

TAX MAP 300 PARCEL 1894

VILLAGE LIQUORS 2 PIAZAZM

LOT 4 COMMERCIAL DEVELOPMENT

SITUATED ON SILO HILL PARKWAY EMMITSBURG, MARYLAND

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SHEET 1- COVER SHEET

SHEET 2- GRADING & STORMWATER PLAN

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GENERAL SITE NOTES:

- 1. THIS SITE IS ZONED B2- GENERAL COMMERCIAL. 2. THIS SITE HAS BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
- 3. THE WATER CLASS IS W-1 AND THE SEWER CLASS IS S-3.
- 4. WATER AND SEWER SERVICES SHALL BE SUPPLIED BY THE TOWN OF
- 5. THE PURPOSE DEVELOPMENT IS FOR A LIQUOR STORE ON THE FIRST FLOOR AND A HOTEL ON THE 2nd AND 3rd FLOORS.
- 6. A 6' DRAINAGE AND UTILITY EASEMENT IS RESERVED ON ALL LOT LINES. 7. PUBLIC WATER AND SEWER ARE IN CONFORMANCE WITH THE FREDERICK
- COUNTY MASTER WATER AND SEWER PLAN. 8. THE CRITERIA FOR HOTELS AS PERMITTED BY THE EMMITSBURG ZONING
- ORDINANCE WILL GOVERN THIS APPLICATION. 9. TOPOGRAPHY IS FROM FIELD SURVEY BY R. LEE ROYER & ASSOCIATES,
- 10. BOUNDARY SURVEY BY R. LEE ROYER & ASSOCIATES, 11. ALL SIGNS SHALL COMPLY WITH SECTION 17.38 OF THE TOWN OF
- EMMITSBURG ZONING ORDINANCE. A PERMIT IS REQUIRED FOR THEIR
- 12.NO WETLANDS OF "SPECIAL CONCERN" WERE OBSERVED ON WETLAND
- 13. THIS PROPERTY IS SHOWN ON FEMA MAP PANEL NO. 24021C0055D, DATED 9/19/2007. THE SITE IS DESIGNATED AS ZONE X. NO FEMA FLOODPLAIN LIMITS ARE SHOWN ON THIS SITE.
- 14. THE DEVELOPER SHALL VERIFY THE EXISTENCE, LOCATION, AND DEPTH OF ANY UTILITIES AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO THE BEGINNING OF WORK.
- 15. THE DEVELOPER SHALL FIELD VERIFY ALL LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
- 16. THE DEVELOPER SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 THREE (3) WORKING DAYS PRIOR TO BEGINNING ANY WORK IN THE VICINITY OF THE
- TOWN OF EMMITSBURG. 18. TRASH TO BE PICKED UP BY PRIVATE CONTRACTOR.
- 19. HORIZONTAL DATUM IS BASED ON MARYLAND SOUTH NAD83. 20. VERTICAL DATUM IS BASIN ON NAVD88. BENCHMARK IS A MANHOLE
- SOUTHWEST OF THE SITE IN SILO HILL PARKWAY WITH A RIM ELEVATION OF
- 21.BUILDING SURFACE IS STUCCO (EFIN).
- 22. SIGN IS A POLE SIGN WHICH WILL MEET ALL TOWN REGULATIONS. 23. SOILS KeB - Klinesville very channery loam, 3 to 8 percent slopes
 - RgA Readington silt loam, 0 to 3 percent slopes

SITE DATA:

EXISTING ZONING: B2 - GENERAL BUSINESS DISTRICT

TAX MAP 300 PARCEL 1894

GROSS LAND AREA: 2.00 ACRES

NEW BUILDING COVERAGE: 0.16 AC or 8%

SETBACKS: 25' FRONT 25' REAR 10' SIDE

MAXIMUM BUILDING HEIGHT: 35 FEET, 34 FEET 8 INCHES SHOWN

41 REQUIRED, 42 SHOWN

PARKING REQUIREMENTS: 1 SPACE PER HOTEL ROOM=20 REQUIRED, 20 SHOWN 1 SPACE PER 2 EMPLOYEES=2 REQUIRED, 2 SHOWN 1 SPACE PER 250 SF OF RETAIL=19 REQUIRED, 19 SHOWN

IMPERVIOUS AREA CREATED: 0.59 AC or 30%

GREEN SPACE RETAINED: 1.41 AC or 70%

CALL BEFORE YOU DIG! THE "MISS UTILITY LAW" (MARYLAND UNDERGROUND FACILITIES DAMAGE PREVENTION LAW) REQUIRES THAT MISS UTILITY BE CALLED AT LEAST 3 WORKING DAYS IN ADVANCE OF THE PLANNED WORK TO ALLOW TIME FOR MARKING, THAT THE MARKS BE RESPECTED AND PROTECTED, AND CALL 811 www.missutility.net/maryland



