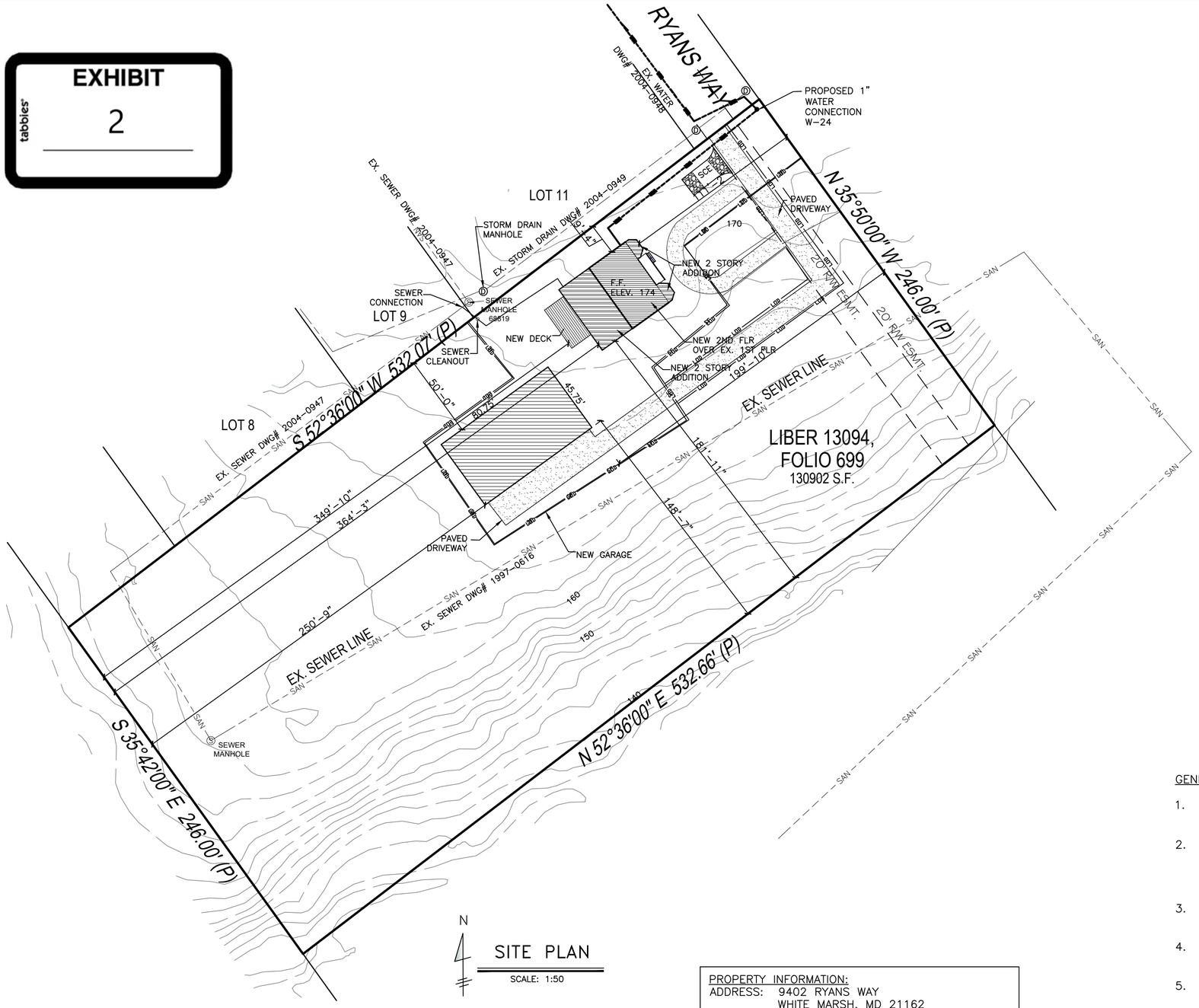
**EXHIBIT**

2

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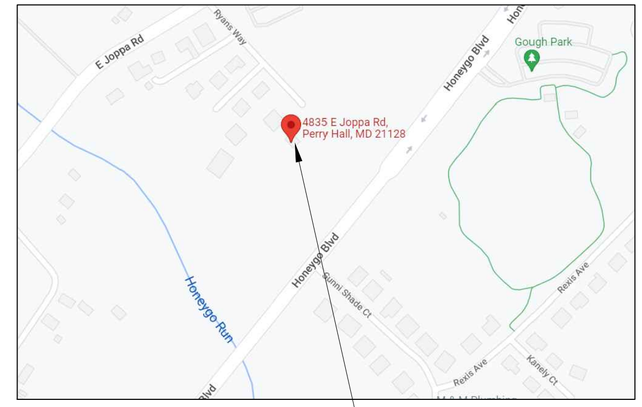
## SITE PLAN

