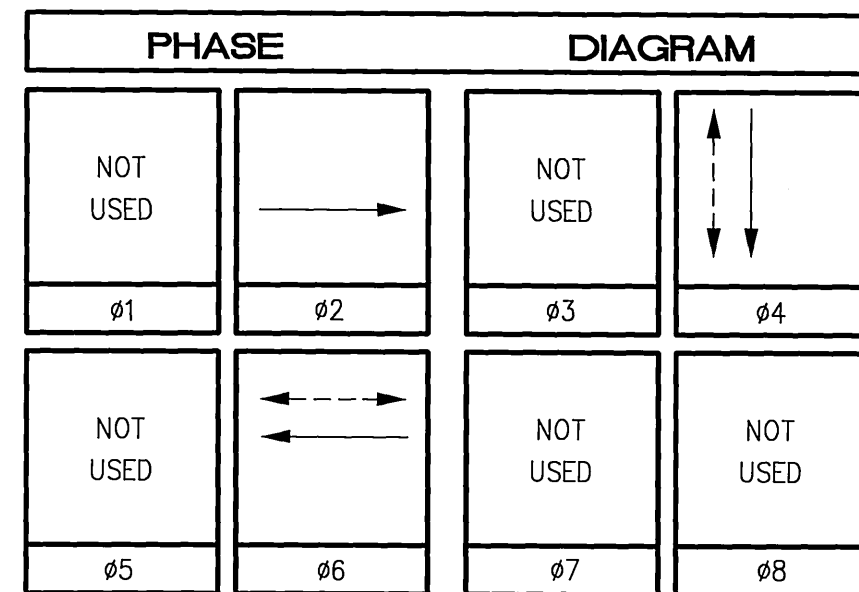


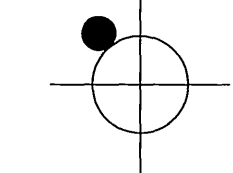
CONDUCTOR		TABLE						
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS						
		1	2	3	4	5	6	7
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 CONDUCTOR IMSA	-	-	-	1	3	2	1
	9 CONDUCTOR IMSA	-	-	-	-	-	-	-
	5 CONDUCTOR IMSA	1	1	1	1	1	-	-
	3 CONDUCTOR IMSA	-	1	2	3	4	1	-
DETECTOR CABLE	#16/2	-	-	-	-	-	-	-
PHASE 2		-	-	-	2	-	-	-
PHASE 4		-	-	1	1	1	-	-
PHASE 6		2	2	2	2	2	-	-
TOTALS		2	2	3	3	5	-	-
ISNS	#12	-	-	-	2	-	2	-
LUMINAIRES	#8	-	-	-	2	-	2	2
EVPE CABLE	#20/4	-	-	-	-	2	2	2
SIGNAL SERVICE	#8	-	-	-	2	2	-	-
CONDUIT SIZE		2"	3"	3"	3"	2-3"	3"	2"



POLE						SCHEDULE						
No.	TYPE	STANDARD			LUMINAIRE HPS	ISNS LEGEND	SIGNAL MOUNTING			PPB PHASE	REMARKS	
		HGT.	SIG. M.A.	LUM. M.A.			VEHICLE	PED	AUDIBLE			
1	17-2-80	30'	20'	12'	250W	Donald Ave 3400	-	MAS	SV-1-T	SP-2-T	((C))/((P))	Ø4
2	PPB POST	3'10"	-	-	-	-	-	-	-	-	-	Ø6
3	PPB POST	3'10"	-	-	-	-	-	-	-	-	-	Ø6
4	1-A	7'	-	-	-	-	-	-	-	TP-1-T	((P))	-
5	17-2-80	30'	20'	12'	250W	-	-	MAS	SV-2-TB	-	-	-
6	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	((C))	Ø4

