

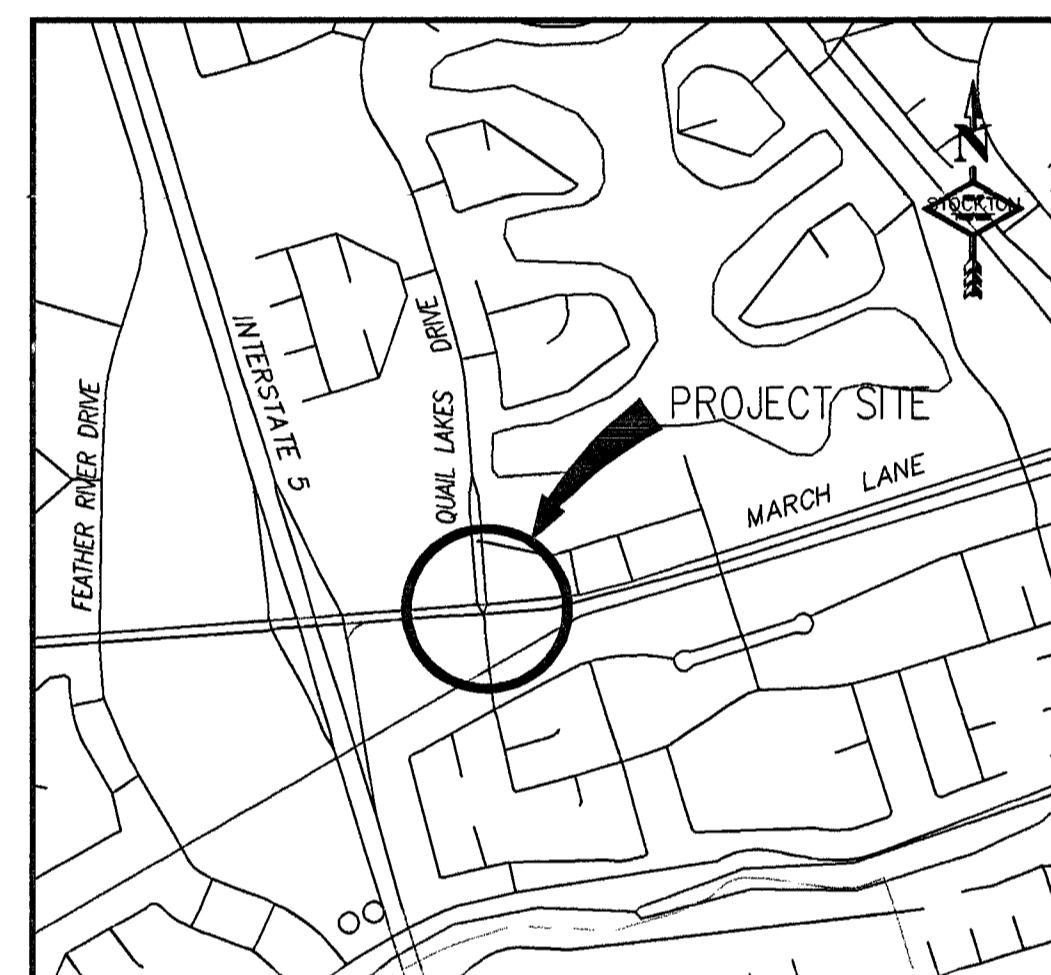
CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

PROJECT PLANS FOR
TRAFFIC SIGNAL AND SAFETY LIGHTING MODIFICATIONS
AT MARCH LN & QUAIL LAKES DR (DA VINCI DR)

PROJECT NO. 98-21
FEDERAL PROJECT NO. STPLGH 5008(033)