SCALE: 1:50




9402 RYANS WAY

N

## KEY PLAN

NOT TO SCALE

| | |
|---|---|
| WATER MANHOLE | W |
| SEWER MANHOLE | S |
| STORM DRAIN MANHOLE | D |
| WATER VALVE / METER | WV |
| GAS VALVE / METER | GV |
| PROPERTY LINE | |
| EXISTING CONTOUR LINE | |
| PROPOSED CONTOUR LINE | |
| SEWER LINE | SAN |
| WATER LINE | WTR |
| PROPERTY BOUNDARY | |
| BOUNDARY RESTRICTION LINE | |
| SILT FENCE | SF |
| LIMIT OF DISTURBANCE | LOD |
| STORM DRAIN | |
| DRAINAGE/ UTILITY EASEMENT | |

GENERAL NOTES:

1. TOPOGRAPHY AND PLANIMETRIC LOCATIONS SHOWN HEREON ARE FIELD RUN 1' CONTOUR INTERVAL.
2. UTILITY LOCATIONS SHOWN HEREON ARE BASED ON FIELD OBSERVATIONS AND AVAILABLE RECORDS. THEIR LOCATIONS ARE CONSIDERED APPROXIMATE AND MUST BE VERIFIED BY THE APPROPRIATE UTILITY PROVIDED AND LOCATED BY TEST PITTING PRIOR TO ANY CONSTRUCTION OR ENGINEERING DESIGN.
3. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
4. CONTRACTOR SHALL USE THE DIRT FROM THE EXCAVATION OF THE BASEMENT AS REQUIRED ALONG THE SITE AREA.
5. THE FOUNDATION DRAIN / SUMP PUMP DRAIN WILL DISCHARGE OUTSIDE OF BUILDING.
6. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE.
7. CONTRACTOR SHALL STABILIZE ALL DISTURBED AREAS BY THE END OF EACH WORKING DAY IF THE RUNOFF FROM THE DISTURBED AREAS ARE NOT DIRECTED TO ANY APPROVED SEDIMENT CONTROL MEASURE.
8. CONTRACTOR SHALL COORDINATE WATER METER LOCATION IN ACCORDANCE WITH STANDARD DETAIL G-5 FROM BALTIMORE COUNTY DPW. WATER METER SIZE SHALL BE SIZED BASED ON NEW 1 ½" WATER LINE AND AS REQUIRED WATER PRESSURE FOR NEW SPRINKLER SYSTEM IN THE HOUSE

PROPERTY INFORMATION:
ADDRESS: 9402 RYANS WAY
WHITE MARSH, MD 21162
OWNER: LEVINE CARLOS
PROPERTY TAX ID: 1108032500
MAP: 0072
LOT AREA: 130,902 SF

**SITE INFORMATION:**

- LOT AREA = 130,902 SF
- TOTAL DISTURBED AREA = 27,378 SF
- PRE DEVELOPMENT IMPERVIOUS AREA = 1250 SF
- POST DEVELOPMENT IMPERVIOUS AREA = 6231 SF
  - HOUSE AREA = 2538 SF
  - GARAGE AREA = 3693 SF
  - DRIVEWAY AREA = 6220 SF
- RATIO POST IMPERVIOUS AREA/LOT AREA = 10 %

EROSION / SEDIMENT CONTROL LEGEND:

| KEY | SYMBOL | DESCRIPTION |
|---|---|---|
| CE | SCE | STABILIZED CONSTRUCTION ENTRANCE |
| SSF | SSF | SUPER SILT FENCE |
| | LOD LOD | LIMITS OF DISTURBANCE |

MISS UTILITY

Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work. The excavator must notify all public utility companies with under ground facilities in the area of proposed excavation and have those facilities located by the utility companies prior to commencing excavation.


**ARENCO LLC**

ARCHITECTS
ENGINEERS
CONSTRUCTION MANAGERS

12430 HILL CREST
FULTON, MD 20759
TEL. (240) 418 1389 - FAX (888) 374 5418


PROJECT TITLE
HOUSE ADDITION
PROJECT ADDRESS
9402 RYANS WAY
PERRY HALL, MD 21128

SHEET TITLE
SITE PLAN

DISCLAIMER

PROFESSIONAL CERTIFICATION.:

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 23081 EXPIRATION DATE: 04/24/2023

