

MISCELLANEOUS PUBLIC IMPROVEMENTS

513 GARDEN STREET

SURVEY MONUMENTATION

THE CONTRACTOR SHALL FURNISH ALL SURVEYING REQUIRED FOR THE PRESERVATION OF EXISTING SURVEY MONUMENTATION. THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION AND/OR PERPETUATION OF ALL EXISTING SURVEY DOCUMENTS WHICH CONTROL SUBDIVISIONS, BOUNDARIES, STREETS, HIGHWAYS, RIGHTS OF WAY, AND EASEMENTS, OR PROVIDE SURVEY CONTROL FOR THAT WHICH WILL BE DISTRIBUTED OR REMOVED DUE TO THE WORK PERFORMED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF TEN WORKING DAYS NOTICE TO THE CITY SURVEYOR PRIOR TO THE DISTURBANCE OR REMOVAL OF EXISTING MONUMENTS. THE CITY SURVEYOR WILL COORDINATE WITH THE CONTRACTOR TO PROVIDE WITNESS MONUMENTS, RESET MONUMENTS, AND FILE THE REQUIRED DOCUMENTATION WITH THE COUNTY SURVEYOR IN ACCORDANCE WITH THE BUSINESS AND PROFESSIONS CODE, SECTION 8771.

EROSION CONTROL PLANS AND TEMPORARY CONSTRUCTION BEST MANAGEMENT PRACTICES FOR WORK IN PUBLIC RIGHTS OF WAY

ALL DEVELOPMENT GRADING PLANS SHALL INCLUDE A DETAILED PLAN DEMONSTRATING BEST MANAGEMENT PRACTICES FOR ACCOMPLISHING THE OBJECTIVES OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION STANDARDS (NPDES) PROGRAM. THESE REQUIRED EROSION CONTROL PLANS SHALL BE SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL CONCURRENT WITH FINAL PLANS SUBMITTAL. THE EROSION CONTROL PLAN MAY BE WAIVED FOR GRADING ON SINGLE RESIDENTIAL LOT PROJECTS, PROVIDED THAT AN EROSION CONTROL SYSTEM APPROVED BY THE CITY ENGINEER IS INSTALLED, PLACED, PLANTED, OR CONSTRUCTED BEFORE OCTOBER 15. AN EROSION CONTROL AND/OR SEDIMENT CONTROL PLAN IS REQUIRED IF THE CITY ENGINEER DETERMINES THAT EROSION OR SEDIMENT DISCHARGE ADVERSELY AFFECTS SURFACE WATER PROPERTY OR ADJACENT PROPERTIES. THE APPROVED EROSION CONTROL PLAN SHALL BE UPDATED IF NECESSARY BY OCTOBER 15 EACH YEAR, FOR PROJECTS UNDER A GRADING PERMIT. SEE CITY OF SANTA BARBARA STORMWATER BEST MANAGEMENT PRACTICES (BMP) TECHNICAL GUIDANCE MANUAL FOR REFERENCE.