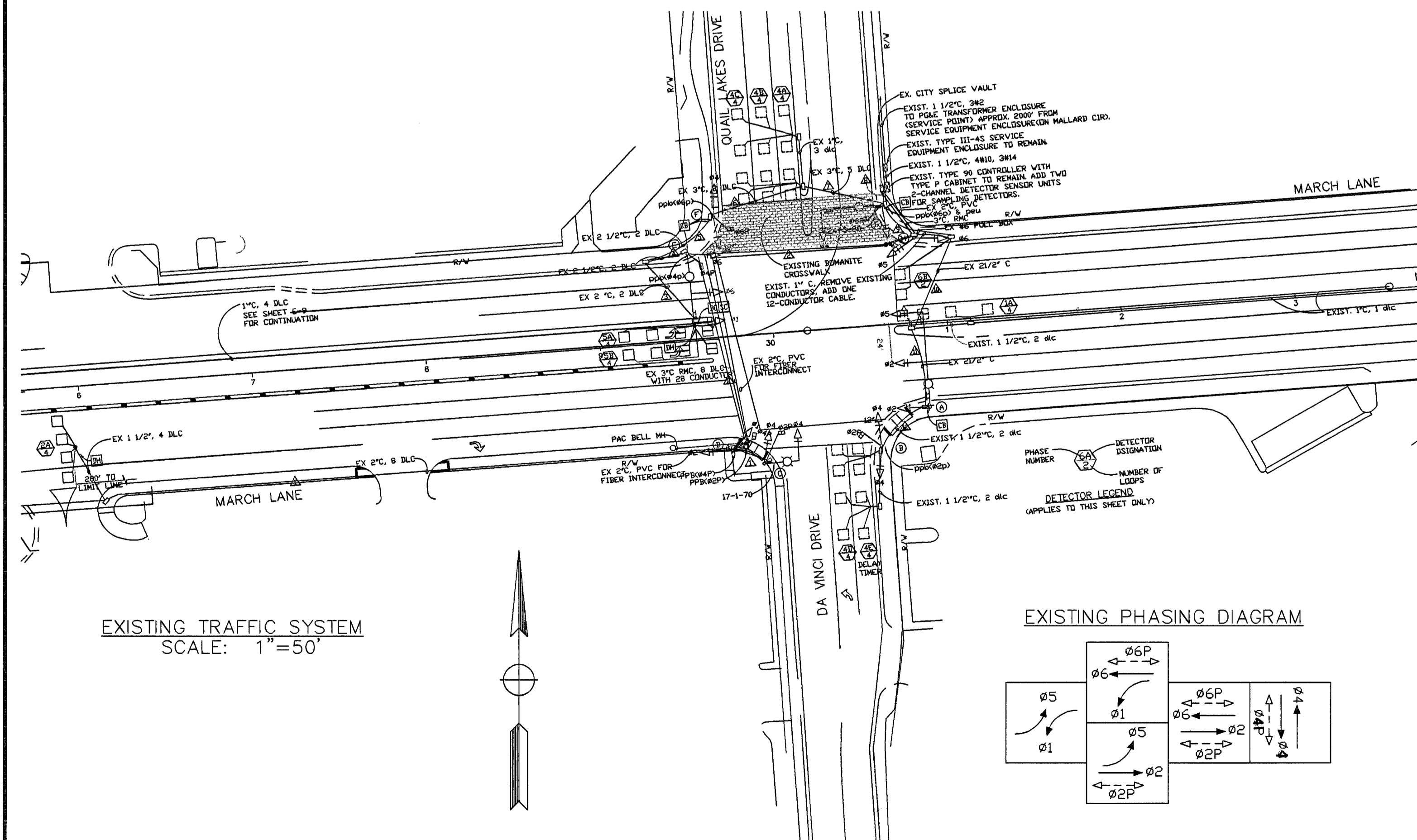
INDEX

NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL LAYOUT SHEET



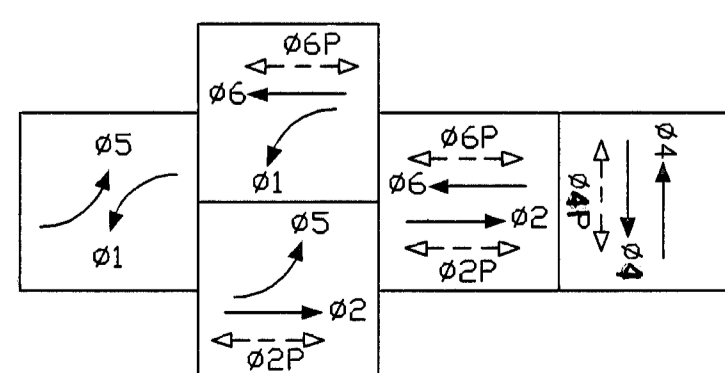
GENERAL NOTES

- ALL WORK AND MATERIAL INDICATED SHALL BE DONE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE CITY OF STOCKTON, DEPARTMENT OF PUBLIC WORKS, STANDARD SPECIFICATIONS, AND THE JULY 1992 EDITION OF CALTRANS STANDARD PLANS AND SPECIFICATIONS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS OF THIS PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY PG&E AND OTHER EFFECTED UTILITY COMPANIES PRIOR TO THE START OF WORK (USA 1-800-624-2444). ALL UTILITY LOCATIONS SHOWN ARE ONLY APPROXIMATE AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN THEIR EXACT LOCATION AND PROTECT THEM FROM DAMAGE.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION ENGINEER, GREGG HALLADAY, AT LEAST 72 HOURS PRIOR TO CONSTRUCTION AT 937-8279 TO ARRANGE A PRE-CONSTRUCTION CONFERENCE.
- THE CONTRACTOR SHALL PROVIDE FOR A MIN. OF ONE LANE OF THROUGH TRAFFIC ON DA VINCI DRIVE IN EACH DIRECTION DURING THE CONSTRUCTION PERIOD.
- EXISTING TRAFFIC SIGNAL SYSTEMS SHALL BE KEPT IN EFFECTIVE OPERATION DURING THE PROGRESS OF THE WORK, EXCEPT WHEN SHUT DOWN IS PERMITTED. THE TRAFFIC SIGNAL SHUTDOWN SHALL BE PERMITTED ONLY DURING WIRING OF NEW CONDUCTORS, UNLESS PRIOR APPROVAL IS OBTAINED FROM THE ENGINEER.
- CONTRACTOR SHALL REPLACE OLD PARTS AND EQUIPMENT, IF NEEDED TO MAKE THE TRAFFIC SIGNAL FUNCTIONAL.
- CONTRACTOR SHALL DELIVER ALL SALVAGEABLE TRAFFIC SIGNAL MATERIAL EQUIPMENT AND SIGNS TO THE CITY CORP. YARD AT 1465 LINCOLN ST., STOCKTON, CA, EXCEPT THE EXISTING 30' MAST ARM.
- CONTRACTOR SHALL INSTALL RIGID METAL CONDUITS FOR EXTENSIONS WHERE EXISTING CONDUITS ARE RIGID (SEE CITY'S STD 111 FOR PULL BOXES).
- ALL NEAR SIDE POLE-MOUNTED TRAFFIC SIGNAL HEADS AND ALL POLE MOUNTED HEADS ON MAST ARMS SHALL HAVE 8" INDICATIONS, UNLESS OTHERWISE NOTED. ALL OTHER VEHICLE INDICATIONS SHALL BE 12 INCH. ALL SIGNAL HEADS SHALL HAVE VENTILATED BACK PLATES.
