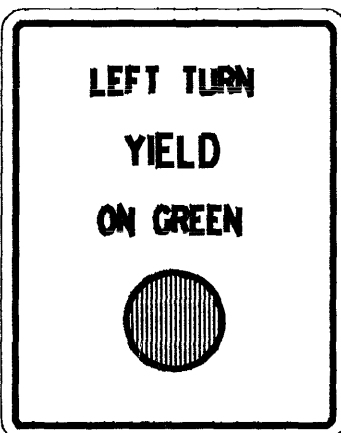


CONSTRUCTION NOTES:

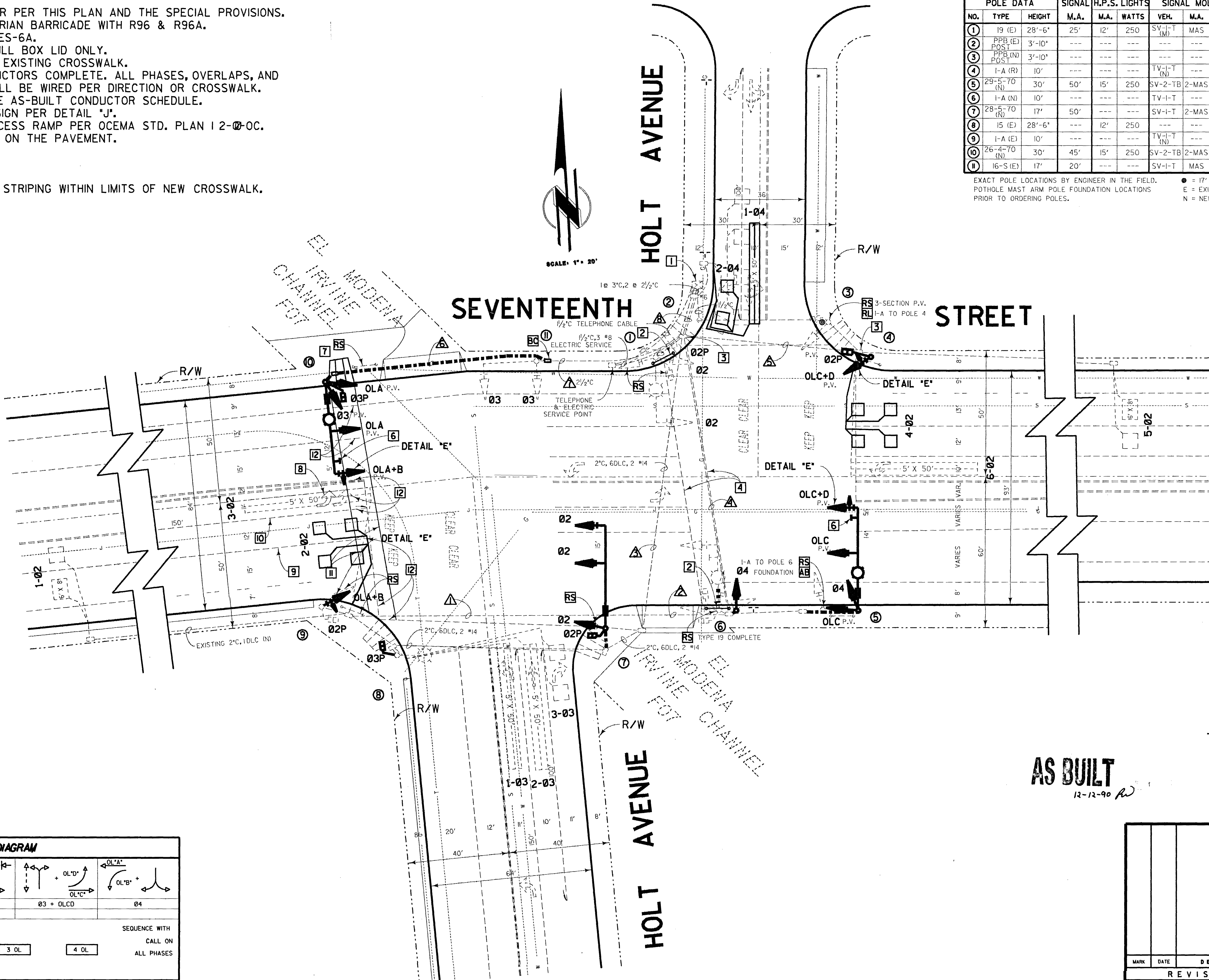
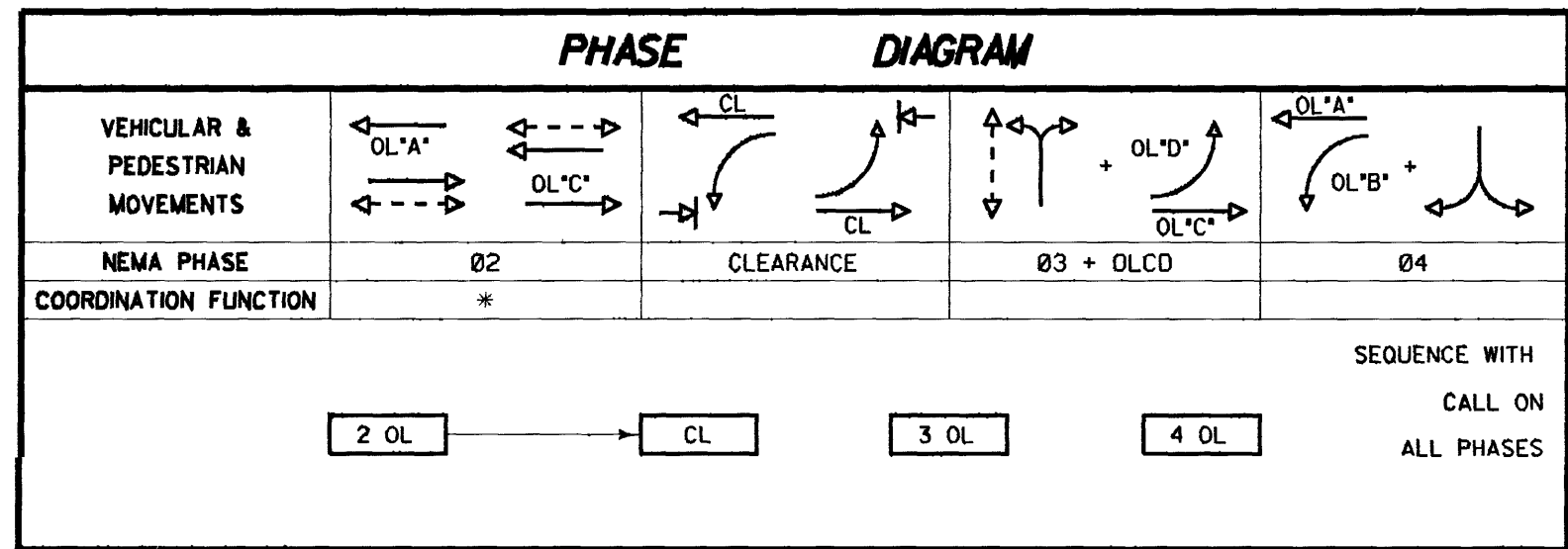
1. MODIFY TRAFFIC CONTROLLER PER THIS PLAN AND THE SPECIAL PROVISIONS.
2. FURNISH & INSTALL PEDESTRIAN BARRICADE WITH R96 & R96A. PER CALTRANS STD. PLAN ES-6A.
3. FURNISH & INSTALL NEW PULL BOX LID ONLY.
4. SANDBLAST & REMOVE THE EXISTING CROSSWALK.
5. REWIRE INTERSECTION CONDUCTORS COMPLETE. ALL PHASES, OVERLAPS, AND PEDESTRIAN CROSSINGS SHALL BE WIRED PER DIRECTION OR CROSSWALK. CONTRACTOR SHALL PROVIDE AS-BUILT CONDUCTOR SCHEDULE.
6. FURNISH & INSTALL RI46Z SIGN PER DETAIL "J".
7. CONSTRUCT WHEELCHAIR ACCESS RAMP PER OCEMA STD. PLAN 12-0-OC.
8. STENCIL LEFT TURN ARROW ON THE PAVEMENT.
9. PAINT 4" SOLID WHITE.
10. PAINT 8" SOLID WHITE.
11. PAINT 12" SOLID WHITE.
12. SANDBLAST & REMOVE ALL STRIPING WITHIN LIMITS OF NEW CROSSWALK.



