

### SHEET NOTES

#### SUMMARY OF TREE PROTECTION AND REMOVAL

- 232 TREES TO PROTECT IN PLACE89 TREES TO REMOVE
- 7 TREES TO REMOVE FOR REUSE
- 12 TREES TO TRANSPLANT (RELOCATE) ON SITE

1. CONTRACTOR TO ENSURE PROTECTION OF EXISTING TREES ADJACENT TO WORK BOUNDARY. 2. REFER TO SHEET 1-L0.0.0 REFERENCING ARBORIST REPORT.

#### LEGEND

- LIMIT OF WORK
- MATCH LINE / SHEET BOUNDARY
- TREE TO REMAIN IN PLACE, SEE TREE PROTECTION NOTES
- TREE TO BE REMOVED DUE TO CONSTRUCTION OR HEALTH
- TREE TO BE TRANSPLANTED ON SITE (SHOWN AT ORIGINAL LOCATION) SEE TREE TRANSPLANT NOTES. FOR TRANSPLANT LOCATION, SEE TRANSPLANT TREE PLAN 1-L4.0.3.
- TREE TO BE REMOVED AND SALVAGED FOR REUSE
- -MINIMUM TREE PROTECTION ZONE (TPZ IS 25' FROM TRUNK PER ARBORIST, SEE NOTES)

### **PROTECTED TREES & REPLACEMENTS**

- 1. "PROTECTED TREES" = ANY SINGLE TRUNK TREE 38 INCHES OR GREATER IN CIRCUMFERENCE OR 12 INCHES OR GREATER IN DIAMETER TOTAL NUMBER OF PROTECTED TREES ASSESSED BY HORTSCIENCE IN 2017 IS 408. QTY DOES NOT INCLUDE TREES TO BE RELOCATED ON SITE
- PROTECTED TREE REMOVAL 35 TREES PROTECTED TREE TO BE REMOVED DUE TO CONSTRUCTION OR HEALTH 7 TREES PROTECTED TREE TO BE REMOVED AND SALVAGED FOR REUSE TOTAL REMOVAL 42 PROTECTED TREES
- PROTECTED TREE REPLACEMENT

			190 NEW TREES
			TOTAL REPLACEMENT
	54	N/A	141 - 24-48" BOX TREES
R	QTY REMOVED	REQUIRED REPLACEMENT	REPLACEMENT PROPOSED
DTECTED TREE REPLACEMENT			
	11	1 - 48" BOX TREE, OR 2 - 36" BOX TREES, OR 4 - 24" BOX TREES	11 - 48" BOX TREES
	7	1 - 36" BOX TREE OR 2 - 24" BOX TREES	14 - 24" BOX TREES
	24	1 - 24" BOX TREE OR 3-15" GAL	24 - 24" BOX TREES
R	QTY REMOVED	REQUIRED REPLACEMENT	REPLACEMENT PROPOSED

ED TREE SPECIES (FOR FULL EX. TREE LIST, SEE HORTSCIENCE 2017)				
	NUMBER PROTECT	PROTECTED REMOVED		
EDWOOD (RED) empervirens	108	10		
SLAND PINE (PI) ariensis	71	9		
AK (HO) əx	51	5		
JM (SG) ar styraciflua	32	7		
RN MAGNOLIA (MAG) ar styraciflua	12	7		
NG CHERRY (CHER) rrulata 'Kwanzan'	14	3		
E (POD) s falcatus	15	1		



**PUBLIC WORKS PROJECT # PR-19-06** 

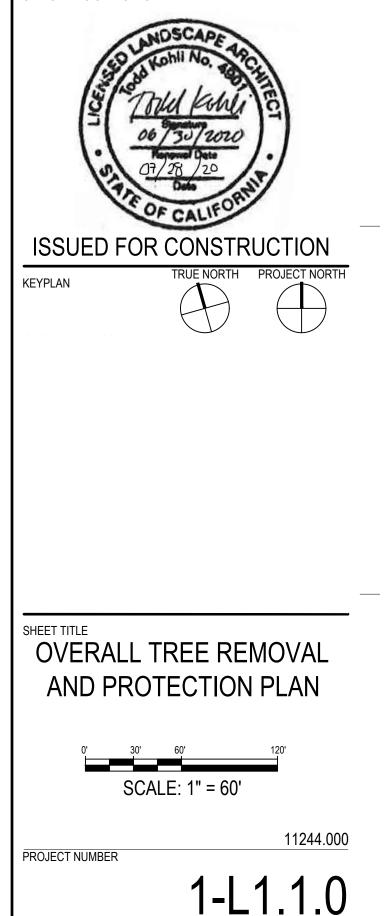
## **SMITHGROUP**

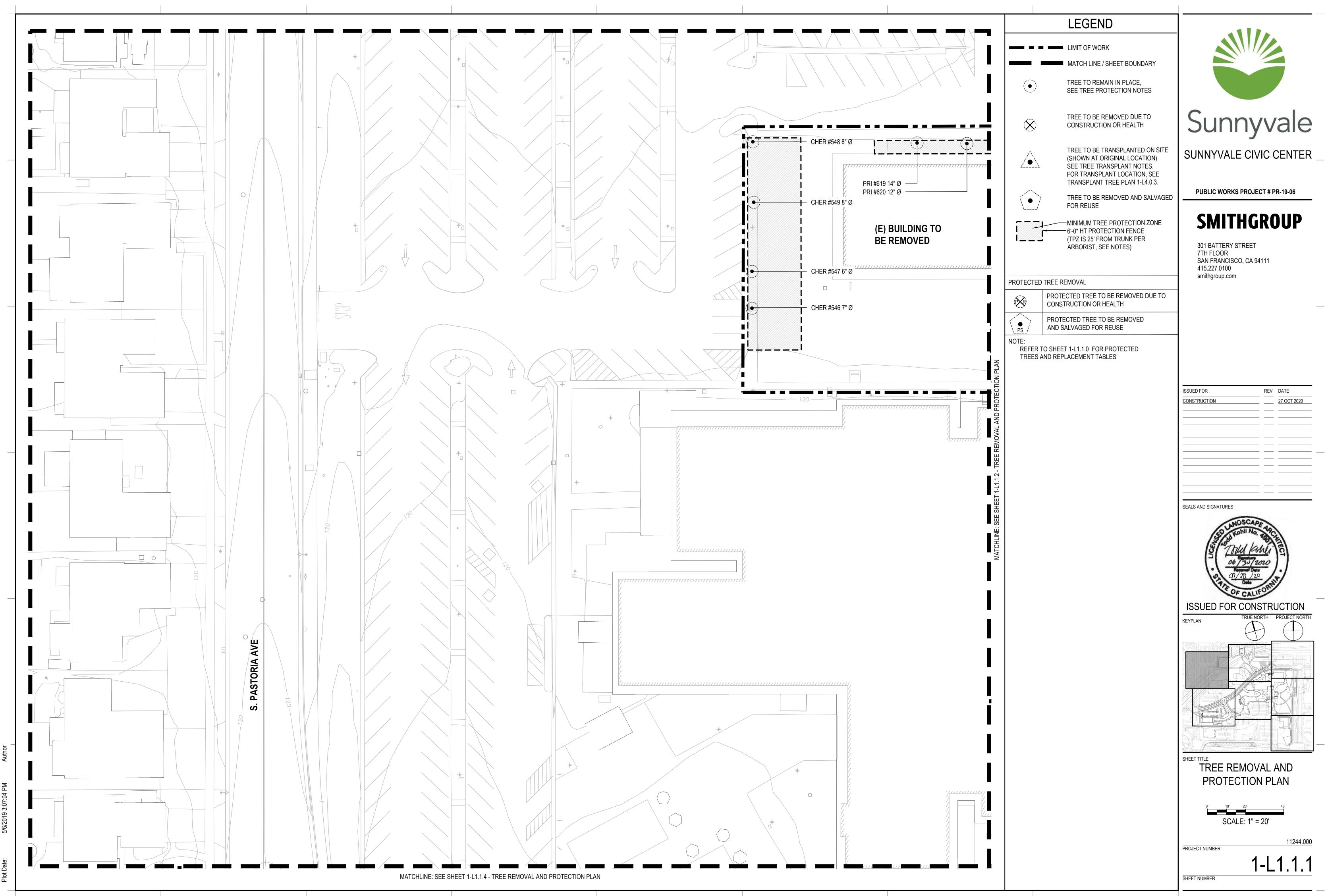
301 BATTERY STREET 7TH FLOOR SAN FRANCISCO, CA 94111 415.227.0100 smithgroup.com

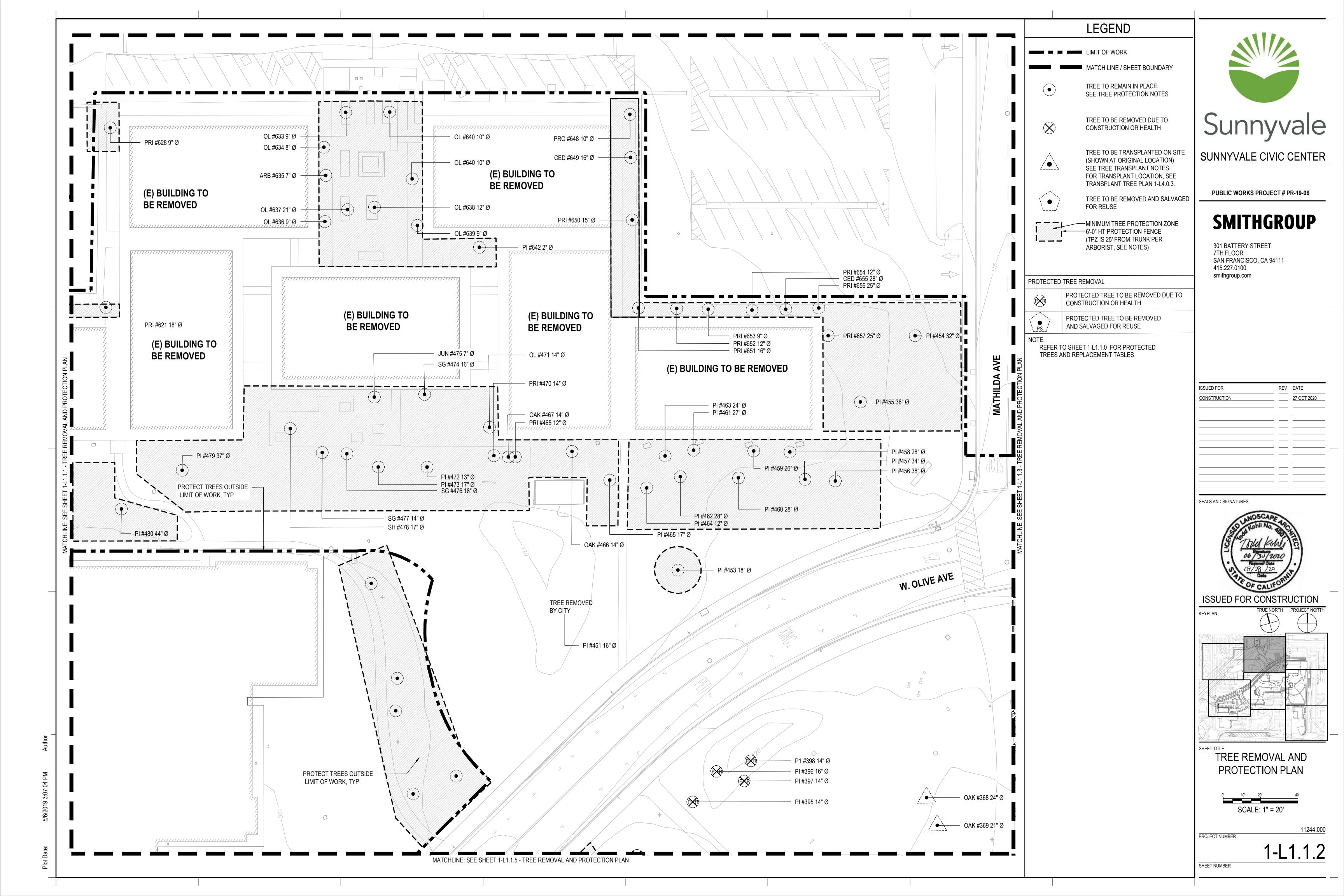
ISSUED FOR	REV	DATE
CONSTRUCTION		27 OCT 2020

