

ADDITIONAL DOCUMENT

PUBLIC COMMENT



NATURAL RESOURCES AND ENVIRONMENTAL COMMISSION

CITY OF SOUTH PASADENA

1414 MISSION STREET, SOUTH PASADENA, CA 91030

TEL: (626) 403-7240 • FAX: (626) 403-7241

WWW.SOUTHPASADENACA.GOV

REGULAR NREC MEETING

MARCH 23, 2021 7:00PM

PUBLIC COMMENTS

FROM: EDGAR PELAYO, VICE PRESIDENT, SOUTH WEST GREEN

AGENDA ITEM: ITEM #3, GAS-POWERED LAWN EQUIPMENT

ATTACHMENT: NONE

COMMENT: READ

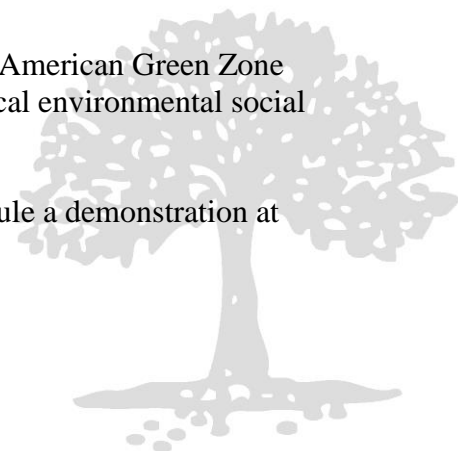
Hello, my name is Edgar Pelayo with South West Green, a sustainable, all electric, lawn care service provider.

South West Green offers all electric lawn care for residential and some commercial properties. Our service is much quieter and cleaner than traditional gas powered lawn service as our equipment is battery operated, so there are no exhaust fumes, and the noise level is significantly lower in comparison to gas powered lawn care equipment. As a result, there are benefits to the operator and the environment.

South West Green wishes to work with residents and small businesses in modeling socially responsible lawn care practices that are safe for every member of the community. We wish to engage with residents and small businesses not only as a lawn care provider, but also as consultants by sharing evidence based information about various clean air initiatives that help the reduction in carbon footprint. South West Green hopes to increase capacity in the San Gabriel Valley by holding informational workshops and demonstrations in the community for residents and other lawn care providers.

We are headquartered in the San Gabriel valley and collaborate with the American Green Zone Alliance (AGZA) and established organizations already involved in critical environmental social justice issues which include ActiveSGV, and DayOne to name a few.

Visit www.South-WestGreen.com for additional information or to schedule a demonstration at your home or business.