RI46Z

36" X 45" BLACK ON WHITE WITH GREEN DOT

"DETAIL J"



AS BUILT
12-12-90

GENERAL NOTES:

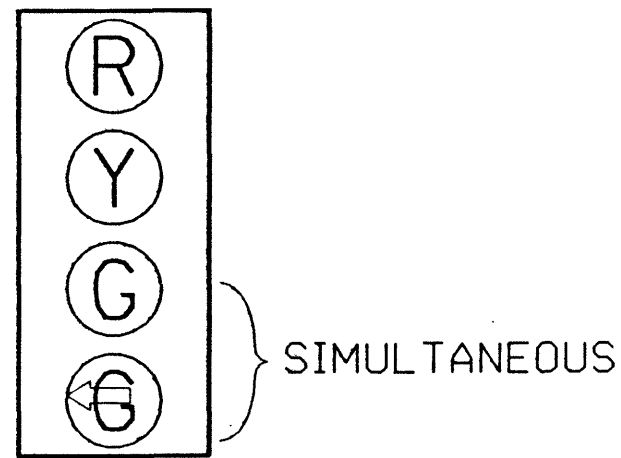
SEE SHEET 5

1/2 0 1 2
3 inches on original drawing

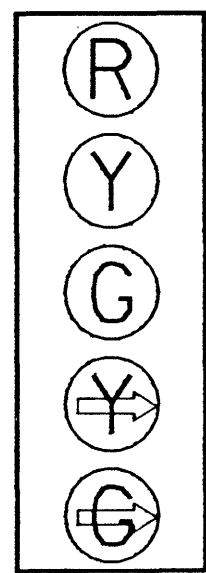
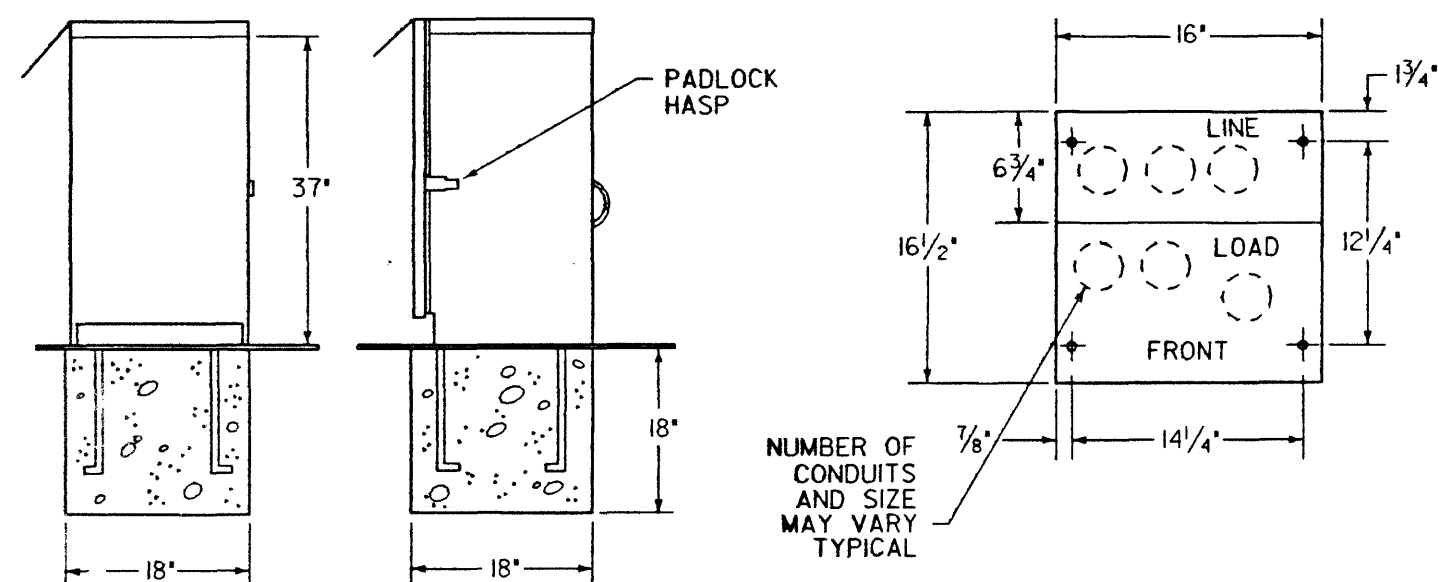
ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
SEVENTEENTH STREET AT HOLT AVENUE	
SIGNAL MODIFICATION PLAN	
MARK	DATE
REVISIONS	
DESIGNED	SCALE
DRAWN	CHECKED
SUPERVISOR	
DATE	
W. O. NO.	
R0065	
SHEET 4 OF 5	

