VERIZON WIRELESS EQUIPMEN	T ENGINEER:	VERIZON WIRELESS REAL ES	STATE:	
SIGNATURE	DATE	SIGNATURE	DATE	
VERIZON WIRELESS CONSTRUC	TION:	VERIZON WIRELESS RF ENGINEER:		
SIGNATURE	DATE	SIGNATURE	DATE	
PROPERTY OWNER:		ON AIR, LLC- LEASING		
SIGNATURE	DATE	SIGNATURE	DATE	
ON AIR, LLC- CONSTRUCTION		ON AIR, LLC- ZONING		
SIGNATURE	DATE	SIGNATURE	DATE	



SANTA CLARA CIVIC RELO

1515 RICHARD AVENUE, SANTA CLARA, CA 95050 LOCATION NUMBER: 381829

PROJECT DESCRIPTION

A (P) VERIZON WIRELESS UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF INSTALLING

- (P) VERIZON WIRELESS 70'-0" TALL MONOPINE
- (9) (P) ANTENNAS
- (9) (P) RRU UNITS
- (4) (P) SURGE SUPPRESSORS, (2) @ EQUIPMENT & (2) @ ANTENNAS
- A (P) VERIZON WRELESS 35KW GAS GENERATOR A (P) VERIZON WRELESS 30'-0"X20'-2" (605 SQFT) LEASE AREA

PROJECT INFORMATION

SITE NAME: SANTA CLARA CIVIC RELO SITE #: 381829 COUNTY SANTA CLARA JURISDICTION: CITY OF SANTA CLARA 224-06-146 POWER: SILICON VALLEY POWER SITE ADDRESS: NATURAL GAS: SANTA CLARA, CA 95050 FIRER-TRD LM (LIGHT MANUFACTURING) CURRENT ZONING:

CONSTRUCTION TYPE

U, (UNMANNED COMMUNICATIONS FACILITY) OCCUPANCY TYPE: PROPERTY OWNER

NORMAN RIVIZZA AND MARIANNE RHINE 1690 CLEVELAND AVENUE, SAN JOSE, CA 95126

(408)286-3575

APPLICANT: VERIZON WIRELESS 2785 MITCHELL DRIVE, BLDG 9

WALNUT CREEK, CA 94598

SITE ACQUISITION COMPANY:

465 FIRST STREET WEST SHITE 101

LEASING CONTACT:

CHRIS FOWLER

ZONING CONTACT: CHRIS FOW FR

CFOWLFR@ONAIRLLC.COM

CONSTRUCTION CONTACT: MOHAMMAD BASEER

VICINITY MAP

Martin Ave Martin Ave South Bay Showers Elks Lodge Decor - Santa Clara Aquamaids Bingo SITE LOCATION Mission Trail Waste Systems Finish Line Towing 0

DRIVING DIRECTIONS

2785 MITCHELL DRIVE, BLDG 9, WALNUT CREEK, CA 94598 1515 RICHARD AVENUE, SANTA CLARA, CA 95050 HEAD SOUTHWEST ON MITCHELL DR TOWARD N WIGET LN TURN LEFT ONTO N WIGET LN TURN RIGHT ONTO YGNACIO VALLEY RD 2.9 MI YGNACIO VALLEY RD TURNS RIGHT AND BECOMES HILLSIDE AVE TURN RIGHT ONTO THE 24 W RAMP TO OAKLAND CONTINUE ONTO CA-24 W/HWY 24 W 0.2 MI 1.2 MI 8.1 MI CONTINUE ONTO 1-980 W
MERGE ONTO 1-980 W
MERGE ONTO 1-980 W
MERGE ONTO 1-880 S
USE THE RIGHT LANE TO TAKE EXIT 3 FOR COLEMAN AVE 5.3 MI 1.8 MI 38.8 MI 0.3 MI OSE THE RIGHT LANE LOT TAKE EXIT 3 FOR COLEMAN AVE TOWARD MINETA SJ INTL AIRPORT TURN RIGHT ONTO COLEMAN AVE USE THE LEFT LANE TO MERGE ONTO DE LA CRUZ BLVD TURN LEFT ONTO REED ST TURN RIGHT ONTO LAFAYETTE ST 0.4 MI TURN LEFT ONTO RICHARD AVE DESTINATION WILL BE ON THE LEFT 0.3 M END AT: 1515 RICHARD AVENUE, SANTA CLARA, CA, 95050 ESTIMATED TIME: 1 HOUR 12 MINUTES ESTIMATED DISTANCE: 61.6 MILES

CODE COMPLIANCE

ALL WORK & MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

2016 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.

2016 CALIFORNIA BUILDING CODE (CBC), PART 2, VOLUME 1&2, TITLE 24 C.C.R.
(2015 INTERNATIONAL BUILDING CODE AND 2016 CALIFORNIA AMENDMENTS)

2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.

(2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS) 2016 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.

(2015 UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.

2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2015 UNIFORM PLUMBING CODE (AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA ENERGY CODE (ECC), PART 6, TITLE 24 C.C.R.
(2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS) 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11. TITLE 24 C.C.R.

2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.

ANSI/EIA-TIA-222-G

ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

DISABLED ACCESS REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE, TITLE 24 PART 2, SECTION 11B-203.5

SHEET INDEX

SHEET	DESCRIPTION	REV
T-1	TITLE SHEET	-
C-1	TOPOGRAPHIC SURVEY	-
A-1	OVERALL SITE PLAN	-
A-2	SITE PLAN	-
A-3	EQUIPMENT PLAN & DETAILS	-
A-4	ANTENNA PLAN & DETAILS	-
A-5	ELEVATION	-
A-6	ELEVATION	-
A-7	ELEVATION	-
L-1	PLANTING PLAN	-
L-2	PLANTING NOTES & DETAILS	-
L-3	IRRIGATION PLAN LEGEND & NOTES	-
L-4	IRRIGATION DETAILS	-
L-5	CIVIL NOTES & DETAILS	-

