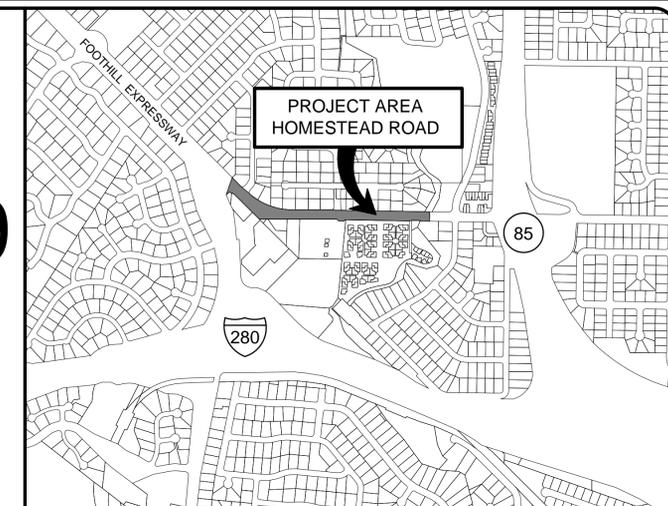


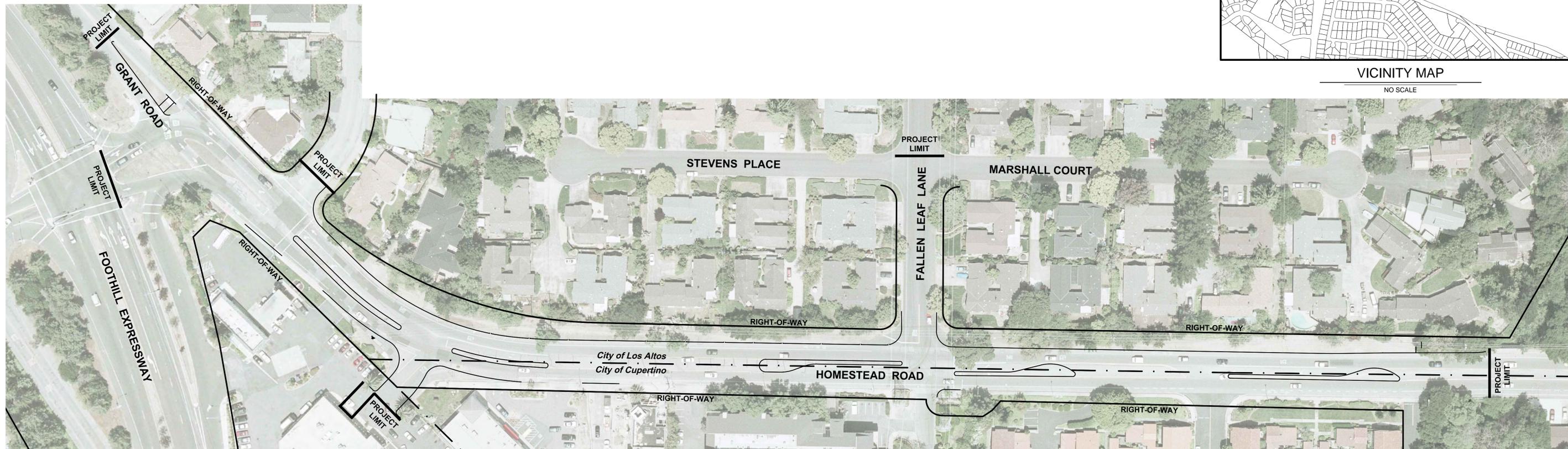
HOMESTEAD ROAD

SAFETY IMPROVEMENTS PROJECT 12-19

CITY OF LOS ALTOS, CALIFORNIA



VICINITY MAP
NO SCALE



LOCATION MAP

ABBREVIATIONS

BC	BEGINNING OF CURVE
DWY	DRIVEWAY
EC	END OF CURVE
EP	EDGE OF PAVEMENT
EX	EXISTING
FL	FLOWLINE
GND	GROUND
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	INVERT ELEVATION
LF	LINEAR FEET
OH WIRE	OVERHEAD WIRE
PAV	PAVEMENT
PCC	PORTLAND CEMENT CONCRETE
PED	PEDESTRIAN
PP	POWER POLE
PRC	POINT OF REVERSE CURVATURE
RCP	REINFORCED CONCRETE PIPE
RP	RADIUS POINT
R/W	RIGHT OF WAY
SD	STORM DRAIN
SS	SANITARY SEWER
SWK	SIDEWALK
TB	TOP OF BERM
TVC	TOP OF VERTICAL CURB
TC	TOP OF CURB
W	WATER