DETAIL A
4-SECTION SIGNAL HEAD

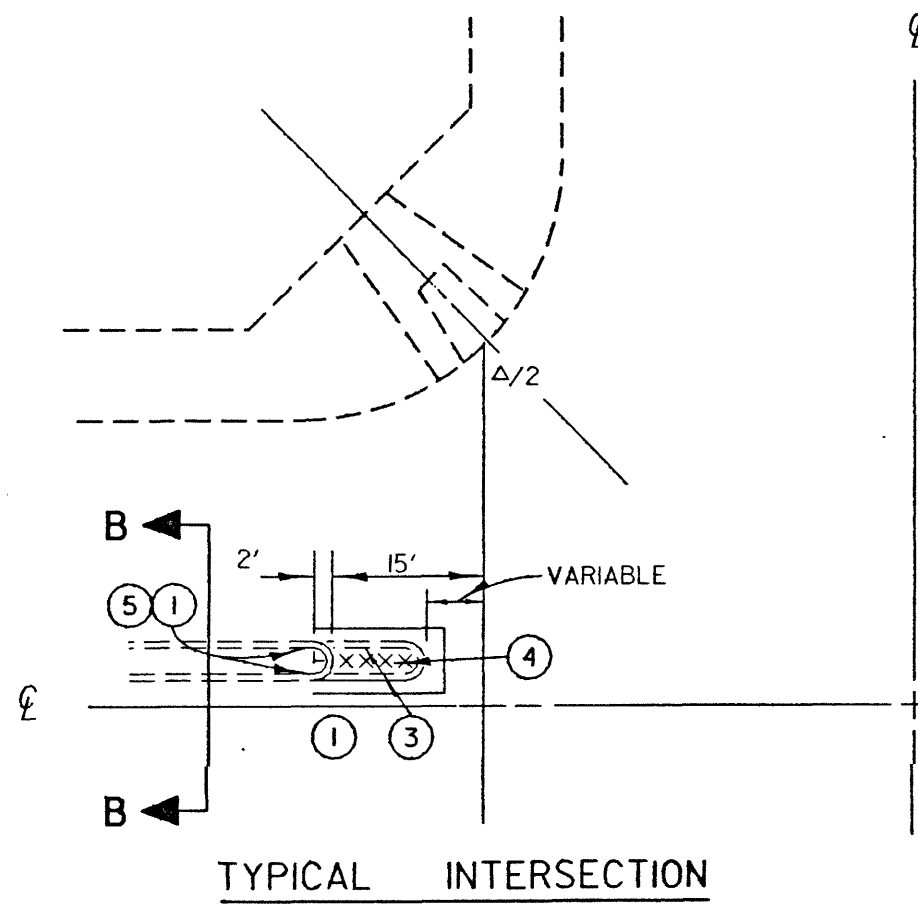
12" LENSES

DETAIL E
5-SECTION SIGNAL HEAD

12" LENSES

DETAIL F
INTERCONNECT SPICE CABINET

- FOUNDATION TO BE 18" X 18". BOLT CIRCLE PER MFG. TEMPLATE.
- ENCLOSURE SHALL BE FURNISHED WITH A DETACHABLE MOUNTING BASE.
- ALL FACTORY INSTALLED COMPONENTS SHALL BE U.L. LISTED OR PER PUBLISHED N.E.C. STANDARDS.
- A 3/4" CONSTRUCTION GRADE PLYWOOD PANEL SHALL BE FASTENED TO THE REAR WALL. PANEL SHALL BE 12" X 24" AND SHALL HAVE A NO. M-25 AND R-841 STANDOFF FASTENED IN THE CENTER OF THE PANEL.
- ENCLOSURE FINISH SHALL CONFORM TO A.S.T.M. B-117. COLOR SHALL BE PORCELAIN WHITE.
- PROVIDE 1/2" CONDUIT FOR FUTURE 115 VAC SERVICE.