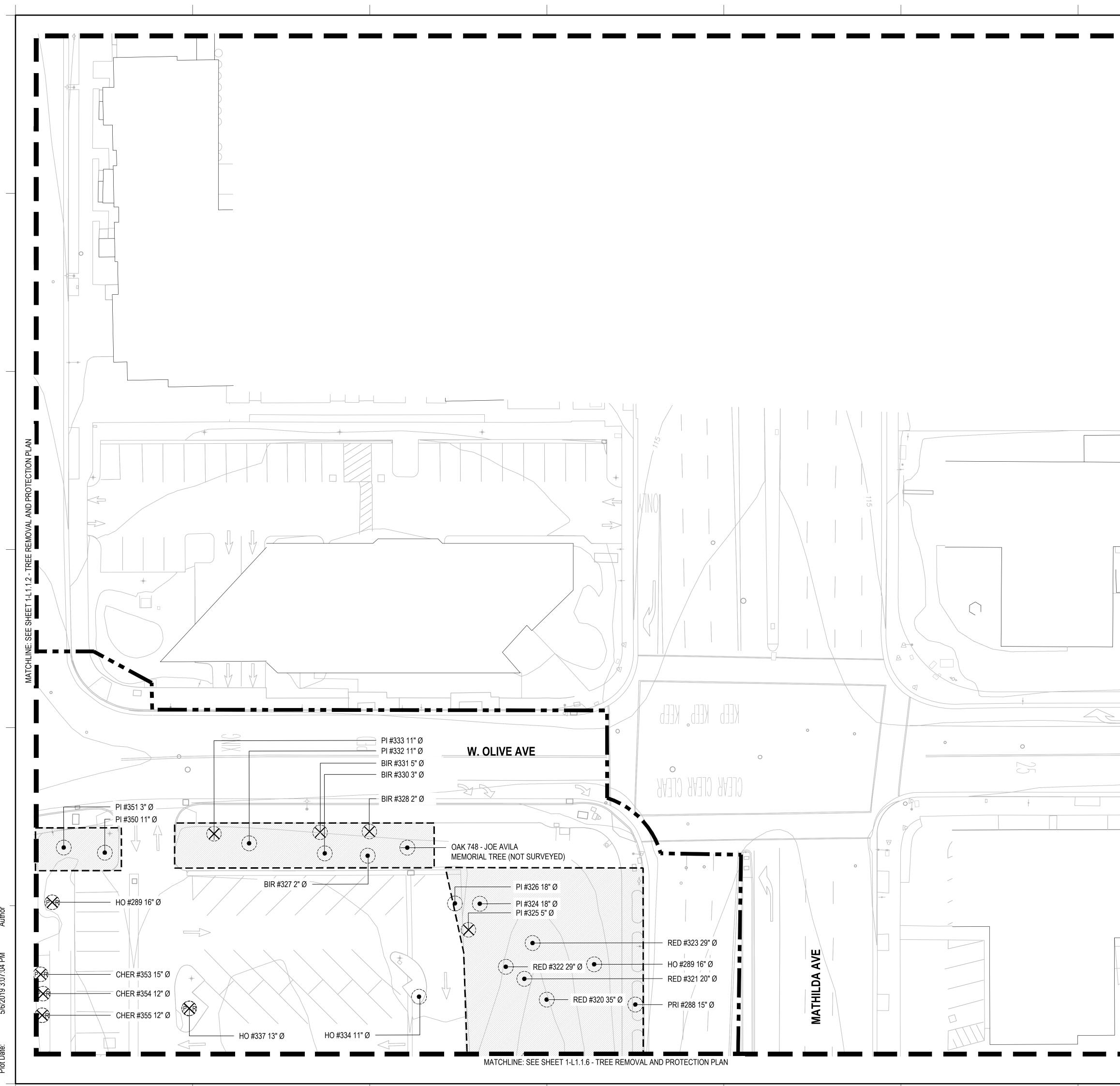
SEALS AND SIGNATURES

SHEET NUMBER

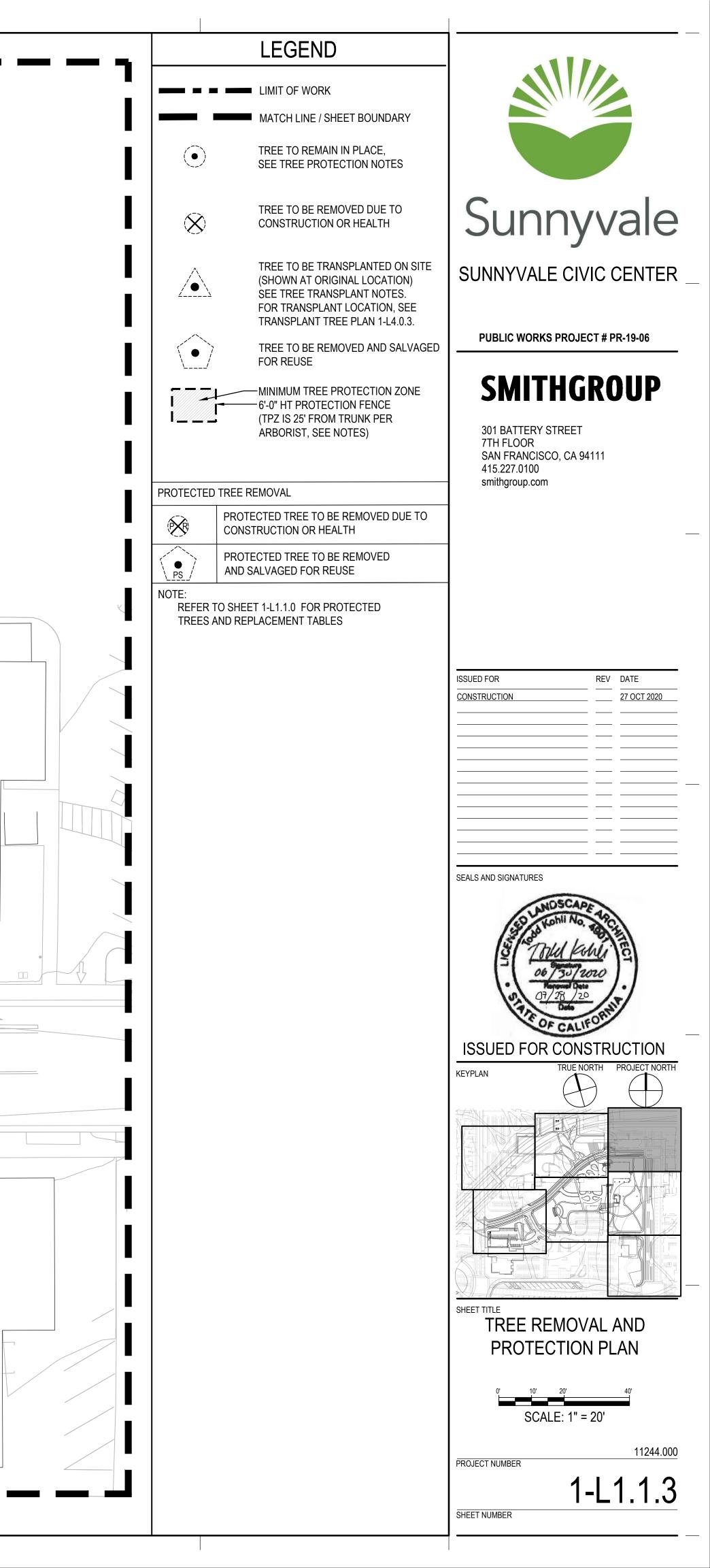


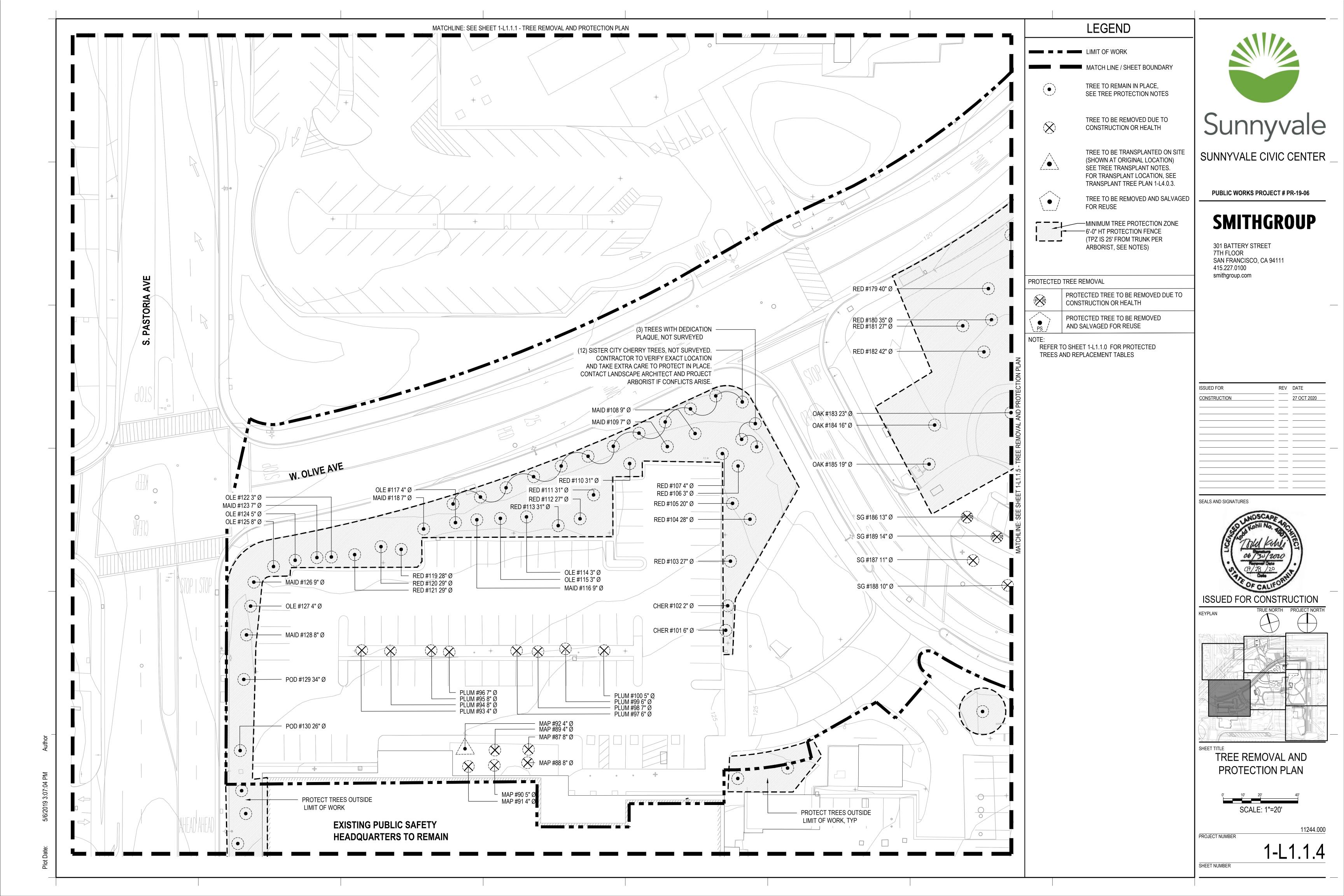


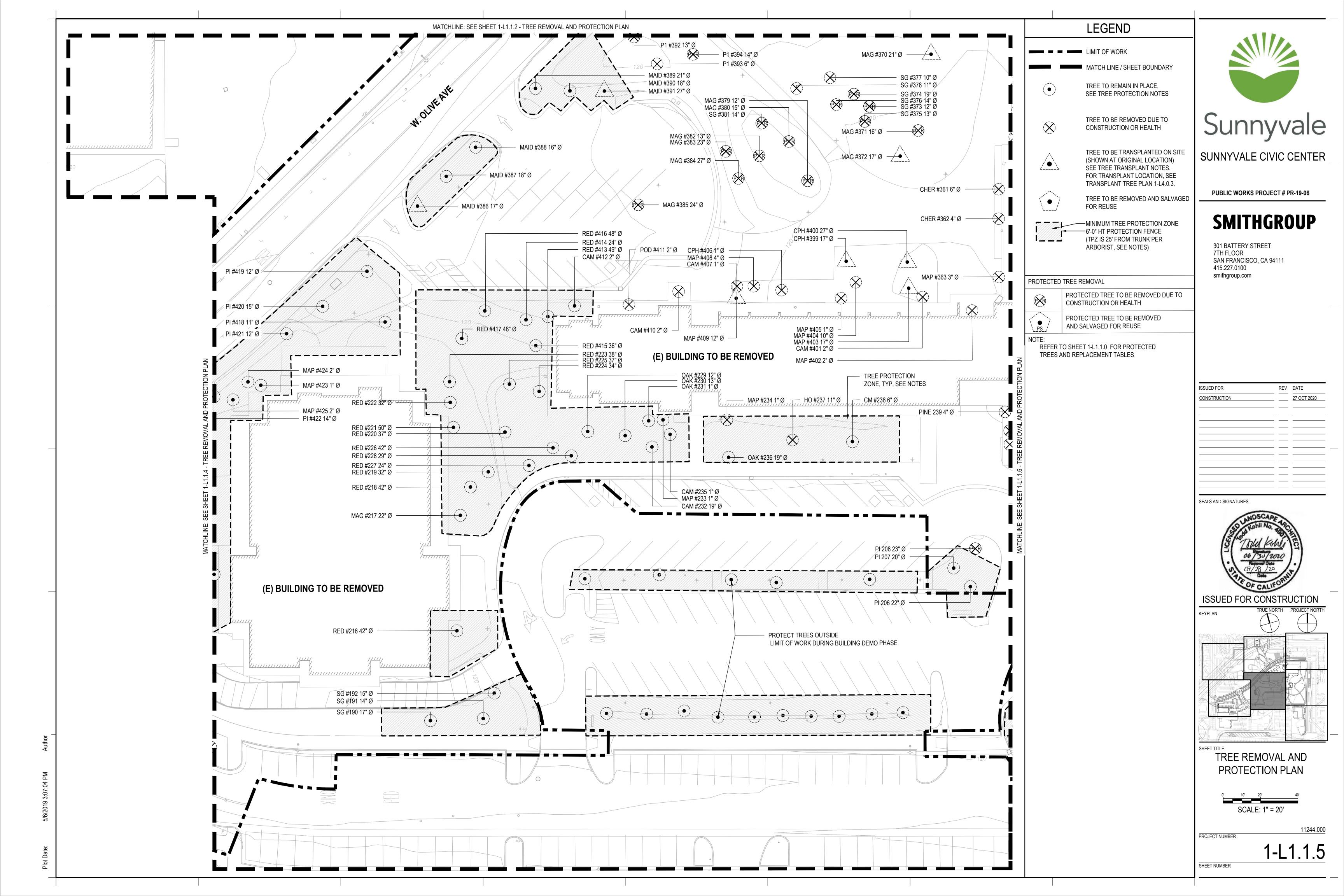


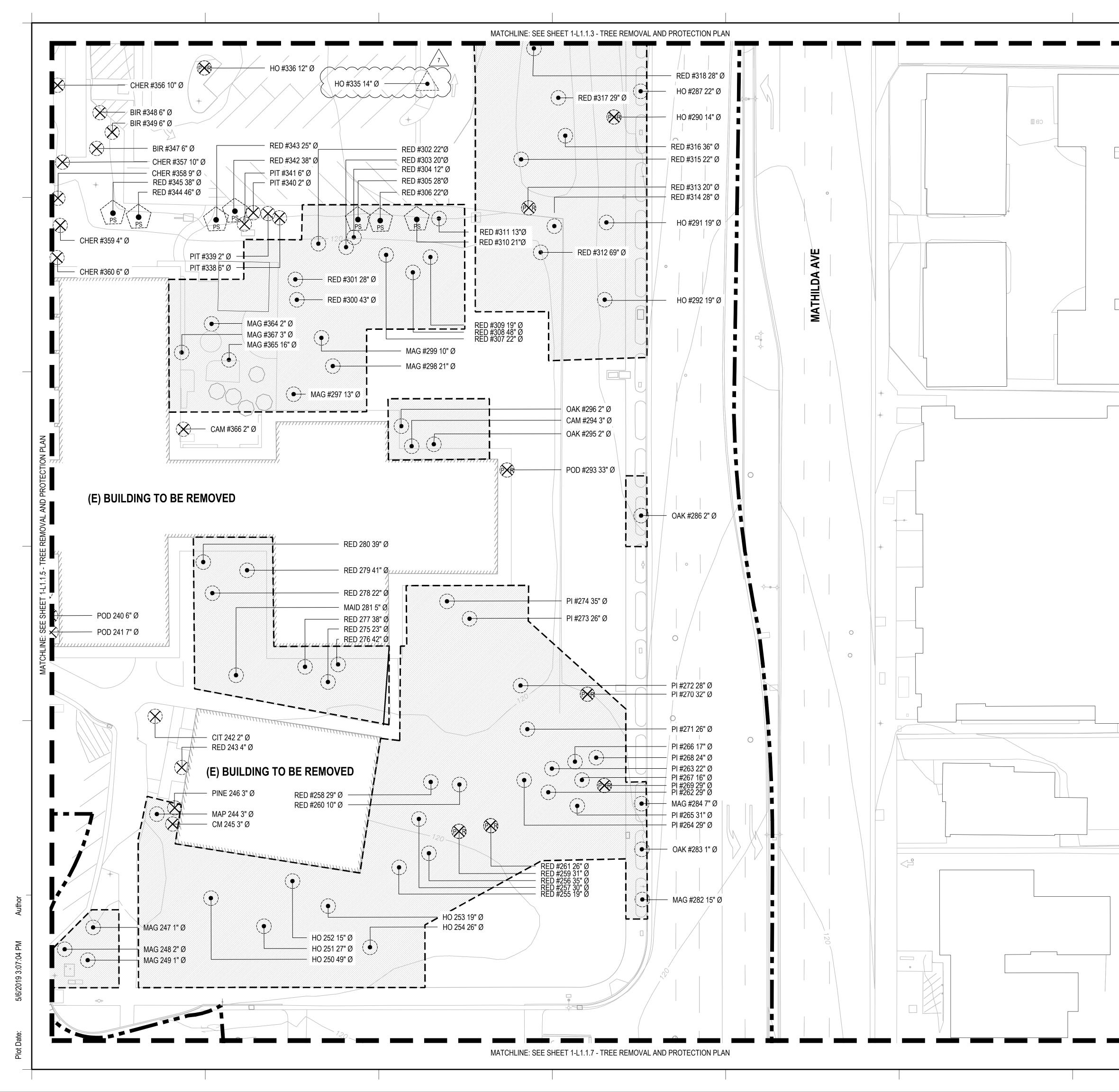


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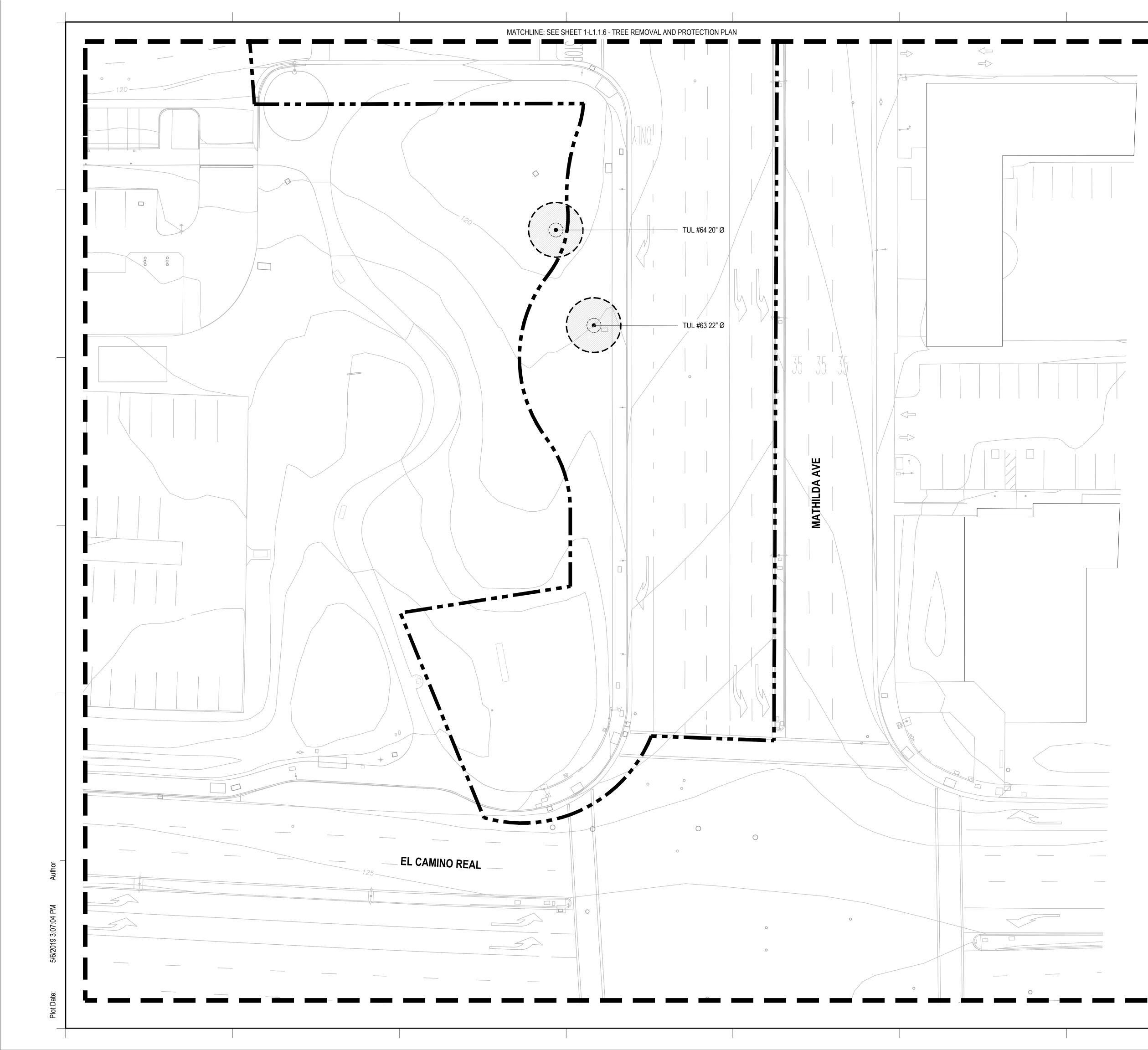




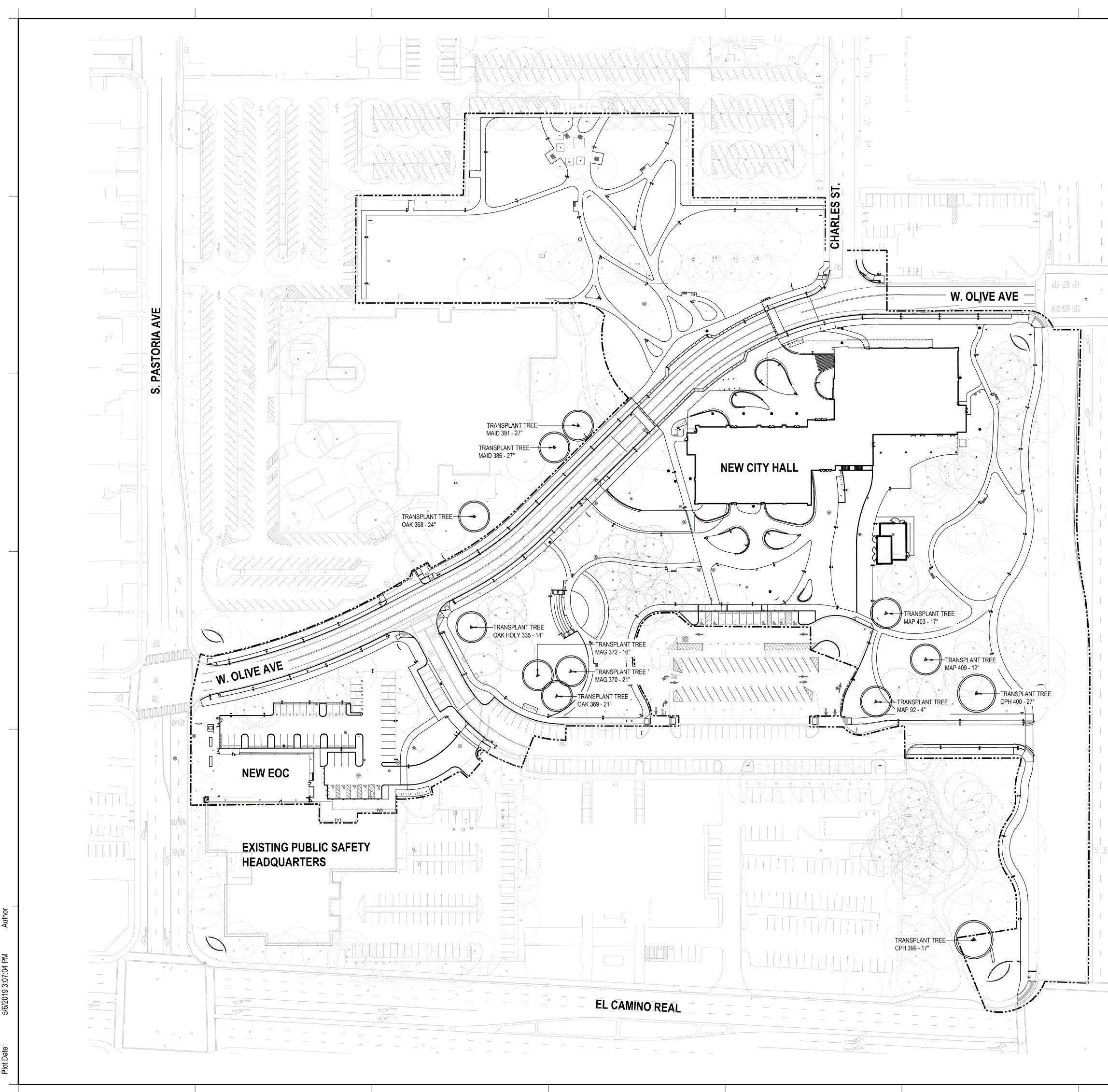




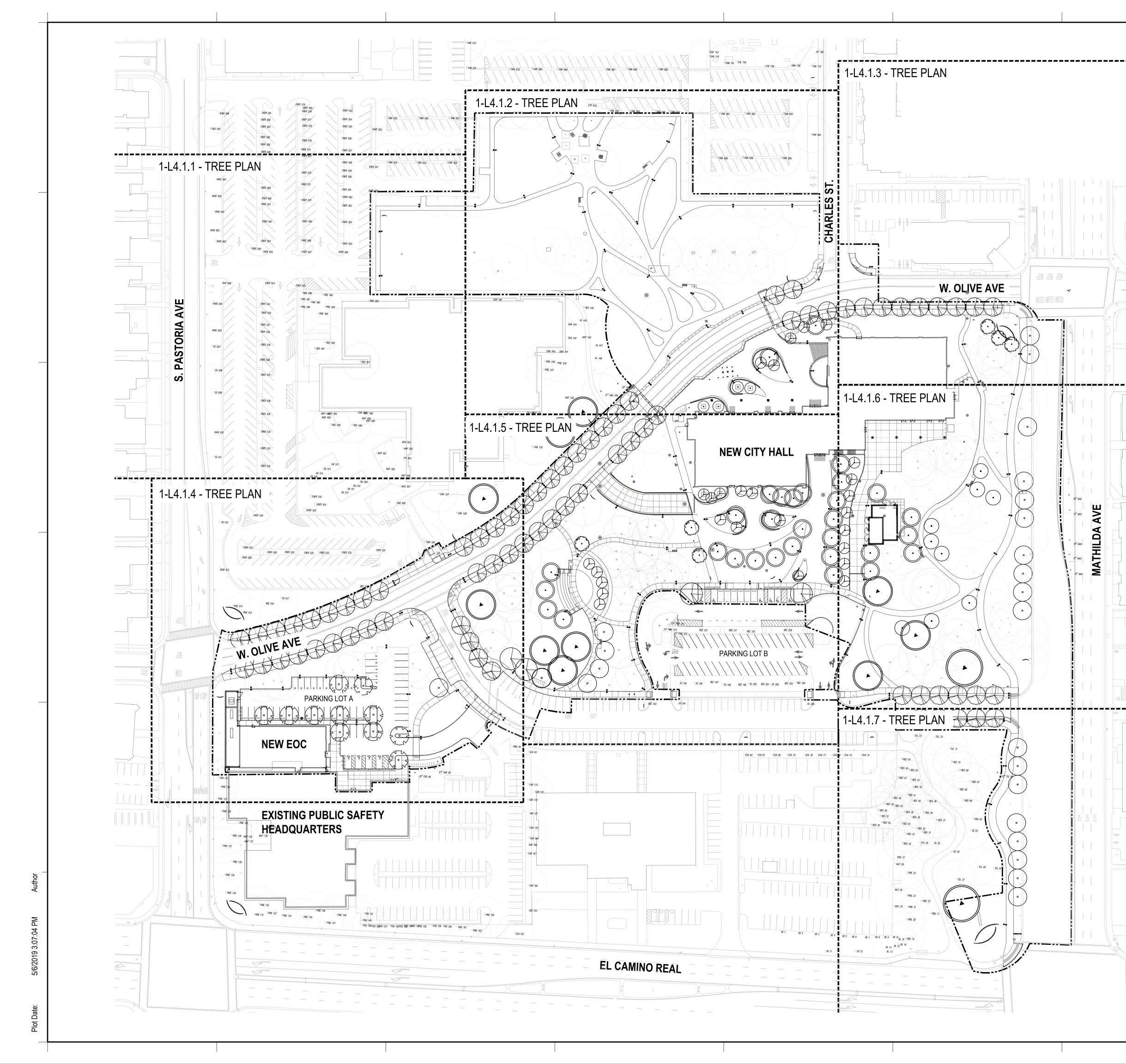
	LEGEND	
	LIMIT OF WORK	
-	MATCH LINE / SHEET BOUNDARY	