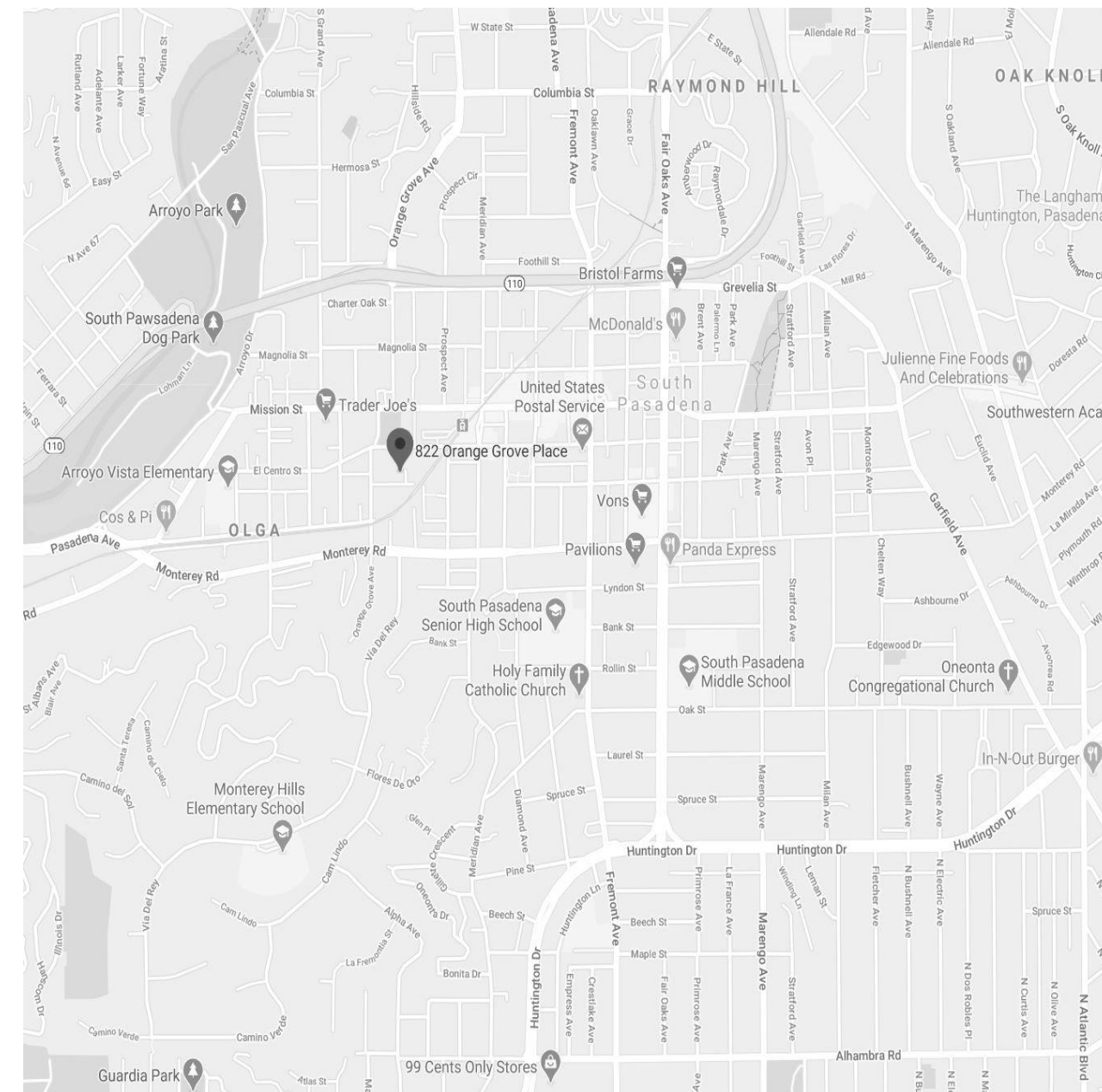


ITEM 2: ADDITIONAL DOCUMENT

Updated Site Plan and Tentative Approval Letter

&	AND	INT	INTERIOR
@	AT	LAV	LAVATORY
AFF	ABOVE FINISH FLOOR	LAV	LAVATORY
ALUM	ALUMINUM	MECH	MECHANICAL
ANOD	ANODIZED	MIN	MINIMUM
BOT	BOTTOM	MTL	METAL
CIP	CAST IN PLACE	NO	NOT IN CONTRACT
CL	CENTER LINE	NO	NUMBER
CLR	CLEAR	OC	ON CENTER
CMU	CONCRETE MASONRY UNIT	OPP	OPPOSITE
COL	COLUMN	OZ	OUNCE
CONC	CONCRETE	PARAPET	PARAPET
CONT	CONTINUOUS	PLUMB	PLUMBING
DBL	DOUBLE	PLYWD	PLYWOOD
DEMO	DEMOLISH	PT	PRESSURE TREATED
DIA	DIAMETER	PVC	POLYVINYL CHLORIDE
DIMS	DIMENSIONS	RCP	REFLECTED CEILING PLAN
DN	DOWN	RD	ROOF DRAIN
DR	DOOR	REQD	REQUIRED
DWG	DRAWING	RM	ROOM
EA	EACH	SHLF	SHELF
ELEC	ELECTRICAL	SHWR	SHOWER
ELEV	ELEVATION	SIM	SIMILAR
EQ	EQUAL	SPEC	SPECIFICATION
EXIST / (E)	EXISTING	SPKR	SPEAKER
EXT	EXTERIOR	SSTL	STAINLESS STEEL
FAU	FORCED AIR UNIT	STL	STEEL
FD	FLOOR DRAIN	STRUCT	STRUCTURAL
FLR	FLOOR	T&G	TONGUE AND GROOVE
FIXT	FIXTURE	TEL	TELEPHONE
FND	FOUNDATION	TO	TOP OF
GA	GAUGE	TOC	TOP OF CONCRETE
GALV	GALVANIZED	TOS	TOP OF STEEL
HC	HOLLOW CORE	TV	TELEVISION
HGT	HEIGHT	TYP	TYPICAL
HM	HOLLOW METAL	UNO	UNLESS NOTED OTHERWISE
HR	HOUR	U	UNDER
HVAC	HEATING VENTILATING AND AIR CONDITIONING	VIF	VERIFY IN FIELD
		W	WITH
		WC	WATER CLOSET
		WD	WOOD