SANTA CLARA CIVIC RELO

381829 1515 RICHARD AVENUE, SANTA CLARA, CA 95050



Streamline Engineering

> PRELIMINARY: NOT FOR CONSTRUCTION

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		3/19	CLIE	NT	REV	D.G
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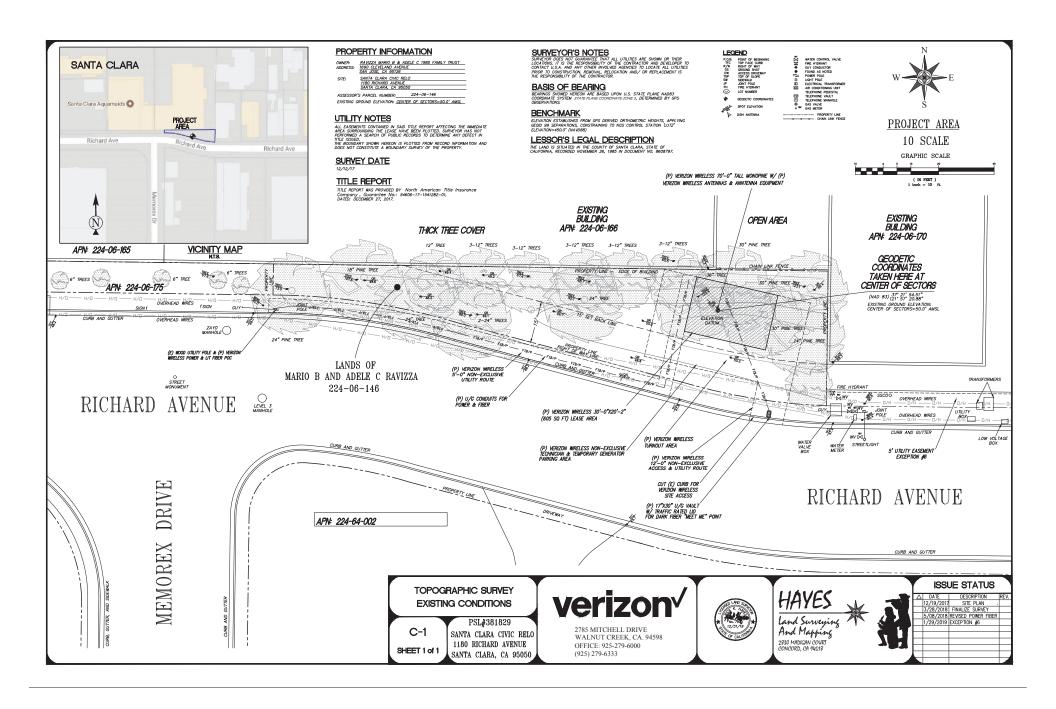
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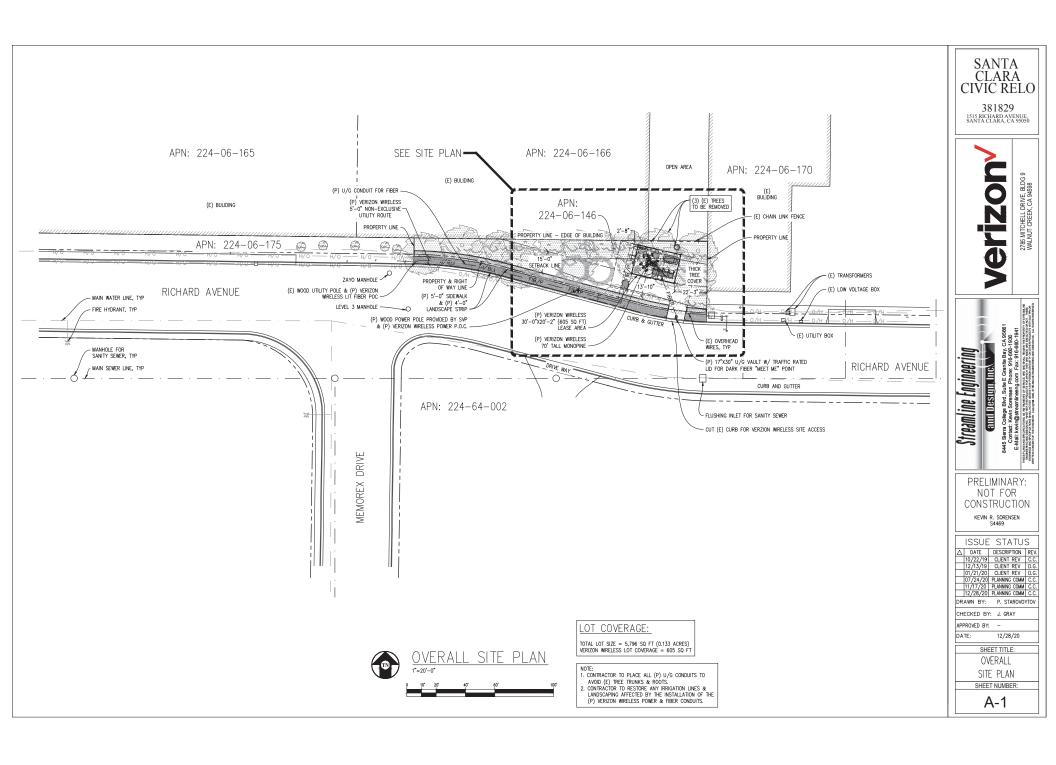
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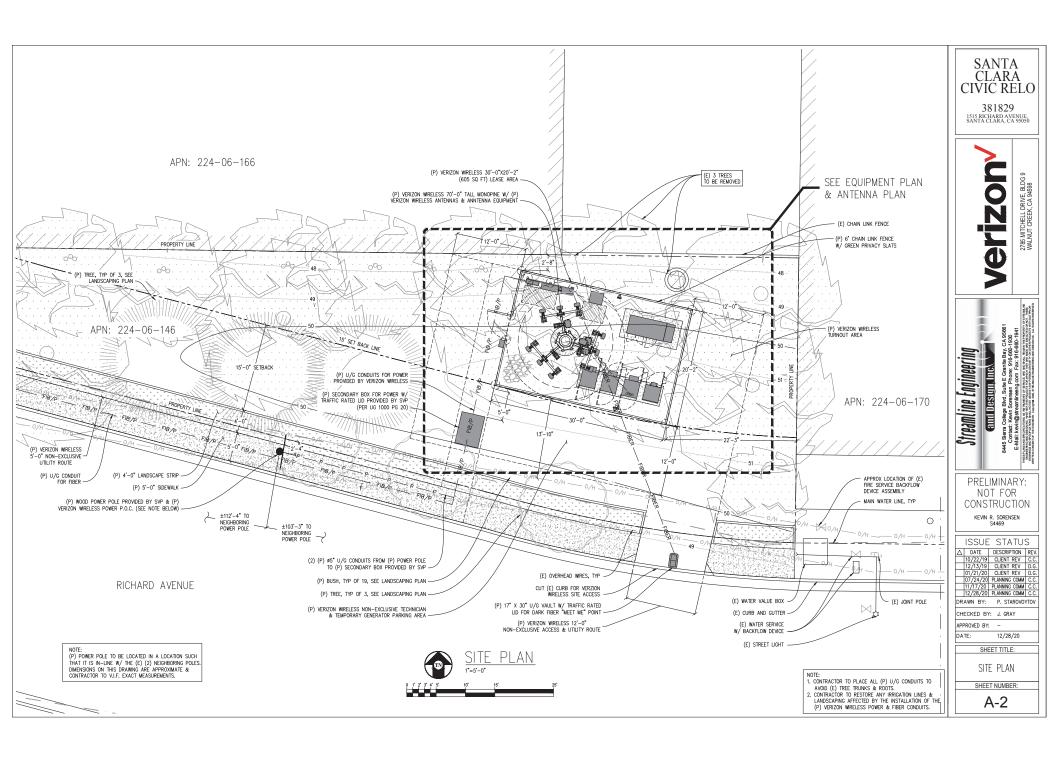
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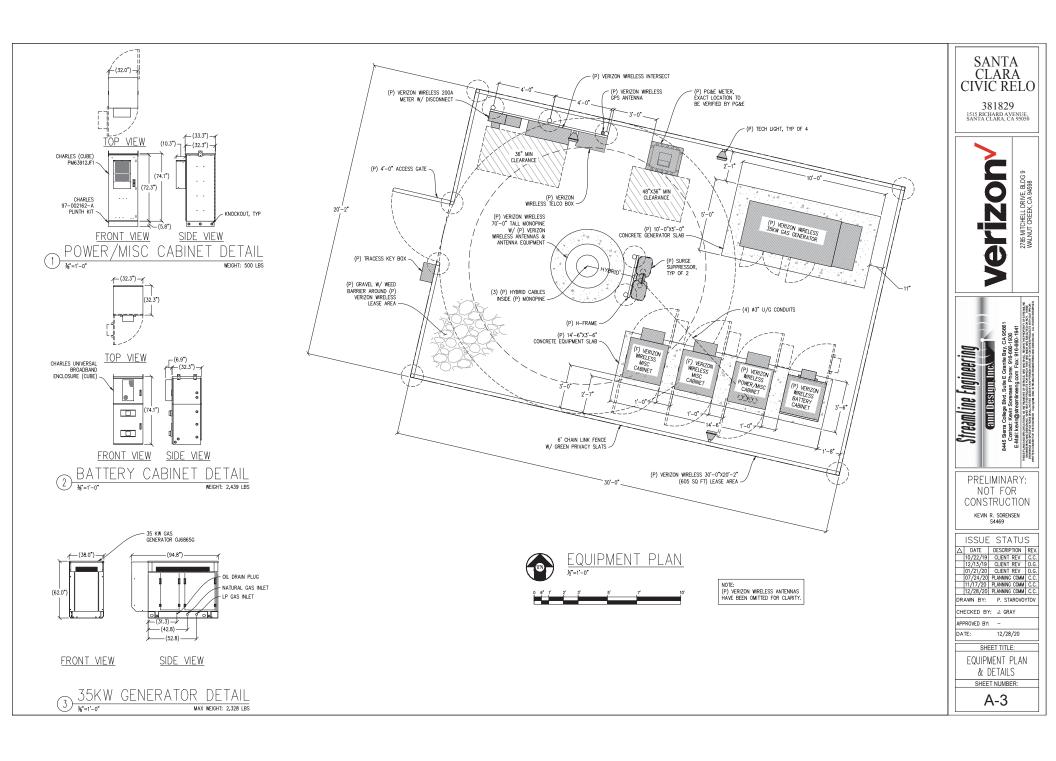
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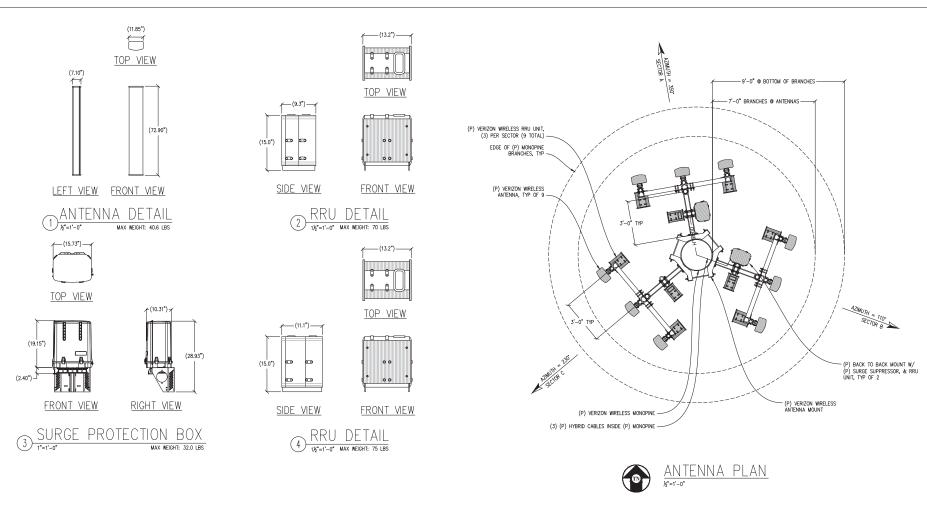
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Streamline Engineering ann Design, med

