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SECTION I. GENERAL

A. Purpose

The City of Santa Monica is soliciting bids from qualified contractors for construction services for the CityTV Tenant Improvement Project. This project is located at 1654-19th Street in Santa Monica.

B. Project Background

The existing building located at 1654-19th Street in Santa Monica is a CMU block building that was used as an auto repair shop. The building is approximately 4,700 square feet and contains vehicle bays, an office space, an auto parts storage area, a men's and women's restroom, and an attic space for storage. After the tenant improvements have been completed, the City of Santa Monica's government community cable channel, CityTV, will be moving into the building and using it as offices and a television studio.

C. Objectives

The City is seeking bids from contractors to provide construction services for tenant improvements at 1654-19th Street in Santa Monica. The contractor is responsible for the project meeting all federal, state and local agency regulations.

The construction contract duration is two hundred ten (210) calendar days, and the anticipated Notice to Proceed date is January 2011.

Note that this project is subject to prevailing wage rates, and the contractor is required to have ***a Class A (General Engineering Contractor) or Class B (General Building Contractor) license*** at the time of bid submission. This project may also be subject to the City of Santa Monica's Living Wage Ordinance and this form must be signed and submitted with the bid. The Oaks Initiative Disclosure Form and the State of Arizona Disclosure Form (Exhibit "F") must also be signed and submitted with the bid.

The contractor will be required to implement construction techniques for the project which increase life-cycle economic return, increase durability and longevity of building materials and systems, maximize construction worker and patron health and productivity, minimize resource use (including energy, water and materials), minimize waste, minimize site and neighborhood disruption, minimize pollution, and model the applicability of sustainable design and construction techniques. For further information on the City of Santa Monica's guidelines on sustainability, please visit the City's Internet site established at http://greenbuildings.santa-monica.org.

SECTION II. SCOPE OF SERVICES

For the scope of work, refer to the attached General Requirements and Exhibits "G" and "H" for the project drawings and specifications. The Work includes the construction of offices, an attic space and a television studio space. The scope of work includes, but is not limited to, demolition, structural upgrades to the building, new restrooms and a kitchen, a new mezzanine, a new building HVAC system, new fire sprinklers, phone and data network, cable television, audio visual system, electrical upgrades and installation of a storm drain system.

The contractor will be responsible for coordinating work with the utility companies for the new utility connections to the building.

All demolished material shall be removed and disposed by the contractor. The contractor must also submit a Construction Waste Management Plan and pay a performance security deposit (3% of the project valuation to a maximum deposit amount of $30,000) as required per the City of Santa Monica's Construction and Demolition Ordinance (Ordinance 895 CCS), refer to the attached General Requirements specification section 01560.

Hours of construction are to be Monday thru Friday 7:00 am to 6:00 pm, Saturday 9:00 am to 5:00 pm.

There is limited street parking and parking on site at 1654-19th Street. If the contractor needs parking permits, the contractor is responsible for coordinating with the City's Transportation Management and Parking Office to obtain street parking permits. The contractor is responsible for any fees associated with parking vehicles and other construction equipment on the street.

SECTION III. BID REQUIREMENTS

The City has established requirements for bids in compliance with the Sustainable City Program to promote waste reduction and resource conservation. Submittals should not contain plastic bindings, plastic pages, or laminated pages. Double-sided bids are preferred. Copies should be printed on recycled and/or tree-free paper. Please avoid superfluous use of paper (such as separate title sheets or chapter dividers and unnecessary attachments or documents not specifically requested).

For consideration, please submit three (3) copies of the bid containing the following elements:

A. Client reference list which indicates clients on projects similar to this project. Provide name of project, construction dates, name of client contact, position and contact number.

B. A list of subcontractors, if any, proposed to assist the general contractor. This list shall also include the subcontractors' qualifications pertinent to this project.

C. Submit the Bid Breakdown Form included in this RFB. Reimbursable expenses must be included. No additional fees will be considered for reimbursable expenses.

D. A chart scheduling activities and proposed timetable for the activities including completion dates. The chart should be outlined by number of days to complete each task.

The selected contractor will be required to submit Proof of Insurance per the City's requirements contained in the Agreement, and a statement of liability for the accuracy, validity and reliability of services, including insurance coverage.

SECTION IV. CONTRACTOR SELECTION GUIDELINES

The review committee may include staff from CityTV, the Public Works Department and other City departments. Factors to be considered in reviewing bids may include but are not limited to:

1. General accomplishments and quality of work previously performed.
2. Previous history of work with similar projects.
3. Record of the contractor in accomplishing work within required time and budget constraints.
4. Understanding of the approach, tasks, and methodology necessary to complete the required services.
5. Geographical location of the project team.
6. References.
7. Costs included on the Bid Breakdown Form.
8. Costs/deductions included on the Add Alternate Form.

SECTION V. SOLE AUTHORITY

The City of Santa Monica has the sole authority to select the contractor, and reserves the right to reject any and all bids. By submitting a response to this RFB, prospective contractors waive the right to protest or seek legal remedies whatsoever regarding any aspect of this RFP. In addition, the City reserves the right to issue written notice to all participants of any changes in the bid submission schedule or submission requirements, should the City determine in sole and absolute discretion that such changes are necessary. The City also reserves the right to approve all individuals and firms, if any, to be retained by the prime contractor. The City's policy is to screen contractors based upon their bid and project reference checks.

SECTION VI. DEADLINE, QUESTIONS, AND OPTIONAL SITE TOUR

A. Deadline

In order to be considered, three (3) hard copies of the bid must be submitted ***by 3:00 pm PST, Thursday, October 14, 2010 to:***

Office of the City Clerk
City Hall
1685 Main Street, Room 102
Santa Monica, CA 90401

Electronic copies of the bid will not be accepted.

B. Questions

Questions must be in writing and should be emailed to Karen Domerchie-Levine at karen.domerchie@smgov.net. The last day to submit questions is by ***5:00 pm on Friday, October 1, 2010.***

C. Site Tour

A site walk will be conducted on **Wednesday, September 29, 2010** at **10:00 AM**. Participation in this tour is not required, but is highly recommended, and is only to inform those bidders who wish to view the building so as to aid them in preparing an accurate cost bid. Interested parties should meet at 10:00am at 1654-19th Street in Santa Monica. Limited street parking is available on 19th Street, and metered street parking is available on Olympic Boulevard.

SECTION VII. EXHIBITS

Refer to following pages for exhibits.

EXHIBIT A - Report of Percolation Testing prepared by GeoDesign, Inc. (07/13/09)

EXHIBIT B - As-Builts for 1654-19th Street, Santa Monica California:

1) **Sheet 1, Floor Plan, Exterior Elevations & Building Section prepared by Birba Group (11/15/90)**
2) **Sheet 2, Roof Plan, Toilets and Details prepared by Birba Group**
3) **Sheet 3, Details prepared by Birba Group**
4) **Sheet 4, Details prepared by Birba Group**
5) **Sheet S-1,Structural Notes& Details prepared by er.Varas & Assoc. (04/26/091)**
6) **Sheet S-2,Structural Sections prepared by er.Varas & Assoc. (04/26/91)**
7) **Sheet S-3, Structural Details prepared by er.Varas & Associates (04/26/09)**
8) **Sheet S-4, Structural Plans prepared by er.Varas & Associates (04/26/09)**
9) **Sheet S-5, Roof Framing Plan prepared by er.Varas & Associates (04/26/91)**
10) **Sheet L-1, Irrigation and Planting Plan prepared by Lynn Capouya**
11) **Sheet L-2, Irrigation and Planting Plan prepared by Lynn Capouya**

EXHIBIT C - Southern California Edison drawings for 1654-19th Street (08/07/09)

EXHIBIT D - Fire Hydrant Flow Tests Performed near 1654-19th Street on 09/01/09

EXHIBIT E - Bulk Asbestos/Lead Sampling Report prepared by SCA Environmental (08/26/10)

EXHIBIT F - State of Arizona Disclosure Form

EXHIBIT G - Project Drawings Prepared by nonzero/architecture, Gordon Polon, ARC Engineering, Acentech, and TV Magic.

EXHIBIT H - Project Specifications Prepared by nonzero/architecture, Gordon Polon, ARC Engineering, Acentech, and TV Magic.

GEODESIGN INC

July 13, 2009

City of Santa Monica
Architectural Services
1437 4th Street, Suite 300
Santa Monica, CA 90401

Attention: Ms. Karen Domerchie

Report of Percolation Testing
Proposed City TV Tenant Improvement Project
1654 19th Street
Santa Monica, California
GeoDesign Project: SMonica-6-01

INTRODUCTION

GeoDesign, Inc. is pleased to submit this report presenting the results of percolation testing for the proposed City TV Tenant Improvement Project located at 1654 19th Street in Santa Monica, California. The proposed project will consist of the conversion of the existing building located at 1654 19th Street in Santa Monica, California, for use as a television station and studio.

As part of the proposed renovation, a dry well system is planned at the east side (front) of the site, within the existing planter area, and a shallow trench infiltration system is planned at the west side (back) of the site.

The percolation testing was performed to provide design data for the proposed dry well and trench infiltration systems.

The location of the site relative to surrounding features is shown on Figure 1.

SCOPE OF SERVICES

Our completed scope of services is summarized as follows:

- Coordinated and managed the field investigation, including site access authorization and scheduling of drilling subcontractor and GeoDesign field staff.
- Drilled two borings to depths of approximately 40 and 50 feet below ground surface (BGS) using hollow-stem auger drilling equipment.
- Performed standard penetration tests in the borings at approximately 5-foot intervals.
- Obtained bulk samples from the borings, and maintained a log of the soil conditions encountered in each boring.
- Performed percolation testing in the borings at depths of approximately 20 and 35 feet BGS.
- Performed analysis of percolation test results.
- Prepared this report summarizing the results of our percolation testing.

SITE CONDITIONS

The site is bound on the east by 19th Street, on the west by an alley, and on the north and south by private property. The property to the north is occupied by a one-story, high-bay, brick building. The property to the south is occupied by one-story, single-family residence. The majority of this residential lot, immediately adjacent to the site, is vacant with no existing improvements.

On-site parking is on the front (east) side of the building and is accessed from 19th Street. The parking area is paved with concrete and is approximately 44 feet long by 50 feet wide. At-grade planters are located at the northeast and southeast corners of the entranceway, adjacent to the property boundary. Access to the rear (west) side of the existing building is from an alley (18th Court). There is one parking bay at the northwest corner of the building accessed from 18th Court.

The existing site conditions, including the limits of the existing building, planter areas, and adjacent streets, are shown on Figure 2.

GEOLOGIC CONDITONS

GENERAL

The site is located on the Sawtelle Plain, a younger Holocene-age alluvial apron originating from the Santa Monica Mountains to the north (California Division of Mines and Geology [CDMG], 1998 and California Department of Water Resources, 1961). In the area, the young sediments consist of predominantly fine-grained materials such as clay, silt, and fine sand and are generally less than 25 feet thick. These younger materials are underlain by older Pleistocene sediments that generally consist of alternating beds of dense to very dense sand and stiff silt and clay with abundant gravel present in most layers.

GROUNDWATER

Based on maps published by the California Geological Survey (formerly known as CDMG, 1998), the historic high groundwater level in the site vicinity is greater than 40 feet BGS.

Based on available water level information from Los Angeles County Department of Public Works, the nearest groundwater monitoring well is Well No. 2357, located approximately 3,000 feet east of the site. The available data for this well indicate that the depth to groundwater has fluctuated between 116 and 157 feet BGS during the 1971 to 1996 monitoring period. More recent data was not available.

FAULTS

The closest active fault to the site is the Santa Monica Fault, located approximately 1,600 feet north of the site (City of Santa Monica, 2001). The fault is known to act as a groundwater barrier in the area. Groundwater levels are generally higher on the north side of the fault relative to the south side. The site is located on the south side of the Santa Monica Fault.

FIELD INVESTIGATION

We drilled two borings using 8-inch, hollow-stem auger drilling equipment to depths of approximately 40 to 49.3 feet BGS at the site. Boring B-1 was drilled in the front (east side) of the existing building, within the existing planter, to a depth of 49.3 feet BGS. Boring B-2 was drilled at the rear of the building, within the parking stall at the northwest corner of the existing building, to a depth of 40 feet BGS. Upon completion of each boring, the holes were backfilled to the desired depth of the percolation test. The boring locations are shown on Figure 2.

SUBSURFACE CONDITIONS

The geologic materials encountered in our borings consist of alternating layers of relatively impermeable clay and silt and relatively high permeability, gravelly, silt and sand.

The upper 12 to 12.5 feet of materials consist of low permeability, medium stiff to very stiff clay and silt. Below the clay and silt, a layer of gravelly silt and sand with gravel was encountered to depths of approximately 19 to 20.5 feet BGS. The sand and gravelly silt is in turn underlain by alternating layers of less permeable silt and clay.

At a depth of 25.0 feet BGS in boring B-1 and 26.0 feet in boring B-2, the materials encountered consist of highly permeable, dense, fine sand to the maximum depth explored.

The following table provides a summary of the geologic materials at the site.

Table 1. Summary of Geologic Materials

Geologic Material	Boring (depth encountered, feet BGS)	
	B-1	B-2
Silt and Clay	0 - 12	0 - 12.5
Gravelly Silt/Sand with Gravel	12 - 19	12.5 - 20.5
Silt and Clay	19 - 25	20.5 - 26
Fine Sand	25 - 49.3	26 - 40

Groundwater was not encountered in our borings drilled to a maximum depth of 49.3 feet BGS.

After completion of drilling, the borings were backfilled with soil cuttings through the augers to prevent caving to a depth of 36.0 feet BGS in boring B-1 and 21.0 feet BGS in boring B-2. Twelve inches of bentonite chips were placed over the soil backfill and a 2-inch-diameter, screened pipe was set in each hole. The upper 10 feet of the pipe was solid to prevent infiltration in the upper silt/clay materials. The augers were then removed and the hole was backfilled with gravel to the ground surface to prevent caving of the native, granular material.

The log of the borings, summarizing the materials encountered and the well construction detail, is included in Attachment A as Figures A-1 and A-2.

PERCOLATION TESTING

Percolation tests were performed using the falling-head test method. This method includes filling the polyvinyl chloride (PVC) casing with water and recording the water level drop over regular time intervals.

Prior to performing the actual percolation testing, "pre-soaking" is performed. Pre-soaking consists of filling the PVC casing with water to the ground surface and allowing the water to infiltrate into the soils. Testing is usually performed the day after the pre-soaking. However, if the water added to the hole infiltrates faster than half the initial wetted depth in 30 minutes in four consecutive readings, then testing can be performed the same day.

The depth of the testing in boring B-1 was set at a maximum depth of 35 feet BGS and was intended to evaluate the permeability of the deep fine sand layer. The screened interval was 10 to 35 feet BGS. The depth of the testing in boring B-2 was set at a maximum depth of 20 feet BGS and was intended to evaluate the permeability of the shallow gravelly silt layer. The screened interval was set at 10 to 20 feet BGS.

After completion of the percolation tests, the PVC pipes were removed and the holes were backfilled with native soil to the ground surface.

TESTING METHODOLOGY

Boring B-1

Water was added to the casing in boring B-1 for over one hour. During the hour of attempted pre-soak, the water dissipated into the fine sand strata at the bottom of the casing as quickly as water was introduced. We estimate that over 500 gallons of water was discharged into the hole during that time.

The test was abandoned as it was not possible to make the necessary measurements because the water infiltrated so rapidly. To provide information for design, however, we will provide an estimate of the infiltration rate based on assumed data.

Boring B-2

To start the pre-soak, the hole was filled with clear water to the ground surface and water level readings were taken at time intervals of every 30 minutes. The water level was refilled to the ground surface after each reading. In each of four consecutive readings, the water seeped faster than half the initial wetted depth of 20 feet BGS. As a result of this condition, testing was initiated after the fourth reading (two hours).

We measured and recorded the drop in water level every 10 minutes for a minimum of 60 minutes, refilling the hole to the surface with clear water between each reading. After 60 minutes of consistent readings, defined as having less than 10 percent variance, the water level was allowed to drop to a depth of 11 feet BGS, which is the estimated shallowest design infiltration depth; two additional readings were taken at 10-minute intervals. The water was refilled to a depth of 11 feet BGS between readings.

TEST RESULTS

Table 2 summarizes the result of our percolation tests. Our calculations are presented in Attachment B.

Table 2. Summary of Test Results

Test Location	Test Depth (feet BGS)	Soil Type	mpi		in/hr	
			Average	Lowest value	Average	Lowest value
B-1	10 - 35	SP (fine sand)	5.04*	5.05*	11.92*	11.88*
B-2	10 - 20	ML (gravelly silt)	8.36	9.99	7.23	6.01

* estimated rates
mpi: minutes per inch
in/hr: inches per hour

CONCLUSIONS

Based on the site conditions and the results of our percolation testing, the proposed dry well and trench systems are feasible for stormwater infiltration at the site.

The systems can be designed to discharge water into either the upper gravelly silt strata present at the site between depths of approximately 12 and 20 feet BGS or the fine sand layer present below depths of 25.0 to 26.0 feet BGS using the percolation rates presented in Table 2.

A percolation rate between the average and the most conservative rate is typically selected for use when designing dry well systems, retention basins, or sewage disposal systems. In this case, the average percolation rate is 7.23 in/hr and the most conservative value is 6.01 in/hr.

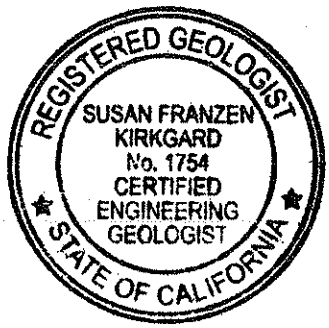
It should be noted that the percolation rates calculated during our field investigation are based on rates determined during short duration field tests and could vary from actual long-term rates. Also the percolation tests were clear-water tests and infiltration rates could be affected by silt build-up, debris, or other factors that occur at the site in the future.

♦ ♦ ♦

We appreciate the opportunity to be of service to you. Please call if you have questions concerning this report or if we can provide additional services.

Sincerely,

GeoDesign, Inc.



Susan F. Kirkgard, C.E.G.
Associate Geologist

Christopher J. Zadoorian, G.E.
Principal Engineer

SFK:CJZ:kt
Attachments
Two copies submitted
Document ID: SMonica-6-01-071309-geolr.doc

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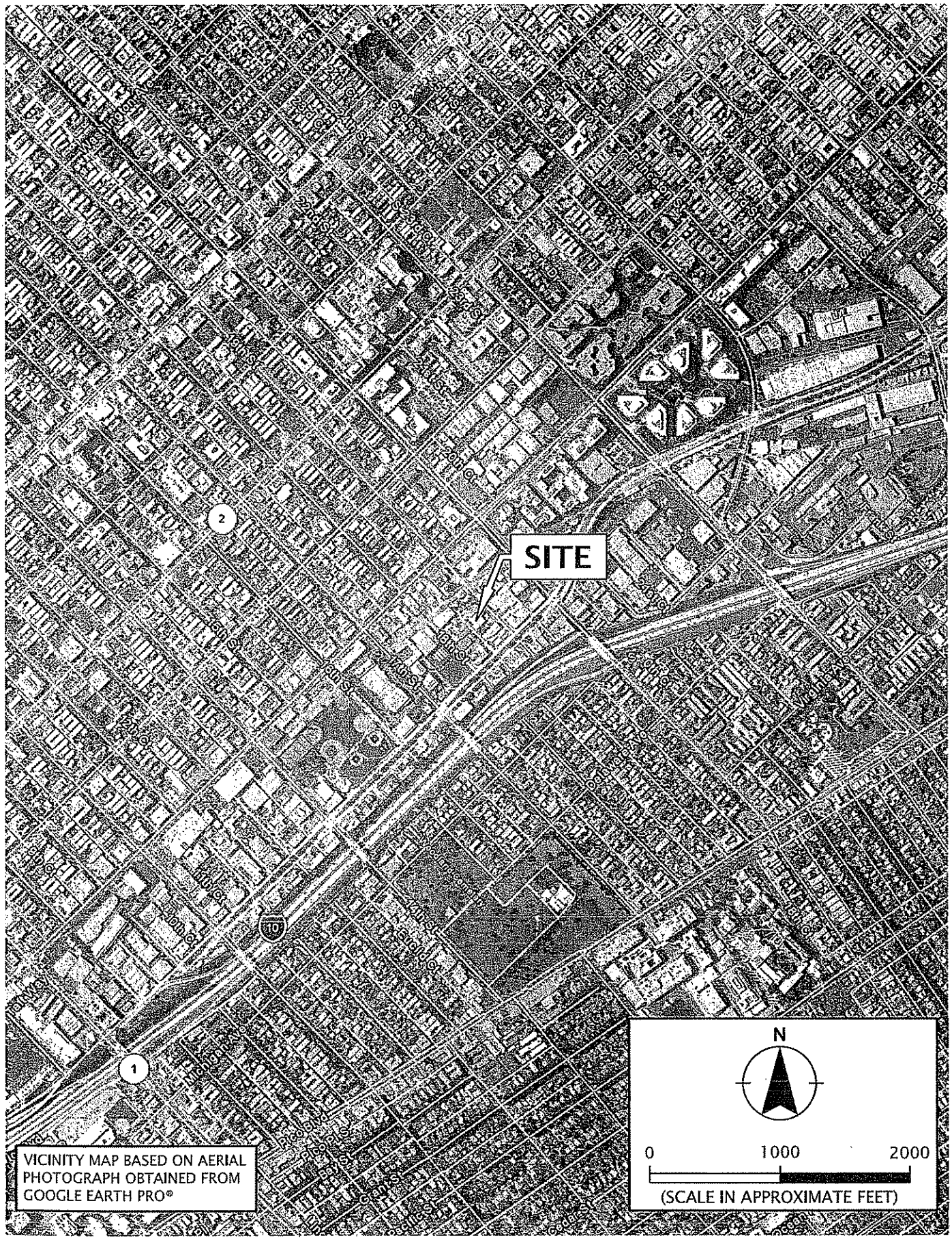

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SMONICA-6-01	**VICINITY MAP**	
JULY 2009	CITY TV TENANT IMPROVEMENT PROJECT SANTA MONICA, CA	**FIGURE 1**

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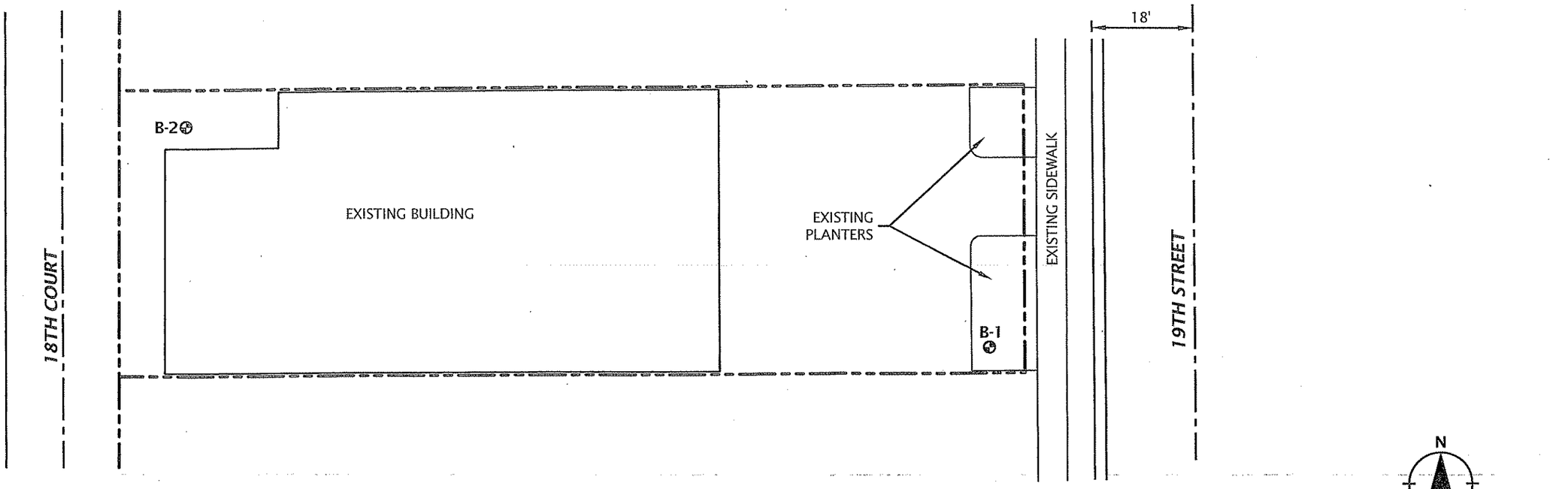
File Name: \\chromite\Files\Jobs\S-Z\SMonica\SMonica-6\SMonica-6-01\Figures\CAD\SMonica-6-01-VM01.dwg | Layout: FIGURE 1

LEGEND:

B-1 ⊕ BORING

PROPERTY LINE



SITE PLAN BASED ON DRAWING PROVIDED BY CITY OF SANTA MONICA, MAY 18, 2009

SITE PLAN

CITY TV TENANT IMPROVEMENT PROJECT
SANTA MONICA, CA

FIGURE 2

SMONICA-6-01

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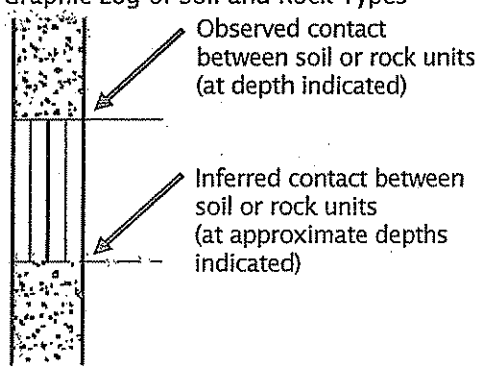
File Name: \\chromite\Files\Jobs\S-Z\SMonica\SMonica-6\SMonica-6-01\Figures\CAD\SMonica-6-01-SP01.dwg | Layout: FIGURE 2

SYMBOL	SAMPLING DESCRIPTION
	Location of sample obtained in general accordance with ASTM D 1586 Standard Penetration Test with recovery
	Location of sample obtained using thin-wall Shelby tube or Geoprobe® sampler in general accordance with ASTM D 1587 with recovery
	Location of sample obtained using Dames & Moore sampler and 300-pound hammer or pushed with recovery
	Location of sample obtained using Dames & Moore or 3-inch-O.D. split-spoon sampler and 140-pound hammer or pushed with recovery
	Location of grab sample
	Rock coring interval
	Water level during drilling
	Water level taken on date shown

Graphic Log of Soil and Rock Types



GEOTECHNICAL TESTING EXPLANATIONS

ATT	Atterberg Limits	P	Pushed Sample
CBR	California Bearing Ratio	PP	Pocket Penetrometer
CON	Consolidation	P200	Percent Passing U.S. Standard No. 200 Sieve
DD	Dry Density	RES	Resilient Modulus
DS	Direct Shear	SIEV	Sieve Gradation
HYD	Hydrometer Gradation	TOR	Torvane
MC	Moisture Content	UC	Unconfined Compressive Strength
MD	Moisture-Density Relationship	VS	Vane Shear
OC	Organic Content	kPa	Kilopascal

ENVIRONMENTAL TESTING EXPLANATIONS

CA	Sample Submitted for Chemical Analysis	ND	Not Detected
P	Pushed Sample	NS	No Visible Sheen
PID	Photoionization Detector Headspace Analysis	SS	Slight Sheen
ppm	Parts per Million	MS	Moderate Sheen
		HS	Heavy Sheen

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EXPLORATION KEY

TABLE A-1

RELATIVE DENSITY - COARSE-GRAINED SOILS

Relative Density	Standard Penetration Resistance	Dames & Moore Sampler (140-pound hammer)	Dames & Moore Sampler (300-pound hammer)
Very Loose	0 – 4	0 - 11	0 - 4
Loose	4 – 10	11 - 26	4 - 10
Medium Dense	10 – 30	26 - 74	10 - 30
Dense	30 – 50	74 - 120	30 - 47
Very Dense	More than 50	More than 120	More than 47

CONSISTENCY - FINE-GRAINED SOILS

Consistency	Standard Penetration Resistance	Dames & Moore Sampler (140-pound hammer)	Dames & Moore Sampler (300-pound hammer)	Unconfined Compressive Strength (tsf)
Very Soft	Less than 2	Less than 3	Less than 2	Less than 0.25
Soft	2 - 4	3 – 6	2 - 5	0.25 - 0.50
Medium Stiff	4 - 8	6 – 12	5 - 9	0.50 - 1.0
Stiff	8 - 15	12 – 25	9 - 19	1.0 - 2.0
Very Stiff	15 - 30	25 – 65	19 – 31	2.0 - 4.0
Hard	More than 30	More than 65	More than 31	More than 4.0

PRIMARY SOIL DIVISIONS			GROUP SYMBOL	GROUP NAME
COARSE-GRAINED SOILS (more than 50% retained on No. 200 sieve)	GRAVEL (more than 50% of coarse fraction retained on No. 4 sieve)	CLEAN GRAVELS (< 5% fines)	GW or GP	GRAVEL
		GRAVEL WITH FINES (≥ 5% and ≤ 12% fines)	GW-GM or GP-GM	GRAVEL with silt
			GW-GC or GP-GC	GRAVEL with clay
		GRAVELS WITH FINES (> 12% fines)	GM	silty GRAVEL
			GC	clayey GRAVEL
			GC-GM	silty, clayey GRAVEL
	SAND (50% or more of coarse fraction passing No. 4 sieve)	CLEAN SANDS (<5% fines)	SW or SP	SAND
		SANDS WITH FINES (≥ 5% and ≤ 12% fines)	SW-SM or SP-SM	SAND with silt
			SW-SC or SP-SC	SAND with clay
		SANDS WITH FINES (> 12% fines)	SM	silty SAND
			SC	clayey SAND
			SC-SM	silty, clayey SAND
FINE-GRAINED SOILS (50% or more passing No. 200 sieve)	SILT AND CLAY	Liquid limit less than 50	ML	SILT
			CL	CLAY
			CL-ML	silty CLAY
			OL	ORGANIC SILT or ORGANIC CLAY
		Liquid limit 50 or greater	MH	SILT
			CH	CLAY
			OH	ORGANIC SILT or ORGANIC CLAY
HIGHLY ORGANIC SOILS			PT	PEAT

MOISTURE CLASSIFICATION

Term	Field Test
dry	very low moisture, dry to touch
moist	damp, without visible moisture
wet	visible free water, usually saturated

ADDITIONAL CONSTITUENTS

Secondary granular components or other materials such as organics, man-made debris, etc.

