

APPENDIX D
DUDEK MEMO: HOLLISTER FRONTAGE IMPROVEMENTS (SEPTEMBER 2010)

Memorandum

To: Patty Miller
Natasha Heifetz Campbell
Planning & Environmental Services, City of Goleta

From: David Stone, RPA, Principal Investigator
Robert Schmidt, Penfield & Smith, CE, Project Engineer

Date: September 14, 2010

Subject: Marriott Residences Inn
Archaeological Resource Impacts, Hollister Avenue Improvements

As explained in my memos of July 20 and 23, 2010, ground disturbances associated with the Hollister Avenue improvements will occur within fill soils. Potential impacts associated with development of Hollister Avenue frontage improvements will be no greater than potential disturbances to Locus 2 deposits located within other areas of the Marriott Residences Inn project site. This memo provides exhibits illustrating these proposed Hollister Avenue improvements and their relation to previously imported fill soils. It is updated to provide additional information regarding tree landscaping, median landscaping, and sidewalk construction provided by Robert Schmidt.

Prior Disturbances

A comparison of As-Built Plans (Drawing S3341, Sheet 101018, attached) associated with Hollister Avenue improvements in 1964 and current elevations indicate that the roadway has been elevated approximately 4 feet from original conditions from Robin Hill Road to the existing entrance on Hollister Avenue east of the Marriott Residences Inn project site. For example, the project topographic elevation at Station 7.0, west of the existing entrance and within the project site, measured 8.9 feet above sea level (ASL). The As Built elevation of the Hollister Avenue northern road shoulder is at 12.83 ASL, 3.93 feet higher than the project site. East of this roadway entrance, the roadway elevation tapers from original landform conditions from 4+ feet to 2 feet at the La Patera Lane/Hollister Avenue intersection.

Proposed Construction

Placement of Fill: Approximately 3 feet of fill soils will be placed along the project site Hollister Avenue frontage to match the existing elevation of the northern Hollister Avenue road shoulder.

Electrical Conduit: Electrical conduit will be located underground north of and adjacent to (i.e., in back of) the Hollister Avenue curb and gutter (See Utility Improvements Exhibit, Pink Detail (U line), attached). Excavation depth will extend a maximum of 50 inches along the frontage of the hotel only. The trench will be 12 inches wide for the length of approximately 200 feet. Electrical conduit for the proposed street lights will also be placed in back of curb and gutter, with excavations reaching 36 inches along the entire length of the parcel. Maximum width of trench is 12 inches, with a total length of 870 feet. ***The electrical conduit excavations will be entirely located within existing and proposed fill soils.***

Landscaping/Irrigation: Irrigation is proposed for the medians in the middle of Hollister Avenue (See Utility Improvements Exhibit, Green Detail, attached). Maximum excavation depth is 36 inches. Maximum trench width is 12 inches, with a total length of 700 feet. ***This disturbance will occur entirely within fill soils.***

Trees are proposed in the parkway between Hollister Avenue and the proposed sidewalk (See Utility Improvements Exhibit, Green Detail, attached). The tree root balls will be 24-inches in diameter. In front of the hotel, the root balls will be planted in imported fill soils. Proposed trees along the existing building east of the proposed Marriott Residences Inn will be mounded in fill. From the street, the existing landscaped area slopes away. ***The area will be prepared for the trees by clearing and grubbing vegetation with soil disturbances of up to 4 inches only in the area of the trees and the fill around the trees.***

Three median planters within Hollister Avenue are proposed (See Utility Improvements Exhibit, Green Detail, attached). The planter immediately in front of the proposed Marriott Residences Inn will require excavations 36 inches deep to accommodate proposed tree plantings. The other two medians to the east of the proposed Marriott Residences Inn will require excavations 24 inches deep, as only ornamental shrubs are proposed in these locations. Median construction will involve saw-cutting the existing asphalt, and subsequently removing asphalt and base. Using County of Santa Barbara standards, the Hollister Avenue structural section is estimated to include a minimum of 9 inches of asphalt over 12 inches of base. A minimum of 6 inches of soil under the median pavement structural section was previously recompact.