PROJECT NUMBER
2022-27

DRAWN BY
SP

APPROVED BY
PP

DATE
05/20/22

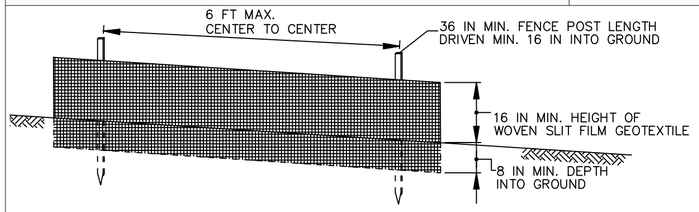
SCALE
AS SHOWN

DRAWING
C1

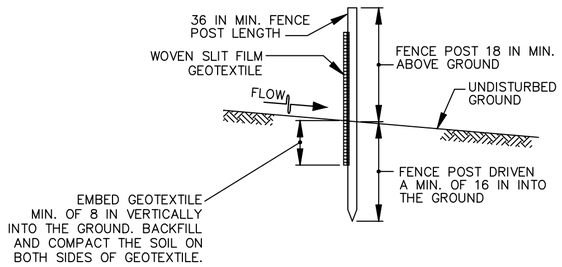
## DETAIL E-1 SILT FENCE

STANDARD SYMBOL

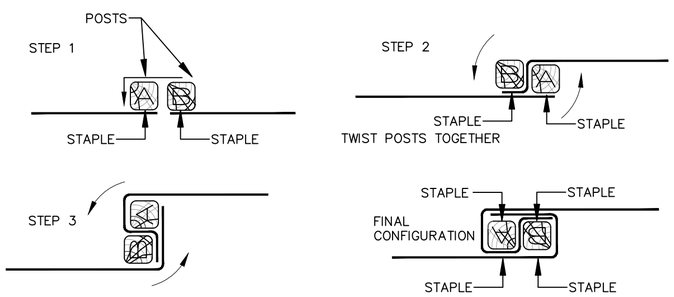
—SF—




ELEVATION




CROSS SECTION




JOINING TWO ADJACENT SILT FENCE SECTIONS (TOP VIEW)

1 OF 2

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

| U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE | 2011 | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION |
|---|---|---|

## DETAIL E-1 SILT FENCE

STANDARD SYMBOL

—SF—

CONSTRUCTION SPECIFICATIONS

1. USE WOOD POSTS 1¾ X 1¾ ± 1/16 INCH (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD. AS AN ALTERNATIVE TO WOODEN POST USE STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT.

2. USE 36 INCH MINIMUM POSTS DRIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APART.

3. USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS AND FASTEN GEOTEXTILE SECURELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION.

4. PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.

5. EMBED GEOTEXTILE A MINIMUM OF 8 INCHES VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FABRIC.

6. WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, TWIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL.

7. EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.

8. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

2 OF 2

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

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PERRY HALL, MD 21128

SHEET TITLE
DETAIL-1

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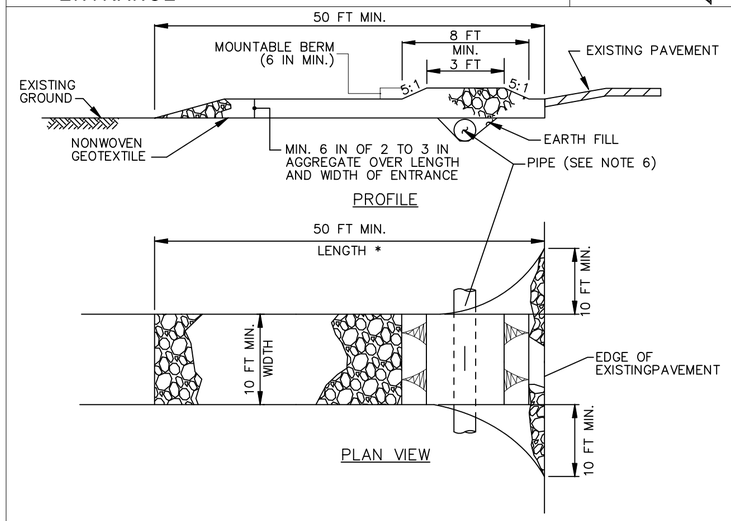
# DETAIL B-1 STABILIZED CONSTRUCTION ENTRANCE

STANDARD SYMBOL
SCE




## CONSTRUCTION SPECIFICATIONS

1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (*30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.

2. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.