> KEVIN R. SORENSEN S4469

SANTA

CLARA CIVIC RELO

381829 1515 RICHARD AVENUE, SANTA CLARA, CA 95050

54469					
	ISSUE STATUS				
Δ	DATE	DESCRIPTION	REV.		
	10/22/19	CLIENT REV	C.C.		
	12/13/19	CLIENT REV	D.G.		
	01/21/20	CLIENT REV	D.G.		
	07/24/20	PLANNING COMM	C.C.		
	11/17/20	PLANNING COMM	C.C.		
	12/28/20	PLANNING COMM	C.C.		
DRAWN BY: P. STAROVOYTOV					
CHECKED BY: J. GRAY					
APF	PROVED BY	-			

DATE: 12/28/20

SHEET TITLE:

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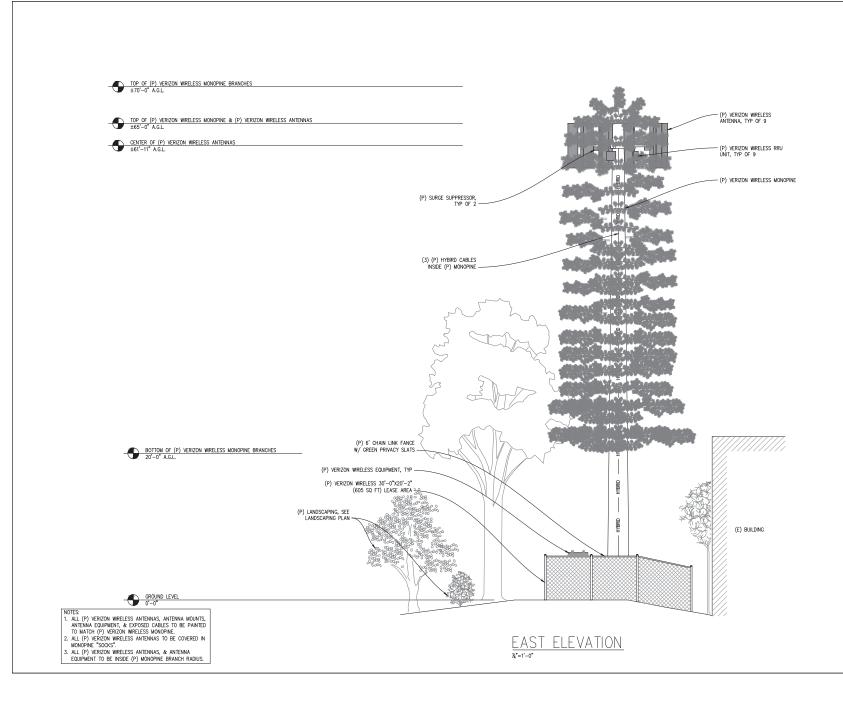
1. ALL (P) VERIZON WIRELESS ANTENNAS, ANTENNA MOUNTS, ANTENNA EQUIPMENT, & EXPOSED CABLES TO BE PAINTED TO MATCH (P) VERIZON WIRELESS MONOPINE.