LEGEND

DESCRIPTION	EXISTING	NEW
WATER LINE	— W — W —	
WATER VALVE	⊕	
FIRE HYDRANT	⊕	
FENCE	— □ — □ —	
STORM DRAIN	— SD —	— SD —
GAS LINE	— G —	
ELECTRIC LINE OVERHEAD	— P —	
ELECTRIC LINE UNDERGROUND	— E —	
MANHOLE	○	■
STORM DRAIN INLET	⊕	■
CURB	—	—
CURB & GUTTER	—	—
CURVE LABEL	⊕	⊕
SURVEY CONTROL POINT	OR ▲	OR ▲
STREET LIGHT	⊕	⊕
HANDICAP RAMP	⊕	⊕
POWER POLE	⊕	⊕
CITY LIMITS	—	—
PACIFIC BELL MANHOLE	⊕	⊕



EXISTING UTILITY NOTE:

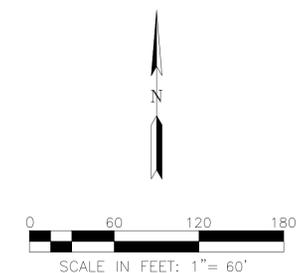
EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.), AT 1-800-227-2600. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF UTILITIES SHOWN ON THESE PLANS, INDICATED IN THE FIELD BY LOCATING SERVICES, OR EVIDENCED BY FACILITIES VISIBLE AT OR ADJACENT TO THE JOBSITE. ANY ADDITIONAL COST INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR AND IS DEEMED INCLUDED AND MERGED IN THE CONTRACT UNIT PRICE.

SHEET INDEX

SHEET NO.	TITLE
1	TITLE SHEET
2	EXISTING TOPOGRAPHY & SURVEY CONTROL W. END
3	EXISTING TOPOGRAPHY & SURVEY CONTROL E. END
4	DEMOLITION PLAN WESTERN END
5	DEMOLITION PLAN EASTERN END
6	PROJECT LAYOUT WESTERN END
7	PROJECT LAYOUT EASTERN END
8	PROJECT LAYOUT POINT COORDINATES
9	GRADING PLAN WESTERN END
10	GRADING PLAN EASTERN END
11	MICROSURFACING AND SIGNING AND STRIPING PLAN W. END
12	MICROSURFACING AND SIGNING AND STRIPING PLAN E. END
13	DETAILS SHEET
14	DETAILS SHEET
15	BLUEPRINT FOR A CLEAN BAY
16	E-1 TRAFFIC SIGNAL INSTALLATION
17	E-2 TRAFFIC SIGNAL NOTES & SCHEDULES
18	E-3 IN-ROADWAY WARNING LIGHTS
19	L-1 IRRIGATION PLAN - WESTERN END
20	L-2 IRRIGATION PLAN - EASTERN END
21	L-3 PLANTING PLAN - WESTERN END
22	L-4 PLANTING PLAN - EASTERN END
23-25	L-5 TO L-7 IRRIGATION DETAILS

TRAFFIC SIGNAL PLANS PREPARED BY:
HEXAGON TRANSPORTATION CONSULTANTS INC.
111 WEST ST. JOHN STREET, SUITE 850
SAN JOSE CALIFORNIA 95113
PH (408) 971-6100

LANDSCAPE PLANS PREPARED BY:
BELLINGER, FOSTER & STEINMETZ
445 SHERMAN AVENUE, SUITE W
PALO ALTO CALIFORNIA 93406
PH (650) 326-6622