LIST OF ABBREVIATIONS



VICINITY MAP

ADDRESS: 822 ORANGE GROVE PLACE, SOUTH PASADENA, CA 91030
 AIN: 5315-019-043
 LEGAL TRACT INFO.: MCCAMMENT TRACT LOT 17
 PROJECT SCOPE OF WORK: NEW 4 BEDROOM, 4.5 BATH AND 2 CAR GARAGE HOME.

ZONE: RM
 LOT AREA: 7,074 S.F.
 PARKING SPACE: 2
 DENSITY: 1 UNIT
 MAIN HOUSE
 1ST FLOOR AREA:
 1ST FL: 1,872 S.F.
 2 CAR GARAGE: 475 S.F.
 PORCH: 13 S.F.

2ND FLOOR AREA:
 2ND FL: 1,595 S.F.
 PATIO: 218 S.F.

LOT COVERAGE: $(1,872+475+13) / 7,074 \times 100\% = 33.36\%$
 F.A.R.: $(1,872+1,595)/7,074 \times 100\% = 3.467/7.074 \times 100\% = 49.0\% < 50\%$
 SET BACK:

FRONT: 30'-0"
 SIDE: 5'-0" / 5'-6"
 REAR: 50'-0"

TOTAL HARDSCAPE AREA: 1,871 S.F.
 TOTAL HARDSCAPE AREA / LOT AREA = $(1,871/7,074) \times 100\% = 26.4\%$

FRONT YARD SETBACK AREA: $30' \times 47' = 1,416$ S.F.
 FRONT YARD SETBACK AREA'S HARDSCAPE AREA: 632 S.F.
 FRONT YARD HARDSCAPE PERCENTAGE: $632/1,416 \times 100\% = 44.6\%$
 CONSTRUCTION TYPE: TYPE V-B / NON RATED
 OCCUPANCY: R-3/U
 FIRE SPRINKLERS: Y

2019 CALIFORNIA BUILDING CODE (CBC), THE 2019 CALIFORNIA RESIDENTIAL CODE (CRC), THE 2019 CALIFORNIA MECHANICAL CODE (CMC), THE 2019 CALIFORNIA PLUMBING CODE (CPC), THE 2019 CALIFORNIA ELECTRICAL CODE (CEC), THE 2019 CALIFORNIA ENERGY CODE (T24 - 6), THE 2019 CALIFORNIA GREEN BUILDING CODE (GBC) AND THE 2019 CALIFORNIA FIRE CODE (CFC), ALL WITH REFERENCED STANDARDS

PROJECT SUMMARY

NEW CUSTOM HOME

ANGUS WONG AND KATIE CHIU
 822 ORANGE GROVE PLACE,
 SOUTH PASADENA, CA 91030
 TEL: 626-203-3372

PROJECT INFORMATION

ARCHITECTURAL

- A-1 TITLE SHEET / INDEX / SUMMARY / SITE PLAN
- A-1.1 PUBLIC WORK CONDITIONS OF APPROVAL
- A-1.2 NEIGHBORHOOD STREET ELEVATION PICTURES
- A-2 DEMOLITION PLAN
- A-3 1ST FLR PLAN / 2ND FLR PLAN
- A-4 ROOF PLAN AND DETAILS
- A-5 WINDOW SCHEDULE
- A-6 DOOR SCHEDULE AND DETAILS
- A-7 EAST AND WEST ELEVATIONS
- A-8 NORTH AND SOUTH ELEVATIONS
- A-9 SECTIONS