- THE FRONT TWO LOOPS IN A 5AQ INSTALLATION SHALL BE QUADRAPOLE. ALL LOOPS SHALL BE WRAPPED IN THE SLOTS IN THE SAME DIRECTION, CLOCKWISE TO THE FLOW OF TRAFFIC.
- THE EXACT LOCATION OF SIGNAL STANDARDS, LOOPS AND APPURTENANCES SHALL BE APPROVED IN THE FIELD BY THE ENGINEER.
- CONTRACTOR SHALL REINSTALL ALL REUSABLE MATERIALS & EQUIPMENT TO MAKE THE TRAFFIC SIGNAL FUNCTIONAL PER CITY OF STOCKTON SIGNAL SPECIFICATIONS.
- ALL NEW RED VEHICLE SIGNAL INDICATIONS SHALL BE LED DISPLAY.
- THE CONTRACTOR SHALL MAKE AN ON-SITE INSPECTION PRIOR TO PROVIDING ANY BIDS TO DETERMINE ANY AND ALL ITEMS NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB.
- ALL POLE BOXES SHALL BE NUMBER 5 UNLESS OTHERWISE NOTED ON PLAN.
- CONDUIT RUNNING FROM PULL BOX TO HAND HOLE AND HAND HOLE TO HAND HOLE SHALL BE A MINIMUM 1.5" DIA. UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL POTHOLE, BY HAND, EXISTING UTILITIES TO VERIFY LOCATION PRIOR TO CONSTRUCTION.
- EXISTING POLE TO BE REMOVED SHALL HAVE FOUNDATIONS REMOVED TO A MINIMUM OF 1.5' FROM FINISHED GRADE. CONTRACTOR SHALL CUT-OFF THE FOUNDATION'S BOLTS.
- ABANDONED DETECTOR LOOPS SHALL BE SAWCUT IN A MINIMUM OF TWO CORNERS.
- REMOVE ALL EXISTING DLC'S RELATED TO THE ABANDONED DETECTORS (RUN 12,11,10,AND 9) AND INSTALL NEW DLC'S PER SPECIAL PROVISIONS, FOR NEW DETECTORS.
- CONTRACTOR SHALL PROTECT IN PLACE ALL WHEELCHAIR RAMPS, CURBS, GUTTERS, AND SIDEWALKS. ANY DAMAGE DURING CONSTRUCTION MUST BE RECONSTRUCTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY.
- CONTRACTOR SHALL CONTACT MR. TIBOR BODA AT 209-948-7454, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, CORPORATION YARD 24-HOURS PRIOR TO DELIVER THE EXISTING 30' MAST ARM (POLE C), AT 1604 SOUTH B STREET, STOCKTON, CALIFORNIA 95206.
- CONTRACTOR SHALL CONTACT THE CITY OF STOCKTON CORPORATION YARD 24-HOURS PRIOR TO PICK UP CITY FURNISHED 35' MAST ARM.