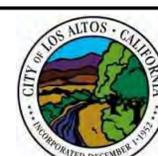


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ENGINEER	DATE		

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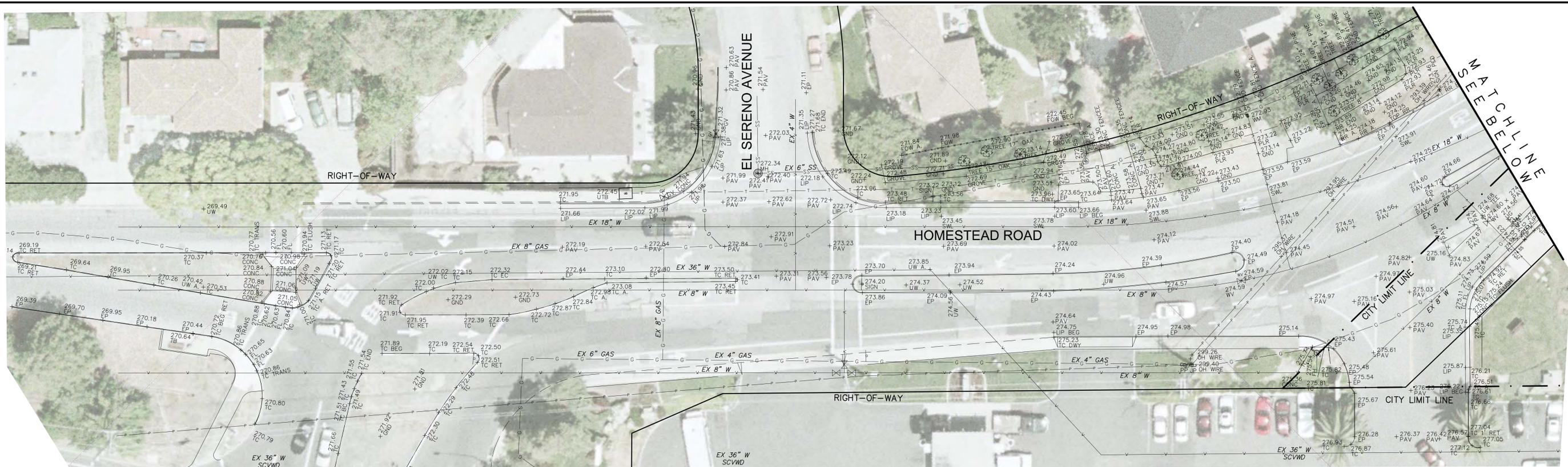
RUGGERI-JENSEN-AZAR
ENGINEERS • PLANNERS • SURVEYORS
8055 CAMINO ARROYO GILROY, CA 95020
PHONE: (408) 848-0300 FAX: (408) 848-0302