$\textcircled{\bullet}$	TREE TO REMAIN IN PLACE, SEE TREE PROTECTION NOTES	
$\bigotimes$	TREE TO BE REMOVED DUE TO CONSTRUCTION OR HEALTH	Sunnyvale
	TREE TO BE TRANSPLANTED ON SITE (SHOWN AT ORIGINAL LOCATION) SEE TREE TRANSPLANT NOTES. FOR TRANSPLANT LOCATION, SEE TRANSPLANT TREE PLAN 1-L4.0.3.	SUNNYVALE CIVIC CENTER
$\langle \bullet \rangle$	TREE TO BE REMOVED AND SALVAGED	PUBLIC WORKS PROJECT # PR-19-06
	FOR REUSE	SMITHGROUP
	6'-0" HT PROTECTION FENCE (TPZ IS 25' FROM TRUNK PER ARBORIST, SEE NOTES)	301 BATTERY STREET 7TH FLOOR SAN FRANCISCO, CA 94111 415.227.0100
PROTECTED T	REE REMOVAL	smithgroup.com
	PROTECTED TREE TO BE REMOVED DUE TO CONSTRUCTION OR HEALTH	
	PROTECTED TREE TO BE REMOVED	
<u>\_ps_/</u> NOTE:	AND SALVAGED FOR REUSE	
REFER TO	O SHEET 1-L1.1.0 FOR PROTECTED ID REPLACEMENT TABLES	
		ISSUED FOR REV DATE
		CONSTRUCTION         27 OCT 2020
		SEALS AND SIGNATURES
		ISSUED FOR CONSTRUCTION
		KEYPLAN TRUE NORTH PROJECT NORTH
		SHEET TITLE TREE REMOVAL AND PROTECTION PLAN
		0' 10' 20' 40' SCALE: 1" = 20'
		РКОЈЕСТ NUMBER <b>1-L1.1.6</b> SHEET NUMBER