SURVEYOR'S NOTES

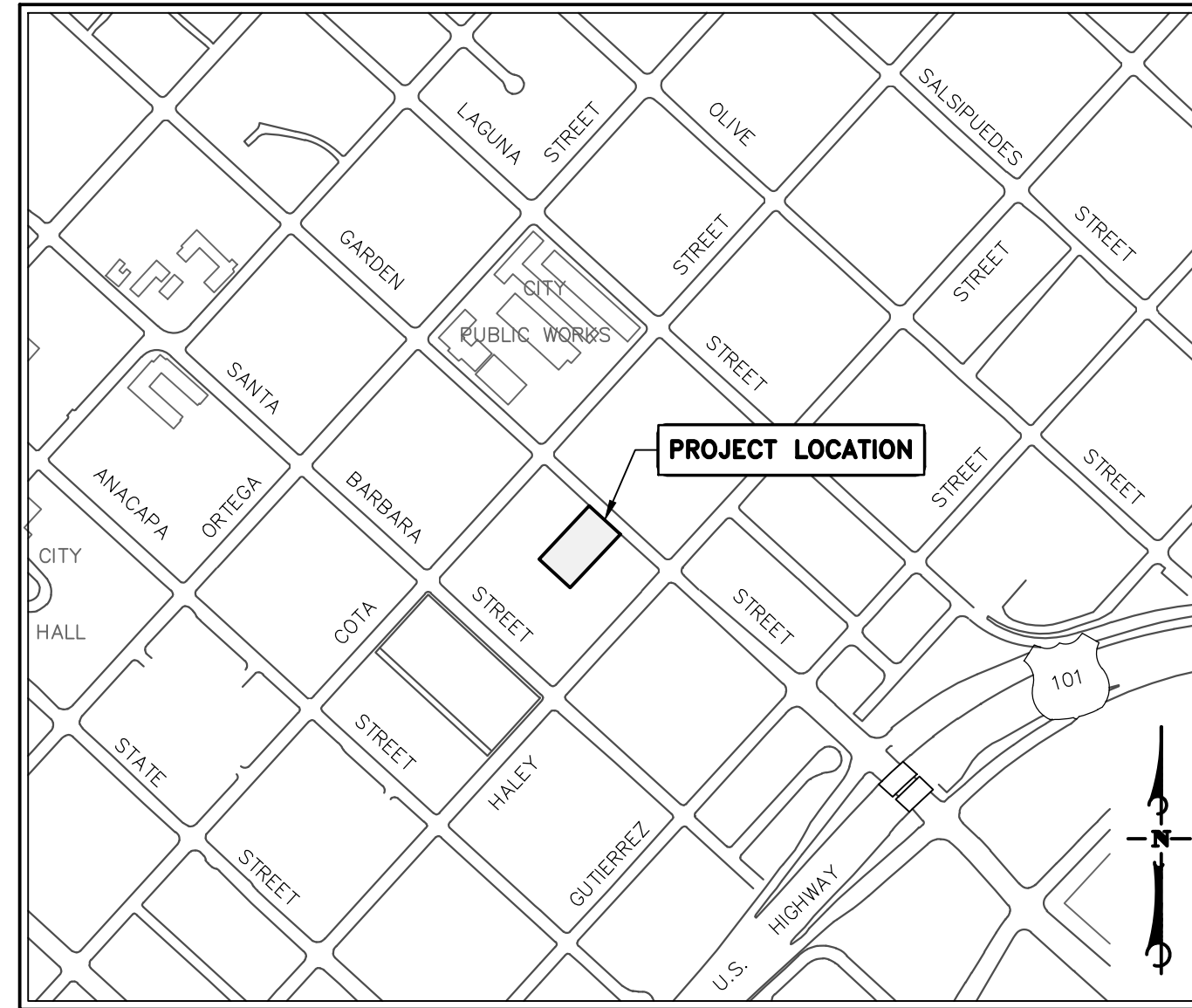
- BOUNDARY DATA PER LEGAL DESCRIPTION (R1) AND RECORD OF SURVEY.
- HORIZONTAL DATUM: NAD83, HORIZONTAL DATUM NAD83, COORDINATE SYSTEM CCS83.
- VERTICAL DATUM: NAVD88
- PARCEL SIZE: 14,500 S.F. (R1)
- BOUNDARY DATA (NO EASEMENT) PER TITLE REPORT BY FIRST AMERICAN TITLE CO. ORDER NO. 4206-3393539 DATED: 10/22/09
- TOPOGRAPHIC INFORMATION SHOWN HEREON PER FIELD SURVEY BY PROBER LAND SURVEYING DENOTED BY SPOT ELEVATION TO THE HUNDRETH FOOT OF A FOOT BOOK 140, PAGE 44, OFFSITE AREAS PER CITY AERIAL SURVEY SHEET SBOG8.DWG.
- UNDERGROUND UTILITY SHOWN HEREON ARE PER FLAG MARKERS AT THE SURFACE. AS SUCH, PROBER LAND SURVEYING CAN'T WARRANTY SAID UNDERGROUND UTILITIES AS ACCURATE OR COMPLETE.

STATEMENT OF RELEASE FROM LIABILITY DECLARATION OF ENGINEER OF RECORD

I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS AS SHOWN ON THESE PLANS COMPLIES WITH PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER IN RESPONSIBLE CHARGE OF THE DESIGN OF THESE IMPROVEMENTS, I ASSUME FULL RESPONSIBLE CHARGE FOR SUCH DESIGN. I UNDERSTAND AND ACKNOWLEDGE THAT THE PLAN CHECK OF THESE PLANS BY THE CITY OF SANTA BARBARA IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THE PLANS COMPLY WITH CITY PROCEDURES AND OTHER APPLICABLE POLICIES AND ORDINANCES. THE PLAN CHECK IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS. SUCH PLAN CHECK DOES NOT, THEREFORE, RELIEVE ME OF MY RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS.