Percent	Silt and Clay In: Fine-Grained Soils	Silt and Clay In: Coarse-Grained Soils	Percent	Sand and Gravel In: Fine-Grained Soils	Sand and Gravel In: Coarse-Grained Soils
< 5	trace	trace	< 5	trace	trace
5 – 12	minor	with	5 – 15	minor	minor
> 12	some	silty/clayey	15 – 30	with	with
			> 30	sandy/gravelly	sandy/gravelly

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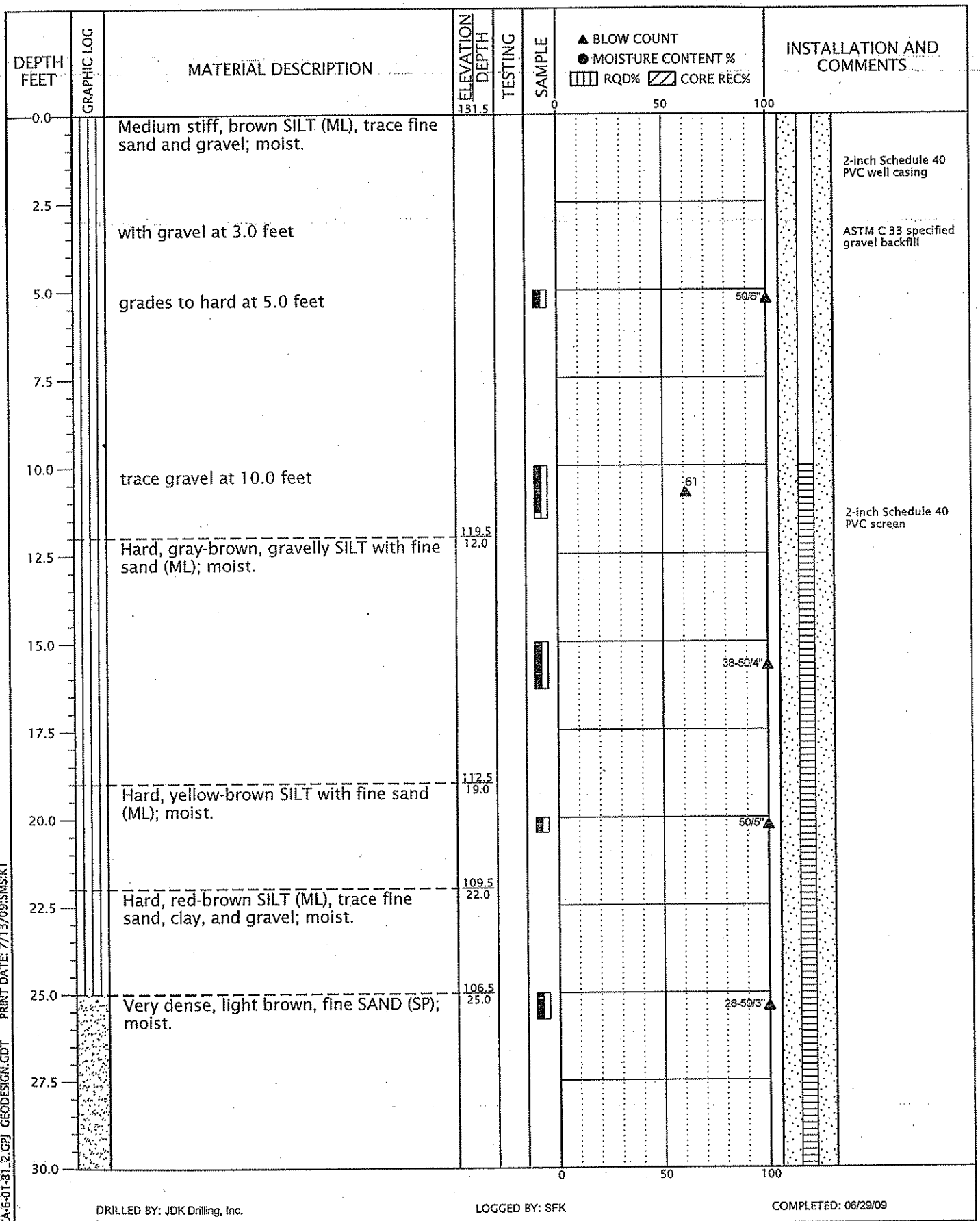
SOIL CLASSIFICATION SYSTEM

TABLE A-2



DRILLED BY: JDK Drilling, Inc.

LOGGED BY: SFK

COMPLETED: 06/29/09

BORING METHOD: hollow-stem auger (see report text)

BORING BIT DIAMETER: 8-inch

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SMONICA-6-01

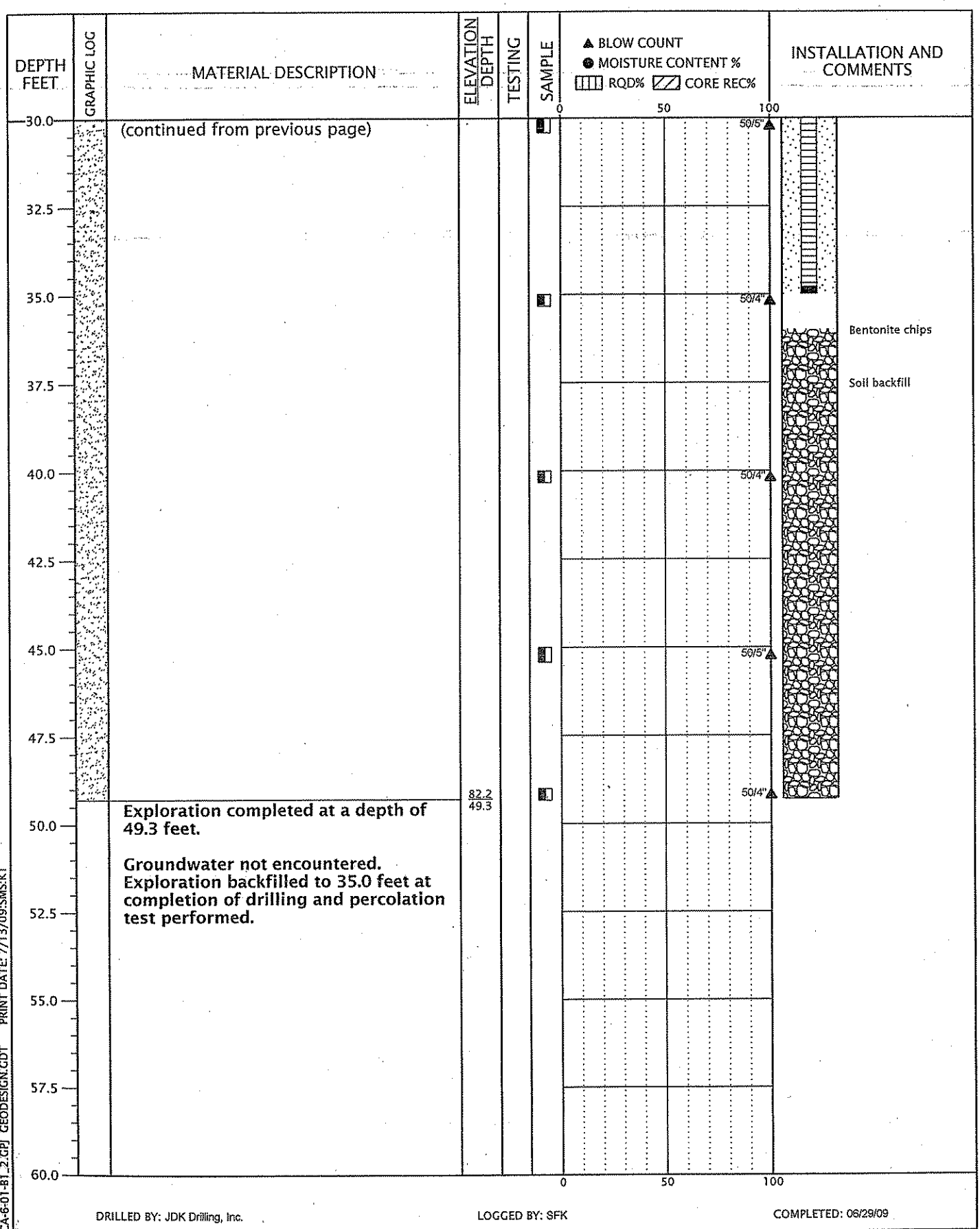
JULY 2009

BORING B-1

CITY TV TENANT IMPROVEMENT PROJECT
SANTA MONICA, CA

FIGURE A-1

BORING LOG SMONICA-6-01-81_2.GPJ GEODESIGN.GDT PRINT DATE: 7/13/09:SMS:KT



DRILLED BY: JDK Drilling, Inc. LOGGED BY: SFK COMPLETED: 06/29/09

BORING METHOD: hollow-stem auger (see report text) BORING BIT DIAMETER: 8-inch

BORING LOG SMONICA-6-01-B1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/13/09:SMS:KT

GEODESIGN INC
2121 Towne Centre Place - Suite 130
Anaheim CA 92806
Off 714.634.3701 Fax 714.634.3711

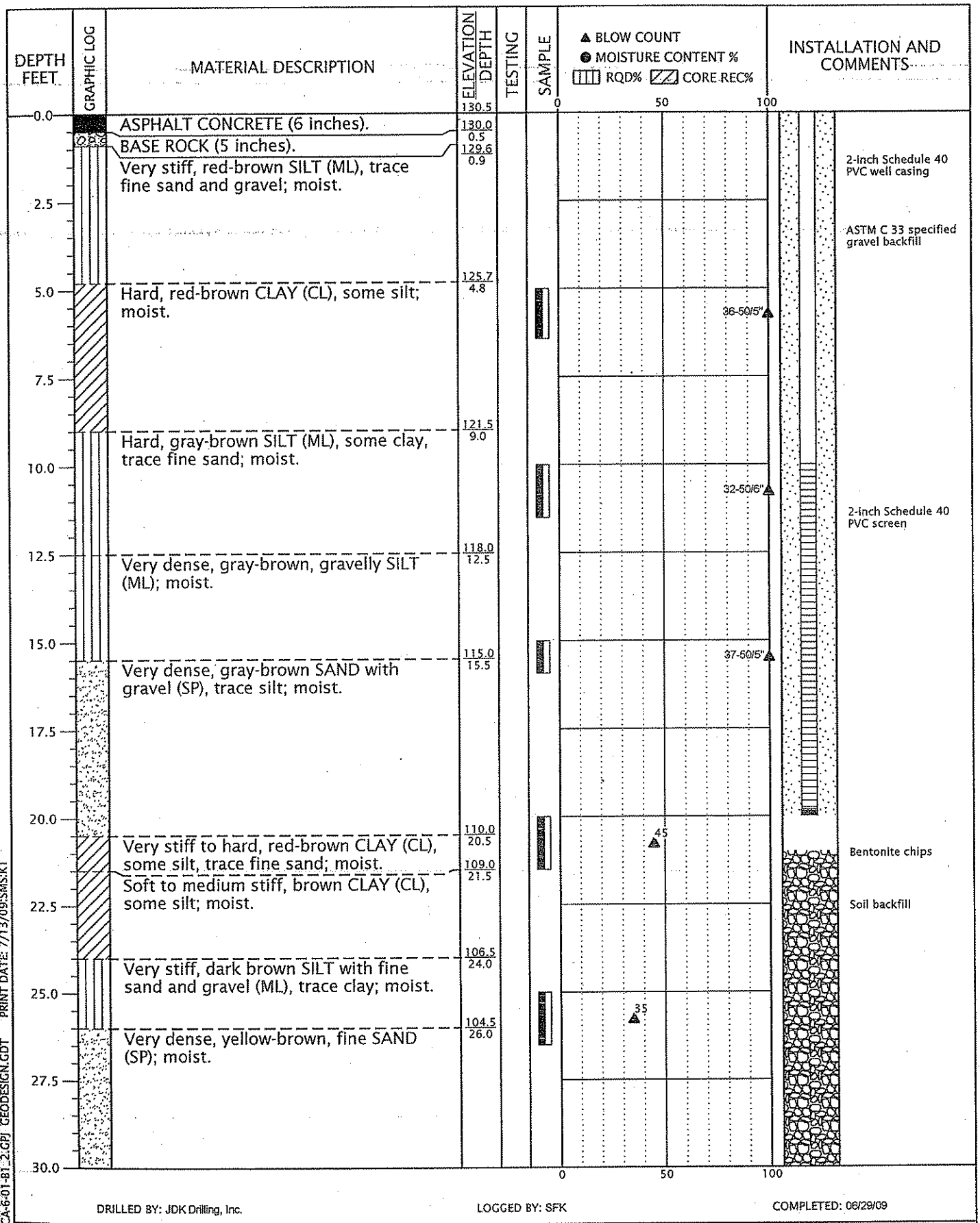
SMONICA-6-01

JULY 2009

BORING B-1
(continued)

CITY TV TENANT IMPROVEMENT PROJECT
SANTA MONICA, CA

FIGURE A-1



DRILLED BY: JDK Drilling, Inc. LOGGED BY: SFK COMPLETED: 06/29/09

BORING METHOD: hollow-stem auger (see report text) BORING BIT DIAMETER: 8-inch

GEODESIGN INC
2121 Towne Centre Place - Suite 130
Anaheim CA 92806
Off 714.634.3701 Fax 714.634.3711

SMONICA-6-01

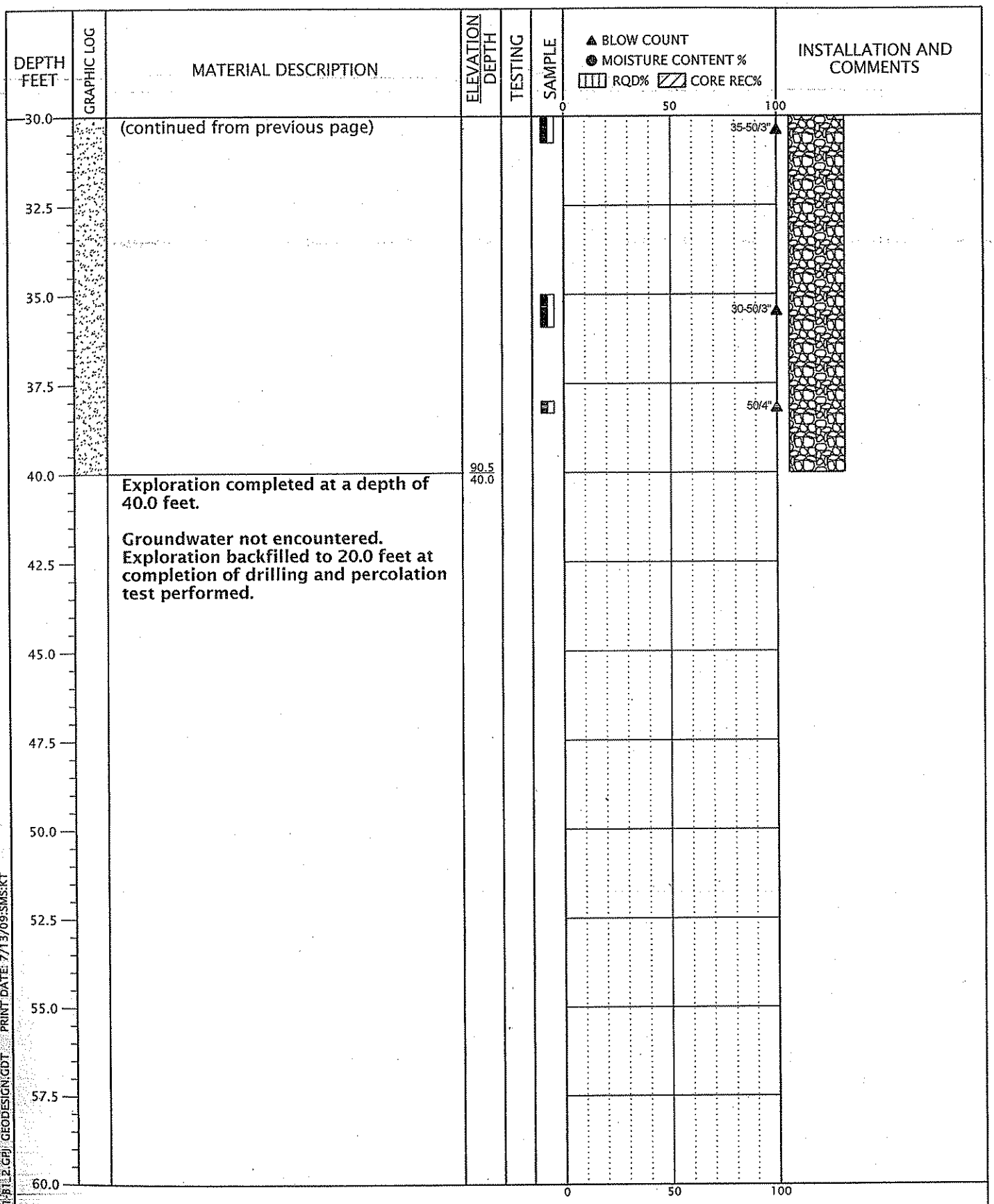
JULY 2009

BORING B-2

CITY TV TENANT IMPROVEMENT PROJECT
SANTA MONICA, CA

FIGURE A-2

BORING LOG SMONICA-6-01-B1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/13/09:SMS:KT



DRILLED BY: JDK Drilling, Inc. LOGGED BY: SFK COMPLETED: 06/29/09

BORING METHOD: hollow-stem auger (see report text) BORING BIT DIAMETER: 8-inch

BORING LOG SMONICA-6-01-B1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/13/09:SMS:KT

GEODESIGN INC
2121 Towne Centre Place - Suite 130
Anaheim CA 92806
Off 714.634.3701 Fax 714.634.3711

SMONICA-6-01

JULY 2009

BORING B-2
(continued)

CITY TV TENANT IMPROVEMENT PROJECT
SANTA MONICA, CA

FIGURE A-2

PERCOLATION TEST CALCULATIONS

Boring Number:	B-1
Diameter of Hole:	0.66 foot
Hours Pre-Soak:	1.00 (unable to sustain water level due to rapid dissipation)
Time Pre-Soak Initiated:	11:52
Depth of Bottom (Below Grade):	35.0 feet
Name of Tester:	Susan Kirkgard
Date Tested:	6/29/2009
Method to Prevent Caving:	Gravel Packing
Checked by: CJZ	Date: 9/12/2009

Gravel Packing Correction Factor 0.5

pre-soak

t-intial	t-final	delta t (hours)	d-bottom (feet)	d-initial	d-final	delta d=F	Lave	D (feet)	Q (gal/sf/day)	Corected Q	mpi	in/hr
11:52	12:07	0.25	35.00	0.00	35.00	35.00	17.50	0.66	47.52	23.76	7.58	7.92
12:07	12:22	0.25	35.00	0.00	35.00	35.00	17.50	0.66	47.52	23.76	7.58	7.92
12:22	12:37	0.25	35.00	0.00	35.00	35.00	17.50	0.66	47.52	23.76	7.58	7.92
12:37	12:52	0.25	35.00	0.00	35.00	35.00	17.50	0.66	47.52	23.76	7.58	7.92

Boring B-1

t-intial	t-final	delta t (hours)	d-bottom (feet)	d-initial	d-final	delta d=F	Lave	D (feet)	Q (gal/sf/day)	Corected Q	mpi	in/hr
		0.17	35.00	0.00	35.00	35.00	17.50	0.66	71.28	35.64	5.05	11.88
		0.17	35.00	0.00	35.00	35.00	17.50	0.66	71.57	35.78	5.03	11.93
		0.17	35.00	0.00	35.00	35.00	17.50	0.66	71.57	35.78	5.03	11.93
		0.17	35.00	0.00	35.00	35.00	17.50	0.66	71.57	35.78	5.03	11.93
		0.17	35.00	0.00	35.00	35.00	17.50	0.66	71.57	35.78	5.03	11.93
		0.17	35.00	0.00	35.00	35.00	17.50	0.66	71.57	35.78	5.03	11.93
		0.17	35.00	0.00	35.00	35.00	17.50	0.66	71.57	35.78	5.03	11.93
		0.17	35.00	0.00	35.00	35.00	17.50	0.66	71.28	35.64	5.05	11.88
					average	35.00				average	5.04	11.92

PERCOLATION TEST CALCULATIONS

Boring Number:	B-2
Diameter of Hole:	0.66 foot
Hours Pre-Soak:	2.00
Time Pre-Soak Initiated:	13:34
Depth of Bottom (Below Grade):	20.00 feet
Name of Tester:	Susan Kirkgard
Date Tested:	6/29/2009
Method to Prevent Caving:	Gravel Packing
Checked by: CJZ	Date: 7/12/2009

Gravel Packing Correction Factor 0.5

pre-soak

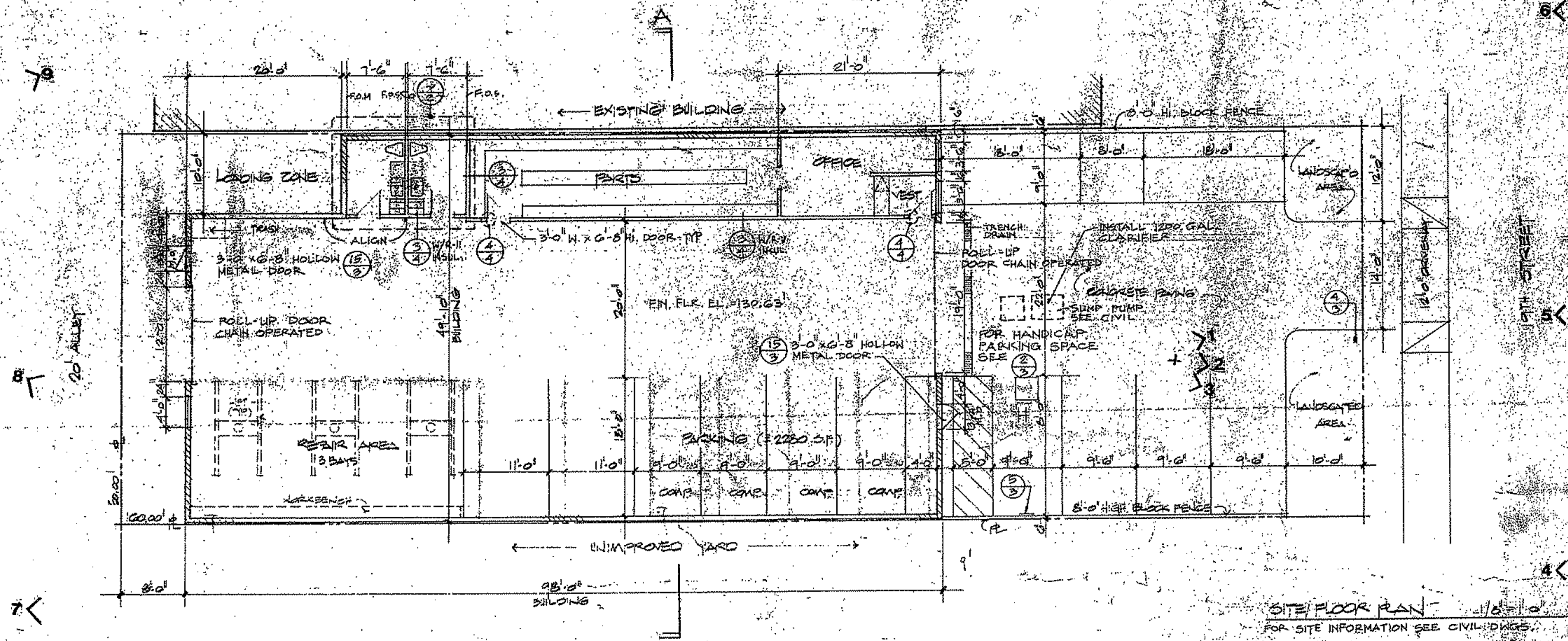
t-intial	t-final	delta t (hours)	d-bottom (feet)	d-initial	d-final	delta d=F	Lave	D (feet)	Q (gal/sf/day)	Corected Q	mpi	in/hr
13:34	14:04	0.50	20.00	0.00	20.00	20.00	10.00	0.66	23.76	11.88	15.15	3.96
14:04	14:34	0.50	20.00	0.00	20.00	20.00	10.00	0.66	23.76	11.88	15.15	3.96
14:34	15:04	0.50	20.00	0.00	20.00	20.00	10.00	0.66	23.76	11.88	15.15	3.96
15:04	15:34	0.50	20.00	0.00	16.40	16.40	11.80	0.66	16.51	8.26	21.80	2.75

Boring B-2

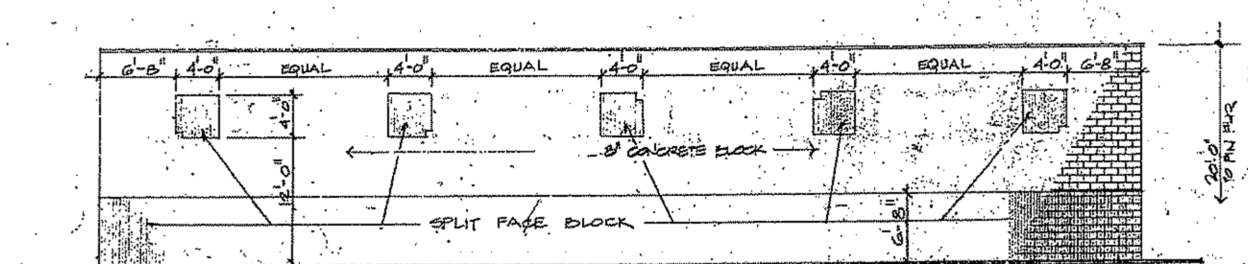
t-intial	t-final	delta t (hours)	d-bottom (feet)	d-initial	d-final	delta d=F	Lave	D (feet)	Q (gal/sf/day)	Corected Q	mpi	in/hr
15:34	15:44	0.17	20.00	0.00	13.40	13.40	13.30	0.66	36.05	18.03	9.99	6.01
15:45	15:54	0.17	20.00	0.00	15.40	15.40	12.30	0.66	44.80	22.40	8.04	7.47
15:55	16:05	0.17	20.00	0.00	15.20	15.20	12.40	0.66	43.86	21.93	8.21	7.31
16:05	16:15	0.17	20.00	0.00	15.30	15.30	12.35	0.66	44.33	22.17	8.12	7.39
16:15	16:25	0.17	20.00	0.00	14.40	14.40	12.80	0.66	40.26	20.13	8.94	6.71
16:25	16:35	0.17	20.00	11.00	17.70	6.70	5.65	0.66	42.43	21.22	8.48	7.07
16:35	16:45	0.17	20.00	11.00	18.30	7.30	5.35	0.66	48.83	24.41	7.37	8.14
16:45	16:55	0.17	20.00	11.00	18.10	7.10	5.45	0.66	46.62	23.31	7.72	7.77
					average	11.85				average	8.36	7.23

SHEET INDEX

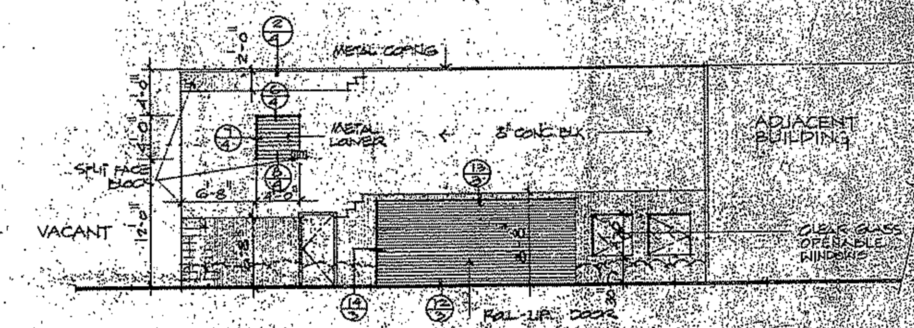
REVISIONS	BY



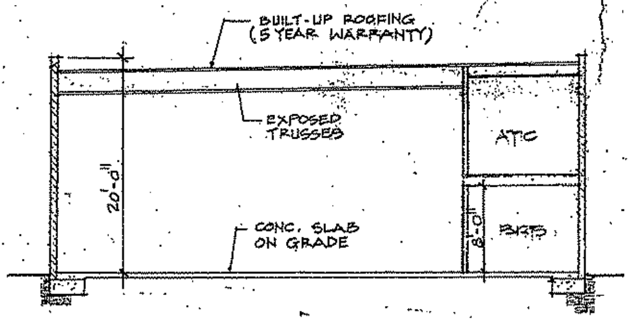
SITE/FLOOR PLAN 1/8"=1'-0"
FOR SITE INFORMATION SEE CIVIL DWGS.



