DRILL HOLES

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BORGER REV: DATE: June 1, 2004

MD 151 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

15 — Wise AVE — D3-2 (DUAL FACED) VARIABLE X 16"

16 — LEFT TURN YIELD ON GREEN — R10-12 36" x 42"

17 — ONLY — R3-5R 30" x 36"

18 — North Pt. BLVD — D3-2 (DUAL-FACED) VARIABLE X 16"

19 — SOUTH, MARYLAND 151 — M3-3 24" x 12", M1-6 30" x 24", M6-1 21" x 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

20 — NORTH, MARYLAND 151 — M3-1 30" x 15", M1-6 48" x 36", M6-1 30" x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

EXISTING SIGNALS

1,2 — 12"

3,4,7,8 / 10,13,14 — 12"

5 — 12' 8"

6 — 12"

9,12 — 8"

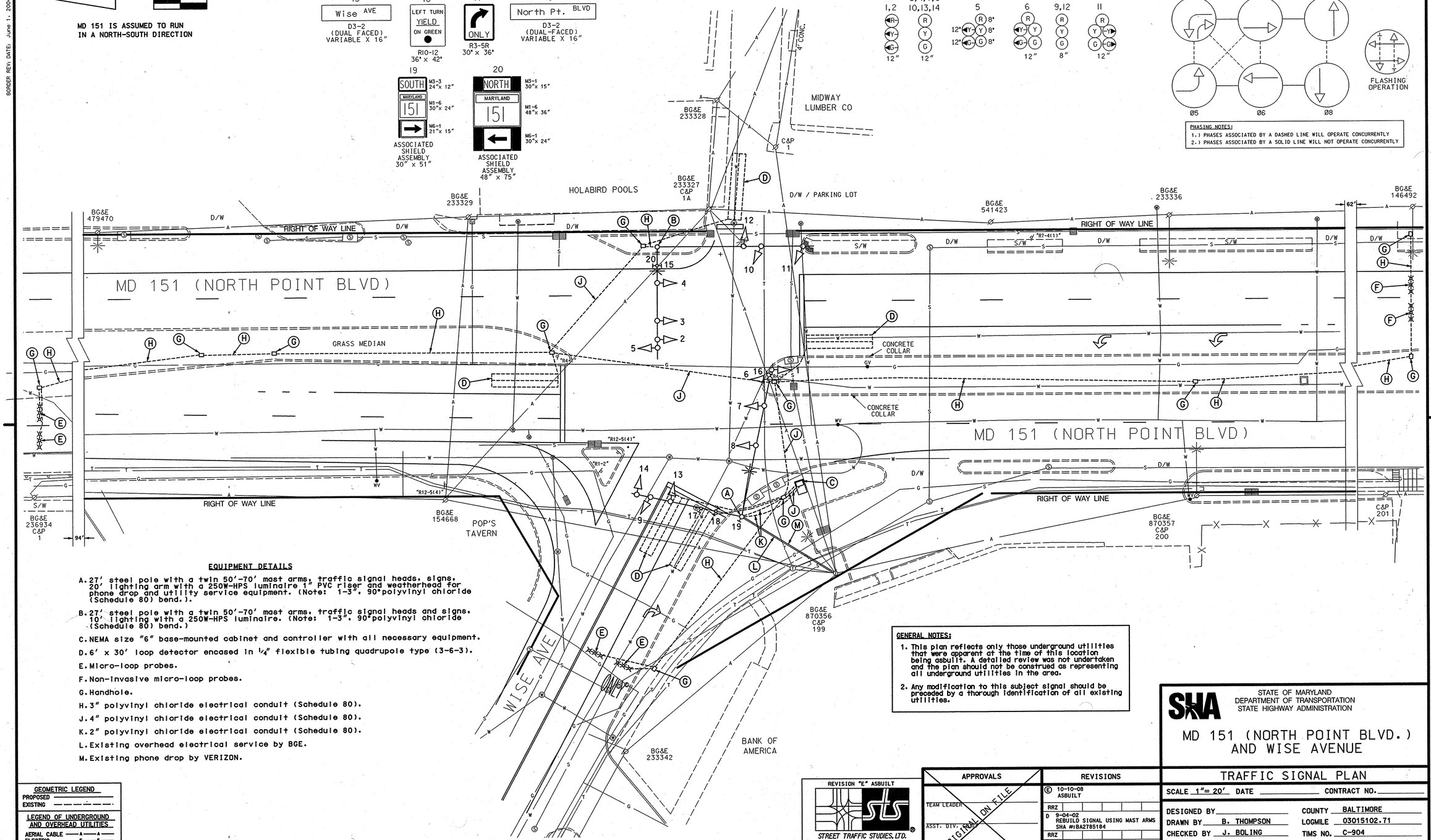
11 — 12"

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

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



EQUIPMENT DETAILS

A. 27' steel pole with a twin 50'-70' mast arms, traffic signal heads, signs, 20' lighting arm with a 250W-HPS luminaire 1" PVC riser and weatherhead for phone drop and utility service equipment. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.).

B. 27' steel pole with a twin 50'-70' mast arms, traffic signal heads and signs, 10' lighting with a 250W-HPS luminaire. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

C. NEMA size "6" base-mounted cabinet and controller with all necessary equipment.

D. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

E. Micro-loop probes.

F. Non-invasive micro-loop probes.

G. Handhole.

H. 3" polyvinyl chloride electrical conduit (Schedule 80).

J. 4" polyvinyl chloride electrical conduit (Schedule 80).

K. 2" polyvinyl chloride electrical conduit (Schedule 80).

L. Existing overhead electrical service by BGE.

M. Existing phone drop by VERIZON.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.

2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE —A—A—
ELECTRIC —E—E—
TELEPHONE —T—T—
GAS —G—G—
SEWER —S—S—
WATER —W—W—
CABLE TV —TV—TV—

REVISION "E" ASBUILT

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. N.W.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6537

5630.dgn

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS	
E	10-10-08 ASBUILT
RRZ	
D	9-04-02 REBUILD SIGNAL USING MAST ARMS SHA #:BA2785184
RRZ	
C	REPLACE CONTROLLER AND CABINET, ADD PHONE DROP
MAR	

PLOTTED: &DATETIME&
FILE: &FILE&

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 151 (NORTH POINT BLVD.) AND WISE AVENUE

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE CONTRACT NO.

DESIGNED BY
DRAWN BY B. THOMPSON
CHECKED BY J. BOLING
F.A.P. NO.

COUNTY BALTIMORE
LOGMILE 03015102.71
TIMS NO. C-904
TOD NO.

TS NO. 617E | DRAWING NO. 1 OF 1 | SHEET NO. OF

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