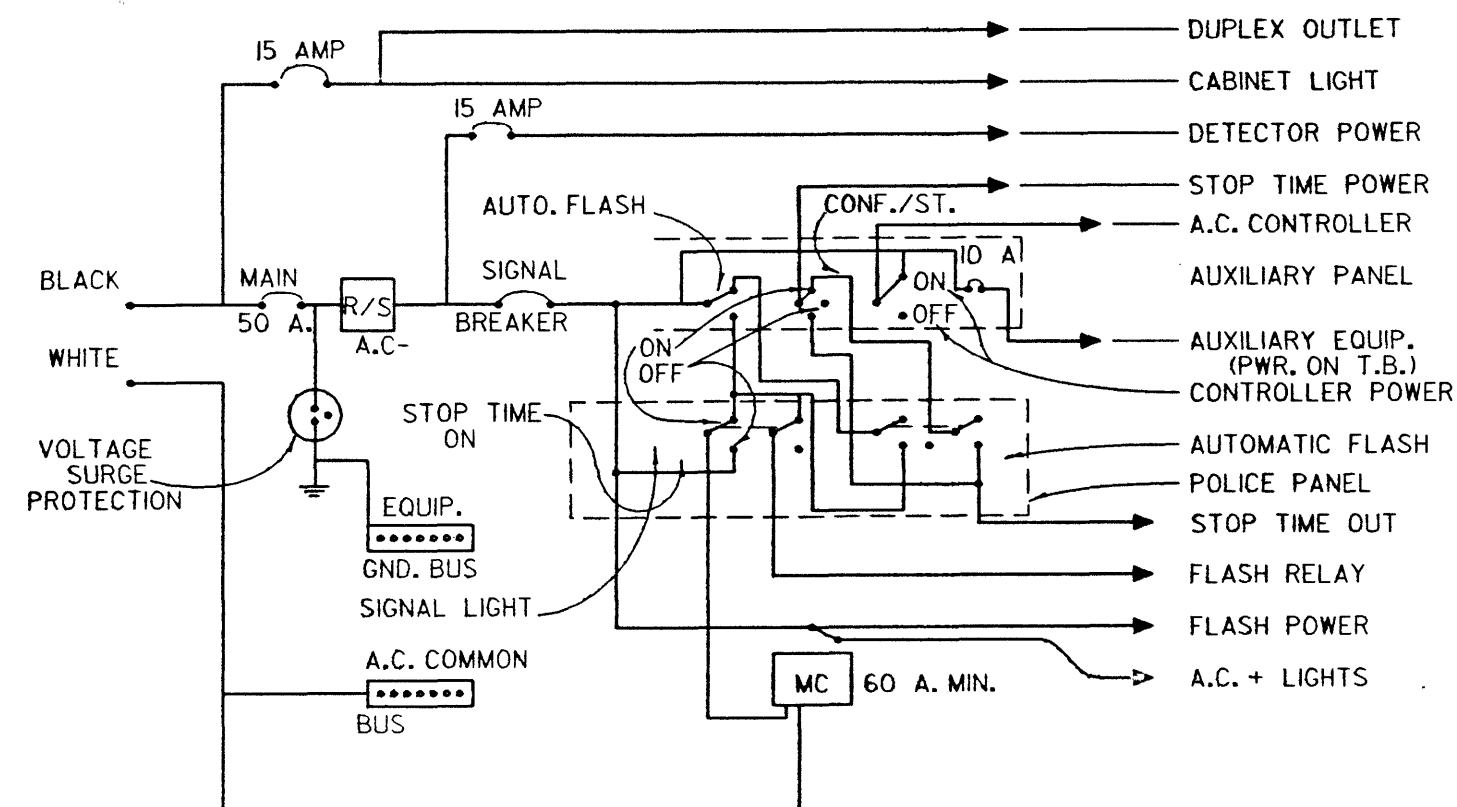