2. ALL (P) VERIZON WIRELESS ANTENNAS TO BE COVERED IN

2. ALL (P) VERIZON WIRELESS ANTENNAS TO BE COVERED IN MONOPINE "SOCKS".
3. ALL (P) VERIZON WIRELESS ANTENNAS, & ANTENNA EQUIPMENT TO BE INSIDE (P) MONOPINE BRANCH RADIUS.

ANTENNA PLAN & DETAILS

SHEET NUMBER:



SANTA CLARA CIVIC RELO

381829 1515 RICHARD AVENUE SANTA CLARA, CA 95050

Streamline Engineering

PRELIMINARY: NOT FOR CONSTRUCTION

_	DATE	STATUS DESCRIPTION	> REV
_	10/22/19	CLIENT REV	C.C
	12/13/19	CLIENT REV	D.C
	01/21/20	CLIENT REV	D.C
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	11/17/20	PLANNING COMM	C.C
	12/28/20	PLANNING COMM	C.C
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-		r: J. GRAY	-

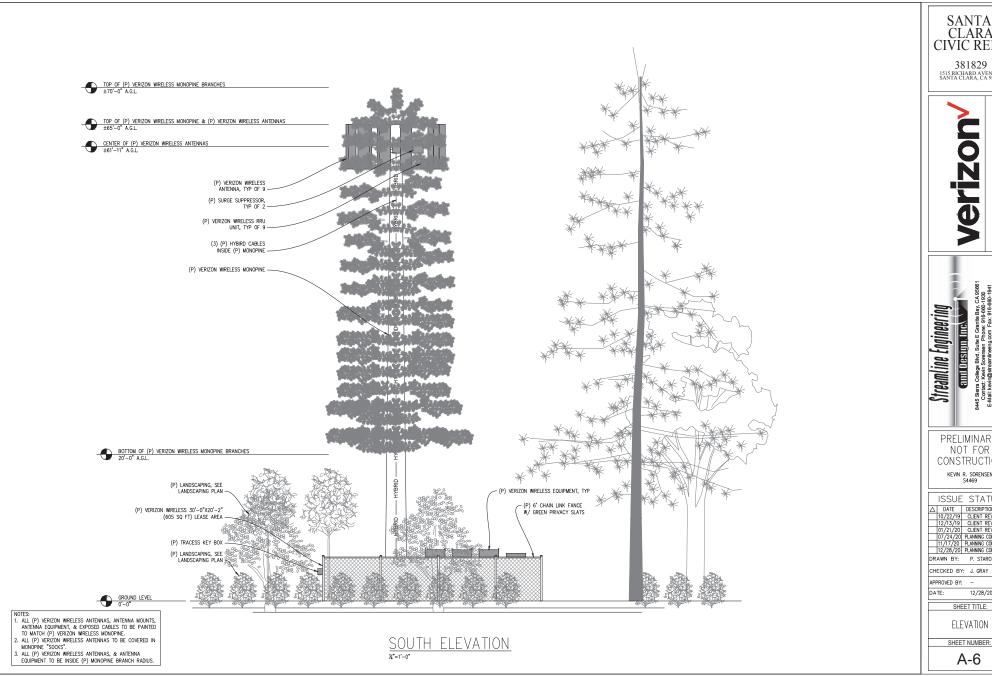
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SANTA CLARA CIVIC RELO

381829 1515 RICHARD AVENUE, SANTA CLARA, CA 95050

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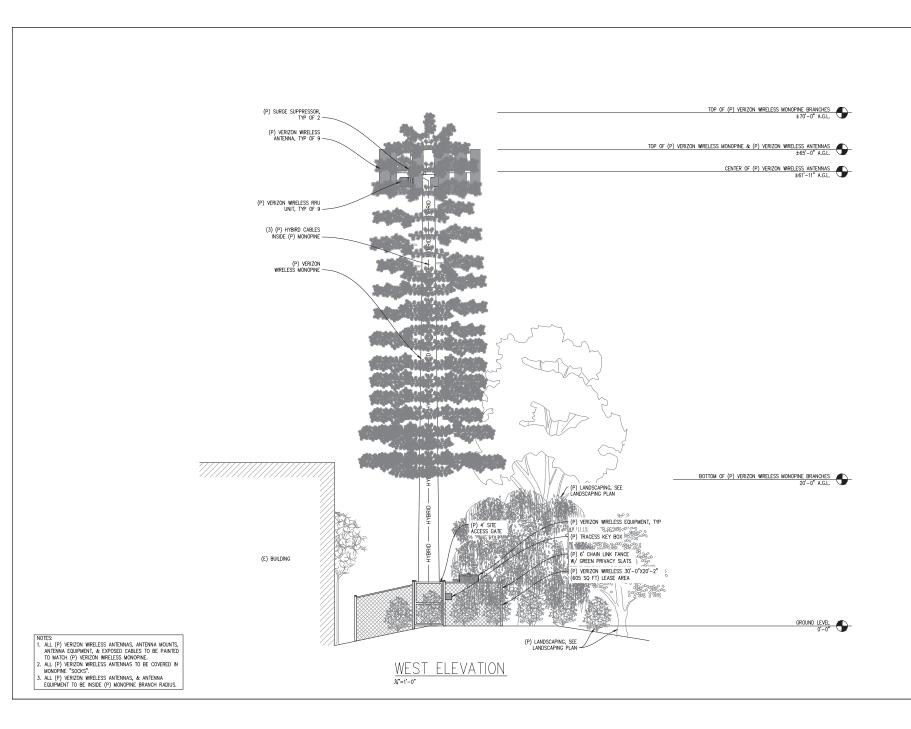
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	11/17/20	PLANNING COMM	C.C.		
	12/28/20	PLANNING COMM	C.C.		
DR	AWN BY:	P. STAROVO	rTOV		

CHECKED BY: J. GRAY

12/28/20

SHEET TITLE:

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SANTA CLARA CIVIC RELO

381829 1515 RICHARD AVENUE, SANTA CLARA, CA 95050

Verizon DRIVE BLOG 9

STEAMINE INGINERING

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PRELIMINARY: NOT FOR CONSTRUCTION

> KEVIN R. SORENSEN S4469

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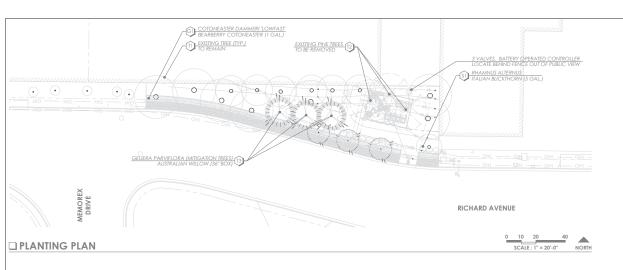
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GENERAL NOTES

- MINIMUM PLANT SIZES:
- MINIMUM PLANT SIZES:
 SIREET IRESE (28" BOX), SPELACEMENT TREES (24" BOX), SHRUBS (1 GAL), GROUNDCOVER (FLATS)
 GAL), GROUNDCOVER (FLATS)
 CALIFORARY IRRICATION SYSTEM TO BE INSTALLED AS A PART OF SITE CONSTRUCTION AND OWILL INCLIDE A WATER TANK, 3 VALVES, & A BATTEN TO PREAMED CONTROLLER.
- ALL PLANTING AREAS SHALL RECEIVE A 3" LAYER OF MEDIUM BARK
- MULCH AFTER INSTALLATION.
 ALL PLANT MATERIAL SHALL CONFORM TO THE CITY OF SANTA
 CLARA OR STATE OF CALIFORNIA MODEL WATER CONSERVATION
- ALL PLANTING AND IRRIGATION SHALL BE INSTALLED PER THE CITY OF
- SANTA CLARA STANDARDS AND CODES.
 FOR SITE WORK, ARCHITECTURAL, AND GRADING/DRAINAGE
- INFORMATION SEE PLANS BY OTHERS
- INFORMATION SEE PLANS BY OTHERS.

