Arundle Mills Circle 4519-20-

PROPOSED SIGNS

23 — LEFT TURN YIELD ON GREEN — R10-12 24" x 30"

26 — ONLY — R3-5R 24" x 24"

21,22 25,27,28 — ONLY — R3-5L 30" x 36"

30.31 — PUSH BUTTON TO CROSS ARUNDEL MILLS BLVD — R10-4(I) 9" x 12"

32,33,34,35 — PUSH BUTTON TO CROSS MALL ROAD — R10-4(I) 9" x 12"

24a,24b,29a,29b — Arundel Mills BLVD — D3-2 (72" X 16")

PROPOSED SIGNAL HEADS

6 — 12"/8"

7 — 12"

1,2,3 — 12"

4,5,8, 11,14 — 12"

9,10, 12,13, — 12"

15,16,17, 18,19,20 — 16"

NEMA PHASING

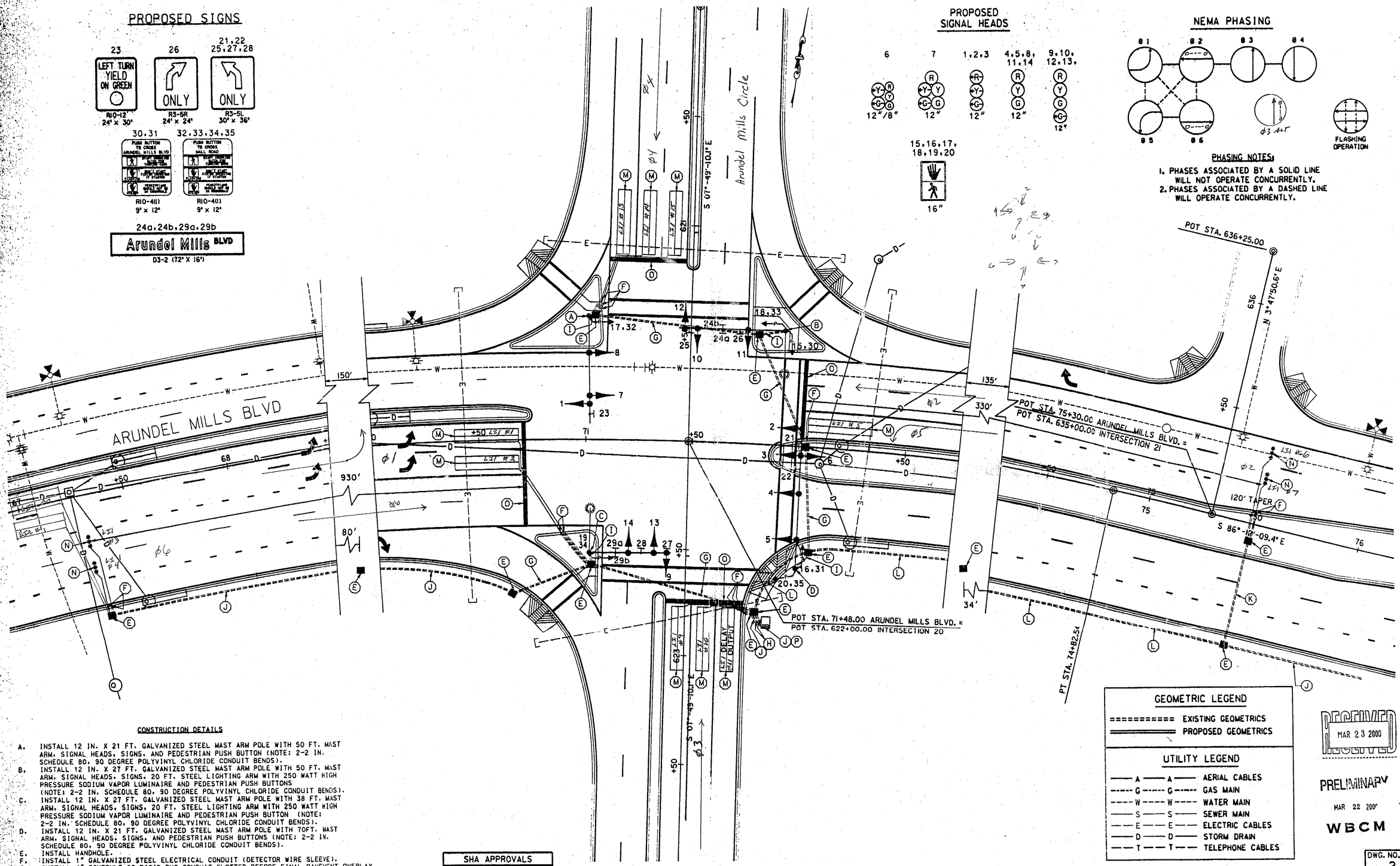
Ø1 Ø2 Ø3 Ø4 Ø5 Ø6

Ø3 ALT

FLASHING OPERATION

PHASING NOTES:

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 12 IN. X 21 FT. GALVANIZED STEEL MAST ARM POLE WITH 50 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND PEDESTRIAN PUSH BUTTON (NOTE: 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
B. INSTALL 12 IN. X 27 FT. GALVANIZED STEEL MAST ARM POLE WITH 50 FT. MAST ARM, SIGNAL HEADS, SIGNS, 20 FT. STEEL LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE AND PEDESTRIAN PUSH BUTTONS (NOTE: 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
C. INSTALL 12 IN. X 27 FT. GALVANIZED STEEL MAST ARM POLE WITH 38 FT. MAST ARM, SIGNAL HEADS, SIGNS, 20 FT. STEEL LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE AND PEDESTRIAN PUSH BUTTON (NOTE: 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
D. INSTALL 12 IN. X 21 FT. GALVANIZED STEEL MAST ARM POLE WITH 70FT. MAST ARM, SIGNAL HEADS, SIGNS, AND PEDESTRIAN PUSH BUTTONS (NOTE: 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
E. INSTALL HANDHOLE.
