

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

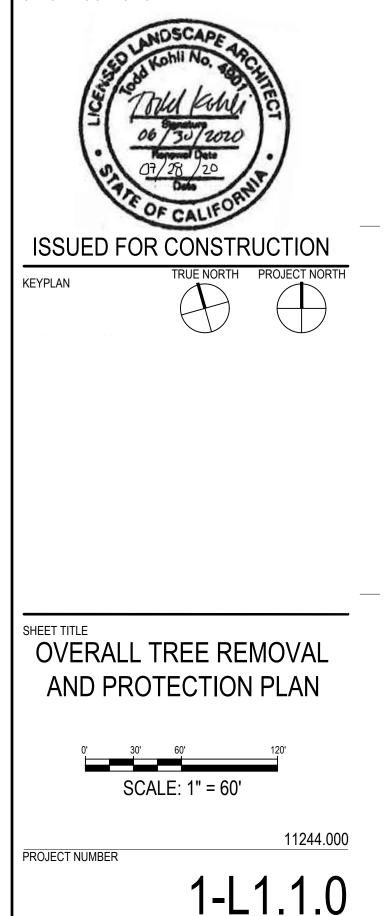
SMITHGROUP

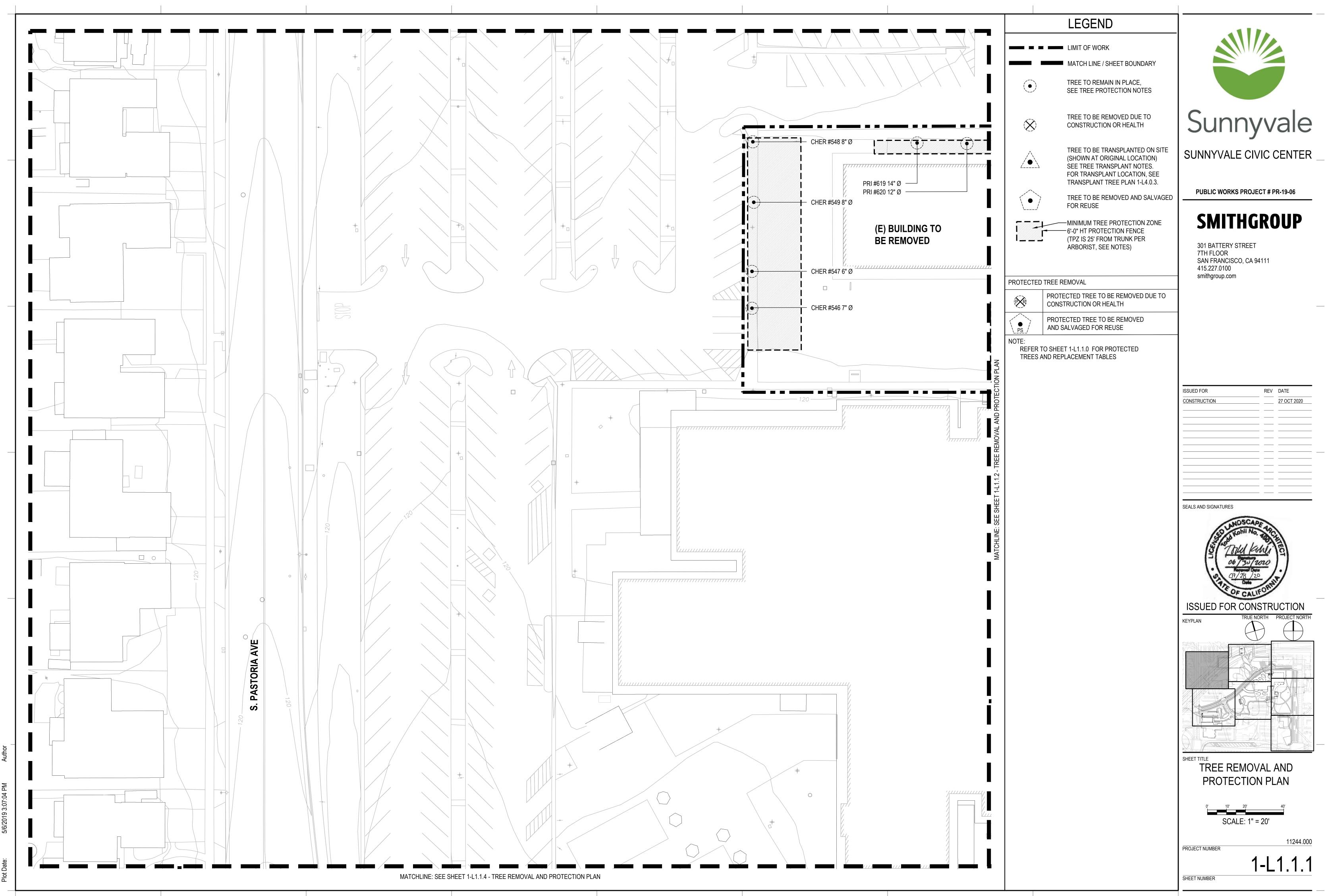
301 BATTERY STREET 7TH FLOOR SAN FRANCISCO, CA 94111 415.227.0100 smithgroup.com

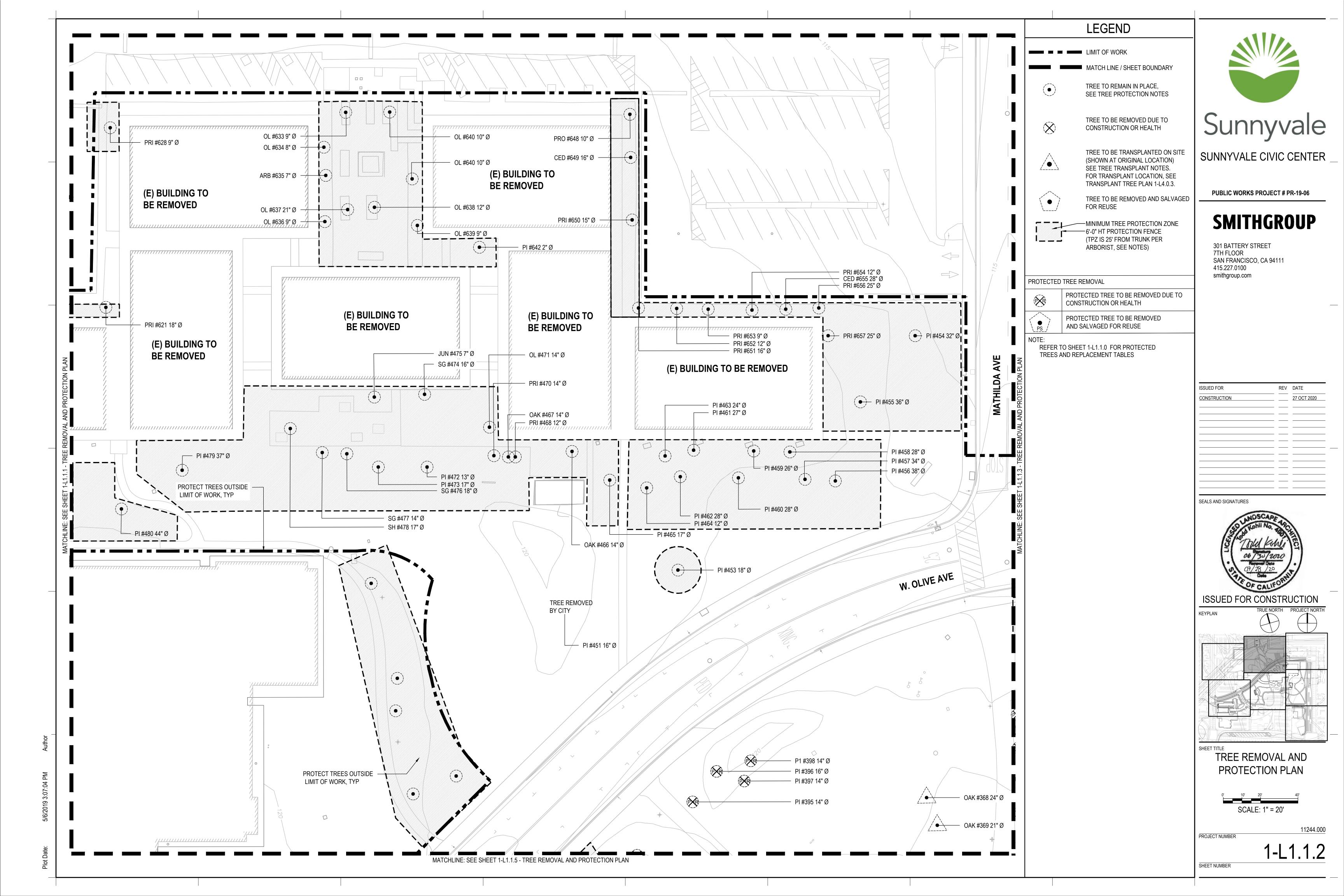
ISSUED FOR	REV	DATE
CONSTRUCTION		27 OCT 2020