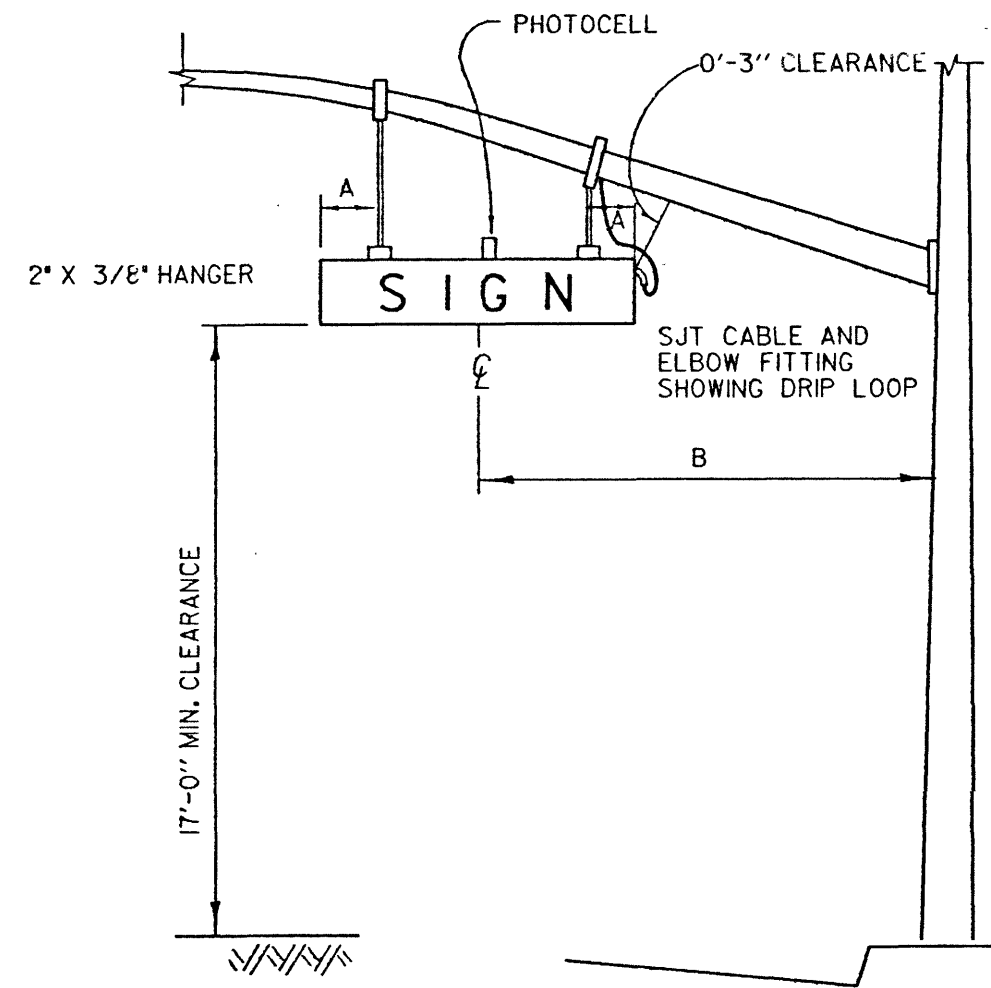
DETAIL B
INTERSECTIONS RAISED MEDIAN

