ORCHARD GARDENS PARK EXPANSION

SUNNYVALE, CALIFORNIA

CITY PROJECT NO. PR14/06-14

GENERAL NOTES

1. **DESIGN INTENT:** THESE DRAWINGS REPRESENT THE GENERAL DESIGN INTENT TO BE IMPLEMENTED ON THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ENGINEER FOR ANY ADDITIONAL CLARIFICATION OR DETAILS NECESSARY TO ACCOMMODATE SITE CONDITIONS.

2. **CONTRACTORS' JOB SITE CONDITIONS:** CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR SITE CONDITIONS DURING CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE LANDSCAPE ARCHITECT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE LANDSCAPE ARCHITECT.

3. **COMPOSITE BASE SHEET:** THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS ARE SUPERIMPOSED ON A BASE SHEET. THIS BASE SHEET IS COMPILED FROM THE TOPOGRAPHIC SURVEY, ENGINEERING DOCUMENTS, ARCHITECTURAL DOCUMENTS AND OTHER DATA AS MADE AVAILABLE TO THE LANDSCAPE ARCHITECT, WHO SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS OR OTHER ERRORS ON THE DOCUMENTS NOT PREPARED BY THE LANDSCAPE ARCHITECT OR SUB-CONSULTANTS. THE COMPOSITE BASE SHEET IS PROVIDED AS AN AID ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS AND INCORPORATING/ INTEGRATING ALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE SAME. THE BASE SHEET SOURCE FOR THIS PROJECT IS:

   BELLECCI & ASSOCIATES
   6601 KOLL CENTER PARKWAY, #240, PLEASANTON, CA 94588
   TEL: (925) 681-4885
   SHEET NAME: TOPOGRAPHIC SURVEY GARNER DRIVE, TOPOGRAPHIC SURVEY DONA AVENUE
   SHEET NO: S1, S2
   DATE: DECEMBER 20, 2013

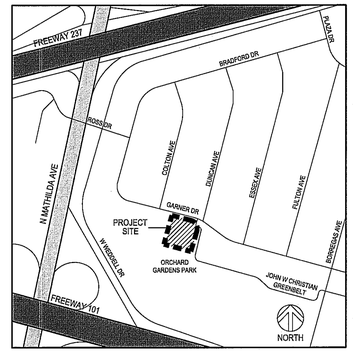
4. **UTILITIES:** A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. THE CONTRACTOR IS CAUTIONED THAT ONLY EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATION AND DEPTHS OF SUCH UNDERGROUND UTILITIES. HOWEVER, THE LANDSCAPE ARCHITECT CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH ARE NOT SHOWN ON THESE DRAWINGS. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES INVOLVED AND REQUESTING A VISUAL VERIFICATION OF THE LOCATIONS OF THEIR UNDERGROUND FACILITIES. THE UTILITY COMPANIES ARE MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ON-CALL PROGRAM. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF THE U.S.A., (800) 227-2600 AND THE CITY PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS (2 WORKING DAYS) PRIOR TO BEGINNING ANY EXCAVATION IN THE VICINITY OF UNDERGROUND FACILITIES. EXCAVATION IS DEFINED AS BEING 18 OR MORE INCHES IN DEPTH BELOW THE EXISTING SURFACE.

5. **UNAUTHORIZED CHANGES AND USES:** ALL PROPOSED CHANGES TO THE PLANS MUST BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IN WRITING AND MUST BE APPROVED BY THE LANDSCAPE ARCHITECT IN ADVANCE. LANDSCAPE ARCHITECT WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR UNAUTHORIZED CHANGES TO, OR USE OF THESE PLANS. ALL COMMUNICATION WITH LANDSCAPE ARCHITECT IS TO GO THROUGH CITY ENGINEER.

6. INSTALL THIS PROJECT IN ACCORDANCE WITH CURRENT CITY OF SUNNYVALE STANDARD DETAILS AND SPECIFICATIONS AND SPECIAL PROVISIONS.

ABBREVIATIONS

ARCH	ARCHITECTURAL	MFBR	MANUFACTURER
AC	ASPHALTIC CONCRETE	(N)	NEW
BS	BOTTOM OF STEP	NIC	NOT IN CONTRACT
BW	BOTTOM OF WALL	NTS	NOT TO SCALE
CAL	CALIPER	OC	ON CENTER
CB	CATCH BASIN	PA	PLANTING AREA
CL	CHAIN LINK	PERF	PERFORATED
CLR	CLEARANCE	R	RADIUS
CONC	CONCRETE	RDWD	REDWOOD
CONT	CONTINUOUS	RE	RIM ELEVATION
CP	CENTER POINT	REQ'D	REQUIRED
DG	DECOMPOSED GRANITE	RL	RIDGE LINE
DI	DROP INLET	SAD	SEE ARCHITECTURAL DRAWINGS
DIA	DIAMETER		
(E)	EXISTING	SCD	SEE CIVIL DRAWINGS
EL	ELEVATION	SED	SEE ELECTRICAL DRAWINGS
EQ	EQUAL		
EW	EACH WAY	SD	STORM DRAIN
FG	FINISHED GRADE	SIM	SIMILAR
FL	FLOW LINE	SPD	SPREAD
FOC	FACE OF CURB	SPECS	SPECIFICATIONS
FS	FINISHED SURFACE	STD	STANDARD
FTG	FOOTING	STL	STEEL
GAL	GALLON	SQ	SQUARE
GALV	GALVANIZED	TBD	TO BE DETERMINED
GB	GRADE BREAK	TBR	TO BE REMOVED
HDR	HEADER	TC	TOP OF CURB
HP	HIGH POINT	TD	TOP OF DRAIN
HT	HEIGHT	TR	TO REMAIN
HORIZ	HORIZONTAL	TS	TOP OF STEP
IE	INVERT ELEVATION	TW	TOP OF WALL
INT	INTERSECTING	TYP	TYPICAL
L	LENGTH	VERT	VERTICAL
LOW	LIMIT OF WORK	VIF	VERIFY IN FIELD
LP	LOW POINT	WC	WHEELCHAIR



VICINITY MAP
NTS

OWNER

CITY OF SUNNYVALE
DEPARTMENT OF PUBLIC WORKS
456 WEST OLIVE AVENUE
SUNNYVALE, CA 94088-3707
(408) 730 7605
CONTACT: NATHAN SCRIBNER, CITY PROJECT MANAGER