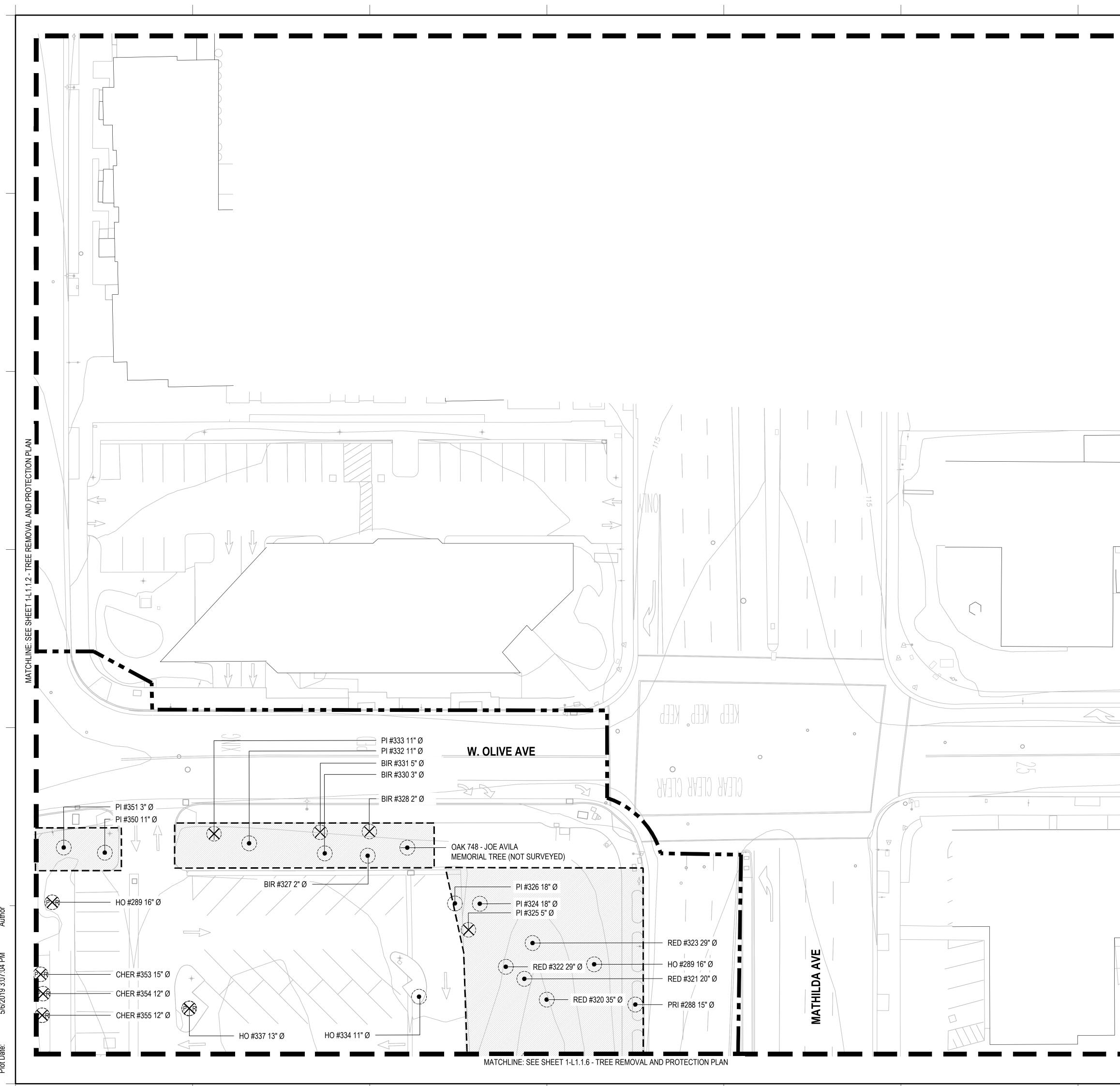
SEALS AND SIGNATURES

SHEET NUMBER

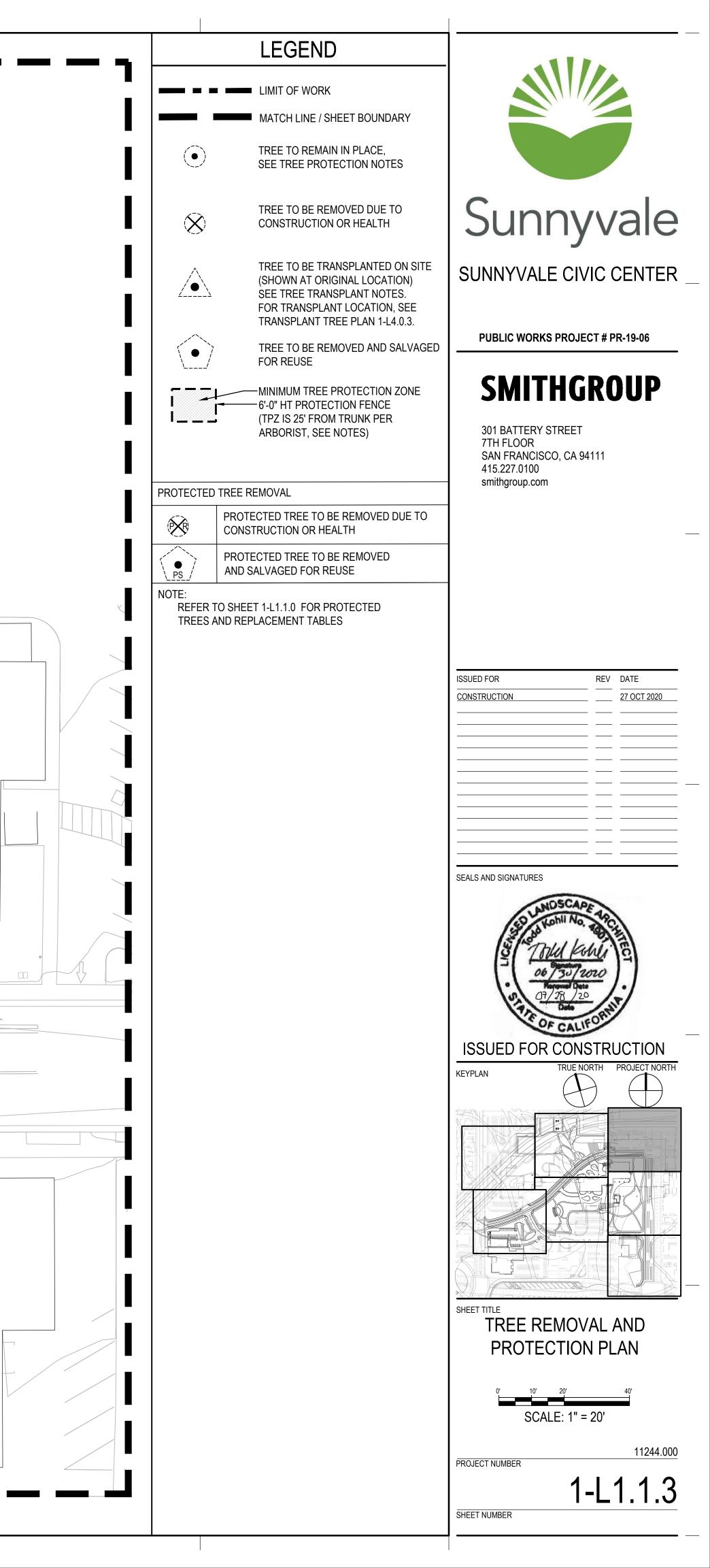