REVISIONS				
NO.	DATE	BY	DESCRIPTION	APPR. DATE



CITY OF LOS ALTOS
HOMESTEAD ROAD SAFETY IMPROVEMENTS
PROJECT 12-19
TITLE SHEET
PREPARED FOR: CITY OF LOS ALTOS

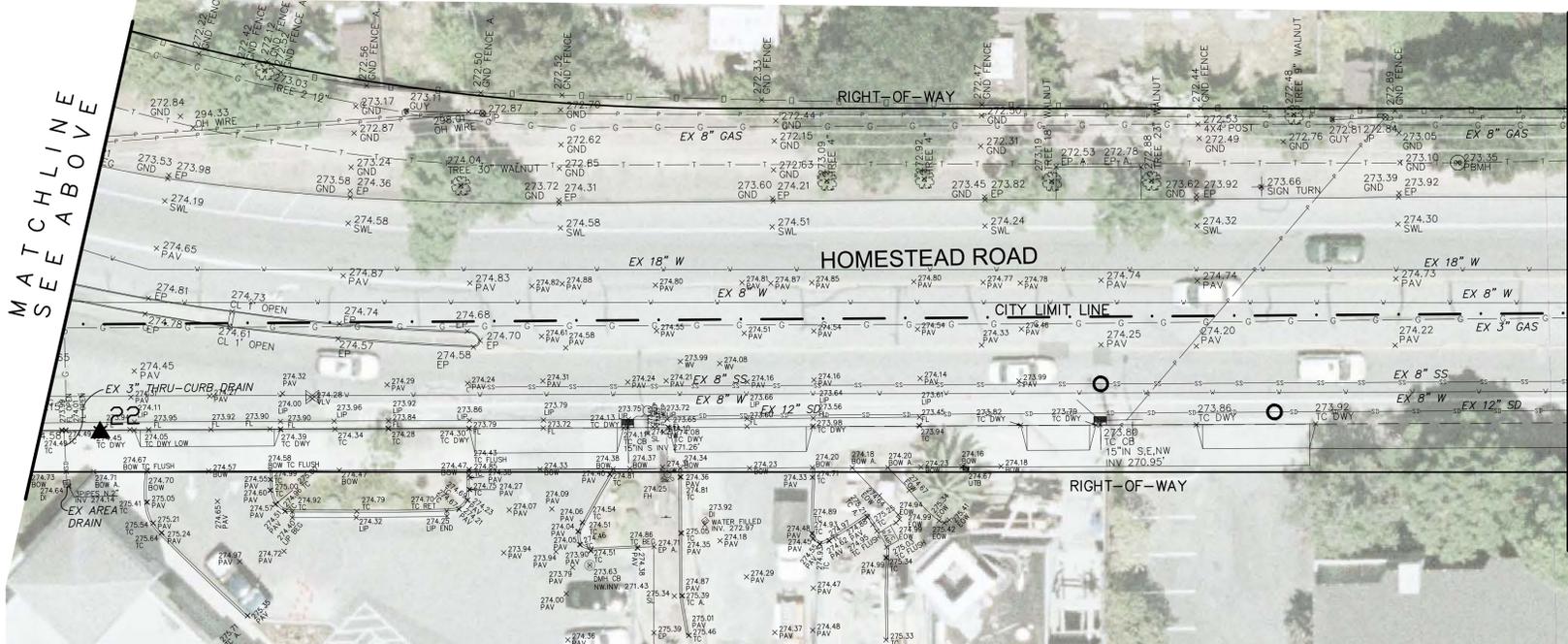
DRAWING NO.	1
SHT 1 OF 25	



HOMESTEAD ROAD EXISTING CONDITIONS

PLAN VIEW 1

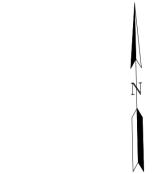
1"=20'



HOMESTEAD ROAD EXISTING CONDITIONS

PLAN VIEW 2

1"=20'



COORDINATE TABLE				
PT#	NORTHING	EASTING	ELEV	DESCRIPTION
20	1949153.2557	6107019.2944	267.08'	PK NAIL
21	1949162.8871	6106693.6768	274.68'	PK NAIL
22	1949139.7478	6106146.9520	274.49'	PK NAIL
23	1949175.8117	6107311.7893	256.24'	PK NAIL

BENCHMARK: SANTA CLARA VALLEY WATER DISTRICT BENCHMARK "BM486", A BRASS DISK ON TOP OF SIDEWALK, NEAR THE WESTERLY END OF THE NORTHERN GUARDRAIL FOR THE BRIDGE AT HOMESTEAD ROAD OVER STEVENS CREEK CHANNEL, ELEVATION (NAVD88) = 255.98 FEET.

HORIZONTAL DATUM: CALIFORNIA ZONE 3 NAD83 STATE PLANE GRID

RIGHT-OF-WAY AND CITY LIMITS LINES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS AND DO NOT REPRESENT A SURVEY.

EXISTING UTILITIES ARE SHOWN BASED ON RECORD INFORMATION. CONTRACTOR TO VERIFY ACTUAL LOCATIONS PRIOR TO CONSTRUCTION.

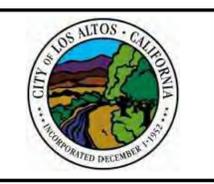
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CHECKED LS	DATE CHECKED NOV. 28, 2012	VERTICAL SCALE	
APPROVED		CONTRACT NO.	
ENGINEER	DATE		

PREPARED BY:



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CITY OF LOS ALTOS

HOMESTEAD ROAD SAFETY IMPROVEMENTS
PROJECT 12-19

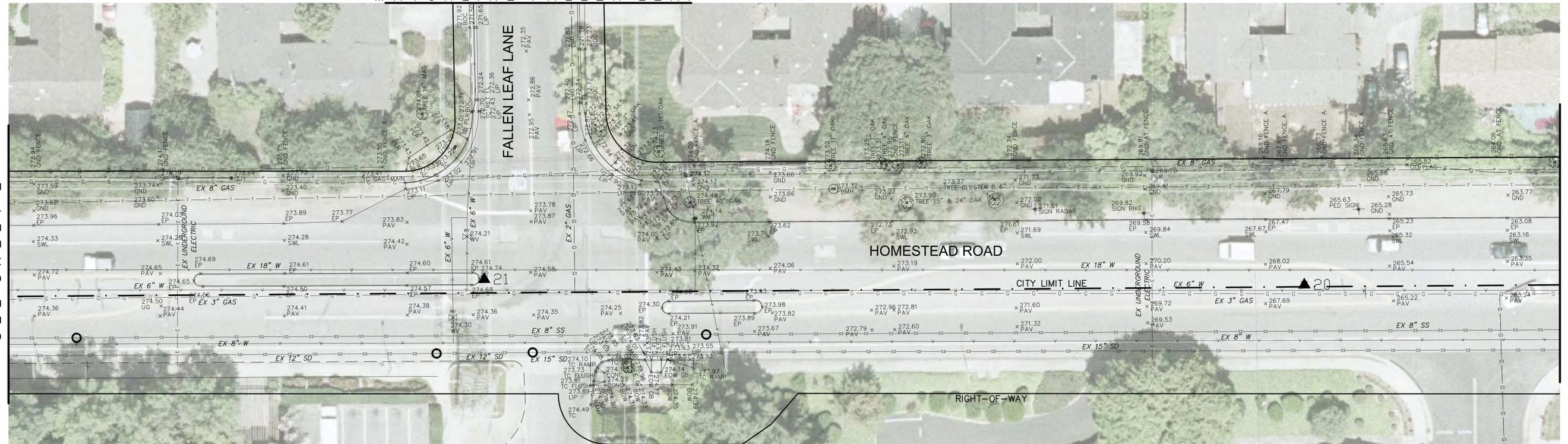
EXISTING TOPOGRAPHY & SURVEY CONTROL W. END

PREPARED FOR: CITY OF LOS ALTOS

DRAWING NO.	2
SHT 2 OF 25	

MATCHLINE FALLEN LEAF

MATCHLINE
SEE SHEET 2



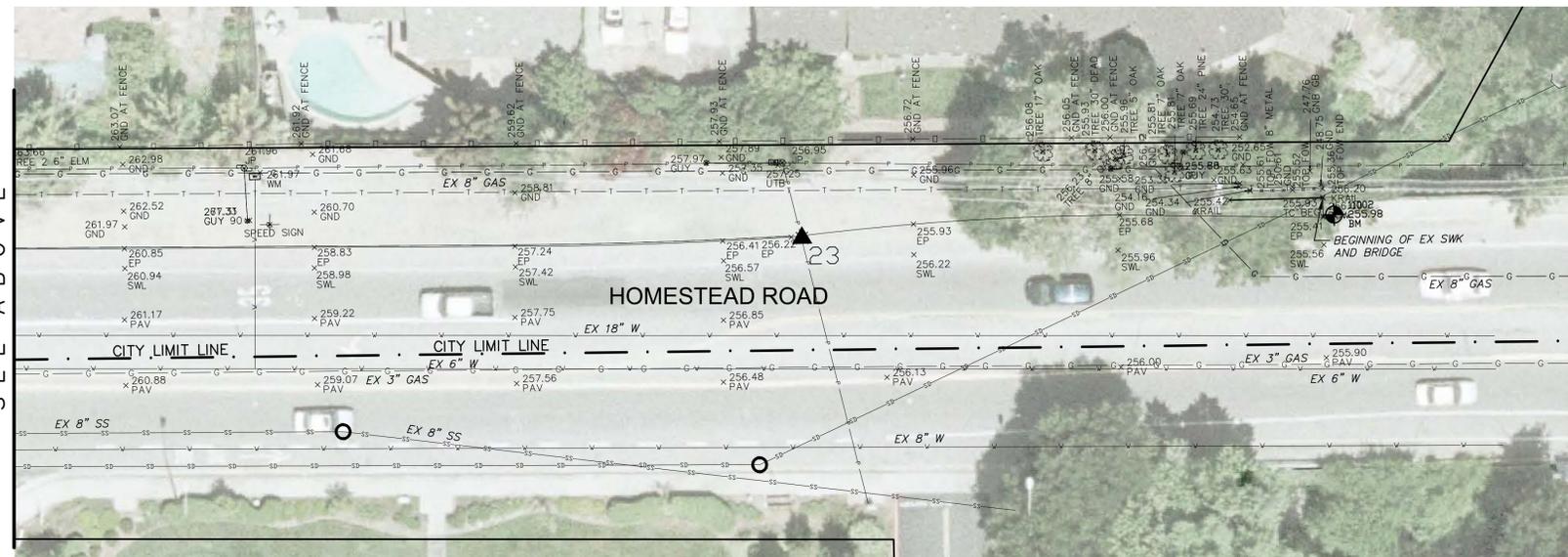
MATCHLINE
SEE BELOW

HOMESTEAD ROAD EXISTING CONDITIONS

PLAN VIEW 1

1"=20'

