



CITY OF CAMPBELL
Community Development Department

September 27, 2018

NOTICE OF ADMINISTRATIVE SITE & ARCHITECTURAL REVIEW PERMIT

Notice is hereby given that the Planning Division of the Community Development Department of the City of Campbell has received an application for an Administrative Site & Architectural Review Permit for the following project proposal:

File No.:	PLN2018-81
Applicant:	Safaei Design Group
Project Address:	479 Kenneth Avenue
Property Owner:	Sam and Venus Mohsenzadegan
Zoning District:	R-1-6 (Single-Family Residential)
General Plan:	Low Density Residential
Project Description:	New two-story 3,650 square-foot single-family residence.

This project will be decided by the Community Development Director and you have the opportunity to provide comment prior to the Director's decision. The ten-day comment period for this application begins on September 27, 2018 and ends on October 8, 2018. Any comments regarding this application must be submitted in writing (including email) to the Planning Division before 5:00 p.m. on **October 8, 2018**. The Director will then consider all comments submitted within this time period prior to a decision. No additional notice will be provided. Please contact the project planner in a timely manner to determine what decision was reached.

Decisions by the Community Development Director are final in 10 calendar days following the date of approval, unless an appeal is received in writing at the City of Campbell Community Development Department, 70 N. First Street, Campbell, prior to the end of the appeal period. A written appeal must be accompanied with the required **\$750** appeal filing fee. Plans and architectural drawings may be viewed at the Planning Division office during normal business hours (8:00 AM – 5:00 PM) and on the City's 'Public Notices' web page (<http://www.cityofcampbell.com/501/Public-Notices>) under 'Administrative Decisions'. Questions or comments regarding this application may be addressed to Daniel Fama, Senior Planner, in the Community Development Department, at (408) 866-2193 or by email danielf@cityofcampbell.com.

Project Location Map



Project Location: 479 Kenneth Ave.
Application Type: Admin. Site and Arc. Permit
Planning File No.: PLN2018-81



Community Development Department
Planning Division

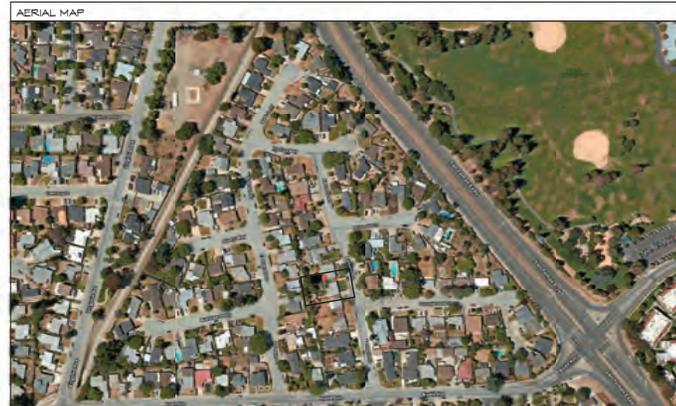




② 3D View/ Front

③ 3D View/ Rear

DRAWING INDEX	PROJECT INFORMATION:	HARD/SOFTSCAPE
AO - COVERSHEET AO.1 - SITE PLAN AO.2 - SITE PLAN A1 - ROOF PLAN N. LANDSCAPE A2 - FLOOR PLAN - LEVEL 1 A3 - FLOOR PLAN - LEVEL 2 A4 - ELEVATIONS A5 - ELEVATIONS A6 - AREA CALCULATION A7 - SECTIONS A8 - ELECTRICAL PLAN A9 - DETAILS 1 A10 - DETAILS 2 A11 - DETAILS 3 STRUCTURAL S1 - NOTES & DETAILS S2 - FRAMING / FOUNDATION S3 - SECOND FLOOR S4 - UPPER L. FRAMING S5-7 - DETAILS	L1 - PRELIMINARY LANDSCAPE PLAN CIVIL S1 - TOPOGRAPHIC / SURVEY C1 - COVERSHEET C2 - GRADING & DRAINAGE C3 - EROSION CONTROL PLAN C4 - BLUE PRINT FOR A CLEAN BAY OFF-SITE OFF-1- COVERSHEET OFF-2 PLAN OFF-3 PVSD - DETAILS OFF-4 CITY DETAILS OFF-5 BMP TITLE 24 EN1. TITLE 24 EN2. ENERGY COMPLIANCE GB1. CAL GREEN	ASSESSOR'S PARCEL NUMBER (APN): 404-25-061 LOT SIZE: 8116.24 SF. TOTAL ALLOWABLE @45%: 3652.35 SF. MAX COVERAGE ALLOWABLE @ 40%: 3246.5 SF. FIRST FLOOR AREA: 1919.74 SF. GARAGE AREA: 450.81 SF. SECOND FLOOR AREA: 1250.70 SF. TOTAL PROPOSED BUILT AREA: 3651.25 SF. TOTAL LIVABLE ARE: 3200.44 SF. DESCRIPTION: SINGLE FAMILY RESIDENTIAL WITH A GARAGE TYPE OF CONSTRUCTION : (VB) OCCUPANCY CLASSIFICATIONS: (R-3/U) FIRE SPRINKLER SYSTEM: YES APPLICABLE CODES 2016: CBC, CFC, CPC, CMG, CRC, CEC, CAL-GREEN
	FRONT YARD SETBACK: 20x63 = 12650 SF. TOTAL PAVEMENT: 593 SF. HARDSCAPE: 44% SOFTSCAPE/LANDSCAPE: 56% TOTAL FIRST FLOOR AREA: 2556 5.F. (29%) (N) DRIVEWAY: 422 5.F. (N) FRONT PATHWAY : 155 5.F. (N) PAVEMENT REAR : 552 5.F. (E) BBQ PATIO : 203 5.F. (E) AND DECK PAVEMENT : 224 5.F. (E) CONCRETE AND TILE TOP REMAIN: 292 5.F. TOTAL LANDSCAPE AREA : 3432 5.F.	SCOPE OF WORK DEMOLISH (E) SINGLE FAMILY HOUSE DEMOLISH (E) SECONDARY STRUCTURE. CONSTRUCT NEW CRAFTSMAN STYLE SINGLE FAMILY DWELLING UNIT WITH AN AREA OF 3651.11 SF. UNDER SEPARATE DEFERRED SUBMITTAL PERMIT, AUTOMATIC RESIDENTIAL FIRE SPRINKLER SYSTEM SUBMITTED DIRECTLY TO SANTA CLARA COUNTY FIRE DEPARTMENT - A CALIFORNIA LICENSED (C-16) CONTRACTOR.



① FRONT ELEVATION
1/4" = 1'-0"



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SIGNATURES

PROJECT ADDRESS

479 Kenneth St.
Campbell 95008

No.	Description	Date
1	BUILDING PACKAGE	08-20-2018

VENUS & SAM MOHSENZADEGAN

MOHSENZADEGAN

Coversheet

Project number	479
Date	08/20/2018
Drawn by	SDG
Checked by	SS

A0

Scale 1/4" = 1'-0"

3/20/2018 10:01 AM



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**VENUS & SAM
MOHSENZADEGAN**

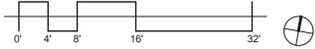
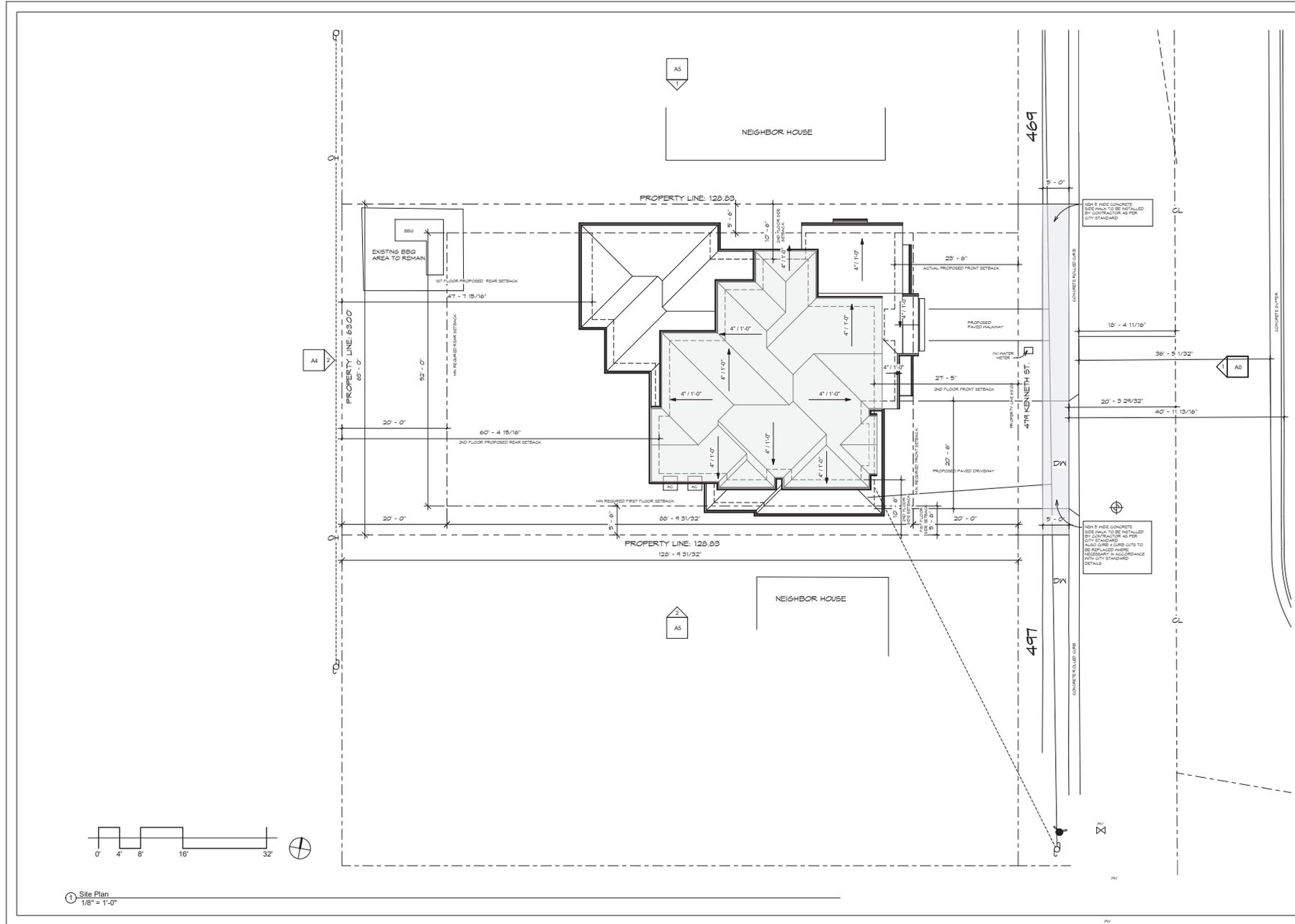
MOHSENZADEGAN

Site Plan

Project number 479
Date 08/20/2018
Drawn by Author
Checked by Checker

A0.1

Scale 1/8" = 1'-0"



1 Site Plan
1/8" = 1'-0"

30/2018 BY 228/21/18



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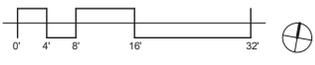
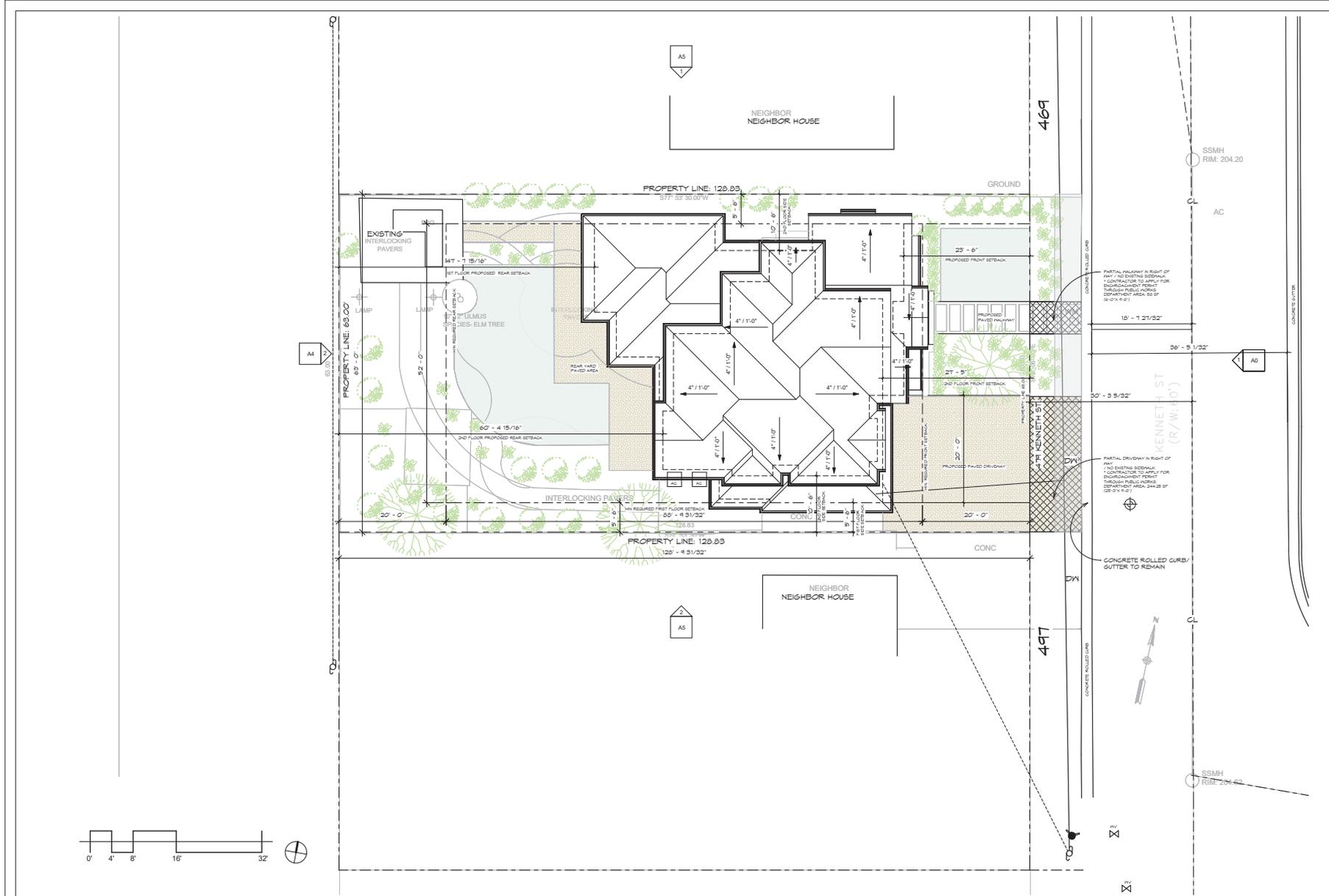
MOHSENZADEGAN

**Site &
Landscape**

Project number 479
Date 08/20/2018
Drawn by SDG
Checked by SS

A0.2

Scale 1/8" = 1'-0"