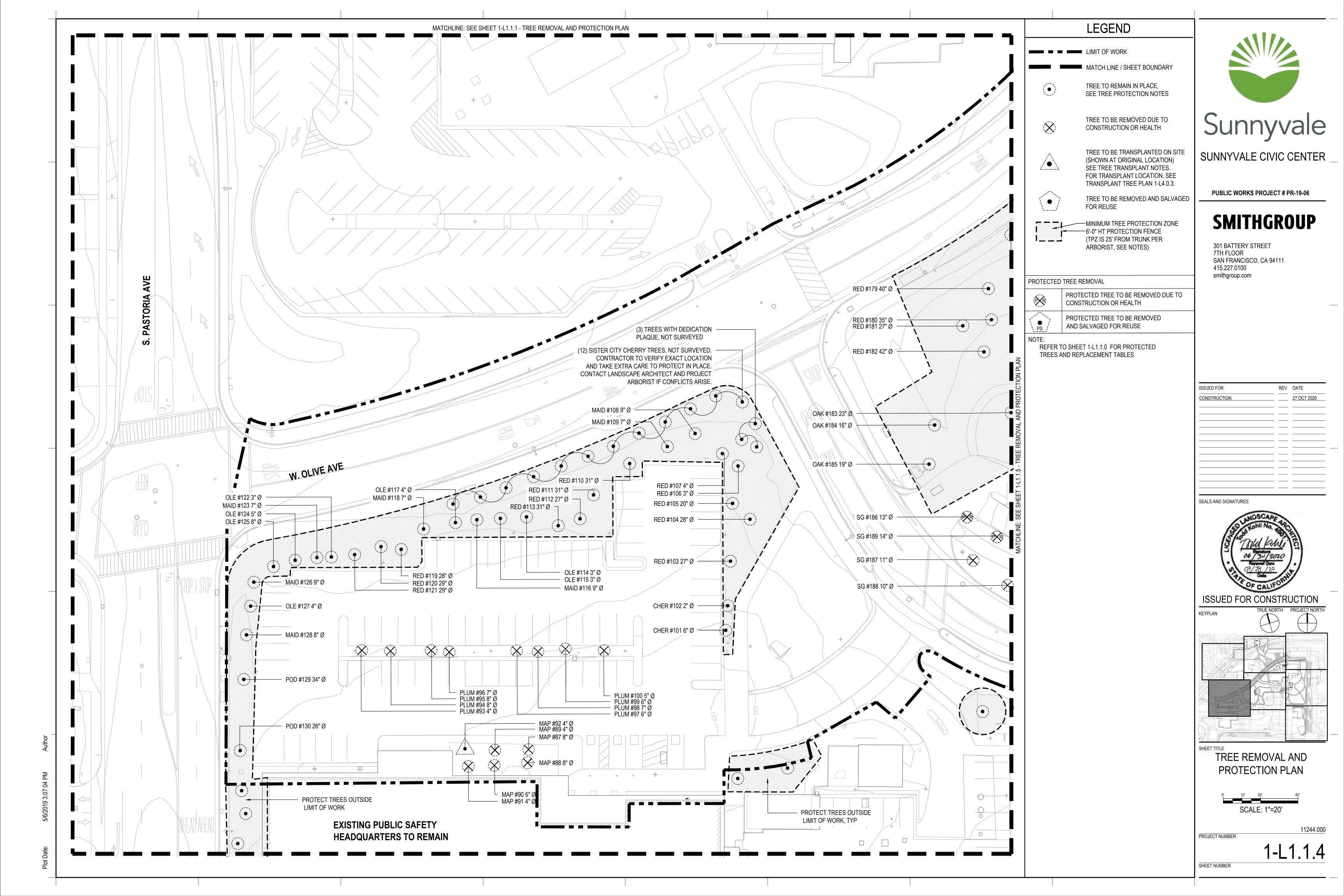


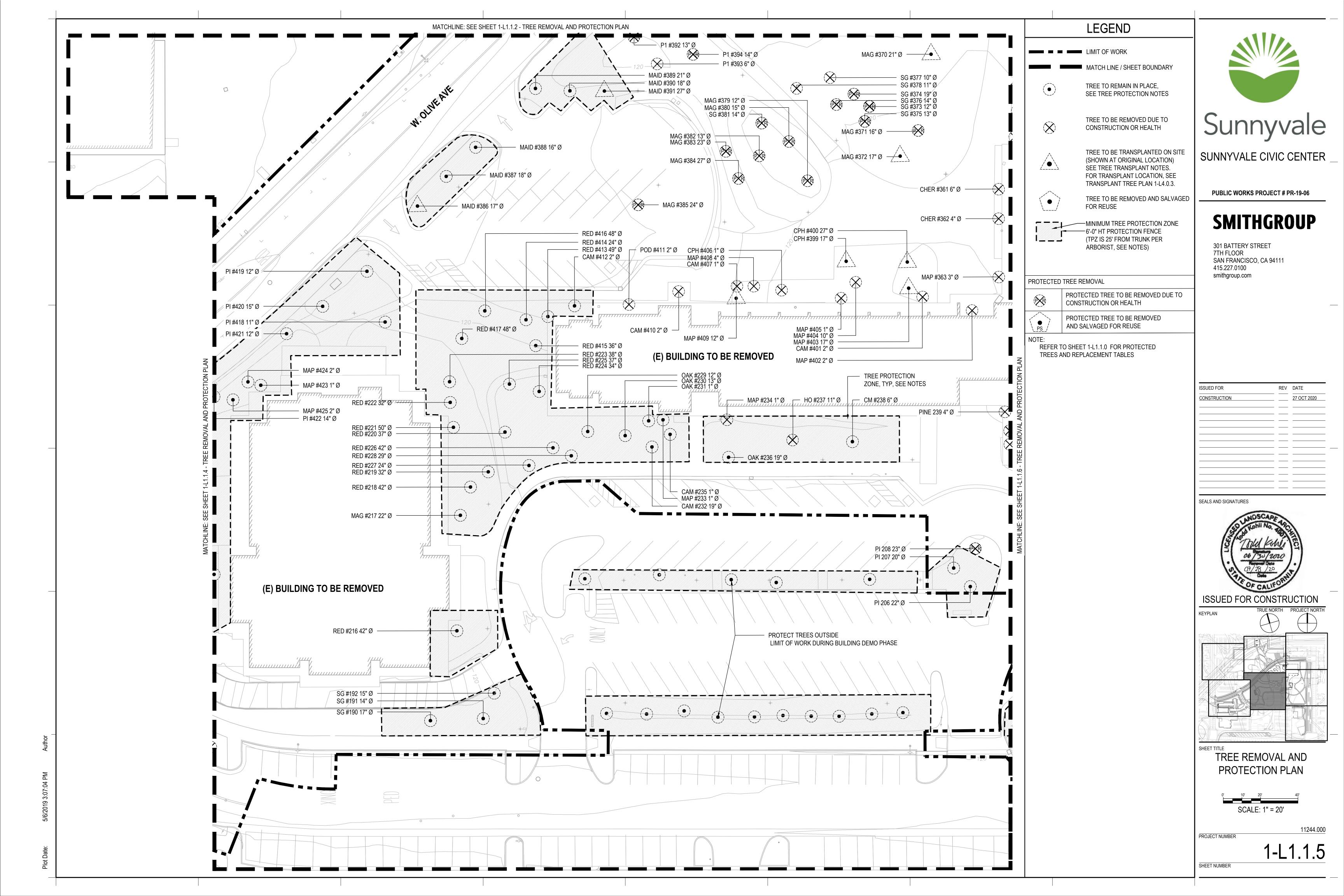


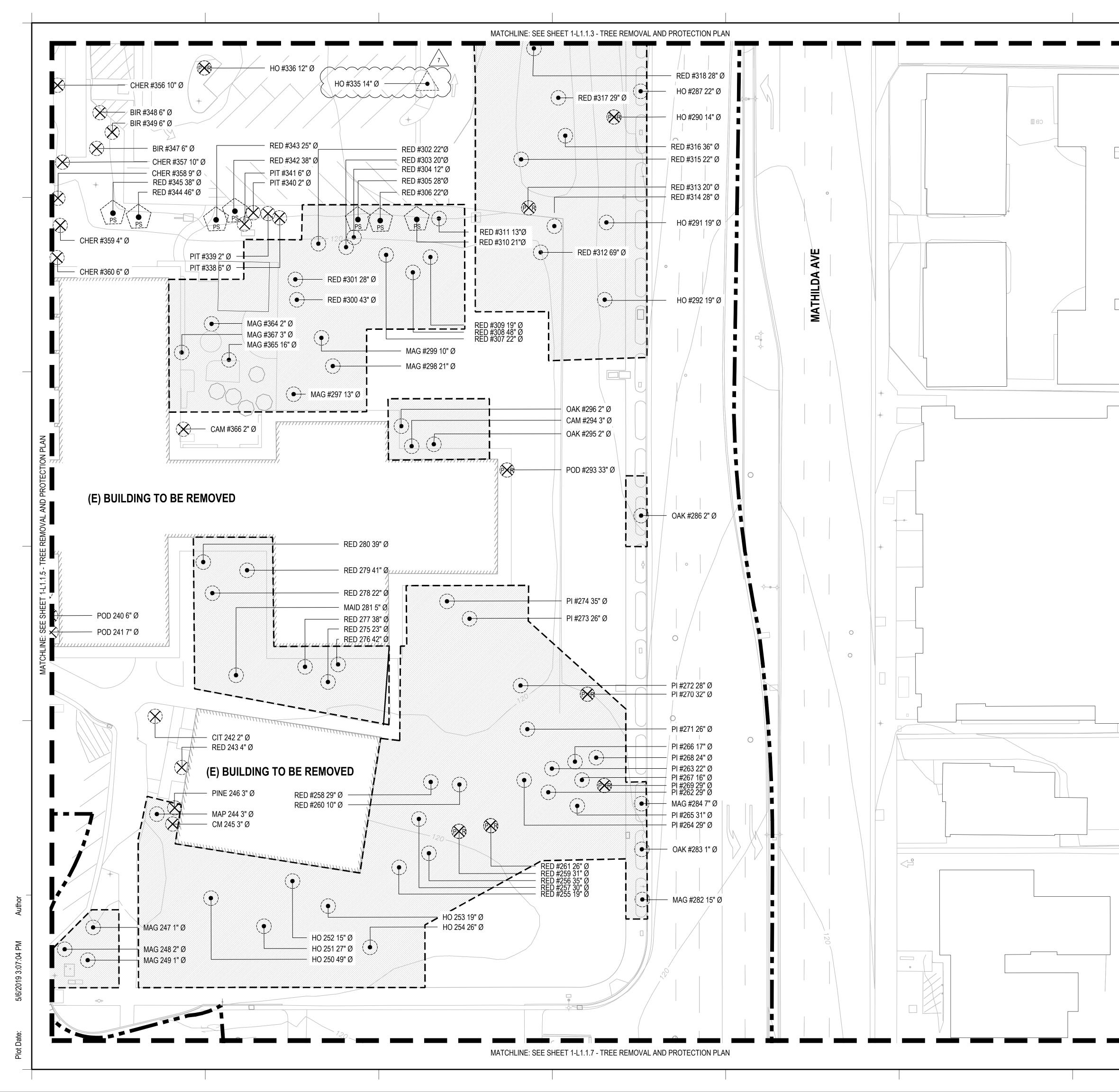


Plot Date:

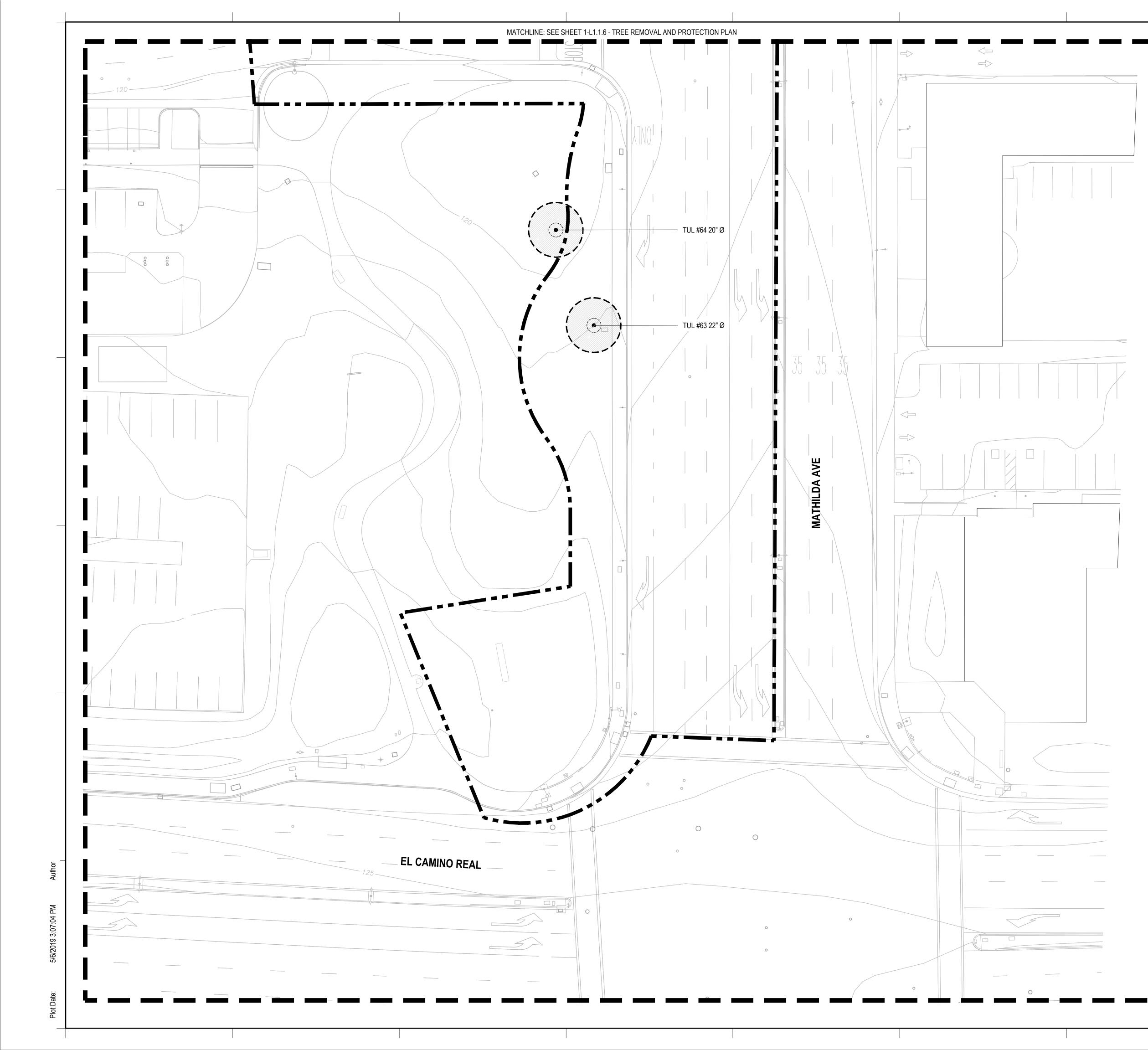




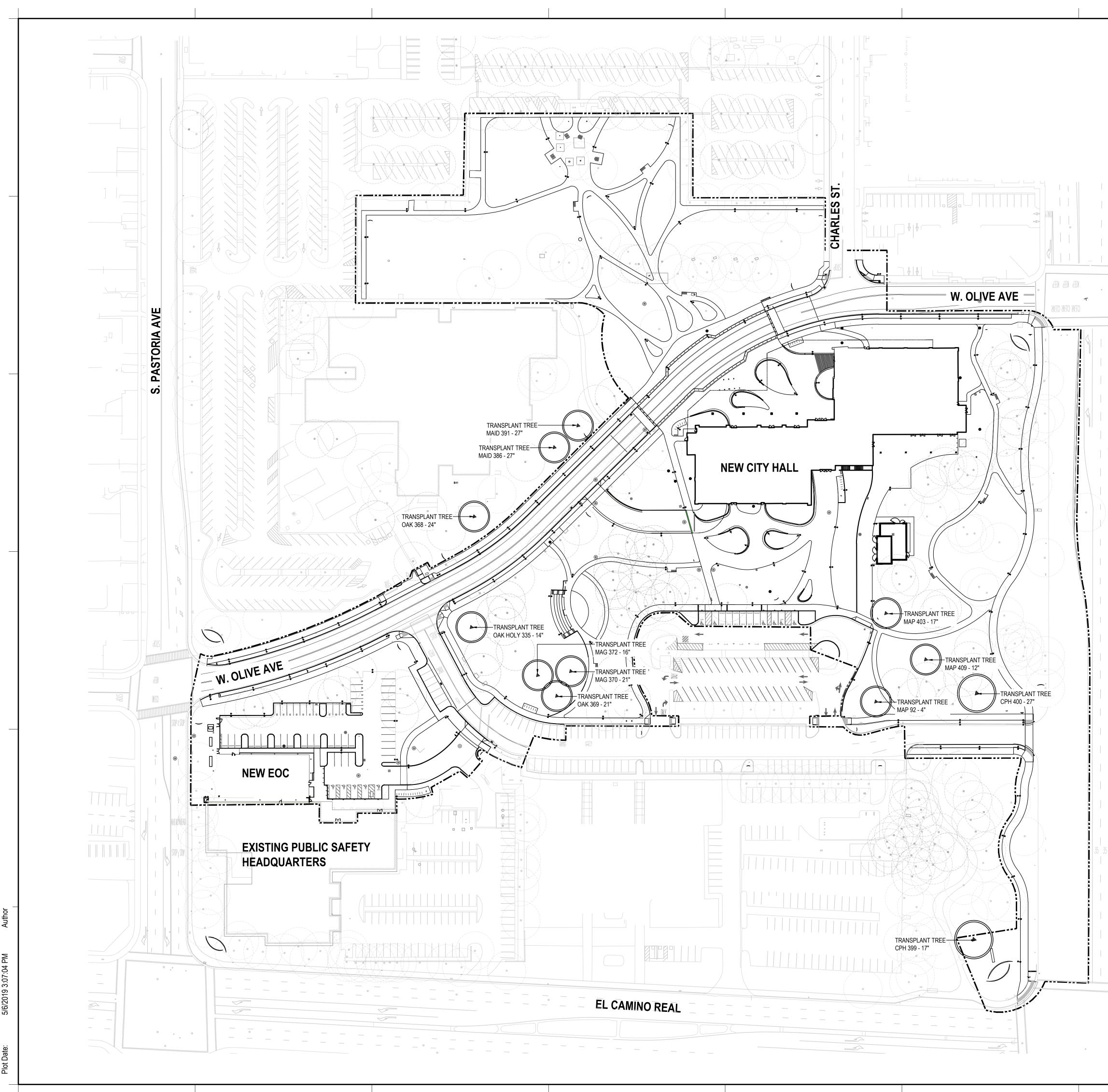




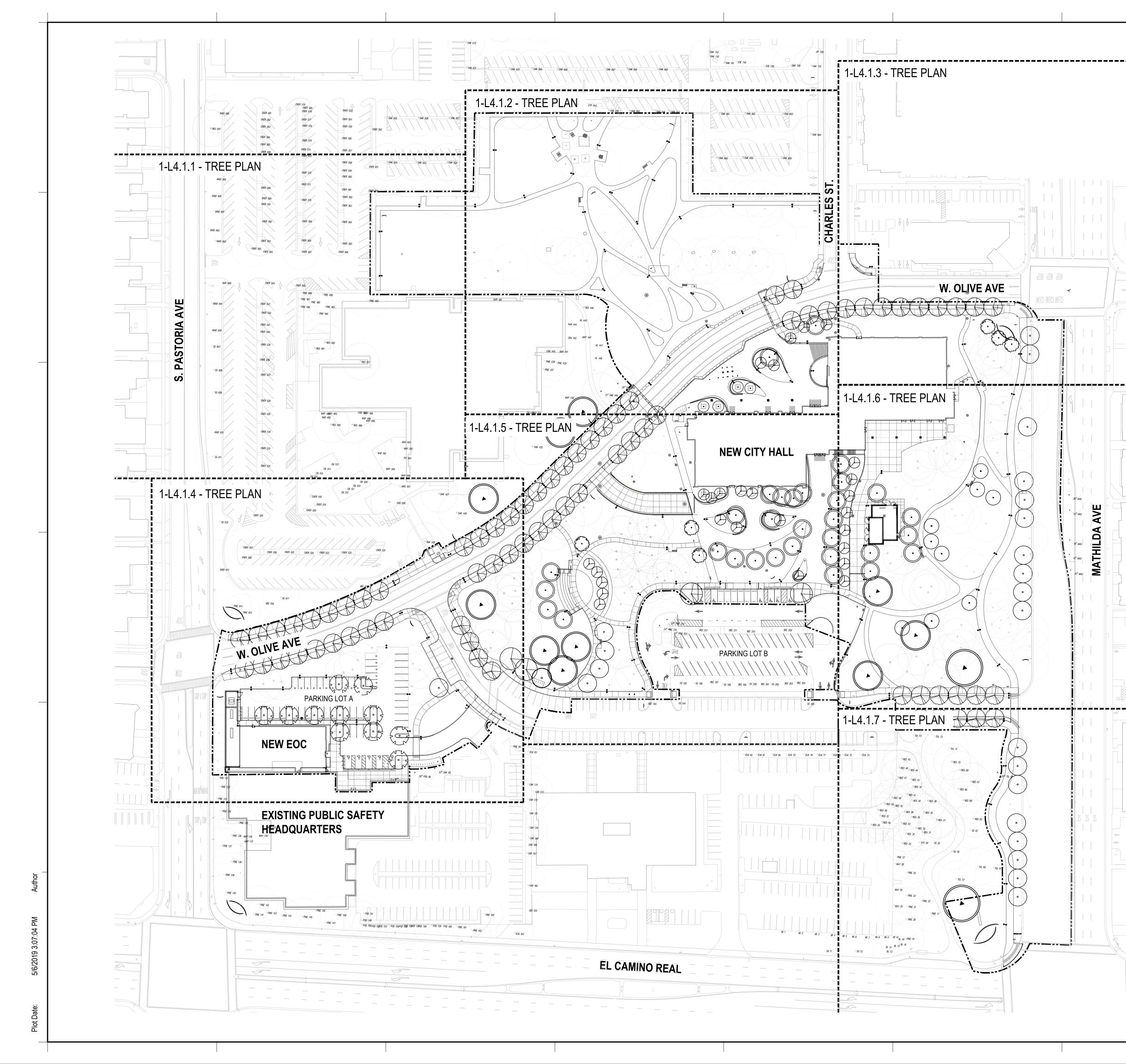
	LEGEND	
	LIMIT OF WORK	
-	MATCH LINE / SHEET BOUNDARY	
$\textcircled{\bullet}$	TREE TO REMAIN IN PLACE, SEE TREE PROTECTION NOTES	
\bigotimes	TREE TO BE REMOVED DUE TO CONSTRUCTION OR HEALTH	Sunnyvale
	TREE TO BE TRANSPLANTED ON SITE (SHOWN AT ORIGINAL LOCATION) SEE TREE TRANSPLANT NOTES. FOR TRANSPLANT 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 1-L1.1.6 SHEET NUMBER



		n — — — — — — — — — — — — — — — — — — —
━	LEGEND	
: — ·	MATCH LINE / SHEET BOUNDARY	
	TREE TO REMAIN IN PLACE, SEE TREE PROTECTION NOTES	
	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
	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
· · · · · · · · · · · · · · · · · · ·	 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. 	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		 LIST OF PROPOSED TREES SEE TRANSPLANT TREE P TRANSPLANT INFORMATIC EXISTING TREE LOCATION APPROXIMATE. FOR EXISTING TREES LOC OF WORK, SEE TREE REM 	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	
REQUIRED) 52.7% SEALS AND SIGNATURES SEALS AND SIGNATURES ISSUED FOF REYPLAN SHEET TILE OVERAL			187,301 SF	
			52%	-
				J
OVERAL OVERAL OUT OUT OUT OUT OUT OUT OUT OUT				ISSUED FOR
				OVERAL ^{0' 30'} SCA PROJECT NUMBER