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━	LEGEND	
: — ·	MATCH LINE / SHEET BOUNDARY	
	TREE TO REMAIN IN PLACE, SEE TREE PROTECTION NOTES	
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	TREE TO BE REMOVED AND SALVAGED FOR REUSE	PUBLIC WORKS PROJECT # PR-19-06
	MINIMUM TREE PROTECTION ZONE 6'-0" HT PROTECTION FENCE (TPZ IS 25' FROM TRUNK PER ARBORIST, SEE NOTES)	SMITHGROUP 301 BATTERY STREET 7TH FLOOR SAN FRANCISCO, CA 94111 415.227.0100 smithgroup.com
PROTECTED	TREE REMOVAL PROTECTED TREE TO BE REMOVED DUE TO	
	CONSTRUCTION OR HEALTH	
	PROTECTED TREE TO BE REMOVED AND SALVAGED FOR REUSE	
	IND REPLACEMENT TABLES	ISSUED FOR CONSTRUCTION REV DATE 27 OCT 2020 27 OCT 2



	SHEET NOTES	
	1. TRANSPLANT TREES ARE SHOWN IN THE APPROXIMATE FINAL LOCATION THEY WILL BE TRANSPLANTED TO. PER ABORIST, SOIL TESTS SHOULD BE PERFORMED BY CONTRACTOR TO ASSESS SITE CONDITIONS. CONTRACTOR TO VERIFY LOCATION IS FREE OF OBSTRUCTIONS AND IS SUITABLE FOR TRANSPLANTING.	
	2. LANDSCAPE CONTRACT TO TRANSPLANT CAMPHOR #399 AND #400 AS PART OF THE INITIAL PHASE OF CONSTRUCTION AND TRANSPLANT TO IDENTIFIED LOCATION. ARBORIST AND LANDSCAPE ARCHITECT TO BE ON SITE THE DAY OF THIS ACTIVITY. REFER TO ARBORIST AND LANDSCAPE NARRATIVE. REFER TO TRANSPLANTING TREE NOTES AND SPEC FROM ARBORIST FOR MORE INFORMATION.	Sunnyvale civic center
	3. TREES ARE TO BE LIFTED, TRANSPORTED, AND INSTALLED ON THE SAME DAY	SUMMIVALE CIVIC CENTER
	4. TRANSPLANT TREES [#369,#370,#371,#403,#409] NOT BEING TRANSPLANTED IMMEDIATELY WILL BE DUG UP AND BOXED, AND PLACED ON SITE IN A TEMPORARY LOCATION TO BE DETERMINED. CONTRACTOR TO COORDINATE WITH THE CITY OF SUNNYVALE THE LOCATION AND SOURCE OF PERMANENT IRRIGATION.	PUBLIC WORKS PROJECT # PR-19-06
· · · · · · · · · · · · · · · · · · ·	<ol> <li>LANDSCAPE CONTRACTOR TO WATER WITH PERMANENT IRRIGATION SYSTEM AND KEEP TREES HEALTHY UNTIL TIME OF TRANSPLANTING INTO THEIR FINAL LOCATION. REFER TO ARBORIST NARRATIVE AND TRANSPLANTING TREE NOTES AND SPECIFICATION.</li> </ol>	301 BATTERY STREET 7TH FLOOR SAN FRANCISCO, CA 94111 415.227.0100 smithgroup.com
	6. REFER TO TREE REMOVAL AND PROTECTION PLANS FOR EXISTING LOCATION OF TREES TO BE TRANSPLANTED. PLANS LOCATED ON SHEETS 1-L1.1.0 THRU 1-L1.1.7	
	LEGEND	
	MATCH LINE / SHEET BOUNDARY	ISSUED FOR REV DATE
AVE	EXISTING TREE	
	TRANSPLANT TREE [12 TOTAL]	
		SEALS AND SIGNATURES
		SHEET TITLE TRANSPLANT TREE PLAN $\underbrace{\overset{0}{\underbrace{30'}} \underbrace{60'}{\underbrace{120'}} \\ CALE: 1" = 60' \\ 11244.000 \\ PROJECT NUMBER \\ L-L4.0.1 \\ SHEET NUMBER \\ \end{tabular}$



TREE SHADE ANALYSIS         PUBLIC WOR           PER OGBISC 5.106.12         BUBCACE PARKOS LOT AREAS         BUBCACE PARKOS LOT AREAS           PARKING LOT A         BUBCACE PARKOS LOT AREAS         BUBCACE PARKOS LOT AREAS           PARKING LOT A         BUBCACE PARKOS LOT AREAS         BUBCACE PARKOS LOT AREAS           PARKING LOT B         BUBCACE PARKOS LOT AREAS         BUBCACE PARKOS LOT AREAS         BUBCACE PARKOS LOT AREAS           PARKING LOT B         BUBCACE PARKOS LOT B         SUB SATURAS         BUBCACE PARKOS LOT B         SUB SATURAS           PARKING LOT B         BUBCACE PARKOS LOT B         SUB SATURAS         SUB SATURAS         SUB SATURAS           PARKING LOT B         BUBCACE PARKOS LOT B         SUB SATURAS         SUB SATURAS         SUB SATURAS           PARKING LOT B         BUBCACE PARKOS LOT SATURAS         SUB SATURAS         SUB SATURAS         SUB SATURAS           IANDESCAPE AREAS         INFORMATING SUB SATURAS         SUB SATURAS         SUB SATURAS         SUB SATURAS           IANDESCAPE AREAS         INFORMATING SUB SATURAS         SUB SATURAS         SUB SATURAS         SUB SATURAS         SUB SATURAS           IANDESCAPE AREAS         INFORMATING SUB SATURAS				
LIST OF PROPOSED THEES     See TRANSMITTEE FAMILIAOL FOR     TRANSMITTEE ANALYOL FOR     TRANSMITTEE TRANSMITTEE LOATED WITHIN THE LIMIT     OF WORK, SEE TEEP FLEXAMEN, AND FOREFOLD      PLANS ON SHEETS 1-11:0 THEN 1-11:7.      TREE SHADE ANALYSIS      PER COSES 5 103:2      SUNNYVAL      TREE SHADE ANALYSIS      PER COSES 5 103:2      SUNNYVAL      PLANS ON SHEETS 1-11:0 THEN 1-11:7.      MORECOMENT, THE SEE THE FLEXAMENT AND FOREFOLD      PLANS ON SHEETS 1-11:0 THEN 1-11:7.      SUNNYVAL      PLANS ON SHEETS 1-11:0 THEN 1-11:7.      MORECOMENT, THE SEE THE FLEXAMENT      MORECOMENT, THE SEE THE SE		SHEET	NOTES	
PER COBSC 5.106.12]           SUPEACE PARKING LOTA ACAS           PARKING LOTA		<ol> <li>LIST OF PROPOSED TREES</li> <li>SEE TRANSPLANT TREE P TRANSPLANT INFORMATIC</li> <li>EXISTING TREE LOCATION APPROXIMATE.</li> <li>FOR EXISTING TREES LOC OF WORK, SEE TREE REM</li> </ol>	S ILAN 1-L4.0.1 FOR DN. IS SHOWN ARE CATED WITHIN THE LIMIT OVAL AND PROTECTION	SUNNYVAL
PER COBSC 5.106.12]           SUPEACE PARKING LOTA ACAS           PARKING LOTA				_
SURFACE PARKING LOT AREAS         PARINE LOT A         PARINE LOT A         PARINE LOT A         IN DER SURFACE         1074.0 MARCE SURFACE         1074.			PE ANALYSIS	
TABLE         PARENIA LOT A         16.413.5 F         301.BATTERY           TOTAL SINALDE SURFACE         9.217.5 F         301.BATTERY         301.BATTERY           TOTAL SINALDE SURFACE         9.217.5 F         301.BATTERY         301.BATTERY           TOTAL SINALDE SURFACE         9.217.5 F         301.BATTERY         301.BATTERY           TOTAL SINALDES SURFACE         14.903.5 F         301.BATTERY         301.BATTERY           TOTAL SINALDES SURFACE         14.905.5 F         301.BATTERY         301.BATTERY           SINADES DARA 125% NIN         50.2%         301.BATTERY         301.BATTERY           SINADES DARA 125% NIN         52.%		-		CNAIT
Image: Second	0			
Image: Control State Stat	25	PAVED AREA SURFACE	18,413 SF	
Image: Service Jorden, Jan, Min     50%     smithgroup.com       PARKING LOT 8     PARKING LOT 8     PARKING LOT 8       PARKING LOT 8     1001, Land Compared and Compared	I		9,217 SF	SAN FRANCIS
ARKING LOT B         23,641.5F           TOTAL         170.12           TOTAL SHADED SUPFACE         14,933.5F           13.5RDDED SAEL 1955 MIN         50.2%           MARDSCAPE AREAS         0.0015           101.12.5HADED SUPFACE         14,246.5F           101.12.5HADED SUPFACE         147.266.5F           101.12.5HADED SUPFACE         147.266.5F           101.14.5HADED SUPFACE         147.266.5F           101.14.5HADED SUPFACE         147.266.5F           101.14.5HADED SUPFACE         147.301.5F           101.15.5F	-		50%	415.227.0100 smithgroup.com
PAVED AREA SUPERCE         29 641 SF           TOTAL         14 JADED SUPERACE           13, SHADED AREA SUPERACE         14,803 SF           13, SHADED AREA SUPERACE         14,246 SF           1071AL SHADED SUPERACE         14,246 SF           1071AL SHADED AREA COTAL         382,724 SF           1071AL SHADED AREA SUPERACE         187,201 SF           13, SHADED AREA SUPERACE         187,301 SF           13, SHADED AREA SUPERACE         187,200 SE           14,246 SF         19,250 SE           14,246 SF         19,250 SE           15,50 SE         19,250 SE           16,70 SE         19,250 SE	-			
Image: constraint of the second se		PAVED AREA SURFACE	29.641 SF	
1% SHADED AREA [ 50% MN         50.2%           HARDSCAPE AREAS         1           10% SHADED AREA [ 20% MN         3.28           10% SHADED AREA [ 20% MN         3.2%           10% SHADED AREA [ 20% MN         5.2%           10% SHADED AREA [ 20% MN				
AROSCAPE AREAS      PACIDAREA SUPFACE     43,800 SF     TOTAL SHADED SUFFACE     14,246 SF     SHADED AREA 200% MN     32%      LANDSCAPE AREAS      LANDSCAPE AREA     SUFFACE 107     S		% SHADED AREA [ 50% MIN		
Image: Provect of the supervised su	84	REQUIRED]	50.270	
Initial initial strate       42,40,97         Initial initial strate       14,246,95         Initial initial strate       14,246,95         Initial initial strate       14,246,95         Initial initial strate       12%         Initial initial strate       12%         Initial initial strate       12%         Initial initial strate       107,41, 544,000 supervised initial strate         Initial initial strate       107,41, 544,000 supervised initial strate         Initial initial strate       107,41,544,000 supervised initial strate         Initial initial strate       107,414,544,000 supervised initial strate         Initial initial strate       100,414,544,000 supervised initial strate         Initial initial strate       100,414,544,000 supervised initial strate         Initial strate       100,414,544,000 supervised initial strate         Initial strate       100,414,544,000 supervised initial strate         Initial strate       100,414,544,014,0144,014,0144,0144,0144,		HARDSCAPE AREAS		
Image: Strategy surface       14,246 SF         Image: Strategy surface       14,246 SF         Image: Strategy surface       32%         I			43,850 SF	
************************************				ISSUED FOR
Image: second control of the second		% SHADED AREA [ 20% MIN		<u>CONSTRUCTION</u>
LANDSCAPED AREA       302,724 SF         TOTAL SHADED SURFACE       187,301 SF         % SHADED AREA (20% MIN REQUIRED)       52%         SEALS AND SIGNATURES       ISSUED FOR KEYPLAN         SMEET TITLE OVERAL       SMEET TITLE OVERAL         SCALS AND SIGNATURES       ISSUED FOR KEYPLAN				
SURFACE TOTAL 302./24 SP TOTAL SHADED SURFACE 187.301 SF % SHADED AREA (20% MIN 52% SEALS AND SIGNATURES REQUIRED) 52% SEALS AND SIGNATURES ISSUED FOF KEYPLAN SHEET TITLE OVERAL % SC/ PROJECT NUMBER		LANDSCAPE AREAS		
IOTAL SHADED SURFACE       187,301 SF         % SHADED AREA (20% MIN       52%         SEALS AND SIGNATURES       SEALS AND SIGNATURES         ISSUED FOR       ISSUED FOR         KEYPLAN       SHEET TITLE         OVERAL       ISSUED FOR         V       STALE         ISSUED FOR       SHEET TITLE         OVERAL       ISSUED FOR         ISSUED FOR       SHEET TITLE         ISSUED FOR       SHEET TITLE         ISSUED FOR       SHEET TITLE         ISSUED FOR       SHEET TITLE			362,724 SF	<b></b>
REQUIRED) 52.7% SEALS AND SIGNATURES SEALS AND SIGNATURES ISSUED FOF REYPLAN SHEET TILE OVERAL			187,301 SF	
			52%	-
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OVERAL OVERAL OUT OUT OUT OUT OUT OUT OUT OUT				ISSUED FOR
				OVERAL <sup>0' 30'</sup> SCA PROJECT NUMBER