AS THE ENGINEER OF RECORD, I AGREE TO INDEMNIFY AND HOLD THE CITY OF SANTA BARBARA, ITS OFFICERS, AGENTS, AND EMPLOYEES HARMLESS FROM ANY AND ALL LIABILITY, CLAIMS, DAMAGES OR INJURIES TO ANY PERSON OR PROPERTY WHICH MIGHT ARISE FROM THE NEGLIGENCE, ACTS, ERRORS OR OMISSIONS OF THE ENGINEER OF RECORD, MY EMPLOYEES, AGENTS OR CONSULTANTS.

BY: _____ SIGNATURE/PRINT NAME _____ LICENSE NO. _____ DATE _____



VICINITY MAP

1"=500'

SHEET INDEX

- | | |
|---|--|
| 1 | TITLE SHEET, GENERAL NOTES, SURVEY NOTES, LEGEND, VICINITY MAP |
| 2 | 513 GARDEN STREET FRONTAGE IMPROVEMENTS |

GENERAL NOTES

- PROPERTY OWNERS SHALL BE RESPONSIBLE FOR MAINTENANCE OF LANDSCAPING IN THE RIGHT-OF-WAY FOR PROPERTY FRONTAGE ON GARDEN STREET.
- SIDEWALK, CURB AND GUTTER REPLACEMENT SHALL CONFORM TO THE CITY OF SANTA BARBARA STANDARD DETAILS. IN ADDITION, THE FOLLOWING REQUIREMENTS SHALL APPLY TO REPLACEMENT CURB AND GUTTER:
 - PATCHING OR REPAIR OF SIDEWALK AND/OR GUTTER SECTIONS IS NOT PERMITTED (SAW-CUT AND REPLACE).
 - PATCHING OF CRACKS IN SIDEWALK, CURB AND/OR GUTTERS IS NOT PERMITTED (SAW-CUT AND REPLACE.)
 - PATCHING OF GOUGES OR CHIPPED CONCRETE EXCEEDING 6" LONG x 2" WIDE x 1/2" DEEP IS NOT PERMITTED (SAW-CUT AND REPLACE).
 - DAMAGED SIDEWALK, CURB AND/OR GUTTER MUST BE SAW-CUT AND REPLACED. MATCH EXISTING.
 - ALL REPLACEMENTS SHALL BE SAW-CUT FROM JOINT TO JOINT (NO PATCHWORK QUILT REPLACEMENT).
 - REMOVAL AND REPLACEMENT WILL BE REQUIRED FOR TREE ROOT LIFTED SECTIONS. BIOBARRIER ROOT BARRIER OR APPROVED EQUAL, APPROVED BY CITY PARKS DEPARTMENT, SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND UNDER THE DIRECTION OF THE CITY ARBORIST.
 - CLASS II BASE AND SUB-GRADE UNDER CURB AND GUTTER SHALL BE COMPACTED IN ACCORDANCE WITH THE ASPHALT PAVEMENT SUB-GRADE AND BASE COMPACTION REQUIREMENTS OF THE GREENBOOK AND THE CITY OF SANTA BARBARA'S DRAFT ENGINEERING DESIGN GUIDELINES.
- ALL SIDEWALK REPLACEMENTS SHALL BE SAW-CUT FROM THE NEAREST JOINT ON EITHER SIDE OF THE DAMAGED CONCRETE FOR UNIFORMITY.
- THE SOILS ENGINEER SHALL EVALUATE SUB-GRADE MATERIALS UNDER PROPOSED CURBS, GUTTERS, AND SIDEWALKS FOR EXPANSION PROPERTIES AND SHALL PROVIDE APPROPRIATE RECOMMENDATIONS IN WRITING TO MITIGATE POTENTIAL DAMAGES. SUB-GRADE SOILS ARE CONSIDERED EXPANSIVE IF THEY HAVE AN EXPANSION INDEX OF GREATER THAN 20 (UBC STD. 29-2). IN LIEU OF A RECOMMENDATION, THE CURB AND GUTTERS SHALL HAVE A MINIMUM OF 6" OF CLASS II BASE BENEATH THE CURB AND GUTTERS EXTENDING AT LEAST 12" BEHIND THE BACK OF CURB.