IMPROVEMENT PLAT OF LOT 4 VILLAGE LIQUORS & PLAZA INN

LOCATED ON SILO HILL PARKWAY TOWN OF EMMITSBURG ELECTION DISTRICT 5 FREDERICK COUNTY

MARYLAND

Record of Revisions Revision Made

OWNER/DEVELOPER: PRADÉEP & GOPI SAINI 3516 TIMBER GREEN DRIVE FREDERICK, MD 21704 (301) 676-5400

TAX MAP 300 GRID 6 PARCEL 1894

DEED REFERENCE: 14068/386

OWNER: PRADEEP & GOPI SAINI 3516 TIMBER GREEN DR FREDERICK, MD 21704 (301) 676-5400

SIDE YARD: 10 FT

REAR YARD: 25 FT

SITE DATA FRONT YARD: 25 FT

R LEE ROYER & ASSOCIATES SURVEYING PENNSYLVANIA - MARYLAND

10764 BUCHANAN TRAIL EAST WAYNESBORO, PA 17268 717-762-5619

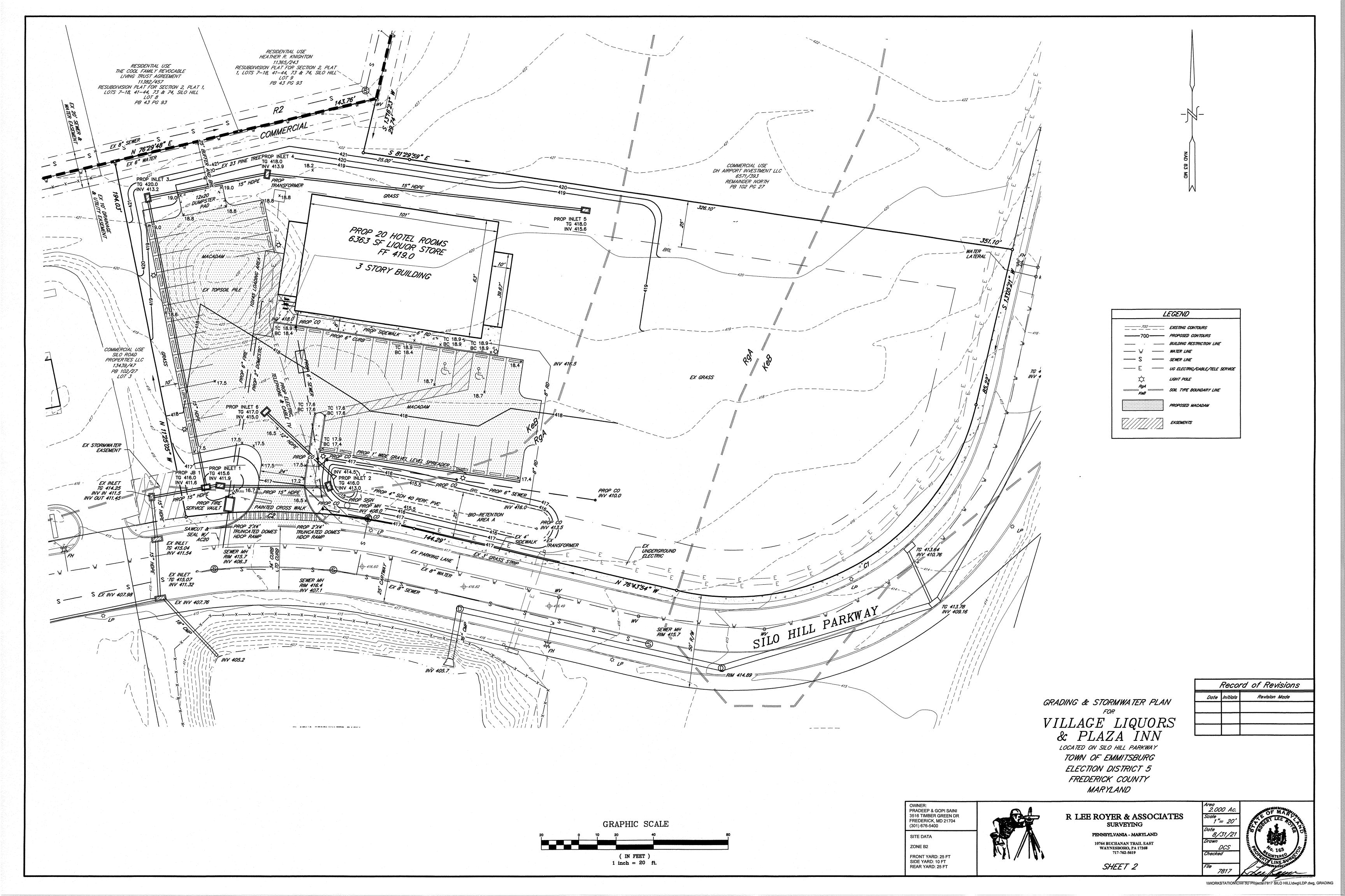
2.000 Ac.