SUNNYVALE CIVIC CENTER

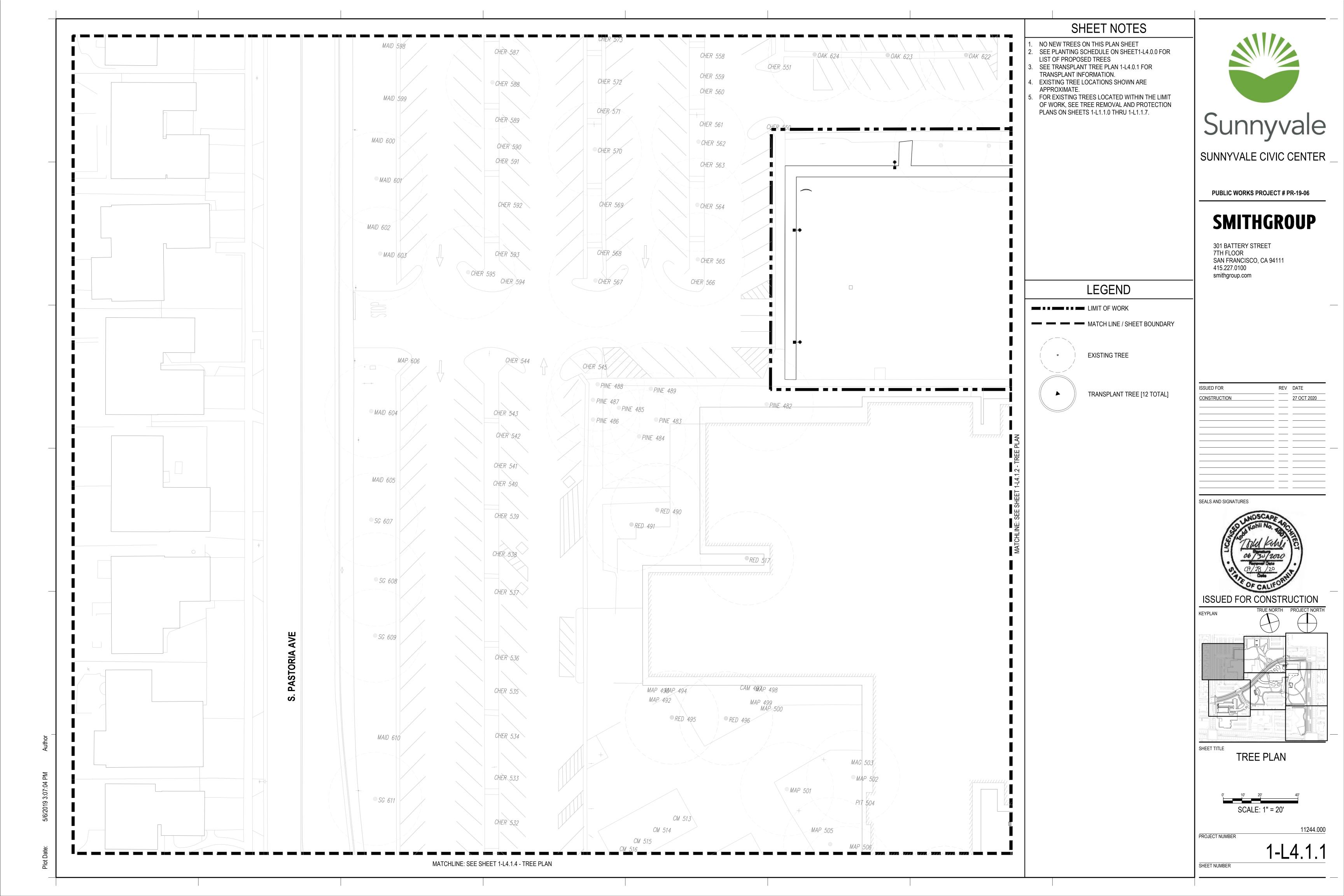
PUBLIC WORKS PROJECT # PR-19-06

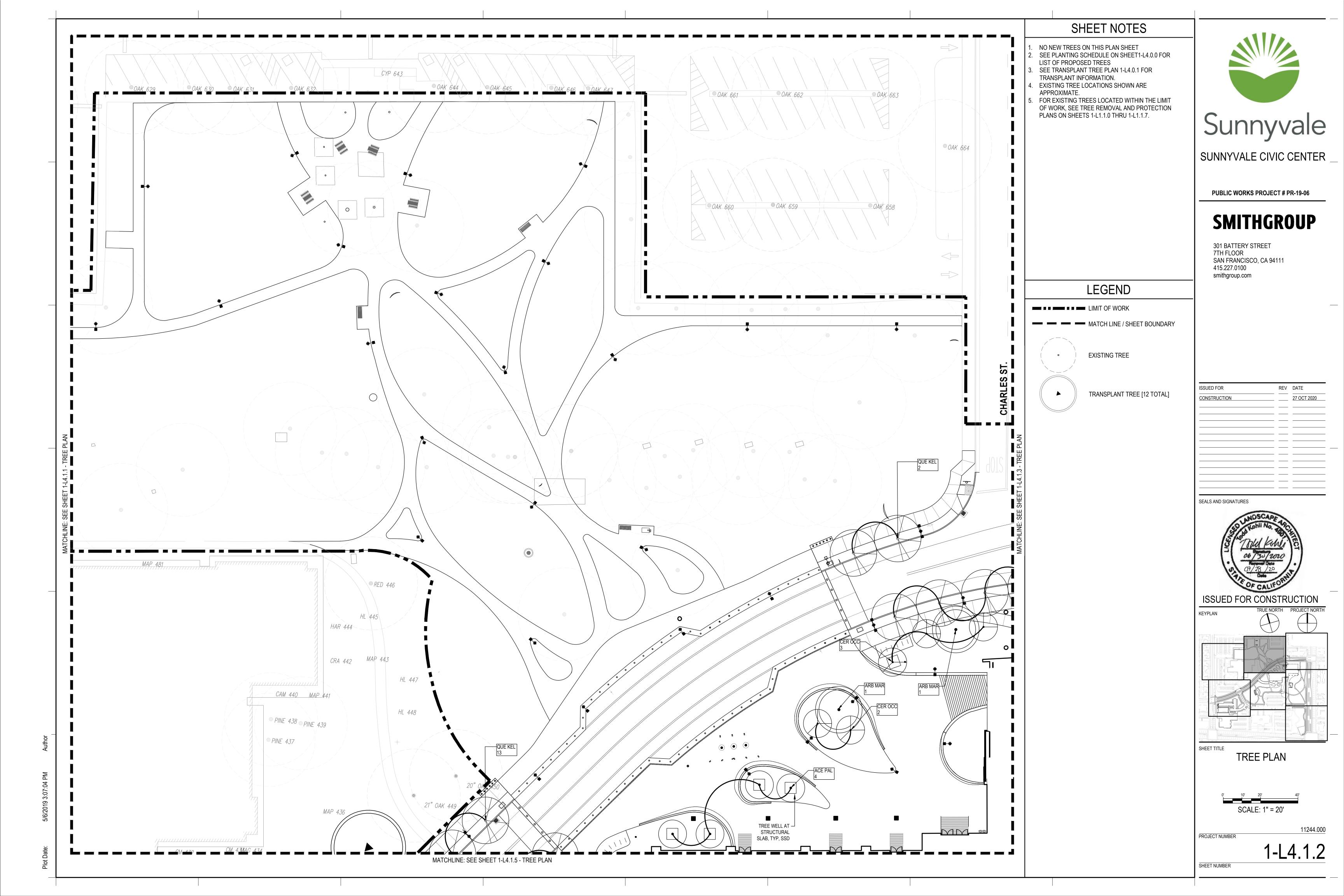
# SMITHGROUP

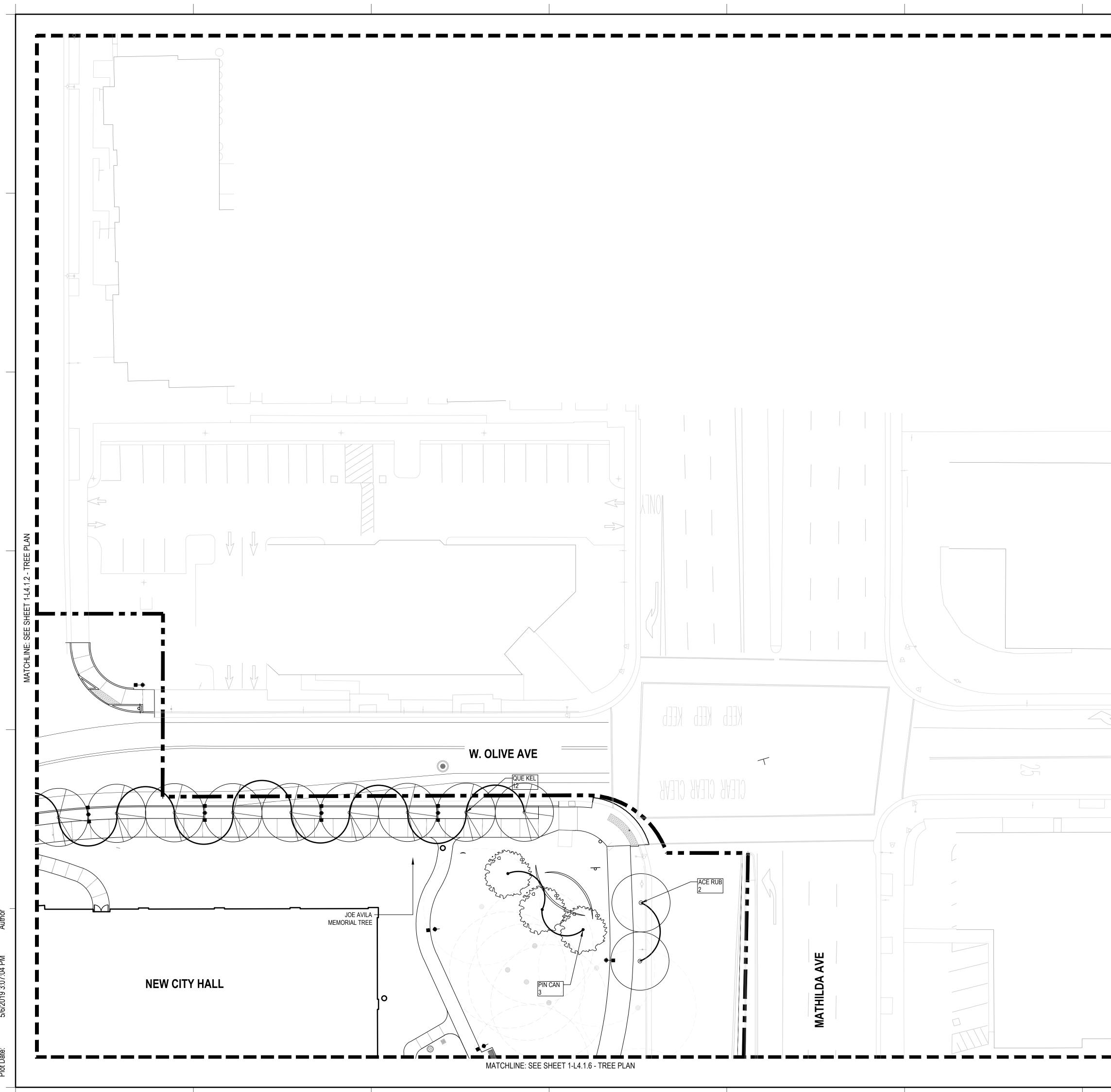