LEGEND

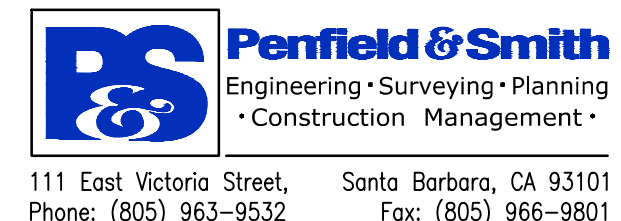
RIGHT OF WAY LINE	---	AC	ASPHALT CONCRETE
PROPERTY LINE	---	CATV	CABLE TV
CENTER LINE OF STREET	---	CL	CENTERLINE
EXISTING SEWER	--- S --- S ---	COMM	COMMUNICATIONS
EXISTING WATER	--- W --- W ---	CONC	CONCRETE
EXISTING ABANDONED WATER	--- AW --- AW ---	CP	CONTROL POINT
EXISTING GAS	--- G --- G ---	DI	DUCTILE IRON
EXISTING STORM DRAIN	--- SD --- SD ---	ELEC	ELECTRICAL
EXISTING ELECTRIC	--- E --- E ---	FS	FINISHED SURFACE
EXISTING COMMUNICATIONS	--- COMM ---	FL	FLOW LINE
EXISTING EDGE OF PAVEMENT	---	GB	GRADE BREAK
EXISTING FLOW LINE	---	LF	LINEAR FEET
PROPOSED WATER	--- W --- W ---	MH	MANHOLE
PROPOSED SEWER	--- S --- S ---	MW	MONITORING WELL
PROPOSED STORM DRAIN	--- SD --- SD ---	PB	PULL BOX
SAWCUT LINE/LIMITS OF DEMOLITION	---	PVC	POLYVINYL CHLORIDE
GRADE BREAK	---	RCP	REINFORCED CONCRETE PIPE
EXISTING CURB	---	ROW	RIGHT OF WAY
PROPOSED CURB	---	SF	SQUARE FEET
EXISTING UTILITY PULLBOX/RISER	□	TC	TOP OF CURB
EXISTING TREE	●	WM	WATER METER
		WV	WATER VALVE

UNDERGROUND UTILITIES

UNDERGROUND UTILITIES HAVE BEEN PLOTTED BASED ON VISIBILITY OF SURFACE FEATURES, UTILITY MARKS, AND SB CITY ATLASES, AND THEIR POSITION MUST BE REGARDED AS APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE DEPTH AND LOCATION OF ALL EXISTING UTILITIES AND SUBSTRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.