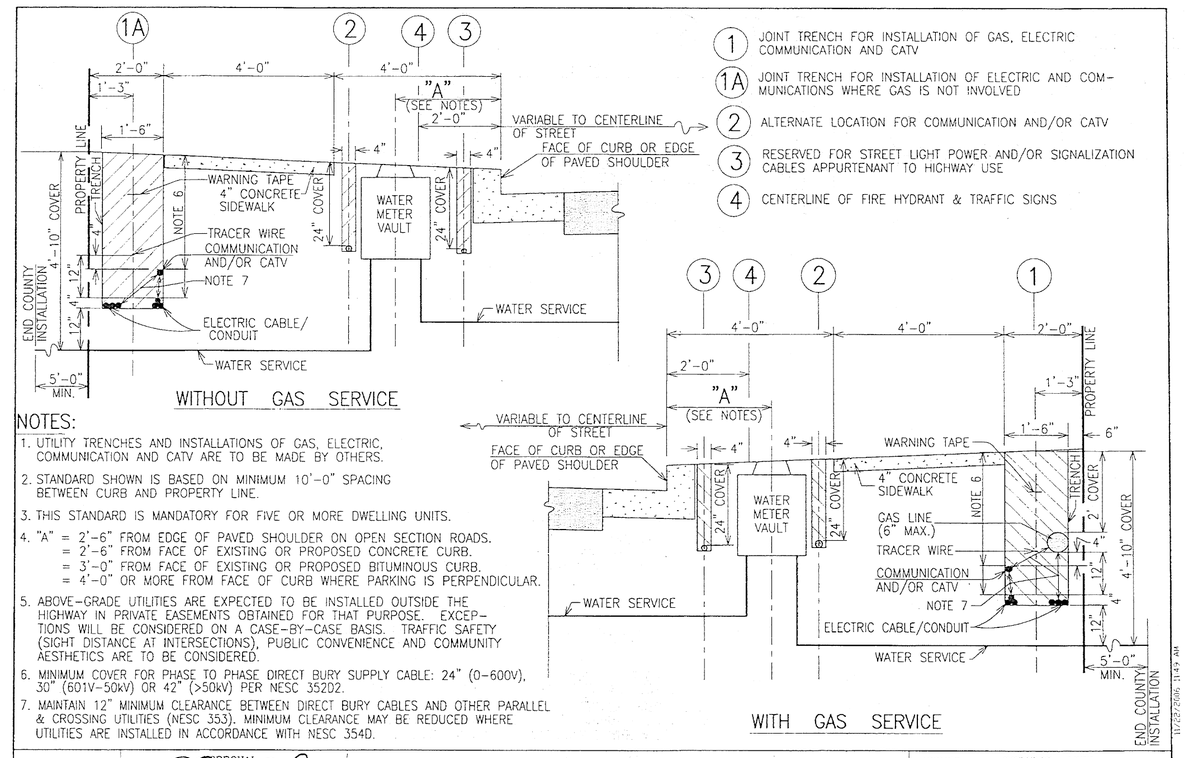
3. PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.

4. PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.

5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

| | | |
|---|---|---|
| U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE | 2011 | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION |




## NOTES:

1. UTILITY TRENCHES AND INSTALLATIONS OF GAS, ELECTRIC, COMMUNICATION AND CATV ARE TO BE MADE BY OTHERS.
2. STANDARD SHOWN IS BASED ON MINIMUM 10'-0" SPACING BETWEEN CURB AND PROPERTY LINE.
3. THIS STANDARD IS MANDATORY FOR FIVE OR MORE DWELLING UNITS.
4. "A" = 2'-6" FROM EDGE OF PAVED SHOULDER ON OPEN SECTION ROADS.
   = 2'-6" FROM FACE OF EXISTING OR PROPOSED CONCRETE CURB.
   = 3'-0" FROM FACE OF EXISTING OR PROPOSED BITUMINOUS CURB.
   = 4'-0" OR MORE FROM FACE OF CURB WHERE PARKING IS PERPENDICULAR.
5. ABOVE-GRADE UTILITIES ARE EXPECTED TO BE INSTALLED OUTSIDE THE HIGHWAY IN PRIVATE EASEMENTS OBTAINED FOR THAT PURPOSE. EXCEPTIONS WILL BE CONSIDERED ON A CASE-BY-CASE BASIS. TRAFFIC SAFETY (SIGHT DISTANCE AT INTERSECTIONS), PUBLIC CONVENIENCE AND COMMUNITY AESTHETICS ARE TO BE CONSIDERED.
6. MINIMUM COVER FOR PHASE TO PHASE DIRECT BURY SUPPLY CABLE: 24" (0-600V), 30" (601V-50kV) OR 42" (>50kV) PER NESC 352D2.
7. MAINTAIN 12" MINIMUM CLEARANCE BETWEEN DIRECT BURY CABLES AND OTHER PARALLEL & CROSSING UTILITIES (NESC 353). MINIMUM CLEARANCE MAY BE REDUCED WHERE UTILITIES ARE INSTALLED IN ACCORDANCE WITH NESC 354D.

BALTIMORE COUNTY MARYLAND

APPROVAL
DIRECTOR
BUR. OF ENGINEERING/CONSTRUCTION
1-3-07
DATE

DEPARTMENT OF PUBLIC WORKS
GENERAL DETAILS

UNDERGROUND UTILITY ACCOMMODATION IN PUBLIC ROADS FOR NEW SUBDIVISIONS

| | |
|---|---|
| ISSUED: | OCTOBER 1977 |
| REVISED: | NOVEMBER 1983 |
| REVISED: | NOVEMBER 2006 |

PLATE
G-5

G-5 9/06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