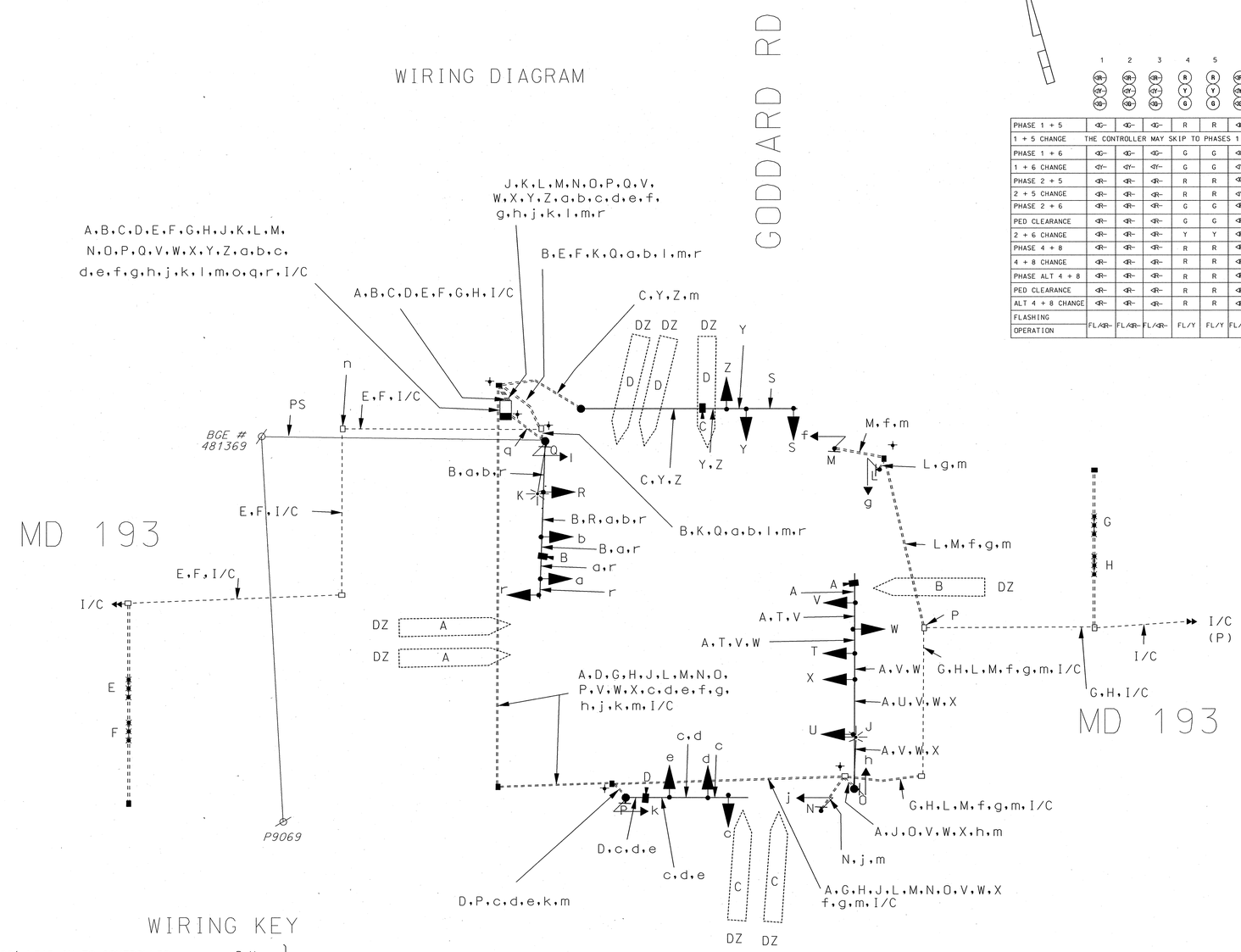
DRILL HOLES

BORDER REV: DATE: June 1, 2004

WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
PHASE 1 + 5	G	G	G	R	R	G	G	R	R	R	R	R	R	R	R G	DW	DW	DW	DW	DW	DW
1 + 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 1 + 6 OR 2 + 5 OR 2 + 6																				
PHASE 1 + 6	G	G	G	G	G	G	G	G	G	R	R	R	R	R	R G	DW	DW	DW	DW	DW	DW
1 + 6 CHANGE	Y	Y	Y	G	G	Y	Y	G	G	R	R	R	R	R	R Y	DW	DW	DW	DW	DW	DW
PHASE 2 + 5	R	R	R	R	R	G	G	G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
2 + 5 CHANGE	R	R	R	R	R	Y	Y	G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 + 6	R	R	R	G	G	R	R	G	G	R	R	R	R	R	R	FL/WK	FL/WK	FL/WK	FL/WK	DW	DW
PED CLEARANCE	R	R	R	G	G	R	R	G	G	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW
2 + 6 CHANGE	R	R	R	Y	Y	R	R	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 4 + 8	R	R	R	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	DW	DW
4 + 8 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW
PHASE ALT 4 + 8	R	R	R	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	FL/WK	FL/WK
PED CLEARANCE	R	R	R	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	FL/DW	FL/DW
ALT 4 + 8 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/R	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK

WIRING KEY

A	– CAMERA W/ 200' LEAD-IN TO CONTROLLER
B	– CAMERA W/ 300' LEAD-IN TO CONTROLLER
C	– CAMERA W/ 400' LEAD-IN TO CONTROLLER
D	– CAMERA W/ 500' LEAD-IN TO CONTROLLER
E-F	– PROPOSED MICROLOOP PROBE SET WITH 500' LEAD IN
G,H	– PROPOSED MICROLOOP PROBE SET WITH 1,000' LEAD IN
J-K	– 2-CONDUCTOR ELECTRICAL CABLE NO.12 AWG TC
L-Q	} 5-CONDUCTOR ELECTRICAL CABLE NO.14 AWG
f-h j-l	} 5-CONDUCTOR ELECTRICAL CABLE NO.14 AWG
✦	¾" X 10' GROUND ROD
R-U	} 5-CONDUCTOR ELECTRICAL CABLE NO.14 AWG
V-Z a-e,r	} 7-CONDUCTOR ELECTRICAL CABLE NO.14 AWG
m	– NO.6 AWG STRANDED BARE COPPER GROUND WIRE
o	– (3-WIRES) 1-CONDUCTOR ELECTRICAL CABLE NO.4 AWG
n,p	– EXISTING UNDERGROUND INTERCONNECT CABLE, PULLED-BACK RE-ROUTED UNDERGROUND
q	– 1-CONDUCTOR ELECTRICAL CABLE NO.4 AWG
I/C	– EXISTING COMMUNICATION CABLE
DZ	– CAMERA DETECTOR ZONE
PS	– PROPOSED OVERHEAD SERVICE FEED

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS – PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 193 AT NASA AND
CIPRIANO SQ SC ENTRANCE'S
GODDARD, MARYLAND

SCALE N/A DATE 07/01/2005 CONTRACT NO. AT7185185

DESIGNED BY D. L. A.
DRAWN BY D. L. A.
CHECKED BY T. M. H.
F.A.P. NO.

COUNTY PRINCE GEORGE'S
LOGMILE 16019308.45
T.I.M.S. NO. G767
TOD NO.

TS NO. 1168C | DRAWING · -·- OF · | SHEET NO. 3 OF 3

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FILE: $FILE$

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