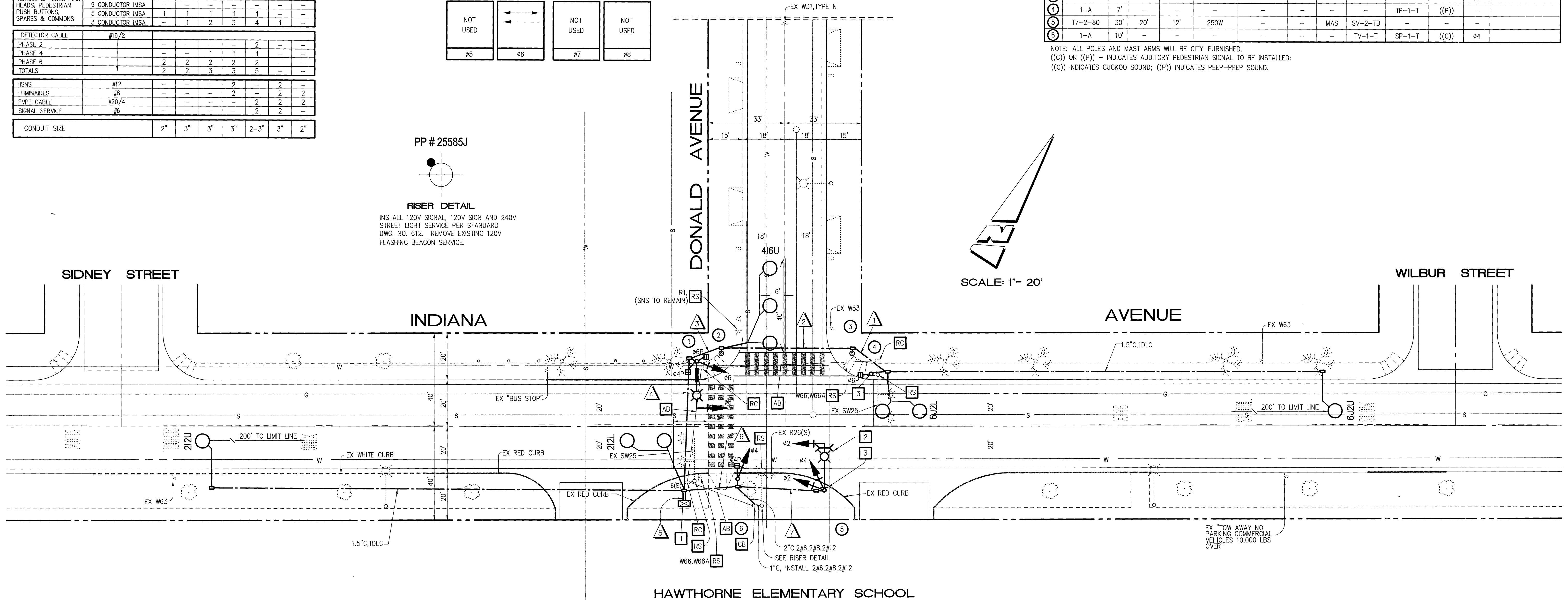
NOTE: ALL POLES AND MAST ARMS WILL BE CITY-FURNISHED.
 ((C)) OR ((P)) - INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED.
 ((C)) INDICATES CUCKOO SOUND; ((P)) INDICATES PEEP-PEEP SOUND.

PP # 25585J



RISER DETAIL

INSTALL 120V SIGNAL, 120V SIGN AND 240V STREET LIGHT SERVICE PER STANDARD DWG. NO. 612. REMOVE EXISTING 120V FLASHING BEACON SERVICE.



GENERAL NOTES:

- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- ALL SIGNING, STRIPING, AND PAVEMENT MARKINGS REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
- TYPICAL DETECTOR LOOP SPACING: 10', 15', 30' (WHERE APPLICABLE).
- PAVEMENT DELINEATION SHOWN HEREON IS FOR REFERENCE ONLY. CITY FORCES SHALL PERFORM ALL PERMANENT PAINTING (INSTALLATION AND REMOVALS) WORK.
- ALL VEHICLE HEADS SHALL HAVE 12" LENSES WITH RED, YELLOW, AND GREEN 'LED' TYPE INDICATIONS.
- PEDESTRIAN SIGNAL HEADS SHALL HAVE 'LED' TYPE INDICATIONS.
- PEDESTRIAN PUSH BUTTONS SHALL BE ADA APPROVED TYPE.