PRIME CONSULTANT

HARRIS DESIGN LANDSCAPE ARCHITECTURE
755 FOLGER AVENUE
BERKELEY, CA 94710
(510) 647-3792
CONTACT: BILL HARRIS

SUBCONSULTANTS

CIVIL ENGINEER
BELLECCI & ASSOCIATES, INC
6601 KOLL CENTER PARKWAY, STE. 240
PLEASANTON, CA 94588
(925) 681-4885
CONTACT: DANIEL LEARY

ELECTRICAL ENGINEERING
MILLER PEZZONI & ASSOCIATES
909 FIFTEENTH STREET
MODESTO, CA 95354
(209) 575-0312
CONTACT: KEVIN PEZZONI

SHEET INDEX

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CIVIL	
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S2	TOPOGRAPHIC SURVEY DONA AVE
C1	DEMOLITION PLAN GARNER DRIVE
C2	DEMOLITION PLAN DONA AVENUE
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L5.1-L5.4	LANDSCAPE CONSTRUCTION DETAILS
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E4	LIGHTING PHOTOMETRICS SITE PLAN
E5	TITLE 24 COMPLIANCE FORMS

ACCEPTANCE OF PLANS

THE CITY OF SUNNYVALE HEREBY ACCEPTS THESE PLANS FOR CONSTRUCTION, AS BEING IN GENERAL COMPLIANCE WITH PLANS PREPARATION REQUIREMENTS OF THIS GOVERNMENT. RESPONSIBILITY FOR THE COMPLETENESS AND ACCURACY OF THE PLANS AND RELATED DESIGN RESIDES WITH THE ENGINEER AND ENGINEERING FIRM OF RECORD.

8/19/14
MANUEL PINEDA — DATE
ASSISTANT DIRECTOR OF
PUBLIC WORKS/CITY ENGINEER
CITY OF SUNNYVALE

RECOMMENDED FOR ACCEPTANCE:

Scott Morton 8/19/14
SCOTT MORTON — DATE
SUPERINTENDENT OF PARKS AND GOLF
PUBLIC WORKS
CITY OF SUNNYVALE

SUBMITTED BY:

7/31/14
DATE

Building Safety Division
City of Sunnyvale
AUG 19 2014
For installation in the City of Sunnyvale subject to code requirements
APPROVED
BUILDING-PLUMBING-ELECTRICAL-MECHANICAL
The issuance of this plan shall not be held to permit or to be a waiver of any provisions of any planning, City, or State law.

JOB COPY
These plans must be kept on the job at all times.
CITY OF SUNNYVALE

CERTIFICATION OF PEER REVIEW

THE UNDERSIGNED HEREBY CERTIFIES THAT A PROFESSIONAL PEER REVIEW OF THESE PLANS AND THE REQUIRED DESIGN WAS CONDUCTED BY ME, A LICENSED PROFESSIONAL LANDSCAPE ARCHITECT WITH EXPERTISE AND EXPERIENCE IN THE APPROPRIATE FIELD OF LANDSCAPE ARCHITECTURE EQUAL TO OR GREATER THAN THE DESIGNER OF RECORD, AND THAT ALL APPROPRIATE CORRECTIONS HAVE BEEN MADE.

JUDITH CLARK DALE — Judith Clark Dale — 7/31/14
PRINT NAME — SIGNATURE — DATE

Calif. Reg. #2396 — 9/30/14
LICENSE NO. — RENEWAL DATE

Rev.	Description	Date
	60% SUBMITTAL	12-20-13
	90% SUBMITTAL	02-28-14
	100% SUBMITTAL	04-04-14
	BID SET	07-31-14

HARRIS DESIGN
Landscape Architecture
Urban Design
755 Folger Avenue
Berkeley, CA 94710
t: 510.647.3792
www.hd-la.com

LICENSED LANDSCAPE ARCHITECT — WILLIAM S. HARRIS — 08-31-14 — STATE OF CALIFORNIA

Scale	
Designed By:	
Drawn By:	PL/LY
Checked By:	BH
Consultant's Job No.	13.02

ORCHARD GARDENS PARK EXPANSION PROJECT

CITY OF SUNNYVALE CALIFORNIA

City of Sunnyvale
Santa Clara County
California

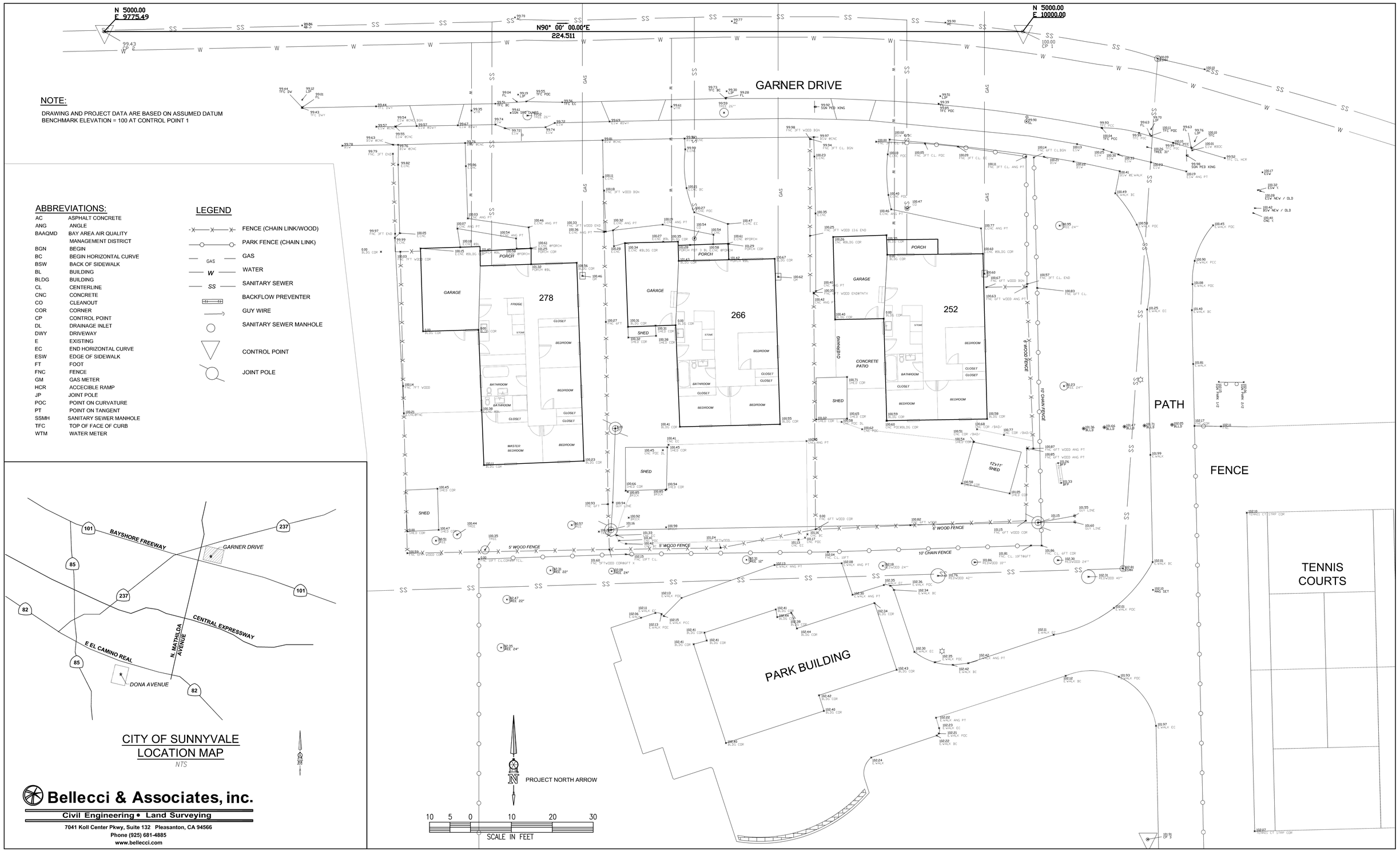
Department of Public Works
456 West Olive Avenue
P.O. Box 3707
Sunnyvale 94088-3707