DRAWING INDEX

ARCHITECT:
 KT DESIGN, INC.
 401 E CAMINO REAL AVE., ARCADIA, CA 91006
 (626) 203-3372

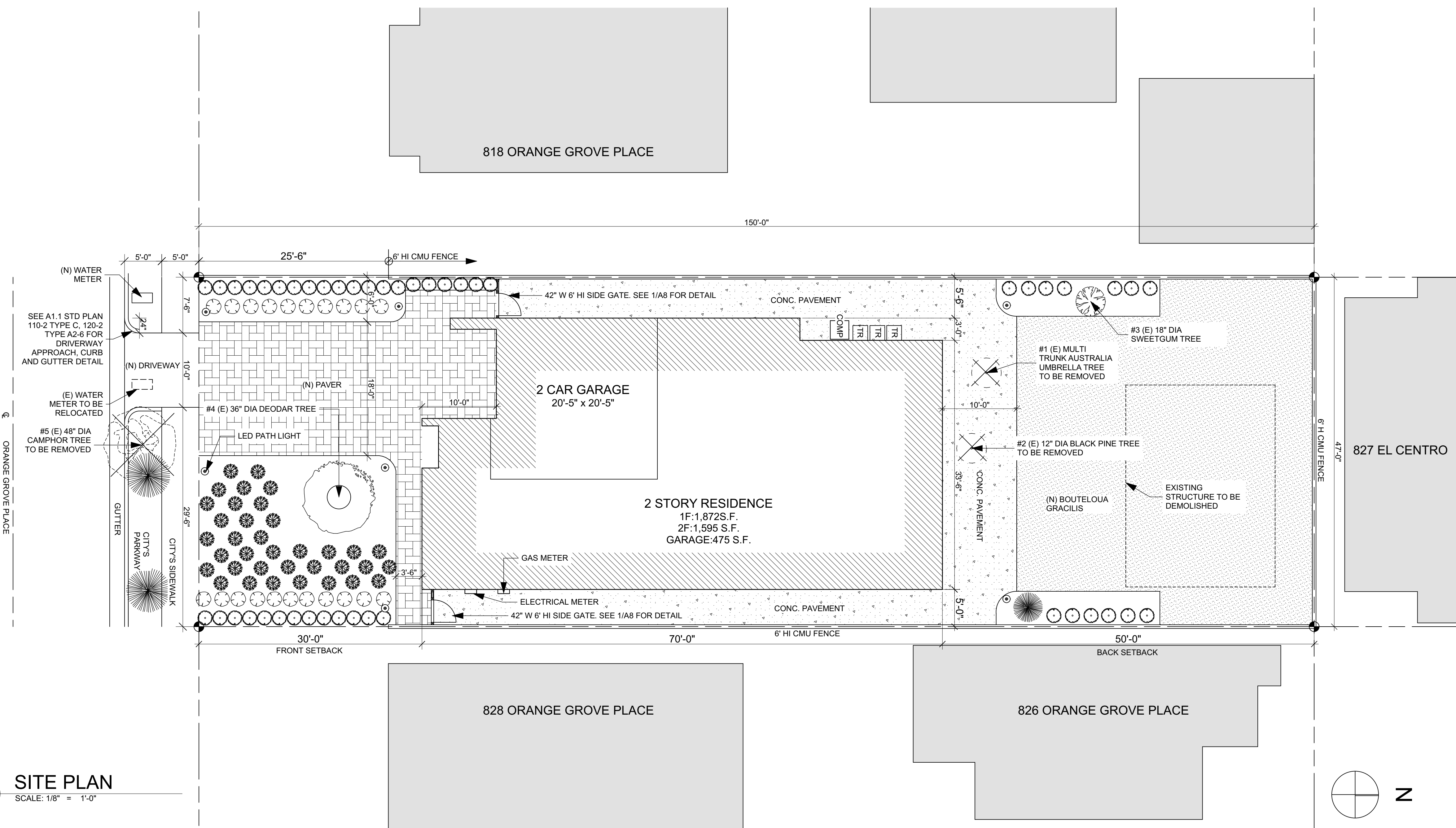
CONSULTANT

PLANTING LEGEND

#1		1	Schefflera actinophylla
		REMOVE	Australia umbrella tree
#2		1	Pinus thunbergii
		REMOVE	Japanese black pine
#3		1	Liquidambar styraciflua
		EXISTING	Sweetgum
#4		1	Cedrus deodara
		EXISTING	Deodar Tree
#5		1	Cinnamomum camphora
		REMOVE	Camphor
		3	Ginkgo Biloba
		24" BOX	Maidenhair tree
		46	Prunus caroliniana
		15 GAL.	Carolina cherry laurel @ 24" O.C.
		21	Furman's Red Autumn Sage
		5 GAL.	Salvia greggii 'Furman's Red' @ 30" O.C.
		36	Lomandra longifolia
		5 GAL.	Breeze Dwarf Mat Rush
		XX	BOUTELOUA GRACILIS
			UC VERDE BUFFALO GRASS

LANDSCAPE LIGHTING SCHEDULE:

⊕	7	Hinkley Atlantis Bronze Linear LED Path Light
		15" high x 6 1/2" wide x 1 3/4" deep.



1 SITE PLAN
 SCALE: 1/8" = 1'-0"

NEW CUSTOM HOME
 ANGUS WONG AND KATIE CHIU
 822 ORANGE GROVE PLACE,
 SOUTH PASADENA, CA 91030

REV	DATE	DESCRIPTION	BY	CHK

SHEET TITLE

COVER SHEET

A-1



CITY OF SOUTH PASADENA

PUBLIC WORKS DEPARTMENT

1414 MISSION, SOUTH PASADENA, CA 91030

TEL: 626.403.7240 ▪ FAX: 626.403-7241

March 8, 2021

Kaiting Chiu
822 Orange Grove Place
South Pasadena, CA 91030

Re: Tree Removal/Replacement Application – 822 Orange Grove Place

After reviewing your application, it has been determined to grant you a tentative approval for removal of three (3) trees (Schefflera 18"; Black Pine 10.5"; Camphor 49" – public tree) located on your property subject to the following conditions:

1. The tree removal permit must be obtained prior to scheduling any work to remove or transplant a tree. This tentative approval is exclusively for the tree removal process and is not to be construed as Project approval.
2. As per the South Pasadena Municipal Code Chapter 34, applicant shall plant fourteen (14) replacement trees on the subject property or City's property.
3. As the Public Works Department received input from neighbors objecting to removal of the tree, the tentative approval is subject to concurrence of the City's Natural Resources and Environmental Commission.

If you have any questions, please feel free to contact me at 626-403-7240.

