MD 108 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO REMAIN

19,20 — R3-5L (30"X36")
21,22 — R3-5R (30"X36")
23,24 — Old Annapolis RD — D-3(1) (DUAL FACED) (VARIES X16")
25a — Bendix RD — D-3(1) (DUAL FACED) (VARIES X16")
26a — Mellenbrook RD — D-3(1) (DUAL FACED) (VARIES X16")
26b — Mellenbrook RD — D-3(1) (DUAL FACED) (VARIES X16")
25b — Bendix RD — D-3(1) (DUAL FACED) (VARIES X16")

EXISTING SIGNS TO BE REMOVED

27,28 — R10-12 (30"x36")
29,30 — R10-3 (9"X12")

PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN

15 — MELLENBROOK ROAD R10-3(1) (9" X 15")
16 — MELLENBROOK ROAD R10-3(1) (9" X 15")
17,18 — OLD ANNAPOLIS ROAD R10-3(1) (9" X 15")

EXISTING SIGNALS TO REMAIN

1,3 — 12"
2,4-8 — 12"

EXISTING SIGNALS TO BE REMOVED

13,14 — 12"

PROPOSED LED SIGNALS

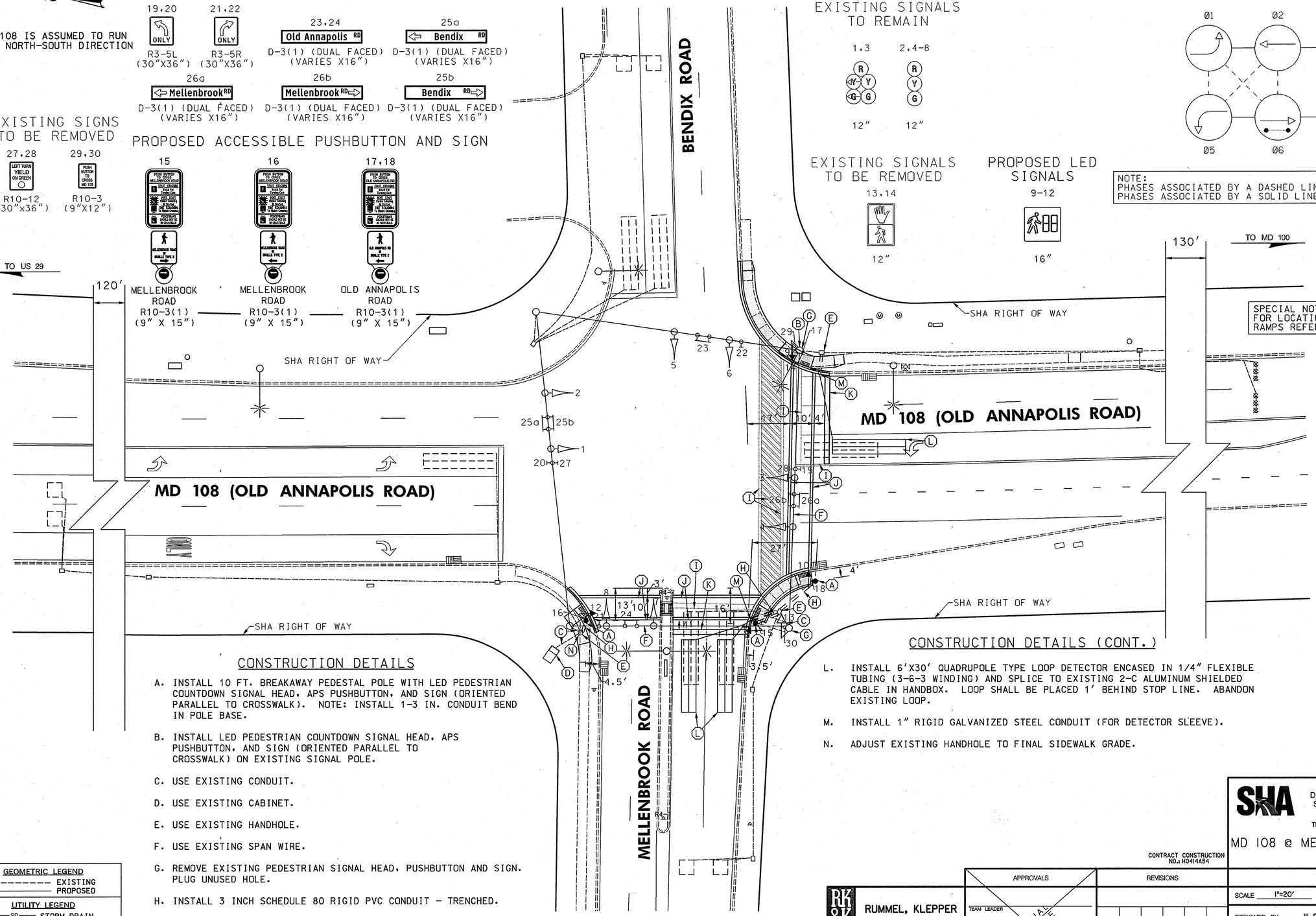
9-12 — 16"