City of Sunnyvale
Project No.
PR-14/06-14

Drawing No.
T1

Sheet ____ of ____

FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
0 1 2 3



NOTE:

DRAWING AND PROJECT DATA ARE BASED ON ASSUMED DATUM
BENCHMARK ELEVATION = 100 AT CONTROL POINT 1

ABBREVIATIONS:

AC	ASPHALT CONCRETE
ANG	ANGLE
BAAQMD	BAY AREA AIR QUALITY MANAGEMENT DISTRICT
BGN	BEGIN
BC	BEGIN HORIZONTAL CURVE
BSW	BACK OF SIDEWALK
BL	BUILDING
BLDG	BUILDING
CL	CENTERLINE
CNC	CONCRETE
CO	CLEANOUT
COR	CORNER
CP	CONTROL POINT
DL	DRAINAGE INLET
DWY	DRIVEWAY
E	EXISTING
EC	END HORIZONTAL CURVE
ESW	EDGE OF SIDEWALK
FT	FOOT
FNC	FENCE
GM	GAS METER
HCR	ACCECIBLE RAMP
JP	JOINT POLE
POC	POINT ON CURVATURE
PT	POINT ON TANGENT
SSMH	SANITARY SEWER MANHOLE
TFC	TOP OF FACE OF CURB
WTM	WATER METER

LEGEND

- FENCE (CHAIN LINK/WOOD)
- PARK FENCE (CHAIN LINK)
- GAS
- WATER
- SANITARY SEWER
- BACKFLOW PREVENTER
- GUY WIRE
- SANITARY SEWER MANHOLE
- CONTROL POINT
- JOINT POLE

CITY OF SUNNYVALE LOCATION MAP

NTS

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
7041 Koll Center Pkwy, Suite 132 Pleasanton, CA 94566
Phone (925) 681-4885
www.bellecci.com

Rev.	Description	Date
	60% SUBMITTAL	12–20–13
	90% SUBMITTAL	02–14–14
	100% SUBMITTAL	04–04–14
	BID SET	07–31–14

HARRIS DESIGN
Landscape Architecture
Urban Design
755 Folger Avenue
Berkeley, CA 94710
t: 510.647.3792
www.hd-la.com

LICENSED LAND SURVEYOR CHARLES N. CARR 8-30-15 STATE OF CALIFORNIA

Scale	1" – 10'–0"
Designed By:	AA
Drawn By:	HN
Checked By:	DL
Consultant's Job No.	13.02

ORCHARD GARDENS PARK EXPANSION PROJECT

TOPOGRAPHIC SURVEY
GARNER DRIVE

City of Sunnyvale
Santa Clara County
California

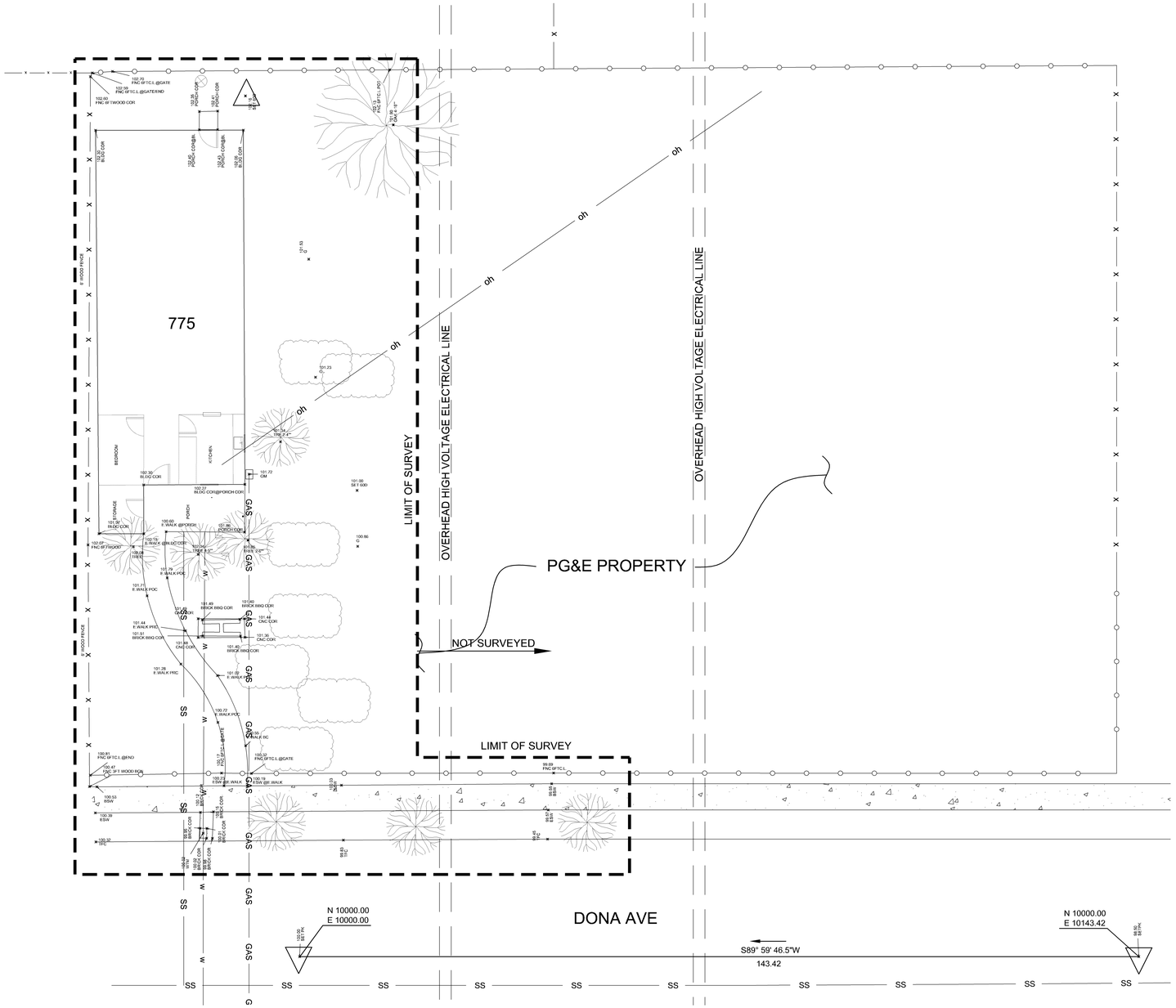
Department of Public Works
456 West Olive Avenue
P.O. Box 3707
Sunnyvale 94088–3707