CONSTRUCTION NOTES (THIS SHEET):

- INSTALL CITY-FURNISHED MODEL 170 CONTROLLER ASSEMBLY WITH MODEL 332 CABINET. INSTALL 3M OPTICOM PHASE SELECTOR MODULE.
- INSTALL 3M OPTICOM DETECTOR MODEL 722 ON MAST ARM BY CLAMPING METHOD. EXACT LOCATION OF DETECTOR TO BE DETERMINED BY ENGINEER IN THE FIELD.
- INSTALL R96 SIGN.



TRAFFIC No. 0860

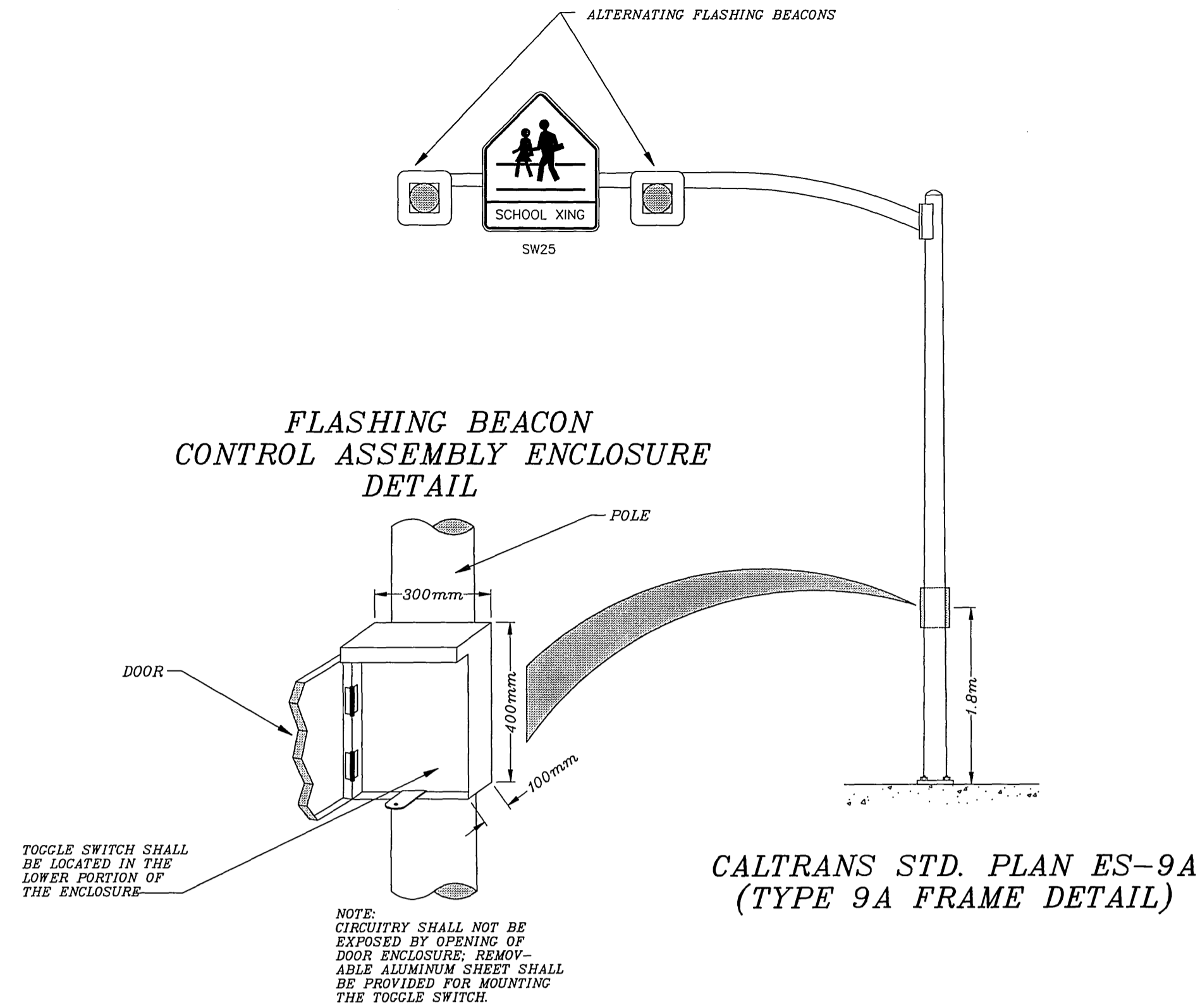
DATE: 6-21-01

AGA Job No. : 134-003
 AGA File Name: INDDNSG
 Print Date : 6/21/01
 Last Revision : 6/21/01