SOUTH ELEVATION (NORTH ELEV. SIMILAR) 1/8"=1'-0"



EAST ELEVATION 1/8"=1'-0"

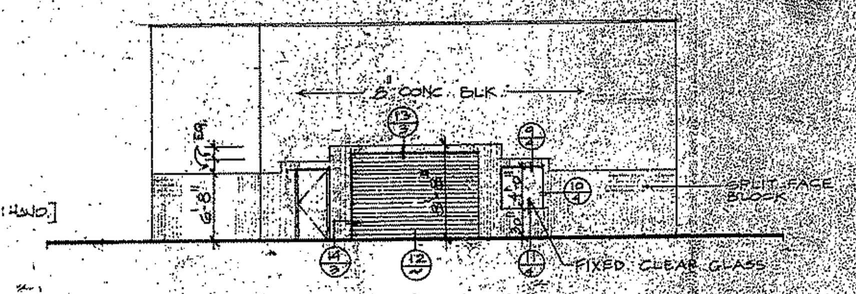


CROSS · SECTION (A) 1/8"=1'-0"

PROJECT DATA:

SITE AREA ——— 8,000 S.F.
BUILDING AREA ——— 4,700 S.F.
PARKING ——— 12 STALLS:
[7 STD/4 COMP/1 HAND.]

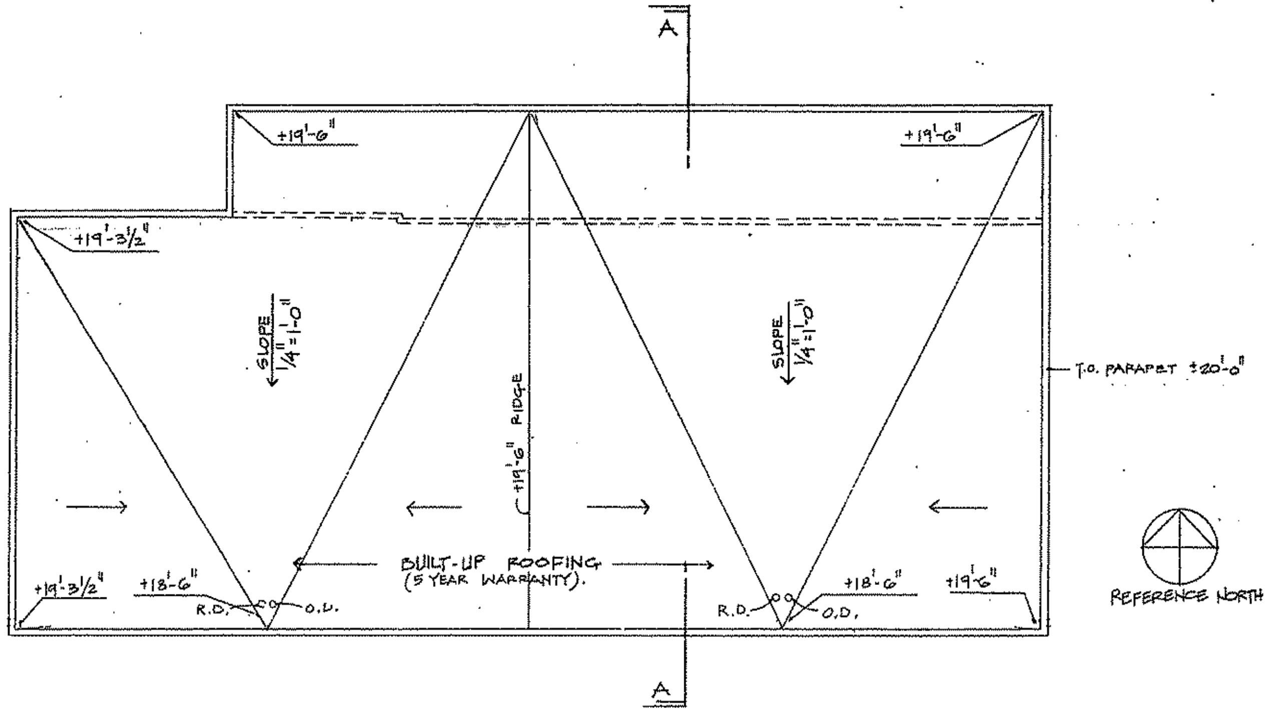
B-1 OCCUPANCY



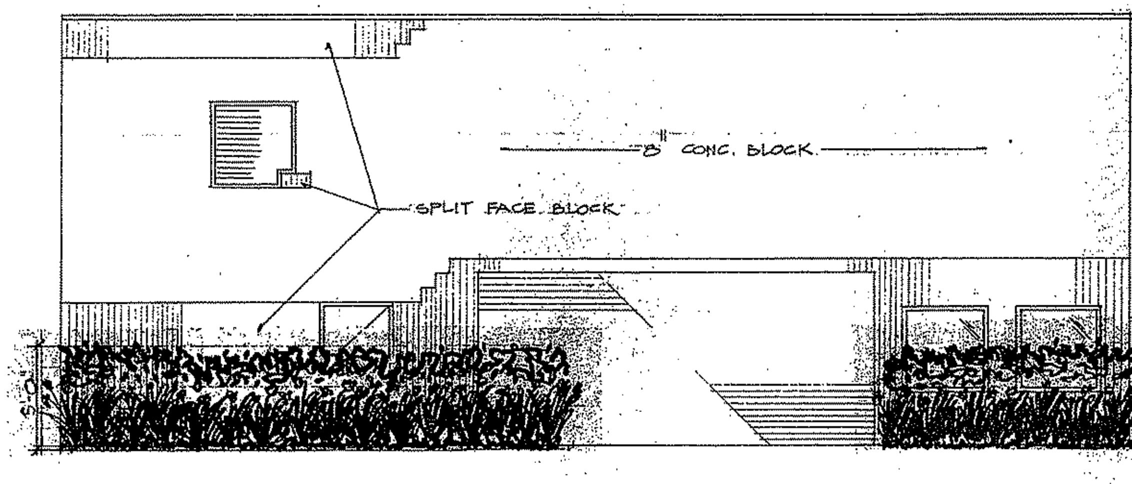
WEST ELEVATION 1/8"=1'-0"

Architects
BIRBA GROUP
2350 Hyperion Avenue Los Angeles California 90027
(213) 665-9768

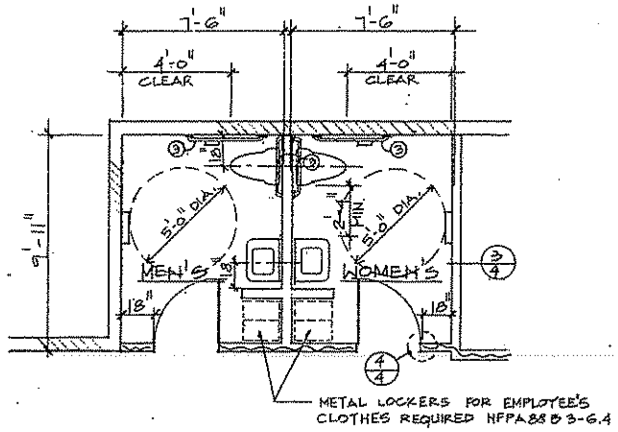
Date 11.15.90
Sheet 1 of 4 Sheets



ROOF PLAN 1/8"=1'-0"



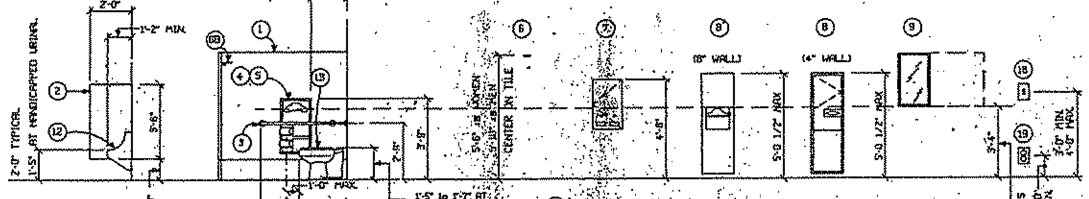
EXTERIOR ELEVATION W/ LANDSCAPING



MEN'S AND WOMEN'S TOILETS 1/4"=1'-0"

NOTES.

1. COMBUSTIBLE TRASH TO BE STORED IN COVERED METAL RECEPTACLES AND REMOVED DAILY - NO TRASH STORAGE PERMITTED INSIDE.
2. POST "NO SMOKING" SIGN IN ALL AREAS, EXEPT OFFICE AREA.
3. PROVIDE MATERIAL SAFETY DATA SHEETS (MSDS') AND MATERIAL INVENTORY.
4. APPROVED (LISTED) SELF CLOSING METAL RECEPTACLES FOR OIL SOCKED WASTE OR CLOTHS. NFPA 88B 3-6.5.



1. TOILET PARTITION
2. URINAL SCREEN
3. GRAB BAR : B-5507x42" AT SIDE OF TOILET AND B-5507x36" AT REAR OF TOILET
4. TOILET SEAT COVER DISPENSER, ROLL TOILET TISSUE DISPENSER AT MEN
4A. B-347 CENTER MOUNTED
4B. B-3471 AT HANDICAPPED STALL
4C. B-3474 IN 4" WALL
4D. B-3479 SURFACE MOUNTED
5. TOILET SEAT COVER DISPENSER, NAPKIN DISPOSAL, TOILET TISSUE DISPENSER AT WOMEN
5A. B-357 CENTER MOUNTED
5B. B-3571 AT HANDICAPPED STALL
5C. B-3574 IN 4" WALL
5D. B-3579 SURFACE MOUNTED
6. ROBE HOOK
6A. WALL HOOK B-6727
6B. TOILET PARTITION HOOK AND BUMPER MANUFACTURER'S STANDARD
7. FEMININE NAPKIN - TAMPON VENDOR
7A. B-3500x2 IN 6" WALL
7B. B-35024x2 IN 4" WALL
8. PAPER TOWEL DISPENSER AND WASTE RECEPTACLE
8A. B-3944 IN 4" WALL
8B. B-39003 IN 8" WALL
9. MIRROR B-290 WITH STAINLESS FRAME
10. SOAP DISPENSER B-822
11. LAVATORY INSULATE ALL HOT WATER AND WASTE PIPING OCCURING UNDER THE LAVATORY
12. URINAL: LOCATE FLUSH CONTROL FOR HANDICAPPED URINAL +44" MAX ABOVE THE FLOOR
13. TOILET: LOCATE FLUSH VALVE FOR HANDICAPPED TOILET ON WIDE SIDE OF STALL.
14. ELECTRIC WATER COOLER
15. FLOOR DRAIN WITH SQUARE TOP
16. HANDICAPPED SIGN
17. SERVICE SINK
18. WALL SWITCH
19. CONVINIENCE OUTLET

S-1 6-1-900800-1 6-1-90

ALL DIMENSIONS FOR TOILET ACCESSORIES ARE TO ROUGH OPENING

TYPICAL HANDICAPPED CLEARANCES

SCALE
1/4" = 1'-0"

Certificate of Compliance (Part 1 of 2) — Performance Requirements CF-1B

GERMAN AUTO TECHNIK A.G.
Project Title — Date of Certificate
BIRBA GROUP
Project Architect/Engineer
1654 19TH STREET
Project Location
SANTA MONICA
City/Town
CURESH ENGINEERING (213)826-7345
Documentation Author/Firm — Telephone

For Enforcement Agency Use Only
Building Permit Number
Plan Checked By — Date
Field Checked By — Date
Approved By — Date

Principal Designer. The proposed building will be in substantial compliance with the California Building Energy Efficiency Standards provided it is built according to the plans and specifications and provided future improvements are completed according to the requirements indicated on this Certificate of Compliance. The plans and specifications have been prepared to include all significant energy conservation features required for compliance with the Standards. Building areas that are unconditioned and/or not subject to the standards are indicated on the plans.

* [signature]
Plans Dated — Specs Dated
Signature — Date
PEDRO BIRBA / PRESIDENT
Name/Title
BIRBA GROUP
Company
2350 HYPERION AVE.
Address
LOS ANGELES, CA. 90027
City/State/Zip
(213) 666-9768 C 12848
Telephone — Cal License No

Owner. The energy conservation features and performance specifications indicated on this document and on the plans and specifications shall apply to future alterations unless compliance is demonstrated, anew and a new Certificate of Compliance is submitted. A copy of this Certificate will be retained and transmitted to future owners, subsequent owners or others with responsibility for making improvements or modifications to the building. If this certificate is lost, a new Certificate may be required before a permit is issued for alterations. Unconditioned areas are indicated on the plans and if these areas are conditioned in the future, they must be made to comply with the applicable energy standards then in effect.

* [signature] 5.17.91
Signature — Date
GUNTRAM OSSA
Name/Title
GERMAN AUTO TECHNIC A.G.
Company
1665 11TH ST.
Address
SANTA MONICA CA 90404
City/State/Zip

Enforcement Agency. The proposed building, and future alterations will comply with the California Building Energy Efficiency Standards, provided future alterations meet the requirements indicated on this Certificate and all applicable mandatory measures, as long as the building occupancy type remains unchanged.

Signature — Date
Name/Title
Agency
Address
City/State/Zip

Energy Analyst. The energy performance analysis summarized below was performed using an approved CEC calculation method, with CEC approved fixed and restricted engineering inputs for the applicable climate zone and occupancy type, and using an appropriate representation of building zoning and physical configuration. All significant energy conservation features are listed below or on an attached supplement.

[signature] MAY 13, 91
Signature — Date
CURESH DALLALZADEH / PRINCIPAL
Name/Title
CURESH ENGINEERING
Company
1659 WELLESLEY AVE.
Address
LOS ANGELES, CA. 90025
City/State/Zip
(213) 826-7345
Telephone

	General	Reference		
1	Unconditioned or Multi-tenant shell?		SHELL	
2	CEC Occupancy Type		OFFICE	
3	UBC Occ. Group/Division		B-2	
4	Climate Zone		6	
5	Conditioned Floor Area		200	sf
6	Unconditioned Floor Area		4,086	sf
7	Budget Table (fr Standards)	FIXED	2-53R	
8	Alt Energy Budget (WS-1A)		190	kBtu/sf-yr
9	Calc Method CEC Code/Date	SCM	3-10A	
10	Multiplier		1.0	
11	Calculated Energy Use		182.40	kBtu/sf-yr
	Envelope Requirements			
12	Average Roof/Ceiling R		21.60	hr-sf-F/Btu
13	Average Exterior Floor R		—	hr-sf-F/Btu
14	Average Opaque Wall R		4.35	hr-sf-F/Btu
15	Glazing Area in Wall		32	sf
16	Average SC (Wall glazing)		.95	
17	Glazing Area in Roof		—	sf
18	Average SC (Roof glazing)		—	
	Lighting Requirements			
19	Allowed Whole Building LPD		1.60	watts/sf
20	Allowed Common Areas LPD			watts/sf
21	Allowed Tenant Space LPD			watts/sf
22	Package Lighting Reduction			watts/sf
23	Lighting Controls Required?			(Y/N)
	Mechanical Requirements			
24	System Type		SPLIT HEAT PUMP UNIT	
25	Unit Fan Power		.31	watts/cfm
26	Rated Cooling Efficiency		9.90	EER
27	Rated Cooling Capacity		18.90	MBH
28	Rated Heating Efficiency		3.12	COP
29	Rated Heating Capacity		19.10	MBH
30	Economizer cooling?		N	(Y/N)
31	CF-1X Attached?		N	(Y/N)

EEM Form Revised September 1989

Page 1 of 2

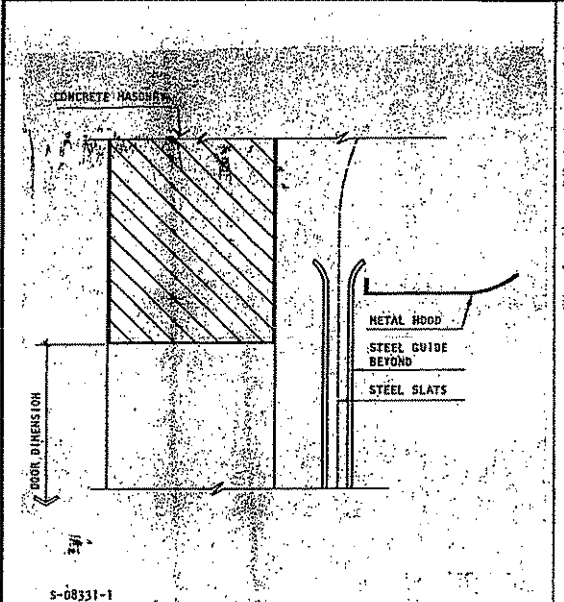
[signature]

REVISIONS. | BY.

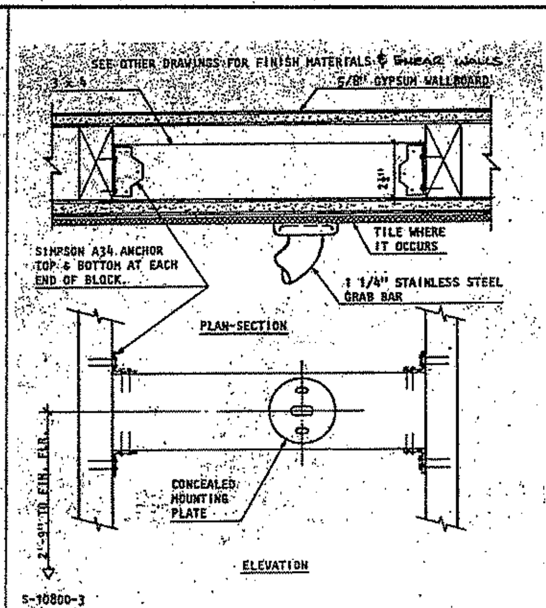
BIRBA GROUP
Architects
2350 Hyperion Avenue Los Angeles California 90027
(213) 666-9768

PROPOSED BUILDING FOR
GERMAN AUTO TECHNIK A.G.
1654 19TH STREET, SANTA MONICA

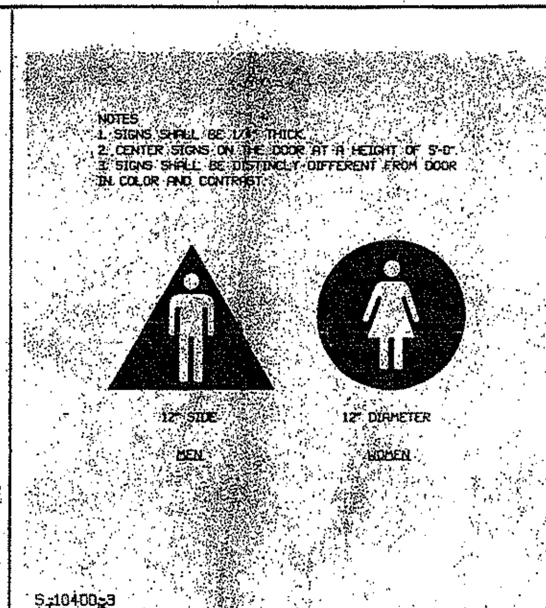
Date	
Scale	AS NOTED
Drawn	
Job	90-20
Sheet	2
Of	4 Sheets



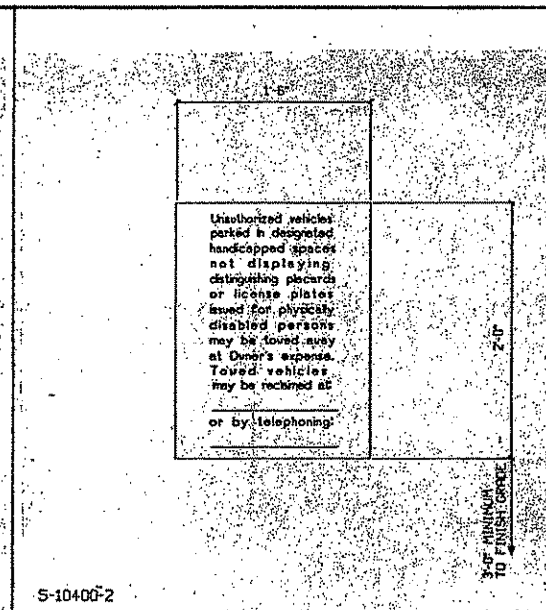
OVERHEAD COILING DOOR HEAD — SCALE 3"=1'-0" — 13



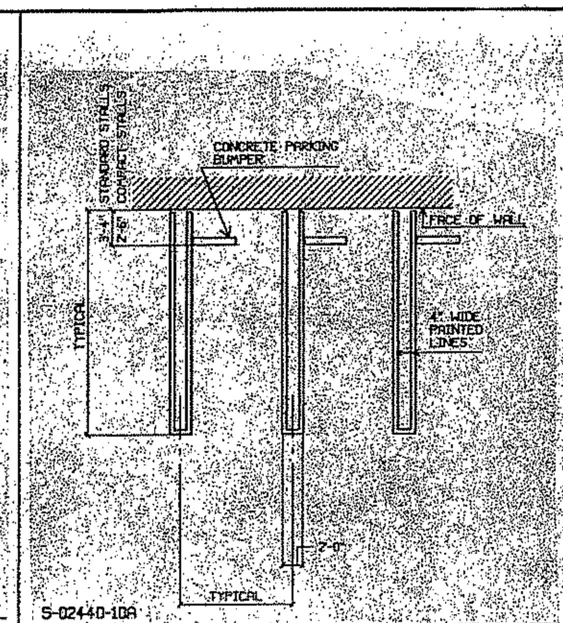
GRAB BAR BACKING — SCALE NONE — 10



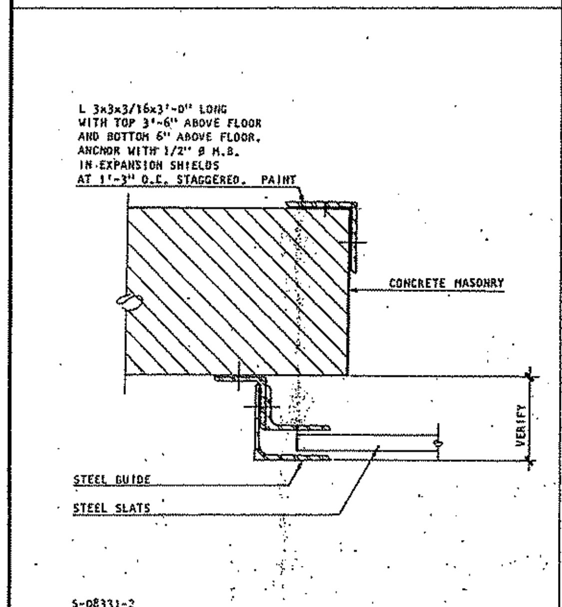
TOILET ROOM DOOR SIGNS — SCALE NONE — 7



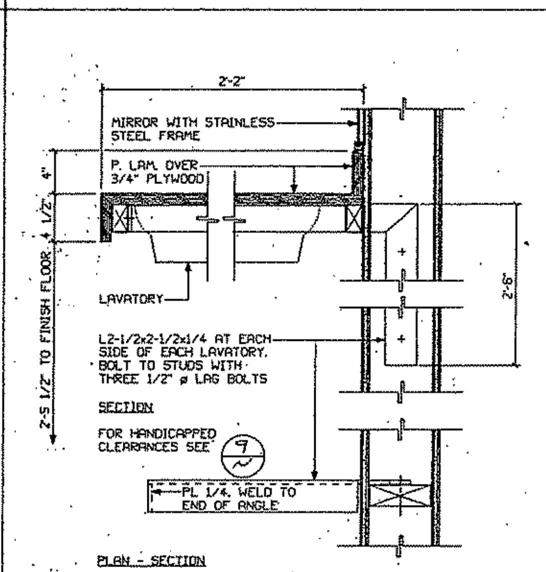
WALL MOUNTED TRAFFIC ENTRY WARNING SIGN — SCALE NONE — 4