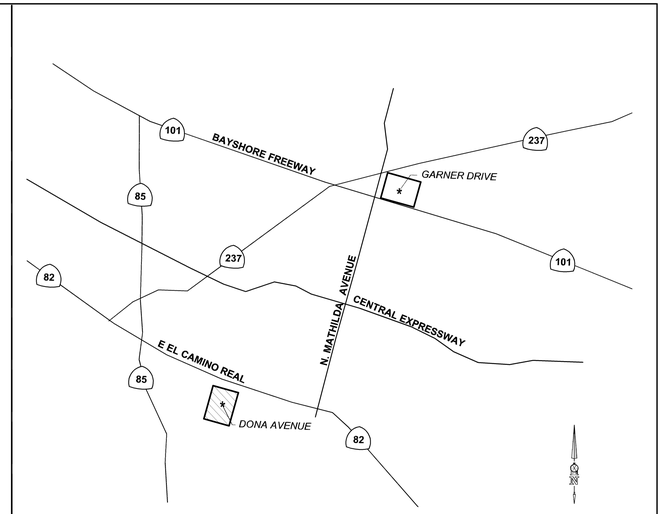
City of Sunnyvale Project No.

Drawing No.

Sheet S1 of

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3





CITY OF SUNNYVALE
LOCATION MAP
NTS

NOTES:

- DRAWING AND PROJECT DATA ARE BASED ON ASSUMED DATUM BENCHMARK ELEVATION = 100
- REFER TO S1 FOR LEGEND AND ABBREVIATIONS

PROJECT NORTH ARROW

10 5 0 10 20 30
SCALE IN FEET

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755 Folger Avenue
Berkeley, CA 94710
t: 510.647.3792
www.hd-la.com

LICENSED LAND SURVEYOR CHARLES N. CAPP No. 6925 STATE OF CALIFORNIA

Scale	1" = 10'
Designed By:	AA
Drawn By:	HN
Checked By:	DL
Consultant's Job No.	13.02

ORCHARD GARDENS PARK EXPANSION PROJECT

TOPOGRAPHIC SURVEY
DONA AVENUE

CITY OF SUNNYVALE CALIFORNIA

City of Sunnyvale
Santa Clara County
California

Department of Public Works
456 West Olive Avenue
P.O. Box 3707
Sunnyvale 94088–3707

City of Sunnyvale Project No.

Drawing No.

Sheet S2 of

FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
0 1 2 3

GENERAL NOTES:

- REMOVE ALL EXISTING BUILDING FACILITIES
- BUILDINGS HAS STEM FOOTING OUTSIDE
- CRAWL SPACE UNDERNEATH THE HOUSES EXCEPT FOR THE GARAGE
- THE GARAGE IS A CONCRETE SLAB ON GRADE

DEMOLITION LIMITS OF WORK
AREA = 0.54 ACRES

10 5 0 10 20 30
SCALE IN FEET

NOTES:

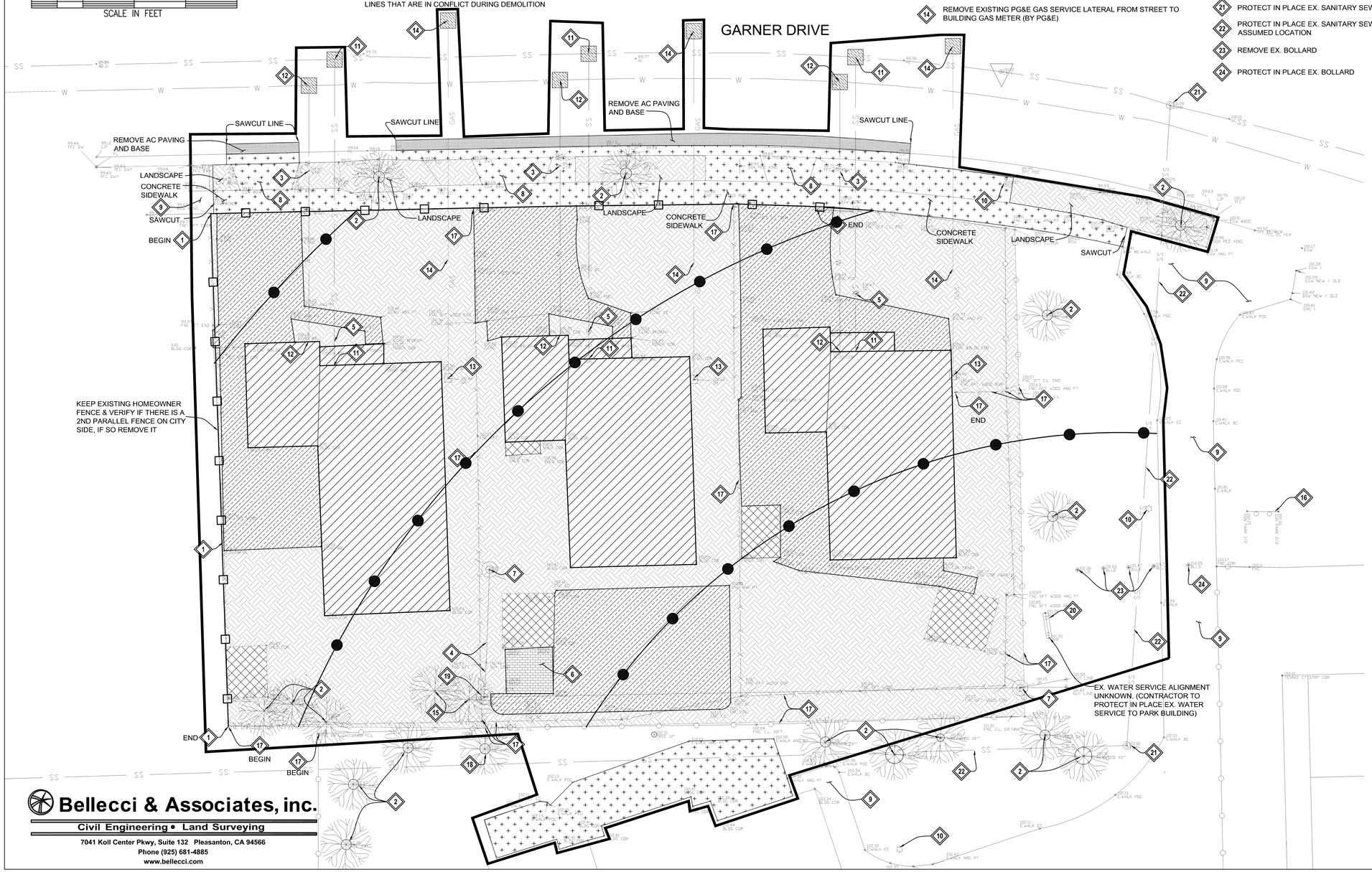
- SIDEWALK, ASPHALT, CURB AND GUTTER DEMOLITION SHALL OCCUR AFTER BUILDING DEMOLITION.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH PG&E INCLUDING, PREPARING & SUBMITTING THE APPLICATION AND PAYING FEES.
- STEPS FOR DISCONNECTION OF PG&E SERVICES
  - CONTACT PG&E AND HAVE THEM STOP ANY SERVICE/BILLING THAT ARE STILL ACTIVATED
  - FILL OUT THE "EXISTING SERVICE- RELOCATE/CHANGE SERVICE" APPLICATION FROM PG&E
- CONTRACTOR MUST APPLY FOR AND OBTAIN A SEPARATE DEMOLITION PERMIT FROM THE CITY OF SUNNYVALE BUILDING DEPARTMENT FOR EACH BUILDING TO BE REMOVED.
- CONTRACTOR IS REQUIRED TO OBTAIN A "J" NUMBER FROM THE BAAQMD FOR EACH BUILDING
- CONTRACTOR TO REMOVE AND DISPOSE OF ANY AND ALL CONTENT OF THE BUILDINGS OR ANY DUMPED MATERIAL
- CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL IRRIGATION LINES THAT ARE IN CONFLICT DURING DEMOLITION

CONSTRUCTION NOTES:

1. PROTECT IN PLACE EXISTING FENCE, FOOTING, POST, GATES AND FOUNDATION. ANY DAMAGES TO THE FENCE, FOOTING, POST, GATES AND FOUNDATION SHALL BE REPLACE AT THE CONTRACTOR'S EXPENSE.
2. PROTECT IN PLACE EXISTING TREES.
3. REMOVE EXISTING WATER METER BOX AND METER. SALVAGE EXISTING WATER METER TO THE CITY OF SUNNYVALE CORPORATION YARD. BACKFILL HOLE WITH NATIVE SOIL TO 85% RELATIVE COMPACTION.
4. REMOVE EXISTING ELECTRICAL GUY WIRE (BY PG&E).
5. REMOVE EXISTING SEWER CLEAN OUT.
6. REMOVE EXISTING BRICK PATIO AND FOUNDATION.
7. REMOVE EXISTING POLE,GUY WIRE AND FOUNDATION (BY PG&E).
8. REMOVE EXISTING CONCRETE DRIVEWAY, REINFORCEMENT, AND BASE TO DESIGN SUBGRADE
9. PROTECT IN PLACE EXISTING CONCRETE. ANY DAMAGE TO ADJACENT CONCRETE IMPROVEMENT SHALL BE REPLACE AT THE CONTRACTOR EXPENSE.
10. PROTECT IN PLACE EXISTING LIGHT POLE, CONDUITS, AND MAINTAIN CONTINUES LIGHTING SERVICE
11. ABANDON EXISTING SANITARY SEWER LATERAL.FILL THE ABANDONED PIPE WITH SLURRY. CAP AT THE WYE ON STREET MAIN AND AT THE BUILDING.
12. ABANDON EXISTING WATER SERVICE AND REMOVE PORTION OF THIS SERVICE WHEN IN CONFLICT WITH NEW IMPROVEMENT. CORPORATION STOP,TO BE REMOVED AND FULL CIRCLE REPAIR CLAMP SHALL BE INSTALLED ON THE MAIN
13. REMOVE EXISTING GAS METER & FOUNDATION (BY PG&E). CONTRACTOR TO COORDINATE WITH PG&E AND SUBMIT THE APPLICATIONS AND PAY ASSOCIATED FEES TO PG&E.
14. REMOVE EXISTING PG&E GAS SERVICE LATERAL FROM STREET TO BUILDING GAS METER (BY PG&E)
15. REMOVE EXISTING TREE - INCLUDING STUMP,ROOTS ETC. DISPOSE MATERIAL OFFSITE & BACKFILL THE HOLE TO SATISFACTION OF CITY REPRESENTATIVE. PRIOR TO TREE REMOVAL, MEET WITH CITY TO CONFIRM TREE TO BE REMOVE
16. REMOVE EXISTING PARK SIGN AND FOUNDATION. SEE LANDSCAPE PLAN FOR RELOCATION OF PARK SIGN AND NEW FOUNDATION.
17. REMOVE EXISTING FENCE AND FOUNDATION
18. CONTRACTOR MUST MEET WITH CITY TO VERIFY TREE STATUS AND COORDINATE WITH CITY TO REMOVE EXISTING TREE
19. EXISTING POWER POLE TO REMAIN
20. PROTECT IN PLACE EX. BACKFLOW PREVENTION ASSEMBLY. WATER SERVICE LOCATION UNKNOWN. CONTRACTOR TO FIELD VERIFY AND PROTECT IN PLACE
21. PROTECT IN PLACE EX. SANITARY SEWER MANHOLE
22. PROTECT IN PLACE EX. SANITARY SEWER LATERAL. ASSUMED LOCATION
23. REMOVE EX. BOLLARD
24. PROTECT IN PLACE EX. BOLLARD