1 Site Plan with Landscape
1/8" = 1'-0"

20180820180724



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MOHSENZADEGAN

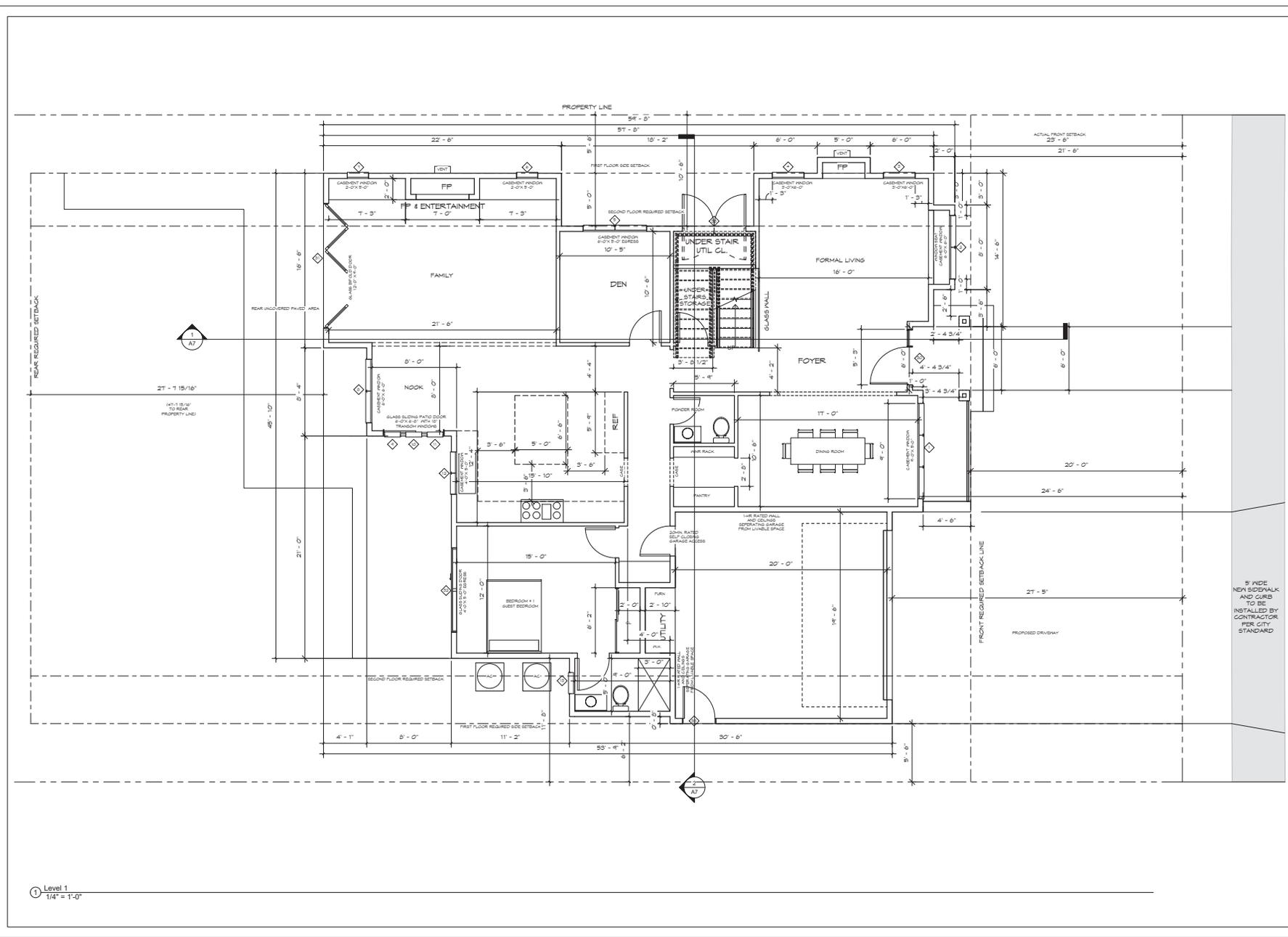
Floor Plan L1

Project number	479
Date	08/20/2018
Drawn by	SDG
Checked by	SS

A2

Scale 1/4" = 1'-0"

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Level 1
1/4" = 1'-0"

5' WIDE
NEW SIDEWALK
AND CURB
TO BE
INSTALLED BY
CONTRACTOR
PER CITY
STANDARD



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No.	Description	Date
1	BUILDING PACKAGE	08-20-2018

VENUS & SAM
MOHSENZADEGAN

MOHSENZADEGAN

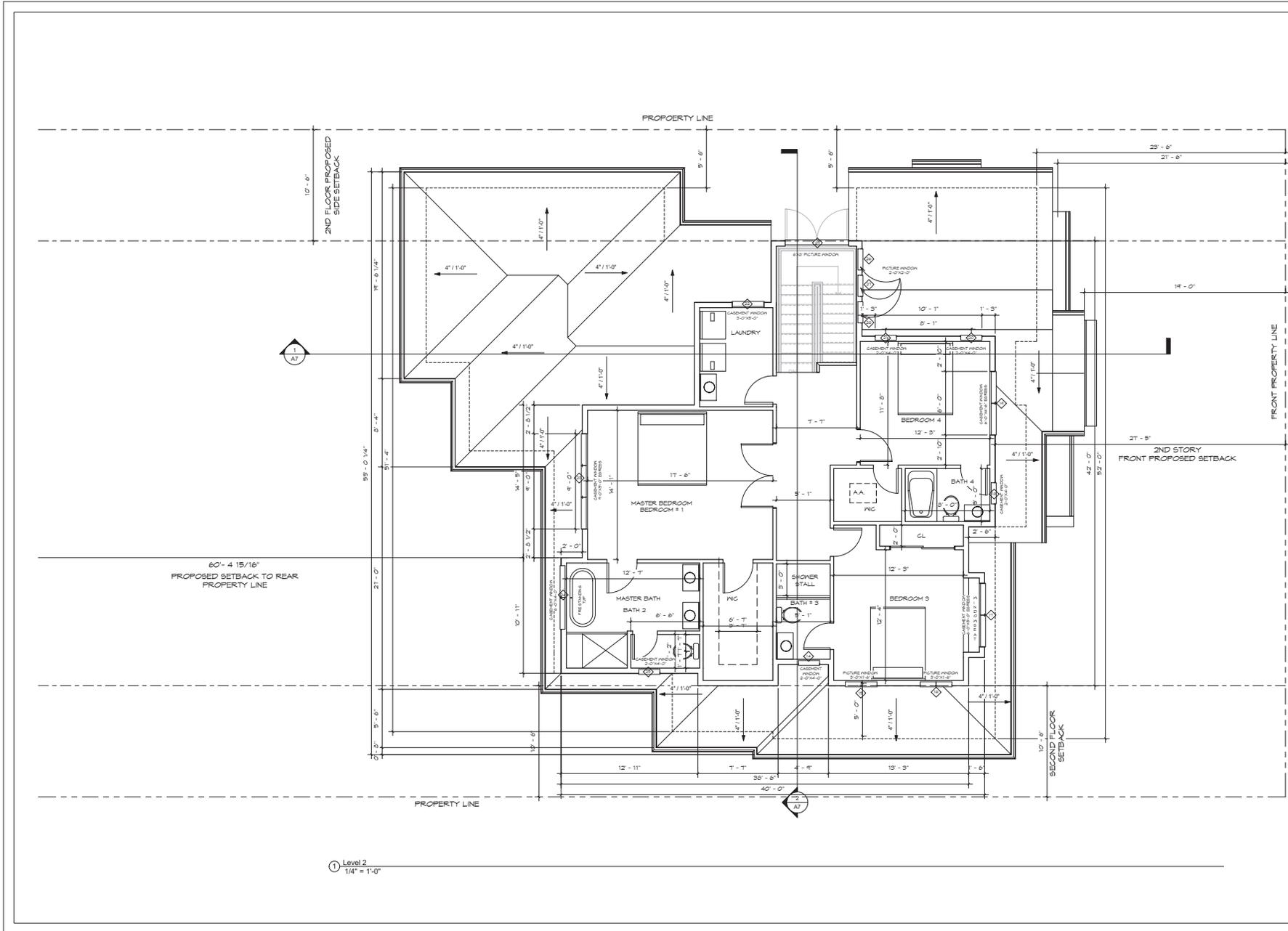
Floor Plan L2

Project number 479
Date 08/20/2018
Drawn by SDG
Checked by SS

A3

Scale 1/4" = 1'-0"

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Level 2
1/4" = 1'-0"

KEY NOTES:

- EXTERIOR LIGHTWELL SURFACE WITH T STEP DOWN FROM INTERIOR FINISHED FLOOR. SLOPE TO OUTSIDE EDGE TO DRAIN. VERIFY FINISHED SURFACE, WATERPROOFING, ETC. PRIOR TO CONSTRUCTION.
- AREA DRAINS AND OVERFLOW AT SUNKEN LIGHTWELLS AREA DRAINS AND OVERFLOW AT SUNKEN LIGHTWELLS AND PATIO. FOR STORMWATER COLLECTION SYSTEM TO GRADE. PROVIDE ALARM PANEL SYSTEM FOR PUMP FAILURE ALERTS. SEE CIVIL PLANS FOR SYSTEM DETAILS.
- HOME THEATER SYSTEM: VERIFY ALL A-V COMPONENTS, PROJECTOR AND SCREEN, SEATING, ACOUSTICS, SELECTIONS, ETC. PER OWNER PRIOR TO CONSTRUCTION AT THE THEATER.
- BUILT-IN SHELVING & CABINETS: VERIFY DESIGN WITH OWNER & ARCHITECT.
- SUNKEN SUMP PUMP COLLECTION SYSTEM FOR TENSOR STORMWATER COLLECTION & DISCHARGE FROM LIGHTWELL SURFACE DRAINS UP TO SURFACE DRAINAGE AND RETENTION SYSTEM. SEE ALSO CIVIL PLANS.
- (N) BATHROOM FIXTURES & FINISHES, KOHLER OR EQUAL, FINISHES: CERAMIC TILE FLOORING & SHOWER ENCLOSURE. VERIFY ALL SELECTIONS, FINISHES, ACCESSORIES, ETC. WITH OWNER.
- AT ALL SHOWERS AND TUBS WITH SHOWERS:
 - WALL COVERINGS SHALL BE PORTLAND CEMENT CONCRETE, CERAMIC OR STONE TILE, OR APPROVED EQUAL TO 50" ABOVE DRAIN. MATERIALS OTHER THAN STRUCTURAL ELEMENTS SHALL BE MOISTURE RESISTANT.
 - VERIFY FINISH MATERIALS. SEE INTERIOR DESIGN PLANS.
 - INSTALL HOT-MOP SHOWER PAN @ ALL SHOWERS (TYPICAL). BASE MATERIAL BENEATH SHOWER PAN TO SLOPE TO DRAIN PER 2016 CPC 411.0. VERIFY DRAIN LOCATION IV OWNER.
 - TEMPERED GLASS @ WINDOW AND SHOWER ENCLOSURE. SHOWER DOORS & ENCLOSURES SHALL BE FRAMELESS, TOPPERED, 3/8" GLASS. VERIFY IV OWNER.
 - SHOWERS AND TUB-SHOWER COMBINATIONS SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE THERMOSTATIC MIXING OR PRESSURE BALANCE TYPE ADJUSTED TO 120 DEGREES MAXIMUM.
 - ALL SHOWER COMPARTMENTS SHALL HAVE A MINIMUM FINISHED INTERIOR OF 1024 SQ IN. AND SHALL ALSO BE CAPABLE OF ENCOMPASSING OF 50 INCH CIRCLE.
- MECHANICAL ROOM: WITH HOUSE WATER HEATER, AND HVAC UNIT FOR BASEMENT AND FIRST FLOOR LEVELS. VERIFY LAYOUT OF UNITS, DUCTING MANIFOLDS, PANELS, PANELS, CLEARANCE ACCESS, ETC. FOR SPACE PRIOR TO CONSTRUCTION.
- LAUNDRY ROOM: HOOK-UPS AND CONNECTIONS, CABINETS & COUNTERTOPS, VERIFY SELECTIONS, APPLIANCES SPECS, ETC. PER OWNER.
- SUNKEN SEWAGE ELECTION SUMP PUMP SYSTEM FOR BASEMENT WASTE LINE COLLECTION & DISCHARGE UP TO FIRST FLOOR GRAVITY LINES. LOCATED IN EXTERIOR LIGHTWELL (ALTERNATE LOCATION IN MECH. ROOM. SEE ALSO CIVIL PLANS FOR TIE-IN TO STREET. THE DISCHARGE PIPING OF EACH ELECTOR OR PUMP TO HAVE A BACKWATER VALVE AND GATE VALVE, AND BE A MINIMUM OF 2-IN IN DIAMETER. THE SEWER ELECTOR/SEWAGE PUMP RECEIVING DISCHARGE OF WATER CLOSET SHALL BE CAPABLE OF PASSING A 1.5 INCH DIAMETER SOLID BALL.
- DEEP WELL SUMP PUMP SYSTEM FOR COLLECTION OF SUBSURFACE GROUND WATER AT BASEMENT PERIMETER AND UNDER-SLAB. FOR COLLECTION & DISCHARGE UP TO SURFACE DRAINAGE SYSTEM. SEE # (C8.0) FOR SUMP PUMP. LOWEDED CEILING AT HALLWAY AND SECONDARY SPACES. FOR MECHANICAL DUCTING PATHWAYS, VERIFY FINAL FINISHED CEILING HEIGHTS TO COORDINATE WITH MECHANICAL CONSTRUCTION.
- AT SOFFIT OF USABLE SPACES BELOW STAIRS, PROVIDE 5/8" TYPE "X" GYP BD. FOR ONE-HOUR FIRE PROTECTION.
- STAIR UP TO FIRST STORY: MAX. T/R RISE: MIN. 12" RUN, WITH HANDRAILS & GUARDRAILS PER CODE.
- EXTERIOR STAIR DOWN TO BASEMENT LIGHTWELL, MAX. T/R RISE, MIN. 11" RUN, WITH HANDRAILS & GUARDRAILS PER CODE.

GENERAL NOTES:

CONFIRM BUILDING PAD LOCATION ON SITE WITH LAND SURVEY VERIFICATION TO ESTABLISH PERMETER AND CONFORMANCE WITH TOWN REQUIRED SITE SETBACKS FOR ALL BUILDING ELEMENTS, INCLUDING ROOF EAVES AND GUTTERS.

ALL DIMENSIONS SHOWN ARE TO FACE OF STUD OR CENTERLINE OF WINDOWS, UNLESS OTHERWISE NOTED.

FRAMING CONTRACTOR SHALL CAREFULLY REVIEW ALL ELECTRICAL, MECHANICAL, & STRUCTURAL PLANS AND CONSIDER ALL ISSUES IN LOCATION OF SIGNIFICANT BEAMS AND LAYOUT OF FLOOR & CEILING JOISTS TO ACCOMMODATE LIGHT CANS, PLUMBING, MINIMIZE HEADINGS OFF, CENTER FLOOR REGISTERS IV WINDOWS, ALIGN CHUTES & CHASES, ETC.

SEE DOOR & WINDOW SCHEDULE A1.1, VERIFY ROUGH OPENINGS OF ALL NEW UNITS PRIOR TO CONSTRUCTION.

VERIFY ALL FINISHING FIXTURES, APPLIANCES, LIGHTING SELECTIONS, DIMENSIONS, & REQUIREMENTS ETC. IV OWNER PRIOR TO ROUGH FRAMING. COORDINATE WITH FRAMING CONTRACTOR.

SEE ELECTRICAL PLANS FOR LIGHTS, SWITCHES, OUTLETS, TV, PHONE LOCATIONS, ETC. VERIFY IV ELECTRICIAN OWNER DURING FRAMING. COORDINATE ALIGNMENT IV TILE FINISHES, HEIGHTS, WALL DEPTHS & FINISH, BLOCKING, ETC.

MECHANICAL CONTRACTOR TO VERIFY ALL AIR DUCTS, CHASES, LOCATIONS, CONFIGURATIONS, ETC. IV FRAMING CONTRACTOR DURING FOUNDATION WORK. PLACE DUCTS OUT OF THE WAY IN ATTICS, GARAGEFACE, ETC.

RAISED FLOOR VENTILATION CALCULATION:

TOTAL RAISED FLOOR AREA: 731.30 SF.

1440.94/150 = 12.99 SF. = 1510.1 MIN. SQUARE INCHES OF VENTILATION REQUIRED

EACH FOUNDATION VENT: 14.5"X6"X19" SQUARE INCH PER MESH

1510.5/91 = 21.5 MIN OF 22 FOUNDATION VENTS TO BE PROVIDED IN THE RAISED FLOOR AREAS PROVIDE 4 GARAGE SLAB VENTS

ROOFING GENERAL NOTES:

ROOFING: CLASS "A" ASPHALT COMPOSITION CLASS "A" ASPHALT COMPOSITION SHINGLES OVER PLYND SHEATHING (PER STRUCTURAL). SEE CIRC R405.2 REQUIREMENTS FOR INSTALLATION, UNDERLAYMENT, FLASHING, ETC.

ON ROOF SECTIONS OF 4:12 PITCH AND GREATER, ONE-LAYER 15# ROOFING FELT (OR APPROVED EQUIVALENT) OF 36" WIDTH SHEETS W/ 2" OVERLAP, PER TABLE R405.1.1(2)

ON ROOF SLOPES AT LEAST 1:8:12 AND UP TO 4:12, PROVIDE TWO-LAYERS OF UNDERLAYMENT, OF 36" WIDTH SHEETS W/ 1" OVERLAP OVER 1" STARTING STRIP, PER TABLE R405.1.1(2)

ALL ROOFING FASTENERS SHALL BE CORROSION-RESISTANT PER CIRC R405.2.5

PAINT 0.1 SHEET METAL GUTTERS IV DOWNSPOUTS. VERIFY IN FIELD IV OWNER.

DIRECT ROOF JACKS, VENTS, AND OTHER PENETRATIONS TO THE REAR FACING ROOF PLANE WHERE POSSIBLE.

