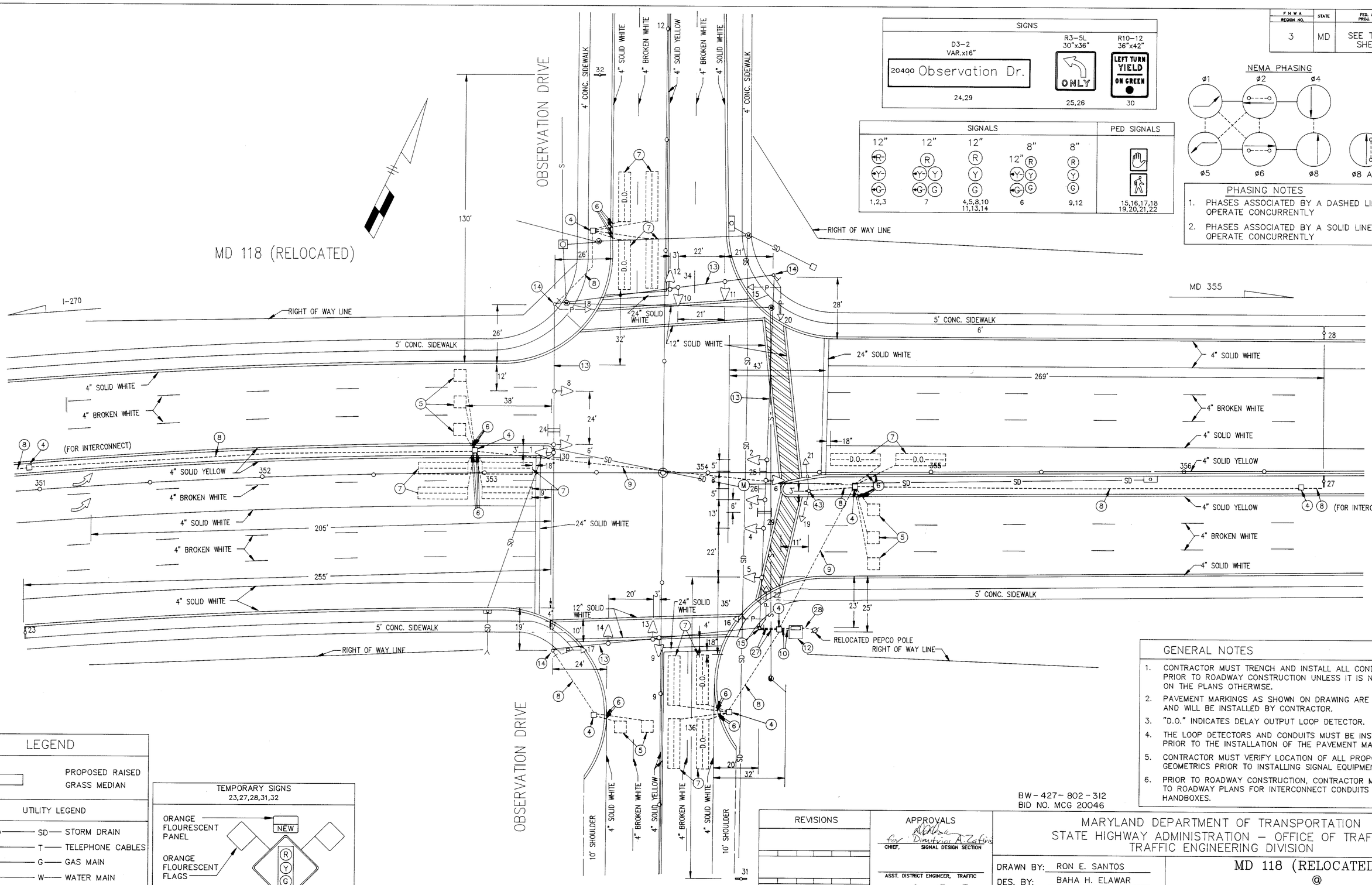
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET		



SIGNS

D3-2 VAR.x16"	R3-5L 30"x36"	R10-12 36"x42"
20400 Observation Dr.	ONLY	LEFT TURN YIELD ON GREEN
24,29	25,26	30

SIGNALS / PED SIGNALS

12"	12"	12"	8" / 12"	8"	PED SIGNALS
R Y G	R Y G	R Y G	R Y G	R Y G	
1,2,3	7	4,5,8,10 11,13,14	6	9,12	15,16,17,18 19,20,21,22

NEMA PHASING

FLASHING OPERATION

PHASING NOTES

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

GENERAL NOTES

1. CONTRACTOR MUST TRENCH AND INSTALL ALL CONDUITS PRIOR TO ROADWAY CONSTRUCTION UNLESS IT IS NOTED ON THE PLANS OTHERWISE.
2. PAVEMENT MARKINGS AS SHOWN ON DRAWING ARE PROPOSED AND WILL BE INSTALLED BY CONTRACTOR.
3. "D.O." INDICATES DELAY OUTPUT LOOP DETECTOR.
4. THE LOOP DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
5. CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
6. PRIOR TO ROADWAY CONSTRUCTION, CONTRACTOR MUST REFER TO ROADWAY PLANS FOR INTERCONNECT CONDUITS AND HANDBOXES.

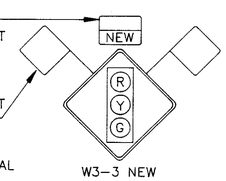
LEGEND

PROPOSED RAISED GRASS MEDIAN

UTILITY LEGEND

SD — SD	STORM DRAIN
T — T	TELEPHONE CABLES
G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES

TEMPORARY SIGNS 23,27,28,31,32



NOTE: SEE PROPOSAL FOR PROPER INSTALLATION

W3-3 NEW (36"x36") POSTED SPEED < 45 M.P.H.

BW-427-802-312
BID NO. MCG 20046

REVISIONS

APPROVALS

for Dimitrios A. Zafiris — CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DIVISION

3/13/91 — DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

DANIEL CONSULTANTS, INC.
8950 RTE. 108E, SUITE 229
COLUMBIA, MARYLAND

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION – OFFICE OF TRAFFIC
TRAFFIC ENGINEERING DIVISION

DRAWN BY: RON E. SANTOS
DES. BY: BAHA H. ELAWAR
CHK. BY: ZIAD A. SABRA

MD 118 (RELOCATED) & @ OBSERVATION DRIVE

COUNTY MONTGOMERY

DATE: FEBRUARY 1991 | F.A.P. NO. – | FILE NO.: TS 2474 | SHEET NO. OF
SCALE: 1"=20' | S.H.A. NO. BW-427-802-312