LEGEND:

- SAWCUT AND REMOVE EXISTING CONCRETE SIDEWALK, CONCRETE CURB AND GUTTER, CONCRETE DRIVEWAY AND BASE TO DESIGN SUBGRADE . COMPACT SUBGRADE TO MIN. 90% RELATIVE COMPACTION.
- CLEAR AND GRUB EXISTING LANDSCAPE AREA.
- SAWCUT REMOVE EXISTING CONCRETE DRIVEWAY, CONCRETE PATIO, AND CONCRETE WALKWAY WITHIN THE PARCELS.
- EXISTING BRICK PATIO AND FOUNDATION TO BE REMOVED
- REMOVE EXISTING BUILDING, PORCH AND CONCRETE FOUNDATION. REFER TO HOUSE DETAILS. ASSUME 12" THICK CONCRETE FOUNDATION & BASE
- REMOVE EXISTING SHED AND CONCRETE FOUNDATION
- SAWCUT AND REMOVE 12" THICK AC PAVING AND BASE
- SAW CUT AND REMOVE 3'x3' AC PAVING & BASE TO THE UTILITY CONNECTION. REFER TO SHEET C4 FOR PIPE ABANDONMENT
- SILT FENCE PER DETAIL 5 SHEET C6
- TEMPORARY FIBER ROLLS PER DETAIL 3 SHEET C5
- EX. CHAIN LINK FENCE
- EX. WOOD FENCE



ABANDONMENT NOTES:

SEWERS:

1. ABANDON IN-PLACE ANY UN-USED EXISTING SANITARY SEWER LATERAL PIPE FROM BACK OF THE CURB TO THE SEWER MAIN.
2. ANY EXISTING PIPE OCCUPYING THE SAME TRENCH THAT WILL BE USED BY A NEW LINE MUST BE REMOVED AND CANNOT BE ABANDONED IN PLACE.
3. ANY PIPE TO BE ABANDONED, MAIN LINE OR SERVICE LATERAL, IS TO BE SEPARATED TO CREATE A MINIMUM OF THREE FEET SEPARATION FROM THE NEAREST ACTIVE MAIN LINE SEGMENT.
4. IN THE EVENT OF A SERVICE LATERAL DISCONNECTION FROM AN ACTIVE MAIN, OR AN INACTIVE MAIN DISCONNECTION FROM AN ACTIVE MAIN IN THE ABSENCE OF A MANHOLE, THE ACTIVE MAIN SHALL BE REPAIRED AS FOLLOWS:
   (a) IF THE ORIGINAL LATERAL CONNECTION WAS MADE WITH A FACTORY "WYE", THEN THE "WYE" IS INTACT AND UNDAMAGED SHALL BE SEALED APPROPRIATELY TO PREVENT MATERIAL OR WATER INTRUSION.
   (b) IF THE ORIGINAL LATERAL CONNECTION WAS MADE IN ANY OTHER FASHION BESIDES A FACTORY "WYE" OR THE FACTORY "WYE" IS DAMAGED, THEN THE ACTIVE SEWER MAIN SECTION SHALL BE REPLACED TO ELIMINATE THE EXISTING CONNECTION POINT IN ORDER TO ADEQUATELY SEAL THE MAIN.
   (c) THE MAIN SECTION TO BE REPLACED SHALL EXTEND TO THE **NEAREST FACTORY PIPE "BELL" OR JOINT** AS APPLICABLE.
5. FILL ABANDONED PIPE WITH BACKFILL MATERIAL: SAND, OR CONTROLLED DENSITY FILL (CDF) SUCH AS FLOWABLE FILL, CONTROLLED LOW -STRENGTH MATERIAL (CLSM), FLOWABLE MORTAR, PLASTIC SOIL -CEMENT, SOIL-CEMENT SLURRY, OR K-KRETE. CDF MUST HAVE UNCONFINED COMPRESSIVE STRENGTH OF 100 PSI OR LESS TO ALLOW FOR FUTURE EXCAVATION OF THE AREA.
6. IF SAND IS USED TO FILL ABANDONED PIPE, SECURELY CLOSE EACH PIPE END BY INSTALLING A WATERTIGHT PLUG OF CONCRETE, CONTROLLED DENSITY FILL (CDF), CONTROLLED LOW-STRENGTH MATERIAL (CLSM), FLOWABLE MORTAR, PLASTIC SOIL -CEMENT, SOIL-CEMENT SLURRY, OR K-KRETE NOT LESS THAN TWO FEET IN LENGTH.
7. PIPES TO BE ABANDONED THAT ARE NON-CONTINUOUS OR BROKEN BY CONSTRUCTION ACTIVITY ARE TO BE REPAIRED SUFFICIENTLY TO CONTAIN THE SELECTED ABANDONMENT BACKFILL MATERIAL. IF SUCH REPAIRS ARE IMPRACTICAL OR INFEASIBLE, THE PIPE(S) SHALL BE REMOVED AND DISPOSED.
8. SEAL UN-USED PIPE(S) AT THE BACK OF THE CURB PER GREEN BOOK SECTION 306-5 OR TO THE CITY'S SATISFACTION.
9. UN-USED PIPES BETWEEN THE CURB AND THE RIGHT-OF-WAY ARE TO BE REMOVED AND DISPOSED (NOT ABANDONED IN PLACE).