ROOFING GENERAL NOTES VENT CALCULATIONS:

ATTIC AREA PART LEVEL 2
12612.50 FT. / 150 = 84.08 SQ. FT. = 1241 SQ. IN. REQUIRED VENTILATION
INSTALL 1" LOW-PROFILE MODEL FLAT 40 TO 50 IN NVA (LOW)
MIN. 80 BAYS WITH (3) 2" DIA. VENT HOLES PER BAY EQUALLY DISTRIBUTED IN VAULTED CEILING AREAS AND ATTIC AREAS. CONTRACTOR TO PROVIDE 150 S.F.T. OF VENTILATION FOR EVERY 150 SQ. FT. OF SPACE CONDITIONED SPACE
CONTRACTOR TO PROVIDE RIDGE VENT FOR ALL AREAS WITH VAULTED CEILINGS

1ST FLOOR ROOF AREA - NO ATTIC
MIN. 80 BAYS WITH (3) 2" DIA. VENT HOLES PER BAY EQUALLY DISTRIBUTED IN VAULTED CEILING AREAS AND ATTIC AREAS. CONTRACTOR TO PROVIDE 150 S.F.T. OF VENTILATION FOR EVERY 150 SQ. FT. OF SPACE CONDITIONED SPACE
CONTRACTOR TO PROVIDE RIDGE VENT FOR ALL AREAS WITH VAULTED CEILINGS



① FRONT ELEVATION
1/4" = 1'-0"



② REAR ELEVATION
1/4" = 1'-0"



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No.	Description	Date
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VENUS & SAM MOHSENZADEGAN

MOHSENZADEGAN

Elevations

Project number: 479
Date: 08/20/2018
Drawn by: SDG
Checked by: SS

A4
Scale: 1/4" = 1'-0"

28/08/2018 09:27:17AM

WINDOW & DOOR SCHEDULE									
ID	WIDTH	HEIGHT	VENT/FIXED	SWING	MFG	U-FACTOR	LOCATION	MATERIAL	COMMENTS
01	4'-0"	8'-0"	VENT	L/R	SP	0.30	DINING ROOM	AGL	CASHEMIT PARTING FIXED MULLION
02	8'-0"	8'-0"	VENT	L/R	SP	0.30	LIVING ROOM	AGL	AT BAY WINDOW 2 (2X) CASHEMIT
03	3'-0"	8'-0"	VENT	L	SP	0.30	LIVING ROOM	AGL	
04	3'-0"	8'-0"	VENT	R	SP	0.30	LIVING ROOM	AGL	
05	6'-0"	9'-0"	VENT	L/R	SP	0.30	OFFICE/DEN	AGL	2 (2X) CASHEMIT
06	2'-0"	9'-0"	VENT	L	SP	0.30	FAMILY ROOM	AGL	
07	2'-0"	9'-0"	VENT	R	SP	0.30	FAMILY ROOM	AGL	
08	6'-0"	8'-0"	VENT	L/R	SP	0.30	NOOK	AGL	2 (2X) CASHEMIT
09	1'-6"	1'-6"	FIXED	FIXED	SP	0.30	NOOK	AGL	FRANCON WINDOWS ABOVE SLIDING DOOR
10	1'-6"	1'-6"	FIXED	FIXED	SP	0.30	NOOK	AGL	FRANCON WINDOWS ABOVE SLIDING DOOR
11	1'-6"	1'-6"	FIXED	FIXED	SP	0.30	NOOK	AGL	FRANCON WINDOWS ABOVE SLIDING DOOR
12	4'-0"	9'-0"	VENT	L/R	SP	0.30	KITCHEN	AGL	3 (2X) CASHEMIT
13	2'-0"	4'-0"	VENT	R	SP	0.30	BATHROOM # 1	AGL	BATHROOM WINDOW TINTED GLAZING
14	2'-0"	4'-0"	VENT	R	SP	0.30	BATHROOM # 3	AGL	BATHROOM WINDOW
15	3'-0"	1'-6"	FIXED	FIXED	SP	0.30	BEDROOM # 3	AGL	HIGH SILL WINDOWS
16	3'-0"	1'-6"	FIXED	FIXED	SP	0.30	BEDROOM # 3	AGL	HIGH SILL WINDOWS
17	6'-0"	8'-0"	VENT	L/R	SP	0.30	BEDROOM # 3	AGL	AT BEDROOM BAY WINDOW (2)X(2)
18	2'-0"	4'-0"	VENT	R	SP	0.30	BATHROOM # 4	AGL	BATHROOM WINDOW TINTED GLAZING
19	6'-0"	4'-6"	VENT	L/R	SP	0.30	BEDROOM # 4	AGL	2 (2X) SILL WINDOWS
20	2'-0"	4'-0"	VENT	L	SP	0.30	BEDROOM # 4	AGL	
21	2'-0"	4'-0"	VENT	R	SP	0.30	BEDROOM # 4	AGL	
22	3'-0"	9'-0"	VENT	L	SP	0.30	LAUNDRY	AGL	
23	4'-0"	9'-0"	VENT	L/R	SP	0.30	MASTER BEDR.	AGL	3 (2X) SILL WINDOWS FIXED MIDDLE PANEL
24	6'-0"	4'-0"	VENT	L/R	SP	0.30	MASTER BATH	AGL	2 (2X) SILL WINDOWS ABOVE TUB - TINTED
25	2'-0"	4'-0"	VENT	L/R	SP	0.30	MASTER BATH	AGL	TINTED
26	2'-0"	2'-0"	FIXED	FIXED	SP	0.30	STAIRS	AGL	
27	2'-0"	2'-0"	FIXED	FIXED	SP	0.30	STAIRS	AGL	
28	2'-0"	2'-0"	FIXED	FIXED	SP	0.30	STAIRS	AGL	
29	6'-0"	8'-0"	FIXED	FIXED	SP	0.30	STAIRS	AGL	TINTED
30	5'-0"	1'-0"	DOOR	L/R	SP	0.30	FRONT ENTRY	AGL	42" W/ ENTRY DOOR WITH 10" SLEDGE
31	12'-0"	1'-0"	DOOR	L/SR	P.S.	0.30	REAR PATIO	AGL	REAR PATIO Bifold DOOR
32	8'-0"	1'-0"	DOOR	L/R	P.S.	0.30	REAR PATIO	AGL	BEDROOM BACKYARD ACCESS
33	6'-0"	4'-0"	DOOR	L/R	M.S.C.	0.30	UNDERSTAR	AGL	UNDERSTAR EXTERIOR STORAGE DOOR

NOTES:
 V= OPERABLE WINDOW/DOOR
 F= FIXED / PICTURE WINDOW
 R= RIGHT SWING / SLIDE
 L= LEFT SWING / SLIDE
 L/R = LEFT AND RIGHT SWING
 SAFETY, TINTED/EMERGENCY
 MFG = MANUFACTURER
 SP = SEERRA PACIFIC
 AGL ALUMINUM GLAZED WOOD
 P.S. = PETHERSHELD



① RIGHT SIDE ELEVATION
 1/4" = 1'-0"



② LEFT SIDE ELEVATION
 1/4" = 1'-0"



CONSULTANTS

Owner:
 Sam & Venus Mohsenzadegan
 479 Kenneth St.
 Campbell 95008
 Phone: (650) 919-4534
 info@samvenusconstruction.com

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 Safael Design Group
 127 Kellon Ave
 San Carlos, CA 94070
 Phone: (415) 967-2027
 E-mail: salar@safaldesign.com

Civil Engineers:
 SDPE Engineers | David Razavi, PE.
 1534 Carob Lane
 Los Altos, CA 94024
 Phone: (650) 941-8055
 Fax: (650) 941-8755
 E-mail: dsrazavi@sdpeengineers.com

Landscape Architect:
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 636 15th Ave, Menlo Park, CA 94025
 Phone: (650) 327-2644
 E-mail: maryayoung@gmail.com

Structural:
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 205 Seaport Ct, Suite 101
 Redwood City, CA 94063
 Phone: (650) 361-1003
 E-mail: harr@roboto.net

Title 24 & Cal Green:
 A Plus Green Energy Services
 41 C Hanger Way
 Watsonville, CA 95076
 Phone: 831-728-2503
 E-mail: aplus@ave.com

SIGNATURES

PROJECT ADDRESS

479 Kenneth St.
 Campbell 95008

No.	Description	Date
1	ISSUING PACKAGE	08/20/2018

VENUS & SAM
 MOHSENZADEGAN

MOHSENZADEGAN

Elevations

Project number 479
 Date 08/20/2018
 Drawn by SDG
 Checked by SS

A5
 Scale 1/4" = 1'-0"

28/08/2018 09:17:14

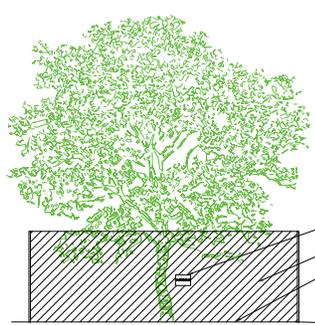
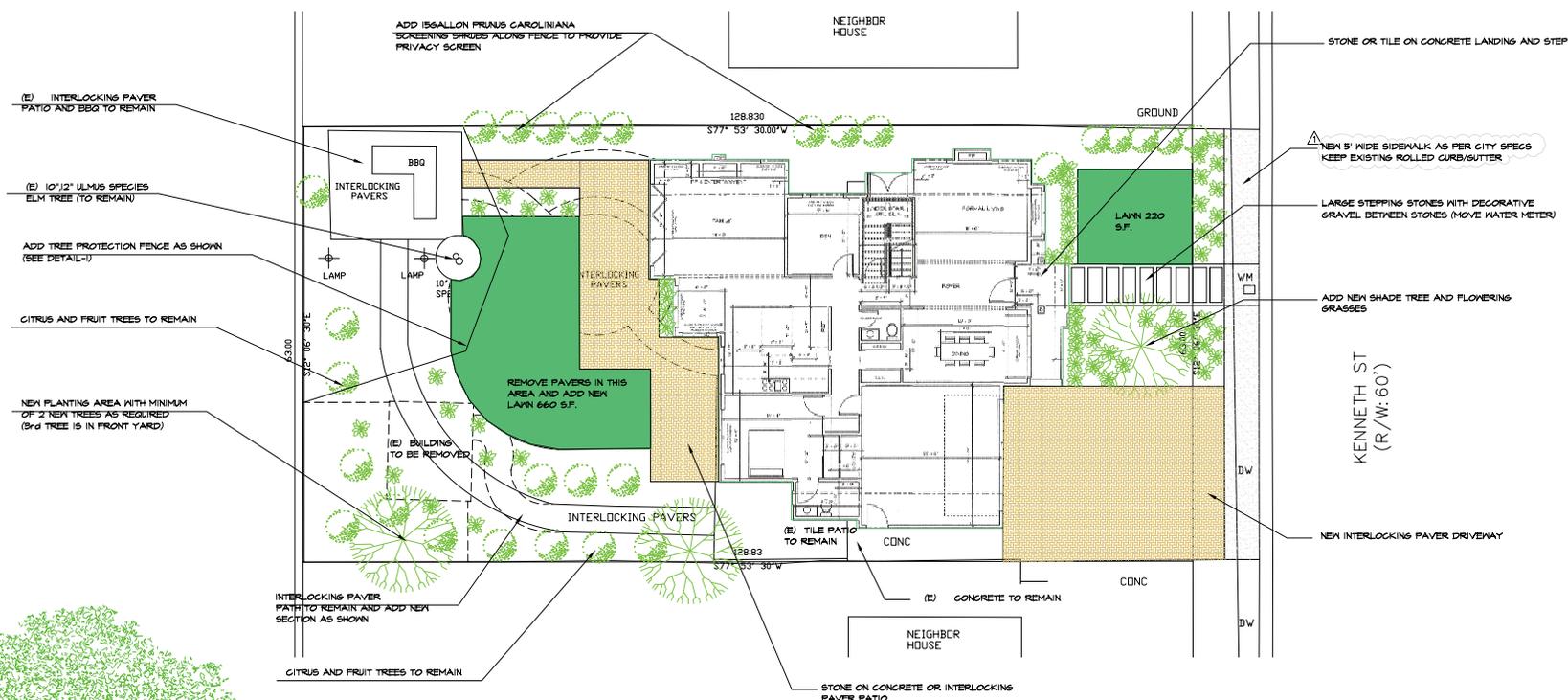
REVISIONS	BY
△ 6/25/18	MY



**PRELIMINARY
LANDSCAPE PLAN**

**NEW RESIDENCE
479 KENNETH STREET
CAMPBELL, CA**

AP/N 604-25-061
DRAWN MY
CHECKED MY
DATE 5/1/18
SCALE 1/8" = 1'-0"
JOB NO. 331
SHEET 1-1
OF SHEETS



TREE PROTECTION DETAIL-1

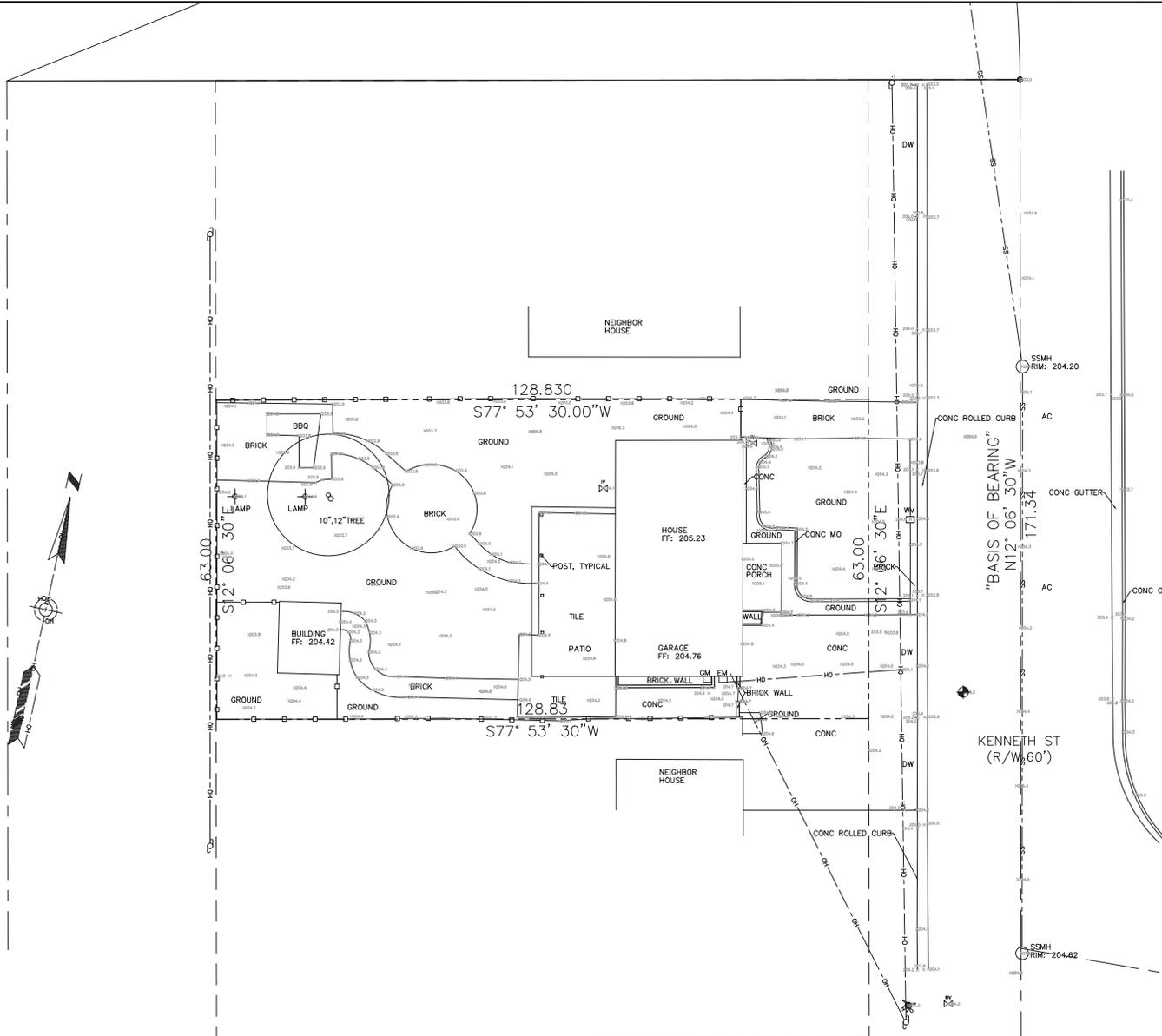
PRELIMINARY LANDSCAPE PLAN

HIGH WATER USE LAWN=880 S.F. (25% OF TOTAL LANDSCAPE AREA)
TOTAL LANDSCAPE AREA = 3480 S.F.