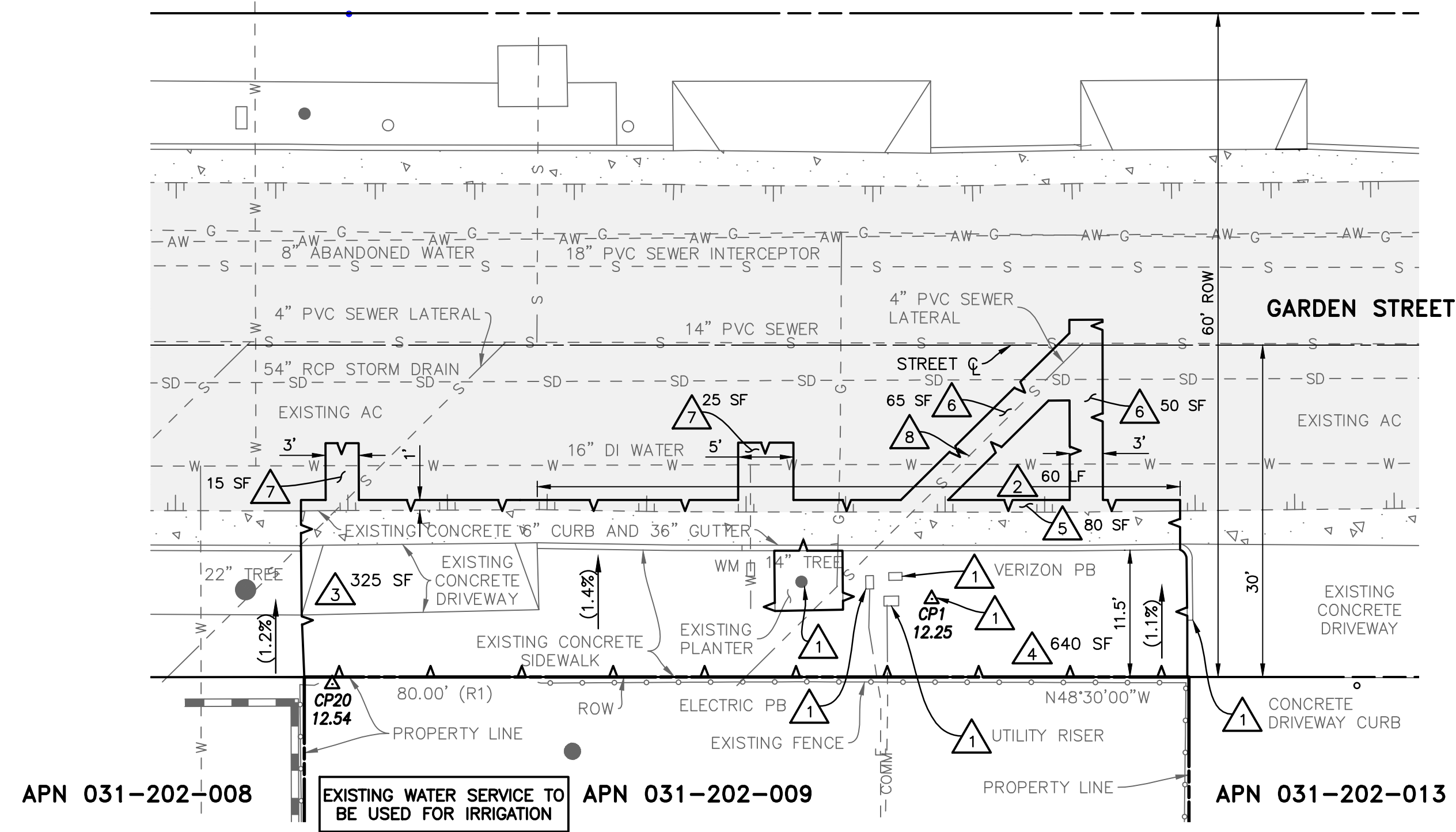
CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 1-800-422-4133 A MINIMUM OF 48 HOURS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL ALSO NOTIFY PUBLIC UTILITY COMPANIES AND APPROPRIATE GOVERNMENT AGENCIES THAT ARE AFFECTED BY CONSTRUCTION. THE FOLLOWING IS A LIST OF AGENCIES AND PHONE NUMBERS FOR THE PROJECT AREA:

SOUTHERN CALIFORNIA EDISON COMPANY.....	805-683-5262
THE GAS COMPANY.....	818-349-8615
VERIZON.....	800-483-7988
COX COMMUNICATIONS.....	805-683-7751
CITY OF SANTA BARBARA PUBLIC WORKS DEPARTMENT.....	805-564-5377