Fire Hydrant: Excavations for a fire hydrant placed at the project site entrance on Hollister Avenue will extend to 48 inches. Maximum trench width is 12 inches, with a total length of 10 feet. ***The disturbance will occur entirely within proposed fill soils.***

Curb and Gutter, and Bus Pocket: Proposed Hollister Avenue curb and gutter will extend from Robin Hill Road to La Patera Lane. The alignment of the curb and gutter extending from the proposed project entrance eastward will be located a few feet south of the existing edge of pavement, and will extend a maximum 2 feet deep. The proposed bus pocket near the intersection of Hollister Avenue and La Patera Lane will be located within a previous curb cut noted on the 1964 As Built Plans (Drawing S3341, Sheet 101018, attached). Disturbances associated with the Bus Pocket will extend a maximum 2 feet deep. Per City of Santa Barbara Standard 1-009.0-06, the structural pavement section will consist of 8 inches of concrete with 6 inches of base. Over-excavation of soils will extend 9 inches below the base layer. Pavement square footage to the north of the existing curb and gutter is approximately 370 sq. ft. This portion of the bus pocket will be located in fill soils. ***The disturbance will occur entirely within proposed fill soils.***

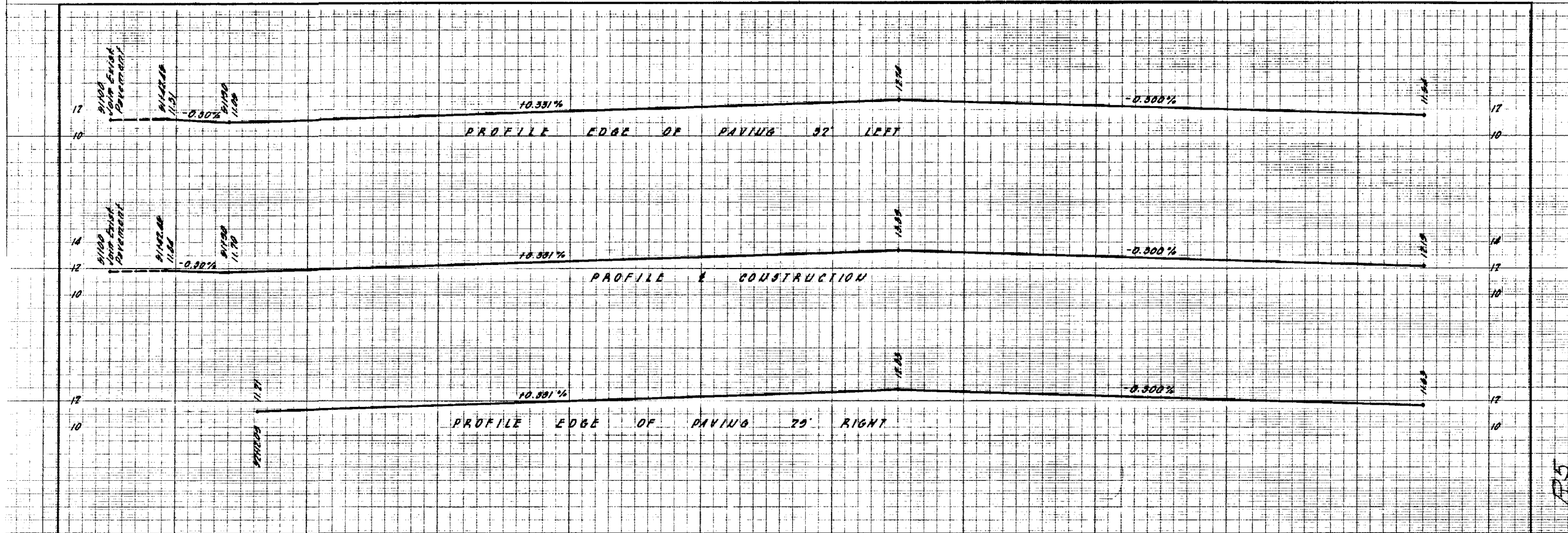
Street Lights: The four proposed street lights to be located west of the proposed project entrance will be located behind new curb and gutter (See Utility Improvements Exhibit, Green Detail), and will be placed in the 4+ feet of fill soils. Four additional proposed street lights east of the proposed hotel entrance will be located within the footprint of the existing Hollister Avenue. The street lights will be built on foundations. Foundations for the City of Santa Barbara street lights along Hollister Avenue will be designed to require a maximum excavation depth of 3 feet designed by a structural engineer. Electrical street light conduit excavations will extend a maximum of 36 inches (See Utility Improvements Exhibit, Red Detail, attached). ***These disturbances will occur entirely within proposed fill soils.***