90° PARKING STALLS — SCALE 1/8"=1'-0" — 1

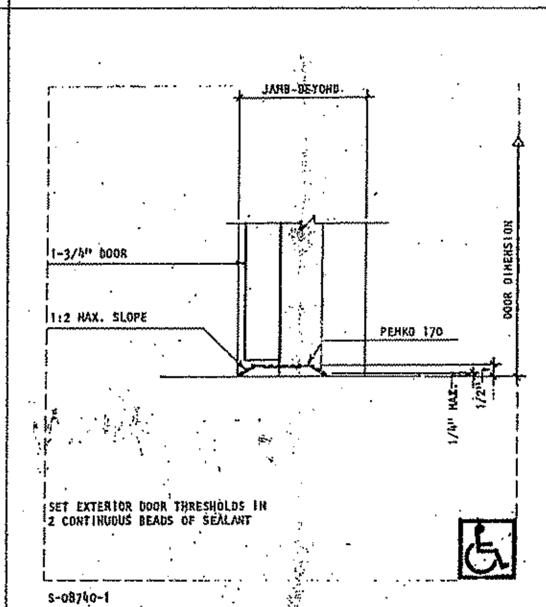


OVERHEAD COILING DOOR JAMB — SCALE 3"=1'-0" — 14

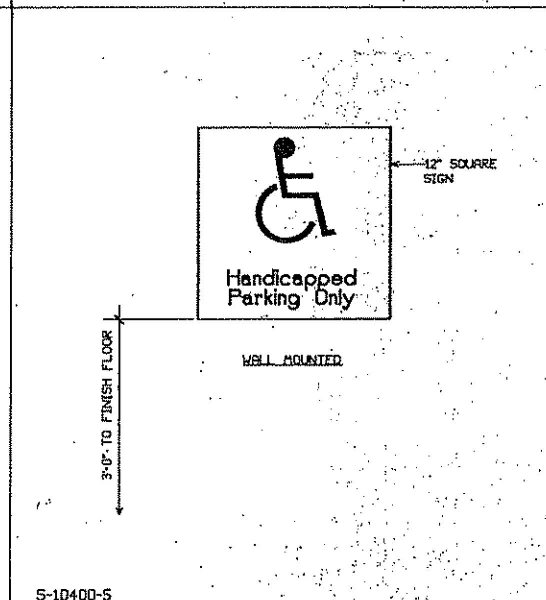


SEE OTHER DRAWINGS FOR WALL CONSTRUCTION AND FINISHES.
S-06250-7A

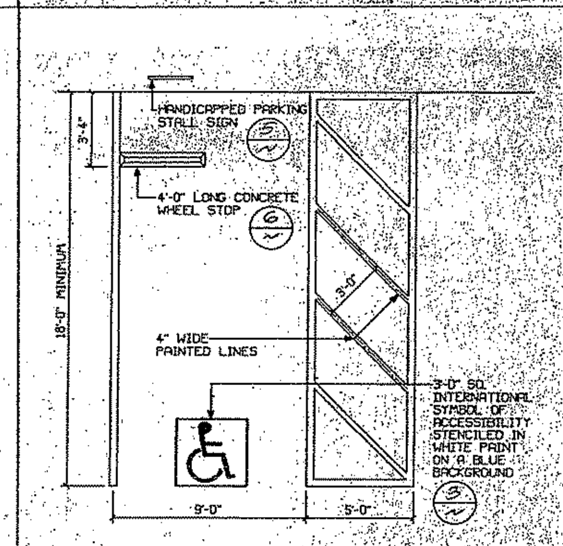
COUNTER TOP — SCALE 1 1/2"=1'-0" — 11



DOOR SILL — SCALE 3"=1'-0" — 8

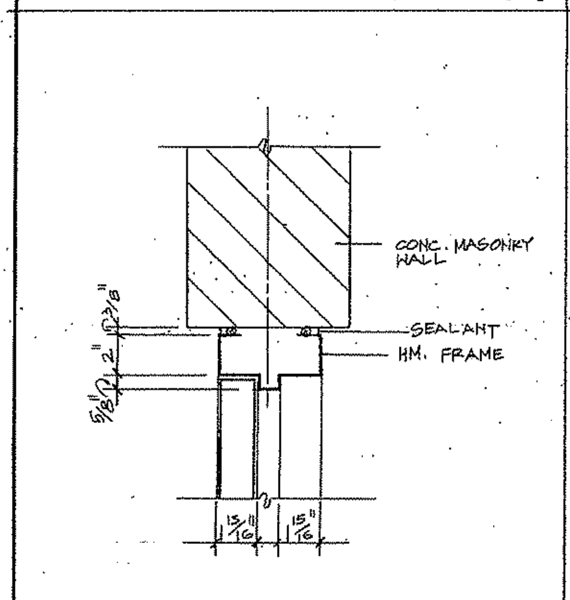


HANDICAPPED PARKING STALL SIGN — SCALE NONE — 5

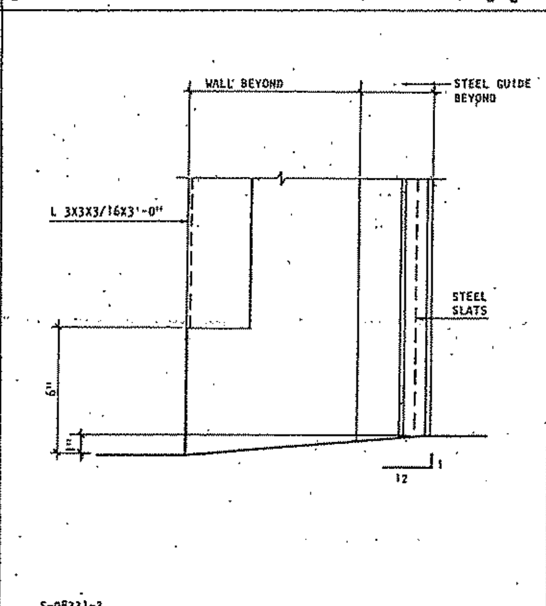


SLOPE SHALL NOT EXCEED 1/4" PER FOOT (2.083% GRADIENT) IN ANY DIRECTION.
S-02440-9B

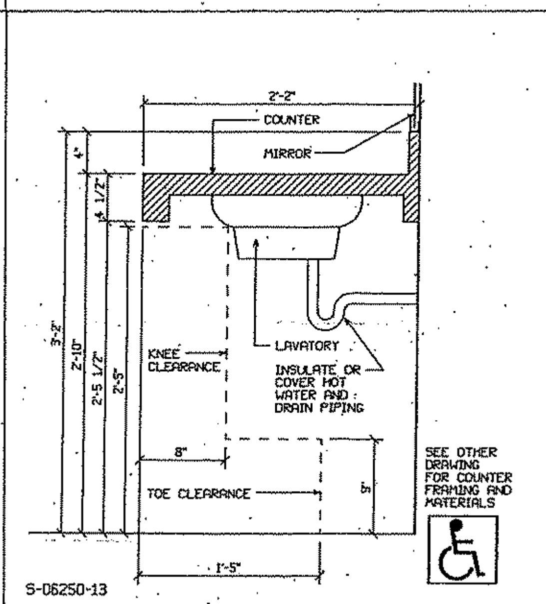
HANDICAPPED PARKING STALL — SCALE 1/4"=1'-0" — 2



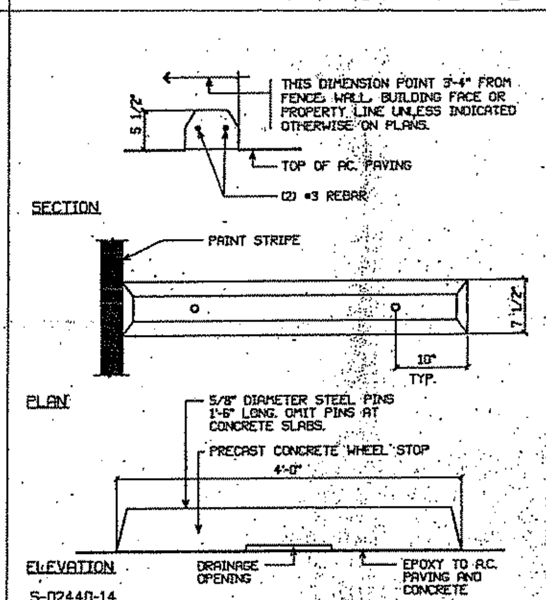
DOOR HEAD (JAMB SIMILAR) — SCALE 3"=1'-0" — 15



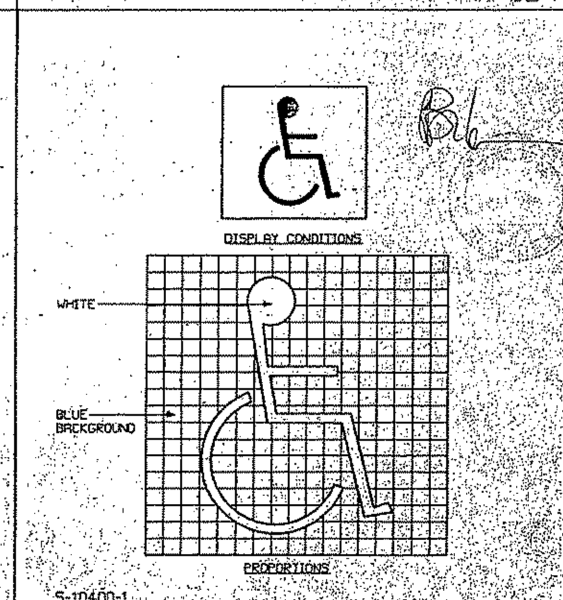
OVERHEAD COILING DOOR SILL — SCALE 3"=1'-0" — 12



HANDICAPPED LAVATORY CLEARANCES — SCALE 1 1/2"=1'-0" — 9



CONCRETE WHEEL STOP — SCALE 1"=1'-0" — 6



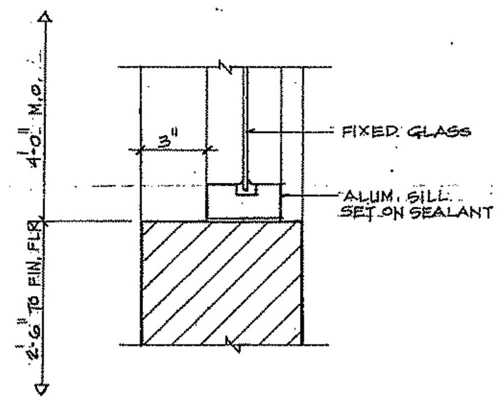
INTERNATIONAL SYMBOL OF ACCESSIBILITY — SCALE AS NOTED — 3

REVISIONS | BY:

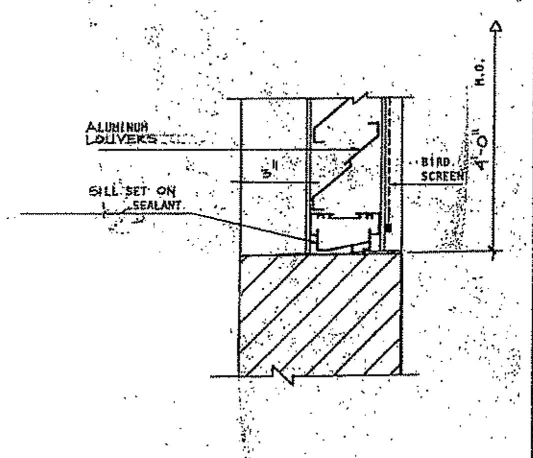
Architects BIRBA GROUP
2350 Hyperion Avenue Los Angeles California 90027 (213)660-9766

PROPOSED BUILDING FOR GERMAN AUTO TECHNIK A.G.
1651 19TH STREET, SANTA MONICA

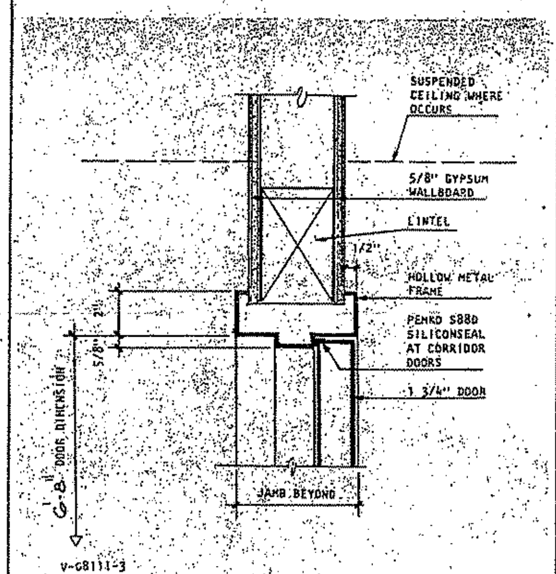
Date
Scale AS NOTED
Drawn
Job 90-20
Sheet 3 Of 4 Sheets



ALUM. WINDOW SILL — SCALE 3" = 1'-0" — 11



ALUM. LOUVER SILL — SCALE 3" = 1'-0" — 8



DOOR HEAD — SCALE 3" = 1'-0" — 5

Certificate of Compliance (Part 2 of 2)

Performance Compliance CF-1B

GERMAN AUTO TECHNIK A.G. — Project Title — Date of Certificate — 200 Cond Flr Area — For Enforcement Agency Use Only

CURESH ENGINEERING — Documentation Author/Firm — (213) 826-7345 Telephone — OFFICE CEC Occ type — Plan Checked by — Date

Note: More than one Part 2 may be submitted, but all must reference the same Part 1. The person responsible for design compliance for each major building system acknowledges the following compliance statement by signing the appropriate space below.

Compliance Statement: The proposed building improvements substantially comply with the requirements indicated on the Certificate of Compliance for this building, dated ________. The plans and specifications include the significant energy conservation features and the compliance documentation is consistent with the plans and specifications.

Envelope

	Allowed	Proposed	
1. Average Roof/Ceiling R		21.60	h-F-sf/Btu
2. Average Exterior Floor R		—	h-F-sf/Btu
3. Average Opaque Wall R		4.35	h-F-sf/Btu
4. Glazing Area in Wall		32	sf
5. Average SC (Wall)		.95	
6. Glazing Area in Roof		—	sf
7. Average SC (Roof)		—	

Other requirements

Extent of Improvements — Plans dated — Specs dated
[signature] — Signature — Date
PEDRO BIRBA / PRESIDENT — Name/Title
BIRBA GROUP — Company
2350 HYPERION AVE. — Address
LOS ANGELES, CA. 90027 — City/State/Zip
(213) 666-9768 — Telephone — C 12848 — Cal License No
Enforcement Agency — Date

Lighting

8 Sum of Allowed LPD: 1.60

	Allowed	Proposed	
9 LPD			watts/sf
10 Package Lighting Reduction			watts/sf
11 Adjusted LPD			watts/sf
12 Lighting Control Credits?			(Y/N)

Other requirements

Extent of Improvements — Plans dated — Specs dated
Signature — Date
Name/Title
Company
Address
City/State/Zip
Telephone — Cal License No
Enforcement Agency — Date

Mechanical

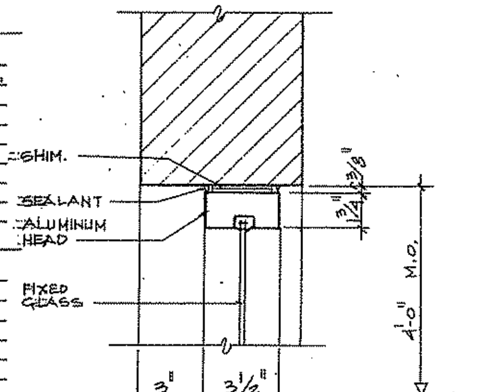
	Allowed	Proposed	
13 Unit Fan Power		.31	watts/cfm
14 Rated Cooling Efficiency		9.90	EER (units)
15 Rated Cooling Capacity		18.90	MBH (units)
16 Rated Heating Efficiency		3.12	COP (units)
17 Rated Heating Capacity		19.10	MBH (units)
18 Economizer cooling?		N	(Y/N)
19 Simultaneous heat/cool?		N	(Y/N)

Other requirements

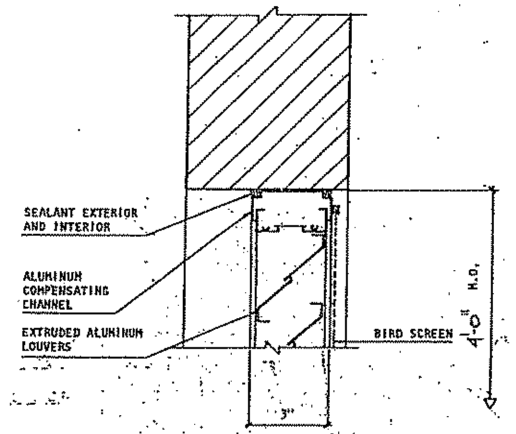
UNIT FAN POWER = (.85 WATTS/FT²) for WS-4A / (550 CFM)/(200 FT²) = .309 WATTS/CFM

Extent of Improvements — Plans dated — Specs dated
[signature] MAY 9 91 — Signature — Date
CURESH DALLALZADEH / PRINCIPAL — Name/Title
CURESH ENGINEERING — Company
1659 WELLESLEY AVE. — Address
LOS ANGELES, CA. 90025 — City/State/Zip
(213) 826-7345 — Telephone — ME-26425 — Cal License No
Enforcement Agency — Date

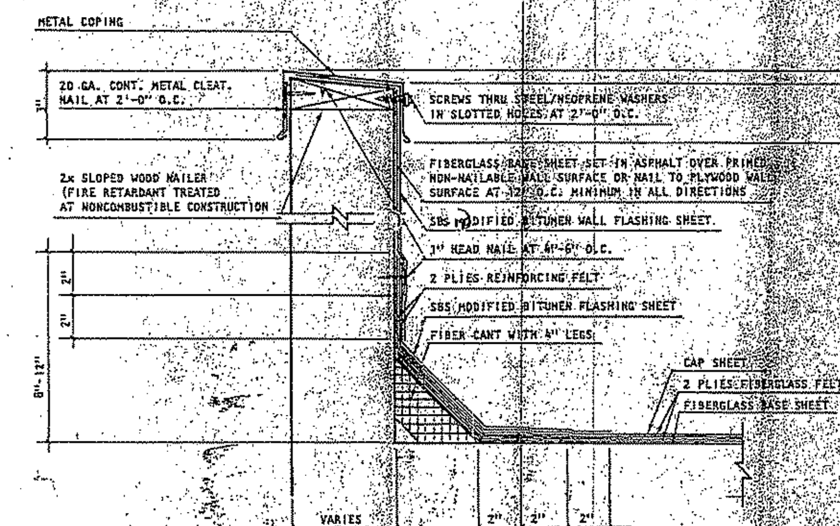
EEM Form Revised September 1988 — Page — of



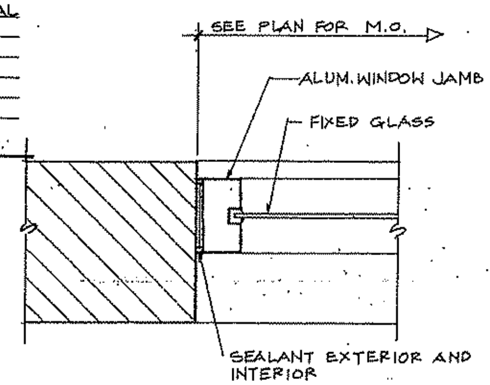
ALUMINUM WINDOW HEAD — SCALE 3" = 1'-0" — 9



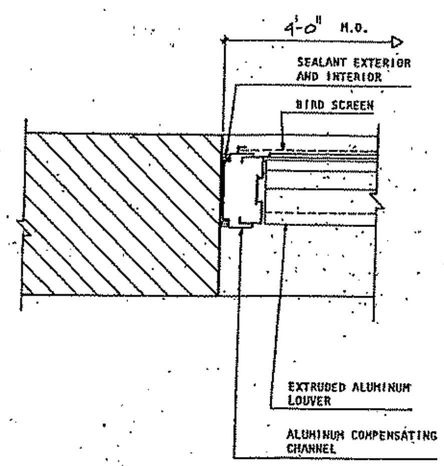
ALUMINUM LOUVER HEAD — SCALE 3" = 1'-0" — 6



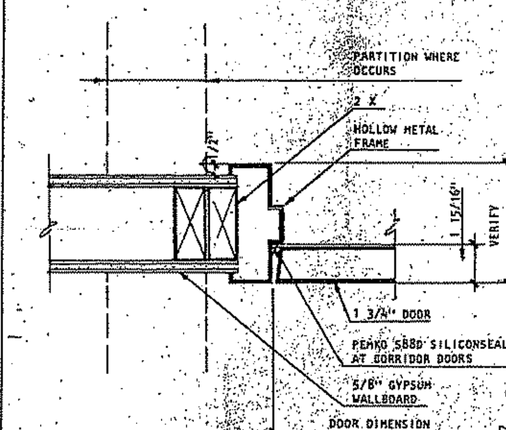
PARAPET — SCALE 3" = 1'-0" — 2



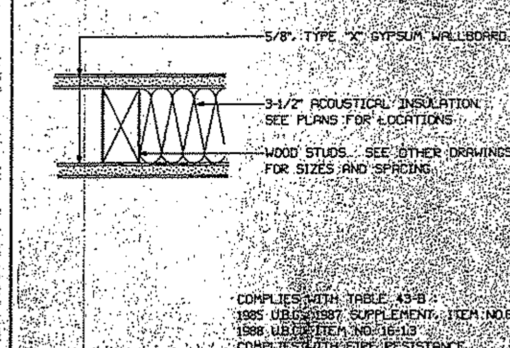
ALUMINUM WINDOW JAMB — SCALE 3" = 1'-0" — 10



ALUMINUM LOUVER JAMBS — SCALE 3" = 1'-0" — 7



DOOR JAMB — SCALE 3" = 1'-0" — 4



NON-FIRE RATED OR ONE HOUR FIRE RATED WALL — SCALE 3" = 1'-0" — 3

REVISIONS | BY

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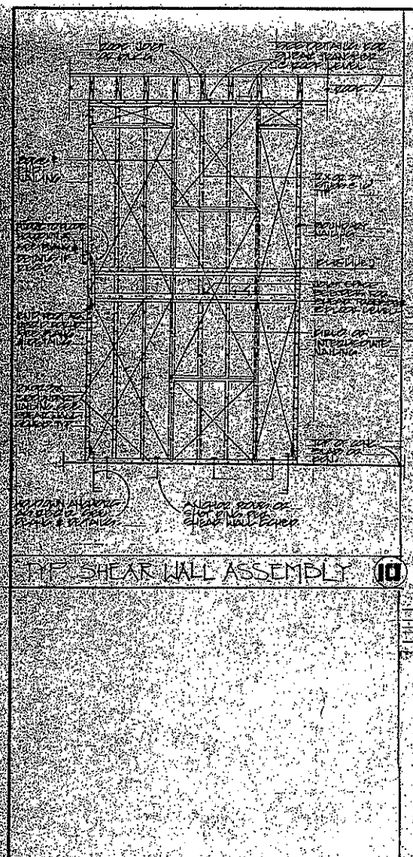

TYP SHEAR WALL ASSEMBLY ⑩

TYP STEPPED FOOTING DET ⑦

TYP SLAB EDGE DETAIL ①

TYP SLAB DEPRESSION DETAIL ②

NOTE: CONSTRUCTION JOINT DET IS MANDATORY FOR POUR JOINTS. AT OWNERS OPTION THE SLAB CAN BE POURED CONTINUOUS AND CONTROL JOINT DETAIL MAY BE USED EVERYWHERE ELSE. FOR SLAB TO BE POURED IN STRIPLANE PATTERN CONSTRUCTION JOINT TO BE USED IN THE LONG DIRECTION, CONTROL JOINT IN THE TRANSVERSE DIRECTION. MAXIMUM AREA BETWEEN JOINTS 400 SQ FT.

TYP SLAB JOINT DETAIL ⑧

TYP CONC STAIR ON GRADE DET ③

MASONRY WALL CONTROL JOINT ⑨

TYP SLAB OR WALL OPENING ④

WHERE SPLICE OF DIFFERENT SIZE BARS OCCURS USE LAP BASED ON LARGER BAR DIAMETER

FOR REINFORCING SEE SECTIONS & DETAILS

MINIMUM WALL REINFORCING

WALL THICKNESS		VERTICAL REINF	HORIZ REINF	MATS
MASONRY	6"	#4 @ 32"	#4 @ 32"	SINGLE
	8"	#5 @ 32"	#4 @ 32"	SINGLE
CONCRETE	6"	#4 @ 16"	#4 @ 16"	SINGLE
	8"	#4 @ 16"	#5 @ 15"	SINGLE

MINIMUM WALL REINFORCING - TYPICAL PLACEMENT DETAIL ⑤

TYPICAL CONDUIT OR PIPE SLEEVE THROUGH FOOTING DETAIL ⑥

CONCRETE BLOCK MASONRY

1. CONCRETE BLOCK WALLS SHALL BE CONSTRUCTED OF Normal WEIGHT GRADE "N" UNITS CONFORMING TO ASTM C90.
2. UNITS SHALL BE SUFFICIENTLY MOIST AT TIME OF LAYING TO PREVENT DEHYDRATION OF MORTAR AND GROUT AND SHALL BE FREE OF ALL SUBSTANCES WHICH MIGHT IMPAIR BOND OF UNITS TO MORTAR AND GROUT.
3. MORTAR SHALL BE MACHINE MIXED TYPE "S" CONSISTING OF, BY VOLUME, 1 PART CEMENT, 1/4 PART LIME PUTTY AND DAMP LOOSE AGGREGATE NOT LESS THAN 2-1/2 TIMES NOR MORE THAN 3 TIMES THE SUM OF THESE PARTS.
4. GROUT SHALL BE MACHINE MIXED AND SHALL CONSIST OF 1 PART CEMENT, 1/10 PART LIME PUTTY AND 2 TO 3 PARTS SAND. GROUT SPACES MORE THAN 4 IN. WIDE MAY HAVE NOT MORE THAN 2 PARTS PEA GRAVEL ADDED TO COMPONENTS DESCRIBED ABOVE.
5. CEMENT FOR MORTAR & GROUT SHALL BE LOW ALKALI TYPE I OR II CONFORMING TO ASTM C 150.
6. MORTAR AND GROUT SHALL HAVE THE FOLLOWING 28 DAY STRENGTHS:
    MORTAR—1800 PSI
    GROUT—2000 PSI
7. ALL WALLS SHALL BE GROUTED SOLID, U.N.O. MAXIMUM GROUT LIFT SHALL NOT EXCEED 4 FT.
8. SEE ARCH. DRAWINGS FOR BLOCK SIZE, COLOR, TEXTURE, BONDING PATTERN AND JOINTING.
9. CONTINUOUS INSPECTION IS REQUIRED FOR ALL CONCRETE BLOCK WALLS.
10. F'm = 1500 PSI

CONCRETE

1. CONCRETE USED IN THE WORK SHALL HAVE AN ULTIMATE COMPRESSIVE STRENGTH OF 2000 PSI AT AGE 28 DAYS.
2. ALL CONCRETE SHALL BE STONE CONCRETE UTILIZING AGGREGATE CONFORMING TO ASTM C 33.
3. CEMENT SHALL BE TYPE I OR II CONFORMING TO ASTM C 150.
4. CONCRETE COVER OVER REINFORCING STEEL SHALL BE AS FOLLOWS:
    A. CONCRETE AGAINST EARTH (UNFORMED)—3"
    B. CONCRETE AGAINST EARTH (FORMED)—2"
5. BEFORE CONCRETE IS PLACED THE CONTRACTOR SHALL COORDINATE AND CHECK WITH ALL TRADES TO ENSURE THE PROPER PLACEMENT OF ALL OPENINGS, SLEEVES, INSERTS, CURBS, DEPRESSIONS, etc. RELATING TO THE WORK.
6. SLEEVES, OPENINGS OR OTHER ATTACHEMENTS NOT SHOWN ON THE DRAWINGS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER & THE LOCAL BUILDING AGENCY PRIOR TO PLACING OF CONCRETE.
7. CONTINUOUS INSPECTION NOT REQUIRED FOR CONCRETE.