 ALL AREAS BEYOND THE AREA OF WORK THAT ARE DISTURBED BY
 CONSTRUCTION SHALL BE RETURNED TO ORIGINAL CONDITION.
 DRAWINGS ARE FOR DESIGN AND REVIEW PURPOSES ONLY AND
- SHALL NOT BE USED AS CONSTRUCTION DOCUMENTS.
 TREES PLANTED IN AN AREA LESS THAN 8' WIDE SHALL BE INSTALLED
 WITH A ROOT BARRIER TO PROTECT AGAINST HARDSCAPE DAMAGE. STREET TREES ARE TO BE SELECTED FROM THE CITY OF SANTA CLARA APPROVED TREE LIST.

CONDITIONS OF APPROVAL

ESPONSES TO THE PROJECT CLEARANCE COMMITTEE MINUTES DATED

3/C4 THE PLANS INDICATE THAT THREE (3) TREES WILL BE REMOVED. THE TREE SURVEY PLAN INDICATES THAT ONLY TWO (2)
TREES WILL BE REMOVED. INDICATE THE NUMBER OF PROPOSED TREES TO BE REMOVED.

ALL THE REMOVED TREES SHALL BE REPLACED AT A 2:1 24" OR 1:1 36" TREE RATIO, ALLOCATE TREES FROM THE RECOMMENDED TREE LIST FOR REPLACEMENT FROM CITY

RESPONSE: THE 3 EXISTING TREE THAT ARE PROPOSED TO BE REMOVED WILL BE MITIGATED WITH 3 36" BOX TREES AND PLANTED PER THE SANTA CLARA LANDSCAPE STANDARDS.

LANDSCAPING SHALL BE PROVIDED IN THE FRONT AND SIDE YARD IN ORDER TO SCREEN THE FENCE FROM THE PUBLIC STREET

RESPONSE: NEW PLANTING HAS BEEN PROPOSED TO SCREEN THE FENCE FROM THE PUBLIC STREET AND IS TO BE PLANTED PER SANTA CLARA LANDSCAPE STANDARDS

ALLOCATE STREET TREES FROM THE RECOMMENDED TREE LIST.

response: 3 24" box street trees have been proposed and are to be planted per Santa Clara landscape standards.

TREE PROTECTION NOTES

- PRIOR TO PRE-CONSTRUCTION MEETING, BEGINNING OF GRADING, AND DURING ALL GROUND DISTURBANCE AND CONSTRUCTION ACTIVITES, TEMPORARY ORANGE PLASTIC FENCING SHALL BE INSTALLED AT THE DRIP LINE OF ALL TREES IN ORDER TO CONTROL ACCESS AND DELINEAR AREAS OF NON-DISTURBANCE, FINAL LOCATION OF FENCING TO DE DETERMINED IN PELO PELO ALLOCATION OF FENCING TO DE DETERMINED IN PELO PELO ALLOCACION OF FENCING TO DE DETERMINED IN PELO PELO ALLOCATION. THE MOST CURRENT INTERNATIONAL SOCIETY OF ARBORICULTURE PRUNING STANDARDS UNDER THE SUBERVISION OF A CERTIFIED ARBORICATION. THE MOST CURRENT INTERNATIONAL SOCIETY OF ARBORICULTURE PRUNING STANDARDS UNDER THE SUBERVISION OF A CERTIFIED ARBORICATION. THE ORDINARY OF ALL CONTROL THE STANDARD OF A CERTIFIED ARBORICATION. THE ORDINARY OF A CHARLES AND A CHARLES A

- - RUJUS.

 B. EXCAVATION IN THESE AREAS WHERE TWO [2] INCH AND LARGER ROOTS OCCUR SHALL BE DONE BY HAND.

 C. ALL ROOTS LESS THAN TWO [2] INCHES IN DIAMETER, DIRECTLY IN THE PATH OF THE PIPE OR CONDUIT, SHALL BE CLEANLY CUT UNDER THE DIRECTION OF AN APPROVED ARBORIST.
 - APPROVED ABSORDS.

 ALL ROOTS TWO (2) INCHES AND LARGER IN DIAMETER, EXCEPT DIRECTLY IN THE PATH OF PIPE OR CONDUIT, SHALL BE TUNNELED UNDER AND SHALL BE HEAVILY WRAPPED WITH BURKEY TO PREVENT SCARRING OR EXCESSIVE DRYWNG.

 E. ROOTS ONE (1) INCH AND LARGER IN DIAMETER REQUIRING CUTTING SHALL BE PAINTED WITH TWO COATS OF TREE SEAL OR EQUAL.

 F. WHERE A DITCHING MACHINE IS BUY CLOSE TO TREES HAVING ROOTS SMALLER THAN TWO (2) INCHES IN DIAMETER. THE WALL OF THE TRENCH ADJACCHIT TO TREES SHALL BE HAND TRIMMED, MAKING CLEAN CUSTS THROUGH.

 - REES SHALLD REMOVED THE RESEARCH COLOR HAVE CONTINUED AND THE RESEARCH OF THE STORE OF THE TRENCH ADJACENT TO THE G. TRENCHES ADJACENT TO TREES SHOULD BE CLOSED WITHIN TWENTY FOUR (24) HOURS AND WHERE NOT POSSIBLE. THE SIDE OF THE TRENCH ADJACENT TO THE
- TREES SHALL BE KEPT SHADED WITH BURLAP OR CANVAS
- ORIGINAL GRADE AND FLOW LINES AROUND PROTECTED TREES SHALL BE MAINTAINED FOR A MINIMUM OF 6' AWAY. SOIL LINE CANNOT BE RAISED AT THE BASE OF ANY
- DRESINGLES AND EAST MET AND THE SACURED PROJECTED RESISTANCE WAS ASSESSED. A SAME AS THE CAPACITY OF AN ASSESSED AS THE BASE OF A ANY DISCREPANCIES AND OF A SUBJECT AS RESISTANCE AND ASSESSED. AND ASSESSED AS THE BASE OF A SACURED ASSESSED. AND ASSESSED AS THE SACURED AS A SACU