Frontage Sidewalks: The proposed sidewalks along Hollister Avenue in front of the existing building east of the proposed Marriott Residences Inn will be constructed by first clearing and grubbing the top 3- to 4-inches of vegetation and soils (See Utility Improvements Exhibit, Blue Detail, attached). Where level ground surfaces result after clearing and grubbing, the sidewalk will be built on top of the exposed soil. If ground surfaces are not level, additional fill will be added to achieve a level sidewalk grade compliant with City of Goleta standards. ***There will be no soil over-excavation for sidewalk construction.***

Attachments: **As-Built Plans Hollister Avenue, Drawing S3341, Sheet 101018.** County of Santa Barbara, December 1964.

As-Built Plans Hollister Avenue 900' West to La Patera Lane, Drawing S3341, Sheet 101018, Sheet 1 of 2. County of Santa Barbara, December 1964.

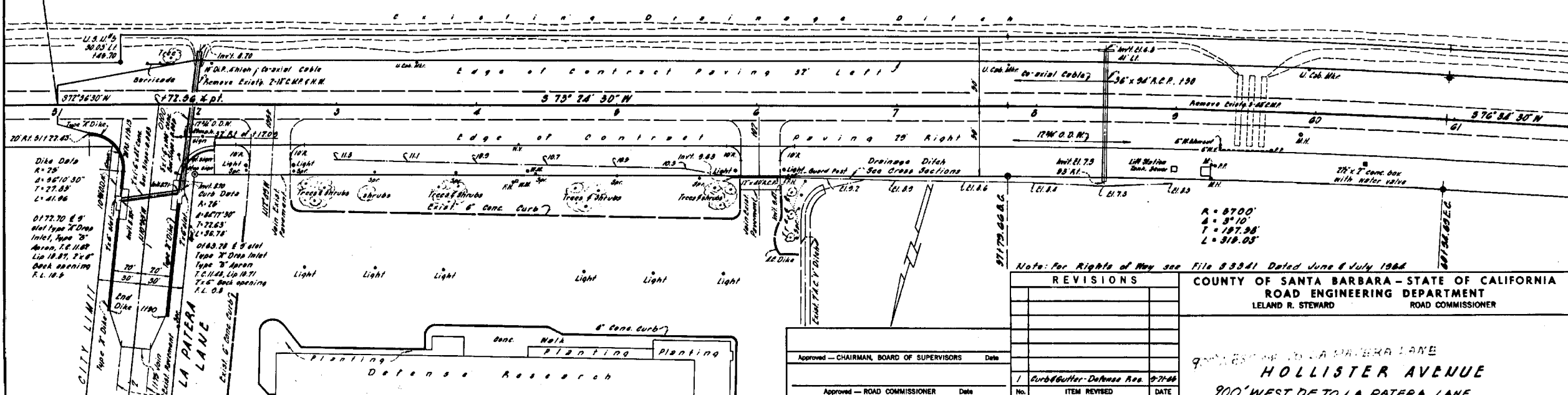
Marriott Residence Inn Hollister Avenue Utility Improvement Exhibit, Sheet 1 and 2. Penfield & Smith, July 21, 2010; Revised September 14, 2010.



Exc.		108		171		110		29		43		99		60		91			
Emb.	91	2	8	55	4	114	9	156	6	366	7	483	8	666	9	816	60	816	61

LIMIT OF WORK
 STA. 5100

WARNING, Approx location of Telephone Co-axial Cable Call Madison 3-2221 collect Before Excavating



Approved — CHAIRMAN, BOARD OF SUPERVISORS		Date	REVISIONS	
Approved — ROAD COMMISSIONER		Date	No.	ITEM REVISED
Approved — PROJECT ENGINEER		Date	DESIGNED BY	CHECKED BY
			S. L. [Signature]	
			SCALE	DATE
			1" = 40'	Sept 1968
			SHEET OF SHEETS	FILE No.
			1	83341