REINFORCING STEEL

1. A. ALL REINFORCING STEEL SHALL BE NEW STOCK DEFORMED BARS CONFORMING TO ASTM A615 AS FOLLOWS:
    a. STIRRUPS & TIES—GRADE 40
    b. STEEL IN MASONRY WALLS—GRADE 40 U.N.O.
    c. ALL OTHER—GRADE 60
    d. WALL DOWELS TO FOOTINGS—GRADE 40

    B. WELDED WIRE FABRIC SHALL BE MADE OF COLD DRAWN WIRE & SHALL CONFORM TO ASTM A 185.
2. ALL BARS SHALL BE FREE OF RUST, GREASE, MILL SCALE OR ANY MATERIAL WHICH MIGHT AFFECT ITS BOND TO CONCRETE.
3. ALL BAR BENDS SHALL BE MADE COLD.
4. BAR LAPS SHALL BE MADE AWAY FROM POINTS OF MAXIMUM STRESS OR AT LOCATIONS SHOWN ON THE DRAWINGS AND AS INDICATED BELOW. THE MINIMUM AMOUNT OF ANY LAP SHALL BE 2 FEET.
    a. COLUMNS—24 DIAMETERS
    b. HORIZONTAL STEEL IN CONCRETE SLABS, WALLS, BEAMS AND GIRDERS—36 DIAMETERS
    c. CONCRETE BLOCK MASONRY—40 DIAMETERS
5. ALL TESTING OF REINFORCING STEEL SHALL BE AS REQUIRED BY LOCAL BUILDING CODE OR AS OTHERWISE NOTED IN THE SPECIFICATIONS.
6. PRIOR WELDING PROCEDURE APPROVAL IS REQUIRED FOR WELDING OF GRADE 60 REINFORCING STEEL. PROCEDURE TO INCLUDE PREHEATING TEMPERATURE AND LENGTH OF PREHEATING INDIVIDUAL PIECES OF REINFORCING STEEL PER RGA 3-77.
7. ALL FIELD WELDING SHALL BE DONE UNDER CONTINUOUS INSPECTION OF A REGISTERED DEPUTY INSPECTOR LICENSED BY THE LOCAL BUILDING OFFICIAL.

WELDING OF REINFORCING STEEL

FIELD WELDING OF REINFORCING STEEL SHALL BE PERFORMED BY WELDERS SPECIFICALLY CERTIFIED FOR REINFORCING STEEL. PRIOR TO WELDING THE "CARBON EQUIVALENT" (CE) OF STEEL SHALL BE DETERMINED. REINFORCING STEEL WHOSE "CE" CANNOT BE IDENTIFIED OR WHOSE "CE" EXCEEDS 0.75% SHALL NOT BE WELDED, EXCEPT FOR REINFORCING STEEL CONFORMING TO ASTM A-706. REINFORCING STEEL SHALL BE PREHEATED AS SHOWN IN TABLE 1, RGA 3-77. IN ADDITION, STEEL WITH "CE" BETWEEN 0.66% AND 0.75% SHALL BE WELDED ONLY WHEN PRIOR QUALIFICATION TESTS VERIFY ACCEPTABLE WELDABILITY.

~~STRUCTURAL STEEL~~

VOID

1. ~~STRUCTURAL STEEL ROLLED SECTIONS & PLATE USED IN THE WORK SHALL CONFORM TO ASTM A36.~~
2. ~~PIPE COLUMNS SHALL BE WELDED SEAMLESS PIPE CONFORMING TO ASTM A53 FOR GRADE "B" PIPE.~~
3. ~~SQUARE OR RECTANGULAR TUBES SHALL BE WELDED SEAMLESS SECTIONS MADE OF STEEL CONFORMING TO ASTM A500.~~
4. ~~ALL FABRICATION SHALL BE DONE IN THE SHOP OF A FABRICATOR LICENSED BY THE CITY OF LOS ANGELES, OR UNDER THE CONTINUOUS INSPECTION OF A REGISTERED DEPUTY INSPECTOR LICENSED BY THE SAME BODY.~~
5. ~~ALL STRUCTURAL STEEL EXCEPT THAT PORTION TO BE EMBEDDED IN CONCRETE OR TO RECEIVE SPRAYED-ON FIREPROOFING SHALL RECEIVE ONE SHOP COAT OF PAINT AS DESCRIBED IN THE SPECIFICAITONS.~~
6. ~~SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APROVAL PRIOR TO FABRICATION. ANY FABRICATION DONE PRIOR TO RECEIPT OF APPROVED SHOP DRAWINGS SHALL BE DONE AT THE CONTRACTOR'S OWN RISK.~~
7. ~~BOLTED CONNECTIONS USED IN THE WORK SHALL CONSIST OF UNFINISHED BOLTS CONFORMING TO ASTM A307. BOLTS SHALL BE 3/4 IN. UNLESS OTHERWISE NOTED.~~
8. ~~CONTRACTOR SHALL PROVIDE BRACING AS REQUIRED TO MAINTAIN THE ALIGNMENT OF THE BUILDING FRAME UNTIL ALL WELDING IS COMPLETED AND/OR SLABS AND WALLS ARE POURED.~~

GENERAL

1. THE CONTRACTOR SHALL EXAMINE THE STRUCTURAL DRAWINGS AND SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY DISCREPANCIES HE MAY FIND BEFORE PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE SITE AND SHALL NOTIFY STRUCTURAL ENGINEER OF DISCREPANCIES BETWEEN THE ACTUAL CONDITIONS AND INFORMATION SHOWN ON THE DRAWINGS BEFORE PROCEEDING WITH THE WORK.
3. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE STRUCTURAL ENGINEER OF ANY CONDITION WHICH, IN HIS OPINION, MIGHT ENDANGER THE STABILITY OF THE STRUCTURE OR CAUSE DISTRESS OF THE STRUCTURE.
4. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE 1985 EDITION OF THE L.A. CITY BUILDING CODE & SUCH OTHER REGULATING AGENCIES EXERCISING AUTHORITY OVER ANY PORTION OF THE WORK INCLUDING THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY.
5. ALL WORK SHALL CONFORM TO THE BEST PRACTICE PREVAILING IN THE VARIOUS TRADES COMPRISING THE WORK.
6. ALL ASTM DESIGNATIONS SHALL BE AS AMENDED TO DATE.
7. SPECIFIC NOTES & DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES & TYPICAL DETAILS.
8. THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR INFORMATION NOT COVERED BY THESE GENERAL NOTES OR THE STRUCTURAL DRAWINGS.
9. THE CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING & SHORING FOR ALL STRUCTURAL MEMBERS OR AS REQUIRED FOR STRUCTURAL STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.
10. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO ENSURE THE PROPER ALIGNMENT OF THE STRUCTURE AFTER THE INSTALLATION OF ALL STRUCTURAL AND FINISH MATERIALS.
11. CONTRACTOR SHALL NOTIFY ADJACENT PROPERTY OWNERS, IN WRITING, OF HIS INTENTION TO START THE WORK, AND THAT AN EXCAVATION WILL BE MADE, A MINIMUM OF 10 DAYS BEFORE THE START OF WORK SO THAT PROPERTY OWNERS MAY PROTECT THEIR PROPERTY.

WOOD FRAMING

1. ALL LUMBER SHALL BE STRESS GRADE DOUGLAS FIR/LARCH UNLESS OTHERWISE NOTED.
    A. 2X4 & 3X4 STUDS—STUD GRADE
    B. ROOF JOISTS AND 2X6 STUDS—D.F. NO. 2 J & P—1450 PSI
    C. FLOOR JOISTS—D.F. NO. 2 J & P—1450 PSI
    D. ALL BEAMS LESS THAN 5" THICK—D.F. NO. 1 J & P—1500 PSI
    E. BEAMS GREATER THAN 5" THICK—SELECT STRUCTURAL B & S—1600 PSI
    F. POSTS—D.F. NO. 1 P & T—925 PSI
2. ALL WOOD IN DIRECT CONTACT WITH THE GROUND, MASONRY OR CONCRETE SHALL BE TREATED WITH A PRESERVATIVE OR SHALL BE DECAY RESISTANT WOOD AS PRESCRIBED IN THE UNIFORM BUILDING CODE.
3. ALL WALLS SHALL BE BOLTED TO FOUNDATION (CONCRETE OR CONCRETE BLOCK) WITH 1/2" Φ ANCHOR BOLTS WITHIN 12" OF THE ENDS OF EACH WALL PANEL AND NOT MORE THAN 6'-0" O.C. OR 7/32" Φ SHOT PINS AT 3'-0" O.C. EXCEPT AS CALLED OUT FOR SHEAR WALLS. SHOT PINS SHALL BE HILTI RR#2388 OR PHILLIPS RR#1280 OR RR#2415.
4. ALL HARDWARE USED IN THE WORK SHALL BE SIMPSON STRONG-TIE OR OTHER HARDWARE OF EQUAL CAPACITY AND HAVING ICBO APPROVAL.
5. A DOUBLE PLATE MADE OF TWO MEMBERS OF THE SAME WIDTH AS THE STUDS SHALL BE PLACED AT THE TOP OF EVERY BEARING PARTITION OR EXTERIOR WALL. SUCH DOUBLE PLATES SHALL BE LAPPED AT CORNER, AND JOINTS IN UPPER AND LOWER MEMBERS SHALL BE AT LEAST 4 FT. APART EXCEPT AT CORNERS.
6. EXTERIOR WALLS AND BEARING PARTITIONS SHALL BE FRAMED OF 2X4 STUDS AT 16" O.C. WHEN SUPPORTING LOADS FROM ROOF AND A MAXIMUM OF ONE FLOOR ABOVE.
7. EVERY WOOD STUD BEARING WALL OR BEARING PARTITION SHALL BE BRACED AT EACH END OR AS NEAR THERETO AS POSSIBLE, AND AT LEAST EVERY 25 FT. OF ITS LENGTH. THE TYPE OF BRACING SHALL MEET THE CODE REQUIREMENTS FOR THIS PURPOSE.
8. FLOOR JOISTS SHALL BE DOUBLED UNDER PARTITIONS RUNNING PARALLEL TO THE JOISTS. USE DOUBLE STUDS OR 4x4 POSTS UNDER DOUBLE JOISTS OR 4x BEAMS, UNLESS OTHERWISE CALLED FOR ON FRAMING PLANS.
9. ALL NAILING SHALL BE DONE IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE LOCAL BUILDING CODE, EXCEPT AS OTHERWISE SHOWN, AND SHALL BE DONE WITH COMMON WIRE NAILS UNLESS OTHER TYPE OF NAIL IS ALLOWED BY THE LOCAL BUILDING CODE. (SEE ALSO PLYWOOD NOTES)
10. BOLTS SHALL BE UNFINISHED BOLTS CONFORMING TO ASTM A307.
11. PLYWOOD SHALL BE INTERIOR TYPE WITH EXTERIOR GLUE CONFORMING TO PS-1-74 OF GRADE CALLED FOR BELOW, LAID WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. USE COMMON NAILS ONLY UNLESS OTHERWISE APPROVED BY THE STRUCTURAL ENGINEER & LOCAL BUILDING OFFICIAL.
    A. ROOF SHEATHING SHALL BE 5/8" T & G PLYWOOD, CDX OR BETTER, NAILED WITH 8d NAILS AT 6" O.C. AT ALL DIAPHRAGM AND WALL BOUNDARIES, CONTINUOUS PANEL EDGES ARE NOT BLOCKED; 8d NAILS 6" O.C. AT PLYWOOD PANEL EDGES AND 8d NAILS AT 10" O.C. TO INTERMEDIATE SUPPORTS. INDEX #24/0 OR BETTER.
    B. FLOOR SHEATHING SHALL BE 5/8" PLYWOOD, CDX OR BETTER, NAILED WITH 10d NAILS AT 6" O.C. AT ALL DIAPHRAGM AND WALL BOUNDARIES. CONTINUOUS PANEL EDGES ARE NOT BLOCKED, 10d NAILS AT 6" O.C. AT PLYWOOD PANEL EDGES AND 10d NAILS AT 10" O.C. TO INTERMEDIATE SUPPORTS. INDEX #32/16.
    C. PLYWOOD SHEATHING SHALL BE INSPECTED AND APPROVED BY BUILDING INSPECTOR PRIOR TO COVERING WITH FLOOR OR ROOF MATERIAL.
    D. SOLID BLOCKING AT EDGES REQUIRED FOR PLYWOOD ONLY WHERE CALLED FOR ON DRAWINGS.
    E. USE SCREW TYPE NAILS AND GLUE FOR FASTENING SHEATHING FOR ALL FLOORS.
12. PLYWOOD FOR SHEAR WALLS SHALL BE STRUCTURAL I OR CDX AS CALLED FOR ON THE DRAWINGS. ALL PLYWOOD EDGES SHALL BE BLOCKED. PLYWOOD SHALL EXTEND FROM BOTTOM OF LOWERMOST PLATE TO TOP OF TOPMOST PLATE UNLESS OTHERWISE SHOWN OR AS APPROVED BY STRUCTURAL ENGINEER.

~~WELDING~~

VOID

1. ~~ALL WELDING SHALL BE PERFORMED BY WELDERS HOLDING CURRENT CERTIFICATES FROM THE CITY OF LOS ANGELES.~~
2. ~~ALL WELDING SHALL BE PERFORMED USING THE ELECTRIC ARC PROCESS IN ACCORDANCE WITH APPLICABLE PORTIONS OF THE "CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION OF THE AMERICAN WELDING SOCIETY".~~
3. ~~CONTINUOUS INSPECTION IS REQUIRED FOR FIELD WELDING OF STRUCTURAL AND REINFORCING STEEL.~~
4. ~~ELECTRODES SHALL BE E 70 XX.~~

~~DRILLED PILES~~

VOID

1. ~~DRILLED PILES SHALL BE 24 INCH DIAMETER AT LOCATIONS SHOWN ON THE DRAWINGS. PILES SHALL PENETRATE A MINIMUM OF 10 FEET BELOW FIRM, UNDISTURBED NATURAL GRADE MEASURED FROM A POINT NEAR THE BOTTOM OF FOOTINGS~~
2. ~~PILE EXCAVATIONS SHALL BE OBSERVED BY THE FOUNDATION ENGINEER WHO SHALL POST A NOTICE AT THE SITE INDICATING THAT THE WORK HAS BEEN PERFORMED ACCORDING TO THE DRAWINGS AND TO HIS SATISFACTION.~~
3. ~~CONCRETE FOR PILES SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 2500 PSI. CONCRETE FOR PILES SHALL BE PLACED UNDER THE CONTINUOUS INSPECTION OF A DEPUTY INSPECTOR REGISTERED BY THE CITY OF LOS ANGELES.~~
4. ~~PILE EXCAVATIONS SHALL BE POURED AS SOON AS THEY ARE DRILLED AND SHALL NOT BE LEFT OVERNIGHT.~~

REVISIONS | BY

PROPOSED BUILDING FOR:
GERMAN AUTO TECHNIKA
19th STREET, SANTA MONICA

[illegible] anvers & associates

Date
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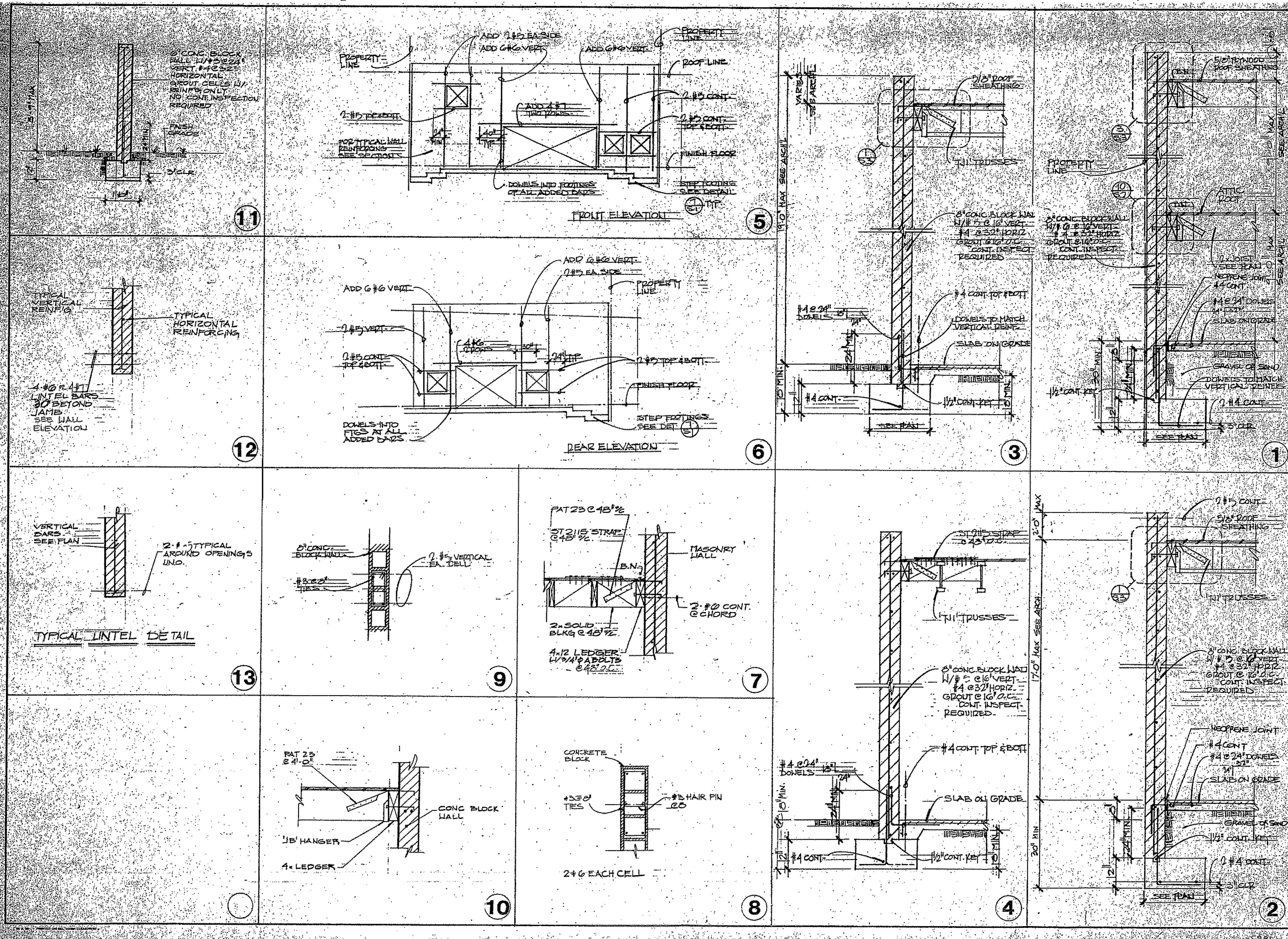
Drawn
Job
Sheet
S-1



REVISIONS | BY

PROPOSED BUILDING FOR:
GERMAN AUTO TECHNIK A. G.
19th STREET, SANTA MONICA

er. Varas & associates

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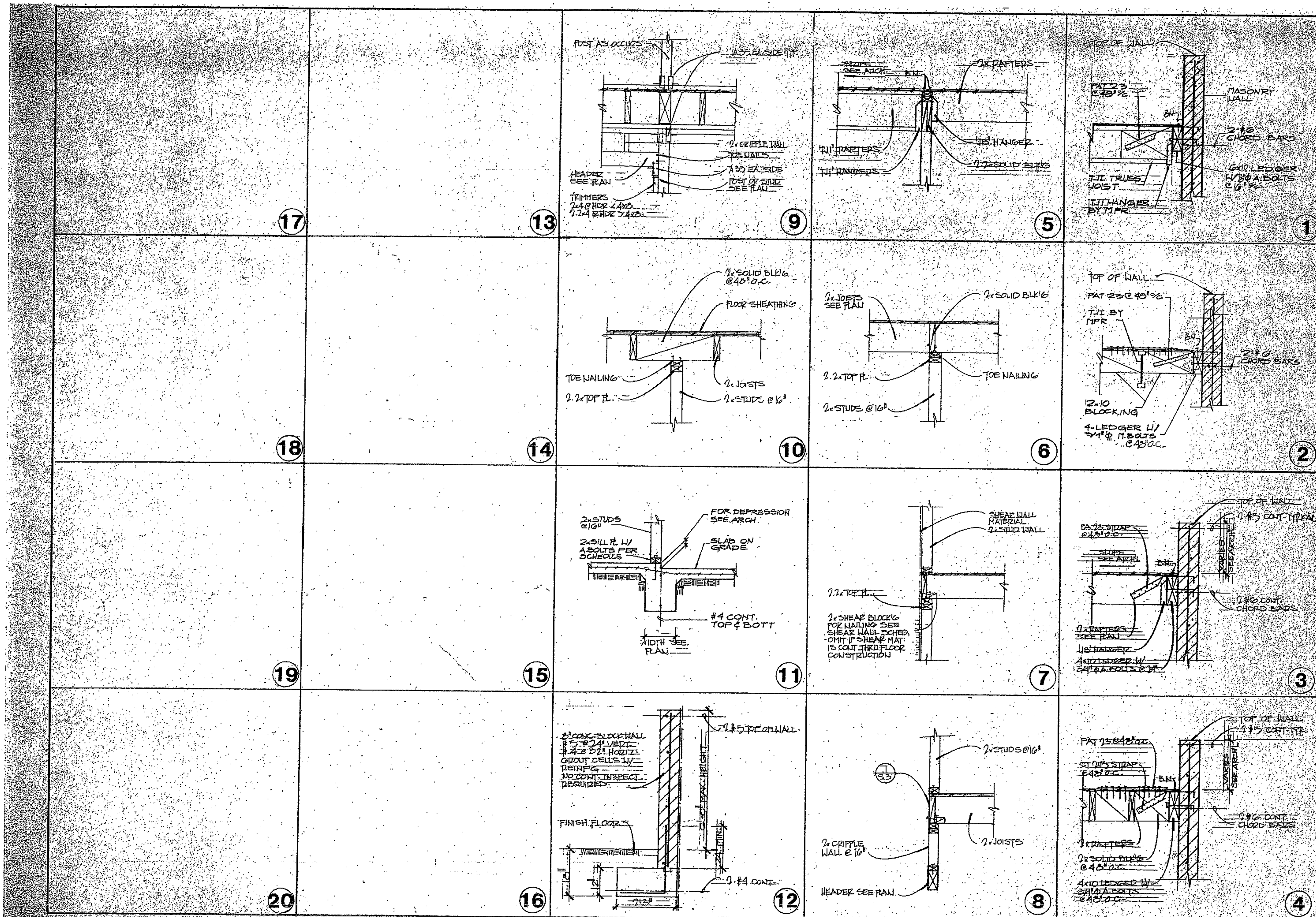

REVISIONS | BY

PROPOSED BUILDING FOR:
GERMAN AUTO TECHNIK A. G.
19th STREET, SANTA MONICA

el Varas & associates

Date 4-26-91
Scale
Drawn MFG
Job 751
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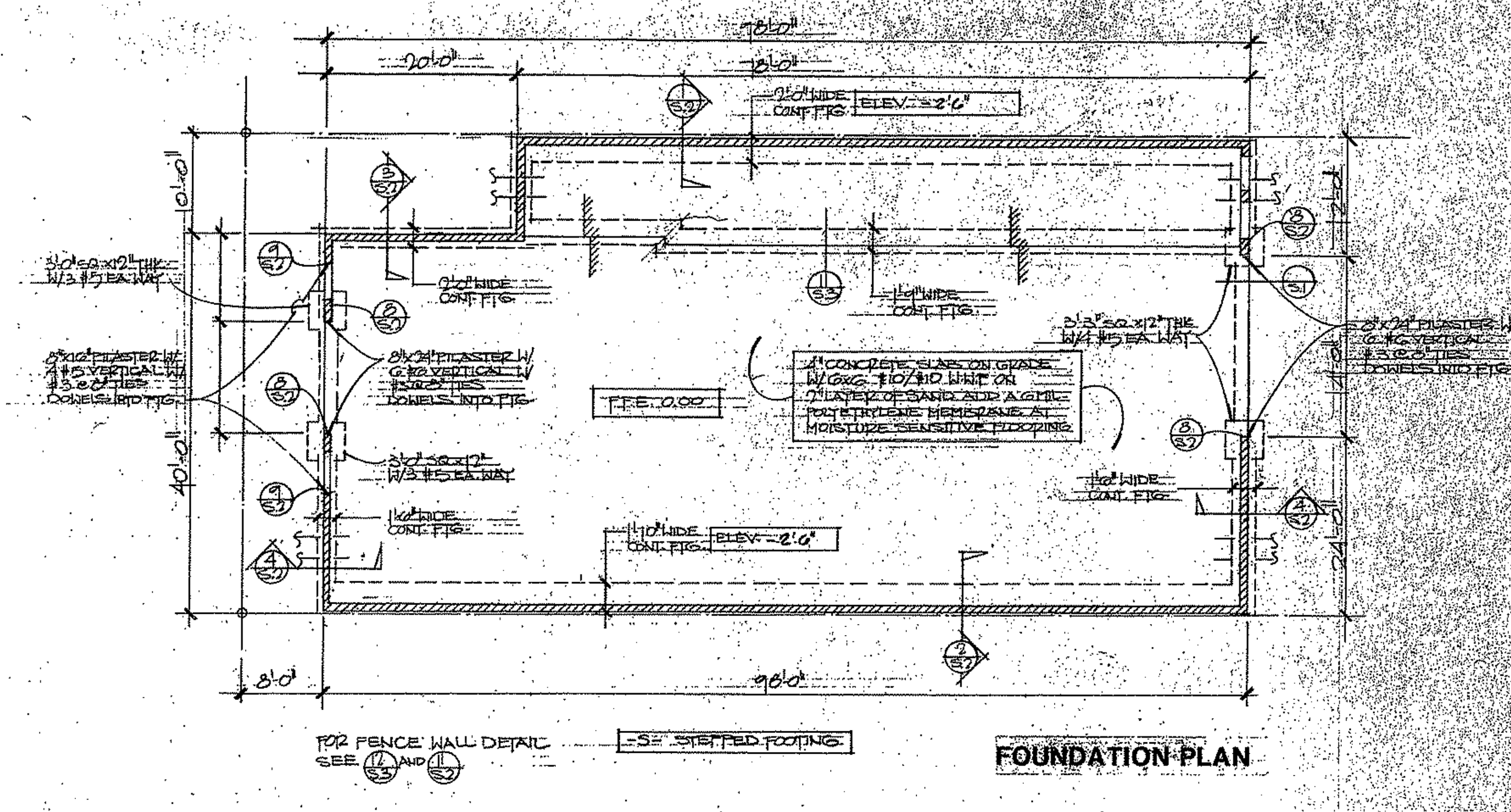
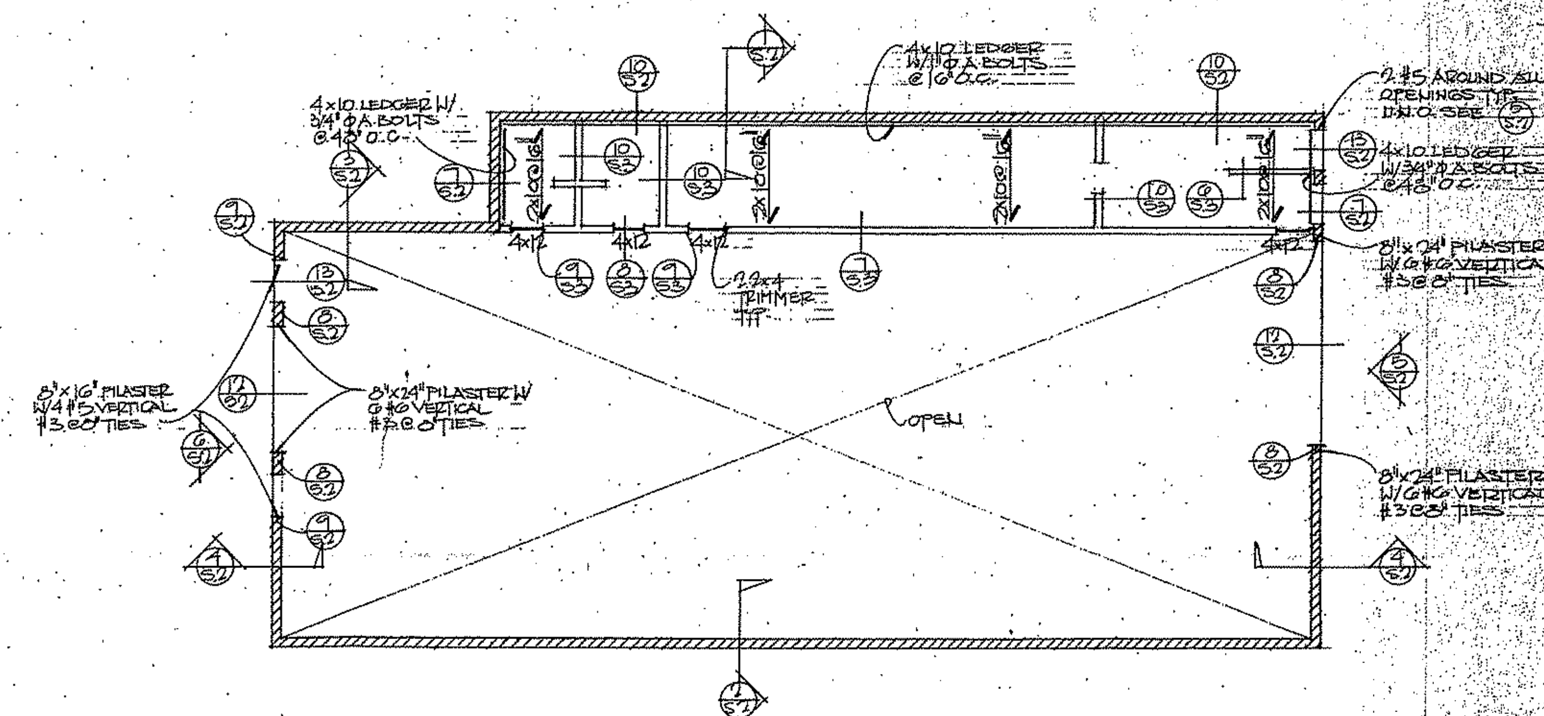