I AGREE TO COMPLY WITH THE REQUIREMENTS OF THE WATER EFFICIENT LANDSCAPE ORDINANCE AND SUBMIT A COMPLETE LANDSCAPE DOCUMENTATION PACKAGE



1/8" = 1'-0"



---	PROPERTY LINE	AC	ASPHALT
---	EXISTING LOTS	AD	AREA DRAIN
---	CENTERLINE	ANC	ANCHOR
---	EASEMENT LINE	BISL	BUILDING SETBACK LINE
---	SANITARY SEWER LINE	C&G	CURB AND GUTTER
---	STORM DRAIN LINE	CB	CATCH BASIN
---	OVERHEAD POWER LINE	CD	CURB CUT
---	WOOD FENCE	DW	DRIVEWAY
---	POWER POLE	EB	ELECTRIC BOX
---	TIRE HYDRANT	EM	ELECTRIC METER
---	JOINT POLE	EP	EDGE OF PAVEMENT
---	SURVEY MONUMENT FOUND	FM	FLAG
---	TBM (ELEVATION)	GA	GUY ANCHOR
---	WATER VALVE	GM	GAS METER
---		GV	GAS VALVE
---		IP	IRON BIT VALVE
---		JP	JEST PILE
---		MB	MAIL BOX
---		MH	MANHOLE
---		PLU	PUBLIC UTILITY EASEMENT
---		PC	BRICK CONC PAVEMENT
---		PP	POWER POLE
---		(R)	RAILROAD
---		SS	STREET LIGHT
---		SSMH	STORM SEWER MANHOLE
---		SSMH	SANITARY SEWER MANHOLE
---		SSCO	STORM SEWER CLEAN OUT
---		TS	THROUGH CURB DRIVE
---		TS	TRAFFIC SIGN
---		VC	VALLEY CUTTER
---		WM	WATER METER
---		WV	WATER VALVE

DISCLAIMER:
SMP ENGINEERS OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN.

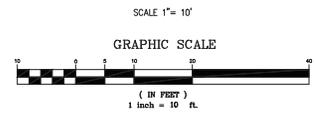
NOTE:
THIS MAP REPRESENTS TOPOGRAPHY OF THE SURFACE FEATURES ONLY. UNLESS SPECIFIED ON THIS MAP, LOCATIONS OF THE UNDERGROUND UTILITIES ARE NEITHER INTENDED NOR IMPLIED. FOR THE LOCATIONS OF UNDERGROUND UTILITIES CALL "USA" (1-800-642-2444). SURFACE FEATURES ARE LOCATED BY MEANS OF A STATION AND OFFSET FROM THE CONTROL LINE.

BASIS OF BEARINGS:
FOUND SURVEY MONUMENTS, RECORD INFORMATION WAS USED. PER RECORD MAP, BOOK 44 PAGE 46 WHICH IS FILED IN THE COUNTY OF SANTA CLARA RECORDER'S OFFICE.

PROJECT BENCHMARK:
S.C.V.D. BENCHMARK
BM #620
DISK FOUND
ELEV= 210.27
(NAVD 88 DATUM)

SITE BENCHMARK:
SURVEY CONTROL
SET W/AG NAIL
ELEVATION=204.24'
(NAVD 88 DATUM)

- NOTES:**
1. ALL DIMENSIONS ARE GIVEN IN FEET AND DECIMALS THEREOF.
 2. THE GROSS AREA OF LAND OF RECORD IS 8,116 SQ. FT. ±.
 3. THE MAP WAS BASED ON A GRANT DEED DOC.# 19559082 BY ALLIANCE TITLE CO. DATED 8/22/2007, RECORDED IN SANTA CLARA COUNTY.
 4. ALL EXISTING BUILDINGS ARE WOOD.
 5. FOR PRECISE SPECIES OF TREES A CERTIFIED ARBORIST SHALL BE CONSULTED.
 6. THIS DRAWING REPRESENTS A TOPOGRAPHIC SURVEY PREPARED IN CONFORMANCE WITH THE REQUIREMENTS OF THE LAND SURVEYORS ACT. THE PROPERTY LINES SHOWN HEREON ARE COMPILED FROM RECORD DATA AND REPRESENT THE BEST GRAPHICAL FIT BETWEEN RECORD INFORMATION AND THE TOPOGRAPHICAL FEATURES SURVEYED AND SHOULD NOT BE RELIED UPON OR USED FOR ANY OTHER PURPOSES. PURSUANT TO THE CLIENT'S DIRECTION A BOUNDARY SURVEY WAS NOT PERFORMED AT THIS TIME WHICH MAY HAVE DETERMINED THE ACTUAL PROPERTY LINES.



479 Kenneth Street
Campbell
APN: 404-25-061



SMP ENGINEERS
CIVIL ENGINEERS—LAND SURVEYORS
1534 Carob Lane Los Altos, CA 94024
Tel. (650) 941-8055 Fax (650) 941-8755

Scale: 1" = 10'
Prepared by:
Checked by:
Date: 8/28/2017
Project No: 217087

TOPOGRAPHIC SURVEY MAP

Sheet No: T-1

REVISIONS	DESIGN BY	DESIGN DATE	CITY APPR.	APPR. DATE

CITY OF CAMPBELL

GRADING AND DRAINAGE NOTES

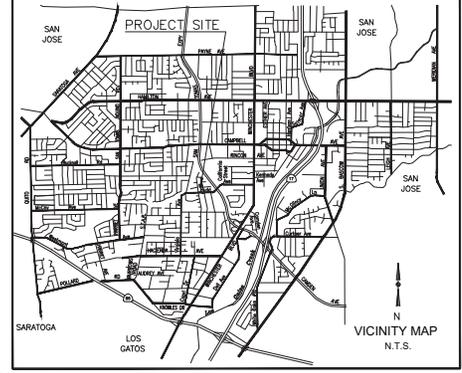
- CALIFORNIA BUILDING CODE**
ALL WORK SHALL COMPLY WITH THE 2016 CALIFORNIA BUILDING CODE.
- O.S.H.A. REGULATIONS**
ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE O.S.H.A. REGULATIONS.
- GEOTECHNICAL (SOILS) REPORT**
THE ENGINEER OF WORK HAS DESIGNED THIS PROJECT TO COMPLY WITH THE GRADING RECOMMENDATIONS IN THE PROJECT GEOTECHNICAL REPORT PREPARED BY "TRIN", DATED "DATE" PROJECT NO. "FILE NO".
- SPECIFICATIONS AND OBSERVATIONS**
ALL GRADING AND DRAINAGE TO BE CONFORMED TO APPROVED SPECIFICATIONS PRESENTED HEREON. ALL GRADING WORK SHALL BE OBSERVED AND APPROVED BY THE SOILS ENGINEER OR ENGINEER OF WORK. THE SOILS ENGINEER/ENGINEER OF WORK AND CITY (866-2150) SHALL BE NOTIFIED AT LEAST 48 HOURS BEFORE BEGINNING ANY GRADING. UNAPPROVED GRADING WORK SHALL BE REMOVED AND REPLACED UNDER OBSERVATION.
- NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM**
PRIOR TO ISSUANCE OF ANY GRADING OR BUILDING PERMITS, THE APPLICANT SHALL COMPLY WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITTING REQUIREMENTS AND THE CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICES HANDBOOK PREPARED BY THE STORM WATER QUALITY TASK FORCE, SANTA CLARA VALLEY WATER DISTRICT AND THE CITY OF CAMPBELL MUNICIPAL CODE REGARDING STORM WATER POLLUTION PREVENTION.
- LOCAL NON-POINT SOURCE ORDINANCE**
COMPLIANCE WITH THE LOCAL NON-POINT SOURCE ORDINANCE CONCERNING DISCHARGE OF MATERIALS TO THE STORM DRAINAGE SYSTEM SHALL BE THE RESPONSIBILITY OF THE GRADING CONTRACTOR.
- UNDERGROUND UTILITIES AND STRUCTURES**
THE EXISTENCE AND APPROXIMATE LOCATIONS OF UNDERGROUND UTILITIES AND STRUCTURES SHOWN ON THESE PLANS WERE DETERMINED BY THE ENGINEER OF WORK BY SEARCHING THE AVAILABLE PUBLIC RECORDS. THEY ARE SHOWN FOR GENERAL INFORMATION ONLY. THE CITY OF CAMPBELL MAKES NO CLAIM OF THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY UTILITY LOCATIONS WITH THE APPROPRIATE AGENCY. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES, STRUCTURES AND ANY OTHER IMPROVEMENTS FOUND AT THE WORK SITE.
- EROSION CONTROL**
EROSION CONTROL PLANTING AND OTHER SOIL RETENTION OR EROSION CONTROL MEASURES MAY BE REQUIRED IN ALL GRADED AREAS. SEE LANDSCAPE PLAN, IF APPLICABLE, FOR DETAILS OF PLANTING.
- UTILITY ELEVATION VERIFICATION**
THE CONTRACTOR SHALL VERIFY ALL EXISTING INVERT ELEVATIONS FOR DISCREPANCIES EXIST BETWEEN THE ACTUAL ELEVATIONS AND STORM DRAIN CONSTRUCTION PERMITS. ANY SITE WORK SHOULD LOCATIONS OF EXISTING STORM DRAIN CONNECTIONS AND THOSE AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER OF WORK BEFORE ADJUSTING THE DESIGN.
- UTILITY CROSSINGS**
THE CONTRACTOR SHALL UNCOVER AND EXPOSE ALL EXISTING UTILITY, SEWER AND STORM DRAIN LINES WHERE THEY ARE TO BE CROSSED ABOVE OR BELOW BY THE NEW FACILITY BEING CONSTRUCTED IN ORDER TO VERIFY THE GRADE AND TO ASSURE THAT THERE IS SUFFICIENT CLEARANCE. HE OR SHE SHALL CALL THE ENGINEER OF WORK REGARDING POTENTIAL CONFLICTS BEFORE FIELD WORK BEGINS.
- GRADING REQUIREMENTS**
DRAINAGE, INCLUDING ALL ROOFS AND PATIO DRAINS, SHALL BE DIRECTED AWAY FROM THE STRUCTURE. IT SHALL BE THE OWNER'S AND CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE DRAINAGE SYSTEM FACILITIES SHOWN HEREON ARE KEPT CLEAR OF OBSTRUCTIONS AND THE CONTRACTOR SHALL REGRADE AREAS THAT WILL NOT DRAIN AFTER FINAL GRADING. THE GROUND ADJACENT TO THE BUILDING SHALL SLOPE AWAY WITH A MINIMUM SLOPE OF 2% FOR AT LEAST 10 FEET. MINIMUM SLOPE IN ALL OTHER CASES SHALL BE NO LESS THAN 2%.
- GRADED SITE ELEVATIONS**
ON GRADED SITES, THE TOP OF ANY EXTERIOR FOUNDATION SHALL EXTEND ABOVE THE ELEVATION OF THE STREET CUTTER AT POINT OF DISCHARGE OR THE INLET OF AN APPROVED DRAINAGE DEVICE A MINIMUM OF 12 INCHES (305 MM) PLUS 2 PERCENT. THE BUILDING OFFICIAL MAY APPROVE ALTERNATE ELEVATIONS, PROVIDED IT CAN BE DEMONSTRATED DRAINAGE TO THE POINT OF DISCHARGE AND AWAY FROM THE STRUCTURE IS PROVIDED AT ALL LOCATIONS ON THE SITE.
- CLEAN, SAFE AND USABLE PUBLIC RIGHT-OF-WAY AND PRIVATE PROPERTY**
THE PERMITTEE SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHTS-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL WORK OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
- TOPOGRAPHY SURVEY**
THE TOPOGRAPHY SURVEY MADE BY ROBERT JAMES CRAIG ON 3/27/2017.
- TREE REMOVAL AND PRESERVATION**
THIS PLAN DOES NOT APPROVE REMOVAL OF TREES. APPROPRIATE TREE REMOVAL PERMITS AND METHOD OF TREE PRESERVATION SHOULD BE OBTAINED FROM THE PLANNING DIVISION.
- PROJECT PLANS**
THIS PLAN IS A PART OF PROJECT PLANS. SEE ARCHITECT AND LANDSCAPE PLANS, IF APPLICABLE, FOR DETAILS AND DIMENSIONS. FENCES AND WALLS ARE NOT A PART OF THESE PLANS.
- FINAL LETTER OF INSPECTION**
THE SOILS ENGINEER OR ENGINEER OF WORK SHALL PROVIDE FINAL LETTER OF INSPECTION AT COMPLETION OF THE GRADING.
- GRADE EVENLY**
THE CONTRACTOR SHALL GRADE EVENLY BETWEEN SPOT ELEVATIONS SHOWN.
- APPROVAL OF PLANS**
APPROVAL OF THIS PLAN APPLIES ONLY TO THE EXCAVATION, PLACEMENT AND COMPACTING OF NATURAL EARTH MATERIALS. THIS APPROVAL DOES NOT CONFER ANY RIGHTS OF ENTRY TO EITHER PUBLIC PROPERTY OR THE PRIVATE PROPERTY OF OTHERS. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF ANY IMPROVEMENTS, PROPOSED IMPROVEMENTS ARE SUBJECT TO REVIEW AND APPROVAL BY THE RESPONSIBLE AUTHORITIES AND ALL OTHER REQUIRED PERMITS SHALL BE OBTAINED.
- WELL LOCATIONS**
ALL EXISTING WELL LOCATIONS ON THE SITE HAVE BEEN INCLUDED AND SUCH WELLS SHALL BE MAINTAINED OR ABANDONED ACCORDING TO CURRENT REGULATIONS ADMINISTERED BY THE SANTA CLARA VALLEY WATER DISTRICT. CALL (408) 265-2100 EXTENSION 362 TO ARRANGE FOR DISTRICT OBSERVATIONS OF ALL WELL ABANDONMENTS.
- EARTHWORK QUANTITIES**
THE EARTHWORK QUANTITIES SHOWN ON THESE PLANS ARE ONLY TO BE USED TO DETERMINE THE GRADING PLAN REVIEW AND PERMIT FEES.
- ELEVATION ADJUSTMENTS**
ADJUSTMENTS OF PAVED OR UNPAVED LOT ELEVATIONS TO ACHIEVE EARTHWORK BALANCE SHALL BE MADE ONLY WITH APPROVAL OF THE ENGINEER OF WORK AND THE CITY OF CAMPBELL BUILDING DIVISION.
- TRUCK ROUTE**
THE TRUCK ROUTE SHALL BE: HEAD SOUTH IN KENNETH AVE, HEAD EAST IN BUDD AVENUE, HEAD SOUTH IN SAN TOMAS AVENUE, MERGE ONTO CA-7.
- CONTRACTOR RESPONSIBILITIES**
THE SOILS ENGINEER OR ENGINEER OF WORK WILL NOT DIRECTLY CONTROL THE PHYSICAL ACTIVITIES OF THE CONTRACTOR OR ANY SUBCONTRACTORS OF THE CONTRACTOR OR SUBCONTRACTORS WORKMANS ACCUMULATION OF WORK ON THE PROJECT. CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR WORKING CONDITIONS ON THE JOBSITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND IS NOT LIMITED TO NORMAL WORKING HOURS.
- NEAT AND CLEAN PREMISES**
DURING THE PROGRESS OF THE WORK, THE CONTRACTOR SHALL KEEP THE PREMISES OCCUPIED BY HIM IN A NEAT AND CLEAN CONDITION, DISPOSING OF RUBBISH IN A SATISFACTORY MANNER AS OFTEN AS DIRECTED OR AS MAY BE NECESSARY SO THAT THERE SHALL AT NO TIME BE ANY UNSIGHTLY ACCUMULATION OF RUBBISH

ON-SITE GRADING & DRAINAGE PLANS

PROJECT STREET ADDRESS: 479 KENNETH AVE., CAMPBELL, CA 95008
 BUILDING PERMIT NO. BLDXXXX-XXXX
 ASSESSORS PARCEL NO. 404-25-061
 NEW SINGLE FAMILY HOUSE



CITY OF CAMPBELL
 DEPARTMENT OF PUBLIC WORKS



AGENCY INDEX

- SANTA CLARA COUNTY FIRE DEPARTMENT (408) 378-4010
- CITY OF CAMPBELL - PUBLIC WORKS (408) 866-2150
- CITY OF CAMPBELL - POLICE (408) 866-2121
- AT&T TELEPHONE (408) 811-3900
- PACIFIC GAS & ELECTRIC (408) 973-8980
- SAN JOSE WATER COMPANY (408) 278-7900
- SANTA CLARA VALLEY WATER DISTRICT (408) 265-2600
- COMCAST CABLE TELEVISION (408) 452-9100
- WEST VALLEY SANITATION DISTRICT (408) 378-2407

- ### ABBREVIATIONS
- | | | | |
|------|-------------------|------|--------------------------|
| AB | AGGREGATE BASE | LCL | LAYOUT LINE |
| AC | ASPHALT CONCRETE | MAX | MAXIMUM |
| BC | BEGIN CURVE | MH | MANHOLE |
| BCR | BEGIN CURB RETURN | MIN | MINIMUM |
| BW | BOTTOM OF WALL | OG | ORIGINAL GRADE |
| CL | CLASS | PB | PULL BOX |
| DIA | DIAMETER | PCC | PORTLAND CEMENT CONCRETE |
| DWAY | DRIVEWAY | PVC | POLYVINYL CHLORIDE |
| EC | END CURVE | R | RADIUS |
| ECD | END CURB RETURN | RCP | REINFORCED CONCRETE PIPE |
| ED | EDGE DRAIN | R/W | RIGHT-OF-WAY |
| EX | EXISTING | STA | STATION |
| FC | FACE OF CURB | SW | SIDEWALK |
| FG | FINISH GRADE | TC | TOP OF CURB |
| FH | FIRE HYDRANT | TEMP | TEMPORARY |
| I | INVERT | TW | TOP OF WALL |
| INV | IRRIGATION | TYP | TYPICAL |
| | | WLK | WALKWAY |

26. ANY ABANDONED UNDERGROUND PIPES
 ANY ABANDONED UNDERGROUND PIPES EXPOSED DURING CONSTRUCTION SHALL BE REMOVED, ADEQUATELY PLUGGED, OR A COMBINATION OF BOTH IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF CAMPBELL BUILDING DIVISION.

