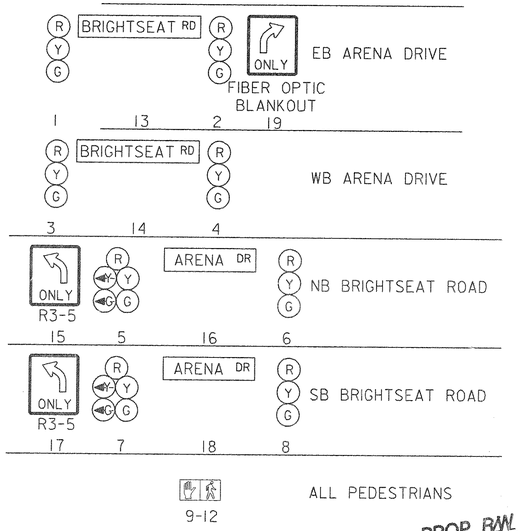
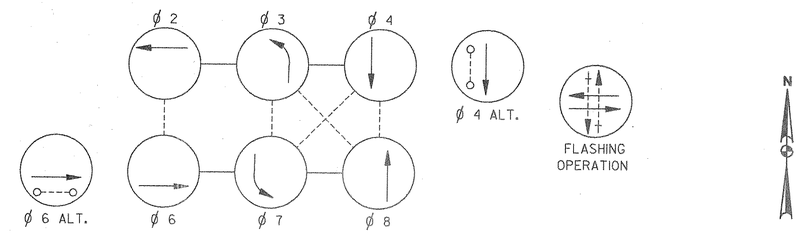
SIGNAL DISPLAY