MATCHLINE
SEE ABOVE



HOMESTEAD ROAD EXISTING CONDITIONS

PLAN VIEW 2

1"=20'



MATCHLINE
FALLEN LEAF

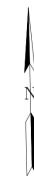
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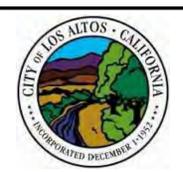
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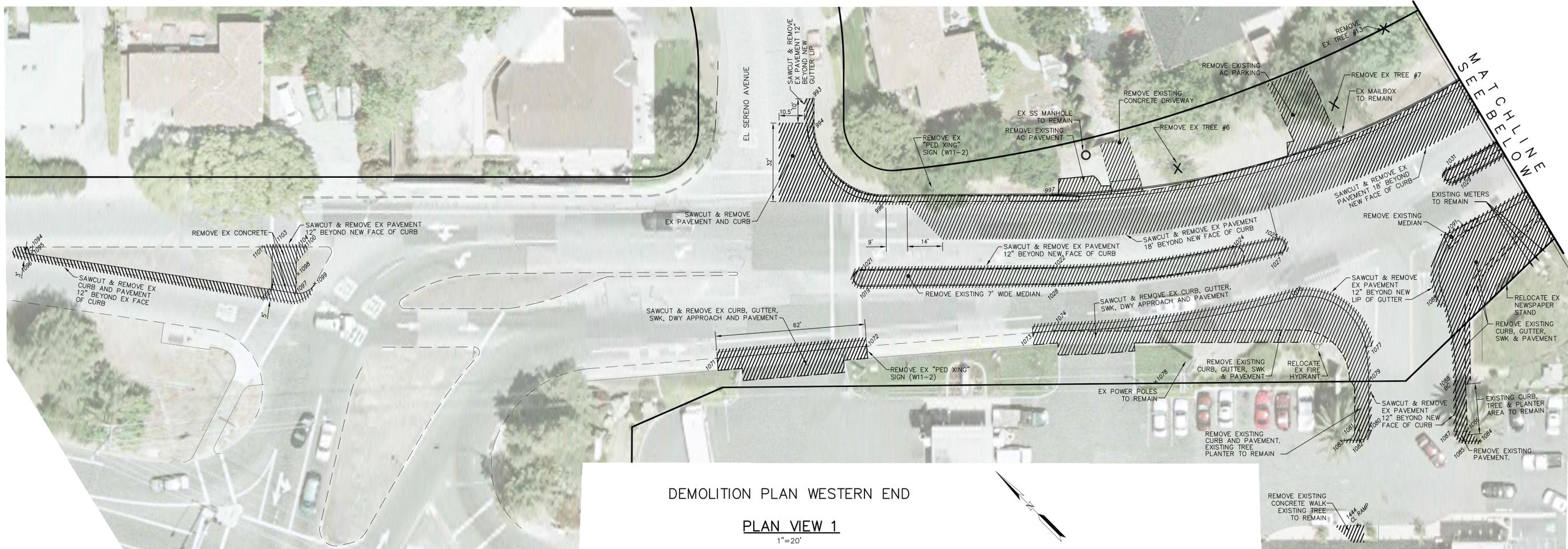
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PHONE: (408) 848-0300 FAX: (408) 848-0302

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CITY OF LOS ALTOS
HOMESTEAD ROAD SAFETY IMPROVEMENTS
PROJECT 12-19
EXISTING TOPOGRAPHY & SURVEY CONTROL E. END
PREPARED FOR: CITY OF LOS ALTOS

