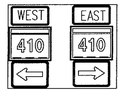
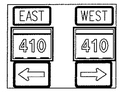
EXISTING SIGNS

NOTE: MD 320 IS ASUMMED TO RUN IN A NORTH-SOUTH DIRECTION.

13



18



20

R4-7 (24"X36")

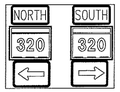
14

R3-7R (30"X42")

26

R10-11b (24"X42")

22



PROPOSED SIGNS

16a,21a	16b,21b
Piney Branch Rd <7500	Piney Branch Rd 7500>

D3-2 (MOD) (VARIABLE X16) DUAL FACED

24a,27a	24b,27b
Philadelphia Ave < 400	Philadelphia Ave 400>

D3-2 (MOD) (VARIABLE X16) DUAL FACED

19

NEW (FYG) S1-1 (30"X30")

M6-2 (21"X15")

17

SIGNS NO. 17 & 19 are to be removed from existing signal structure and installed on 4" x 4" wood post.

R10-3C (9"X12")

15,25

NEW (FYG) S1-1 (30"X30")

M6-2 (21"X15")

23

PROPOSED SIGNALS

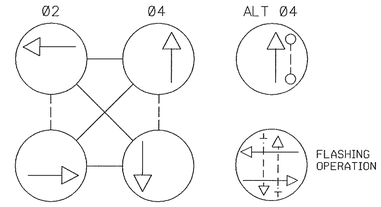
1-10

12"