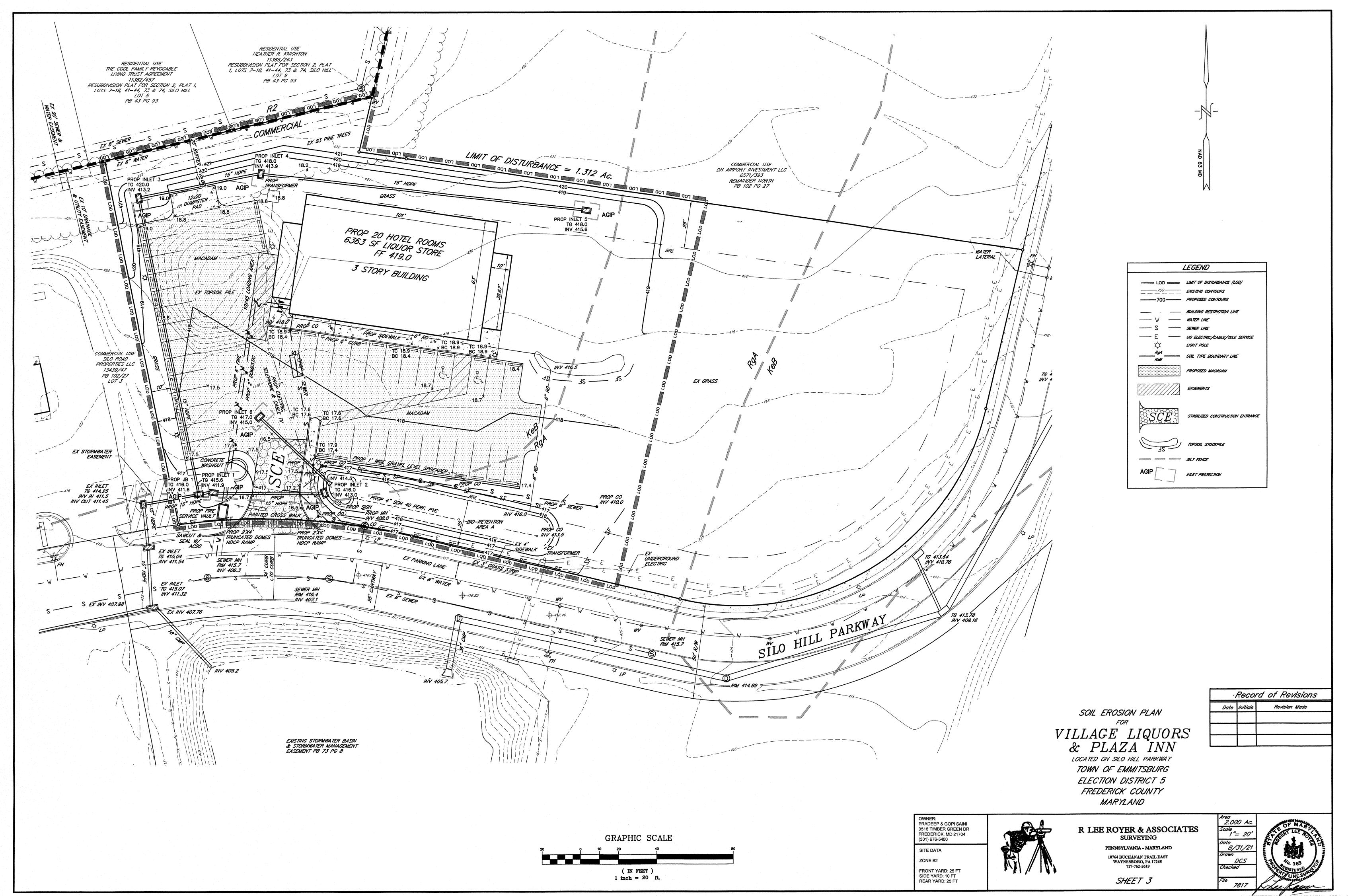
SHEET 1

APPROVED **EMMITSBURG PLANNING COMMISSION**

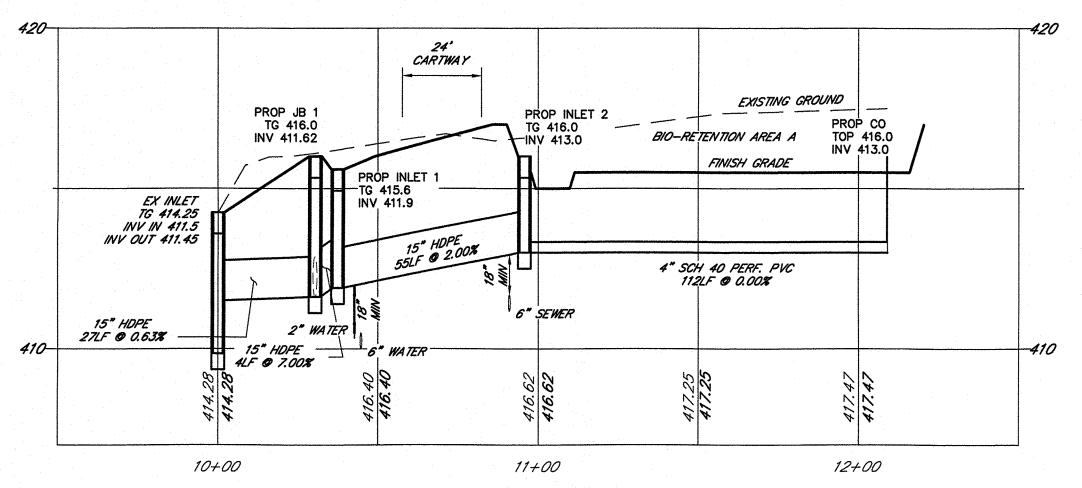
APPROVED **EMMITSBURG MAYOR**

CHAIRMAN

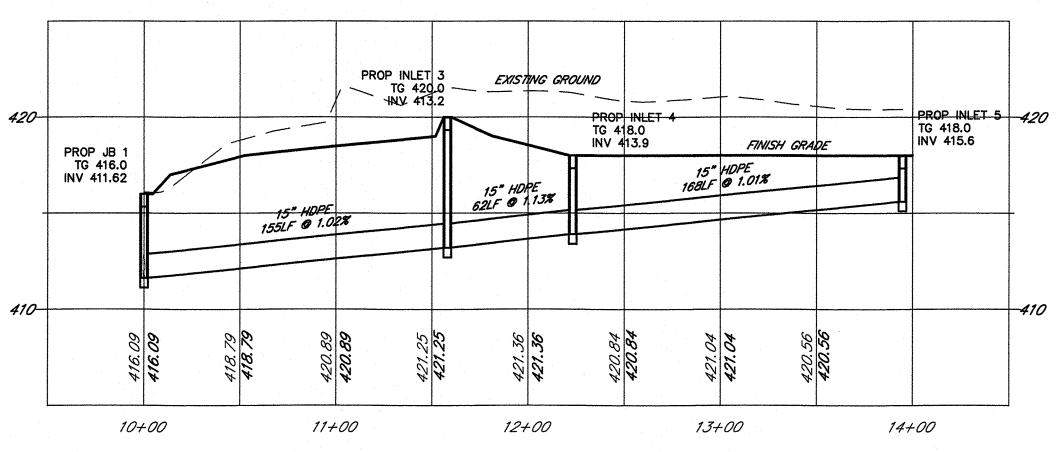




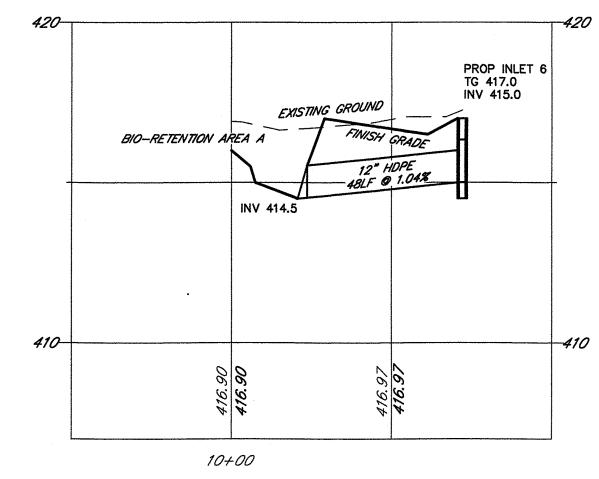
\WORKSTATION\Civil 3D Projects\7817 SILO HILL\dwg\LDP.dwg, S