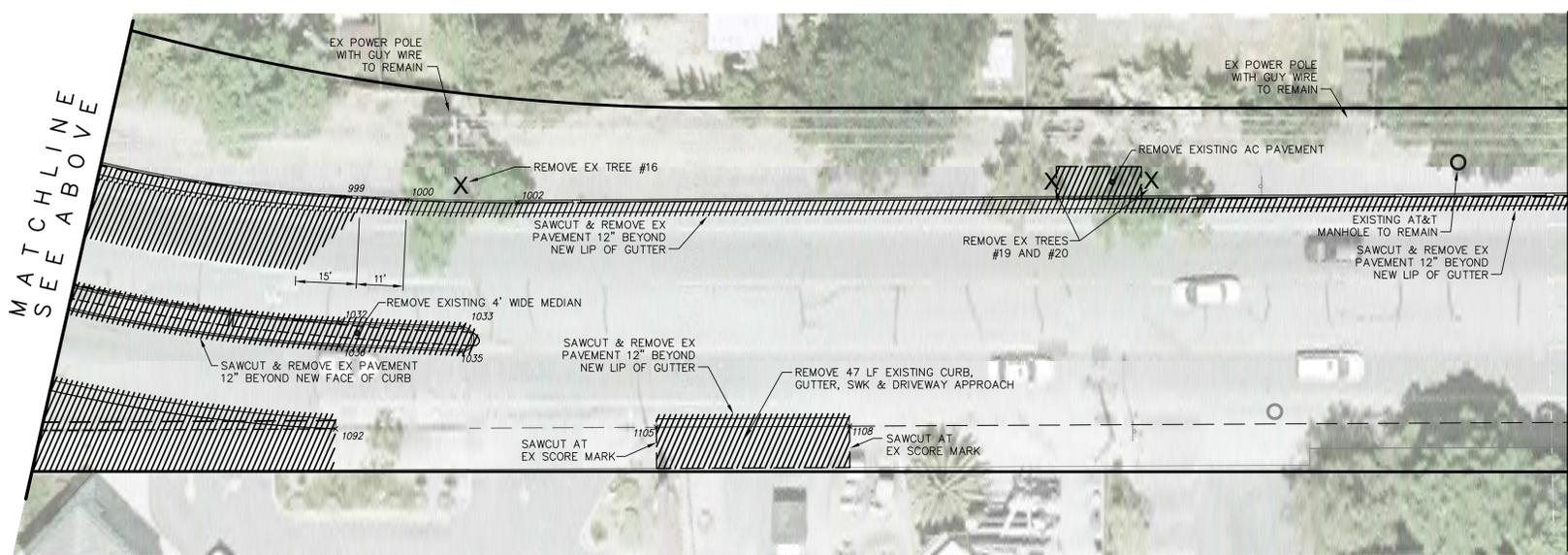
DRAWING NO.	3
SHT	3 OF 25



DEMOLITION PLAN WESTERN END

PLAN VIEW 1

1"=20'



DEMOLITION PLAN WESTERN END

PLAN VIEW 2

1"=20'



SEE SHEET 8 FOR POINT COORDINATES.

LEGEND



EXISTING IMPROVEMENTS TO BE REMOVED



REMOVE EX TREE AND GRIND STUMP

NOTES:

- SEE TREE NOTES, SHEET 5.
- ALL SIGNS, POLES, UTILITY BOXES, VAULTS, VALVES, MANHOLES OR OTHER APPURTENANCES SHALL BE PROTECTED IN PLACE AND ADJUST AS REQUIRED.



DRAWN LW	DESIGNED JS	HORIZONTAL SCALE 1"=20'	ENGINEER OF RECORD
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APPROVED		CONTRACT NO.	
ENGINEER	DATE		

PREPARED BY:



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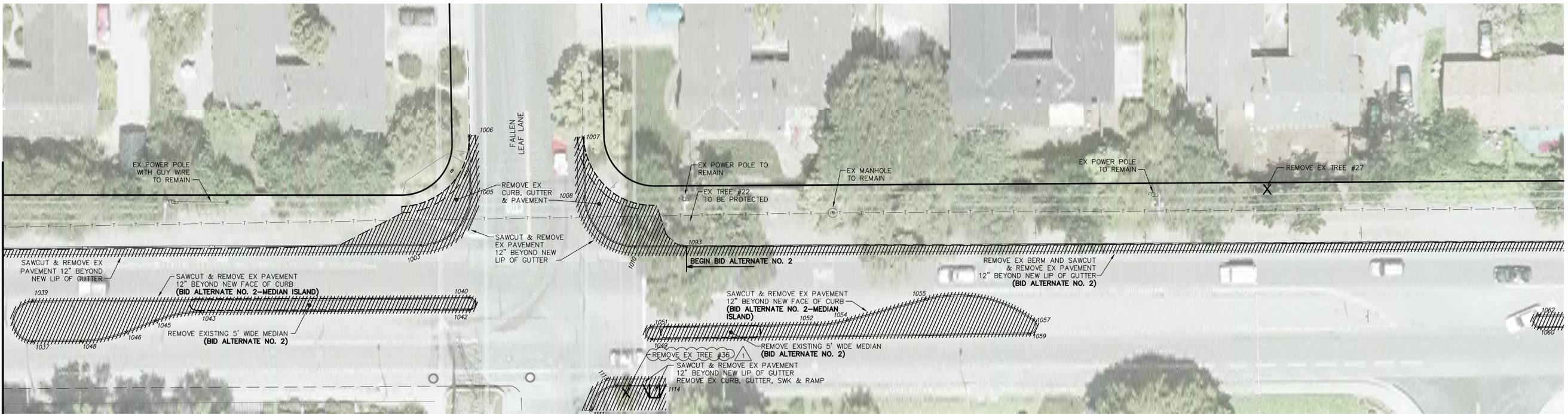
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NO.	DATE	BY	DESCRIPTION