FOUNDATION PLAN

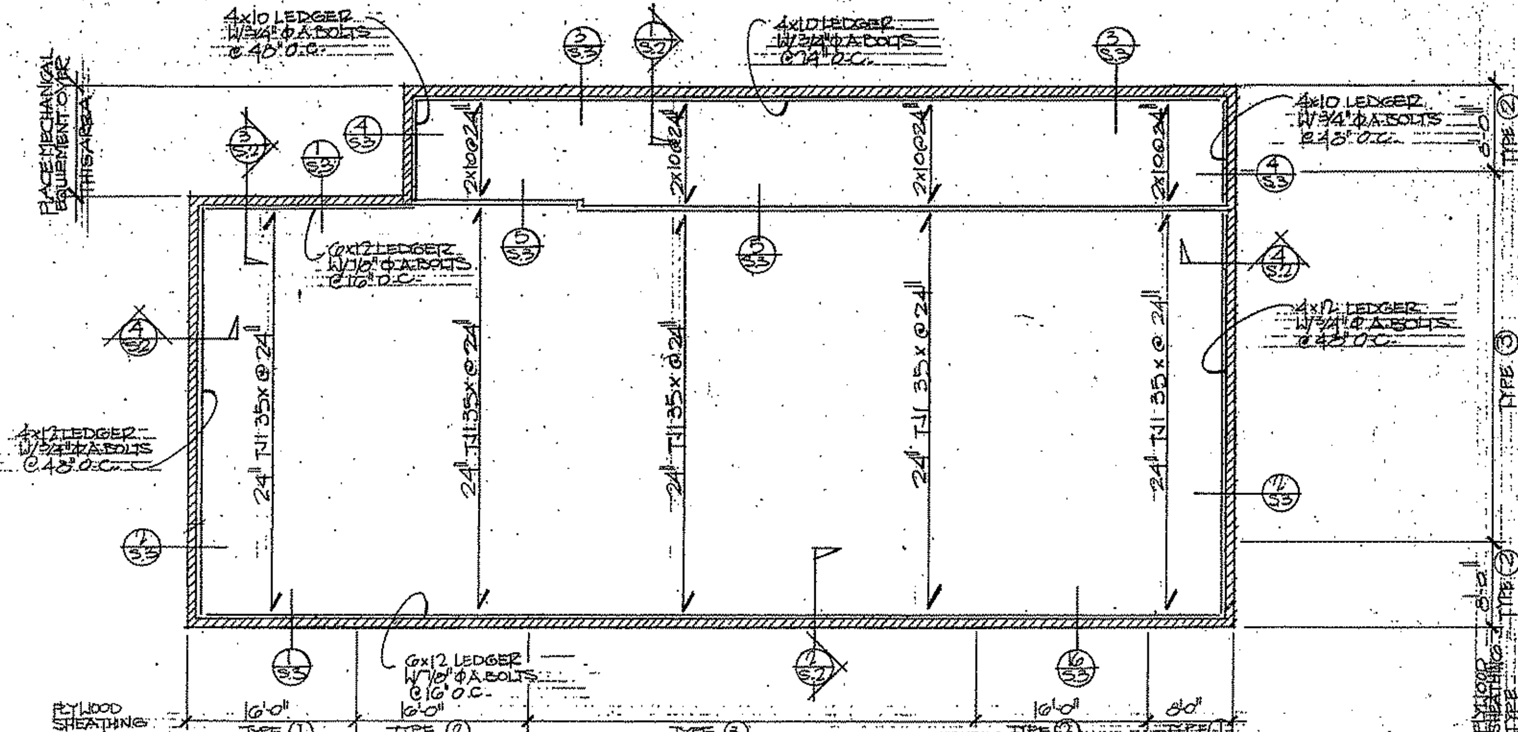


ATTIC FRAMING PLAN

REVISIONS | BY

PROPOSED BUILDING FOR:

Date 4-26-91
Scale 1/4"=1'0"
Drawn MPC
Job 751
Sheet **S-4** Of 5 Sheets



ROOF FRAMING PLAN

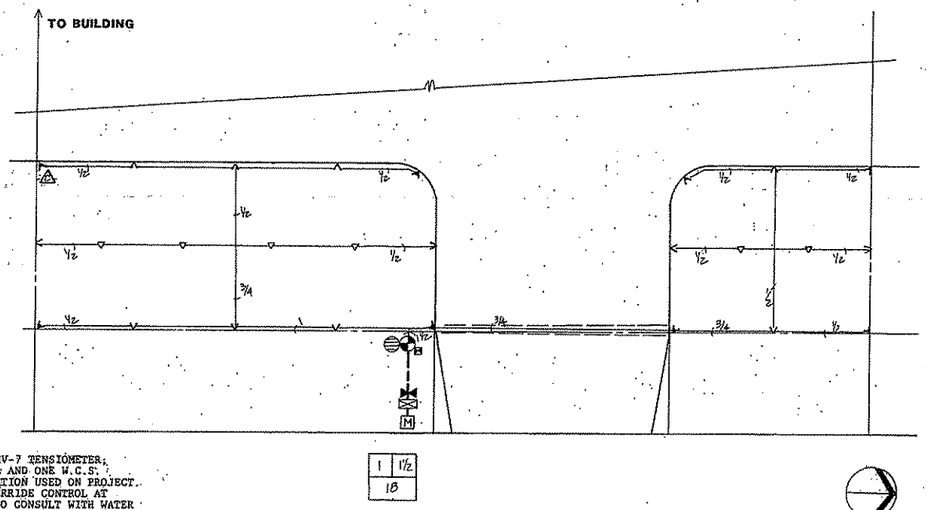
PLYWOOD DIAPHRAGM	
①	5/8" PLYWOOD CDX W/10d @ 2½", 4", 10" BLK'D
②	5/8" PLYWOOD CDX W/10d @ 4", 6", 10" BLK'D
③	5/8" PLYWOOD CDX W/10d @ 6", 6", 10" UNBLK'D

REVISIONS | BY

PROPOSED BUILDING FOR:
GERMAN AUTO TECHNIK A. G.
19th STREET, SANTA MONICA

elVaras&associates

Date 4·26·91
Scale 1/4" = 1'-0"
Drawn MPC
Job 751
Sheet **S-5**
Of 5 Sheets



1	1½
18	

CONTRACTOR TO INSTALL ONE W.C.S. #HV-7 TENSIOMETER, ONE W.C.S. #CO5-HV OVERRIDE CONTROL AND ONE W.C.S. 910 ROUND PALSTIC BOX FOR EVERY STATION USED ON PROJECT. ALSO INSTALL ONE W.C.S. CENTRAL OVERRIDE CONTROL AT AUTOMATIC CONTROLLER. CONTRACTOR TO CONSULT WITH WATER CONSERVATION SYSTEMS INC., PHONE (714) 621-5805 FOR INFORMATION ON TYPE OF EQUIPMENT TO BE USED AND PROPER PLACEMENT THEREOF. IT IS OF UTMOST IMPORTANCE THAT TENSIOMETERS ARE MATCHED WITH EXISTING TYPE OF SOIL.

19TH STREET

IRRIGATION LEGEND

SYMBOL 1/4 1/2 T	MANUFACTURER	MODEL NUMBER	DESCRIPTION	GALLONS PER MINUTE 1/4	1/2	FULL RADIUS	PSI
V V V	RAINBIRD	1812	POP-UP SPRINKLER W/8 FLAT SERIES NOZZLE	.35	.65	1.30	6 20
		PVB-150	PRESSURE VACUUM BREAKER/BACKFLOW PREVENTER - INSTALL PER LOCAL CODE.				
		100-EPA-CP	ELECTRIC REMOTE CONTROL VALVE				
		125-EPA-CP	ELECTRIC REMOTE CONTROL VALVE				
		150-EPA-CP	ELECTRIC REMOTE CONTROL VALVE				
		3RC	QUICK COUPLER				
		33K	AND HOSE KEY				
		RCM-4	PEDISTAL MOUNT CONTROLLER - CONTRACTOR TO VERIFY EXACT LOCATION IN FIELD				
	FEBCO		GATE VALVE - SIZE PER LINE				
		CLASS 315	CHARGED IRRIGATION LINE				
		CLASS 200	LATERAL IRRIGATION LINE - SIZE AS INDICATED				
		SCHED. 40	IRRIGATION SLEEVE - 2X'S LATERAL OR CHARGED LINE WITHIN				
	W.C.S.	HV-7	POC POINT OF CONNECTION - CONTRACTOR TO VERIFY IN FIELD SOUP State Tensiometer (ONE PER CONTROLLER STATION)				

VALVE NUMBER
VALVE SIZE
GALLONS PER MINUTE

IRRIGATION NOTES

DO NOT WILLFULLY INSTALL THE SYSTEM AS DESIGNED, WHEN IT IS OBVIOUS THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT WERE NOT KNOWN DURING DESIGNING. SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS AUTHORIZED REPRESENTATIVE, OTHERWISE, THE IRRIGATION CONTRACTOR MUST ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.

THIS DESIGN IS DIAGRAMATIC, EQUIPMENT SHOWN IN PAVED AREAS IS FOR CLARIFICATION ONLY, AND IS TO BE INSTALLED IN PLANTING AREA WHEREVER POSSIBLE.

UNLESS OTHERWISE NOTED, 120 VOLT ELECTRICAL POWER FOR CONTROLLER(S) TO BE PROVIDED BY OTHER, THE IRRIGATION CONTRACTOR WILL MAKE FINAL ELECTRICAL CONNECTION TO AUTOMATIC CONTROLLER(S) FROM OUTLET PROVIDED BY OTHER.

ALL WIRES FROM CONTROLLER TO AUTOMATIC VALVES TO BE COPPER, DIRECT BURIAL, MIN. #14 GAUGE. INSTALL IN SAME TRENCH AS MAINLINE PIPING WHERE POSSIBLE. MIN. COVERAGE OVER WIRE TO BE 18". COMMON WIRE TO BE WHITE IN COLOR. CONTROL WIRE TO BE DIFFERENT COLOR FOR EACH CONTROLLER USED. BUNDLE AND TAPE WIRES TOGETHER MIN. 20' ON CENTER.

FINAL LOCATION FOR BACKFLOW PREVENTER(S) AND CONTROLLER(S) TO BE DETERMINED BY OWNERS AUTHORIZED REPRESENTATIVE.

INSTALL EQUIPMENT AS PER DETAILS.

PROVIDE MIN. 18" COVERAGE OVER ALL PRESSURE LINES, AND MIN. 12" COVERAGE OVER ALL NON-PRESSURE LINES. ALL PIPING UNDER PAVING TO BE MIN. SCHEDULE 40 P.V.C. AND TO HAVE MIN. 24" COVER OVER PIPING.

IRRIGATION CONTRACTOR TO FLUSH ALL LINES AND ADJUST ALL HEADS FOR MAXIMUM PERFORMANCE, AND TO PREVENT EXCESSIVE OVERSPRAY ONTO WALKS, DRIVES, BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE SELECTING THE BEST DEGREE OF ARC TO FIT ACTUAL SITE CONDITIONS.

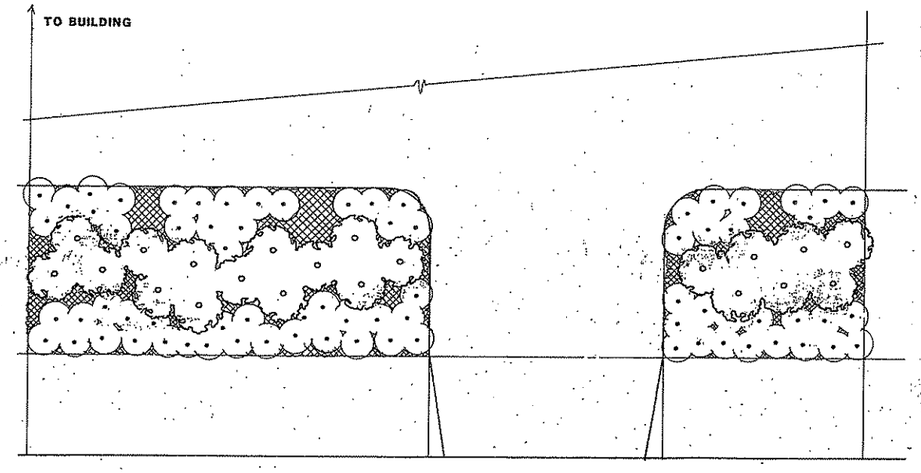
ALL SHRUBBERY HEADS ADJACENT TO PARKING LOT OR ALONG WALKS OR ROADS WILL BE INSTALLED WITH HIGH POP-UP BODIES.

IRRIGATION CONTRACTOR WILL INSTALL SWING CHECK VALVES OR SPRING LOADED CHECK VALVES AS REQUIRED TO ELIMINATE EXCESSIVE DRAINAGE FROM LOW SPRINKLERS. THIS WILL BE IN ADDITION TO ANY CHECK VALVES SHOWN ON PLAN.

ALL P.V.C. MAINLINE FITTINGS TO BE "LONG SOCKET" TYPE AS MANUFACTURED BY DURA COMPANY.

UPON COMPLETION, IRRIGATION CONTRACTOR TO SUPPLY TO OWNER, A COMPLETE SET OF REPRODUCIBLE "AS BUILT" DRAWINGS. DRAWINGS WILL SHOW LOCATION OF ALL VALVES, CROSSING, QUICK COUPLING VALVES, ETC. EACH CONTROLLER TO HAVE ITS OWN CONTROLLER CHART, CHART WILL CLEARLY SHOW EACH AREA SPRINKLED IN A DIFFERENT COLOR AND WILL BE LAMINATED BETWEEN 2 LAYERS OF 10 MIL CLEAR PLASTIC.

THE IRRIGATION SYSTEM SHALL BE FULLY GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER. ANY DEFECTIVE MATERIALS OR POOR WORKMANSHIP SHALL BE REPLACED OR CORRECTED BY IRRIGATION CONTRACTOR AT NO COST TO THE OWNER.



19TH STREET

PLANT LEGEND *PLANT QUANTITIES ARE FOR CONTRACTORS CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL PLANT COUNTS.

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COMMENTS
	SHRUBS				
	HEMEROCALLIS HYBRID 'YELLOW'	DAYLILY	74	1 GAL	
	RAPHIOLEPIS INDICA 'PINK LADY'	INDIA HAWTHORN	21	5 GAL	
	GROUNDCOVER				
	GAZANIA 'MITSUWA YELLOW'	TRAILING GAZANIA	TO COVER 360SF	FLATS	12" O.C.△ SP.

ALL LANDSCAPE AND IRRIGATION INSTALLATION SHALL CONFORM TO CITY OF SANTA MONICA MUNICIPAL CODES REGARDING WATER CONSERVATION.

1. AUTOMATIC CONTROLLERS WILL BE PROGRAMMED TO WATER BETWEEN 5:00pm and 10:00 am.
2. ALL LANDSCAPED AREAS SHALL BE PERMANENTLY MAINTAINED AND KEPT FREE OF WEEDS, DEBRIS AND LITTER. ALL PLANT MATERIALS SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION AND DISEASED OR DEAD PLANT MATERIALS SHALL BE REPLACED, IN KIND, PURSUANT TO THE APPROVED PLAN WITHIN 30 DAYS.
3. IF, AT THE TIME OF APPLICATION FOR CERTIFICATE OF OCCUPANCY OR FINAL BUILDERS PERMIT INSPECTION, THE REQUIRED LANDSCAPING IS NOT YET IN PLACE, THE OWNER SHALL FILE WITH THE CITY A DEFERRAL COMPLETION AGREEMENT SECURED IN A MANNER ACCEPTABLE TO THE CITY IN THE SUM OF FOUR DALLARS ($4.00) PER SQUARE FOOT OF REQUIRED LANDSCAPING NOT YET IN PLACE TO ENSURE THAT SUCH REQUIRED LANDSCAPING SHALL BE INSTALLED.

SPECIFICATIONS

1. THE CONTRACTOR SHALL ESTABLISH NECESSARY PRECAUTIONS TO PREVENT INJURY TO PROPERTY, UTILITIES, PERSONS, AND THE LIKE ON OR ABOUT THE SITE DURING THE COURSE OF HIS OPERATION.
2. THE LOCATION OF ALL UNDERGROUND SERVICES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF PLANTING OPERATIONS.
3. ALL WORKMANSHIP SHALL BE ACCOMPLISHED IN A MANNER SERVING THE HIGHEST STANDARDS OF THE NURSERY AND LANDSCAPE CONTRACTING TRADE.
4. NO WORK SHALL BE ACCOMPLISHED THAT DOES NOT SERVE THE BEST INTEREST OF THE OWNER.
5. ALL FURNISHED PLANTS AND TREES SHALL MEET A MINIMUM CALIF. #1 GRADE PER "GRADES AND STANDARDS FOR NURSERY STOCK", PARTS I & II, CALIFORNIA DEPARTMENT OF AGRICULTURE.
6. ALL SHADE TREES SHALL BE APPROPRIATELY GUIED AND STAKED AGAINST WIND MOVEMENT.
7. GROUND COVER PLANTING SHALL BE CONTINUOUS UNDER ALL TREE AND SHRUB MASSES AS SHOWN ON PLAN.
8. ALL PLANTING BEDS TO RECEIVE 2" DEPTH OF BARK MULCH.
9. ALL FREE STANDING TREES SHALL BE SET IN AN 8' HIGH, 4' DIAMETER MULCHED WATER RETENTION DISH.
10. ALL FURNISHED PLANT MATERIALS AND SOD SHALL BE GUARANTEED AGAINST DETERIORATION OR LOSS FOR A PERIOD OF 90 CALENDAR DAYS FROM THE DATE OF COMPLETION AND ACCEPTANCE FOR REASONS OTHER THAN THOSE BEYOND HIS CONTROL.
11. ALL GIVEN QUANTITIES SHALL BE VERIFIED BY THE CONTRACTOR PURSUANT TO SUBMISSION OF BID.
12. EXISTING AND PROPOSED SITE CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PURSUANT TO SUBMISSION OF BID.
13. ANY AND ALL CONTINGENCIES SHALL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR FOR RESOLUTION.
14. ADDITIONAL TERMS AND CONDITIONS SHALL BE PROVIDED FOR IN THE LANDSCAPE CONTRACT AGREEMENT.
15. SUBSTITUTIONS SHALL NOT BE ALLOWED. RECOMMENDATIONS MAY BE FORWARDED TO THE GENERAL CONTRACTOR FOR CONSIDERATION FOR REASONS OF AVAILABILITY OR SITE CONDITIONS.
16. THE GENERAL CONTRACTOR SHALL DEFINE THE LANDSCAPE CONTRACTOR'S GRADING RESPONSIBILITIES.
17. THE LANDSCAPE CONTRACTOR SHALL PROVIDE UNIT SQ.FT. COSTS FOR NECESSARY SOD PATCHING NOT SPECIFICALLY DEFINED HEREIN.
18. TWO (2) COPIES OF SOILS TESTS PERFORMED BY AN APPROVED AGRONOMIC SOILS TESTING LABORATORY SHALL BE SUBMITTED WITH PLANS. RECOMMENDED AMENDMENTS TO SOIL AS REQUIRED FOR OPTIMUM PLANT GROWTH SHALL BE INDICATED.

REVISIONS	BY

SANTA MONICA AUTO REPAIR

IRRIGATION & PLANTING PLAN

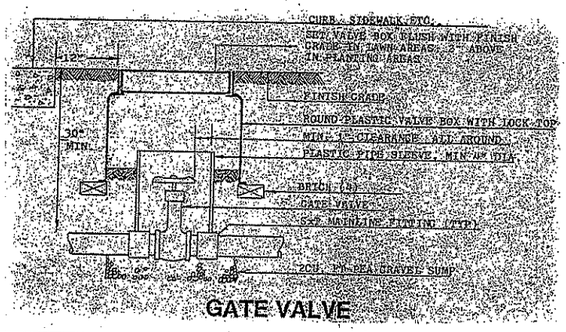
3322 Cannes Drive, Suite #20
Newport Beach, CA 92660

Lynn Capouya Inc.
Landscape Architect

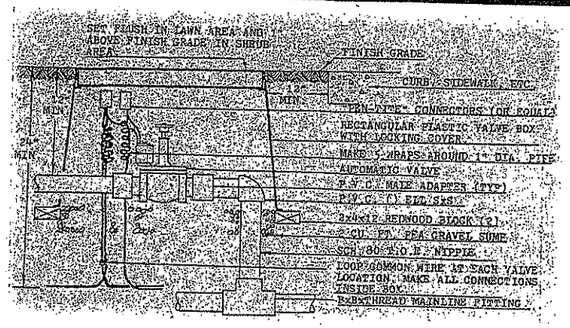
Lynn Capouya
Calif. License # 2314

(714) 755-0150

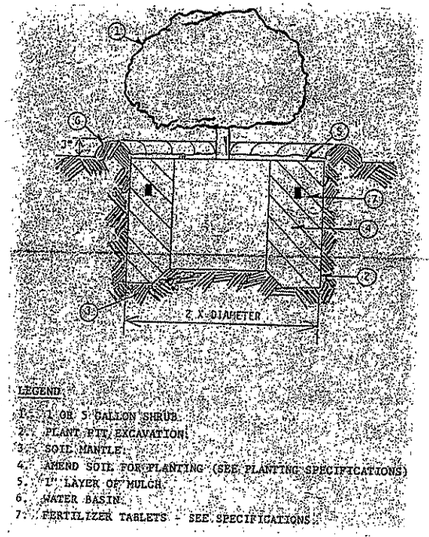
DRAWN	K.V.
CHECKED	
DATE	
SCALE	1/4"= 1'-0"
JOB NO.	
SHEET	L-1
OF	SHEETS



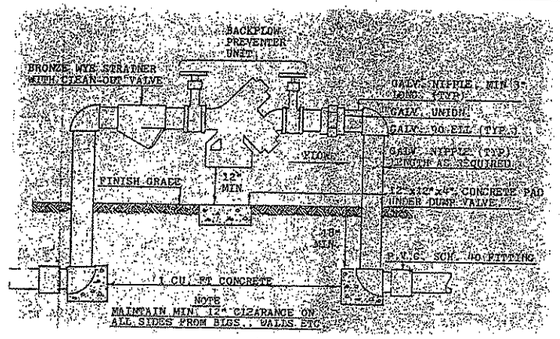
GATE VALVE



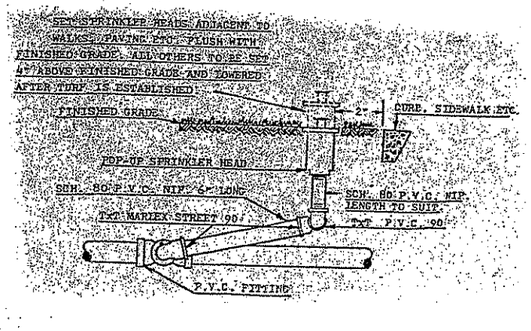
AUTOMATIC VALVE



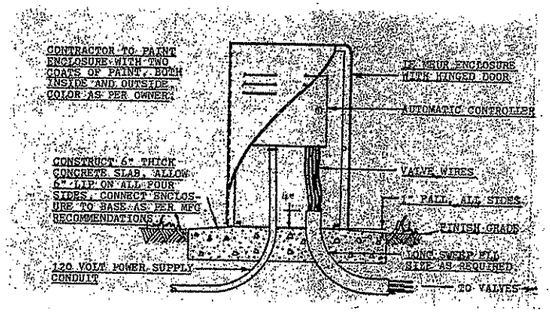
SHRUB PLANTING



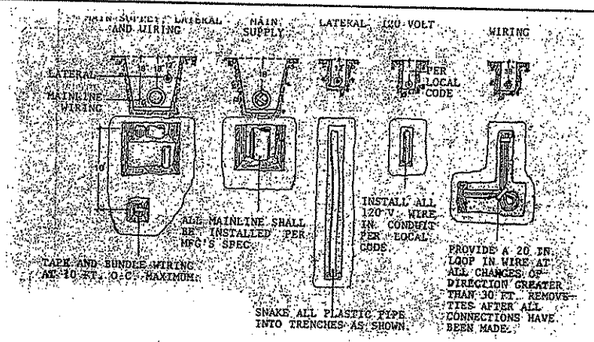
RP BACKFLOW PREVENTER



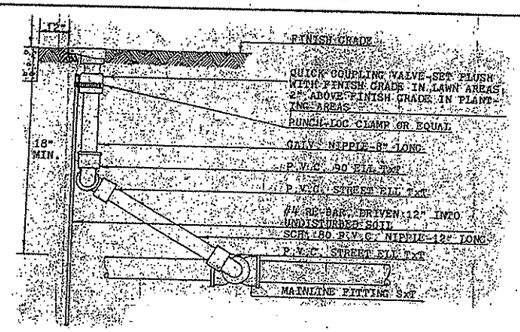
POP-UP SHRUB SPRAY



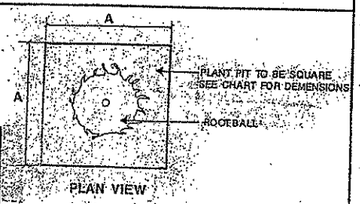
CONTROLLER



TRENCHING



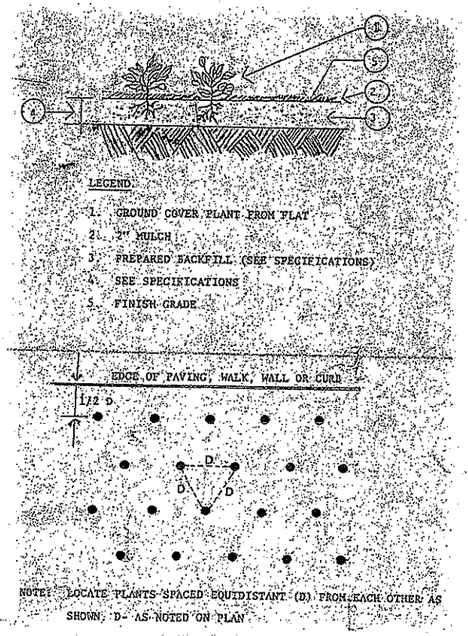
QUICK COUPLER VALVE



PLAN VIEW

CONTAINER SIZE	A WIDTH	D DEPTH
1 GALLON	12"	12"
2 GALLON	18"	14"
3 GALLON	24"	18"
5 GALLON	26"	22"
15 GALLON	36"	24"
18" BOX	42"	24"
24" BOX	48"	28"
30" BOX	54"	32"
36" BOX	60"	44"