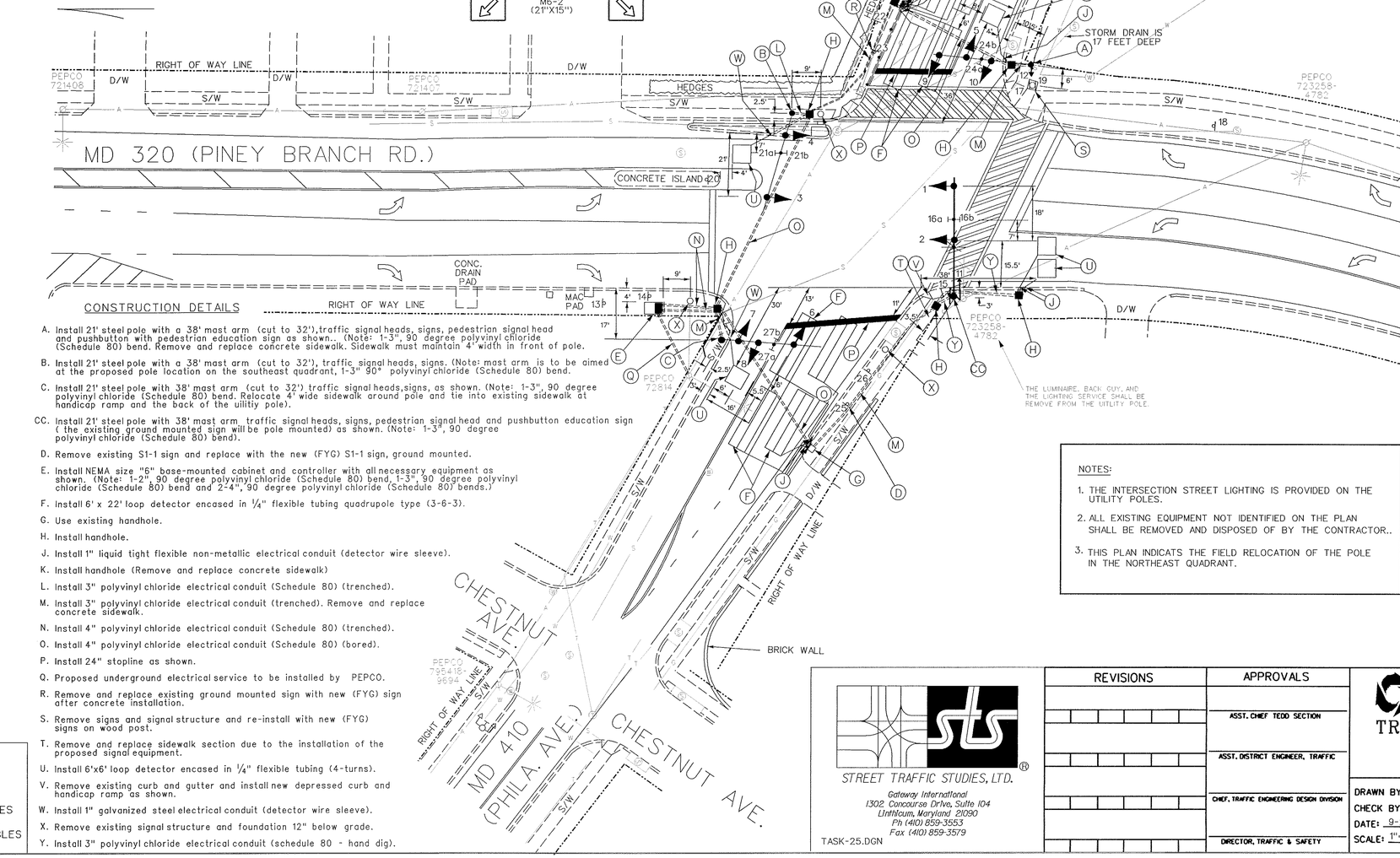
11,12

12"

NEMA PHASING



PHASING NOTES:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. Install 21' steel pole with a 38' mast arm (cut to 32'),traffic signal heads, signs, pedestrian signal head and pushbuton with pedestrian education sign as shown.. (Note: 1-3", 90 degree polyvinyl chloride (Schedule 80) bend. Remove and replace concrete sidewalk. Sidewalk must maintain 4' width in front of pole.

B. Install 21' steel pole with a 38' mast arm (cut to 32'), traffic signal heads, signs. (Note: mast arm is to be aimed at the proposed pole location on the southeast quadrant, 1-3" 90° polyvinyl chloride (Schedule 80) bend.

C. Install 21' steel pole with 38' mast arm (cut to 32') traffic signal heads,signs, as shown. (Note: 1-3", 90 degree polyvinyl chloride (Schedule 80) bend. Relocate 4' wide sidewalk around pole and tie into existing sidewalk at handicap ramp and the back of the ulitity pole).

CC. Install 21' steel pole with 38' mast arm traffic signal heads, signs, pedestrian signal head and pushbutton education sign (the existing ground mounted sign will be pole mounted) as shown. (Note: 1-3", 90 degree polyvinyl chloride (Schedule 80) bend).

D. Remove existing S1-1 sign and replace with the new (FYG) S1-1 sign, ground mounted.

E. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 80) bend, 1-3" 90 degree polyvinyl chloride (Schedule 80) bend and 2-4",90 degree polyvinyl chloride (Schedule 80) bends.)

F. Install 6' x 22' loop detector encased in ¼" flexible tubing quadrupole type (3-6-3).

G. Use existing handhole.

H. Install handhole.

J. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

K. Install handhole (Remove and replace concrete sidewalk)

L. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

M. Install 3" polyvinyl chloride electrical conduit (trenched). Remove and replace concrete sidewalk.

N. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

O. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

P. Install 24" stopline as shown.

Q. Proposed underground electrical service to be installed by PEPCO.

R. Remove and replace existing ground mounted sign with new (FYG) sign after concrete installation.

S. Remove signs and signal structure and re-install with new (FYG) signs on wood post.

T. Remove and replace sidewalk section due to the installation of the proposed signal equipment.

U. Install 6'x6' loop detector encased in ¼" flexible tubing (4-turns).

V. Remove existing curb and gutter and install new depressed curb and handicap ramp as shown.

W. Install 1" galvanized steel electrical conduit (detector wire sleeve).

X. Remove existing signal structure and foundation 12" below grade.

Y. Install 3" polyvinyl chloride electrical conduit (schedule 80 - hand dig).

NOTES:

1. THE INTERSECTION STREET LIGHTING IS PROVIDED ON THE UTILITY POLES.
2. ALL EXISTING EQUIPMENT NOT IDENTIFIED ON THE PLAN SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR..
3. THIS PLAN INDICATS THE FIELD RELOCATION OF THE POLE IN THE NORTHEAST QUADRANT.

UTILITY LEGEND

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

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Ph (410) 859-3553
Fax (410) 859-3579

TASK-25.DGN

REVISIONS	APPROVALS
	ASST. CHIEF TEDD SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 320 AND MD 410

DRAWN BY: D.A.NIES
CHECK BY: EMM
DATE: 9-29-99
SCALE: 1"=20'

COUNTY: MONTGOMERY
LOG MILE: 15041004.96
F.A.P. NO. AGSTPG-000S(588)E
S.H.A. NO. AW2775185

TS NO. 3880
T.I.M.S. NO. C-971

SHEET NO. 1 OF 2