COUNTY OF SANTA BARBARA — STATE OF CALIFORNIA
 ROAD ENGINEERING DEPARTMENT
 LELAND R. STEWARD
 ROAD COMMISSIONER

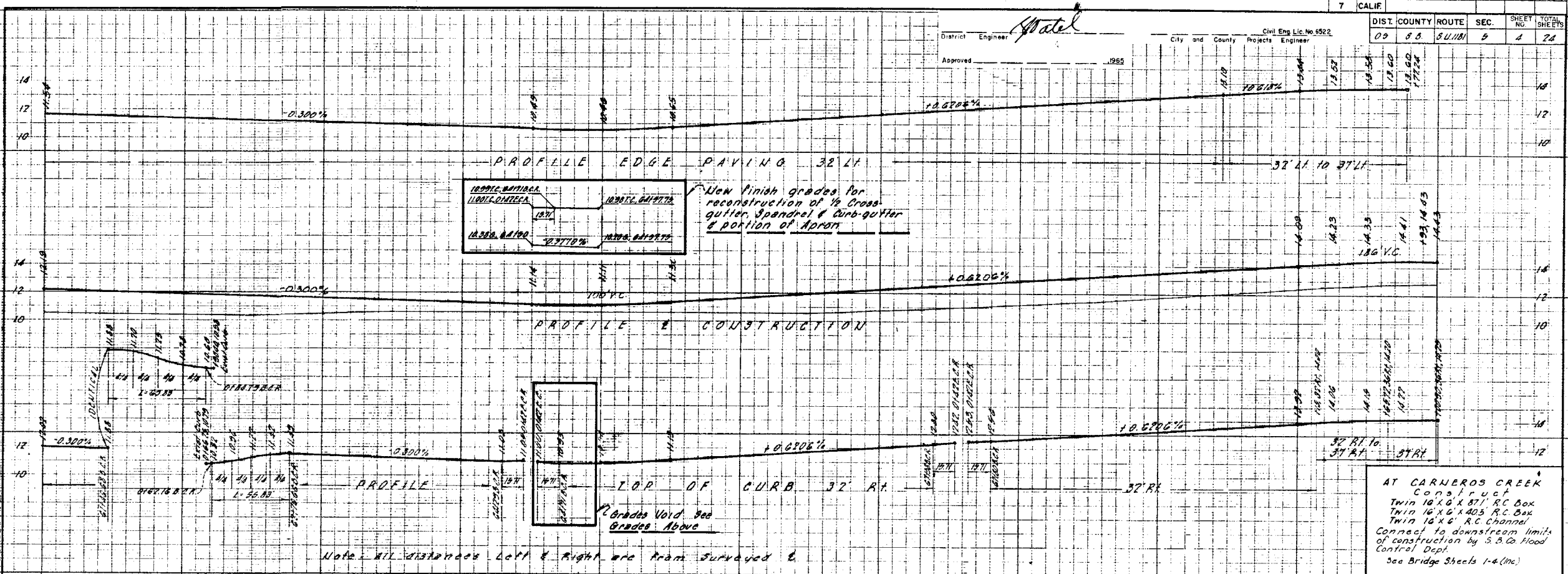
900' WEST OF TO LA PATERA LANE
HOLLISTER AVENUE
 900' WEST OF TO LA PATERA LANE

Contract change order No. For curb design see File 83341 dated Dec. 1964 **101018**

B.P.R. DIST. NO.	STATE	FEDERAL PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.			