Sincerely,

/s/
Leonna DeWitt
Public Works Assistant



ITEM 3: ADDITIONAL DOCUMENT

American Green Zone Alliance Presentation

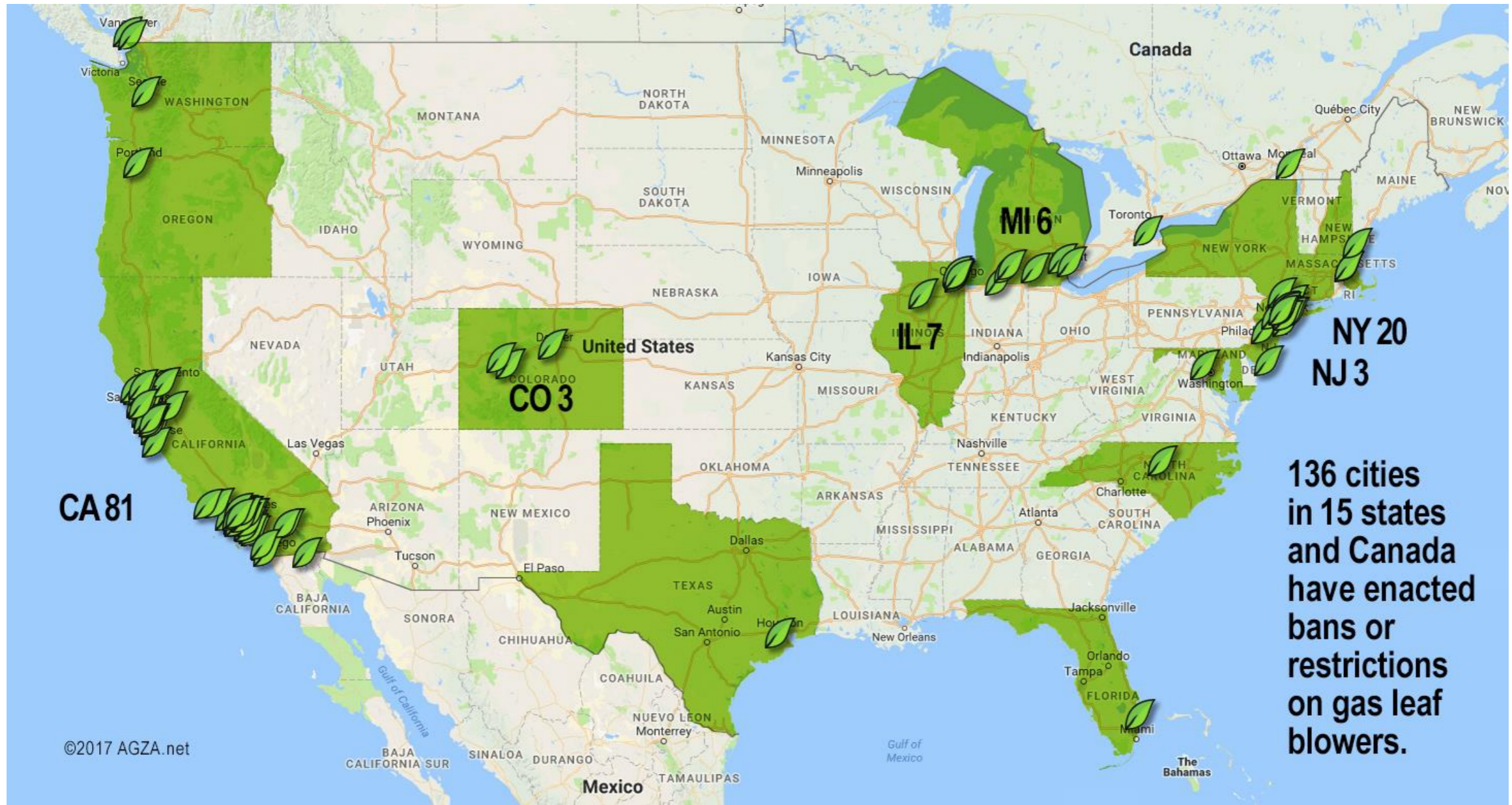


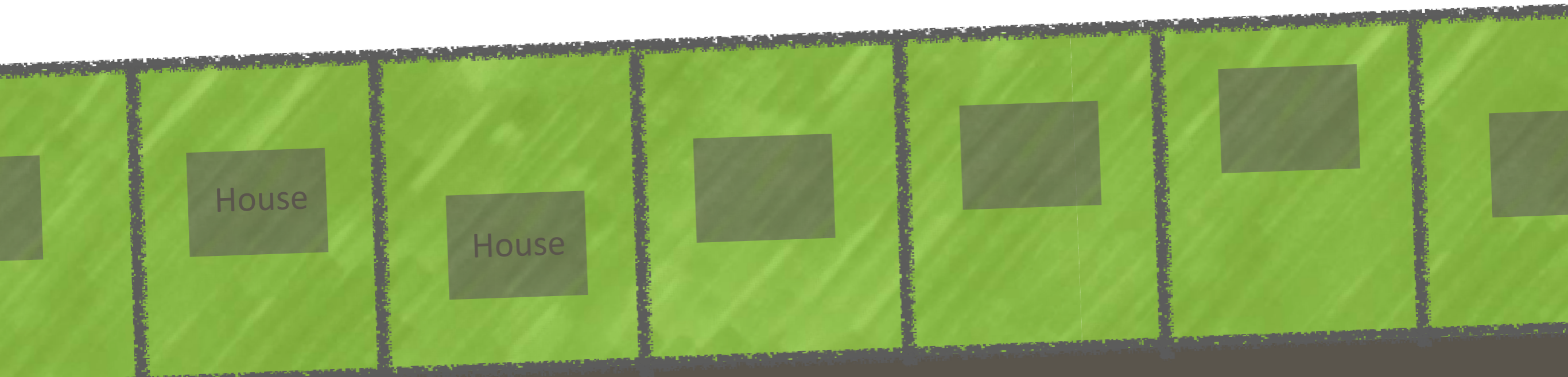
WELCOME

AGZA Initiatives 2021 NREC

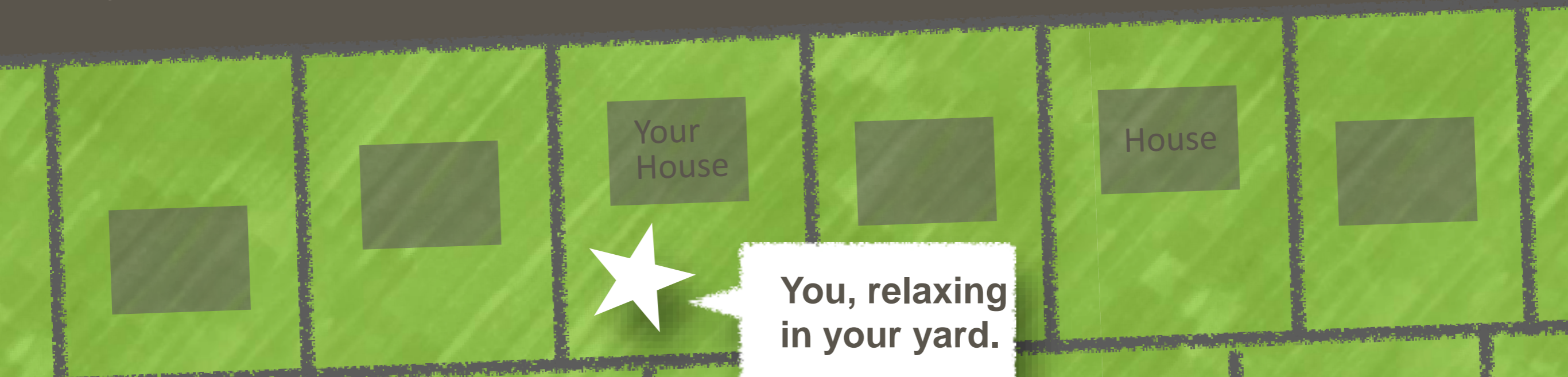


Leaf Blower Bans & Ordinances: Sweeping the Country





riendly Neighborhood Street





House

Hous

Noisy
Gas
Machine

Friendly Neighborhood Street

Your
Hous

@#%&

House

Noisy
Gas
Machine

House

House

Quieter
Electric
Machine

Friendly Neighborhood Street

Wow!
What a difference!
Thanks AGZA!

Your
House

House

Quieter
Electric
Machine

Addressing Worker Health and Environmental Justice

HEALTH RISKS



NOISE



VIRBRATION



EMISSIONS



GAS & OIL



TOXIC WASTE



South Pasadena: The Nation's First AGZA Green Zone City



The City of South Pasadena is the first
AGZA GREEN ZONE[®] CITY
in the nation! Learn more at AGZA.net