F. INSTALL 1" GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
G. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT SLOTTED BEFORE FINAL PAVEMENT OVERLAY.
H. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT TRENCHED.
I. INSTALL 2" SCHEDULE 80 PVC CONDUIT SLOTTED PRIOR TO ISLAND CONSTRUCTION.
J. INSTALL 2" SCHEDULE 80 PVC CONDUIT TRENCHED. AND PROPOSED UNDERGROUND FEED.
K. INSTALL 3" SCHEDULE 80 PVC CONDUIT SLOTTED BEFORE FINAL PAVEMENT OVERLAY.
L. INSTALL 3" SCHEDULE 80 PVC CONDUIT TRENCHED.
M. INSTALL 6'X30' QUADRUPOLE (3-6-3 TRUNS) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING.
N. INSTALL MICRO LOOP PROBE SET.
O. INSTALL 24" STOP LINE.
P. INSTALL BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSSARY EQUIPMENT METER AND DISCONNECT FOR SIGNAL, AND DISCONNECT FOR LIGHTING (NOTE: 2-2 IN. PVC SCHEDULE 80, 2-4 IN. PVC 90 DEGREE POLYVINYL CHLORIDE BENDS).

GEOMETRIC LEGEND

========== EXISTING GEOMETRICS
═══════ PROPOSED GEOMETRICS

UTILITY LEGEND

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

RECEIVED MAR 23 2000

PRELIMINARY MAR 22 2000

WBCM

DWG. NO. ?

SHA APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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BALTIMORE, MD 21286
(410) 512-4500

ANNE ARUNDEL COUNTY
DEPARTMENT OF PLANNING AND CODE ENFORCEMENT

REVISED DATE	BY	APPROVED DATE	DRAWN BY: CEO	SCALE: SCALE: 1"=20'
		CHIEF ENGINEER	CHECKED BY: CJP	SHEET NO. OF
			DATE: 3/00	
		REVIEW ENGINEER	APPROVED DESIGN ENGINEER	

TRAFFIC SIGNAL PLAN INT. 20

ARUNDEL MILLS
Arundel Mills Blvd @ Arundel Mills Circle
ARUNDEL MILLS BOULEVARD TS 4803

4TH & 5TH DISTRICT A.A. CO., MD.