WATER LINES:

1. FOR SERVICE LINES LESS THAN 4" DIAMETER:
   (a) CONTRACTOR SHALL POTHOLE, CUT OUT AT THE MAIN, REMOVE THE CORPORATION STOP AND SADDLE, AND INSTALL A MINIMUM 12" FULL CIRCLE 316 STAINLESS STEEL REPAIR CLAMP WITH 316 ACCESSORIES OVER THE HOLE.
   (b) ABANDON UNUSED EXISTING WATER SERVICE LINES IN PLACE AT LEAST 18" BELOW GRADE TO THE CITY'S SATISFACTION.
2. FOR SERVICE LINES 4" AND LARGER IN DIAMETER:
   (a) CONTRACTOR SHALL POTHOLE, CUT OUT "T" AT THE MAIN AND REPLACE WITH CLASS 52 DIP OR C900 CLASS 200 WITH TWO SOLID FUSION EPOXY COATED DIP SLEEVES WITH TRIPAC, FLOUROPOLYMER COATED ACCESSORIES.
   (b) ABANDON UNUSED EXISTING WATER SERVICE LINES IN PLACE AT LEAST 18" BELOW GRADE TO THE CITY'S SATISFACTION.
   (c) THE ENTIRE PIPELINE TO BE ABANDONED SHALL BE FILLED WITH CLSM OR OTHER CONCRETE MIX SUFFICIENTLY WORKABLE FOR THE PURPOSES INTENDED.
3. PIPELINES TO BE ABANDONED SHALL BE REMOVED TO CREATE A MINIMUM OF A THREE FOOT SEPARATION FROM THE LIVE PORTION OF THE LINE FOR PIPES 4" AND LARGER IN DIAMETER, AND SECURELY CLOSED AT THE PIPE ENDS BY INSTALLING A WATERTIGHT PLUG OF CONCRETE NOT LESS THAN ONE FOOT THICK. CONTACT CITY ENVIRONMENTAL DEPARTMENT IN WRITING 48 HOURS IN ADVANCE, TO CHECK THE CONDITION OF THE EXISTING SERVICES PRIOR TO ABANDONMENT.

GENERAL:

1. SALVAGE AND ARRANGE FOR THE EXISTING FACILITIES (I.E., METERS, VALVES, MANHOLE COVERS, MANHOLE FRAMES, ETC.) TO BE PICKED UP BY THE CITY'S ENVIRONMENTAL SERVICES DEPARTMENT BY PRIOR ARRANGEMENT.
2. PROPERLY REMOVE OR ABANDON IN PLACE UNUSED EXISTING CITY UTILITY SERVICE LINES DISCOVERED THAT WERE LEFT IN PLACE BY OTHERS.
3. CONTACT UTILITY COMPANIES FOR REMOVAL, ABANDONMENT, ADJUSTMENT OR RELOCATION OF THEIR FACILITIES.
4. SEE DEMOLITION PLANS FOR REMOVAL OF ON-SITE IMPROVEMENTS.
5. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ANY EXISTING UTILITIES.

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
7041 Koll Center Pkwy, Suite 132 Pleasanton, CA 94566
Phone (925) 681-4885
www.bellecci.com

Rev.	Description	Date
	60% SUBMITTAL	12–20–13
	90% SUBMITTAL	02–14–14
	100% SUBMITTAL	04–04–14
	BID SET	07–31–14

HARRIS DESIGN
Landscape Architecture
Urban Design
755 Folger Avenue
Berkeley, CA 94710
t: 510.647.3792
www.hd-la.com

Scale	1" = 10'
Designed By:	AA
Drawn By:	HN
Checked By:	DL
Consultant's Job No.	13.02

ORCHARD GARDENS PARK EXPANSION PROJECT

DEMOLITION PLAN
GARNER DRIVE

City of Sunnyvale
Santa Clara County
California

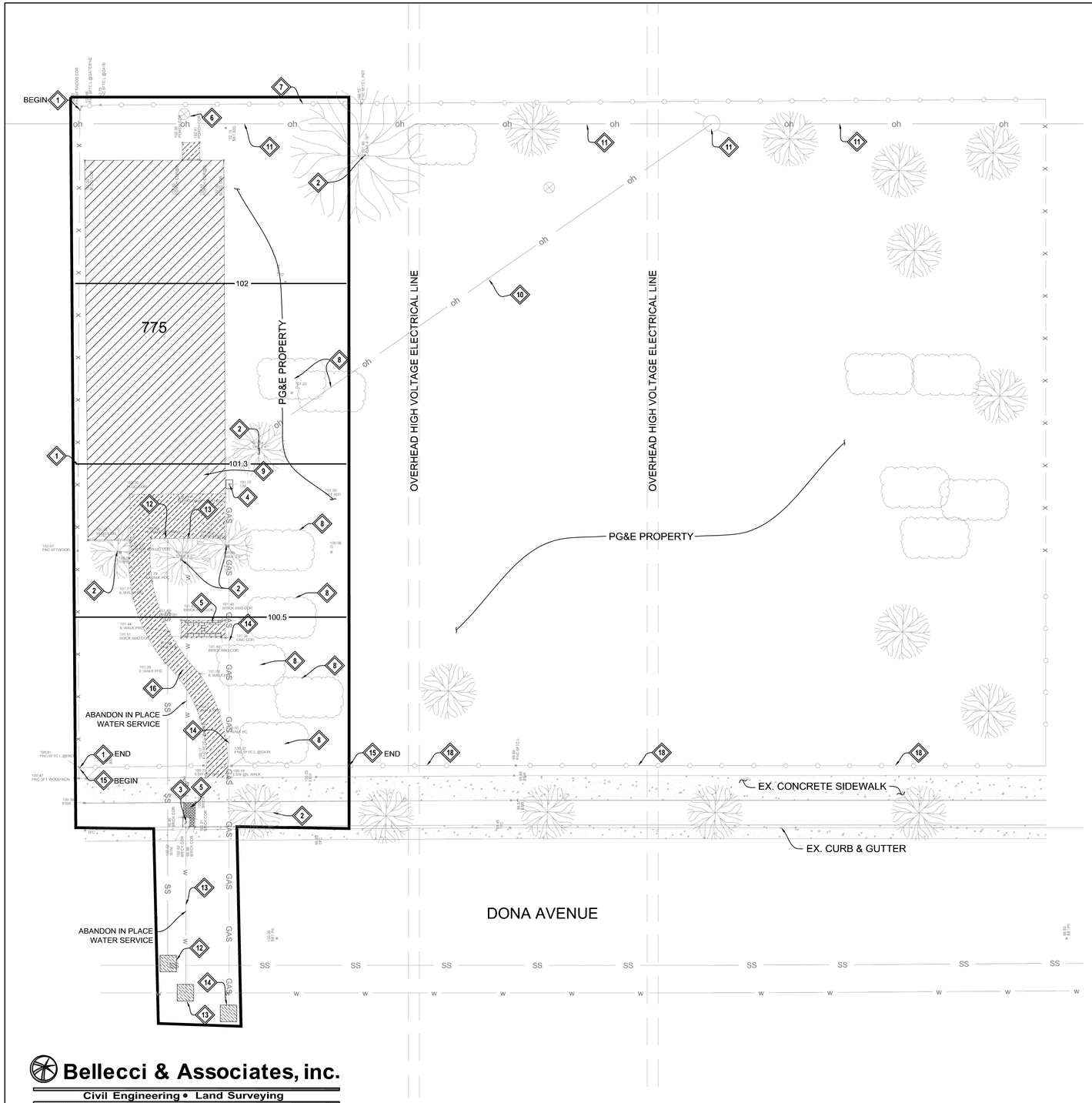
Department of Public Works
456 West Olive Avenue
P.O. Box 3707
Sunnyvale 94088–3707

City of Sunnyvale Project No.