PLANT PIT DIMENSIONS



GROUNDCOVER PLANTING

REVISIONS	BY

SANTA MONICA AUTO REPAIR

IRRIGATION & PLANTING DETAILS

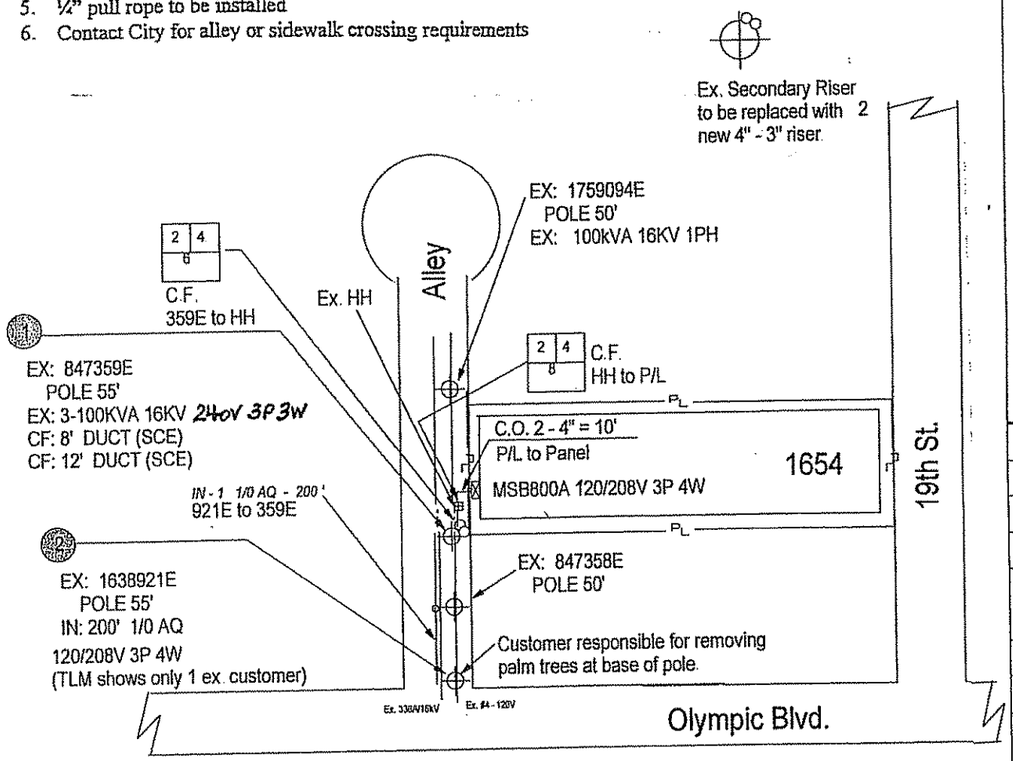
3822 Campus Drive, Suite 120
Newport Beach, CA 92660
Lynn Capouya Inc.
Landscape Architect
Lynn Capouya
Calif. License #2314
(714) 756-0150

DRAWN	
CHECKED	
DATE	
SCALE	
JOB NO.	
SHEET	L-2
OF SHEETS	

GENERAL REQUIREMENTS

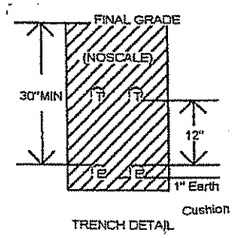
1. Edison and City to inspect all conduits (need 48 hour notice)
2. 30" Minimum cover over conduits
3. SCH 40 PVC on straight runs
4. SCH 80 PVC on sweeps
5. ½" pull rope to be installed
6. Contact City for alley or sidewalk crossing requirements

Where conduits are picked up, contractor to mandrel and install pull rope from terminal to terminal.



SOUTHERN CALIFORNIA EDISON
An EDISON INTERNATIONAL Company

THIS PLAN APPROVED AS TO LOCATION AND TYPE OF ELECTRIC SUBSTRUCTURES		
Dwg./Rev	Developer's Signature	Date
Original		
Rev. 1		
Rev. 2		
Rev 3		
CHANGES IN THESE PLANS WILL REQUIRE AN ADDITIONAL 4 TO 6 WEEKS		



TRENCH DETAIL

Not to Scale

GENERAL REQUIREMENTS

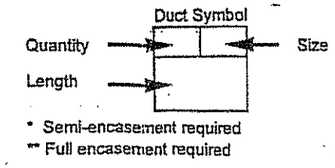
MINIMUM HIGH VOLTAGE SERVICE CONDUIT SIZE:
3" -4 KV, 4" -12 KV & 16 KV
MINIMUM RADIUS CONDUIT BENDS:
RISERS - 3 FT. FOR 3" - 4 FT. FOR 4" & 5". 5 FT. FOR 6" & LARGER
HORIZONTAL -12½ FT. IN MAIN LINE RUNS - 3 FT. IN SERVICE LATERALS.
ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH LOCAL BUILDING ORDINANCES AND CALIFORNIA ADMINISTRATIVE CODE - TITLE 24 BUILDING STANDARDS - PART 3
A PERMANENT ACCESS ROUTE TO ALL TRANSFORMERS AND 16 FT. MIN. VERTICAL CLEARANCE ABOVE TRANSFORMERS IS REQUIRED TO PERMIT TRANSPORTATION AND UNLOADING OF EQUIPMENT.
CUSTOMER TO PICK UP EDISON FURNISHED GROUNDING MATERIAL AT N/A SERVICE CENTER.
SCE INSPECTION IS REQUIRED. NOTIFY DIVISION UNDERGROUND PLANNER BRENT KOBLE (310) 315-3259 48 HOURS IN ADVANCE OF BEGINNING CONSTRUCTION TO ARRANGE FOR INSPECTION OR TO OBTAIN PRINTS OF "UGS" STANDARD DRAWINGS.

MATERIAL REQUIREMENTS

QUAN.	SYMBOL	DESCRIPTION
	◉	HIGH VOLTAGE SERVICE CONDUIT.
20'	◎	LOW VOLTAGE CONDUIT TO SWITCHBOARD. 2-4"
	⊣⊢	GROUNDING ROD (FURNISHED BY EDISON ☐) (FURNISHED BY CUSTOMER ☐)
	▦	PULL BOX ____ DWG. ____ ITEM
	▦	PAD-48" X 54" ____ 72" X 66" ____ 94" X 72" US-170. UGS-500
	▦	SLAB BOX –6' X 8' ____ 8' X 10' ____ US-180, UGS-530
	▦	SUBSURFACE ENCLOSURE ____ UGS-560, 562, 564 or 566
1	⊞	HANDHOLE, ____ DWG. ____ UGS-200. EX. HH.
	▲	BURD SWITCH (PLASTIC-36" DIA. US-165 ☐) ENCLOSURE (CONCRETE-36" DIA. US-160 ☐)
	△	BURD TRANSFORMER (PLASTIC-42" DIA. US-150 ☐) ENCLOSURE (CONCRETE-36" DIA. US-140 ☐, 42" DIA. US-145 ☐)
1	⊠	120/208V 3Ø 4W PANEL

CONSTRUCTION REQUIREMENTS

CHECK	DESCRIPTION
✓	UPPER END OF RISER TO PROJECT 3" INCHES ABOVE FLOOR PER UGS-170.
✓	RISER CONDUIT AT POLE SHALL CONFORM TO UGS-160, 161, 162 OR 163; CR-120 FOR CIC. REFER TO UGS-702 FOR GROUNDING METAL RISERS.
✓	UNDERGROUND SERVICE CONDUCTORS FROM AN OVERHEAD SOURCE SHALL EXTEND A MINIMUM OF ____ FEET FROM EACH CONDUIT ENTERING A VAULT OR ENCLOSURE. EDISON INSTALLS UNDERGROUND SERVICE CONDUCTORS FROM AN UNDERGROUND SOURCE.
✓	STANDARD CONDUIT ENTRANCE PER UGS-130.
	ALL PRECAST PADS AND BOXES TO BE PLACED ON 6" OF COMPACTED CRUSHED ROCK (¾" MIN. - 1½" MAX.)
	IN ALL CASES THERE SHALL BE A 3 FT. CLEARANCE BETWEEN PADMOUNT TRANSFORMER AND ANY COMBUSTIBLE WALL; 8 FT. CLEARANCE REQUIRED FROM DOOR SIDE OF PADMOUNT TRANSFORMER; 12" MIN. CLEARANCE REQUIRED BETWEEN TRANSFORMER PAD AND ANY UNDERGROUND OBSTRUCTION.
✓	CUSTOMER SHALL PROVIDE ADEQUATE PROTECTION FROM VEHICULAR DAMAGE. DWG. UGS-830.
✓	CUSTOMER SHALL PROVIDE A TRENCH 36" DEEP AND 18" INCHES WIDE. CUSTOMER SHALL ALSO PROVIDE BACKFILL PER EDISON STANDARDS.
	CUSTOMER SHALL PROVIDE 3" CONCRETE PROTECTION UGS-120.
✓	CONDUIT TO BE INSTALLED PER S.C.E. CO ELECTRICAL SERVICE REQ. PAGES 218, 219, 242, 243 AND UGS-110 & 100 1
	ALL STRUCTURES SHALL MEET REQUIREMENTS OF EDISON ELECT. SERV. REQMENTS. & UNDG. STRUCTURES BOOK (UGS). CONCRETE FLOORED STRUCTURES TO BE WATER TIGHT.



PLAN SHOWING PROPOSED ELECTRIC UNDERGROUND LAYOUT FOR CUSTOMER INSTALLATION

UNDERGROUND SERVICE ALERT
1-800-422-4133
Call USA/SC
For Underground Locating
2 Working Days Before You Dig

SAP TD# 363285 INVENTORY 61-59C
DWO 6642-2265 MAP PAGE NO. 671 G-1
HIGH VOLTAGE: 16 KV MADISON LOW VOLTAGE: 120/208V
LOCATION: SANTA MONICA DISTRICT

FOR: SANTA MONICA T.V. STUDIO (CITY)
ADDRESS: 1654 - 19th Street
SANTA MONICA, CA 90404

SOUTHERN CALIFORNIA EDISON COMPANY | DRAWN BY WINGO | APPROVED BY | DATE 8-7-09 LAST REVISION | J.I. NO. 9-2058

Fire Hydrant Flow Test Request Form

City of Santa Monica

Civil Engineering & Architecture Division
1685 Main St. Room 113,
Santa Monica, CA 90401
Phone: (310) 458-8721 extension 5649
FAX: (310) 575-3596

Date Requested: 06-24-09 2:08 PM

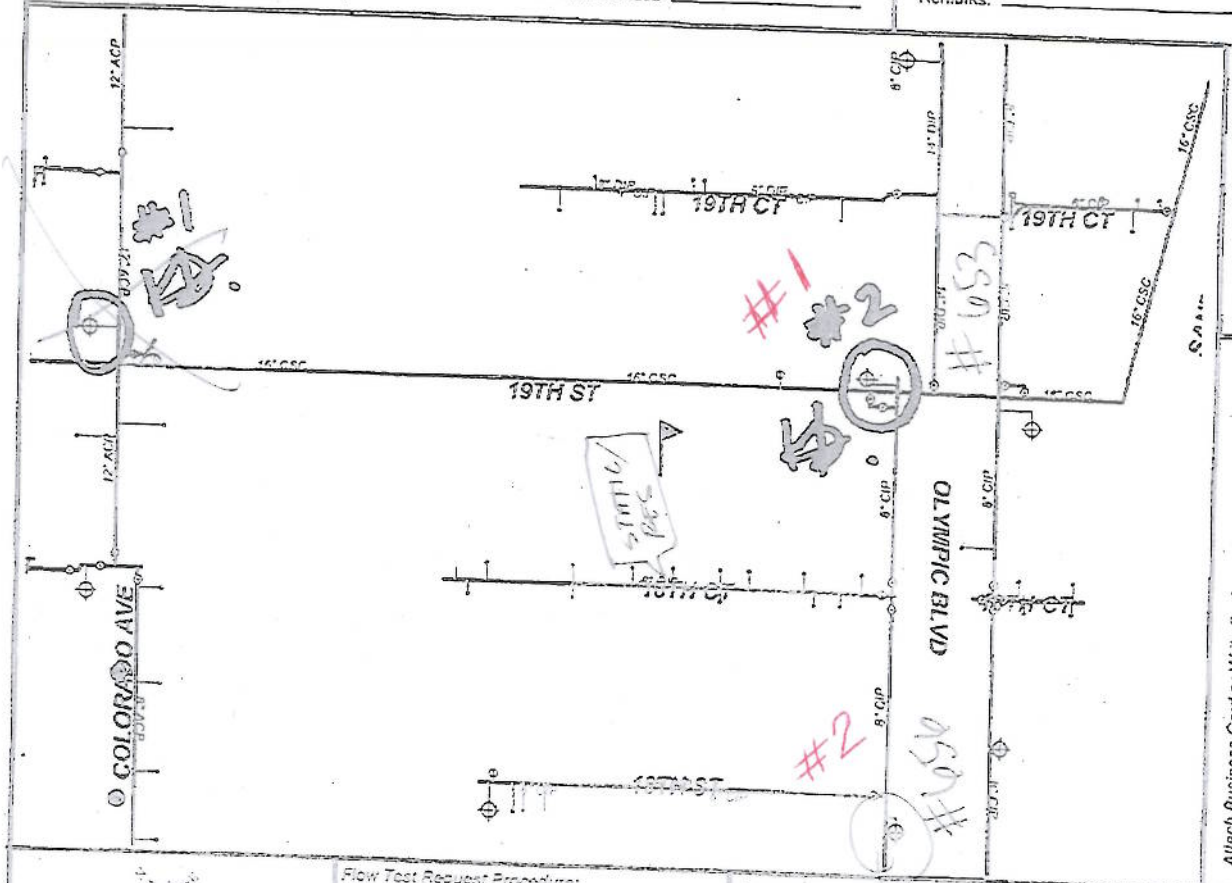
EPWM Contact: Carlos Rosales

Date of Test: 9-1-09 Test No. 568

Test Location: 1654 19th Street

Witnessed By: Ruben De La Cruz

Remarks:



Legend

⊕	Fire Hydrant
⊙	Water Valve
•	Water Meter
ACP	Asbestos Cement Pipe
CIP	Cast Iron Pipe
CIP-CL	Cast Iron Pipe-Cement Lined
DIP	Ductile Iron Pipe
SS	Stainless Steel

Attach Business Card or Write Business Address Here:

Karen Dormerchie
City of Santa Monica
Architeture Team
ext. 2619

0 100 200 300 Feet

Flow Test Request Procedure:

Please circle and initial the fire hydrants you wish to have flow tested. Return this request form by mail or in person along with two (2) business cards and a check in the amount of $457.85 payable to the City of Santa Monica to the above address. Please allow two (2) weeks for test results to be returned.

FH No.	Size Outlet	Pitot Press.	Flow (gpm)
1	4"	30	2353
2	4"	22	2015

Static Press: 90

Residual Press: 68

Total FH Flow: 4368

CITY TV TENANT IMPROVEMENTS
EXHIBIT "E"

SCA

ENVIRONMENTAL, INC.

Engineering and Environmental Consultants

Revised: August 26, 2010
May 24, 2010

Ms. Karen Domerchie, Civil Engineering Associate
City of Santa Monica, Architecture Services Section
1437 4th Street, Suite 300
Santa Monica, CA 90401

karen.domerchie@smgov.net

RE: Limited Bulk Asbestos and Lead Sampling
Former Auto Body Shop
1654 19th Street, Santa Monica, CA 90404
SCA Project No.: N-9871

Dear Ms. Domerchie:

Per your request, SCA performed a pre-renovation hazardous materials survey of a former Auto Body Shop at the above-referenced address, which is slated for conversion to a television studio. Ms. Lori Kennington, a Cal/OSHA Certified Asbestos Consultant and CDPH Lead Project Monitor, collected the bulk asbestos and lead samples on May 13, 2010.

Asbestos

The bulk asbestos samples were analyzed by EMS Laboratories in Pasadena, CA, an NVLAP-accredited laboratory, by polarized light microscopy (PLM), EPA Method 600/R-93/116.

SCA collected bulk asbestos samples of suspect Asbestos Containing Materials (ACM) that may potentially be impacted by the renovations. SCA's asbestos sampling results are presented in the table below.

Former Auto Body Shop - 1654 19th Street, Santa Monica
Asbestos Bulk Sample Analytical Results: 5/13/10

Location	Material Description	SCA Sample ID	Sample Results	Quantity of Material
Roof	**Black/gray tar-like roof penetration mastic associated with pipes and vents.**	**PENMAS-01-01, -02, -03**	**7% CH**	**10 SF**
	Black/gray built-up rolled roofing with tar/felt layer.	RFROLL-02-01, -02, -03	ND	N/A
Office Areas	Gypsum wall and ceiling board and associated joint compound.	WLSH-03-01, -02, -03, -04, -05	ND	N/A
	Non-suspect yellow carpet mastic.	CARMAS-NNN	---	N/A
Warehouse	**White putty-like door caulking associated with west Warehouse door.**	**CAULK-04-01**	**1-2% CH**	**< 1 SF**
	Black rubber door caulking at east Warehouse door threshold.	CAULK-NNN	---	N/A
Restrooms	Grout associated with ceramic wall tiles.	GROUT-05-01, -02, -03	ND	325 SF

CH denotes Chrysotile asbestos detected in sample; ND denotes sample is "non-detect" for asbestos; SF denotes "square feet"; and N/A denotes "not applicable".

Prior to any renovations affecting the ACM, the National Emission Standard for Hazardous Air Pollutants (NESHAP) mandated by the Environmental Protection Agency (EPA) and locally enforced by the South Coast Air Quality Management District (SCAQMD) require that all buildings be inspected for asbestos-containing materials, and materials subject to damage or which will be made friable, be removed.

Federal Occupational Safety and Health Administration (OSHA) regulations, locally enforced by Cal/OSHA, define ACM as substances that contain greater than 1% asbestos. Cal/OSHA also mandates special training, medical exams, personal protective equipment and record keeping for employees working with ACM.

Asbestos was identified in both the white door caulking around the west Warehouse door and black roof penetration mastic.

Lead

A total of three (3) bulk lead samples of paints and ceramic tiles were also collected by SCA within the Warehouse. These samples were analyzed for lead content in accordance with NIOSH method 7420, using flame atomic absorption. They were analyzed by EMS Laboratories, in Pasadena, CA. The HUD guideline level for lead in paints is 5,000 parts per million (ppm) of lead, and the current Consumer Products Safety Commission (CPSC) standard for lead in paints is 90 ppm.

Please note that although lead-based paints (LBP) defined against the HUD Standard, Cal/OSHA's Construction Lead Standard, 8 CCR 1532.1, applies to all paints with any measured lead content, requiring dust control measures to reduce airborne and ingestion lead dust hazards. SCA's bulk lead sampling results are presented in the table below.

Former Auto Body Shop - 1654 19th Street, Santa Monica
Lead Bulk Sample Analytical Results: 5/13/10

Location	Material Description	SCA Sample ID	Sample Results (ppm)
Warehouse	Blue interior wall paint on gypsum wallboard – intact.	Pb-BL-1	< 46
	White interior wall paint on gypsum wallboard – intact.	Pb-WH-2	< 46
Restrooms	4" x 4" white, glazed ceramic wall tiles	Pb-GLAZE-3	110

Since elemental lead is a suspect carcinogen and known teratogen and neurotoxic in high doses, lead-containing materials need to be identified prior to the on-set of renovation activities. Using combinations of engineering controls and personal protective equipment, lead-containing materials can be remediated safely. Several sources of applicable standards are listed as follows:

- Lead exposures in the workplace are regulated by Cal/OSHA, which has certain regulatory requirements for identifying and controlling potential lead exposures. Currently applicable regulations for the construction industry have been adopted by Cal/OSHA (8 CCR 1532.1) from the Federal OSHA regulations, with possibly more stringent regulations being drafted by Cal/OSHA. The current OSHA 8-hour Permissible Exposure Level (PEL) for lead is 50 $\mu g/M^3$.

- Current EPA and Cal/EPA regulations do <u>not</u> require LBP to be removed prior to renovations, unless loose and peeling. Provided that the paints are securely adhered to

the substrates (i.e., non-flaking or non-peeling), disposal of the debris may be handled in California as non-hazardous and non-RCRA waste, pending characterization of the waste.

- In California, loose and peeling LBP or other wastes exceeding the Total Threshold Level Concentration (TTLC) of 1,000 ppm (µg/g) would be required to be disposed of as non-RCRA hazardous waste. However, if the leachable lead contents of the wastes exceed the Soluble Threshold Level Concentration (STLC) of 5 mg/liter, the wastes have to be disposed of as RCRA waste.

- The major definitions of LBP or lead-coated surfaces are listed as follows:

    - HUD defines LBP as paint that contains either = 0.5% by weight of lead (5,000 parts per million), or = 1 mg/cm^2.

    - Consumer Product Safety Commission (CPSC) prohibits the manufacturing of paint that contains more than 600 ppm (0.06%) of lead. This was further reduced to 90 ppm in August 2009.

- Please note that compliance to Cal/OSHA's Construction Lead Standard is required for all paints and glazing with any measurable lead content.

- Lead is on the "Proposition 65" list, given its toxic potential in causing reproductive hazards.

- The California Department of Public Health's (CDPH) regulation 17 CCR Sections 35001 through 36100 requires all demolition, stabilization or scraping for repainting of paints or glazing defined under the HUD Guidelines as "lead-based paints" to be completed by Certified Lead Workers and Supervisors. This regulation affects all public, non-industrial buildings, including schools, offices, and housing for permanent renovations, expected to last over 20 years. Furthermore, the CDPH regulations require the use of dust controls, medical surveillance and respiratory protection, oftentimes exceeding the minimum standards outlined under Cal/OSHA's regulation 8 CCR 1532.1.

Manual demolition of lead-glazed ceramic tiles would be considered a "trigger task" under Cal/OSHA's Lead Construction Standard, 8 CCR 1532.1, requiring exposure monitoring, respiratory protection, and dust controls during demolition.

Attached are SCA's field data sheets, a sample location sketch and laboratory results. Please feel free to contact us at (310) 258-0460 if you have any questions regarding this letter.

Sincerely,
SCA ENVIRONMENTAL, INC.

Lori Kennington, CAC
CDPH Lead Project Monitor
Project Manager

Rev.: ***MO***

Attachments: Material Sampling Data Sheet
Sample Location Sketch
Laboratory Results and Chain of Custody
SCA Staff Certifications
Photographs

File/Disk:L-9871 Ltr Rpt 082610R/ N-9871 fileserve

CITY OF SANTA MONICA - ARCHITECTURE SERVICES SECTION

BLDG NAME: 1654 19th ST, SANTA MONICA - FORMER AUTO BODY SHOP

BLDG NO:

DEPT CODE:

Date Inspected: 05/13/10

PROJECT NO. N9871

Inspected By: L. KENNINGTON

SCA Environmental, Inc.
Asb Material/Sampling Data Sheet

Page 1 of 1

	Sample ID (include BLDG no.)			Sample Location Data					
	Predominance Group Codes Allowed: blank, A to Z			Functional Space				1. Aircell Type 2. Block Type 3. Board Type 4. Paper Wrap 5. Loose Fill 6. Trowelled On 7. Mud Type 8. Sprayed On 9. Wool Felt 10. Beneath ACM 11. Mult. Layers 12. Chunk/Powder	
	HOMOGENEOUS MATERIAL ID	Linked Material No.	Sample Type BD	Sub-No.	Space/Room Type	Floor Level	Room or Space Number	DWG ID	Material Comments (building wide)
(+)	PENMAS	01		01			ROOF		BLACK / GRAY TAR-LIKE ROOF PENETRATION MASTIC ASSOCIATED WITH PIPES AND VENTS ~10 SF
				02					
				03					
	NFROLL	02		01			ROOF		BLACK / GRAY BUILT-UP ROLLED ROOFING AND FELT LAYER ~3,720 SF
				02					
				03					
	WLSH	03		01			1st Floor		GYPSUM WALL AND CEILING BOARD AND ASSOCIATED JOINT COMPOUND ~2,975 SF
				02			1st Floor		
				03			ATTIC		
				04			ATTIC		
				05			ATTIC		
(+)	CAULK	04		01			South Door		WHITE PUTTY-LIKE DOOR CAULKING ~4LF x 0.5 SF
	GROUT	05		01			MENS RESTROOM		WALL GROUT ASSOCIATED WITH CERAMIC TILES IN RESTROOMS ~325 SF
				02					
				03					
	CARMAS	NNN					OFFICES		NON-SUSPECT YELLOW CARPET MASTIC
	CAULK	NNN							BLACK RUBBERIE DOOR CAULKING AT NORTH DOOR THRESHOLD

Comments: (please number each comment and reference above) WOOD NAILED IN BASEBOARDS, NO VINYL FLOOR TILES OBSERVED, CONCRETE FLOOR THROUGHOUT MAIN SPACE, BRICK PERIMETER WALLS, FLASHING NAILED IN - SILICONE CAULKING ON NAILS.