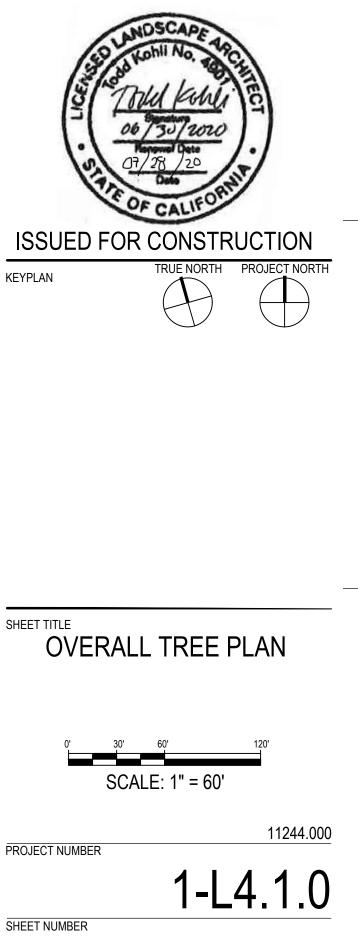
SUNNYVALE CIVIC CENTER

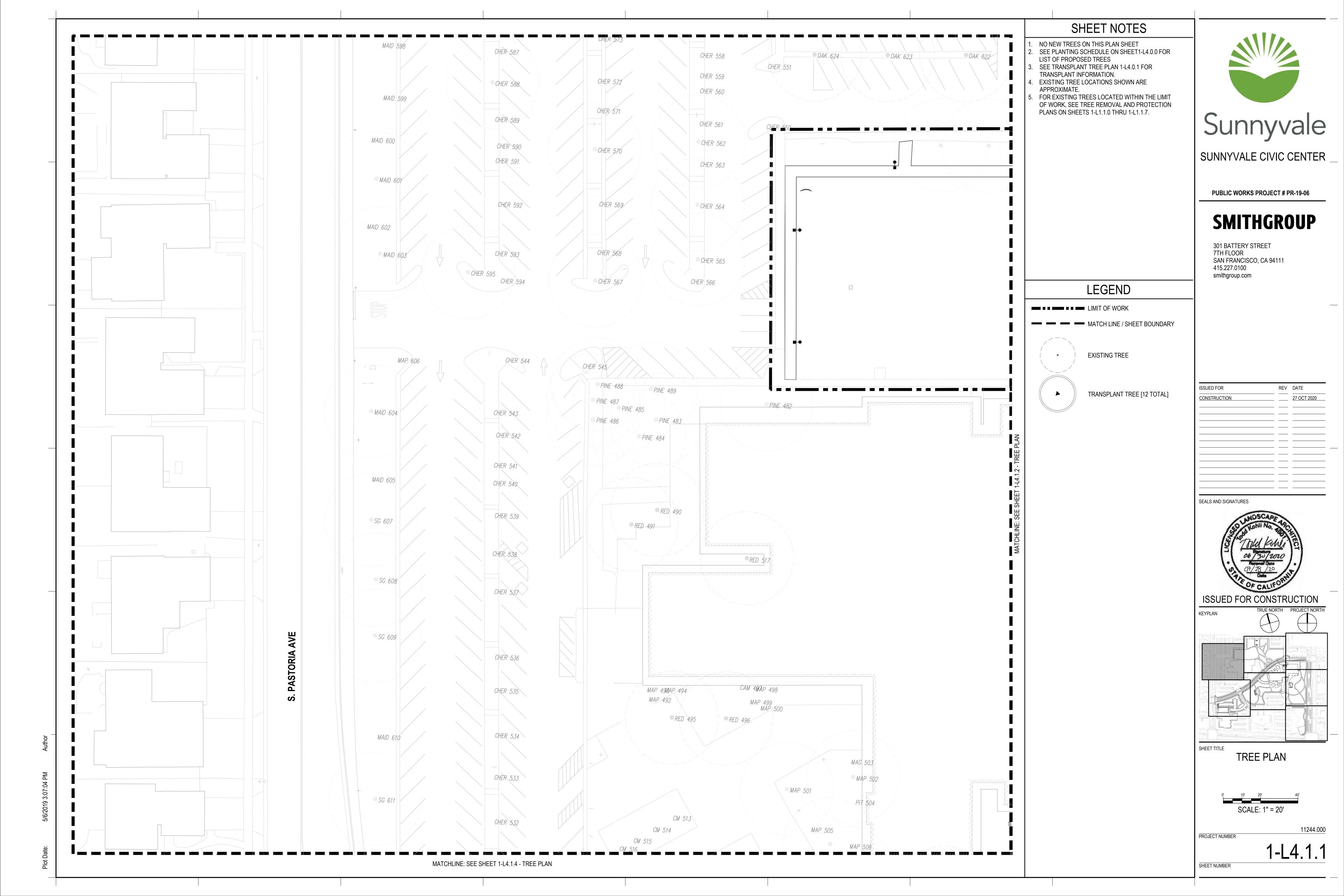
PUBLIC WORKS PROJECT # PR-19-06

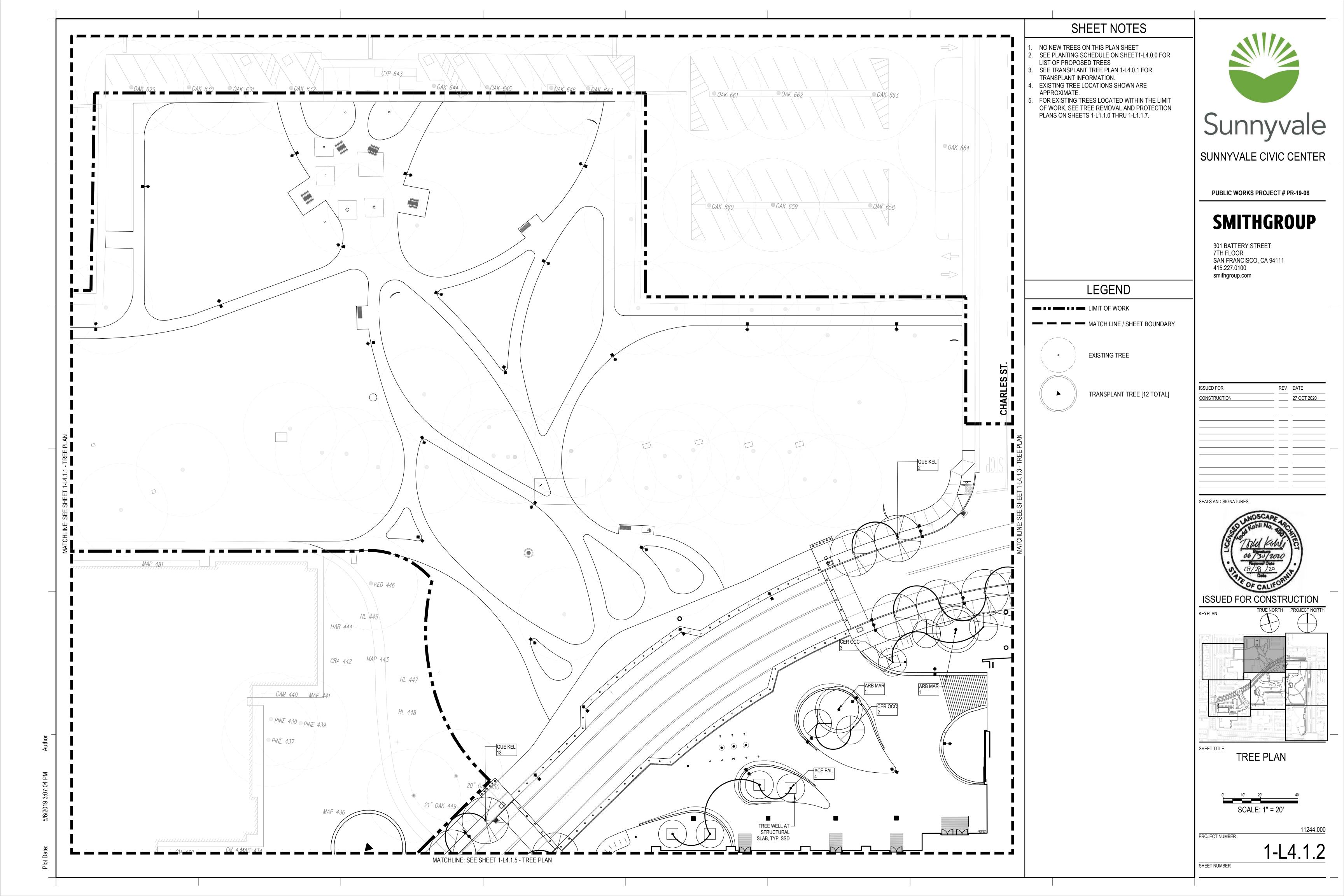
SMITHGROUP

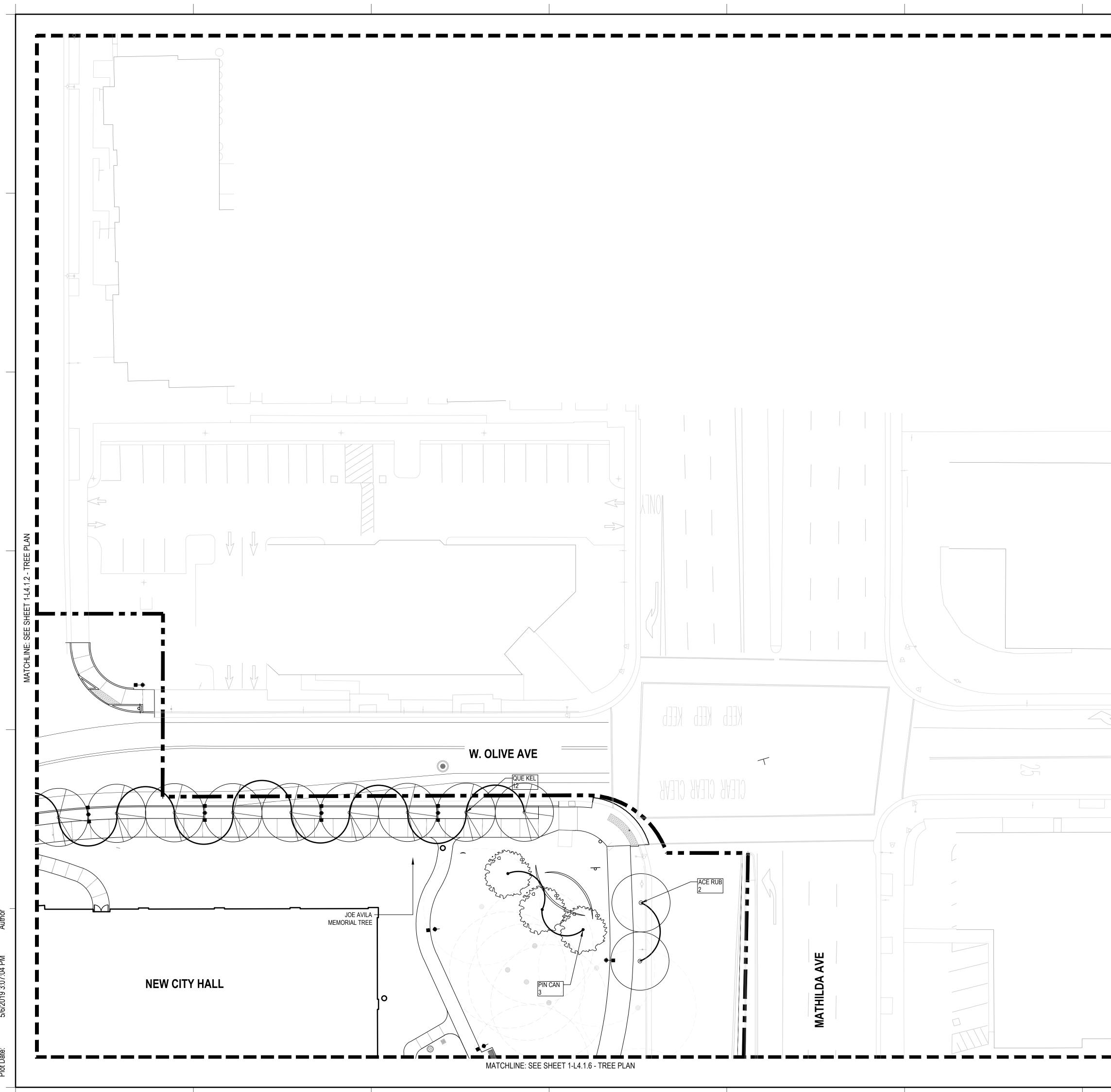
301 BATTERY STREET 7TH FLOOR SAN FRANCISCO, CA 94111 415.227.0100 smithgroup.com