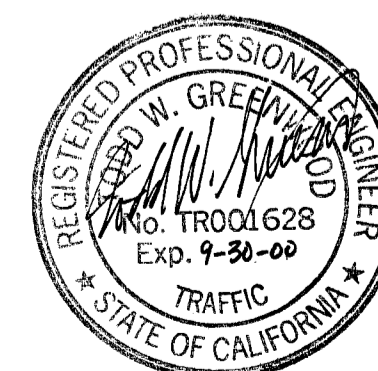


EXISTING TRAFFIC SYSTEM
SCALE: 1"=50'

EXISTING PHASING DIAGRAM



INSPECTOR PC
AS BUILT BY: PC
DATE 2-2-00



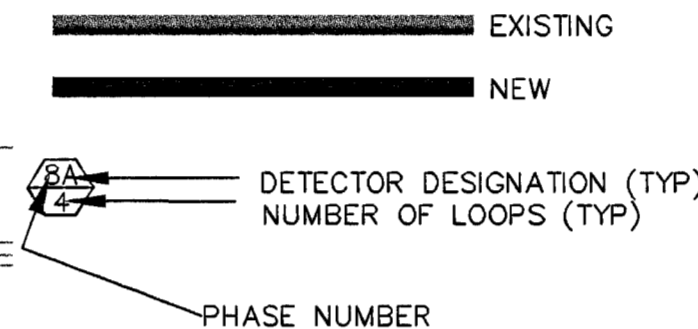
MARCH LN & QUAIL LAKES DR (DA VINCI DR) TRAFFIC SIGNAL MODIFICATIONS		
TITLE SHEET		
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		
SCALE	APPROVED BY: <u>2/5/99</u> DATE	SHEET NO. 1
DESIGNED BY		OF 2 SHEETS
DRAWN BY <u>PC</u>	<u>Paul M. Schmalz</u> CITY ENGINEER	98-21
CHECKED BY <u>TG</u>	STOCKTON, CALIFORNIA	JOB NO.
RECORD DWGS.		