CITY OF LOS ALTOS
HOMESTEAD ROAD SAFETY IMPROVEMENTS
PROJECT 12-19
DEMOLITION PLAN WESTERN END
PREPARED FOR: CITY OF LOS ALTOS

DRAWING NO.	4
SHT 4 OF 25	

MATCHLINE
SEE SHEET 4



MATCHLINE
SEE BELOW

DEMOLITION PLAN EASTERN END

PLAN VIEW 1

1"=20'

SEE SHEET 8 FOR POINT COORDINATES.

LEGEND



EXISTING IMPROVEMENTS TO BE REMOVED



REMOVE EX TREE AND GRIND STUMP

MATCHLINE
SEE ABOVE



DEMOLITION PLAN EASTERN END

PLAN VIEW 2

1"=20'

NOTES:

(PER ARBORIST REPORT TITLED "A TREE SURVEY ON THE NORTH SIDE OF HOMESTEAD ROAD LOS ALTOS" PREPARED BY BARRIE D. COATE, CONSULTING ARBORIST, DATED FEBRUARY 11, 2011)

1. TREES #6, 7, 13, 16, 19, 20, 27, 30 AND 36 SHALL BE REMOVED.
2. ALL TREES WITHIN HOMESTEAD ROAD RIGHT-OF-WAY BETWEEN FALLEN LEAF LANE AND STEVENS CREEK BRIDGE SHALL BE PRUNED.
3. THE FOLLOWING STEPS SHALL BE TAKEN IN THE VICINITY OF VALLEY OAK #22 AT FALLEN LEAF LANE:
 1. REMOVE ALL IVY BENEATH THE CANOPY AND INSIDE THE DRIP LINE.
 2. AVOID ANY TRENCHING INSIDE THE DRIP LINE.
 3. AVOID INSTALLATION OF PLANTS IN THE AREA BENEATH THE CANOPY AND INSIDE ITS DRIPLINE.
 4. DO HAVE A ISA CERTIFIED ARBORIST REDUCE ENDWEIGHTS OVER HOMESTEAD ROAD TO REDUCE THE LIKELIHOOD OF LIMB DROP OVER PUBLIC PROPERTY. AS MUCH AS 6 TO 8 FEET OF ENDWEIGHT GROWTH COULD BE REMOVED BUT NO MORE THAN 25% OF THE TOTAL LEAF AND TWIG SURFACE SHOULD BE REMOVED.
 5. IF ANY WHEELED GRADING EQUIPMENT IS TO BE USED IN THIS VICINITY, A 6 FOOT TALL CHAINLINK FENCE MOUNTED ON 2 INCH GALVANIZED IRON POSTS SHOULD BE INSTALLED AT THE DRIPLINE OF THIS TREE TO PREVENT WHEELED EQUIPMENT FROM COMPRESSING SOIL BENEATH ITS CANOPY.
4. ALL SIGNS, POLES, UTILITY BOXES, VAULTS, VALVES, MANHOLES OR OTHER APPURTENANCES SHALL BE PROTECTED IN PLACE AND ADJUST AS REQUIRED.



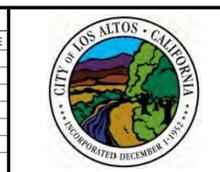
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NO.	DATE	BY	DESCRIPTION	APPR.	DATE
1	1/28/13		ADDENDUM #1, UPDATED TREE NOTES #1 AND #2, LABELED TREE #36		



CITY OF LOS ALTOS

HOMESTEAD ROAD SAFETY IMPROVEMENTS
PROJECT 12-19

DEMOLITION PLAN EASTERN END

PREPARED FOR: CITY OF LOS ALTOS

DRAWING NO.
5
SHT 5 OF 25