PLANT LEGEND

STREET TREES

SYMBOL	NAME	COMMENTS	SIZE	WUCOLS	QTY.
8	LAGERSTROEMIA INDICA 'NATCHEZ' NATCHEZ CRAPE MYRTLE	PLANT PER DETAIL A/L-2	24" BOX	LOW	3

TREES

SYMBOL	NAME	COMMENTS	SIZE	WUCOLS	QTY.
•	EXISTING TREE TO REMAIN			LOW	19
	EXISTING TREE TO BE REMOVED			LOW	3
0	GELIERA PARVIFLORA (MITIGATION TREES) AUSTRALIAN WILLOW	PLANT PER DETAIL A/L-2	36" BOX	MEDIUM	3

SHRUBS

SYMBOL	NAME	COMMENTS	SIZE	WUCOLS	QTY.
1	SI RHAMNUS ALATERNUS ITALIAN BUCKTHORN	PLANT PER DETAIL B/L-2	5 GAL.	LOW	19

GROUNDCOVER

SYMBOL	NAME	COMMENTS	SIZE	WUCOLS	
F	COTONEASTER DAMMERI 'LOWFAST' BEARBERRY COTONEASTER	PLANT PER DETAIL B,C/L-2 30" O.C.	1 GAL.	LOW	34

SANTA CLARA CIVIC RELO

381829 1180 RICHARD AVENUE, SANTA CLARA, CA 95050



Streamline Engineering

PRELIMINARY: NOT FOR CONSTRUCTION

KEVIN R. SORENSEN

ISSUE STATUS

Δ	DATE	DESCRIPTION	REV.
		CSR RED LINES	C.C.
	04/24/18	CLIENT REV	C.C.
	05/10/18	ZD 100%	D.L.
	10/22/19	CLIENT REV	C.C.
	12/13/19	CLIENT REV	D.G.
	01/21/20	CLIENT REV	D.G.
DR.	AWN BY:		

CHECKED BY:

APPROVED BY:

SHEET TITLE:

PLANTING PLAN SHEET NUMBER:

L-1



CERTIFICATE OF COMPLETION

Date	
Project Name	
Name of Project Applicant	Telephone No.
	Fax No.
Title	Email Address
Company	Street Address

Project Address and Location:		<u> </u>	
Street Address	ss and Location:	Parcel, tract or lot number, if available.	_
City		Latitude/Longitude (optional)	
State Zip Code			
		<u> </u>	

Property Owner or his/her designee:				
Name	Telephone No.			
	Fax No.			
Title	Email Address			
Company	Street Address			
City	State	Zip Code		

Property Owner

"Nee onthy that live have received oppies of all the documents within the Landscape Documentation Package
and the Certificate of Completion and that it is our responsibility to see that the project is maintained in
accordance with the Landscape and lingation Maintanance Schedule."

roperty	Owner Signature	Date
Toperty	Owner dignature	Date

Please answer the questions below:

1. Date the Landscape Documentation Package was submitted to the local agency.

2. Date the Landscape Documentation Package was approved by the local agency.

3. Date that a copy of the Water Efficient Landscape Worksheet (including the Water Budget Calculation) was

PART 2. CERTIFICATION OF INSTALLATION ACCORDING TO THE LANDSCAPE
DOCUMENTATION PACKAGE

"Whe certify that beset upon period is set observations, the work has been substantially completed in according to the confirmance and that the landscape planting and irrigation installation conform with the oriferia and specifications of the approved Landscape Documentation Package."

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

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

PART 3. IRRIGATION SCHEDULING

PART 4. SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE

PART 5. LANDSCAPE IRRIGATION AUDIT REPORT

station verifying implementation of recommendations from soil analysis report per ordinance

GENERAL PLANTING NOTES

- REMOVE ALL DEBRIS, WEEDS, EXCESS MATERIAL AND ROCKS LARGER THAN 3" IN DIAMETER
- REMOVE ALL DEBMS, MEEDS, EACLED MINISTRUCTURED TO A DEPTH OF 12" AND BLEND THE FOLLOWING AMENDMENT INTO THE TILLED SOIL TO A DEPTH OF 6".
- AMBIDMENT INTO THE TILLED SOIL TO A DEPTH OF 6*.

 21. PER 1000 SQUARE FEET:

 2.1.1. 6 CUBIC YARDS NITROCEN AND IRON FORTIFIED ORGANIC SOIL
 AMENDMENT

 2.1.2. 14 POUNDS 12-12 FERTILIZER

 2.1.3. 15 POUNDS SOIL SUFUR

 EXCAVATE THE PLANTING PITS FOR TREES AND SHRUBS TWICE THE DIAMETER AND TWICE THE
 DEPTH OF THE ROOT BALL SCARREY THE SIDES AND BOTTOM OF THE PIT. THE BACKFILL MIX
 FOR USE AROUND THE ROOT BALL SHALL CONSST OF THE FOLLOWING:

 3.1. PER CUBIC YARD OF SOIL SHALL CONSST OF THE FOLLOWING:

 3.1.1. 1/3 CUBIC YARD DISTOR STABILIZED FIR BARK

 3.1.2. 1 POUNDS 12-12 FERTILIZER

 3.1.3. 1 1/2 POUNDS 13-12 FERTILIZER

 3.1.4. 2/3 CUBIC YARD TO FOOL
 PLANT TABS SHALL BE AGRIFORN OR APPROVED EQUAL USED AT MANUFACTURER'S
 RECOMMENDED BATE FOR EACH PLANT SIZE.
- RECOMMENDED RATE FOR EACH FLANT SIZE.

 SOIL AMENDMENT AND BACKFILL MIX ARE PROVIDED FOR BIDDING PURPOSES ONLY. THE
 CONTRACTOR SHALL PROVIDE FOR IN HIS BID FOR A SOIL AGRONOMY REPORT BY AN
 APPROVED SOIL AGRONOMST UPON COMPLETION OF THE ROUGH GRADING. ACTUAL SOIL AMENDMENTS AND BACKFILL MIX SHALL BE AS PER SOIL AGRONOMISTS REPORT AND
- RECOMMENDATIONS. FINE PRUNE ALL SPECIMEN TREES AFTER PLANTING UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT.
- ALL SPECIMEN TREES SHALL BE SELECTED AT THE SOURCE BY THE LANDSCAPE ARCHITECT. UPON COMPLETION, REMOVE ALL EXTRANEOUS MATERIAL AND DEBRIS, BROOM AND WASH CLEAN AREA.
- ACTUAL SYMBOLS SHALL HAVE PRIORITY OVER WRITTEN QUANTITIES. CONTRACTOR SHALL
- VERIFY QUANTITIES AND NOTIFY LANDSCAPE ARCHITECT OF DISCREPANCIES.

 ALL PLANT MATERIAL, COLOR, SIZE AND QUANTITIES ARE TO BE VERIFIED WITH OWNER.
- 10. ALL SUBSTITUTIONS SHALL BE APPROVED BY LANDSCAPE ARCHITECT AND OWNER. PRIOR TO INSTALLATION.
- ALL FLOW LINES ESTABLISHED BY GRADING PLAN SHALL BE MAINTAINED BY FINISH GRADING. MAINTAIN 1.5% MINIMUM FLOW IN ALL PLANTER AREAS.