4099C

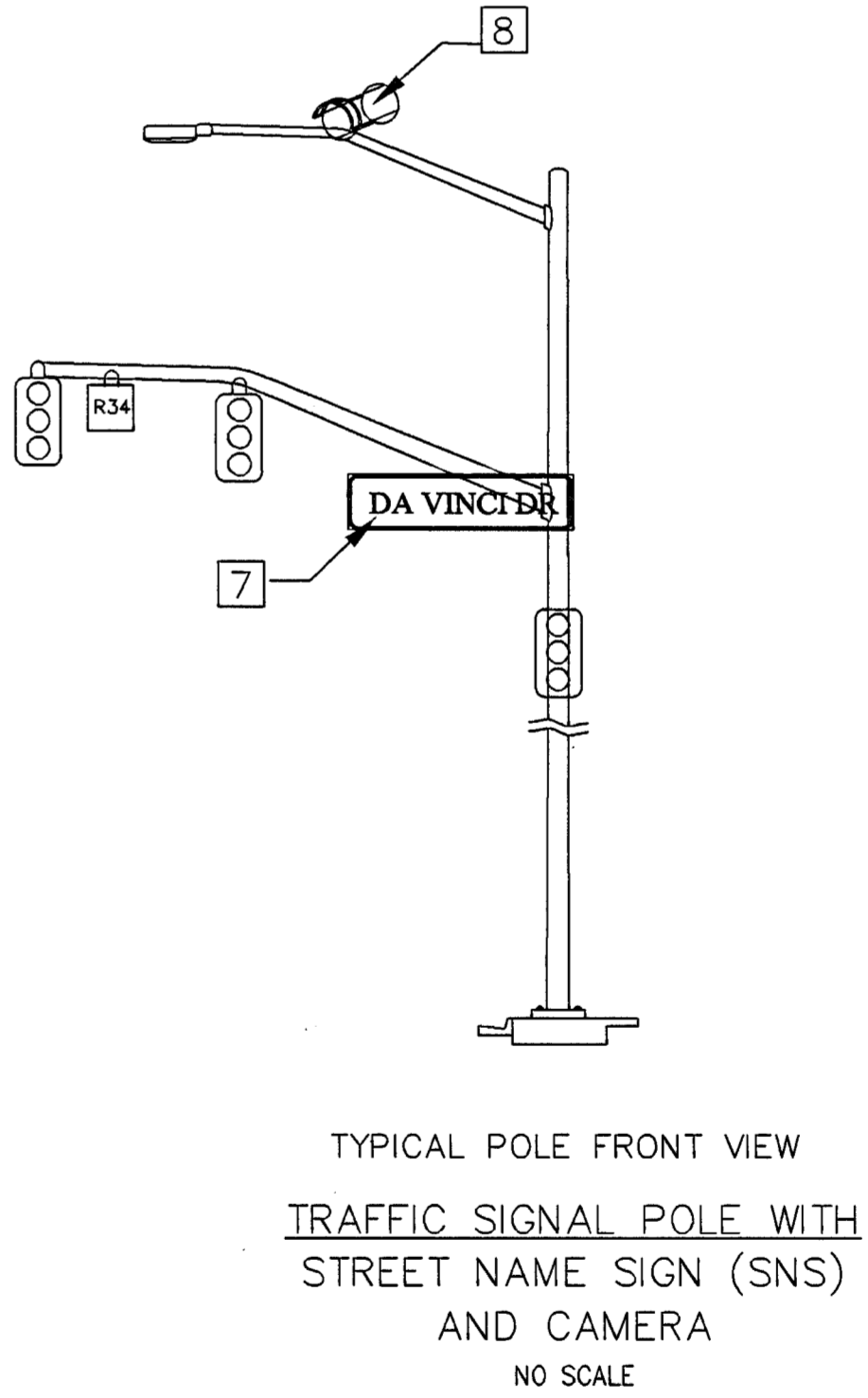
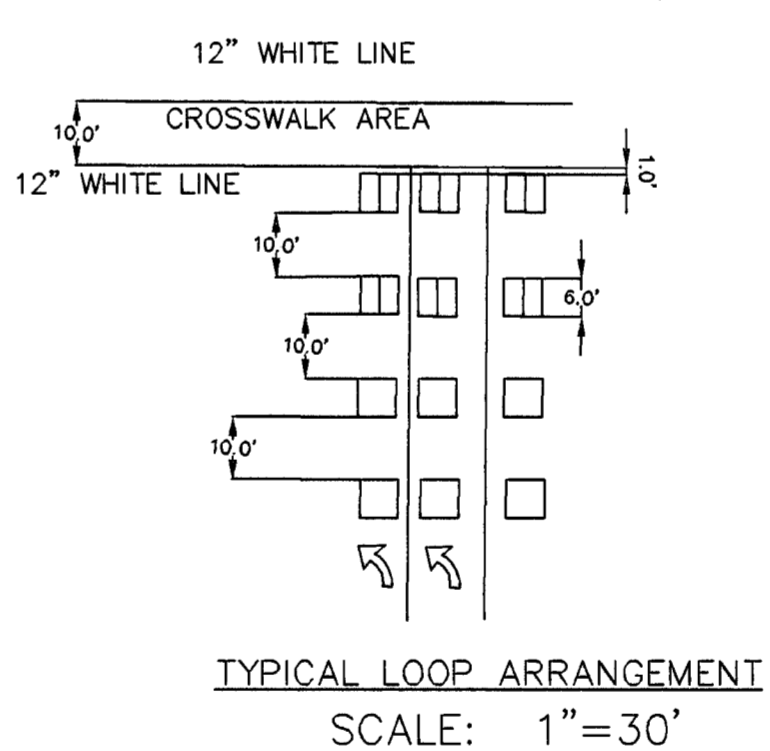
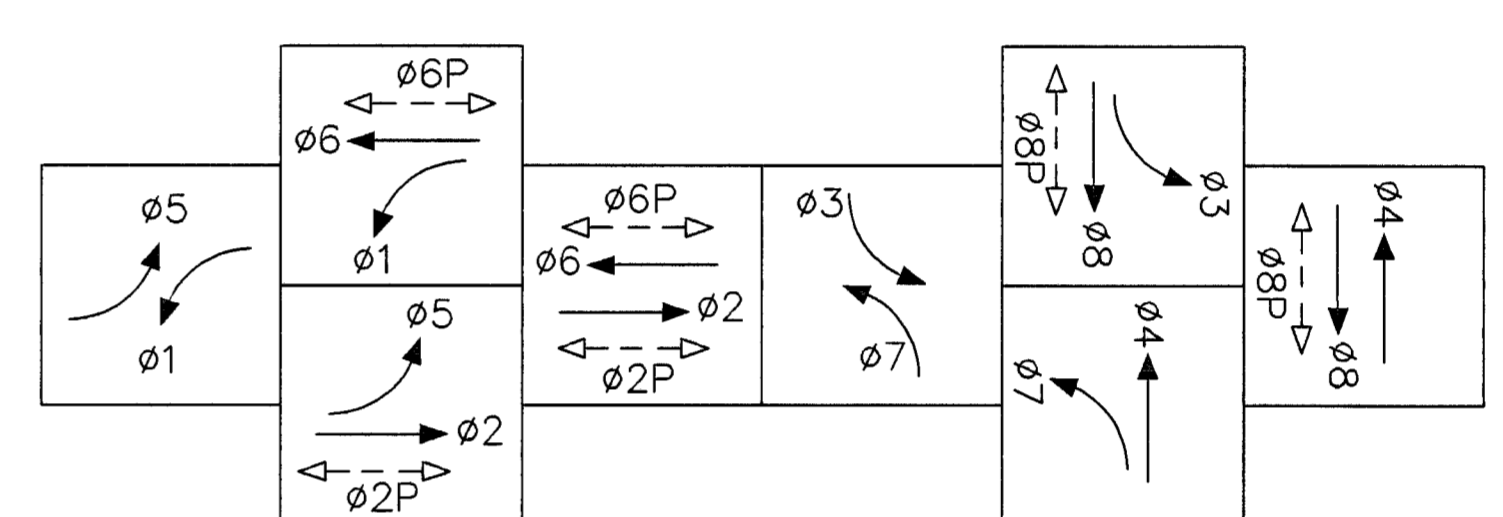
4099C TO 4099 J.C.
 MARCH LANE & QUAIL LAKES DRIVE (DA VINCI DRIVE)
 TRAFFIC SIGNAL AND SAFETY LIGHTING MODIFICATION
 PROJECT 98-21
 STPLGH5008(033)
 FEBRUARY 5, 1999
 FARNEZ CHITSANAN