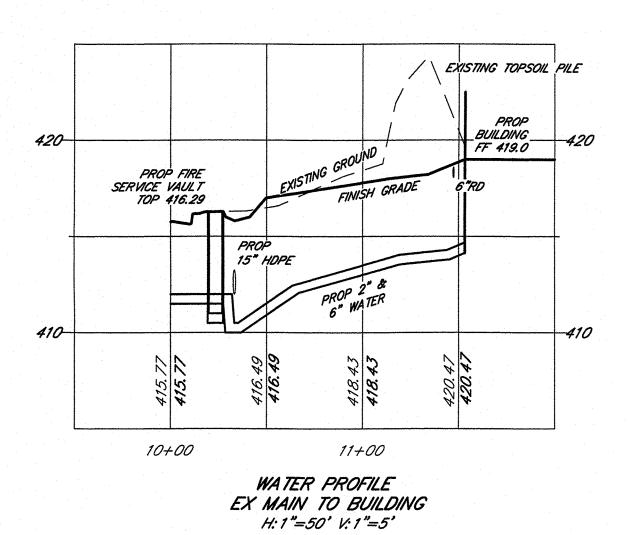
STORM DRAIN PROFILE EX INLET TO PROP BIO-RETENTION AREA A CO H:1"=30' V:1"=3'

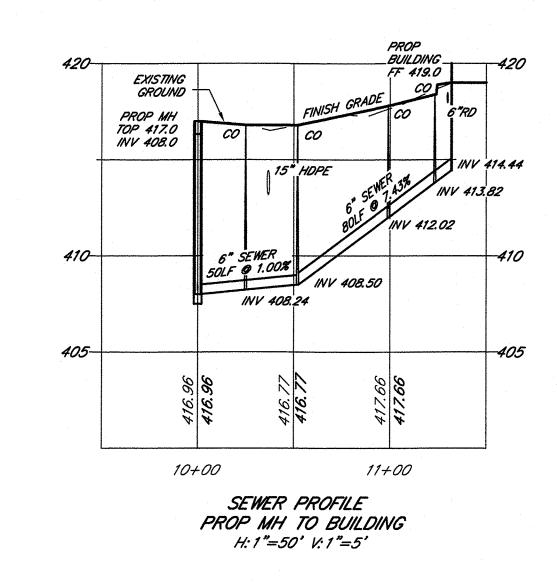


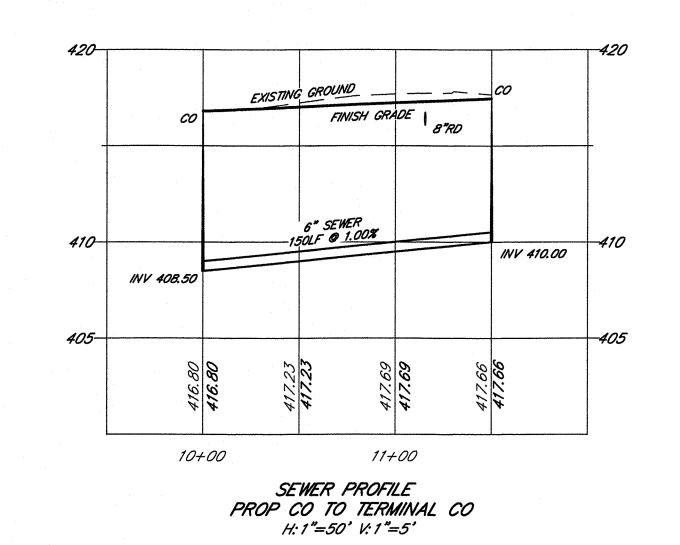
STORM DRAIN PROFILE PROP JB 1 TO PROP INLET 5
H: 1"=50" V: 1"=5"



STORM DRAIN PROFILE BIO-RETENTION AREA A TO PROP INLET 6 H:1"=30' V:1"=3'