27. HUMAN REMAINS
 IF HUMAN REMAINS ARE DISCOVERED DURING THE CONSTRUCTION, UNLESS THE CORNER HAS NOTIFIED THE PERMITTEE IN WRITING THAT THE REMAINS DISCOVERED HAVE BEEN DETERMINED NOT TO BE NATIVE AMERICAN, THE PERMITTEE SHALL NOTIFY ALL PERSONS ON THE CITY'S NATIVE AMERICAN NOTIFICATION LIST OF SUCH DISCOVERY. SUCH NOTIFICATION SHALL BE SENT BY FIRST CLASS U.S. MAIL WITHIN SEVEN (7) DAYS OF THE DATE ON WHICH THE PERMITTEE NOTIFIED THE CORNER AND SHALL STATE THAT THE CORNER HAS BEEN NOTIFIED IN ACCORDANCE WITH CALIFORNIA STATE LAW.

28. MAINTENANCE PROCEDURES
 THE CONTRACTOR SHALL ADVISE THE OWNER OF APPROPRIATE MAINTENANCE PROCEDURES OF THE DRAINAGE SYSTEMS.

29. DUST CONTROL
 ALL EXPOSED OR DISTURBED SOIL SURFACES SHALL BE WATERED AS NECESSARY, BUT NOT LESS THAN TWICE DAILY TO CONTROL DUST. AREAS OF DIGGING AND GRADING OPERATIONS SHALL BE CONSISTENTLY WATERED TO CONTROL DUST. GRADING OR OTHER DUST PRODUCING ACTIVITIES SHALL BE SUSPENDED DURING PERIODS OF HIGH WIND WHEN DUST IS READILY VISIBLE IN THE AIR. STOCKPILES OF SOIL, DEBRIS, SAND, OR OTHER DUST PRODUCING MATERIALS SHALL BE WATERED OR COVERED. THE CONSTRUCTION AREA AND THE SURROUNDING STREETS SHALL BE SWEEP (NO WATER) AS NECESSARY, BUT NOT LESS THAN TWICE DAILY.

30. CONSTRUCTION MITIGATION MEASURE
 HOURS OF CONSTRUCTION SHALL BE LIMITED TO 8:00 AM. TO 5:00 P.M. MONDAY THROUGH FRIDAY, AND 9:00 AM. TO 4:00 P.M. ON SATURDAY. CONSTRUCTION ACTIVITIES SHALL NOT TAKE PLACE ON SUNDAYS AND HOLIDAYS.

31. CONSTRUCTION PERIMETER RETENTION WALLS
 ALL PROPERTY LINE RETENTION WALLS SHALL BE MADE OF CONCRETE OR MASONRY.

32. STORMWATER TREATMENT FACILITIES
 ALL STORMWATER TREATMENT FACILITIES REQUIRE PUBLIC WORKS INSPECTIONS. CALL 408-866-2150 TO SCHEDULE INSPECTIONS 48 HOURS PRIOR.

CITY OF CAMPBELL
 PLANNING DIVISION CLEARANCE

PLAN CHECK # _____
 APPROVED BY: _____
 DATE: _____

THESE PLANS HAVE BEEN REVIEWED AND FOUND TO BE IN SUBSTANTIAL COMPLIANCE WITH THE INTENT AND PURPOSE OF THE GEOTECHNICAL EXPLORATION REPORT ON _____ IN CAMPBELL, CALIFORNIA, PROJECT NO. _____ DATED _____ PREPARED BY _____

PROFESSIONAL SEAL: No. 023000, Exp. _____, State of California, Civil Engineer

CITY OF CAMPBELL
 PUBLIC WORKS DEPARTMENT CLEARANCE

THIS PLAN WITH ATTACHED DOCUMENTS HAS BEEN REVIEWED FOR COMPLIANCE WITH THE CITY OF CAMPBELL AND STATE OF CALIFORNIA CODES AND THE CURRENT NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. THIS PLAN SHALL NOT BE CHANGED OR MODIFIED WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL. WORK PERFORMED RELATED TO THIS PLAN SHALL BE DONE IN ACCORDANCE WITH THE PLAN AND ALL APPLICABLE CODES. THE APPROVAL SHALL NOT BE HELD TO BE AN APPROVAL OF A VIOLATION OF ANY CITY OR STATE LAW.

BY: _____ DATE: _____

Earthwork Quantities

FILL:	30 CY
CUT:	50 CY
IMPORT:	0 CY
EXPORT:	20 CY

NOTE: QUANTITIES ARE APPROXIMATE. CONTRACTORS ARE TO PERFORM THEIR OWN QUANTITY TAKE OFFS FOR BIDDING PURPOSES.

BASIS OF BEARINGS

FOUND SURVEY MONUMENTS, RECORD INFORMATION WAS USED. REFER RECORD MAP, BOOK 44 PAGE 46 WHICH IS FILED IN THE COUNTY OF SANTA CLARA RECORDER'S OFFICE.

BASIS OF ELEVATIONS

S.C.V.W.D. BENCHMARK BM #620
 DISK FOUR
 ELE+V= 210.27 (NAVD 88 DATUM)

SEAL OF ENGINEER OF WORK:
 I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 67003 OF THE BUSINESS AND PROFESSIONS CODES, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

THE DESIGN SHOWN HEREON IS NECESSARY AND REASONABLE AND DOES NOT RESTRICT ANY HISTORIC DRAINAGE FLOWS FROM ADJACENT PROPERTIES NOR INCREASE DRAINAGE TO ADJACENT PROPERTIES.

THE DESIGN INCLUDES PRINCIPLES AND TECHNIQUES TO REDUCE QUANTITY AND IMPROVE THE QUALITY OF STORM WATER RUNOFF, AS REQUIRED BY NPDES.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF CAMPBELL IS CONSIDERED TO BE A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

SIGNATURE: _____ P.E. _____
 PRINT: _____
 SMP ENGINEERS
 1534 CAROL LANE, LOS ALTOS, CA 94024
 TEL: (650) 941-8255

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LEGEND

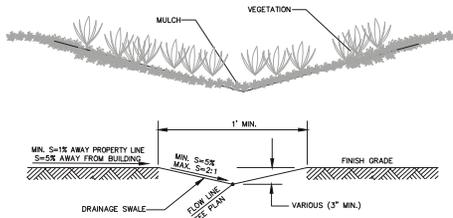
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CURB AND GUTTER	[Symbol]
CENTER LINE	[Symbol]
PROPERTY LINE	[Symbol]
EDGE OF PAVEMENT	[Symbol]
DRIVEWAY	[Symbol]
PCC OR AC REMOVAL	[Symbol]
STANDARD CITY MONUMENT	[Symbol]
BENCH MARK	[Symbol]
MANHOLE	[Symbol]
STORM DRAIN INLET	[Symbol]
WATER METER	[Symbol]
VALVE	[Symbol]
FIRE HYDRANT	[Symbol]
STREET LIGHT	[Symbol]
POWER POLE	[Symbol]
PULL BOX	[Symbol]
CABLE TELEVISION LINE	[Symbol]
ELECTRICAL LINE	[Symbol]
IRRIGATION LINE	[Symbol]
NATURAL GAS LINE	[Symbol]
OVERHEAD LINE	[Symbol]
SANITARY SEWER LINE	[Symbol]
STORM DRAIN LINE	[Symbol]
TELEPHONE LINE	[Symbol]
WATER LINE	[Symbol]
TRAFFIC SIGNAL CONDUIT	[Symbol]
LIGHTING CONDUIT	[Symbol]
ROADSIDE SIGN & SIGN CODE	[Symbol]
FENCE	[Symbol]
TREE/SHRUB	[Symbol]
WALL	[Symbol]

COVER SHEET
 GRADING AND DRAINAGE PLANS
 NEW SINGLE FAMILY HOUSE
 479 KENNETH AVE., CAMPBELL, CA 95008

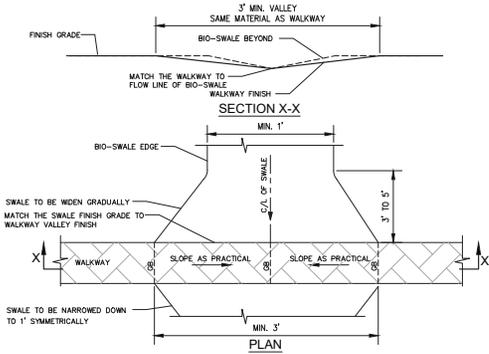
1534 CAROL LANE
 LOS ALTOS, CA 94024
 TEL: (650) 941-8255
 FAX: (650) 941-8256
 WWW.SMPENGINEERS.COM

PROFESSIONAL SEAL: No. 023734, State of California, Civil Engineer

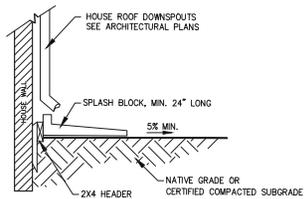
SCALE: N.T.S.
 SHEET: 1 OF 4



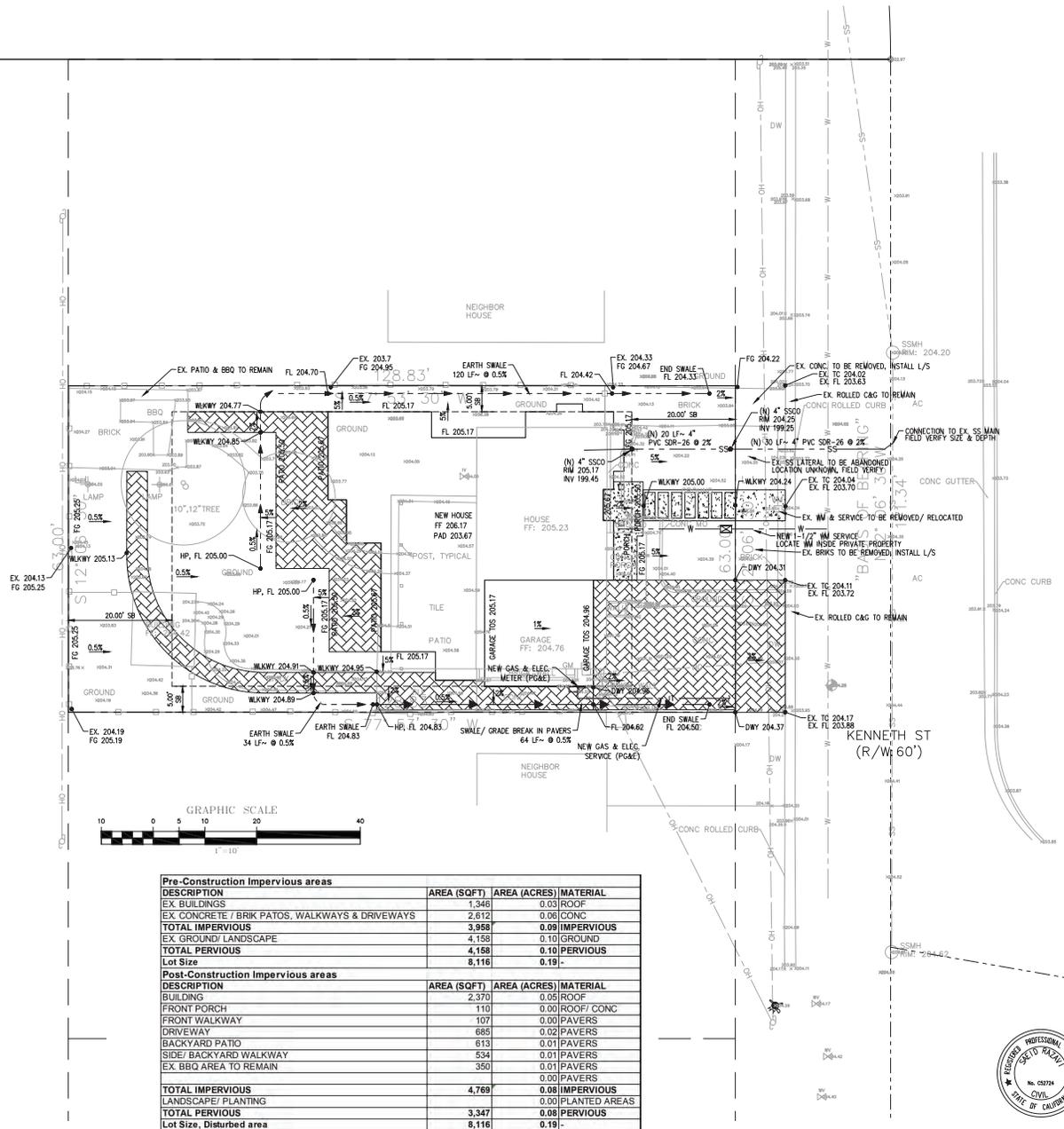
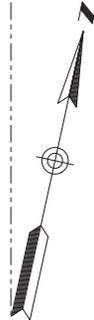
EARTH SWALE DETAIL
NTS



SWALE AT WALKWAYS DETAIL
NTS



ROOF DOWNSPOUT/SPLASH BLOCK
NTS



Pre-Construction Impervious areas			
DESCRIPTION	AREA (SQFT)	AREA (ACRES)	MATERIAL
EX. BUILDINGS	1,348	0.03	ROOF
EX. CONCRETE / BRK PATOS, WALKWAYS & DRIVEWAYS	2,612	0.06	CONC
TOTAL IMPERVIOUS	3,958	0.09	IMPERVIOUS
EX. GROUND/ LANDSCAPE	4,158	0.10	GROUND
TOTAL PERVIOUS	4,158	0.10	PERVIOUS
Lot Size	8,116	0.19	-

Post-Construction Impervious areas			
DESCRIPTION	AREA (SQFT)	AREA (ACRES)	MATERIAL
BUILDING	2,370	0.05	ROOF
FRONT PORCH	110	0.00	ROOF/ CONC
FRONT WALKWAY	107	0.00	PAVERS
DRIVEWAY	685	0.02	PAVERS
BACKYARD PATIO	613	0.01	PAVERS
SIDE/ BACKYARD WALKWAY	534	0.01	PAVERS
EX. BBQ AREA TO REMAIN	350	0.01	PAVERS
TOTAL IMPERVIOUS	4,769	0.08	IMPERVIOUS
LANDSCAPE/ PLANTING	4,769	0.00	PLANTED AREAS
TOTAL PERVIOUS	3,347	0.08	PERVIOUS
Lot Size, Disturbed area	8,116	0.19	-

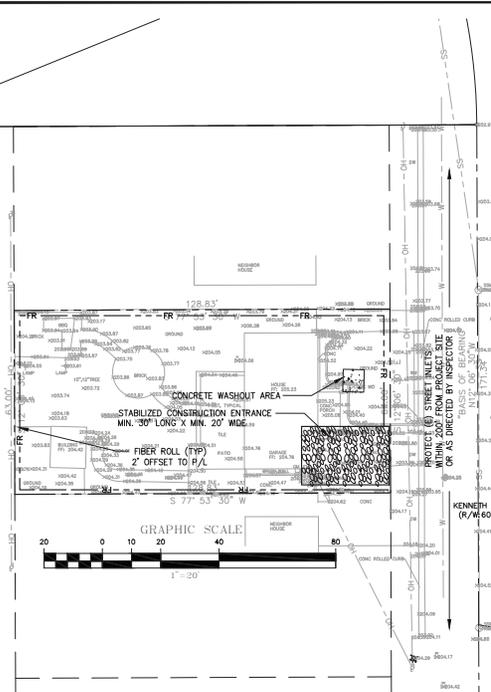
Date:	5/31/2018
Prepared By:	S.P.
Checked By:	S.R.
SMP Job No.:	217087


 1556 CAROL LANE
 SUITE 100
 TULLY, CA 94588
 P: (925) 941-8000
 F: (925) 941-8010
 WWW.ENGINEERSCIVIL.COM

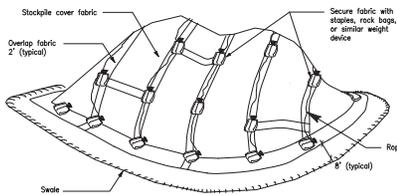
GRADING AND DRAINAGE PLAN
GRADING AND DRAINAGE PLANS
NEW SINGLE FAMILY HOUSE
479 KENNETH AVE., CAMPBELL, CA 95008



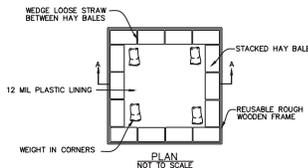
SCALE:
 1" = 10'
 SHEET:
 2 OF 4



SITE PLAN
1"=20'

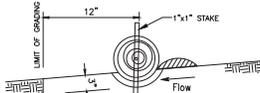


TEMPORARY COVER ON STOCK PILE
N.T.S.