CONSTRUCTION NOTES:

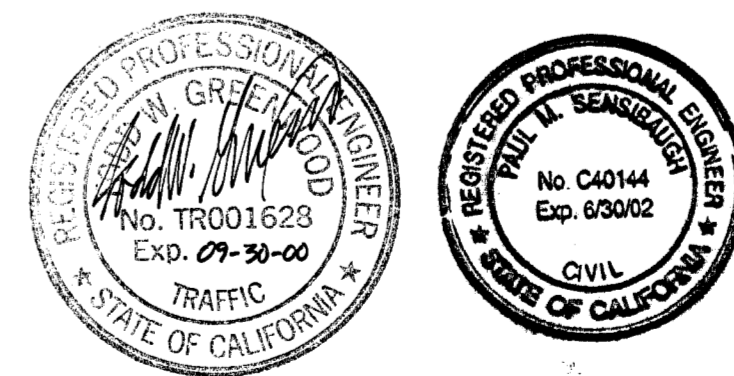
- 1 - REMOVE EXISTING STRIPING IN CONFLICT WITH THE PLAN.
- 2 - INSTALL MAST ARM POLE 19-4-80 (INCLUDING FOUNDATION) WITH 15' LUMINAIRE & 25' SIGNAL ARM. WHERE EXISTING POLE LOCATED.
- 3 - REMOVE AND SALVAGE EXISTING MAST ARM AND REPLACE IT WITH CITY FURNISHED, 35' MAST ARM. THE CONNECTION SHALL CONFORM WITH JANUARY 1978 EDITIONS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AND THE MARCH 1977 EDITIONS OF THE STANDARD PLANS. (SEE THE SPECIAL PROVISIONS FOR THIS PROJECT). CONTRACTOR SHALL INSTALL NEW TRAFFIC SIGNAL HEADS FOR PHASES 7 & 4.
- 4 - REPLACE EXISTING 12" SOLID BALL LENSES WITH 12" LEFT-TURN ARROW LENSE FOR PHASES 3 & 7.
- 5 - ABANDON EXISTING LOOPS AND INSTALL NEW LOOPS AS SHOWN (SEE DETAIL BELOW).
- 6 - CONTRACTOR SHALL ENSURE PROPER FUNCTIONING OF THE NEW LOOPS IN THE CABINET FOR THE NORTHBOUND APPROACH. THE CONTRACTOR SHALL SUPPLY AND INSTALL ONE 4-CHANNEL DETECTOR AMPLIFIER.
- 7 - CONTRACTOR SHALL REINSTALL THE EXISTING STREET NAME SIGNS ON NEW MAST ARM POLES (SEE MOUNTING DETAIL IN SPECIAL PROVISIONS).
- 8 - CONTRACTOR SHALL REMOVE THE EXISTING CAMERA FROM EXISTING SIGNAL POLE AND REINSTALL THE CAMERA ON NEW SIGNAL POLE.
- 9 - AS PART OF THE CABINET WIRING CHANGES, THE CONTRACTOR SHALL BUNDLE THE CABLES/CONDUITS TO RESTORE TO THE PRE-JOB CONDITION.
- 10 - INSTALL NEW TYPE A DETECTOR HANDHOLES.
- 11 - REWIRE EXISTING PEDESTRIAN PHASE 4 AS PEDESTRIAN PHASE 8, IN CONTROLLER CABINET.
- 12 - REWIRE EXISTING VEHICLE PHASE 4 AS VEHICLE PHASE 8, IN CONTROLLER CABINET.
- 13 - INSTALL NEW TYPE A DETECTOR HANDHOLES (WITHOUT DAMAGING EXISTING LOOPS AND CONDUITS), WITH PULL ROPE, FOR FUTURE USE.
- RS - REMOVE AND SALVAGE
- AB - ABANDON CONDUIT