PROFILES FOR VILLAGE LIQUORS & PLAZA INN

LOCATED ON SILO HILL PARKWAY TOWN OF EMMITSBURG ELECTION DISTRICT 5 FREDERICK COUNTY MARYLAND

	Recol	rd of Revisions
Date	Initials	Revision Made

OWNER: PRADEEP & GOPI SAINI 3516 TIMBER GREEN DR FREDERICK, MD 21704 (301) 676-5400

SITE DATA ZONE B2

FRONT YARD: 25 FT SIDE YARD: 10 FT REAR YARD: 25 FT



R LEE ROYER & ASSOCIATES SURVEYING

SHEET 4

PENNSYLVANIA - MARYLAND 10764 BUCHANAN TRAIL EAST WAYNESBORO, PA 17268 717-762-5619



GENERAL PLAN NOTES

- Until the site is stabilized, all erosion and sediment control BMP's must be maintained properly. Maintenance mus include inspections of all erosion and sediment control BMPs after each runoff event and on a weekly basis. All preventative and remedial maintenance work, including clean out, repair, replacement, regarding, reseeding, re-mulching and re-netting must be performed immediately. If erosion and sediment control BMP's fail to perform as expected, replacement BMP's, or modifications of those installed will be required.
- Any sediment removed from BMP's during construction will be returned to upland areas on site and incorporated into the site grading.
- Topsoil stockpile heights shall not exceed 35 feet. Stockpile side slopes must be 2:1 or flatter. Environmental due diligence must be performed to determine if fill material associated with the project qualify as clean fill. Environmental due diligence is defined as: Investigative techniques, including, but not limited to, visual property inspections, electronic data base searches, review of property ownership, review of property use history, Sanborn maps, environmental questionnaires, transaction screens, analytical testing, environmental assessments or audits. Analytical testing is not a required part of due diligence unless visual inspection and/or review of the past land use of the property indicates that the fill may have been subjected to a spill or release of a regulated substance. If the fill may have been affected by a spill or release of a regulated substance, it must be tested to determine if it qualifies as clean fill. Testing should be performed in accordance with Appendix A of the department's policy "Management of Clean Fill".

SEQUENCE OF CONSTRUCTION

- NOTIFY THE FCSCD AT (301) 514-5984 AT LEAST 5 DAYS PRIOR TO THE START OF CONSTRUCTION TO SHEDULE
- A PRE CONSTRUCTION MEETING.
 2. NOTIFY THE COUNTY ENGINEERING DEPARTMENT 5 DAYS PRIOR TO THE START OF CONSTRUCTION AT (PHONEM)
 2. NOTIFY THE COUNTY ENGINEERING DEPARTMENT 5 DAYS PRIOR TO THE START OF CONSTRUCTION AT (PHONEM)
 3. INSTALL STABILIZED CONSTRUCTION ENTRANCE WITH A MOUNTABLE BERM. INSTALL PIPE UNDER DRIVEWAY AND
 INLETS. PLACE INLET PROTECTION. PLACE SILT FENCE BLOW CONSTRUCTION AREAS, ABOVE THE PROPOSED
 BURGETENTION AREA AND ON THE DOWN HILL SIDE OF ALL PROPOSED TOPSOIL STOCKPLES AS SHOWN ON THE
 PLANS. TIE SILT FENCE INTO THE CONSTRUCTION ENTRANCE. INSTALL CONCRETE WASHOUT.
 4. INSTALL REMAINING PIPES AND INLETS. PLACE INLET PROTECTION. SEED AND MULCH OVER PIPE WITH
 TEMPORARY COVER.

- TEMPORARY COVER.

 CLEAR AND STRIP TOPSOIL FROM CONSTRUCTION AREA. STOCKPILE TOPSOIL, TEMPORARY SEED AND MULCH ACCORDING WITH TEMPORARY SEEDING NOTES.

 GRADE THE SITE. BUILDING CONSTRUCTION MAY BEGIN. INSTALL UTILITIES, ROOF DRAINS AND SIDEWALKS. PLACE STONE ON ENTRANCE DRIVE AND PARKING AREAS AS SOON AS FINISHED GRADE IS ACHIEVED. PLACE A MINIMUM OF 6" OF TOP SOIL ON THE SITE, MULCH AND SEED WITH PERMANENT COVER. INSTALL BIO RETENTION AREA ACCORDING TO THE DETAILS.
- NOTIFY THE FREDERICK COUNTY SOIL CONSERVATION DISTRICT AT (301) 514-5984 AND THE FREDERICK COUNTY ENGINEERING DEPARTMENT AT (PHONES) AT LEAST 5 DAYS PRIOR TO THE REMOVAL OF ANY SEDIMENT CONTROL FEATURES TO SCHEDULE A FINAL SITE CLOSE OUT REVIEW MEETING.
- AFTER RECEIVING FCSCD APPROVAL, THE TEMPORARY SEDIMENT CONTROLS MAY BE REMOVED (IE.: THE SILT AFIER RECEIVING FOSOD AFFRONEL, THE TEMPORARY SEMINENT COVERNOLS MAY BE REMOVED (IE.: THE SILT FENCE, INLET PROTECTION AND STABILIZED CONSTRUCTION ENTRANCE), MUCH AND SEED ANY AREAS DISTURBED BY THE REMOVAL OF THE TEMPORARY CONTROLS WITH PERMANENT COVER.