NO.	DATE	APPROVED	REVISIONS

BID SET



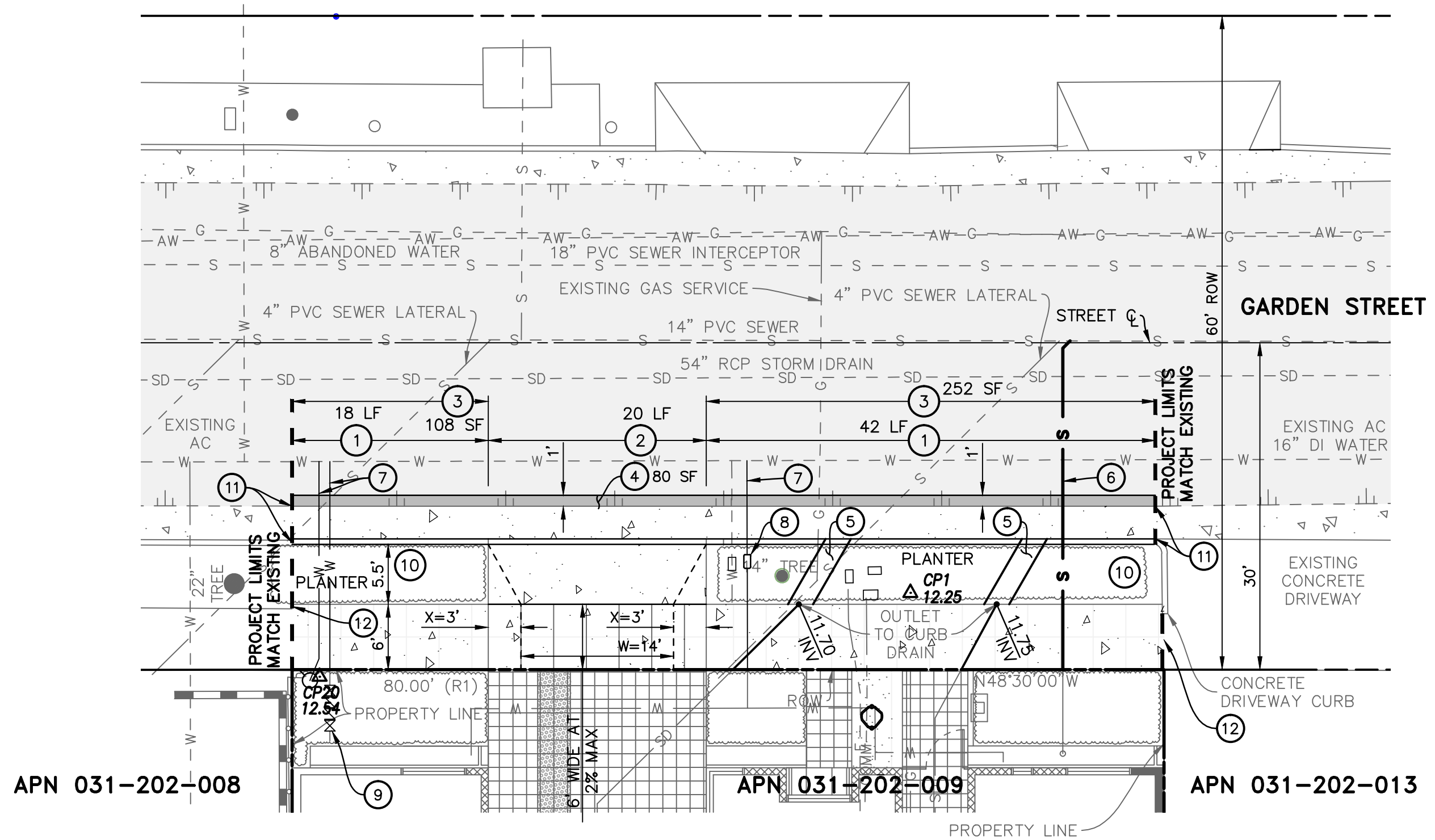
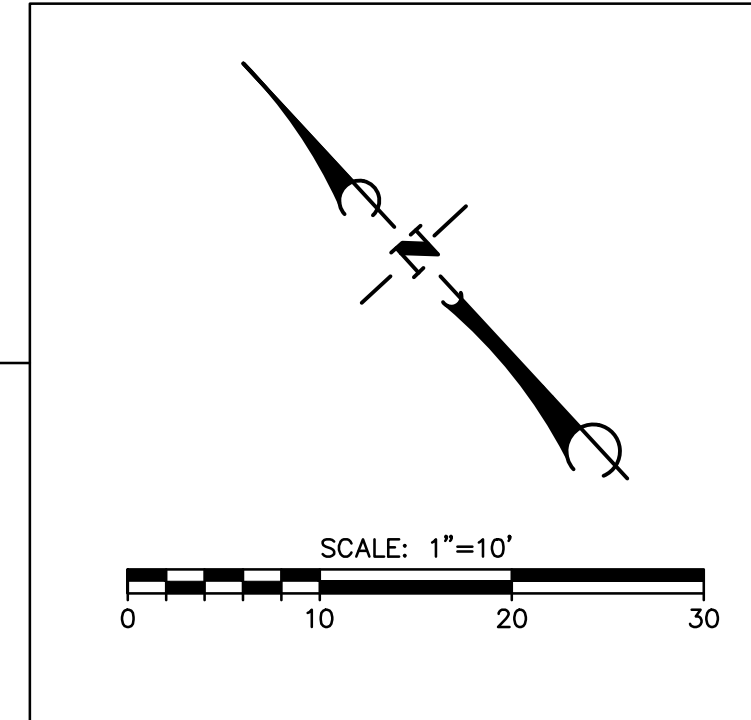
DEMOLITION PLAN VIEW