PLANTING LEGEND NOTES

- ALL STREET TREES ARE TO BE PLANTED PER DETAIL A/L-3.
 ALL SHRUBS & GROUNDCOVERS ARE TO BE PLANTED PER B,C/L-3.
- CONTRACTOR IS TO PROVIDE AN AUTOMATIC IRRIGATION SYSTEM WITH 100% COVERAGE AND SEPARATE SUN/SHADE AND TURF/GROUNDCOVER SYSTEMS. REFER TO IRRIGATION PLANS FOR SPECIFICS OF INSTALLATIONS. CONTRACTOR SHALL NOT DEFOUR FROM ANY OF THE PLANT MATERIAL ON THE LIST UNLESS CONSULTING WITH THE
- LANDSCAPE ARCHIECT INSTALL HEADER AT THE EDGE OF ALL TURF TO SHRUB AREAS. SEE DETAILS FOR MATERIAL. CONTRACTOR BALL INSTALL HEADER AT THE EDGE OF ALL TURF TO SHRUB AREAS. SEE DETAILS FOR MATERIAL. ALL SHRUB AREAS BALMI

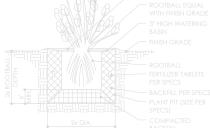
MOLECT SPIALL OF STATEMENT OF ESCALE AND ANY ADJACACY INFORMATION OF CONTROLLING WASTE WILL NOT SECURIFIED TO BE ACCEPTED.

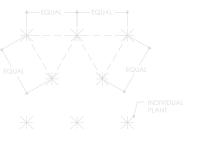
ALL SLOPE AREAS 3: APPLIED MICH.

ON 100 FO EARS 3: APPLIED MICH.

ON 100 FO EARS 3: APPLIED MICH.

ON TOP OF ANY APPLIED MULCH.
ALL PLANT MATERIAL, COLOR, SUE AND QUANTITIES ARE TO BE VERIFIED WITH OWNER.
ALL CITY STREET TREES TO BE 24° BOX, HAVE A CALIPER AT SOIL LEVEL OF 1.5 INCHES, AND BE ABOUT 8 FEET TALL ONCE





C GROUNDCOVER SPACING

SANTA **CLARA** CIVIC RELO

> 381829 1180 RICHARD AVENUE, SANTA CLARA, CA 95050





PRELIMINARY: NOT FOR CONSTRUCTION

KEVIN R. SORENSEN

ISSUE STATUS

Δ	DATE	DESCRIPTION	REV.
		CSR RED LINES	C.C.
	04/24/18		C.C.
	05/10/18		D.L.
	10/22/19		C.C.
	12/13/19	CLIENT REV	D.G.
	01/21/20	CLIENT REV	D.G.
DΒ	A MAIN DV		

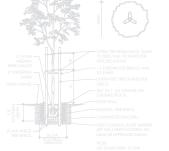
CHECKED BY:

APPROVED BY:

SHEET TITLE: PLANTING NOTES & DETAILS SHEET NUMBER:

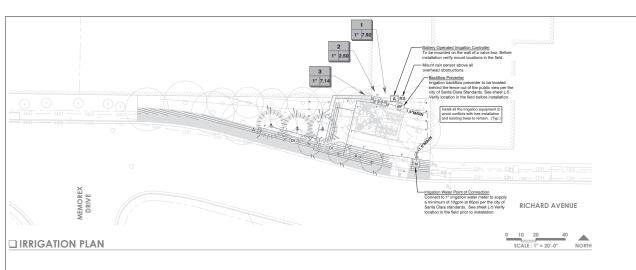
L-2





A TREE PLANTING WITH ROOT BARRIER

B SHRUB PLANTING





*The quantities shown in the legend sheets shall not be used for bidding purposes. The contractor will be responsible for conducting a comprehensive materials takend to determine the actual quantities of material necessary to execute the work described in the documents.

Appendix B - Water Efficient Lardscape Work sheet

Project:	Santa Clara	Civic Relocation					
/Planting Description a	Flant Factor (PF)	Nethod b	Efficiency (IE)c	ETAF (PF/IE)	(sq, ft,)	Area	Water Use (ETWU) e
Regular Landscape An	eas		-				
Very Low	0.1	drip	0.81	0.12			
Low	0.2	drip	0.81	0.25	1,136.00	280.49	7,877.9
Medium	0.5	drip	0.81	0.62	77.00	47.53	1,334.9
High	0.8	drip	0.81	0.99			
Non-Irrigated	0.0	n/a	100	0.00			
				Totals	1,213.00	328.02	9,212.9
Special Landscape Are	95						
Turf				1			
				Totals			
						ETWU Total	9,212.9
Maximum Allowed W	ster Allemanes	(REALES)					15,330.7

rage ETAE for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-

All Landscape Areas	
Total ETAF x Area (B+D)	3
Total Area (A+C)	1,2
Situacida ETAE (BaD) a (AaC)	

Total ETAF x Area (B)	328.02
Total Area (A)	1,213,00

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PRECIP	
1	Rain Bird XCZ-100-PRF	1"	Area for Dripline	7.92	13.6	37.14	1.45 in/h	
2	Rain Bird XCZ-LF-100-PRF	1"	Bubbler	2.50	18.2	37.78	1.70 in/h	
3	Rain Bird XCZ-100-PRF	1"	Area for Dripline	7.14	22.9	36.56	1.44 in/h	
	Common Wire				75.5			

IRRIGATION NOTES

- The plans and drawings are diagrammatic of the work to be performed, some components may be shown outside the work area for clarify. The work shall be executed in a manner to avoid conflicts with utilities and other elements of construction, including landscape materials. All devidence from the plans shall be approved by the owner's representative.
- show sets of cately, the work sets of execution is name that the special policy in the contractor set of cately in the contractor set of cately in the contractor sets of cately sets of the contractor sets of

- plans.

 11. Inrigation contractor shall adjust all sprinklers to avoid over spray orto impenious areas.

 12. All materials and explanment shown shall be new and installed as shown on the plans. If the drawings do not thoroughly describe the techniques to be used, fine installer shall follow the installation methods and instructions recommended by the product manufacturer.

 13. The location of the irrigation mainline shall be identified in the field and approved by the owner's representative before
- nstallation.

 14. Contractor is to submit product specification sheets for all irrigation equipment to be used for approval by the

- 14. Contractor is to submit product specification sheets for all irrigation equipment to be used for approval by the maleracepa architect prior to installation.
 Interest of the contractor is the contractor of the contractor.
 The contractor will be responsible for conducting a comprehensive materials takeoff to othermine the actual quantities of material reseasany to execute the work described in the documents.
 16. All tendines shall be basefulled with eight and other five members.
 16. All built documents are to be provided to the contractor of the con
- operations.

 20. A mainline pressure test is to be conducted before backfilling. All findings are to be reported to the landscape architect within twenty four hours post thet.

 21. These plans comply with the criteria of the Water Efficient Landscape Ordinance and applied them for the efficient use of water in the landscape design plan.