ESTIMATED TIME OF CONSTRUCTION AUGUST 2021 — AUGUST 2022

SOIL EROSION MAINTENANCE SCHEDULE

- The soil erosion facilities shown on these plans shall be constructed and maintained by the owner.
- Soil erosion facilities shall be inspected weekly and after every measurable storm event. The owner, contractor or assigns shall be responsible for continuing maintenance of the facilities which shall include such items as mowing, cleaning and removing sediment and or debris. All sediments shall be
- stockpiled and seeded and will be used in final grading. All building materials and wastes must be removed from the site and recycled or disposed of in accordance with Department's Solid Waste Management Regulations at 25 Pa. Code 260.1 et seq., 271.1., and 287.1 et
- seq. No building materials or wastes or unused building materials shall be burned, buried, dumped, or discharged at the site. Until the site is stabilized, all erosion and sediment control BMPs must be maintained properly. Maintenance must include inspections of all erosion and sediment control BMPs after each runoff event and on a weekly basis. All preventative and remedial maintenance work, including cleanout, repair, replacement, re-grading,
- reseeding, re-mulching and re-netting must be performed immediately. If erosion and sediment control BMPs fail to perform as expected, replacement BMPs or modifications of those installed will be required. Any sediment removed from BMPs during construction will be returned to upland areas on site and
- A log showing the dates that E&S BMPs were inspected as well as any deficiencies found and the date that they were corrected shall be maintained on the site and be made available to the Frederick Soil Conservation District or other regulatory agency officials at the time of inspection.

EROSION AND SEDIMENT CONTROL NOTES

- .. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN CONTINUOUS COMPLIANCE WITH THE LATEST VERSION OF THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- . ALL UTILITIES, SUCH AS STORM DRAIN, PUBLIC WATER, SANITARY SEWER, ELECTRIC POWER, TELEPHONE, CABLE, AND GAS LINES THAT ARE NOT IN PAVED AREAS AND ARE NOT UNDERGOING ACTIVE GRADING SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED WITHIN 3 DAYS OF INITIAL DISTURBANCE.
- s. THE OWNER/DEVELOPER OR THEIR DESIGNATEE IS RESPONSIBLE FOR CONDUCTING ROUTING INSPECTIONS AND REQUIRED MAINTENANCE, THE SITE AND CONTROLS SHOULD BE INSPECTED WEEKLY AND THE NEXT DAY AFTER EACH RAIN EVENT**. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN A SUITABLE AREA AND SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED.

**ANY PROJECT THAT HAS A STATE ISSUED N.O.I. PERMIT MUST DOCUMENT EACH INSPECTION AND MAINTAIN AN

STABILIZATION SPECIFICATIONS

- 1) Upon temporary cessation of an earth disturbance activity or any stage or phase of an activity where a cessation of earth disturbance activities will exceed 4 days, the site shall be immediately seeded, mulched, or otherwise protected
- from accelerated erosion and sedimentation pending future earth disturbance activities. Permanent stabilization is defined as a minimum uniform 70% perennial vegetative cover or other permanent non-vegetative cover with a density sufficient to resist accelerated surface erosion and subsurface characteristics
- sufficient to resist sliding and other movements. 3) Topsoil required for the establishment of vegetation shall be stockpiled at the location(s) shown on the plan drawings in the amount necessary to complete the finish grading of all exposed areas that are to be stabilized by vegetation. Each stockpile shall be protected in the manner shown on the plan drawings. Topsoil stockpile heights shall not exceed
- 35 feet. Stockpile side slopes must be 2:1 or flatter 4) Areas which are to be topsoiled shall be scarified to a minimum depth of 3 to 5 inches - 6 to 12 inches on compacted soils - prior to placement of topsoil. Areas to be vegetated shall have a minimum 4 inches of topsoil in place prior to seeding and mulching. Fill outslopes shall have a minimum of 2 inches of topsoil.
- i) Topsoil should not be placed while the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet, or in a condition that may otherwise be detrimental to proper grading and seedbed preparation. Compacted soils should be scarified 6 to 12 inches along contour whenever possible prior to seeding. 6) Immediately after earth disturbance activities cease, the operator shall stabilize the disturbed areas. During
- non-germinating periods, mulch must be applied at the specified rates. Disturbed areas which are not at finished grade and which will be re-disturbed within 1 year must be stabilized in accordance with the temporary vegetative stabilization specifications. Disturbed areas which are at final grade or which will not be re-disturbed within 1 year must be stabilized in accordance with the permanent vegetative stabilization specifications.
- () An erosion control blanket will be installed on all disturbed slopes steeper than 3:1, all areas of concentrated flows, and disturbed areas within 50' of a surface water.

STANDARD STABILIZATION NOTE

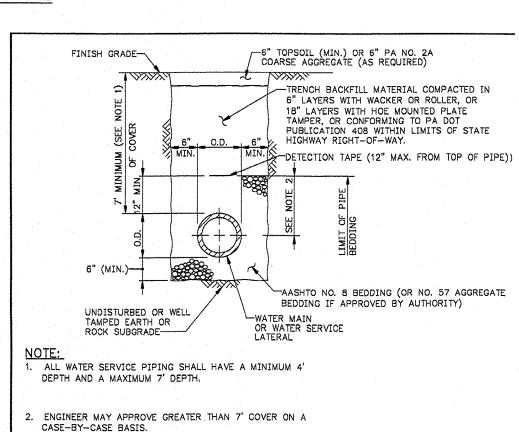
A. Three (3) calendar days as to the surface of all perimeter dikes, swales, ditches, perimeter slopes, and all

- slopes steeper than 3 horizontal to 1 vertical (3:1); and
- B. Seven (7) calendar days as to all other disturbed or graded areas on project site not under active grading.