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
09	S.B.	5111B	5	4	76

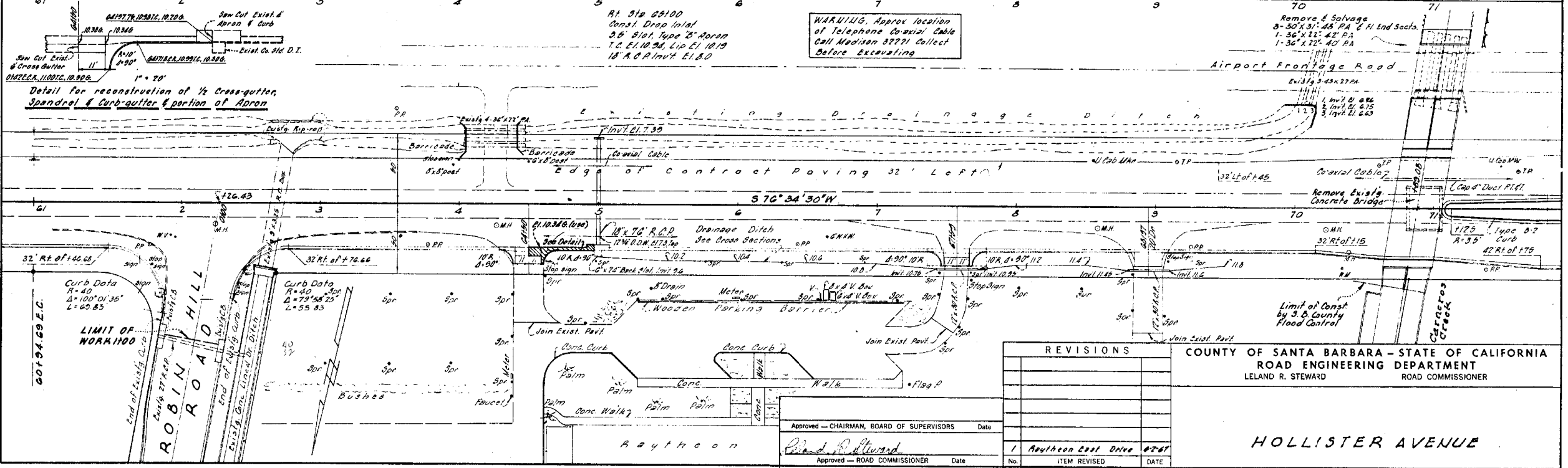
District Engineer *Spotel*
 City and County Projects Engineer
 Civil Eng. Lic. No. 9522
 Approved _____ 1964



AT CARNEROS CREEK
 Construct
 Twin 18" x 6" x 87' R.C. Box
 Twin 16" x 6" x 405' R.C. Box
 Twin 16" x 6" R.C. Channel
 Connect to downstream limits
 of construction by S.B. Co Flood
 Control Dept.
 See Bridge Sheets 1-4 (inc.)

Note: All distances Left & Right are from Surveyed E.

Exc.	174	90	80	150	166	89	17	4	38	52
Emd.	61	63	63	62	67	73	184	177	83	83



WARNING: Approx location
 of Telephone Coaxial Cable
 Call Madison 32221 Collect
 Before Excavating

Remove & Salvage
 3-30" x 31'-48" PA 2 1/2" End Sockets
 1-36" x 22'-42" PA
 1-36" x 22'-40" PA