DEMOLITION NOTES

- 1 PROTECT IN PLACE.
- 2 REMOVE EXISTING CURB AND/OR GUTTER. LENGTH PER PLAN.
- 3 REMOVE EXISTING DRIVEWAY AND ASSOCIATED SIDEWALK AND GUTTER. AREA PER PLAN.
- 4 REMOVE EXISTING SIDEWALK. AREA PER PLAN.
- 5 SAWCUT A MINIMUM OF 12" AC BEYOND LIMITS OF EXISTING GUTTER. AREA PER PLAN.
- 6 SAWCUT AND REMOVE AC FOR PROPOSED SEWER LATERAL CONSTRUCTION/DEMOLITION.
- 7 SAWCUT AND REMOVE AC FOR PROPOSED WATER SERVICE CONSTRUCTION/DEMOLITION.
- 8 REMOVE EXISTING SEWER LATERAL. CUT AND CAP AT MAIN.

GENERAL NOTES

- 1. TIE-OUT EXISTING SURVEY MONUMENTATION PRIOR TO CONSTRUCTION



CONSTRUCTION NOTES

- 1 CONSTRUCT 6" CURB AND 36" GUTTER PER CITY OF SANTA BARBARA STANDARD DETAILS H-01.0 AND H-02.1. LENGTH PER PLAN.
- 2 CONSTRUCT COMMERCIAL DRIVEWAY PER CITY OF SANTA BARBARA STANDARD DETAIL H-03.1. W=14', X=3', GUTTER WIDTH=36".
- 3 CONSTRUCT 4" THICK CONCRETE SIDEWALK PER CITY OF SANTA BARBARA STANDARD DETAILS H-06.0, AND H-06.1 TYPE A, AREA PER PLAN.
- 4 CONSTRUCT FULL DEPTH AC.
- 5 CONSTRUCT CURB OUTLET DRAIN, TYPE B, PER CITY OF SANTA BARBARA STANDARD DETAIL D-05.2. SKEW ANGLE=30'.
- 6 CONSTRUCT 6" PVC SEWER LATERAL PER CITY OF SANTA BARBARA STANDARD DETAILS S-04.0 AND S-04.1. TRENCH AND BACKFILL PER CITY OF SANTA BARBARA STANDARD DETAILS U-1.0, U-1.1, AND U-1.2.
- 7 CONSTRUCT 2" K COPPER WATER SERVICE CONNECTION PER C.O.S.B. STANDARD DETAIL W-05.0 AND W-05.1. TRENCH AND BACKFILL PER CITY OF SANTA BARBARA STANDARD DETAILS U-1.0, U-1.1, AND U-1.2.
- 8 CONSTRUCT 2" WATER METER BOX PER CITY OF SANTA BARBARA STANDARD DETAIL W-06.0.
- 9 CONSTRUCT 6" DOUBLE CHECK DETECTOR ASSEMBLY AND 16X6 TAP ON SITE PER CITY OF SANTA BARBARA STANDARD DETAIL W-05.4.
- 10 LANDSCAPE PER LANDSCAPE ARCHITECT'S PLANS.
- 11 TRANSITION PROPOSED CURB AND GUTTER TO MATCH EXISTING.
- 12 TRANSITION PROPOSED SIDEWALK TO MATCH EXISTING.



BID SET

**MISCELLANEOUS PUBLIC IMPROVEMENTS
513 GARDEN STREET
PLAN VIEW**

201X-XXXXX	
PROJ. NO.	SHT. DES.
C-1-XXXXX	
DWG. NO.	
SHT. 2	OF 2

PUBLIC WORKS
DEPARTMENT
ENGINEERING DIVISION
APPROVED: _____ DATE _____
CITY ENGINEER ORIGINAL SIGNED DATE _____

NO.	DATE	APPROVED	DESIGN	DRAWN	CHECKED	MCH
			ZLJ	ZLJ	ZLJ	ZLJ