SANTA CLARA CIVIC RELO

381829 1180 RICHARD AVENUE, SANTA CLARA, CA 95050

Streamline Engineering

PRELIMINARY: NOT FOR CONSTRUCTION

KEVIN R. SORENSEN

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	1220E	. STATU:	>
Δ	DATE	DESCRIPTION	REV.
	03/17/18	CSR RED LINES	C.C.
	04/24/18	CLIENT REV	C.C.
	05/10/18	ZD 100%	D.L.
	10/22/19	CLIENT REV	C.C.
	12/13/19	CLIENT REV	D.G.
	01/21/20	CLIENT REV	D.G.

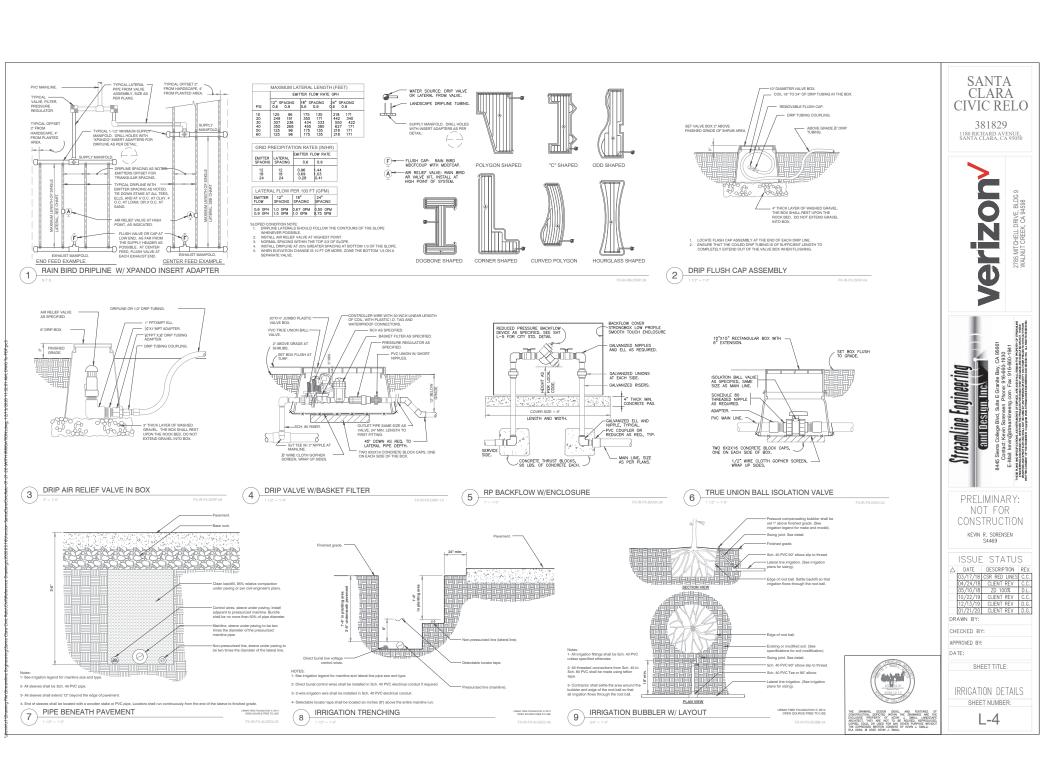
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APPROVED BY:

SHEET TITLE:

IRRIGATION PLAN LEGEND & NOTES SHEET NUMBER:

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381829 1180 RICHARD AVENUE, SANTA CLARA, CA 95050

Streamline Engineering

PRELIMINARY: NOT FOR CONSTRUCTION

KEVIN R. SORENSEN S4469

ISSUE STATUS

DRAWN BY: CHECKED BY:

APPROVED BY:

SHEET TITLE: CIVIL

NOTES & DETAILS SHEET NUMBER:

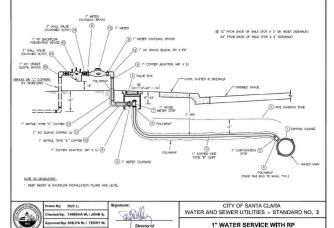
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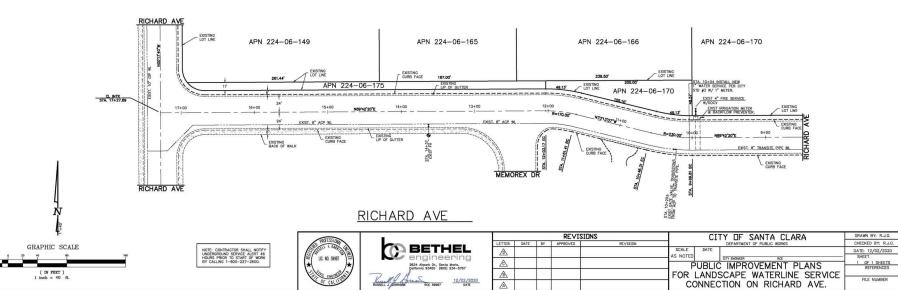
City of Santa Clara – Water and Sewer Utilities Standard No. 3 - 1" Water Service with RP – Material List

16. 1" 90 Degree Elbow

11/07/17 Revised Date

Material	Description	Manufacturer	Model
1. Tapping Saddle	For PVC C900, bronze saddle, specified pipe size x 1" AWWA/CC Tap	Ford	202BS
	For ductile iron, east iron, ACP: single strap	Ford	101B
	bronze, specified pipe size x 1" AWWA/CC Tap	Mueller	BRIB
2. Corporation Stop	1" AWWA/CC thread inlet x compression	Mueller	B-25008N
	outlet	Ford	FB-1000-4-G-NL
	poration stops, use Mueller N-35008 insulated co	orp ball valve	
3. Copper Tubing	1" ASTM BSS, type K soft rolled tubing		
4. Polywrap	Blue. S mil low density or 4 mil high density polyethylene film installed per AWWA C105. Tape the end to main.		
5. Pipe Marking Tape	Blue. 3" wide, 4 mil, non-detectable.		
6. Valve Box with Lid	Lid marked "Water" or "Water Meter"	Christy	G5 with lid marked "Water
7. Angle Meter Stop	1" Compression inlet x FIP outlet.	Ford	BA41-444 W-G-NL
		Mueller	B-24258N
8. Meter Coupling	1" Brass. Include gaskets.	Ford	B11-444 W
		Mueller	H-10871N
9. 1" Copper Adapter	MIP x sweat joint (SJ)		
10. 1" Nipple	Type L rigid copper tubing; riser length to suit		
11. 1" 90 Degree Elbow	Copper sweat joint		
12. 1" 90 Degree Elbow	Brass, FIP x FIP		
 Water Meter & Register (manufacturer's test results are to be submitted with all meters). 	Provide Elster transmitter compatible encoded register with Nicor connector. All registers to be facing inlet and provide cubic feet reading.		
	1" meter and register.	Badger	E-SERIES
		Sensus	SR II
14. 1" Ball Valve	supplied with RP		
15. 1" RP with Backflow Device	3 - 1/4" Standard pipe thread.	Wilkins	975XL (no lead)





12/02/2020 DATE