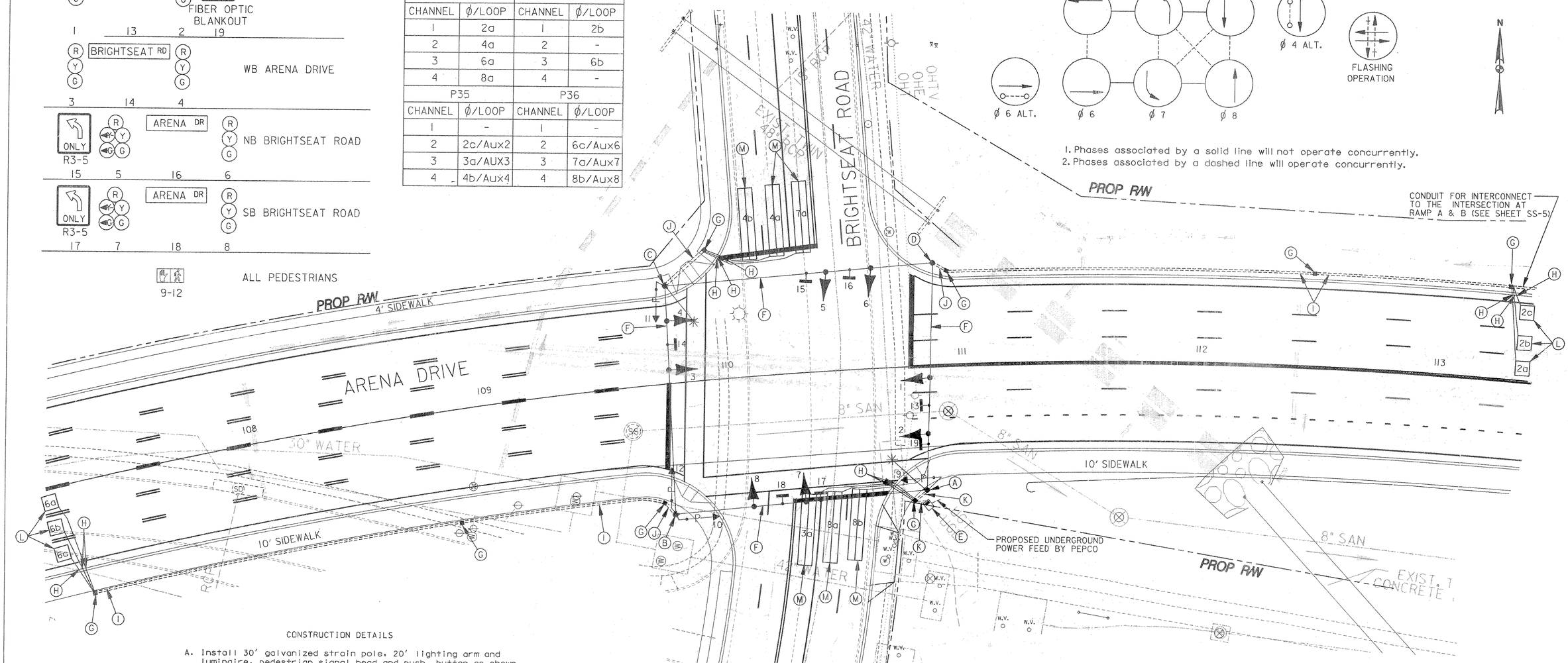


LOOP WIRING			
P32		P34	
CHANNEL	ϕ/LOOP	CHANNEL	ϕ/LOOP
1	2a	1	2b
2	4a	2	-
3	6a	3	6b
4	8a	4	-
P35		P36	
CHANNEL	ϕ/LOOP	CHANNEL	ϕ/LOOP
1	-	1	-
2	2c/Aux2	2	6c/Aux6
3	3a/AUX3	3	7a/Aux7
4	4b/Aux4	4	8b/Aux8

NEMA PHASING



1. Phases associated by a solid line will not operate concurrently.
2. Phases associated by a dashed line will operate concurrently.



CONSTRUCTION DETAILS

A. Install 30' galvanized strain pole, 20' lighting arm and luminaire, pedestrian signal head and push button as shown (NOTE: 2-3" PVC 90 degree angle conduit bend).

B. Install 30' galvanized strain pole, pedestrian signal heads and push buttons as shown (NOTE: 1-3" PVC 90 degree angle conduit bend).

C. Install 30' galvanized strain pole, 20' lighting arm and luminaire pedestrian signal head and push button as shown (NOTE: 1-3" PVC 90 degree angle conduit bend).

D. Install 30' galvanized strain pole (NOTE: 1-3" PVC 90 degree angle conduit bend).

E. Install traffic signal controller in base-mounted cabinet and all necessary equipment for traffic signal and underground electrical service (with the meter mounted on the cabinet).(NOTE: 1-2" PVC 90 degree angle conduit bend, 2-3" PVC 90 degree angle conduit bends).

F. Install span wire, vehicular signal heads, signs and all necessary wiring.

G. Install handbox.

H. Install 1" electrical conduit detector wire sleeve (one per loop).

I. Install 2" schedule 40 electrical conduit-trenched.

J. Install 3" schedule 40 electrical conduit-trenched.

K. Install 2-3" schedule 40 electrical conduit-trenched.

L. Install 6'x 6' loop detector (3 turns).

M. Install 6'x 30' loop detector, quadrupole type (2-4-2 turns).

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REVISIONS:

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
PRINCE GEORGE'S COUNTY, MARYLAND

TRAFFIC SIGNAL PLAN
ARENA DRIVE @ BRIGHTSEAT ROAD

SCALE: 1"=20'	DWG: 141 OF 188
APPROVED 8/21/96 DATE	FOR BETTY HAGER FRANCIS, DIRECTOR
DESIGNED: Z.A.J.	PROJECT NO. P-189-Z-172
DRAWN: Z.A.J.	
CHECKED: 8/19/96 MAR	ROAD NO. / JOB NO.
APPROVED: 8/21/96	FILE NO. TS 3713
CHIEF, HIGHWAYS AND BRIDGES / DATE	

08/15/96 08:48:48
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