CONCRETE WASHOUT AREA
N.T.S.

SECTION A-A
NOT TO SCALE



FIBER ROLL
N.T.S.

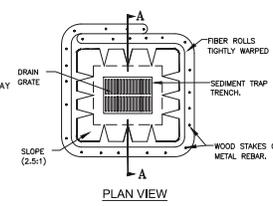
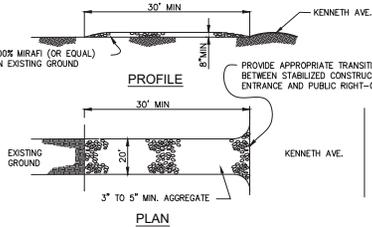
FIBER ROLL NOTES

1. Place fiber roll in key trench 3" deep and place excavated soil on uphill or flow side of the roll.
2. On slopes and hillside, fiber rolls shall be abutted at the ends and not overlapped. Place alternate stakes on both sides of the roll, every 6'.
3. Install fiber roll 12" from limit of grading.

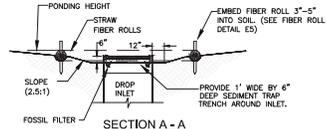
Maintenance

- The entrance shall be maintained in a condition that will prevent tracking or flowing sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand, and repair and/or clean out any measures used to trap sediment.
- All sediment spilled, dropped, washed, or tracked onto public rights-of-way shall be removed immediately.
- When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. This shall be done on an area stabilized with crushed stone, which drains into an approved sediment trap or sediment basin.

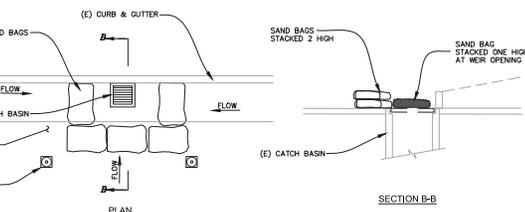
STABILIZED CONSTRUCTION ENTRANCE
(TO BE MAINTAINED)



STORM INLET SEDIMENT TRAP-FIBER ROLLS



SECTION A-A



EXISTING STREET DRAINAGE INLET PROTECTION
N.T.S.

EROSION AND SEDIMENT CONTROL NOTES AND MEASURES

1. The facilities shown on this Plan are designed to control Erosion and sediment during the rainy season, October 15T to April 30TH. Facilities are to be operative prior to October 1 of any year. Grading operations during the rainy season, which leave denuded slopes shall be protected with erosion control measures immediately following grading on the slopes.
2. This plan covers only the first winter following grading with assumed site conditions as shown on the Erosion Control Plan. Prior to September 15, the completion of site improvement shall be evaluated and revisions made to this plan as necessary with the approval of the city engineer. Plans are to be resubmitted for city approval prior to September 1 of each subsequent year until site improvements are accepted by the city.
3. Construction entrances shall be installed prior to commencement of grading. All construction traffic entering onto the paved roads must cross the stabilized construction entrances.
4. Contractor shall maintain stabilized entrance at each vehicle access point to existing paved streets. Any mud or debris tracked onto public streets shall be removed daily and as required by the city.
5. If hydroseding is not used or is not effectively 10/10, then other immediate methods shall be implemented, such as Erosion control blankets, or a three-step application of 1) seed, mulch, fertilizer 2) bloom straw 3) topsoil and mulch.
6. Inlet protection shall be installed at open inlets to prevent sediment from entering the storm drain system. Inlets not used in conjunction with erosion control are to be blocked to prevent entry of sediment.
7. Lots with houses under construction will not be hydroseded Erosion protection for each lot with a house under construction shall conform to the Typical Lot Erosion Control Detail shown on this sheet.
8. This erosion and sediment control plan may not cover all the situations that may be encountered during construction due to unanticipated field conditions. Variations and additions may be made to this plan in the field. Notify the city representative of any field changes.
9. This plan is intended to be used for interim erosion and sediment control only and is not to be used for final elevations or permanent improvements.
10. Contractor shall be responsible for monitoring erosion and sediment control prior, during, and after storm events.

11. Reasonable care shall be taken when hauling any earth, sand, gravel, stone, debris, paper or any other substance over any public street, alley or other public place. Should any blow, spill, or track over and upon said public or adjacent private property, immediately remedy shall occur.
12. Sanitary facilities shall be maintained on the site.
10. During the rainy season, all paved areas shall be kept clear of earth material and debris. The site shall be maintained so as to minimize sediment laden runoff to any storm drainage systems, including existing drainage swales and water courses.
13. Construction operations shall be carried out in such a manner that erosion and water pollution will be minimized. State and local laws concerning pollution abatement shall be complied with.
14. Contractors shall provide dust control as required by the appropriate federal, state, and local agency requirements.
15. With the approval of the city inspector, erosion and sediment controls may be removed after crews above them have been stabilized.

MAINTENANCE NOTES

1. Maintenance is to be performed as follows:
 - A. Repair damages caused by soil erosion or construction at the end of each working day.
 - B. Swales shall be inspected periodically and maintained as needed.
 - C. Sediment traps, berms, and swales are to be inspected after each storm and repairs made as needed.
 - D. Sediment shall be removed and sediment traps restored to its original dimensions when sediment has accumulated to a depth of one foot.
 - E. Sediment removed from trap shall be deposited in a suitable area and in such a manner that it will not erode.
 - F. Rills and gullies must be repaired.
2. All existing drainage inlets on St. George Lane within the limit of the project shall be protected with sand bags during construction. See detail. Sand bag inlet protection shall be cleaned out whenever sediment depth is one half the height of one sand bag.
3. Existing concrete ditch sediment trap shall be cleaned out routinely during construction.

1. PLACE FIBER ROLLS AROUND THE INLET CONSISTENT WITH BASIN SEDIMENT BARRIER DETAIL ON THIS SHEET. FIBER ROLLS ARE TUBES MADE FROM STRAW BOUND W/ PLASTIC NETTING. THEY ARE APPROX. 8" DIA. AND 20 - 30 FT. LONG.
2. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE FIBER ROLL IN A TRENCH, 3" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.
3. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY-PASSING THE INLET. EXCAVATION OF A BASIN ADJACENT TO THE DROP INLET OR A TEMPORARY DIKE ON THE DOWNSLOPE OF THE STRUCTURE MAY BE NECESSARY.
4. FOSSIL FILTERS SHALL BE INCORPORATED IN ALL CATCH BASINS AND FIELD INLETS 24" AND LARGER AND SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS. FOSSIL FILTERS ARE AVAILABLE FROM KRISTAR ENTERPRISES INC., 422 LARKFIELD CENTER, SUITE 271, SANTA ROSA, CA 95403, PHONE (800) 579-8819.

Date:	5/31/2018
Prepared By:	S.P.
Checked By:	S.R.
SMP Job No.:	217087

155W CAROL LANE
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ENGINEERS
 CIVIL ENGINEERS

EROSION CONTROL PLAN
GRADING AND DRAINAGE PLANS
NEW SINGLE FAMILY HOUSE
479 KENNETH AVE., CAMPBELL, CA 95008

PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA
 No. 052734
 CIVIL

SCALE:
 1" = 20'
 SHEET:
 3 OF 4

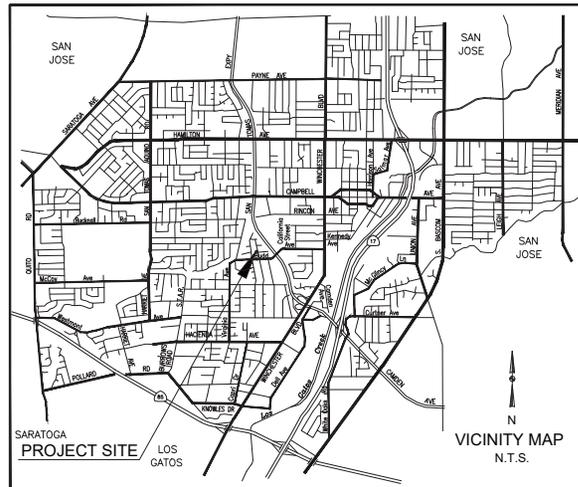
GENERAL NOTES

- 1. ENCROACHMENT PERMIT**
OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF CAMPBELL PUBLIC WORKS DEPARTMENT BEFORE PERFORMING ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY. MAINTAIN A COPY OF THE PERMIT ON THE JOB SITE AT ALL TIMES.
- 2. WORK CONFORMANCE REQUIREMENTS**
ALL WORK SHALL CONFORM TO THE ENCROACHMENT PERMIT, THESE PLANS, AND THE CITY OF CAMPBELL STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION (DATED JULY 1994, AND OTHER SPECIFICATIONS REFERENCED THEREIN).
- 3. WORK IN PUBLIC RIGHT-OF-WAY**
THESE PLANS ONLY APPROVE WORK WITHIN THE PUBLIC STREET RIGHT-OF-WAY AND PUBLIC EASEMENTS. SEPARATE PLAN APPROVALS AND PERMITS ARE REQUIRED FOR INSTALLATION OF ANY PUBLIC UTILITY FACILITY, AND ANY WORK ON PRIVATE PROPERTY.
- 4. CONTRACTOR RESPONSIBILITIES**
THE CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF THE WORK, 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 CITY, ITS OFFICERS, EMPLOYEES AND VOLUNTEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF THE WORK, EXCEPTING LIABILITY ARISING FROM THE NEGLIGENCE OF THE CITY, ITS OFFICERS, EMPLOYEES AND VOLUNTEERS.
- 5. GEOTECHNICAL (SOILS) REPORT**
GEOTECHNICAL CONDITIONS ARE IDENTIFIED IN A REPORT ENTITLED "_____" PREPARED BY _____ DATED _____, THE REMOVE, PLAGI OR RELocate EXISTING IRRIGATION LINES WITHIN THE PUBLIC RIGHT-OF-WAY AS DIRECTED BY THE CITY ENGINEER. REMOVE ABANDONED IRRIGATION LINES WITHIN 12 FEET OF THE GRADING PLANE.
- 6. PROJECT SCHEDULE**
PRIOR TO CONSTRUCTION, SUBMIT TO THE CITY ENGINEER A DETAILED PROJECT SCHEDULE SHOWING PRIMARY COMPONENTS OF WORK.
- 7. UNDERGROUND SERVICE ALERT**
CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 800-227-2600 AT LEAST 48 HOURS PRIOR TO COMMENCING ANY EXCAVATIONS. CONTRACTOR SHALL HAND DIG TO EXPOSE EXISTING UTILITIES. FAILURE TO COMPLY MAY RESULT IN SUBSTANTIAL PENALTIES IN ACCORDANCE WITH GOVERNMENT CODE SECTION 4216.
- 8. UNDERGROUND STRUCTURES**
THE EXISTENCE AND LOCATIONS OF UNDERGROUND STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING FACILITIES EXCEPT AS SHOWN. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONARY MEASURES TO PROTECT ALL SUBSTRUCTURES, WHETHER SHOWN ON THE PLANS OR NOT, MAKE EXPLORATORY EXCAVATIONS, AND LOCATE EXISTING UNDERGROUND FACILITIES SURFACELY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO THESE PLANS WHEN NECESSARY. THE CITY OF CAMPBELL MAKES NO CLAIMS OF THE ACCURACY OR COMPLETENESS OF THE UTILITIES SHOWN.
- 9. TRAFFIC CONTROL PLAN**
PREPARE, SUBMIT TO THE CITY ENGINEER FOR REVIEW, AND IMPLEMENT TRAFFIC CONTROL PLANS AS REQUIRED IN THE STANDARD SPECIFICATIONS. PROVIDE AND MAINTAIN ALL NECESSARY TEMPORARY TRAFFIC CONTROL DEVICES, TO ENSURE SAFE PEDESTRIAN AND VEHICULAR ACCESS THROUGH AND AROUND THE JOB SITE. NOTIFY THE POLICE DEPARTMENT DAILY OF LANE CLOSURES OR DETOURS WITHIN ROADWAYS. PROVIDE A 24-HOUR EMERGENCY RESPONSE TELEPHONE NUMBER TO THE CITY ENGINEER.
- 10. EROSION, DUST, AND DRAINAGE CONTROL**
PROVIDE TEMPORARY EROSION, DUST, AND DRAINAGE CONTROL MEASURES DURING CONSTRUCTION. FOLLOW BEST MANAGEMENT PRACTICES AS RECOMMENDED BY SANTA CLARA COUNTY NON-POINT SOURCE POLLUTION CONTROL PROGRAM. PRIOR TO CONCRETE SAWCUTTING OR WASHING, PLACE FILTER FABRIC MATERIAL IN THE FLOW LINE OR GUTTERS TO RETAIN DEBRIS AND TO PREVENT DEBRIS FROM ENTERING THE STORM DRAIN SYSTEM. PICK UP, SWEEP OR VACUUM, AND DISPOSE OF EXCESS SOIL AND DEBRIS FROM THE SITE. OBTAIN PERMITS AND PAY FEES REQUIRED TO DISPOSE OF EXCESS MATERIALS.
- 11. PROTECTION AND REPAIR OF IMPROVEMENTS AND UTILITIES**
TAKE PRECAUTIONARY MEASURES NECESSARY TO PROTECT FROM DAMAGE ALL EXISTING IMPROVEMENTS AND UTILITIES WHICH ARE TO REMAIN IN PLACE. EXPEDITIOUSLY REPAIR ANY AND IMPROVEMENTS AND UTILITIES REMOVED OR DAMAGED BY THE CONTRACTOR'S OPERATIONS.
- 12. INCONSISTENCIES BETWEEN PLANS AND FIELD CONDITIONS**
NOTIFY THE CITY ENGINEER IMMEDIATELY OF ANY INCONSISTENCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS. NO DEVIATION FROM THESE PLANS IS PERMITTED WITHOUT APPROVAL OF THE CITY ENGINEER.
- 13. CONSTRUCTION STAKING**
SUBMIT TWO SETS OF CONSTRUCTION STAKING CUT SHEETS TO THE CITY PRIOR TO INSPECTION OF WORK REQUIRING STAKING.
- 14. INSTALLATION OF UNDERGROUND UTILITIES**
INSTALL ALL UNDERGROUND UTILITIES IN PAVED AREAS PRIOR TO STARTING WORK ON NEW STREET STRUCTURAL SECTIONS OR OVERLAYS.
- 15. IRRIGATION LINES IN PUBLIC RIGHT-OF-WAY**
REMOVE, PLAGI OR RELocate EXISTING IRRIGATION LINES WITHIN THE PUBLIC RIGHT-OF-WAY AS DIRECTED BY THE CITY ENGINEER. REMOVE ABANDONED IRRIGATION LINES WITHIN 12 FEET OF THE GRADING PLANE.
- 16. GRADE UNIMPROVED AREAS TO CONFORM**
GRADE UNIMPROVED AREAS ADJACENT TO HIGH CURBS, GUTTERS, SIDEWALKS AND PAVEMENT TO CONFORM TO NEW IMPROVEMENTS AND TO PROVIDE FOR SAFETY AND DRAINAGE.
- 17. STREET LIGHTS**
NEW STREET LIGHTS SHALL BE 340 VOLT. POLE REQUIRED FEES, PERMITS, INSTALLATIONS AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE OWNER. PROVIDE A COPY OF POSE RECEIPTS TO THE CITY ENGINEER.
- 18. SURVEY REFERENCE POINTS**
PROTECT, OR RESTORE BY A LICENSED SURVEYOR CIVIL ENGINEER, SURVEY MONUMENTS AND BENCHMARKS DAMAGED OR DESTROYED DURING CONSTRUCTION. FILE CORNER RECORD OR RECORD OF SURVEY AS REQUIRED.
- 19. AS BUILT PLANS**
SUBMIT AS BUILT PLANS OR MYLARS, SIGNED BY THE ENGINEER OF WORK AND ACCEPTABLE TO THE CITY ENGINEER, PRIOR TO FINAL ACCEPTANCE.
- 20. TRUCK ROUTE**
THE TRUCK ROUTE SHALL BE: SOUTH ON ON KENNETH AVE., THEN TURN LEFT ON TO LOS GATOS AVE., THEN LEFT TO SAN TOMAS EXPRESSWAY, TO THE FREEWAYS.
- 21. UTILITY ENCROACHMENT PERMIT**
OBTAIN SEPARATE PERMITS WITH EACH UTILITY COMPANY FOR THE INSTALLATION OF ALL UTILITIES THAT WILL SERVE THE DEVELOPMENT (INCLUDING WATER, SEWER, GAS, ELECTRIC, ETC.). APPLICANT SHALL APPLY FOR AND PAY ALL NECESSARY FEES FOR UTILITY PERMITS FOR SANITARY SEWERS, GAS, WATER, ELECTRIC AND ALL OTHER UTILITY WORK. THE PLAN SHALL CLEARLY SHOW THE LOCATION AND SIZE OF ALL EXISTING UTILITIES AND THE ASSOCIATED MAIN LINES. INDICATE WHICH UTILITIES AND SERVICES ARE TO REMAIN, WHICH UTILITIES AND SERVICES ARE TO BE ABANDONED, AND WHERE NEW UTILITIES AND SERVICES ARE TO BE INSTALLED. JOINT TRENCHES FOR NEW UTILITIES SHALL BE USED WHEREVER POSSIBLE. THE LOCATIONS OF THE UTILITIES SHALL NOT DEVIATE FROM THE PROPOSED LOCATIONS ON THE OFF-SITE STREET IMPROVEMENT PLANS.
- 22. STORM SEWER SYSTEM REQUIREMENTS**
 - ALL STORM DRAIN TRENCHES ARE TO BE 12" DEEP UNLESS NOTED OTHERWISE.
 - BOLT-DOWN MANHOLE COVERS SHALL BE USED WHEN MANHOLES ARE NOT LOCATED IN THE ROADWAY.
 - CONTRACTOR SHALL PROVIDE VIDEO INSPECTION OF ALL NEWLY CONSTRUCTED STORM MAINS PRIOR TO PROJECT ACCEPTANCE.
 - CONTRACTOR SHALL INSTALL NO DUMPING - FLOWS TO 8" MEDALLIONS OR STENCILS AT ALL INLETS AND CATCH BASINS WITHIN THE PROJECT LIMITS.