CITY OF SANTA MONICA – ARCHITECTURE SERVICES SECTION

BLDG NAME: 1654 19TH STREET – FORMER AUTO BODY SHOP

BLDG NO:
DEPT CODE:

PROJECT NO. N9871

Date Inspected: 05/13/10

Inspected By: SCA / LK (initials)

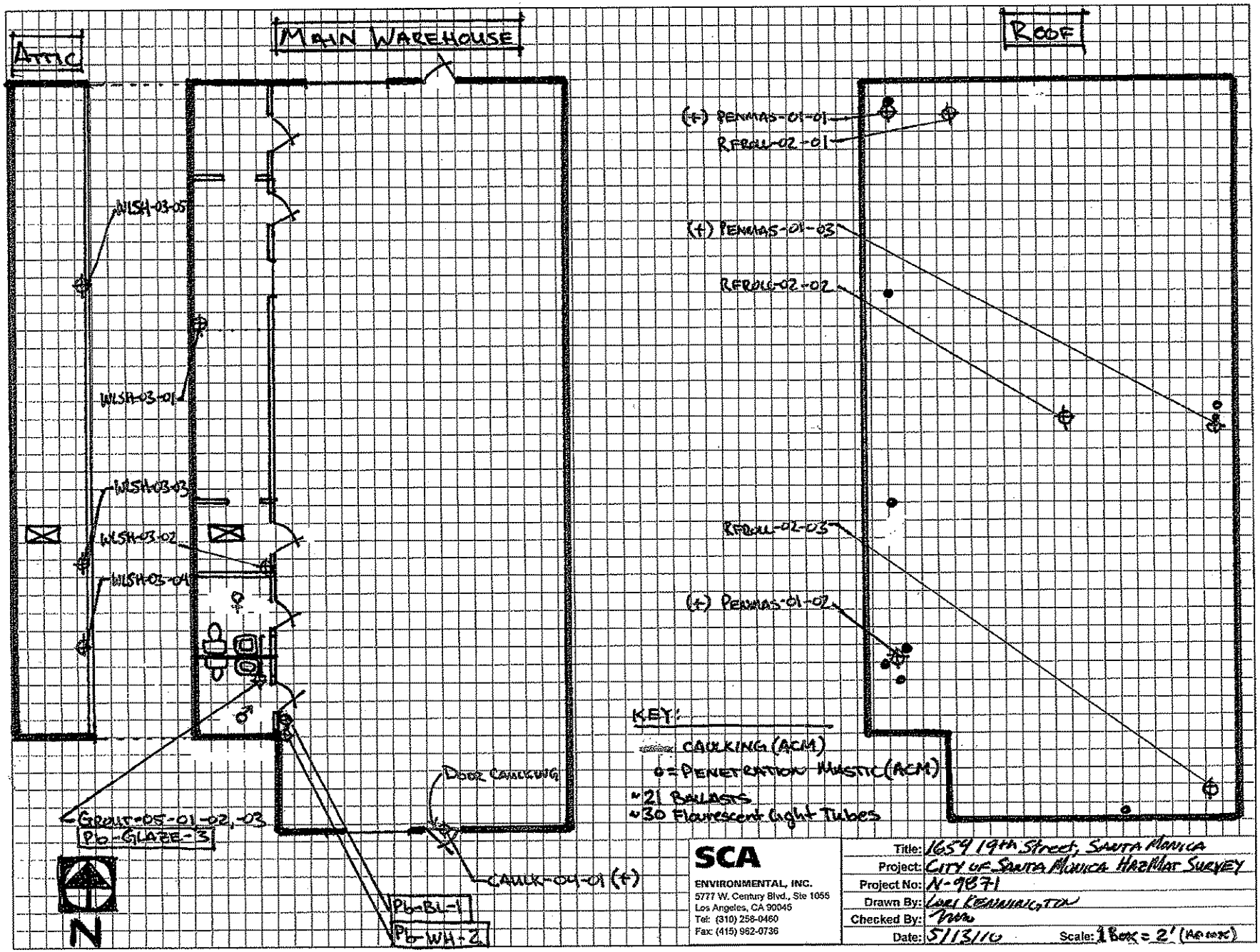
LEAD Material/Sampling Data Sheet

Page 1 of 1 MSDS for this Building

Sample Identification				Sample Location Data												Condition			
Color	Sequential No. / Sub-No.	XRF="X" AA="A" TTLC="T" Sample Type	Photo?	Typical Substrate Component	Typical Substrate Material	Functional Space: Space/Room Type	Floor Level	Space or Room Type	ht ft	Coordinates: Distance to wall or column line N/S: from column line #	ft	E/W: from column line #	ft	K-SHELL	L-SHELL	TIME (secs.)	DEPTH INDEX	CONF. INTERVAL	Intact / Peeling / Chipped / Comment #
PB	BL-1			WALL	GYPSUM	INTERIOR													X
PB	WH-2			WALL	GYPSUM	INTERIOR													X
PB	GRAY E3			WALL	C. TILE	RESTROOM													X

Comments: (please number each comment and reference above)

Color ID:	BK=black	OW=off-white	TN=tan	GY=gray	BR=brown	YW=yellow	PE=purple	PK=pink
BL=blue	BE=beige	WH=white	GR=green	RD=red	CR= cream	OE=orange	CN=crimson	



SCA
ENVIRONMENTAL, INC.
5777 W. Century Blvd., Ste 1055
Los Angeles, CA 90045
Tel: (310) 258-0460
Fax: (415) 962-0736

Title:	1659 19th Street, Santa Monica
Project:	City of Santa Monica Hazmat Survey
Project No:	N-9871
Drawn By:	Lori Kennington
Checked By:	Tom
Date:	5/13/10
Scale:	1 Box = 2' (approx)

PLM Report

Report No: 137726
Date: May 19, 2010
Date Received: May 13, 2010
Date Analyzed: May 18, 2010
Date/Time Collected: May 13, 2010
Subject: Polarized Light Microscopy Analysis for Asbestos
Methodology: "Method for Determination of Asbestos in Bulk Building Materials." EPA 600/R-93/116
Accredited: NVLAP Lab Code 101218-0
Certified: California Department of Health Services Environmental Testing Laboratory ELAP 1119
County Sanitation Districts of Los Angeles County, Lab ID No. 10120

Customer: SCA Environmental
5777 W. Century Blvd., Ste 1055
Los Angeles, CA 90045

Attention: Mark Osborn
Reference: N9871 CSM
20 Samples

Quality Control Sample (SRM 1866 Glass Fibers as the blank): None Detected

Sample ID	Location / Description	Visual Description	Asbestiform Minerals	Other Fibrous Materials
PENMAS-01-01	NON-FRIABLE	BLACK/GRAY TAR LIKE	CHRYSOTILE 7%	NONE DETECTED
PENMAS-01-02	NOT ANALYZED - STOP AT FIRST POSITIVE			
PENMAS-01-03	NOT ANALYZED - STOP AT FIRST POSITIVE			
RFROLL-02-01	NON-FRIABLE	BLACK TAR LIKE	NONE DETECTED	CELLULOSE <1%; FIBERGLASS 15%
RFROLL-02-02	NON-FRIABLE	WHITE/BLACK TAR LIKE	NONE DETECTED	FIBERGLASS 15%
RFROLL-02-03	NON-FRIABLE	WHITE/BLACK TAR LIKE	NONE DETECTED	NONE DETECTED
WLSH-03-01 DW	NON-FRIABLE	WHITE/BROWN FIBROUS	NONE DETECTED	CELLULOSE 15%
WLSH-03-01 JC	NON-FRIABLE	WHITE SOLID	NONE DETECTED	CELLULOSE - LESS THAN 1%
WLSH-03-02 DW	NON-FRIABLE	WHITE/BROWN FIBROUS	NONE DETECTED	CELLULOSE 20%
WLSH-03-02 JC	NON-FRIABLE	WHITE SOLID	NONE DETECTED	NONE DETECTED
WLSH-03-03 DW	NON-FRIABLE	WHITE/BROWN FIBROUS	NONE DETECTED	CELLULOSE 15%
WLSH-03-03 JC	NON-FRIABLE	WHITE SOLID	NONE DETECTED	NONE DETECTED
WLSH-03-04 DW	NON-FRIABLE	WHITE/BROWN FIBROUS	NONE DETECTED	CELLULOSE 15%; FIBERGLASS <1%
WLSH-03-04 JC	NON-FRIABLE	BLACK SOLID	NONE DETECTED	NONE DETECTED
WLSH-03-05 DW	NON-FRIABLE	WHITE/BROWN FIBROUS	NONE DETECTED	CELLULOSE 15%
WLSH-03-05 JC	NON-FRIABLE	WHITE SOLID	NONE DETECTED	NONE DETECTED

Wesene Sebhat, Optical Microscopist

B.M. Kolk, Laboratory Director

BMK/mt

The EPA method is a semi-quantitative procedure. The detection limit is between 0.1 - 1% by area and is dependent upon the size of the asbestos fibers, the means of sampling and the matrix of the sampled material.

The test results reported are for the sample(s) delivered to us and may not represent the entire material from which the samples was taken. The EPA recommends three samples or more be taken from a "homogenous sampling area" before friable material is considered non-asbestos-containing.

** Negative floor tile samples may contain significant amounts (>1%) of very thin asbestos fibers which cannot be detected by PLM. Confirmation by XRD or TEM is recommended by the EPA (Federal Register Vol. 59, No. 146).

Samples were received in good condition unless otherwise noted.

PLM Report

Report No: 137726 **Client:** SCA Environmental

Sample ID	Location / Description	Visual Description	Asbestiform Minerals	Other Fibrous Materials
CAULK-04-01	NON-FRIABLE	WHITE/BLACK RUBBERY	CHRYSOTILE 1-2%	NONE DETECTED
GROUT-05-01	NON-FRIABLE	WHITE SOLID	NONE DETECTED	NONE DETECTED
GROUT-05-02	NON-FRIABLE	WHITE SOLID	NONE DETECTED	NONE DETECTED
GROUT-05-03	NON-FRIABLE	WHITE SOLID	NONE DETECTED	NONE DETECTED

Wesene Sebhat, Optical Microscopist

B.M. Kolk, Laboratory Director

BMK/mt

The EPA method is a semi-quantitative procedure. The detection limit is between 0.1 - 1% by area and is dependent upon the size of the asbestos fibers, the means of sampling and the matrix of the sampled material.

The test results reported are for the sample(s) delivered to us and may not represent the entire material from which the samples was taken. The EPA recommends three samples or more be taken from a "homogenous sampling area" before friable material is considered non-asbestos-containing.

** Negative floor tile samples may contain significant amounts (>1%) of very thin asbestos fibers which cannot be detected by PLM. Confirmation by XRD or TEM is recommended by the EPA (Federal Register Vol. 59, No. 146).

Samples were received in good condition unless otherwise noted.

DATE: May 19, 2010 Page 1 of 2

CLIENT: SCA Environmental
5777 W. Century Blvd. #1055
Los Angeles, CA 90045

ATTENTION: Mark Osborn

REFERENCE: N9871
CSM

REPORT NO: 137721

DATE OF SAMPLE COLLECTION: May 13, 2010

DATE RECEIVED: May 13, 2010

DATE ANALYZED: May 17, 2010

ACCREDITATION: American Industrial Hygiene Association (101634), Environmental Lead NLLAP
California Dept. of Health Services ELAP 1119

SUBJECT: ANALYSIS OF THREE BULK SAMPLE(S) FOR LEAD

The sample(s) was/ were identified as: Pb-BL-1
Pb-WH-2
Pb-GLAZE-3

The bulk sample(s) was/ were analyzed for lead by digestion according to EPA method 3050M and analysis by EPA method 7420.

The results of the analyses and the detection limit(s) are summarized on the following page(s), accompanied by the chain of custody.

Respectfully submitted,
EMS Laboratories, Inc.

A. J. Kolk Jr.
Technical Director
AJK/mt

Method 3050 requires 1 to 2 grams of sample. The method is being used with paint chips with less than 1 gram sample and is designated 3050M.

Note: The results of the analysis are based upon the sample submitted to the laboratory. No representation is made regarding the sampling area other than that implied by the analytical results for the immediate vicinity of the samples analyzed as calculated from the data presented with those samples. All the analytical quality control data meet the requirement of the procedure unless otherwise indicated. Any deviation or exclusion from the test method is noted in this cover letter. Unless otherwise noted in this cover letter the samples were received properly packaged, clearly identified and intact.

Results have not been corrected for field blank or EMS Blank for lead samples that fall under the AIHA ELPAT program.

Laboratory Report

Sample Info

Date of Analysis:	5/17/2010
Lab ID:	137721
Client:	SCA Environmental, Inc.
Date Received:	5/13/2010
Project Number:	N-9871
Analyte:	Pb
Matrix:	PAINT CHIP
Method:	EPA 3050M/7420
Comments:	

Reporting Limit (mg):	0.007
Method blank (mg):	<0.007

Sample Results

Sample Name	*Bulk Weight (g)*	*Pb Weight (mg)*	*Pb Concentration (ppm)*
PB-BL-1	0.1516	< 0.007	< 46
PB-WH-2	0.1508	< 0.007	< 46
PB-GLAZE-3	0.5241	0.059	110

Chemist:

137726

SCA Environmental, Inc.

CHAIN OF CUSTODY FORM

	Tel	Fax
334 19th St, Oakland, CA 94612	510-6456200	415-9620736
650 Delancey St, #222, SF, CA 94107	415-8821675	415-9620736
*5777 W. Century Blvd, #1055, LA, CA 90045	310-2580460	415-9620736

EMAIL HEADING: (Project #) - (Project Manager Initials) - (Site Name/Address) - (Date MMDD)

N9871	MO	CSM	5/13

LAB Address

- ☐ Analytical Labs SF — 467 Potrero Ave., San Francisco, CA 94110 (TEL: 415-552-4595) [FAX: 552-0730]
- ☒ EMS Pasadena — 117 W. Bellevue Dr. / Pasadena, CA 91105 (Tel: 800- 675-5777) [Fax 626-796-5282]
- ☐ Amerisci Labs — 24416 S. Main Street, Carson, CA 90745 (Tel: 888-724-5226) [Fax 310-834-4772]
- ☐ Asbestos TEM Labs — 630 Bancroft Way, Berkeley, CA 94710 (TEL:510-704-8930) [FAX:704-8429]

COURIER: HAND

LAB REP NOTIFIED:	—	Notification DATE/TIME:	
AIRBILL/FLIGHT NO.:	—	Shipper REFERENCE I.D.	
EST ARRIVAL DATE:	5/13	EST. ARRIVAL TIME:	4:00PM

Method Reference: ☐7400PCM ☐AHERA TEM ☐Flame AA (Lead) ☒PLM (asbestos)

Sample Media: ☐25 ☐37 mm ☐0.45 ☐0.8 micron ☐MCEF ☒Bulk ☐Water ☐Wipe

RESULTS DUE: 5/20 4:00 AM / (PM)

CHAIN OF CUSTODY DATA:

Sending Info: 15 samples submitted by LK (SCA) on 5/13 at 4:15P

Received by Lab: 15 samples received by [illegible] on 5/13 at 4:15

Received by Analyst: _____ samples received by _____ on _____ at _____

SAMPLE ID	LITERS	Results	Ins/Blanks/Outs
PENMAS-01-01, -02, -03			
RF ROLL-02-01, -02, -03			
WLSH-03-01, -02, -03, -04, -05			
CAULK-04-01			
GROUT-05-01, -02, -03			
	0 LITERS		BLANK
	0 LITERS		BLANK
	0 LITERS		BLANK

INSTRUCTIONS TO LAB (delete items not applicable AND circle those apply):

[redacted]

☐ 12. : _____

[redacted]

10. Serial analysis; stop at first positive (>1%); first trace (<0.1%);except sheetrock and plaster samples.

[redacted]

☐ Please CALL with results:

( ) -

Email rpt / COC & invoice:

☐ ATEM@sca-enviro.com

☐ ALSF@sca-enviro.com ☐ EMS@sca-enviro.com

Email Prj Mgr Name:

☐ Chuck Siu ☐ Glenn Cass

☐ Christina Codemo

☐ Mark Osborn

SCA In-House Accounting Data - Field Tech complete before sending samples

Analysis	Quantity	TAT
TEM		
PCM		
PLM (bulk)	15	5DAY
Lead Air		
Lead Bulk		

Supplies /Equipment	Qty
Hi-Vol (3040)	
Lo-Vol (3020)	
TEM / Pb cas. (3520)	
PCM cassettes (3500)	
Bulk sampling supply (3710)	15

Accounting Data from Lab:

Lab:

Billable TAT (HRS):

Samples Analyzed:

$ Total to Invoice:

Lab Report #:

Lab Invoice #:

$/Analysis:

Approved by SCA Rep.:

Comments:

137721

SCA Environmental, Inc.

CHAIN OF CUSTODY FORM

	Tel	Fax
334 19th St, Oakland, CA 94612	510-6456200	415-9620736
650 Delancey St, #222, SF, CA 94107	415-8821675	415-9620736
5777 W. Century Blvd, #1055, LA, CA 90045	310-2580460	415-9620736

☐ Please CALL with results:
( ) -

Email rpt / COC & invoice:
☐ ATEM@sca-enviro.com
☐ ALSF@sca-enviro.com ☐
EMS@sca-enviro.com

Email Prj Mgr Name:
☐ Chuck Siu ☐ Glenn Cass
☐ Christina Codemo
Mark Osborn

EMAIL HEADING:	(Project #) -	(Project Manager Initials) -	(Site Name/Address) -	(Date MMDD)
	N987H	MO	CSM	5/13

LAB Address

- ☐ Analytical Labs SF — 467 Potrero Ave., San Francisco, CA 94110 (TEL: 415-552-4595) [FAX: 552-0730]
- ☒ EMS Pasadena — 117 W. Bellevue Dr. / Pasadena, CA 91105 (Tel: 800- 675-5777) [Fax 626-796-5282]
- ☐ Amerisci Labs — 24416 S. Main Street, Carson, CA 90745 (Tel: 888-724-5226) [Fax 310-834-4772]
- ☐ Asbestos TEM Labs — 630 Bancroft Way, Berkeley, CA 94710 (TEL:510-704-8930) [FAX:704-8429]

COURIER	HAND		
LAB REP NOTIFIED:	—	Notification DATE/TIME:	—
AIRBILL/FLIGHT NO.:	—	Shipper REFERENCE I.D.	—
EST ARRIVAL DATE:	5/13	EST. ARRIVAL TIME:	4:00 P

Method Reference ☐7400PCM ☐AHERA TEM ☒Flame AA (Lead) ☐PLM (asbestos)

Sample Media ☐25 ☐37 mm ☐ 0.45 ☐0.8 micron ☐MCEF ☒Bulk ☐Water ☐Wipe

RESULTS DUE: 5/20 4:00 AM / PM

SCA In-House Accounting Data - Field Tech complete before sending samples

Analysis	Quantity	TAT
TEM		
PCM		
PLM (bulk)		
Lead Air		
Lead Bulk	3	5DAY

CHAIN OF CUSTODY DATA:

Sending Info: 3 samples submitted by LX (SCA) on 5/13 at 4:15P
Received by Lab: 3 samples received by VV on 5/13 at 415
Received by Analyst: ____ samples received by ____ on ____ at ____

SAMPLE ID	LITERS	Results	Ins/Blanks/Outs
Pb-BL-1			
Pb-WH-2			
Pb-GLAZE-3			
	0 LITERS		BLANK
	0 LITERS		BLANK
	0 LITERS		BLANK

Supplies /Equipment	Qty
Hi-Vol (3040)	
Lo-Vol (3020)	
TEM / Pb cas. (3520)	
PCM cassettes (3500)	
Bulk sampling supply (3710)	3

Accounting Data from Lab:

- Lab:
- Billable TAT (HRS):
- # Samples Analyzed:
- $ Total to Invoice:
- Lab Report #:
- Lab Invoice #:
- $/Analysis:
- Approved by SCA Rep.:
- Comments:

INSTRUCTIONS TO LAB (delete items not applicable AND circle those apply):

1. [redacted]:
☐ 12. :_____

[redacted]

11. Analyze all bulk samples, unless otherwise indicated.

STATE OF CALIFORNIA — Arnold Schwarzenegger, *Governor*

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
ASBESTOS CONSULTANT and TRAINER APPROVAL UNIT
2211 Park Towne Circle, Suite 1
Sacramento, CA 95825
Tel: (916) 574-2993 Fax: (916) 483-0572

605101959C 124

SCA Environmental, Inc.
Mark H Osborn
5777 W Century Blvd, 1055
Los Angeles CA 90045

May 05, 2009

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, please abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification. Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as a CAC or CSST.

Please inform our office at the above address, fax number or actu@dir.ca.gov of any changes in your contact/mailing information within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Industrial Hygienist

JF/ms

Attachment: Certification Card
cc: File

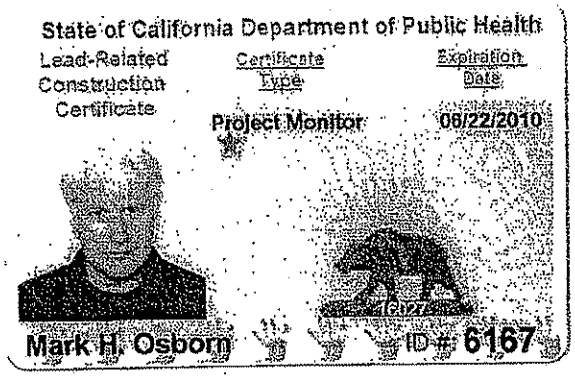
State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Mark H Osborn
Name
Certification No. 96-1959
Expires on 05/24/10

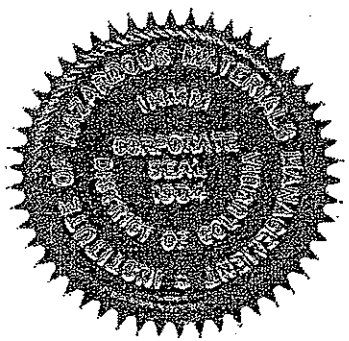
This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

(Renewal – Card Attached Revised 8/29/06)

Mr. Mark H. Osborn
SCA Environmental, Inc.
5777 West Century Boulevard, Suite 1055
Los Angeles, California 90045



Institute of Hazardous Materials Management



Certifies that

Mark H. Osborn

has successfully met all requirements of education,
experience and examination, and is hereby designated a

Certified Hazardous Materials Manager

Master Level

October 1998	9353	December 31, 2011	John H Frick
Certified	Number	Expiration Date	Executive Director

So long as this credential is renewed according to schedule and is not otherwise revoked.

STATE OF CALIFORNIA — Arnold Schwarzenegger, *Governor*

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
ASBESTOS CONSULTANT and TRAINER APPROVAL UNIT
2211 Park Towne Circle, Suite 1
Sacramento, CA 95825
Tel: (916) 574-2993 Fax: (916) 483-0572

812264472C 322

December 16, 2009

SCA Environmental, Inc.
Lori E Kennington
5777 W. Century Blvd., #1055
Los Angeles CA 90045

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, please abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification. Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as a CAC or CSST.

Please inform our office at the above address, fax number or actu@dir.ca.gov of any changes in your contact/mailing information within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Industrial Hygienist

JF/ms

Attachment: Certification Card
cc: File

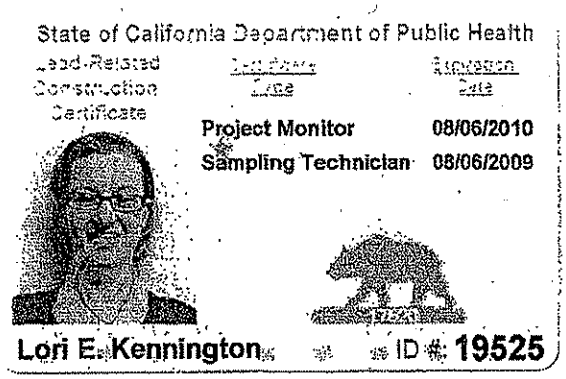
(Renewal – Card Attached Revised 8/29/06)

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Lori E Kennington
Name
Certification No. 08-4472
Expires on 01/15/11

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

Ms. Lori E. Kennington
SCA Environmental, Inc.
5777 West Century Boulevard, Suite 1055
Los Angeles, California 90045



CERTIFICATE OF TRAINING

8-HOUR ANNUAL REFRESHER HAZARDOUS WASTE OPERATIONS

This certificate certifies that

LORI KENNINGTON – SCA ENVIRONMENTAL

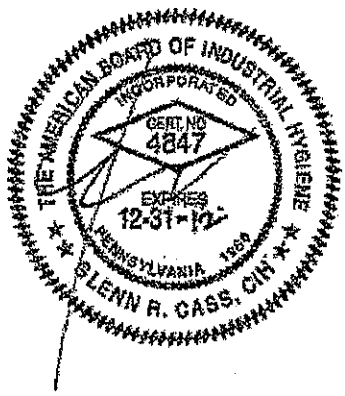
Has satisfactorily completed, and shown an understanding of, 8 hours annual refresher of Hazardous Waste Operations Training, as required by Federal Occupational Safety and Health Administration Regulation 29 CFR 1910.120

SCA

ENVIRONMENTAL, INC.

334 19th Street
Oakland, CA 94612
TEL: (510) 645-6200
eFAX: (415) 962-0736

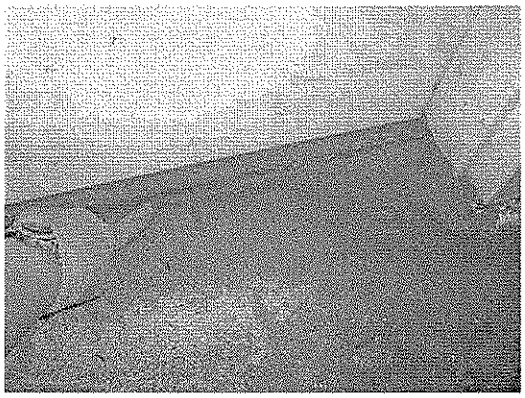
Date: 9/17/09
Expiration Date: 9/17/10
Approved by: Glenn R. Cass, PE, CIH
SCA Project No.: SOK-09



Topic	Hours	Date	Instructor(s)/ Training Program
AIHA Course 2371 "Indoor Air Quality Solutions" and misc. refresher items	8	9/17/09	AIHA Course 2371

Photographs

Black/gray tar-like penetration mastic associated with pipes and vents located on the roof, totaling approximately 10 square feet [Sample I.D. PENMAS-01-01, -02, -03 containing 7% Chrysotile].



White putty-like door caulking associated with west warehouse door, totaling approximately less than 3 square feet [Sample I.D. CAULK-04-01 containing 1-2% Chrysotile].

NOTICE:
CITY POLICY ON DOING BUSINESS WITH ARIZONA FIRMS

CITY OF SANTA MONICA

NOTICE TO APPLICANTS, BIDDERS, PROPOSERS AND OTHER S SEEKING TO DO BUSINESS WITH THE CITY OF SANTA MONICA

The City Council of the City of Santa Monica adopted Resolution No. 10479 (CCS) on May 25, 2010, which requires a review of all current and likely future agreements and contracts with Arizona-based businesses to examine the feasibility of acquiring such products and services elsewhere while the Arizona law remains in effect.

Additionally, Council directed staff to require vendors offering goods or services to the City of Santa Monica to complete and sign the attached disclosure form; this applies to all solicitations, including but not limited to, bids and proposals. Please review, sign and submit the form with your bid packet prior to the closing date of bid.

Failure to return this form or inability to certify as to its provisions will render your bid or proposal non-responsive.

State of Arizona Disclosure Form - see next page.

CITY OF SANTA MONICA
STATE OF ARIZONA DISCLOSURE FORM

TO BE COMPLETED BY ALL VENDORS PROVIDING GOODS AND SERVICES TO THE CITY OF SANTA MONICA

I certify that (check all that apply):

☐ Our company has no presence, interest or professional business relationships with or in the State of Arizona nor conducts business with individual subcontractors located within the State of Arizona.

☐ Our company's headquarters are located in the State of Arizona.

☐ Our company's branch offices, warehouses or manufacturing facilities are located in the State of Arizona.
Number of branch offices, warehouses or manufacturing facilities: _____
If more than one, attach a list of additional locations, including the physical address of each location.

Name of Location: _____
☐ Branch Office ☐ Warehouse ☐ Manufacturing Facility ☐ Other _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

☐ Products or services will be manufactured or performed by a subcontractor whose business is located within the State of Arizona.

***** PORTION BELOW TO BE COMPLETED BY ALL VENDORS *****

Please list <u>any and all subcontractors</u> that your company conducts business with.
If more than one, attach a list of additional subcontractors, including the physical address of each location.
☐ Our company does not work with ANY subcontractors.

Name of Subcontractor: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

****

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signed: _____ Date: _____

Printed name: _____ Title: _____

Name of Company: _____

Street Address of Headquarters: _____

City: _____ State: _____ Zip Code: _____

Telephone # (including area code): _____ Email: _____

[Pursuant to Resolution No. 10479 (CCS) adopted May 25, 2010]