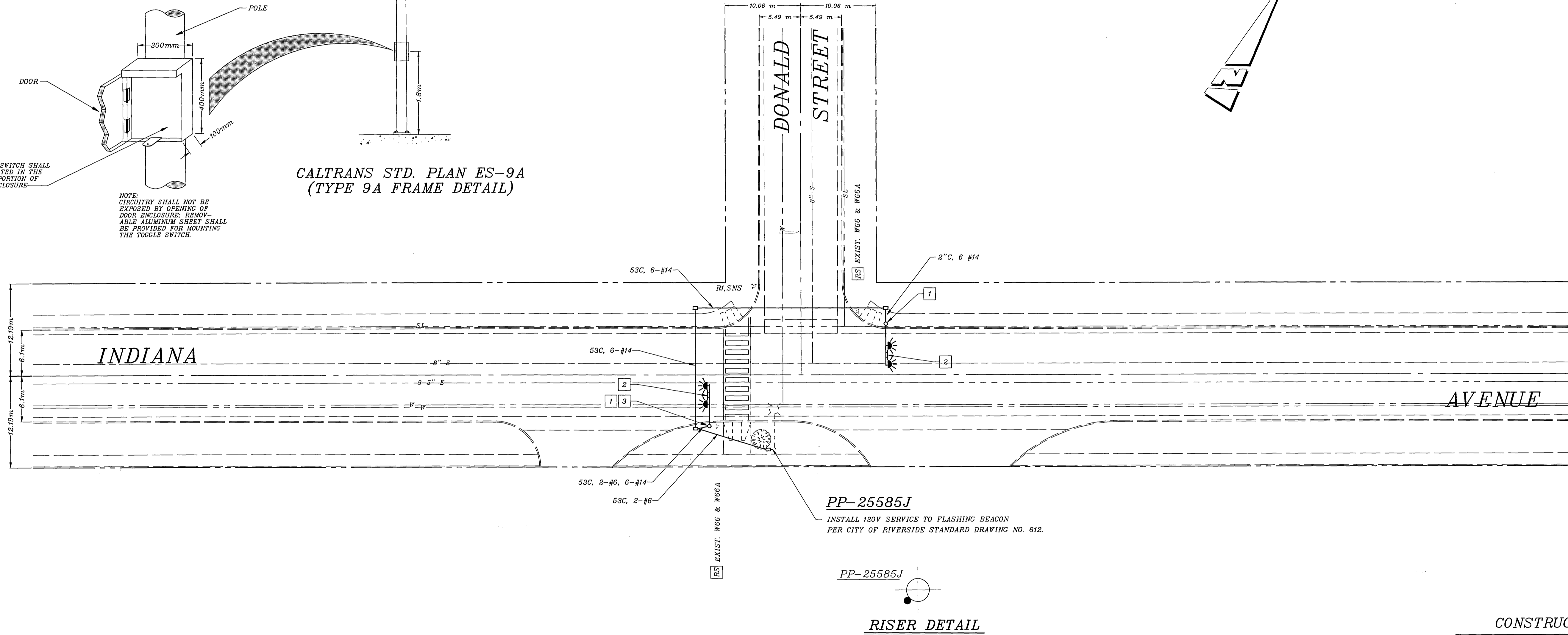


Underground Service Alert
 Call TOLL FREE
 1-800
 227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS				TRAFFIC SIGNAL PLAN		ACCOUNT NO.
APPROVED BY	DATE	BY	APPROVED BY	INDIANA AVENUE AT DONALD AVENUE		
PRINCIPAL ENGINEER	8/14/01	R. McSwath	PUBLIC WORKS DIRECTOR	X-248		
INSPECTION	8/14/01			SHEET ___ OF ___		
TRAFFIC DIVISION	8/13/01			HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = -		
CHIEF P. W. ENGINEER	8/13/01					
PUBLIC UTILITIES	8/29/01					
MARK	REVISIONS	APPR.	DATE			
DESIGNED BY	DRAWN BY	CHECKED BY				



CALTRANS STD. PLAN ES-9A
(TYPE 9A FRAME DETAIL)



RISER DETAIL

HAWTHORNE ELEMENTARY SCHOOL

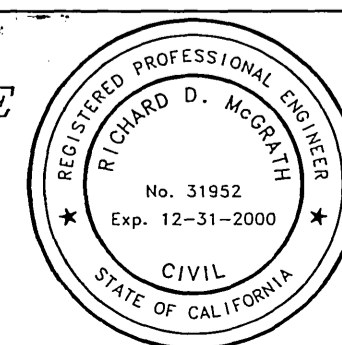
CONSTRUCTION NOTES

- 1 INSTALL CANTILEVER FLASHING BEACON (300m LENS) PER CALTRANS STANDARD PLAN ES-9A.
- 2 INSTALL SW25 SIGN (W66 & W66A FABRICATED AS A SINGLE UNIT) PER CALTRANS STANDARD PLAN ES-9A TYPE 9A FRAME DETAILS.
- 3 INSTALL FLASHING BEACON CONTROL ASSEMBLY ON POLE. CIRCUITRY AND COMPONENTS SHALL CONFORM TO CALTRANS STANDARD PLAN ES-9C. OTHER REQUIREMENTS ARE AS FOLLOWS:
 - A. THE ASSEMBLY ENCLOSURE SHALL BE WEATHERPROOF.
 - B. MATERIAL: ANODIZED ALUMINUM, 0.125" THICKNESS.
 - C. DOOR SHALL BE LOCKABLE BY PADLOCK.
 - D. CIRCUITRY SHALL INCORPORATE A SOLID STATE TIMER AND TOGGLE SWITCH FOR PROGRAMMING AND MANUAL OPERATIONS, RESPECTIVELY. SEE DETAIL FOR PLACEMENT OF TOGGLE SWITCH.
 - E. CIRCUITRY SHALL PROVIDE FOR ALTERNATING FLASHING OF THE BEACONS.
 - F. SEE DETAIL REGARDING ALUMINUM SHEETING.

CONTRACT TE-97-10

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be void.
For your Dig Alert I.D. Number call:
CALL TOLL FREE
TWO WORKING DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE
Richard D. McGrath
RICHARD D. McGRATH
R.C.E. NO. 31952 EXPIRES 12-31-2000
DATE: 6-17-98



CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	
APPROVED BY	BY DATE
PRINCIPAL ENGINEER	R. McGrath 6/17/98
P.W. INSPECTOR	
TRAFFIC DIVISION	
CHIEF P.W. ENGR.	
PUBLIC UTILITIES	
MARK	REVISIONS
DESIGNED BY: MAC	DRAWN BY: MAC
DATE: 6-17-98	CHECKED BY:

FLASHING BEACON DONALD STREET @ INDIANA AVENUE	ACCT. NO. 230-541600-440223-35097 X-248 SHEET 1 OF 1 FILE NAME: X248.DWG
SCALE 1:300	