**STREET IMPROVEMENT PLANS - OFF-SITE
479 KENNETH AVE., CAMPBELL, CA 95008
ENCROACHMENT PERMIT NO.: 2018-XXXX**



**CITY OF CAMPBELL
DEPARTMENT OF PUBLIC WORKS**



SITE BENCHMARK:
SURVEY CONTROL
SET MAG NAIL
ELEVATION=204.24'
(NAVD 88 DATUM)

PROJECT BENCHMARK:
S.C.V. B.M. BENCHMARK
11.5'x 5.5' WM #520
DISK FOUND
ELEV= 210.27
(NAVD 88 DATUM)

BASIS OF BEARINGS:
FOUND SURVEY MONUMENTS, RECORD INFORMATION WAS USED. PER RECORD MAP, BOOK: 44 PAGE: 46 WHICH IS FILED IN THE COUNTY OF SANTA CLARA RECORDER'S OFFICE.

ABBREVIATIONS

AGENCY INDEX

SANTA CLARA COUNTY FIRE DEPARTMENT	(408) 378-4010
CITY OF CAMPBELL - PUBLIC WORKS	(408) 866-2150
CITY OF CAMPBELL - POLICE	(408) 866-2121
AT&T	(408) 980-2061
PACIFIC GAS & ELECTRIC	1-800-743-5000
SAN JOSE WATER COMPANY	(408) 279-7000
SANTA CLARA VALLEY WATER DISTRICT	(408) 265-2600
COMCAST (BETWEEN 7:00AM AND 3:00PM)	1-800-945-2288
COMCAST (AFTER NORMAL WORKING HOURS)	(408) 378-2407
WEST VALLEY SANITATION DISTRICT	(408) 378-5780
UNITED STATES POSTAL SERVICE	(408) 293-8500
WEST VALLEY COLLECTION & RECYCLING	(408) 321-5973
VALLEY TRANSPORTATION AUTHORITY - BUS SERVICE	

AB	AGGREGATE BASE	IRR	IRRIGATION
AC	ASPHALT CONCRETE	MAX	MAXIMUM
BC	BEGIN CURVE	MH	MANHOLE
BCR	BEGIN CURB RETURN	MIN	MINIMUM
CL	CLASSICENTERLINE	FB	PULL BOX
DA	DIAMETER	PCC	PORTLAND CEMENT CONCRETE
DWY	DRIVEWAY	PVC	POLYVINYL CHLORIDE
END	END CURVE	R	RADIUS
ECR	END CURB RETURN	RCP	REINFORCED CONCRETE PIPE
ED	EDGE DRAIN	RW	RIGHT-OF-WAY
EP	EDGE OF PAVEMENT	SCD	SEWER CLEAN OUT
EGR	EDGE OF GRASS	ST	STATION
EX	EXISTING	SW	SIDEWALK
FC	FACE OF CURB	TC	TOP OF CURB
FG	FINISH GRADE	TEMP	TEMPORARY
FL	FIRE HYDRANT	TYP	TYPICAL
INV	INVERT	WM	WATER METER

GENERAL APPROVAL NOTE:

APPROVAL OF THESE PLANS DOES NOT RELIEVE THE DEVELOPER/PERMITEE OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS OR OMISSIONS CONTAINED THEREIN IF, DURING THE COURSE OF CONSTRUCTION, PUBLIC INTEREST REQUIRES A MODIFICATION OF THESE PLANS OR THE STANDARD SPECIFICATIONS AND DETAILS OF THE CITY OF CAMPBELL. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE SUCH MODIFICATION AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE CONSTRUCTED, AT NO COST TO THE CITY.

APPROVED FOR IMPROVEMENTS WITHIN THE PUBLIC RIGHT-OF-WAY AS DESIGN ONLY BASED UPON INFORMATION SUBMITTED HEREON:

AMY OLAY, P.E.
CITY ENGINEER
CITY OF CAMPBELL

Date: _____

SEAL OF ENGINEER OF WORK:

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 8703 OF THE BUSINESS AND PROFESSIONS CODES, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF CAMPBELL IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

SIGNATURE: _____ P.E.

SAIED RAZAVI
SMP ENGINEERS
1534 CAROL LANE
LOS ALTOS, CA 94024
TELEPHONE: (650) 941-8555

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BLUEPRINT FOR A CLEAN BAY	5

LEGEND

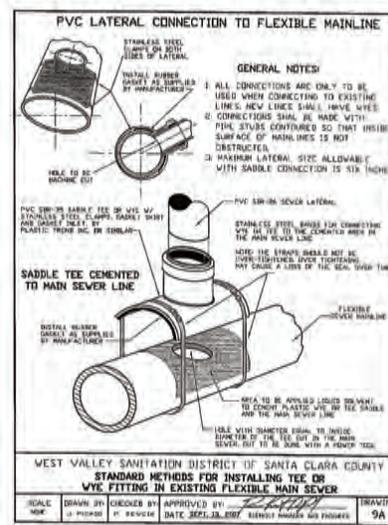
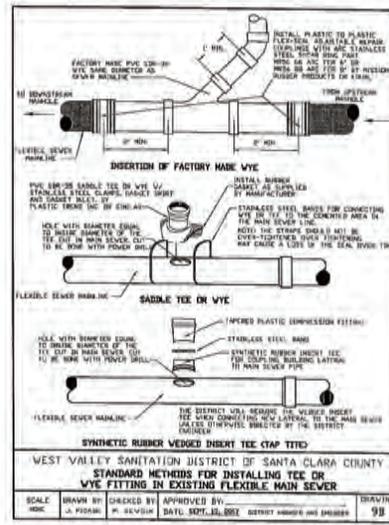
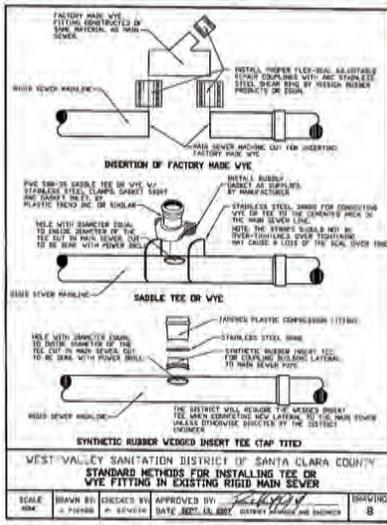
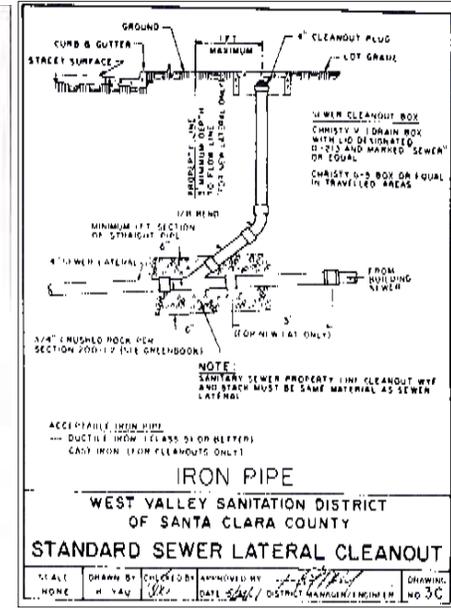
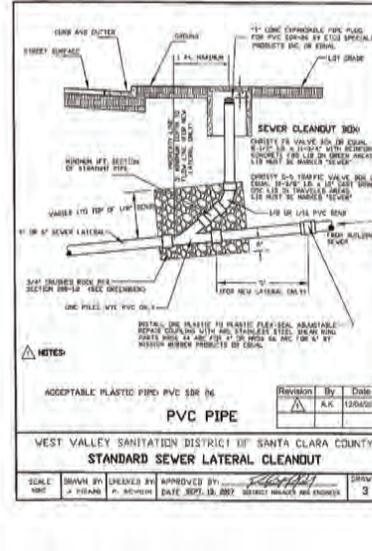
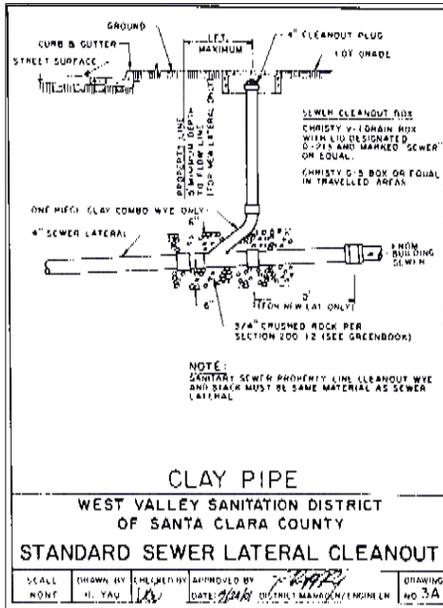
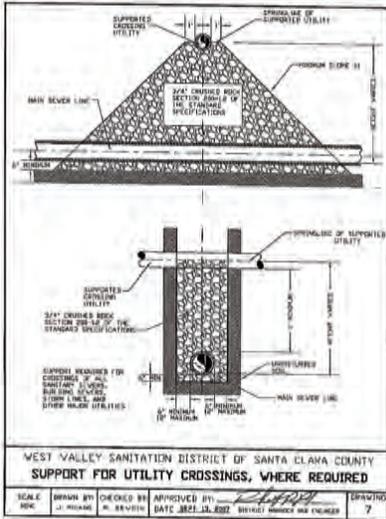
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PROPERTY LINE	[Symbol]
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DRIVEWAY	[Symbol]
ACCESSIBILITY RAMP	[Symbol]
2" AC GRIND & OVERLAY	[Symbol]
NEW AC PAVEMENT	[Symbol]
STANDARD CITY MONUMENT	[Symbol]
BENCH MARK	[Symbol]
MANNHOLE	[Symbol]
STORM DRAIN INLET	[Symbol]
WATER METER VALVE	[Symbol]
FIRE HYDRANT	[Symbol]
STREET LIGHT	[Symbol]
POWER POLE	[Symbol]
PULL BOX	[Symbol]
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STORM DRAIN LINE	[Symbol]
TELEPHONE LINE	[Symbol]
WATER LINE	[Symbol]
TRAFFIC SIGNAL CONDUIT	[Symbol]
LIGHTING CONDUIT	[Symbol]
ROADSIDE SIGN & SIGN CODE	[Symbol]
FENCE	[Symbol]
TREE/SHRUB	[Symbol]

Date: 07/13/2018
Prepared By: S.P.
Checked By: S.R.
SMP Job No.: 217987

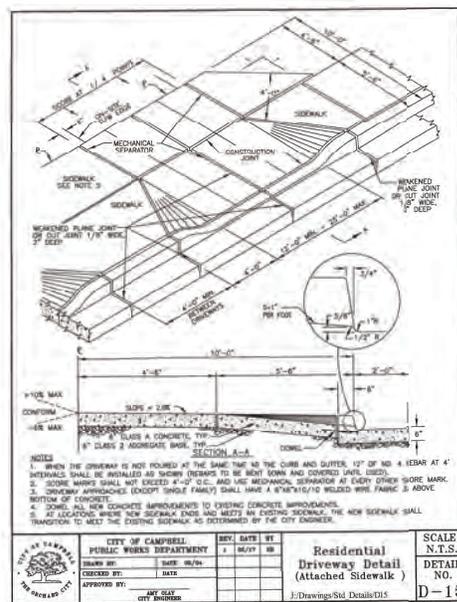
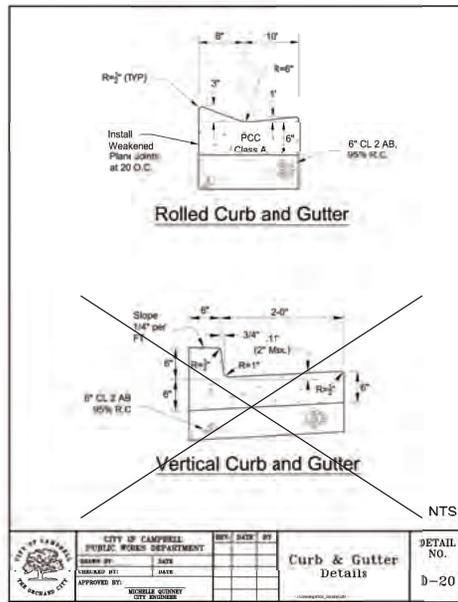
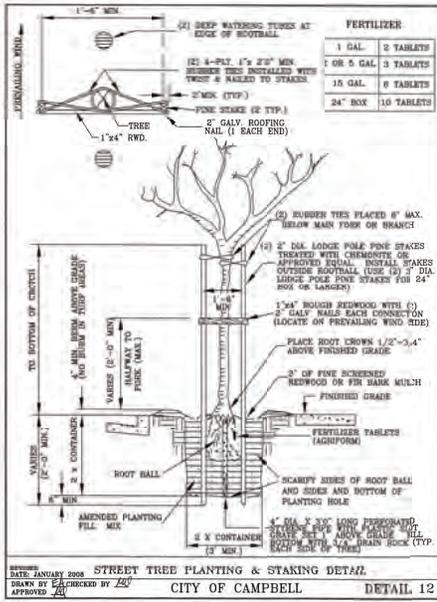
1534 CAROL LANE
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WWW.SMPENGINEERS.COM

COVER SHEET
GRADING AND DRAINAGE PLANS
NEW SINGLE FAMILY HOUSE
479 KENNETH AVE., CAMPBELL, CA 95008

SCALE: NTS
SHEET: 1 OF 5



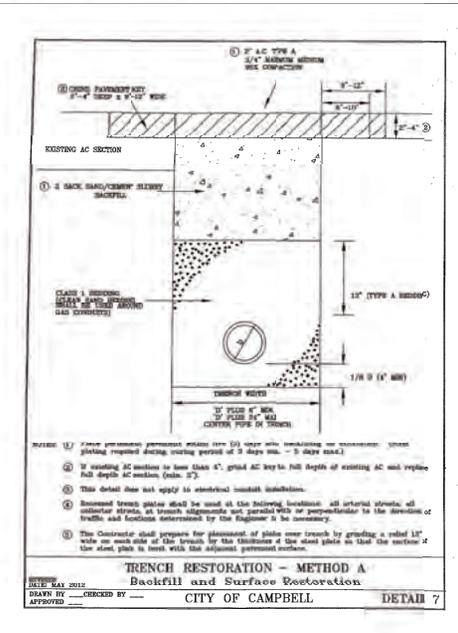
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 GRADING AND DRAINAGE PLANS
 NEW SINGLE FAMILY HOUSE
 479 KENNETH AVE., CAMPBELL, CA 95008
 SCALE:
 NTS
 SHEET:
 3 OF 5



NOTES: (unless otherwise specified in the plans or special provisions)

- All trees shall be a minimum of 15-gallon size and of the variety indicated on the plans or specified by the City Engineer.
- Each tree shall be approved by the Engineer prior to planting. Contractor may request Engineer to pre-approve tree at local nursery.
- The exact location of each tree shall be approved by the Engineer prior to planting.
- Vertically cut the root ball at three or four places to loosen roots and discourage circling. Vertically scarify sides and bottom of planting hole.
- When planting, hold tree so that previous planting level is even with sidewalk level and gradually place top soil about the root ball.
- Top soil fill shall be an approved garden mix loam that is mixed at a 1:1 ratio with the native soil removed from the planting hole.
- When hole is three-quarters full, fill with water to compact the soil and eliminate air pockets.
- Fill planting hole with loose soil to ground level.
- Construct a watering basin around each tree as shown.
- Planting operations must be followed by a deep, thorough watering of each tree.
- Substitutions in tree varieties are permitted only upon written authorization from the City Engineer.
- All street trees installed in commercial and industrial shall be installed with an irrigation system (fed from on-site).