ISSUED FOR	REV	DATE
CONSTRUCTION		27 OCT 2020

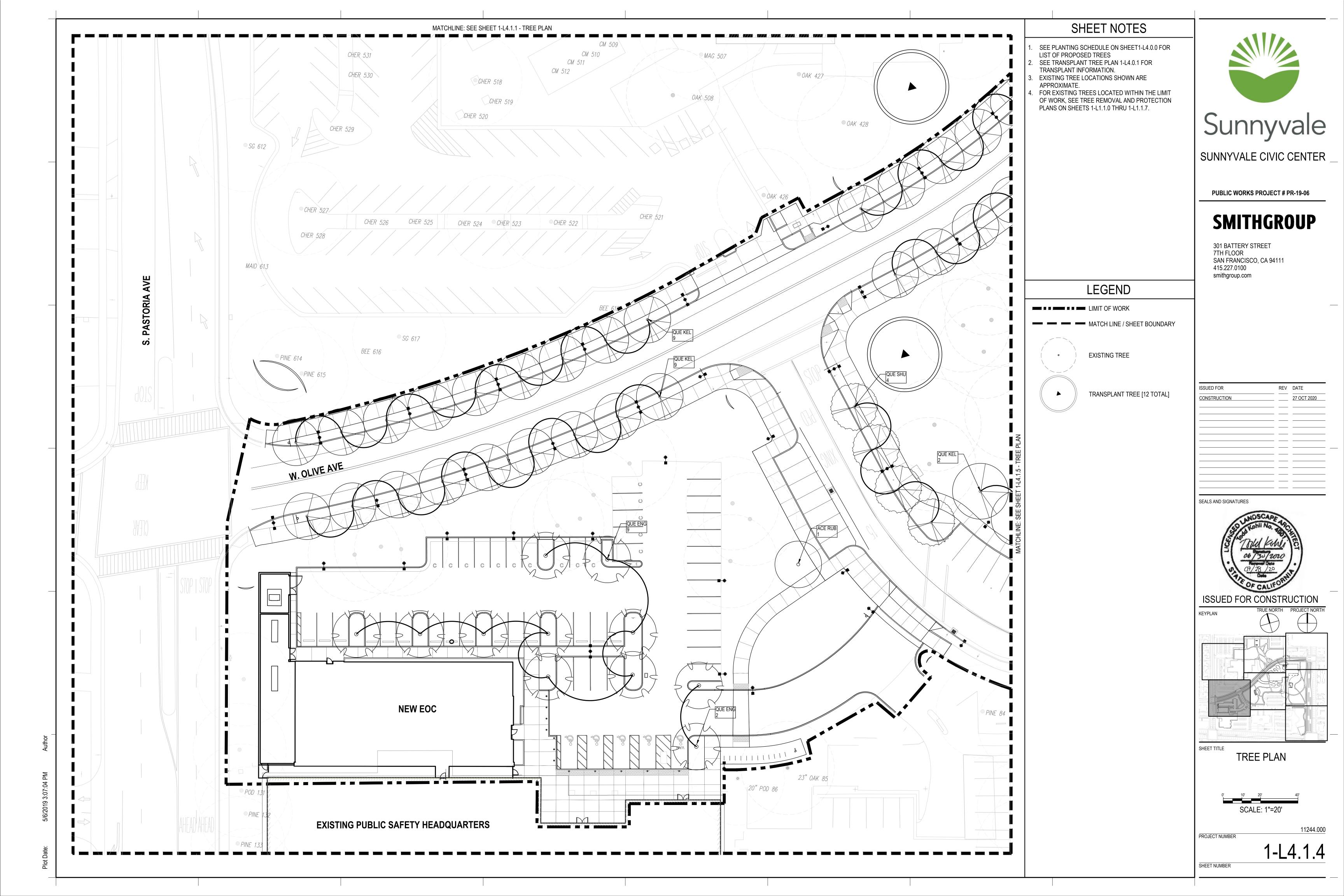


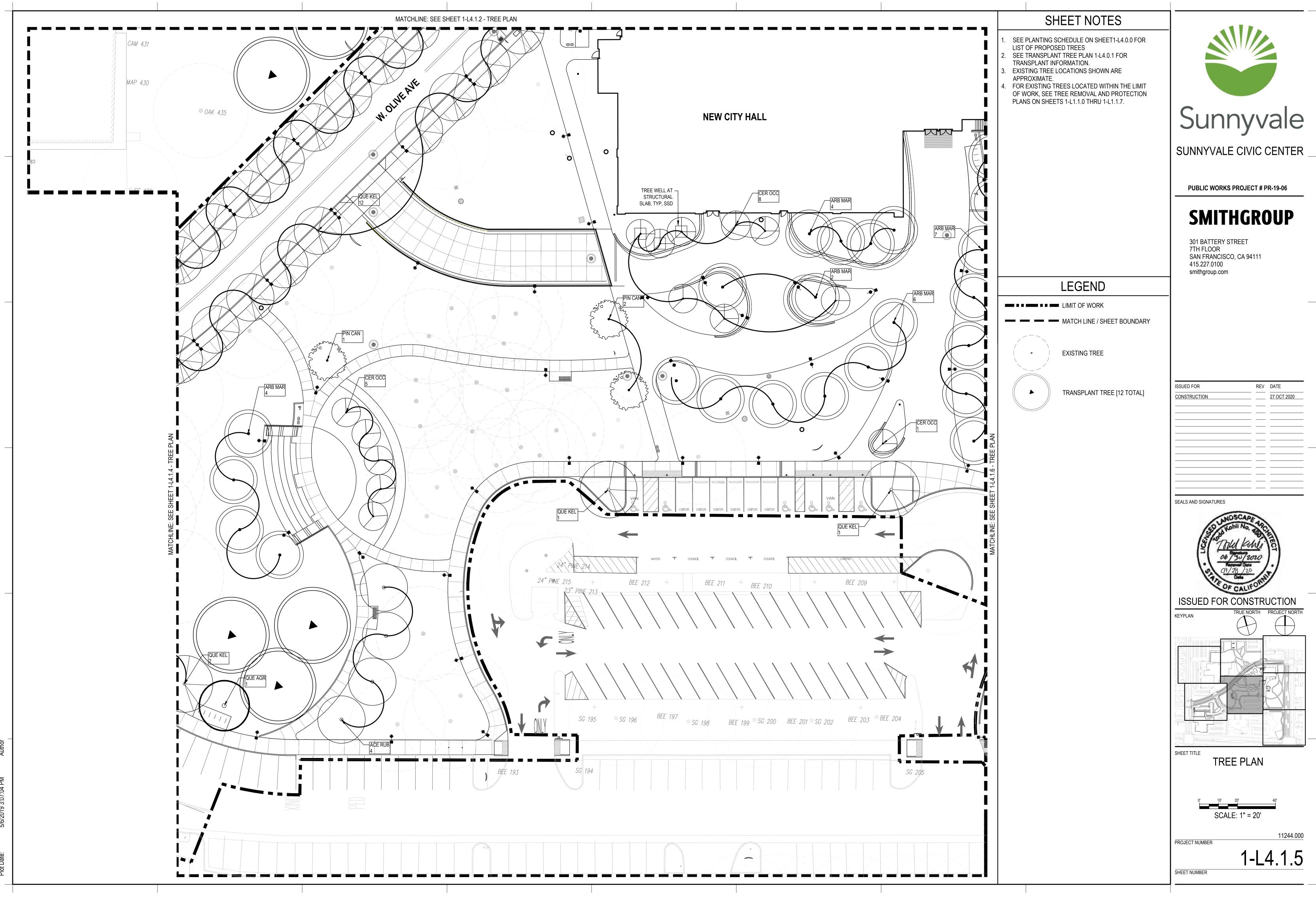


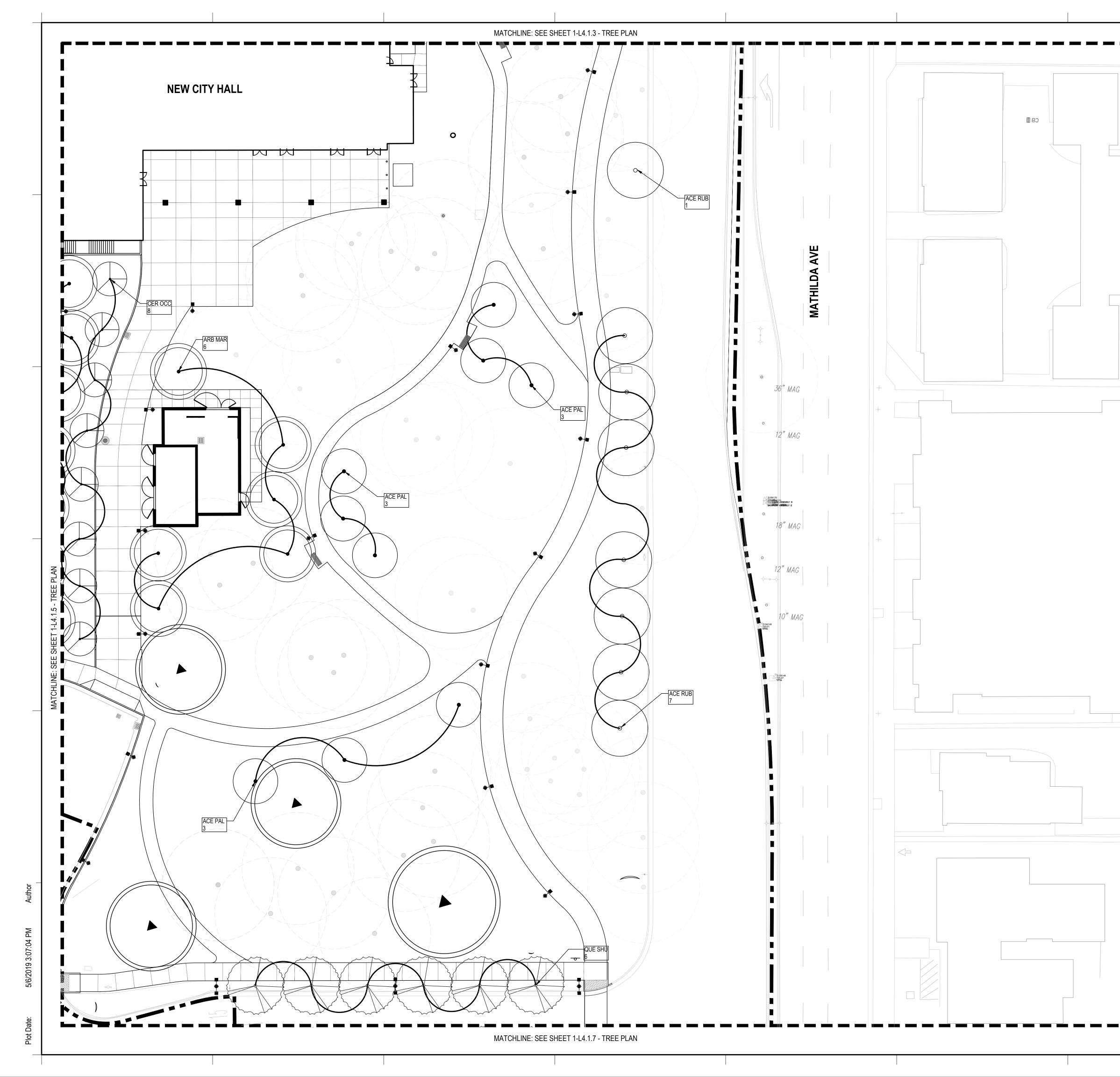




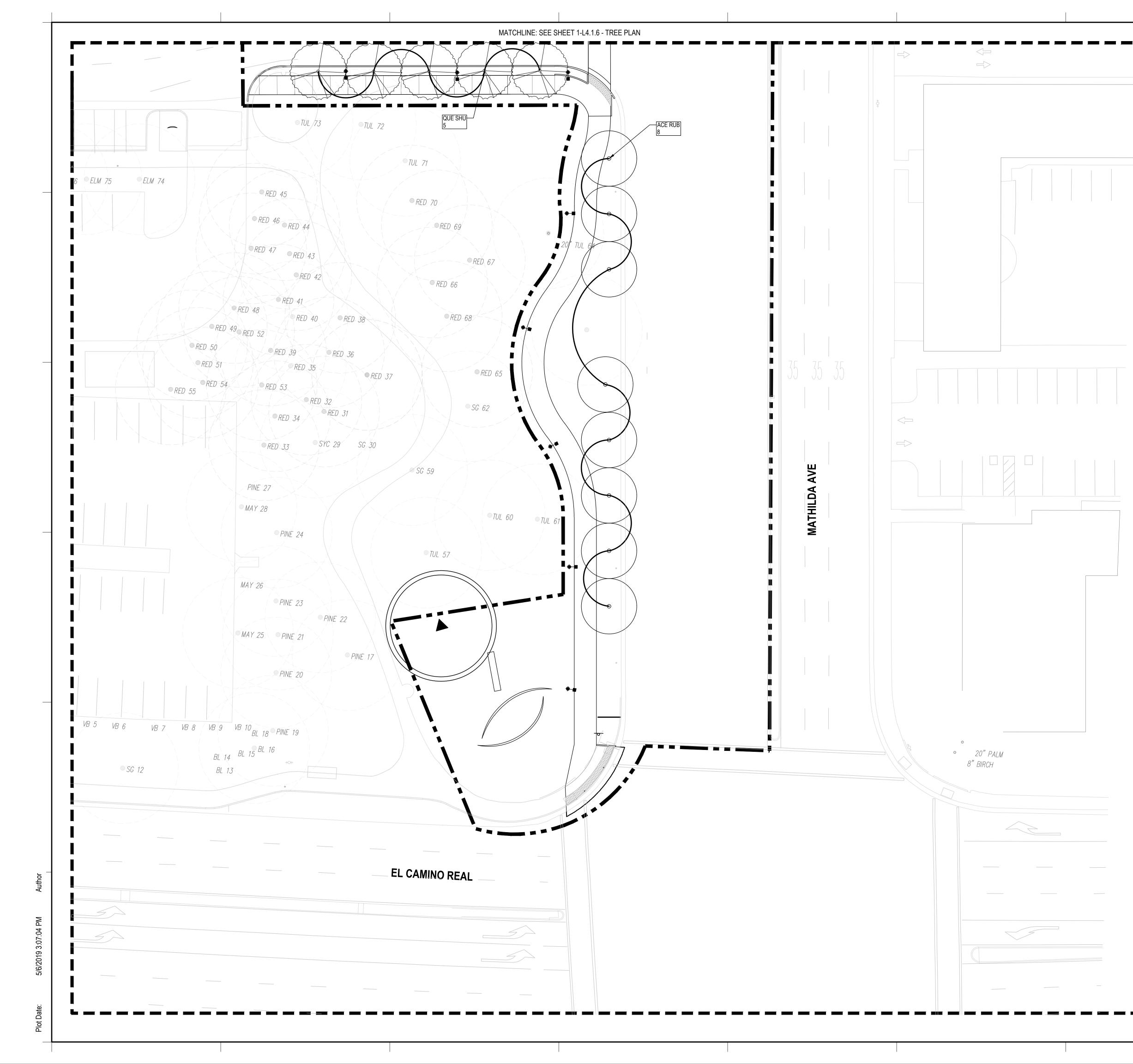
	SHEET NOTES	
	 SEE PLANTING SCHEDULE ON SHEET1-L4.0.0 FOR LIST OF PROPOSED TREES SEE TRANSPLANT TREE PLAN 1-L4.0.1 FOR TRANSPLANT INFORMATION. EXISTING TREE LOCATIONS SHOWN ARE APPROXIMATE. FOR EXISTING TREES LOCATED WITHIN THE LIMIT OF WORK, SEE TREE REMOVAL AND PROTECTION PLANS ON SHEETS 1-L1.1.0 THRU 1-L1.1.7. 	
		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
		^{0' 10' 20' 40'} SCALE: 1" = 20'
		PROJECT NUMBER 11244.000
		I







	SHEET NOTES	
	 SEE PLANTING SCHEDULE ON SHEET1-L4.0.0 FOR LIST OF PROPOSED TREES SEE TRANSPLANT TREE PLAN 1-L4.0.1 FOR TRANSPLANT INFORMATION. EXISTING TREE LOCATIONS SHOWN ARE APPROXIMATE. 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. 	Sunnyvale
		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
i		