NEMA PHASING

Ø1 Ø2 Ø4 Ø8 ALT.
Ø5 Ø6 Ø8 FLASHING OPERATION

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

SPECIAL NOTE:
FOR LOCATION AND MD STANDARD OF SIDEWALK RAMPS REFER TO THE ROADWAY PLANS.



CONSTRUCTION DETAILS

A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED PEDESTRIAN COUNTDOWN SIGNAL HEAD, APS PUSHBUTTON, AND SIGN (ORIENTED PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE.

B. INSTALL LED PEDESTRIAN COUNTDOWN SIGNAL HEAD, APS PUSHBUTTON, AND SIGN (ORIENTED PARALLEL TO CROSSWALK) ON EXISTING SIGNAL POLE.

C. USE EXISTING CONDUIT.

D. USE EXISTING CABINET.

E. USE EXISTING HANDHOLE.

F. USE EXISTING SPAN WIRE.

G. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN. PLUG UNUSED HOLE.

H. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

I. REMOVE EXISTING PAVEMENT MARKINGS.

J. INSTALL 12 INCH WHITE LEAD FREE HEAT APPLIED REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.

K. INSTALL 24 INCH WHITE LEAD FREE HEAT APPLIED REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.

CONSTRUCTION DETAILS (CONT.)

L. INSTALL 6'X30' QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3 WINDING) AND SPLICE TO EXISTING 2-C ALUMINUM SHIELDED CABLE IN HANDBOX. LOOP SHALL BE PLACED 1' BEHIND STOP LINE. ABANDON EXISTING LOOP.

M. INSTALL 1" RIGID GALVANIZED STEEL CONDUIT (FOR DETECTOR SLEEVE).

N. ADJUST EXISTING HANDHOLE TO FINAL SIDEWALK GRADE.

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
F — FIBER-OPTIC

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APPROVALS: TEAM LEADER, ASST. DIV. CHIEF, DIVISION CHIEF, OFFICE DIRECTOR — ORIGINAL ON FILE

REVISIONS
B — ADD APS PUSHBUTTONS AND COUNTDOWN PEDESTRIAN SIGNAL HEADS AX3755133 — BJG SDY — 10-5-07
A — REDRAWN TO SHOW PROPOSED GEOMETRICS — 8-14-84

CONTRACT CONSTRUCTION NO.: H0414A54

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 108 @ MELLENBROOK ROAD/BENDIX ROAD
COLUMBIA, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 8-14-84 CONTRACT NO. HO-314-201-770

DESIGNED BY W. RICHARDSON — COUNTY HOWARD
DRAWN BY W.RICHARDSON — LOGMILE 13010810.71
CHECKED BY — TIMS NO. 1888
FAP NO. — TOD NO.

TS NO. 1794B | DRAWING SG - 1 OF 2 | SHEET NO. 18 OF 19

PLOTTED: Tuesday, December 04, 2007 AT 10:45 AM
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