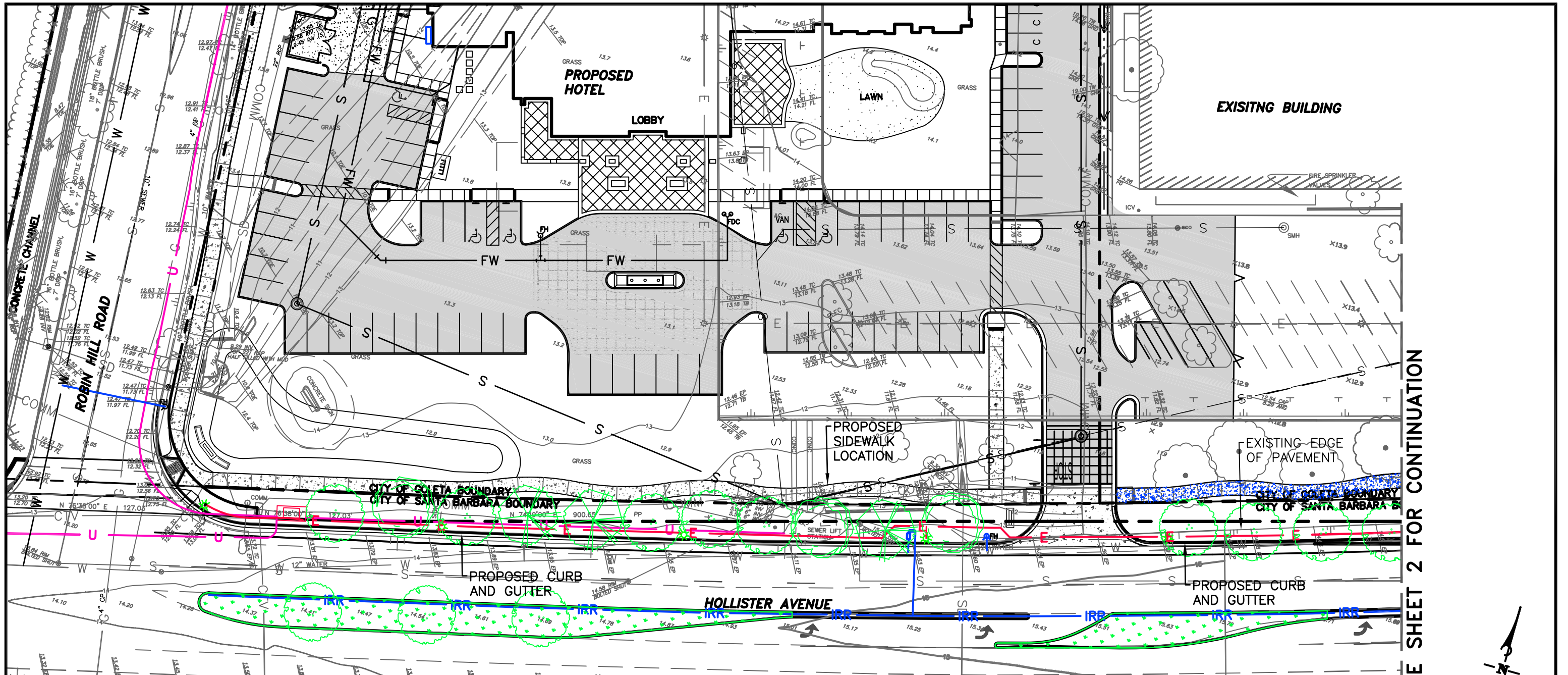
REVISIONS	
No.	DATE
1	1/11/64

COUNTY OF SANTA BARBARA - STATE OF CALIFORNIA
 ROAD ENGINEERING DEPARTMENT
 LELAND R. STEWARD
 ROAD COMMISSIONER

Approved - CHAIRMAN, BOARD OF SUPERVISORS Date _____
 Approved - ROAD COMMISSIONER Date _____
 Approved - PROJECT ENGINEER Date _____

HOLLISTER AVENUE
 SCALE 1" = 40'
 DATE Dec. 1964
 SHEET OF SHEETS
 FILE No. 33341

100981



SEE SHEET 2 FOR CONTINUATION



SCALE: 1"=40'
0 40

LEGEND

- E — ELECTRICAL CONDUIT FOR STREET LIGHTS (MAX DEPTH OF TRENCH IS 36")
- U — UTILITY TRENCH PER UTILITY RELOCATION PLANS (MAX. DEPTH OF TRENCH IS 4'-2")
- IRR — PROPOSED IRRIGATION FOR PLANTED MEDIAN (MAX DEPTH OF TRENCH IS 36")
- ✱ PUBLIC STREET LIGHT PER CITY OF SANTA BARBARA STANDARD TYPE A-08 WITH MODIFIED FOUNDATION (DEPTH OF LIGHT FOUNDATION IS 3')
- LANDSCAPED MEDIAN
- WIDENING FOR BUS POCKET
- PROPOSED SIDEWALK. SURFACE TO BE CLEARED AND GRUBBED ONLY.



