



STATEMENT OF PURPOSE

THE PURPOSE OF THIS SURVEY IS TO DOCUMENT THE RESETTING OF STATION 117 OF THE LOMPOC GIS CONTROL NETWORK, AND RECORD ITS NEW POSITION AND ELEVATION. STATION 117 AS SHOWN ON THE RECORD OF SURVEY FILED IN BOOK 172, PAGE 4 WAS DESTROYED DURING A STREET REHABILITATION PROJECT IN NOVEMBER 2010. PURSUANT TO THE CITY OF LOMPOC MONUMENT TRACKING AND MAINTENANCE PROCEDURE, THE STATION HAS BEEN RENUMBERED TO 217 PER THIS SURVEY.

SURVEYOR'S NOTES

- ALL DISTANCES AND BEARINGS SHOWN AS MEASURED OR CALCULATED ARE ON CALIFORNIA COORDINATE SYSTEM, NAD83, ZONE 5 GRID, EPOCH 2000.35. DISTANCES AND COORDINATES ARE EXPRESSED IN US SURVEY FOOT UNITS.
- COMBINATION FACTORS LISTED HEREON ARE THE PRODUCT OF THE ELEVATION FACTOR TIMES THE CCS83 SCALE FACTOR. ELEVATION FACTORS WERE COMPUTED USING A VALUE OF 20,906,000 FEET AS THE RADIUS OF CURVATURE OF THE EARTH AND THE GEOID HEIGHT AT THE STATION. THE GEOID HEIGHT WAS INTERPOLATED FROM THE NGS GEOID09 GEOID MODEL. ELEVATIONS LISTED FOR LOMPOC GIS CONTROL NETWORK STATIONS ARE AS PUBLISHED. THE ELEVATION OF 217 WAS DETERMINED BY DIFFERENTIAL LEVELING FROM STATIONS 23 AND 16. THE ELEVATION OF STATION 16 WAS CHECKED BY DIFFERENTIAL LEVELING FROM STATIONS 22 AND 10. THE ELEVATION OF STATION 111 WAS IGNORED DUE TO CONDITION OF BRASS CAP. SEE STATION DESCRIPTION HEREON.

BASIS OF BEARINGS

BEARINGS SHOWN ON THIS MAP ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM, NAD 83, ZONE 5 GRID, EPOCH 2000.35, DEFINED LOCALLY BY THE CITY OF LOMPOC GIS CONTROL NETWORK AS SHOWN ON THE MAP FILED IN BOOK 172, PAGE 4 OF RECORD OF SURVEYS. THIS SURVEY TIED TO STATIONS 10, 16, 22, 23, 111, ORES AND VNDP OF THE NETWORK.

LEGEND

- ⊙ CONTINUOUSLY OPERATING REFERENCE STATION PER R1
- FOUND MONUMENT AS DESCRIBED
- SET MONUMENT AS DESCRIBED
- CF CALCULATED FROM CORNER RECORD
- CR MEASURED
- M OFFICIAL RECORDS
- O.R. BOOK OF RECORD OF SURVEYS
- RS
- R1 172 RS 4
- R2 CR 3031
- R3 INST NO. 2005-28236 O.R.

RECORDER'S STATEMENT
 FEE \$31.00
 FILED THIS 26th DAY OF JAN 2011.
 AT 1:07 PM IN BOOK 177 OF RECORD OF SURVEYS AT PAGES 30
 AT THE REQUEST OF PENFIELD & SMITH - ENGINEERS * SURVEYORS
 JOSEPH E. HOLLAND COUNTY CLERK-RECORDER-ASSESSOR SANTA BARBARA COUNTY
 BY: Thom Rom DEPUTY

15048-07RSM.dwg
 01-17-2011
COUNTY SURVEYOR'S STATEMENT
 THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH SECTION 8766 OF THE PROFESSIONAL LAND SURVEYOR'S ACT
 THIS 25th DAY OF January 2011.
 BY: Michael B. Emmons
 MICHAEL B. EMMONS COUNTY SURVEYOR
 P.L.S. NO. 5899



SURVEYOR'S STATEMENT
 THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT AT THE REQUEST OF CITY OF LOMPOC ENGINEERING DIVISION.
 JUSTIN P. HEIGHT
 P.L.S. NO. 6167
 1.17.2011



RECORD OF SURVEY
 OF THE REPLACEMENT OF STATION 117 OF THE CITY OF LOMPOC GIS CONTROL NETWORK IN THE CITY OF LOMPOC COUNTY OF SANTA BARBARA STATE OF CALIFORNIA
 SCALE: AS NOTED NOVEMBER 2010
Penfield & Smith
 Engineers - Surveyors - Planners
 Construction Management
 210 Enos Drive, Suite A, Santa Maria, CA 93454
 Phone: (805) 925-2345 Fax: (805) 925-1539
 SHEET 1 OF 1 SHEETS W.O. 15048.07

256689 087-183-008