NEW PHASING DIAGRAM

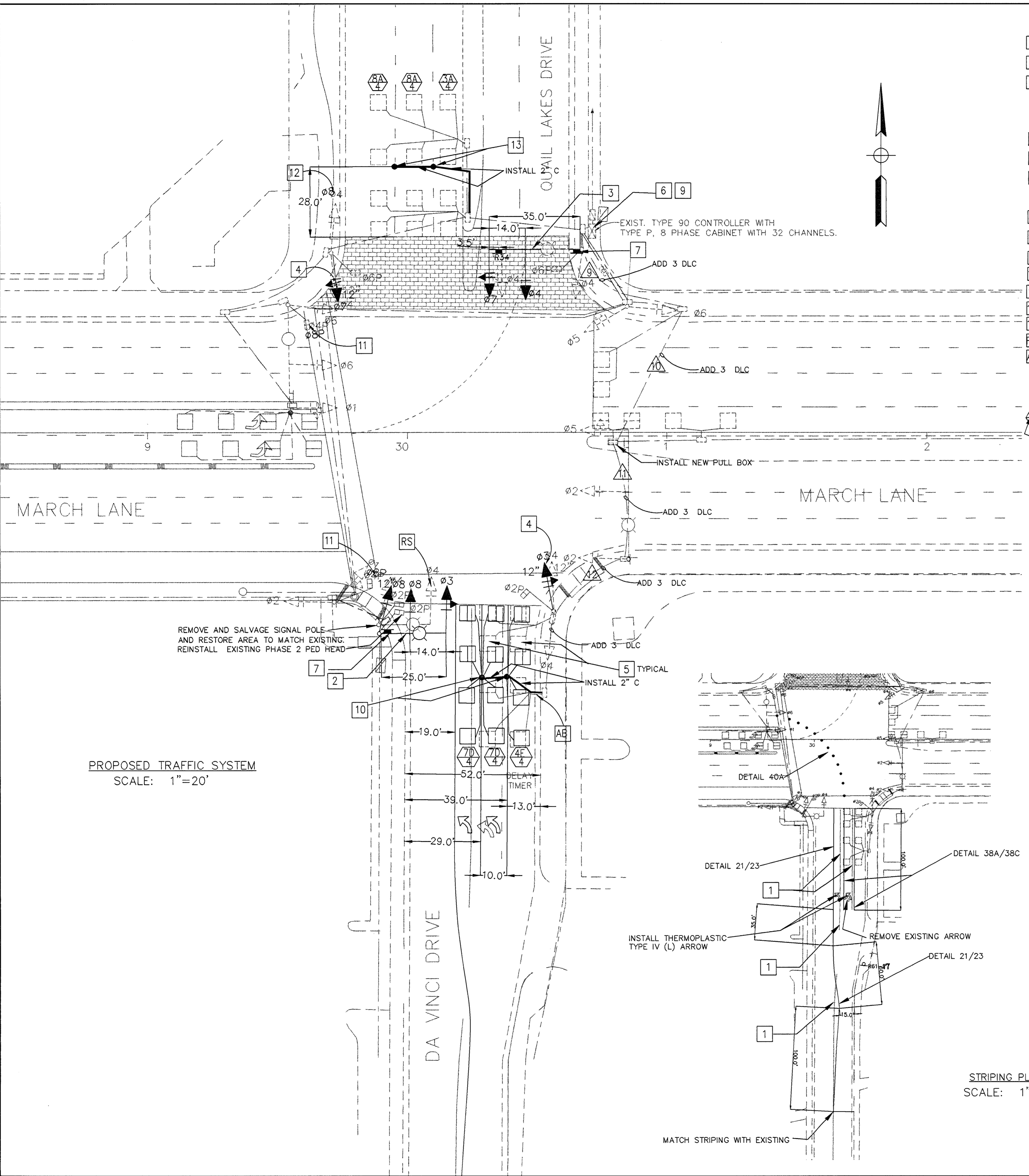


INSPECTOR PC
 AS BUILT BY: PC
 DATE 2-2-00



**MARCH LANE & DA VINCI DRIVE (QUAIL LAKE DRIVE)
 SIGNAL MODIFICATION**

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: <u>Paul M. Small</u> DATE: <u>2/15/00</u>	SHEET NO. <u>2</u> OF 2 SHEETS
SCALE	DESIGNED BY: <u>PC</u>	CITY ENGINEER STOCKTON, CALIFORNIA	
DRAWN BY: <u>PC</u>	CHECKED BY: <u>TG</u>	PROJECT NO. <u>98-21</u>	
RECORD DWGS.			



PROPOSED TRAFFIC SYSTEM
 SCALE: 1"=20'

STRIPING PLAN
 SCALE: 1"=50'

4099.1C
 MARCH LANE & QUAIL LAKES DRIVE (DA VINCI DRIVE)
 PROJECT SIGNAL & SAFETY LIGHTING MODIFICATION
 PROJECT NO. 98-21
 DATE: FEBRUARY 15, 1999
 DRAWN BY: PAUL M. SMALL

4099.1C