17636.08 17636Arch-Hollister-Exhibit.dwg

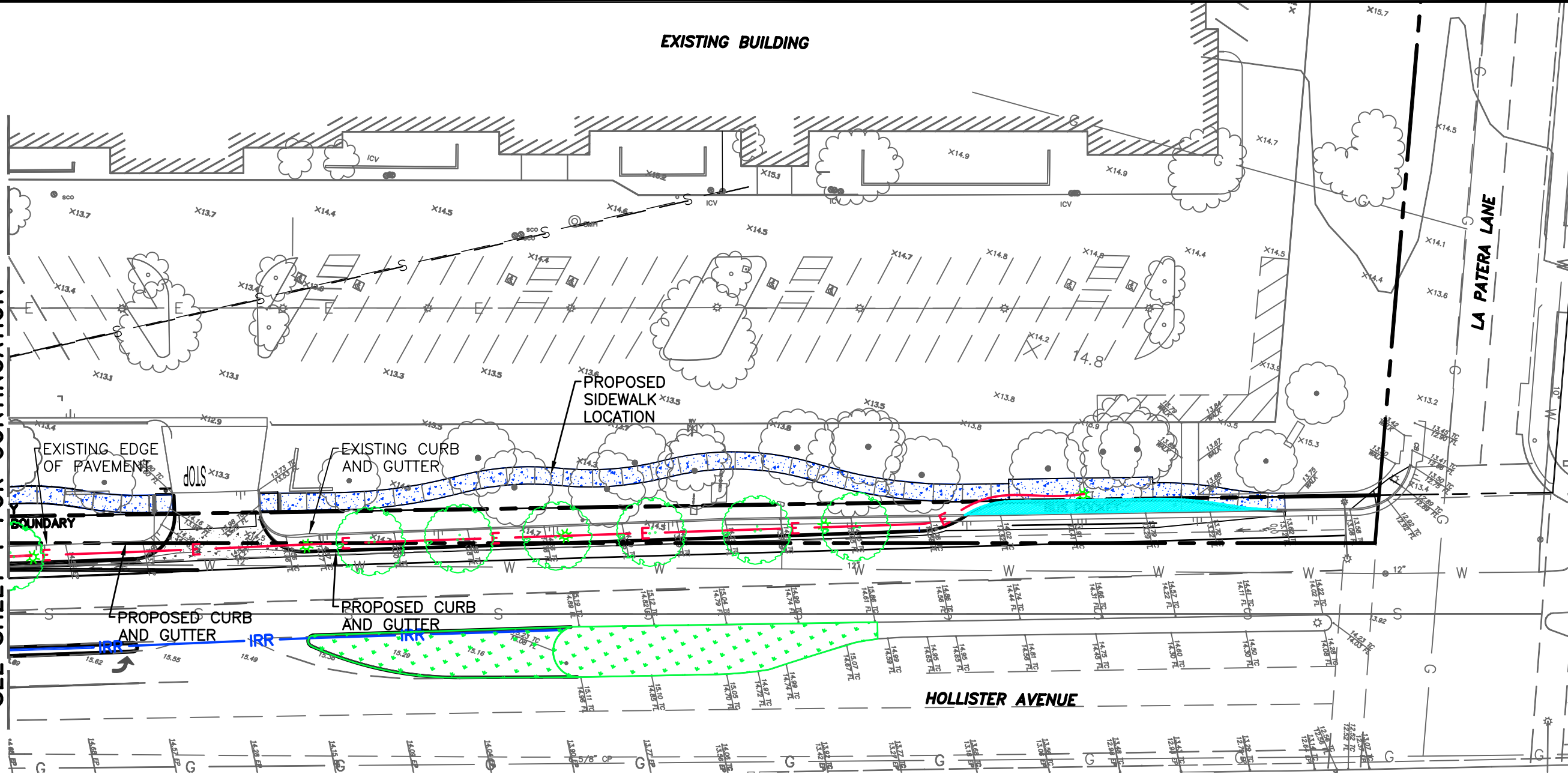
**MARRIOTT RESIDENCE INN
HOLLISTER AVENUE UTILITY
IMPROVEMENT EXHIBIT**

JULY 21, 2010
REVISED SEPT 14, 2010

SHEET 1 OF 2

EXISTING BUILDING

SEE SHEET 1 FOR CONTINUATION



LEGEND

- E — ELECTRICAL CONDUIT FOR STREET LIGHTS (MAX DEPTH OF TRENCH IS 36")
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- LANDSCAPED MEDIAN
- WIDENING FOR BUS POCKET
- PROPOSED SIDEWALK. AREA TO BE CLEARED AND GRUBBED ONLY.



SCALE: 1"=40'
0 40



17636.08 17636Arch-11-10-10 Exhibit

**MARRIOTT RESIDENCE INN
HOLLISTER AVENUE UTILITY
IMPROVEMENTS EXHIBIT**

Date: July 21, 2010
REVISED SEPT 14, 2010

SHEET 2 OF 2