STREET TREE PLANTING NOTES
 CITY OF CAMPBELL DETAIL 13



FRESH CONCRETE AND MORTAR APPLICATION

BEST MANAGEMENT PRACTICES FOR:

- Masons and bricklayers
- Sidewalk construction crews
- Patio construction workers
- Construction inspectors
- General contractors
- Home builders
- Developers

GENERAL BUSINESS PRACTICES

- Both at your yard and the construction site, always store both dry and wet materials under cover, protected from rainfall and runoff. Protect dry materials from wind.
- Secure bags of cement after they are open. Be sure to keep wind-blown cement powder away from gutters, storm drains, rainfall, and runoff.
- Wash out concrete mixers only in designated wash-out areas in your yard, where the water will flow into containment ponds or onto dirt. Whenever possible, recycle washout by pumping back into mixers for reuse. Never dispose of washout into the street, storm drains, drainage ditches, or streams.

- When cleaning up after driveway or sidewalk construction, wash fins onto dirt areas, not down the driveway or into the street or storm drains.
- Place hay bales or other erosion controls down-slope to capture runoff carrying mortar or cement before it reaches the storm drain.

- When breaking up paving, be sure to pick up all the pieces and dispose properly.
- Recycle large chunks of broken concrete at a landfill.
- Dispose of small amounts of excess dry concrete, grout, and mortar in the trash.
- Never bury waste material.

STORM DRAIN POLLUTION FROM MASONRY AND PAVING

Fresh concrete and cement-related mortars that wash into lakes, streams, or estuaries are toxic to fish and the aquatic environment. Disposing of these materials to the storm drains or creeks causes serious problems and is prohibited by law.

DURING CONSTRUCTION

- Don't mix up more fresh concrete or cement than you will use in a day.
- Set up and operate small mixers on tarps or heavy plastic drop cloths.

LANDSCAPING, GARDENING, AND POOL MAINTENANCE

BEST MANAGEMENT PRACTICES FOR THE:

- Landscapers
- Gardeners
- Swimming pool/spa service and repair workers
- General contractors
- Home builders
- Developers

GENERAL BUSINESS PRACTICES

- Protect stockpiles and landscaping materials from wind and rain by storing them under tarps or secured plastic sheeting.
- Store pesticides, fertilizers, and other chemicals indoors or in a shed or storage cabinet.
- Do not place yard waste in gutters.
- Do not blow or rake leaves, etc. into the street.
- Use temporary check dams or ditches to divert runoff away from storm drains.
- Protect storm drains with hay bales or other erosion controls.
- Revegetation is an excellent form of erosion control for any site.

POOL/FOUNTAIN/SPA MAINTENANCE

BEST MANAGEMENT PRACTICES FOR THE:

- Never discharge pool or spa water to a street or storm drain.
- OR
- When emptying a pool or spa, let chlorine dissipate for a few days, and then recycle/reuse water by draining it gradually into a landscaped area.

GENERAL BUSINESS PRACTICES

- Protect the local sewage treatment authority. You may be able to discharge to the sanitary sewer by running a hose to a utility sink or sewer pipe cleanout junction.
- Do not use copper-based algaecides unless absolutely necessary. Control algae with chlorine or other alternatives to copper-based pool chemicals. Copper is a powerful herbicide. Sewage treatment technology cannot remove all of the metals that enter a treatment plant.

LANDSCAPING/GARDEN MAINTENANCE

BEST MANAGEMENT PRACTICES FOR THE:

- Use up pesticides. Rinse containers, and use rinse water as product. Dispose of rinsed containers in the trash.
- Dispose of unused pesticide as hazardous waste.
- Collect lawn and garden clippings, pruning waste, and tree trimmings. Chip if necessary, and compost.
- In communities with curbside yard waste recycling, leave clippings and pruning waste for pickup in approved bags or containers. Or, take to a landfill that composts yard waste.

GENERAL BUSINESS PRACTICES

- Do not use diesel oil to lubricate equipment or parts.
- Clean up spills immediately when they happen.

STORM DRAIN POLLUTION FROM LANDSCAPING AND SWIMMING POOL MAINTENANCE

Many landscaping activities decompose soils and increase the likelihood that earth and garden chemicals will runoff into the storm drains during irrigation or when it rains. Swimming pool water containing chlorine and copper-based algaecides should never be discharged to storm drains. These chemicals are toxic to aquatic life.

HEAVY EQUIPMENT OPERATION

BEST MANAGEMENT PRACTICES FOR THE:

- Vehicle and equipment operators
- Site supervisors
- General contractors
- Home builders
- Developers

SITE PLANNING AND PREVENTIVE VEHICLE MAINTENANCE

- Designate one area of the construction site, well away from streams or storm drain inlets, for auto and equipment parking, refueling, and routine vehicle and equipment maintenance.
- Maintain all vehicles and heavy equipment. Inspect frequently for leaks.
- Perform major maintenance, repair jobs, vehicle and equipment washing off site.

STORM DRAIN POLLUTION FROM HEAVY EQUIPMENT ON THE CONSTRUCTION SITE

- If you must drain and replace motor oil, radiator coolant, or other fluids on site, use drip pans or drop cloths to catch drips and spills. Collect all spent fluids, store in separate containers, and recycle whenever possible.
- Do not use diesel oil to lubricate equipment or parts.
- Clean up spills immediately when they happen.

PAINTING AND APPLICATION OF SOLVENTS AND ADHESIVES

BEST MANAGEMENT PRACTICES FOR THE: PAINTING/CLEANUP

- Painters
- Paperhangers
- Plasterers
- Graphic artists
- Dry wall crews
- Floor covering installers
- General contractors
- Home builders
- Developers

PAINT REMOVAL

- Chemical paint stripping residue is a hazardous waste.
- Chips and dust from marine paints or paints containing lead or tributyltin are hazardous wastes. Dry sweep and dispose of appropriately.
- Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up and disposed as trash.
- When stripping or cleaning building exteriors with high-pressure water, block storm drains. Wash water onto a dirt area and spade into soil. Or, check with the local wastewater treatment authority to find out if you can collect (trap or vacuum) building cleaning water and dispose to the sanitary sewer.

WHAT CAN YOU DO?

- Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- For water based paints, paint out brushes to the extent possible, and rinse to the sanitary sewer.
- For oil based paints, paint out brushes to the extent possible, filter and reuse thinners and solvents. Dispose of excess liquids and residue as hazardous waste.
- Recycle excess water-based paint, or use up. Dispose of excess liquid, including sludges, as hazardous waste.
- Reuse leftover paint cans, spent brushes, rags, and drop cloths may be disposed of as trash.

STORM DRAIN POLLUTION FROM PAINTS, SOLVENTS, AND ADHESIVES

All paints, solvents, and adhesives contain chemicals that are harmful to the wildlife in our creeks and Bay. Toxic chemicals may come from liquid or solid products or from cleaning residues or rags. It is especially important not to clean brushes in an area where paint residue can flow to a gutter, street, or storm drain.

Blueprint for a Clean Bay

BEST MANAGEMENT PRACTICES FOR THE CONSTRUCTION INDUSTRY.

SANTA CLARA VALLEY NONPOINT SOURCE POLLUTION CONTROL PROGRAM

EARTH MOVING ACTIVITIES

BEST MANAGEMENT PRACTICES FOR THE:

- Bulldozers, backhoe, and grading machine operators
- Dump truck drivers
- Site supervisors
- General contractors
- Home builders
- Developers

DURING CONSTRUCTION

- Remove existing vegetation only when absolutely necessary.
- Consider planting temporary vegetation for erosion control on slopes or where construction is not immediately planned.
- Protect downslope drainage courses, streams, and storm drains with hay bales or temporary drainage swales.
- Use check dams or ditches to divert runoff around excavations.
- Cover stockpiles and excavated soil with secured tarps or plastic sheeting.

DETECTING CONTAMINATED SOIL OR GROUNDWATER

As you know, contaminated groundwater is a common problem in the Santa Clara Valley. It is essential that all contractors and subcontractors involved in excavation and grading know what to look for in detecting contaminated soil or groundwater, and test ponded groundwater before pumping. See Blueprint for a Clean Bay, a construction best management practices guide available from the Santa Clara Valley Nonpoint Source Pollution Control Program, for details.

WATCH FOR ANY OF THESE CONDITIONS:

- Unusual soil conditions, discoloration, or odor
- Abandoned underground tanks
- Abandoned wells
- Buried barrels, debris, or trash

STORM DRAIN POLLUTION FROM EARTH-MOVING ACTIVITIES

Soil excavation and grading operations loosen large amounts of soil that can flow or blow into storm drains if handled improperly. Soil erodes due to a combination of decreased soil stability, increased runoff, and increased flow velocity. Some of the most effective erosion control practices reduce the amount of runoff crossing a site and slow the flow with check dams or roughened ground surfaces.

GENERAL BUSINESS PRACTICES

- Schedule excavation and grading work for dry weather.
- Perform major equipment repairs away from the job site.
- When refueling or vehicle/equipment maintenance must be done on site, designate a location away from storm drains.
- Do not use diesel oil to lubricate equipment or parts.

ROADWORK AND PAVING

BEST MANAGEMENT PRACTICES FOR THE:

- Road Crews
- Driveway/sidewalk/parking lot construction crews
- Seal coat contractors
- Operators of grading equipment paving machines
- Concrete mixers
- Construction inspectors
- General contractors
- Developers

WHAT CAN YOU DO?

- Develop and implement erosion/sediment control plans for embankments.
- Schedule excavation and grading work for dry weather.
- Check for and repair leaking equipment.
- Perform major equipment repairs in designated areas at your yard, away from the construction site.

GENERAL BUSINESS PRACTICES

- When refueling or vehicle/equipment maintenance must be done on site, designate a location away from storm drains and creeks.
- Do not use diesel oil to lubricate equipment or parts.
- Recycle used oil, concrete, broken asphalt, etc. whenever possible.

DURING CONSTRUCTION

- Avoid paving and seal coating in wet weather, or when rain is forecast before fresh pavement will have time to cure.
- Cover and seal catch basins and manholes when applying seal coat, slurry seal, fog seal, etc.
- Use check dams, ditches, or berms to divert runoff around excavations.

ROADWORK AND PAVING

BEST MANAGEMENT PRACTICES FOR THE:

- Never wash excess material from exposed aggregate concrete or similar treatments into a street or storm drain. Collect and recycle, or dispose to dirt area.
- Cover stockpiles (asphalt, sand, etc.) and other materials with plastic tarps. Protect from rainfall and prevent runoff with temporary roofs or plastic sheets and berms.
- Catch drips from paver with drip pans or absorbent material (cloths, rags, etc.) placed under machine when not in use.
- Clean up all spills and leaks using "dry" methods (with absorbent materials and/or rags), or dig up and remove contaminated soil.
- Collect and recycle or appropriately dispose of excess abrasive gravel or sand.
- Avoid over application by water trucks for dust control.

ASPHALT/CONCRETE REMOVAL

- Avoid creating excess dust when breaking asphalt or concrete.
- After breaking old pavement, be sure to remove all clumps and pieces.
- Make sure broken pavement does not come in contact with rainfall or runoff.
- Shovel or vacuum saw-cut slurry and remove from the site. Cover or barricade storm drain during saw-cutting if necessary.
- Never hose down streets to clean up tracked dirt.

STORM DRAIN POLLUTION FROM ROADWORK

Road paving, surfacing, and pavement removal happen right in the street, where there are numerous opportunities for storm drain contamination by asphalt, saw-cut slurry, or excavated material. Extra planning is required to store and dispose of materials properly and guard against pollution of storm drains and creeks.

GENERAL CONSTRUCTION AND SITE SUPERVISION

BEST MANAGEMENT PRACTICES FOR THE:

- Construction industry

WHAT CAN YOU DO?

- Designate one area of the site for auto parking, vehicle refueling, and routine equipment maintenance. The designated area should be well away from streams or storm drain inlets, and bermed if necessary. Make major repairs off site.
- Keep materials out of the rain-prevent runoff contamination at the source. Cover exposed piles of soil of construction materials with plastic sheeting or temporary roofs. Before it rains, sweep and remove materials from surfaces that drain to storm drains, creeks, or channels.
- Keep pollutants off exposed surfaces. Place trash cans and recycling receptacles around the site to minimize litter.
- Clean up leaks, drips, and other spills immediately so they do not contaminate soil or groundwater or leave residue on paved surfaces.
- Never hose down "dirty" pavement or surfaces where materials have spilled. Use dry cleanup methods whenever possible. If you must use water, use just enough to keep the dust down.
- Cover and maintain dumpsters. Check frequently for leaks. Place dumpsters under roofs or cover with tarps or plastic sheeting secured around the outside of the dumpster. Never clean a dumpster by hosing it down on the construction site.
- Make sure portable toilets are in good working order. Check frequently for leaks.

MATERIALS/WASTE/HANDLING

- Practice Source Reduction—minimize waste when you order materials. Order only the amount you need to finish the job.
- Use recyclable materials whenever possible.
- Dispose of all wastes properly. Many construction materials and wastes, including solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and cleared vegetation can be recycled. (See the references list of recyclers at the back of Blueprint for a Clean Bay.) Materials that cannot be recycled must be taken to an appropriate landfill or disposed of as hazardous waste. Never bury waste materials or leave them in the street or near a creek or stream bed.

STORM DRAIN POLLUTION FROM CONSTRUCTION ACTIVITIES

Construction sites are common sources of storm water pollution. Materials and wastes that blow or wash into a storm drain, gutter or street have a direct impact on local creeks and the Bay. As a contractor, site supervisor, owner or operator of a site, you may be responsible for any environmental damage caused by your subcontractors or employees.

BEST MANAGEMENT PRACTICES FOR STORM WATER POLLUTION PREVENTION

Spill Response Agencies

1. Dial 911
2. Santa Clara Valley Water District Environmental Compliance Division (408) 927-0710.
3. Governor's Office of Emergency Services Warning Center (800) 852-7550 (24 hours).

Local Pollution Control Agencies

- Santa Clara County Office of Toxics and Solid Waste Management (408) 441-1195
- Santa Clara Valley Water District (408) 927-0710
- San Jose/Santa Clara Water Pollution Control Plant (408) 945-3300
- Serving Campbell, Cupertino, Los Gatos, Milpitas, Monte Sereno, San Jose, Santa Clara and Saratoga
- Sunnyvale Water Pollution Control Plant (408) 730-7270
- Palo Alto Regional Water Quality Control Plant (415) 329-2598
- Serving East Palo Alto, Los Altos, Los Altos Hills, Mountain View, Palo Alto, and Stanford

Note: The property owner and the contractor share ultimate responsibility for the activities that occur on a construction site. Owner and contractor may be held responsible for any environmental damage caused by the subcontractors or employees.

ORDINANCE OF THE CITY OF CAMPBELL ESTABLISHING REQUIREMENTS FOR STORM WATER POLLUTION CONTROL

- Criminal Penalties.** Any person who violates any provision of this article shall be guilty of a misdemeanor and upon conviction thereof shall be punishable by imprisonment for a term not to exceed six (6) months or by a fine not to exceed \$1000 or by both. Each and every violation of this chapter shall constitute a separate offense. Every day each such violation continues shall be an additional offense.
- Civil Penalties.** Any person who violates any provision of this chapter shall be civilly liable to the City of Campbell for all costs, including attorneys fees, associated with the investigation and remediation of environmental conditions caused by the discharge of pollutants into the Municipal Storm Drain System or a Watercourse in violation of this chapter.
- Civil Liability.** Any person who violates any provision of this chapter shall be civilly liable to the City of Campbell for all costs, including attorneys fees, associated with the investigation and remediation of environmental conditions caused by the discharge of pollutants into the Municipal Storm Drain System or a Watercourse in violation of this chapter.
- Remedies Cumulative.** The remedies provided for in this chapter are cumulative and not exclusive and shall be in addition to any and all other remedies available to the City of Campbell under State and Federal Law.

No.	Revision	Date	By	Check
DATE: 07/13/2018 PREPARED BY: S.F.P. CHECKED BY: S.F.P. SMP-JOB NO. 217087				
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