRESSURE	69.80 PSI	1-1/2" MASTER CONTROL VALVE
MIN. PRESSURE REQUIRED	15 GPM	1-1/2" FLOW SENSOR
MAX DEMAND	5.188 GPD	32 GPM
AREA SERVED	0.5052 AC.FT./YR.	147,698 SQ. FT.
MAWA	0.3369 AC.FT./YR.	14,382 AC.FT./YR.
E/WU	2"	5.5921 AC.FT./YR.
LATERAL-SEE CIVIL DWGS		STD. DWG. WR-03.

VILLAGE 3 EROSION CONTROL SLOPE IRRIGATION POC "SH" (RE-LOCATED) SYSTEMS TO BE MAINTAINED BY CITY OF CHULA VISTA CFD

2" RECYCLED WATER METER	32 STATION CONTROLLER "SH"
STATIONS USED: 1-25 / OPEN STATIONS: 26-32	MODEL# S46-RM20-32 / FSF-200P / RYR / PWR-CAC / RSE / LPP / GRK
BY SITEONE GREEN TECH	RECYCLED WATER METER TO BE PURCHASED BY THE DEVELOPER
INSTALLED BY THE OTAY WATER DISTRICT	

POC STATISTICS	MAIN ST. SOUTH SIDE 05+80	POC EQUIPMENT
METER LOCATION STA/PT:	305.00 FT.	2" WYE STRAINER
POC ELEVATION	680.00 FT.	2" CHECK VALVE
PRESSURE ZONE	162.36 PSI	2" PRESSURE REGULATOR
STATIC WATER PRESSURE	60.00 PSI	TEST STATION
REGULATED PRESSURE	37.81 PSI	2" MASTER CONTROL VALVE
MIN. PRESSURE REQUIRED	32 GPM	2" FLOW SENSOR
MAX DEMAND	147,698 SQ. FT.	32 GPM
AREA SERVED	14,382 AC.FT./YR.	147,698 SQ. FT.
MAWA	5.5921 AC.FT./YR.	14,382 AC.FT./YR.
E/WU	2"	STD. DWG. WR-03.
LATERAL-SEE CIVIL DWGS		



"AS-BUILT"

OTAY WATER DISTRICT
Project No. D0944-060189 LRWS No. 2019-00134
P.Z. 624, 711 R.P.Z. 680

SIGNED: *THP* DATE: 4/24/23

PRINT NAME: THOMAS PICARD R.L.A. # 4001

REVIEWED BY: *THP* DATE: 5/10/19
NOTE: SIGNATURE EXPIRES ONE (1) YEAR AFTER DATE

DISCIPLINE: LANDSCAPE ARCHITECT REGIST. EXP. 9/30/23

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REGISTERED LANDSCAPE ARCHITECT
THOMAS A. PICARD
9/30/23
2294793
CALIFORNIA

Tributary LA, Inc.
Landscape Architecture and Planning
2725 Jefferson Street, Suite 14
Carlsbad, CA 92008
760.434.9300 office 760.434.9303 fax

DATE: 24 APR '23
SCALE: 1" = 40'
JOB NO. 15024
DRAWN BY: T.P. / T.G.M.
W.O. NO. OR-3001G

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK	SCALE	Office	Designed By	Drawn By	Checked By	Plans Originally Approved:	5-15-17	CITY OF CHULA VISTA	Drawing No.
Contractor	16026-01 - 16026-93	HUNSAKER & ASSOC.	ADD SHUT OFF VALVES	7/7/19	THP	BRASS DISK MARKED "50 CITY ENGR." IN 3/4" IRON PIPE	Horizontal	Field	THP	THP	THP	THP	5-15-17	OTAY RANCH VILLAGE 3 SLOPE & EROSION CONTROL	16050 - 29
Inspector			ADD MAINLINE NOTE ON MAIN STREET	5/10/19	THP	1.5 METER EAST OF END OF MAIN ST. & HERVAGE RD. ON ROCK MOUNTAIN 100' EASTERLY OF PREVIOUS 10' HIGH BOLLARD & 1700' SOUTHWESTLY OF WATER STORAGE FACILITY. (P.L. 1358 PER 8.02.1484) ELEV=629.319' (NAVD85)	Vertical	Traffic	THP	THP	THP	THP	5-15-17	CHULA VISTA TENTATIVE TRACT MAP NO. 13-02	Sheet 29 of 88
Date Completed							N/A		THOMAS A. PICARD	R.L.A. No. 4001	Approved: Tiffany Allen Director of Development Services or designee.	Date: 4/24/23		REPLACEMENT SHEET	OWD WO# D0944-060189 OWD PERMIT# PLR-1G-014 LI-21