TYPICAL INTERSECTION

SECTION B - B

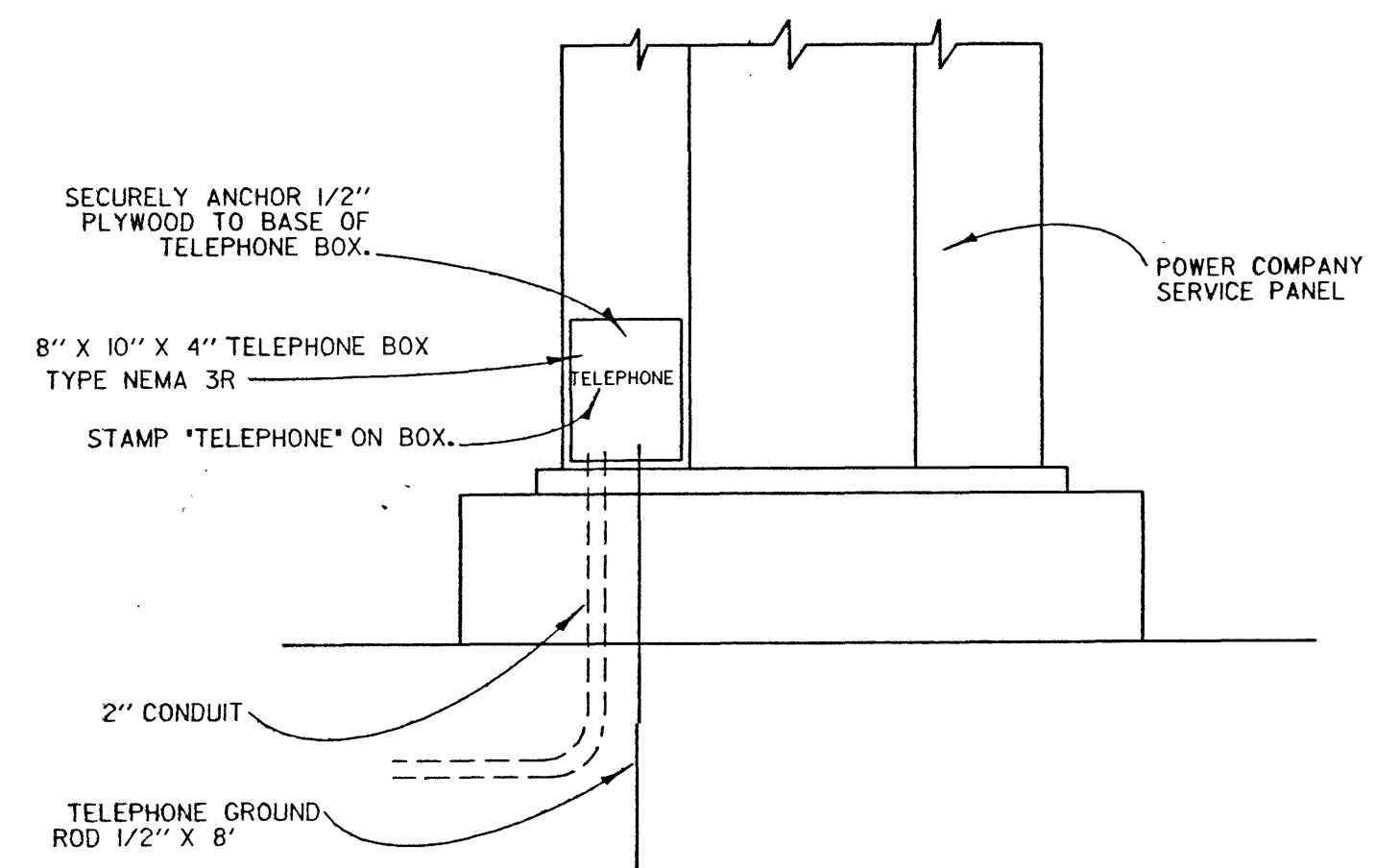
CONSTRUCTION NOTES - DETAILS A & B

- SAWCUT AND JOIN EXISTING
- CONSTRUCT SIDEWALK ACCESS RAMP
- REMOVE CONCRETE
- CONSTRUCT 0.85' AC OVER NATIVE SOIL
- CONSTRUCT TYPE CI-8 CONCRETE CURB PER APWA STD. 104-0