Garfield Park: The Nation's First AGZA Green Zone Municipal Park



South Pasadena: Environmental Landscape Footprint (ELF) Report

Annual Impact Reductions

59 tons / yr
Total Pollutants

45 tons / yr
Carbon Dioxide

13 tons / yr
Carbon
Monoxide

1,656 lbs / yr
Hydrocarbons

281 lbs / yr
Particulate
Matter

376 lbs / yr
Nitrogen Oxides

255 lbs / yr
Toxic Waste

185 lbs / yr
Solid Waste

40%-70%
Quieter

Perception: Look at the Equipment Before Demonizing the Worker







**Paradigm Shifts
in societal thinking.
Fresh Thinking about
Your Landscaping.**

Hyper Manicured Landscaping







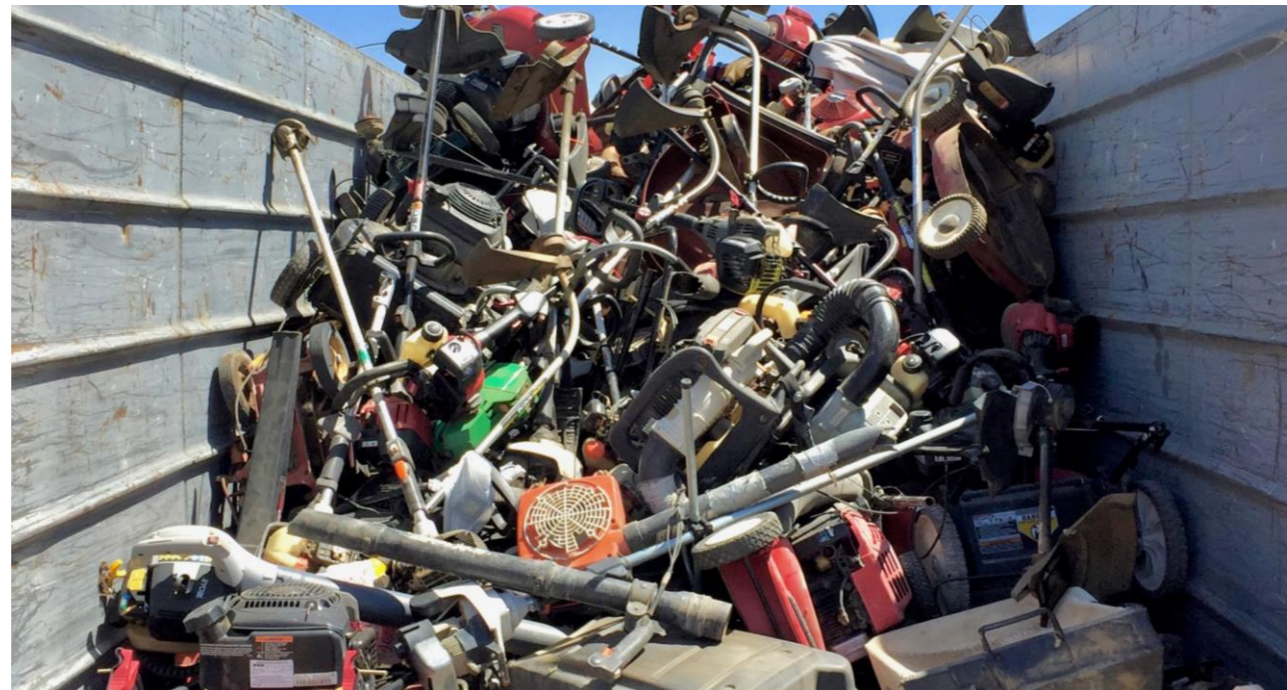
AGZA Resources/Solutions

- 1. Community workshops for homeowners and gardeners. These can be done by Zoom.**
- 2. Field workshops and tool demos for gardeners conducted at AGZA Certified Green Zone parks.**
- 3. Informational materials on how to transition to gas alternative equipment in Spanish and English.**

SCAQMD Exchange Pricing: Save up to 75% with gas trade-in



South Coast
Air Quality Management District



Cost of Fueling

The Fuel Matrix: What is the annual cost of fueling your grounds maintenance operations?

Sample Subjects Ten typical Los Angeles lawn crews servicing 65 to 75 homes per week

Fuel Consumption per Tool (in gal)	Tool	Weekly	Monthly	Annually
	Lawn Mower	3 – 5	12 – 20	144 – 240
	String Trimmer	1.5 - 2	6 – 8	72 – 96
	Leaf Blower	3 - 5	12 – 20	144 – 240
	Hedge Trimer	0.5 - 1	2 – 4	24 – 48
	Low Total	8	32	384 gallons per year

Now let's scale that up to LA County ...

Total Gardeners **30,000 to 35,000 independent lawn crews** operating in Los Angeles County

Total Gallons 384 gallons x 30,000 gardeners = **11.52 Million gallons per year**

Total Fuel Cost 11,520,000 x \$3.50 per gallon = **\$ 40.32 Million spent per year**

Total CO2 11,520,000 gallons x 19.6 lbs CO2 per gallon* = **112,896 tons CO2 emitted per year**

* US Energy Information Administration <https://www.eia.gov/tools/faqs/faq.php?id=307&t=10>