	EXISTING TREE	
		ISSUED FOR REV DATE
	TRANSPLANT TREE [12 TOTAL]	CONSTRUCTION 27 OCT 2020
I		
		SEALS AND SIGNATURES
Ī		INDSCAPE
		Sed Wohll No. 29CH
		3 7010 1000 9
		07/28/20
		ISSUED FOR CONSTRUCTION
		ISSUED FOR CONSTRUCTION
I.		
i		
		SHEET TITLE
		TREE PLAN
		0' 10' 20' 40' SCALE: 1" = 20'
		11244.000
I		PROJECT NUMBER 1-L4.1.6
		ا



	SHEET NOTES	
	 SEE PLANTING SCHEDULE ON SHEET1-L4.0.0 FOR LIST OF PROPOSED TREES SEE TRANSPLANT TREE PLAN 1-L4.0.1 FOR TRANSPLANT INFORMATION. EXISTING TREE LOCATIONS SHOWN ARE APPROXIMATE. 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. 	
		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
Ĩ	LEGEND	
l		
I I	MATCH LINE / SHEET BOUNDARY	
	EXISTING TREE	
	TRANSPLANT TREE [12 TOTAL]	ISSUED FOR REV DATE CONSTRUCTION 27 OCT 2020
l		
I I		
I		
i		SEALS AND SIGNATURES
l		ED WOHII No. APC
		- Told Kalli E
		17/28 /20 DF CALIFORNIT
Ĩ		ISSUED FOR CONSTRUCTION
i		
l		
ľ		
I		
l		SHEET TITLE TREE PLAN
		SCALE: 1" = 20'
I		PROJECT NUMBER
J		1-L4.1.7