DETAIL G
CONTROLLER CABINET WIRINGDETAIL C
STREET NAME SIGN COMPONENTS

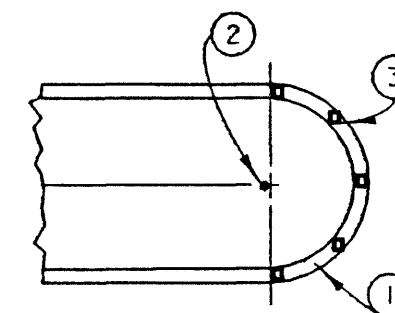
NOTES - DETAIL C

- 1'-6" MINIMUM
- 10'-6" CENTERLINE OF SIGN TO FACE OF POLE

DETAIL D
TELEPHONE SERVICE BOX

GENERAL NOTES: Δ

- ALL WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA, DEPT. OF TRANSPORTATION, STANDARD PLANS AND STANDARD SPECIFICATIONS DATED JULY 1984 AND THE SPECIAL PROVISIONS FOR THIS PROJECT.
- CONDUCTOR SCHEDULE IS FURNISHED AS AN INSTALLATION GUIDE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
- UTILITIES SHOWN ON THESE PLANS ARE CORRECT AND ACCURATE TO THE EXTENT OF AVAILABLE RECORDS AND KNOWLEDGE. THE CONTRACTOR, HOWEVER, IS REQUIRED TO ASCERTAIN THE EXACT LOCATION OF UNDERGROUND FACILITIES PRIOR TO DOING WORK THAT MAY DAMAGE SUCH FACILITIES OR INTERFERE WITH THEIR SERVICE.
- 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ORANGE COUNTY E.M.A. FOR INSPECTION AT 567-7800.
- THE ENGINEER SHALL APPROVE CONTROLLER, POLE, PULLBOX AND LOOP DETECTION IN THE FIELD PRIOR TO INSTALLATION.
- ALL CONDUIT SHALL BE 2" UNLESS OTHERWISE NOTED.
- ALL PULL BOXES SHALL BE #5 UNLESS OTHERWISE NOTED.
- ALL SALVAGED EQUIPMENT SHALL BE DELIVERED BY CONTRACTOR TO ORANGE COUNTY YARD AT 1152 EAST FRUIT ST, SANTA ANA, CA. CONTRACTOR SHALL GIVE A 48-HOUR NOTICE TO THE COUNTY PRIOR TO THE DELIVERY DATE.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY TELEPHONE AND ELECTRICAL SERVICE LINES AND INTERCONNECT HOOK-UPS BETWEEN THE LOCAL CONTROLLER AND THE SYSTEM MASTER.
- PEDESTRIAN INDICATION SHALL BE INTERNATIONAL SYMBOL.
- PEDESTRIAN PUSH BUTTON SHALL BE TYPE B WITH INTERNATIONAL SYMBOL PLATE.
- ALL VEHICLE INDICATIONS SHALL BE 12" WITH BACKPLATES, GLASS REFLECTORS, AND GLASS LENSES, UNLESS SHOWN OTHERWISE.
- CONTRACTOR SHALL POTHOLE CONFLICTING UTILITIES AS DIRECTED BY ENGINEER.
- PRIOR TO ORDERING POLES, CONTRACTOR SHALL AVOID DAMAGING EXISTING UTILITIES (SEE SPECIAL PROVISIONS).
- INDUCTIVE LOOPS SHALL BE 6' X 6' WITH 10' SPACING IN THE DIRECTION OF TRAVEL UNLESS OTHERWISE NOTED.
- ALL DETECTOR CABLE HOMERUNS SHALL BE IN THE CROSSWALK AREA.
- ALL ADVANCE DETECTOR LOOPS SHALL BE DOUBLE TURN (2-4-2).

DETAIL H
RAISED MEDIAN MARKING

NOTES - DETAIL H

- PAINT MEDIAN NOSE WITH HIGHLY REFLECTIVE PREMIXED WHITE TRAFFIC PAINT WITH GLASS BEADS.
- INSTALL FLEXIBLE VERTICAL TYPE K MARKER, R7, R10 OR TYPE N-10N TELESAR POST AS INDICATED ON PLAN.
- INSTALL YELLOW REFLECTIVE PAVEMENT MARKERS ON TOP SURFACE OF MEDIAN CURB NOSE AT 2' C.C. SPACING (MINIMUM 5 MARKERS). PLACE REFLECTIVE SURFACE OF MARKERS PARALLEL TO C OF ROADWAY.

1 1/2 0 1 2
3 inches on original drawing

REVISIONS		SCALE		DATE		SHEET	
3-29-88	ADDED NOTE 17.	AS SHOWN	JAN 90	W. O. NO.	5	OF 5	
4-4-88	DELETED TYPE 11 SERVICE.						
12-8-88	ADDED INTERCONNECT SPICE CABINET.						
	MODIFIED INTERCONNECT SPICE CABINET.						

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

DETAIL SHEET

DESIGNED: E. BASUBAS
DRAWN: M. NGUYEN
CHECKED: L. NATSUHARA

SCALE: AS SHOWN
DATE: JAN 90
W. O. NO.: RIO066, RIO065, RIO060

RECEIVED PROFESSIONAL ENGINEER
L. NATSUHARA
No. 42679
Exp. 3-31-92