Following initial soil disturbance or re-distribution, permanent or temporary stabilization must be completed within:

For stabilization standards and specifications, refer to the following sections in the 2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control

Temporary Stabilization - Section B-4-4 Permanent Stabilization - Section B-4-5



SPECIFICATIONS FOR BIO-RETENTION AREAS

meet the following criteria:

Potassium (potash K20)

Phosphorus (phosphate -P205)

Magnesium

Soluble salts

as reauirea

GEOTEXTILE

CONCRETE

The soil (filter media) for the bio-retention area shall have a composition of 50-60% sand,

20-30% compost, 20-30% topsoil and no more than 5% clay. The soil shall be uniform and

free of any material that will retard and/or inhibit plant growth. The soil shall be tested and

5.2 - 7.0

35 lb/ac

75 lb/ac

85 lb/ac

lightly tamped with a back hoe or dozer bucket when placed.

months in order to be acceptable for use in a bio-retention area.

damaged during construction shall be removed and replaced immediately.

layer and shall have a removable water tight cap. All joints between pipe

be constructed when the area draining to the basin is completely stabilized.

only. Stakes shall be equally spaced on the outside of the planting ball.

sections/fittings/drainage structures shall be water tight.

shall be free of deleterious material such as rocks, stumps, roots, etc. The soil shall be also

not to exceed 500 ppm

All bio-retention areas shall have a minimum of one test. A textural analysis is required for

each area on which the soil is obtained. Should the pH fall outside the acceptable range, it

Compaction of the base of the bio-retention area and the soil fill shall be minimized at all times. When possible, the contractor shall use track hoes to remove original soil. If a loader is

used, light weight, wide track equipment shall be employed in order to minimize compaction of

wide track equipment within the limits of the facility in order to place the soil. Soil fill shall be

the insitu soil. When back filling the facility, place soil in 12"-18" lifts. again, use light weight,

A mulch layer shall be provided on top of the planting soil. This layer of mulch shall be 3"

thick and shall be comprised of hardwood mulch. Pine mulch or wood chips are not acceptable due to the fact that they will float during inundation. All mulch must be aged at least six (6)

Where geotextile fabric is specified, a class "C" or better fabric shall be used. adjacent strips

All pipe and fittings used in under drains shall be schedule 40 PVC or heavier. Perforated pipe

shall be used within the stone under drain layer and shall terminate one (1) foot short of the

trench wall. All perforations shall be 3/8" in diameter All pipe used outside of the stone layer

of the cleanout shall be placed a minimum of three (3) inches above the top of the mulch

shall consist of solid pipe. Each run of pipe shall have a minimum of one (1) cleanout. The top

If required, pour in place concrete shall conform to MD SHA mix #3, f'c = 3,000 psi @ 28 days.

The stone used in the under drain and/or infiltration areas shall be #57 (double washed). Stone

roots, etc. and shall be placed in a maximum of 12 inch loose lifts. Care shall be exercised to

The bio-retention area may not be used as a sediment basin. The bio-retention area shall only

All trees, shrubs, and grasses shall be of nursery quality stock, symmetrical growth, and be free

of insects, pests, and diseases. Any plants that have become diseased or pest ridden shall be

landscape practices. Adding fertilizer to the plants defeats the goal of the bio-retention area

Only add fertilizer if wood chips or mulch is used to amend the soil. Rototill urea fertilizer at a

rate of two (2) pounds per 1,000 square feet. All plant material shall be watered every day for

above the final grade surface. Any area that is excavated for planting shall be back filled with

the appropriate planting soil as specified above. If necessary, trees, and bushes shall be staked

in accordance with the details shown on these plans. Trees shall be staked for the first year

two weeks after installation. The diameter of the planting pit shall be at least 6" larger than

the diameter of the planting ball. The root ball shall be installed so 1/8 the of the ball is

replaced by the owner. Trees, shrubs, and plants shall be placed in accordance with good

shall be clean, uniformly graded and free of deleterious material such as organic mater, dirt,

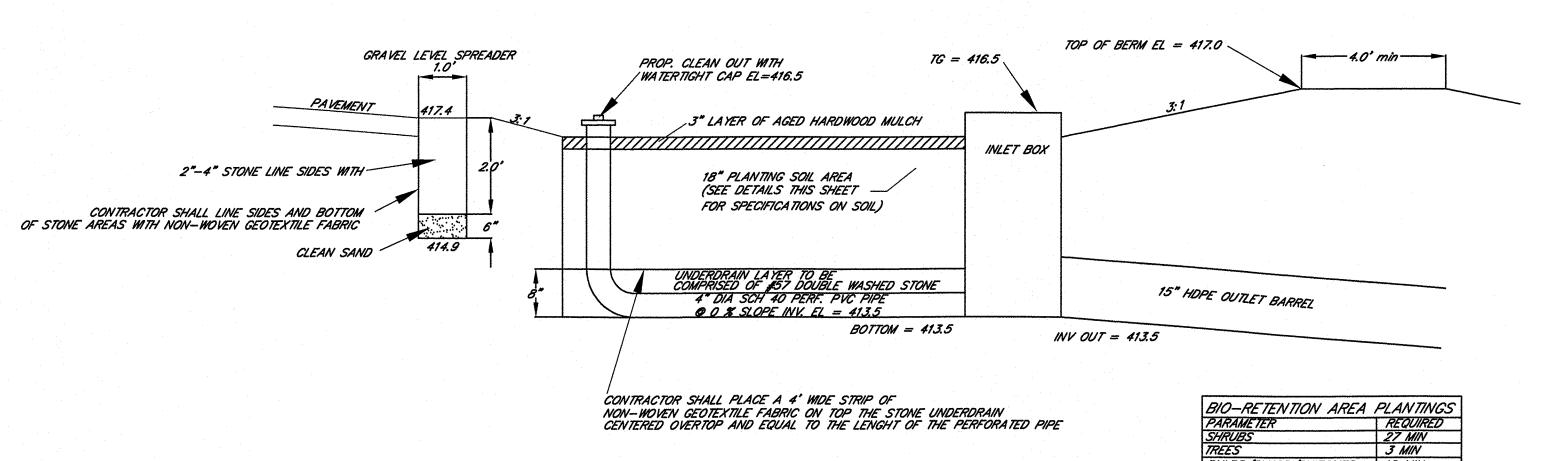
prevent soil from infiltrating the stone layer. If the stone layer should become contaminated

with soil, the affected aggregate shall be removed and replaced with clean stone material.