Drawing No.

Sheet C1 of

FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
0 1 2 3



BARK MULCH

AFTER CLEARING THE SITE AND DEMOLITION OF THE BUILDING AND CLEARING OF THE SITE. CONTRACTOR TO SPREAD BARK MULCH OVER THE SITE. ASSUME FOR BIDDING PURPOSE 3" THICK AND 6,200 SF OF BARK MULCH

FIBER ROLL

AFTER DEMOLITION OF THE BUILDING AND CLEARING THE SITE, CONTRACTOR SHALL INSTALL FIBER ROLLS AT SELECTED LOCATIONS ON THE SITE. THE FIBER ROLLS TO BE INSTALLED PARALLEL WITH THE CONTOURS. THE LOCATIONS OF THE FIBER ROLL WILL BE DETERMINED BASED ON THE REMAINING SITE VEGETATION AND OBSTRUCTIONS, ALONG WITH DIRECTION FROM THE PROJECT INSPECTOR. SEE DETAIL 3 PER SHEET C5 THIS FOR FIBER ROLL INSTALLATION

LEGEND:

- REMOVE EXISTING BRICK PATH AND BRICK BBQ STATION
- SAWCUT AND REMOVE EXISTING CONCRETE WALKWAY AND BASE. SUBGRADE AND BACKFILL WITH NATIVE SOIL TO 85% RELATIVE COMPACTION WITHIN THE PARCEL.
- REMOVE EXISTING BUILDING, PORCH AND FOUNDATION. REFER TO HOUSE DETAILS. ASSUME 12" THICK FOUNDATION, BACKFILL WITH NATIVE TO 85% RELATIVE COMPACTION
- SAW CUT AND REMOVE 3'x3' AC PAVING & BASE TO THE UTILITY CONNECTION. REFER TO SHEET C4 FOR PIPE ABANDONMENT

CONSTRUCTION NOTES:

1. REMOVE EXISTING FENCE, POST AND FOUNDATION. INSTALL NEW 6' TALL CHAINLINK FENCE, POSTS AND FOUNDATIONS; CONNECT TO EXISTING FENCE.
2. PROTECT IN PLACE EXISTING TREE
3. REMOVE EXISTING WATER METER BOX. SALVAGE EXISTING WATER METER TO THE CITY OF SUNNYVALE CORPORATION YARD. BACKFILL HOLE WITH NATIVE SOIL TO 85% RELATIVE COMPACTIONS.
4. REMOVE EXISTING GAS METER & FOUNDATION (BY PG&E).
5. REMOVE EXISTING BRICK PAD, BBQ STATION & CONCRETE FOUNDATION
6. REMOVE EXISTING TREE STUMP
7. PROTECT IN PLACE EXISTING HOME OWNERS FENCE
8. REMOVE EXISTING SHRUBS & BUSHES.
9. REMOVE ELECTRICAL PANEL BOX (BY PG&E).
10. REMOVE ELECTRICAL OVERHEAD LINE (BY PG&E).
11. PROTECT IN PLACE EXISTING ELECTRICAL OVERHEAD LINE AND PG&E POLE
12. ABANDON EXISTING SANITARY SEWER LATERAL. CAP AT THE WYE ON THE STREET MAIN AND AT THE BUILDING (BY CONTRACTOR)
13. ABANDON EXISTING WATER SERVICE AND REMOVE PORTION OF THIS SERVICE WHEN IN CONFLICT WITH NEW IMPROVEMENT. CORPORATION STOP,TO BE REMOVED AND FULL CIRCLE REPAIR CLAMP SHALL BE INSTALLED ON THE MAIN
14. REMOVE EXISTING GAS LATERAL (BY PG&E).
15. REMOVE AND REINSTALL EXISTING FENCE AND INSTALL NEW FENCE POSTS, CHAIN LINK, FENCE GATE AND FOUNDATION
16. REMOVE BRICK PATH AND BASE TO DESIGN SUBGRADE
17. NOT USED
18. PROTECT IN PLACE EXISTING FENCE POSTS.

NOTES:

- CONTRACTOR IS RESPONSIBLE FOR APPLYING FOR PG&E DEMOLITION/REMOVAL PERMIT AND PAYING ANY FEES.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH PG&E INCLUDING, PREPARING & SUBMITTING THE APPLICATION & PAYING PG&E FEES.
- STEPS FOR DISCONNECTION OF PG&E SERVICES
  - CONTACT PG&E AND HAVE THEM STOP ANY SERVICE/BILLING THAT ARE STILL ACTIVATED TO THE PROJECT SITE
  - FILL OUT THE "EXISTING SERVICE - RELOCATE/CHANGE SERVICE" APPLICATION FROM PG&E
- CONTRACTOR IS RESPONSIBLE FOR APPLYING FOR BAAQMD PERMIT (J NUMBER)
- CONTRACTOR TO REMOVE AND DISPOSE OF ANY AND ALL CONTENT OF THE BUILDINGS
- REFER TO SHEET C1 FOR ABANDONMENT NOTES
- CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING IRRIGATION LINES THAT ARE IN CONFLICT DURING DEMOLITION

GENERAL NOTE:

- REMOVE ALL EXISTING BUILDING FACILITIES AND FURNITURE
- NO CRAWL SPACE UNDERNEATH THE HOUSES
- THE HOUSE IS CONCRETE SLAB ON GRADE

PROJECT LIMITS OF WORK AREA = 0.16 ACRES

N

10 5 0 10 20 30
SCALE IN FEET

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REGISTERED PROFESSIONAL ENGINEER JANTEC C. LEADO No. 35034 CIVIL STATE OF CALIFORNIA

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Consultant's Job No.	13.02

ORCHARD GARDENS PARK EXPANSION PROJECT

DEMOLITION PLAN
DONA AVENUE

CITY OF SUNNYVALE CALIFORNIA

City of Sunnyvale
Santa Clara County
California

Department of Public Works
456 West Olive Avenue
P.O. Box 3707
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Sheet C2 of

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