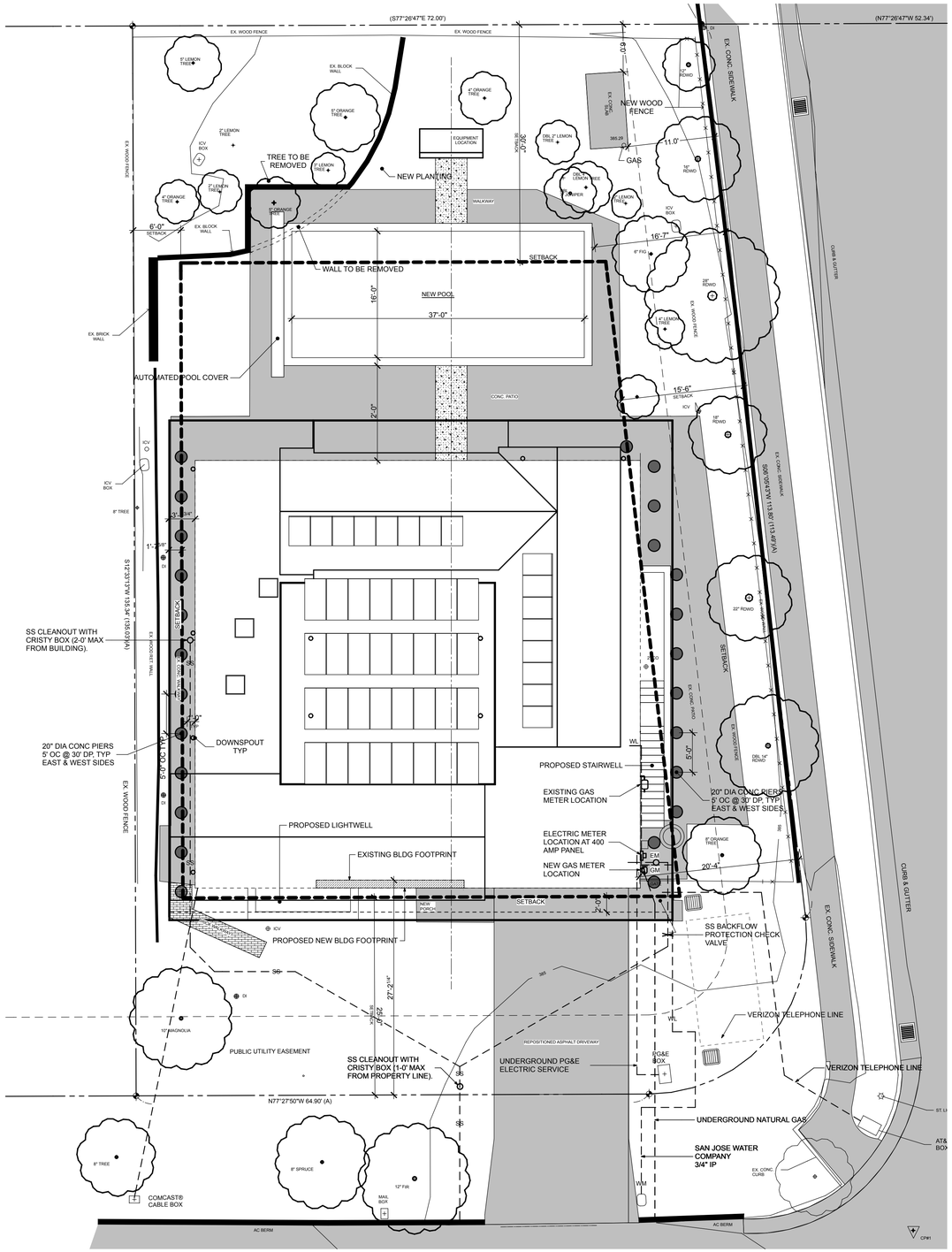
# Re-Shape Existing Pool

## General Notes

1. See structural calculations dated October 31, 2008.
2. See soils report dated May 1, 2008 and update letter dated October 31, 2008.
3. PG&E electrical service is underground. No overhead lines.
4. For tree protection, please refer to arborist report by Donald Cox, Associate ISA Certified Arborist, dated June 5, 2008 (included with Site Development Permit SS-08-33).
5. Automated pool cover shall be installed and maintained. See letter signed by owner indicating that they are aware of and will comply with State and City pool barrier requirements.
6. Pool decking under seperate permit.
7. Waste water from pool, if required, will be through sanitary sewer clean-out on West side of house.
8. Pool lighting includes two (2) 400 watt 120v Amerlite and one (1) LED Color Logic Light Hayward.
9. 2½ inch suction to filter and return to additional heating in West Mechanical Room, then returning to pool.

## Legend

- Skimmer
- WP — Pool Light - Water Proof
- Single Pole Switch
- WP — Wall Mounted Incandescent Light Fixture - Water Proof
- HB — Hose Bib with backflow prevention device
- GFI WP — 110 Receptacle (Ground Fault Interrupted Circuit) - Water Proof




1 **Pool Site Plan**
Scale: 1/8" = 1'-0"

## Project Description

Change the shape of the existing irregular-shaped pool to a rectangle in order to reduce energy and water consumption, and to increase the utilization and enjoyment of the pool.

The changes to the existing pool will be integrated with the remodel of the existing house and addition of a basement under that house, which will reduce the disruption to the neighbors and the community.

## Area and Metrics

| | |
|---|---|
| Zoning | R-1-8 |
| Total Lot Area | 10,643 sq. ft. |

| | Maximum Allowable | Proposed |
|---|---|---|
| Structural Coverage | 40.0% | 37.9% |
| Impervious Coverage | 60.0% | 57.9% |

**Pool**

| | |
|---|---|
| Waterline to All Property Lines | 10 feet |
| Waterline to All Structures | 6 feet |
| Equipment to All Property Lines | 10 feet |

## Coverage Breakdown

| | |
|---|---|
| House and Garage | 3,047 |
| Swimming Pool | 735 |
| Pool Equipment | 45 |
| Window Well and Stairwell | 183 |
| Statue | 29 |
| Structural Coverage | 4,039 |
| Driveway | 444 |
| Walkways | 1,677 |
| Impervious Coverage | 6,160 |
| Lot Size | 10,643 |
| Structural Coverage | 37.9% |
| Impervious Coverage | 57.9% |

THIS WORK WAS PREPARED BY JOHN A. RIDER, ASSOCIATE AIA OR UNDER MY SUPERVISION.

Signature


Jrider + Design
73 PLEASANT RIDGE AVENUE
SAN JOSE, CALIFORNIA 95127
408-259-1515 phone/fax
jrider design


**MEKECHUK/SINCLAIR RESIDENCE**
REMODEL AND NEW BASEMENT
17509 VIA SERENO
MONTE SERENO, CA 95030

| Rev | Description |
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Date: 11/29/08
Scale: AS NOTED
Drawn By: JR
Checked By: John A. Rider
Job: 11-08
Sheet Number: **P.0**

Pool Plan