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ISSUED FOR	REV	DATE
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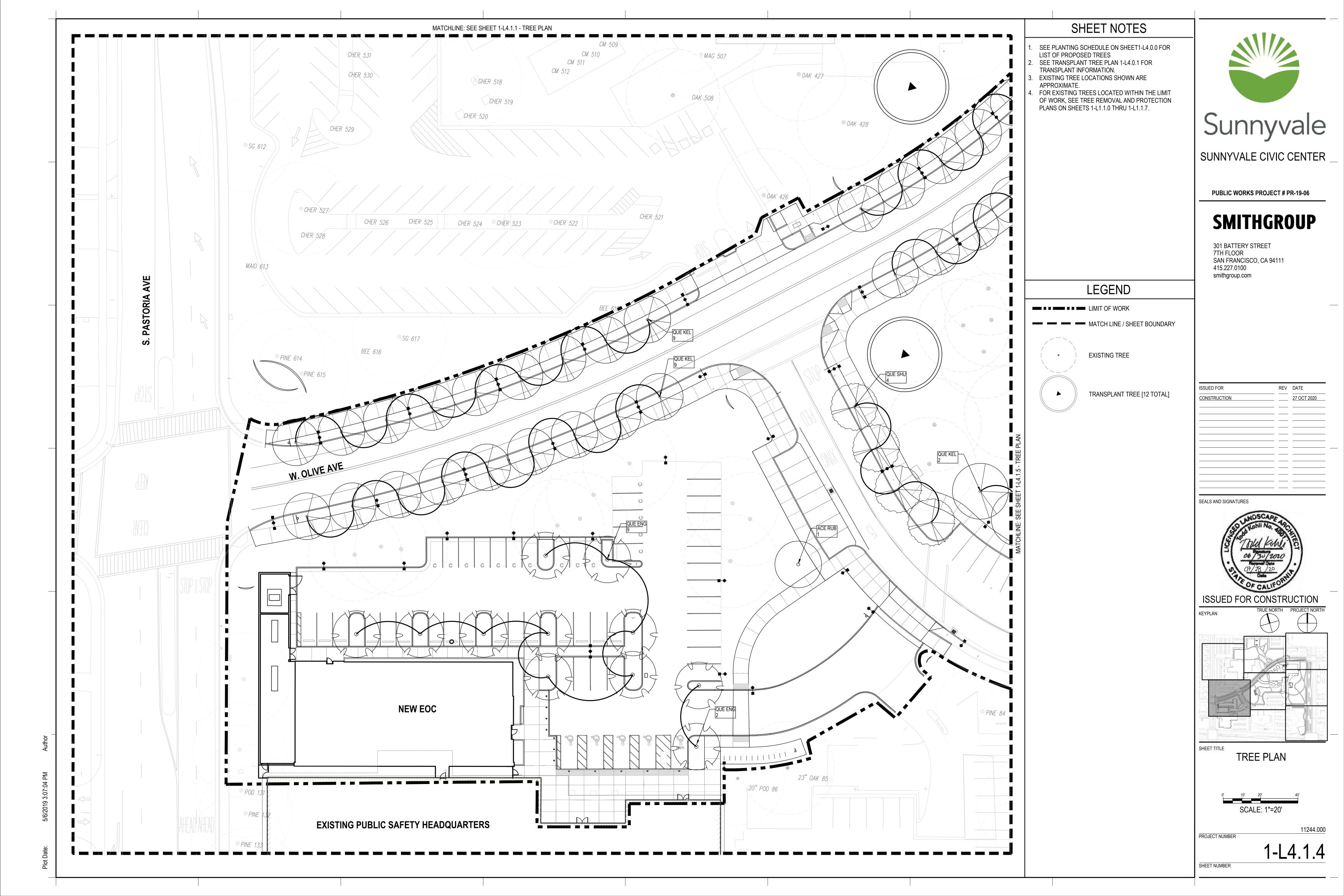


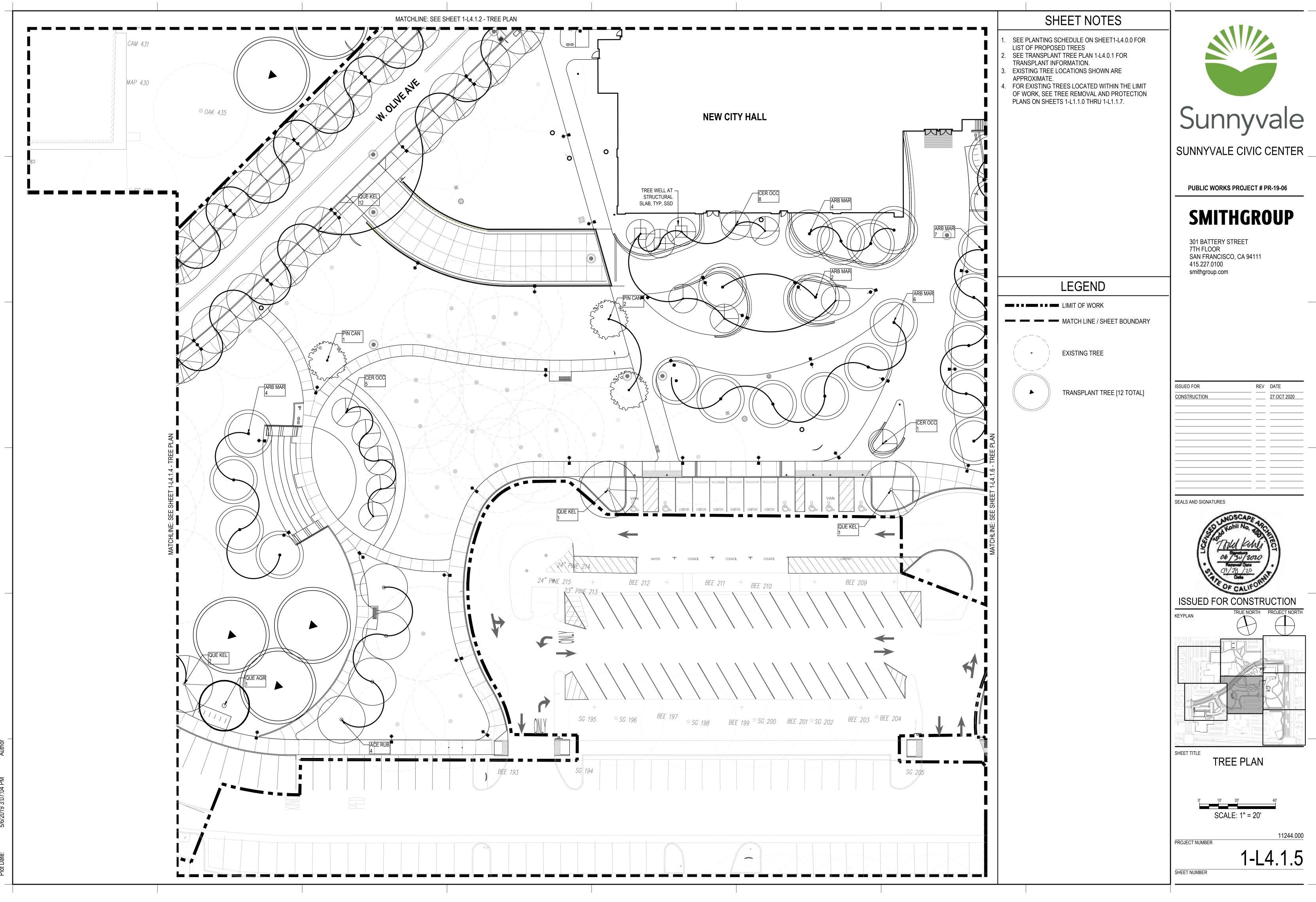


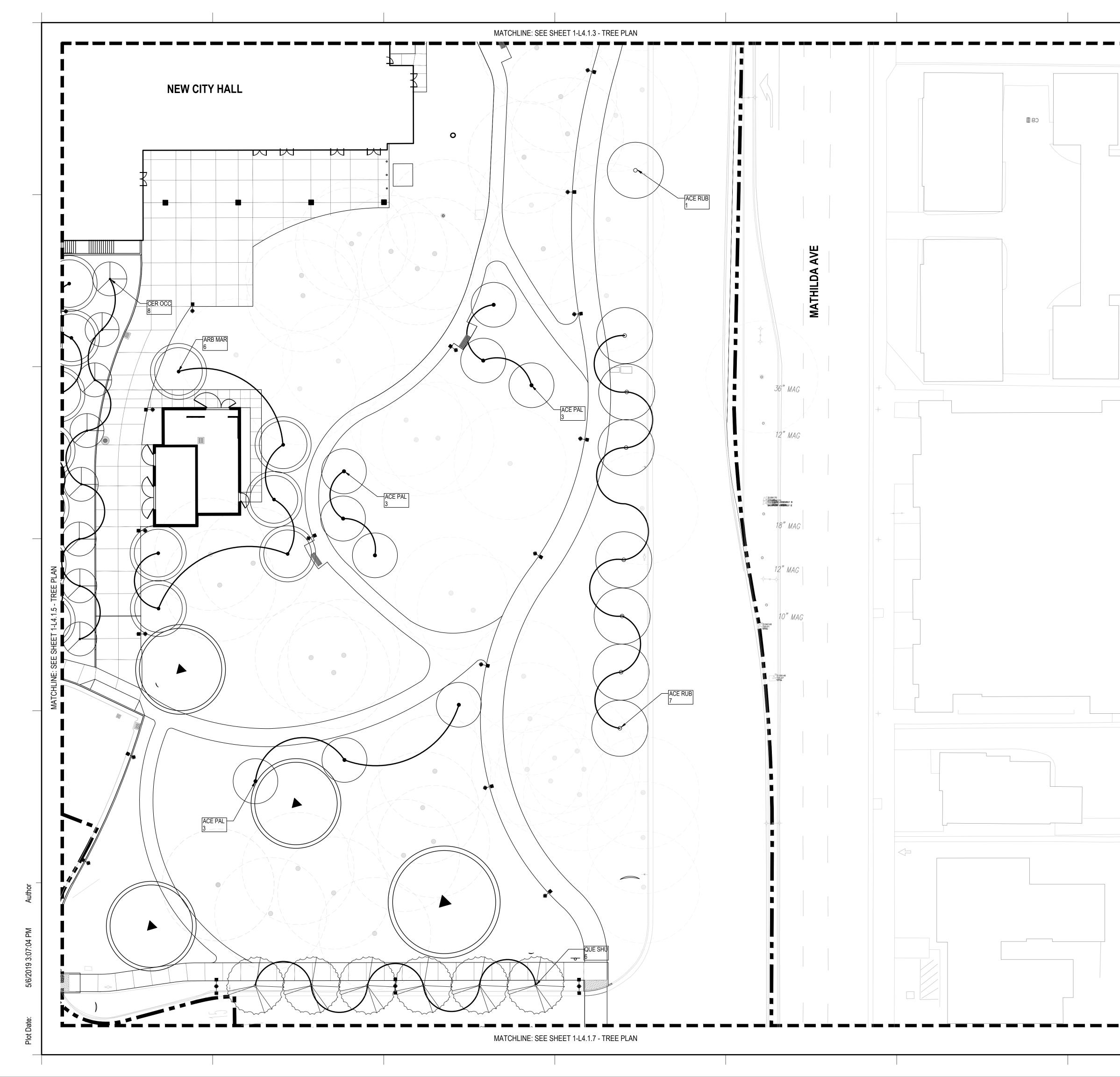




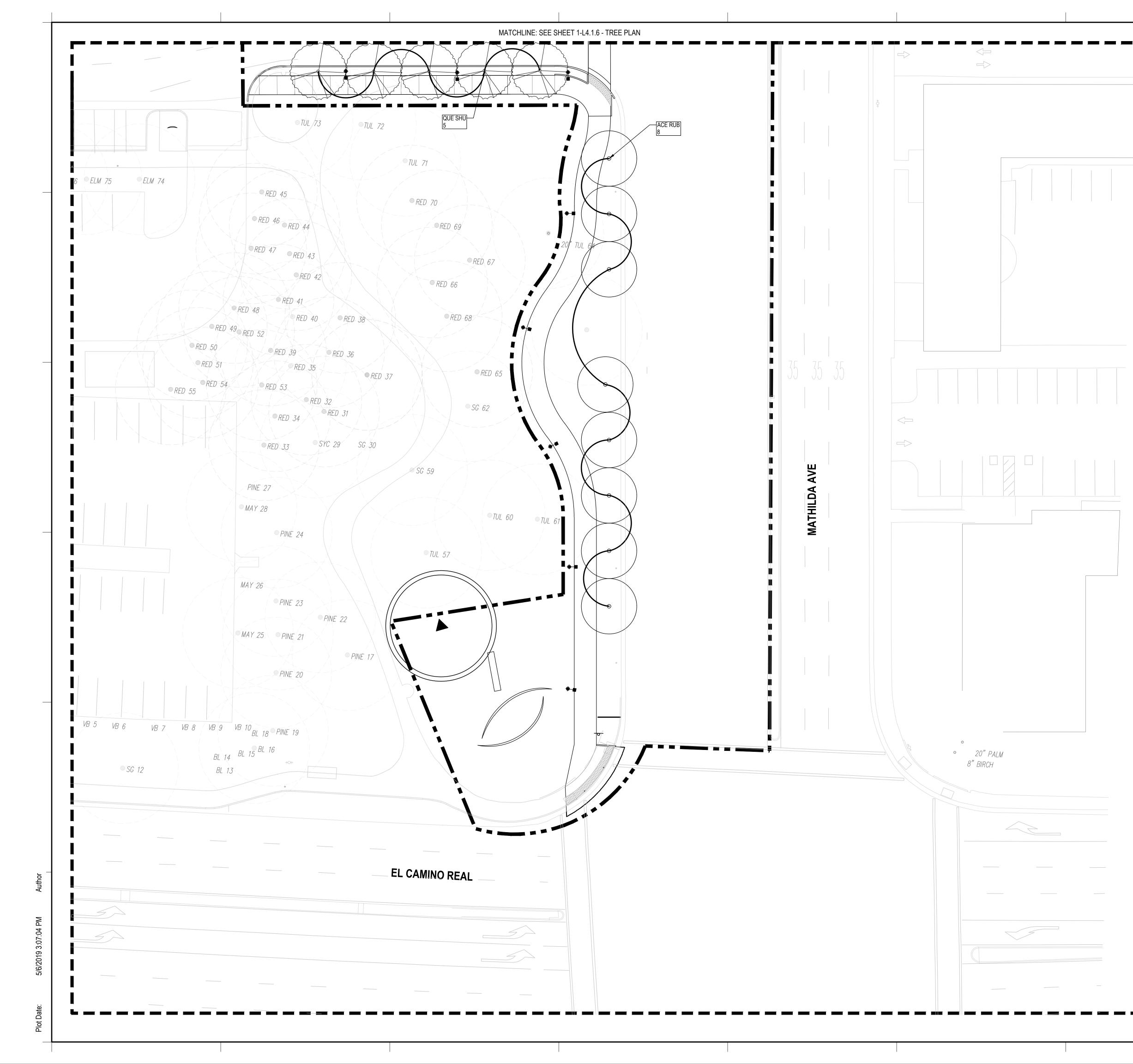
	SHEET NOTES	
	<ol> <li>SEE PLANTING SCHEDULE ON SHEET1-L4.0.0 FOR LIST OF PROPOSED TREES</li> <li>SEE TRANSPLANT TREE PLAN 1-L4.0.1 FOR TRANSPLANT INFORMATION.</li> <li>EXISTING TREE LOCATIONS SHOWN ARE APPROXIMATE.</li> <li>FOR EXISTING TREES LOCATED WITHIN THE LIMIT OF WORK, SEE TREE REMOVAL AND PROTECTION PLANS ON SHEETS 1-L1.1.0 THRU 1-L1.1.7.</li> </ol>	
		Sunnyvale
		SUNNYVALE CIVIC CENTER
		PUBLIC WORKS PROJECT # PR-19-06
		SMITHGROUP
		301 BATTERY STREET 7TH FLOOR SAN FRANCISCO, CA 94111 415.227.0100
	LEGEND	smithgroup.com
		-
	MATCH LINE / SHEET BOUNDARY	
	EXISTING TREE	
	TRANSPLANT TREE [12 TOTAL]	ISSUED FOR     REV     DATE       CONSTRUCTION
		SEALS AND SIGNATURES
Ţ		Stand Wahli No. 200 CHITED
		ISSUED FOR CONSTRUCTION
		KEYPLAN
		<sup>0' 10' 20' 40'</sup> SCALE: 1" = 20'
		PROJECT NUMBER 11244.000
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		Surinyvale
		SUNNYVALE CIVIC CENTER
		PUBLIC WORKS PROJECT # PR-19-06
		SMITHGROUP
		301 BATTERY STREET 7TH FLOOR
l		SAN FRANCISCO, CA 94111 415.227.0100
	LEGEND	smithgroup.com
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	EXISTING TREE	
		ISSUED FOR REV DATE
	TRANSPLANT TREE [12 TOTAL]	CONSTRUCTION         27 OCT 2020
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		SEALS AND SIGNATURES
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		SHEET TITLE
		TREE PLAN
		0' 10' 20' 40' SCALE: 1" = 20'
		11244.000
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		Sunnyvale
		SUNNYVALE CIVIC CENTER
		PUBLIC WORKS PROJECT # PR-19-06
		SMITHGROUP
i		301 BATTERY STREET
		7TH FLOOR SAN FRANCISCO, CA 94111 415.227.0100 smithgroup.com
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I I	MATCH LINE / SHEET BOUNDARY	
	EXISTING TREE	
	TRANSPLANT TREE [12 TOTAL]	ISSUED FOR     REV     DATE       CONSTRUCTION     27 OCT 2020
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l		SHEET TITLE TREE PLAN
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