shall be overlapped a minimum of one (1) foot in all directions. Any geotextile fabric that is

may be raised with the addition of lime or lowered with the addition of iron sulfate plus sulfur

TRENCH BACKFILL DETAIL IN UNPAVED AREAS



CROSS SECTION OF BIORETENTION AREA A NOT TO SCALE

Seeding and Mulching Schedules:

Temporary Seeding Schedule - These notes apply to graded or cleared areas that are likely to be re-disturbed or where a short-term vegetative cover is needed or where there will be a cessation of work

greater than four (4) days. Seedbed Preparation: Loosen upper three inches of soil by raking, disking, or other acceptable means before seeding. Perform all cultivations at right angles to the slope.

Soil Amendments: Apply 1 ton of agricultural grade limestone per acre, plus fertilizer at the rate of 50-50-50 per acre. Work well into the soil.

- Spring (Until June 15)-
- Annual Ryegrass 40lb/acre (80.75% live seed) or Spring Oats 96 lb/acre
- or Spring Oats plus Ryegrass 64 lb/acre Oats plus 20 lb/acre annual or perennial Ryegrass
- or Winter Wheat 180 lb/acre or Winter Rye 168 lb/acre

Late Spring/Summer (June 16 thru August 15)

- Annual Ryegrass 40 lb/acre (80.75% live seed) or Japanese or Foxtail Millet 35 lb/acre
- or Sudangrass 40 lb/acre
- or Spring Oats 96 lb/acre
- or Winter Wheat 180 lb/acre
- or Winter Rye 168 lb/acre

Late Summer/Fall (August 16 and later)

- Annual Ryegrass 40 lb/acre (80.75% live seed)
- or Winter Rye 168 lb/acre or Winter Wheat 180 lb/acre

Permanent Seeding Schedule - Seeding of the disturbed areas shall take place immediately upon the completion of final grading activities. These notes apply to graded or cleared areas, not subject to immediate or further disturbance, where a permanent long-lived vegetative cover is needed. <u>Seedbed Preparation</u>: Loosen upper three inches of soil by raking, disking, or other acceptable means

before seeding. Perform all operations at right angles to the slope. Top Soil Replacement: 6 inches on areas to be vegetated. A minimum of 4-6 inches on steep slopes (3:1

Soil Amendments: It is recommended that site specific soil testing be performed. In lieu of soil test

recommendations, use one of the following schedules: Preferred - Apply 4-6 tons per acre of lime (275 lbs/1000 sf) and 600 lbs per acre 10-20-20 fertilizer (15 lbs/1000 sf) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply

400 lbs per acre 30-0-0 Ureaform fertilizer (91 lbs/1000 sf) Acceptable - Apply 4-6 tons per acre of lime (275 lbs/1000 sf) and 100 lbs per acre 10-20-20 fertilizer (23 lbs/1000 sf) before seeding. Harrow or disc into upper three inches of soil.

AGGREGATE. TRENCH BACKFILL PER

BEDDING IF APPROVED BY AUTHORITY)

Tall Fescue 60lb/Acre (76% live seed)

6" (MIN.)---

DEPTH AND MAXIMUM 7' DEPTH

NOTE:

1. BACKFILL AND COMPACTION REQUIREMENT APPLIES TO

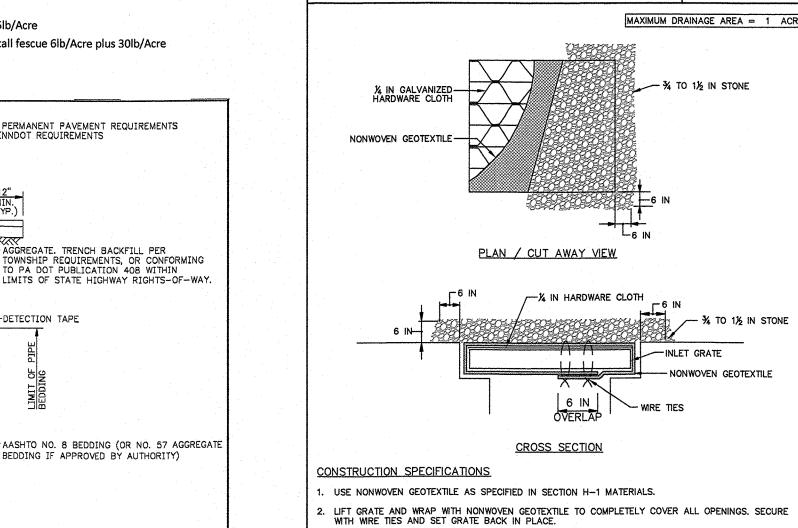
2. ALL WATER SYSTEM PIPING SHALL HAVE A MINIMUM 4'

PAVED ROADWAYS AND SHOULDERS OF PROPOSED AND EXISTING STREETS (OTHER THAN STATE HIGHWAYS), PAVED

- or Fine Fescue 35lb/Acre
- or Kentucky bluegrass plus redtop 25lb/Acre Kentucky blue grass plus 3lb/Acre redtop
- or Perennial rye grass 15lb/Acre
- or Birdsfoot trefoil plus tall fescue 6lb/Acre plus 30lb/Acre

-ALL TEMPORARY AND PERMANENT PAVEMENT REQUIREMENTS
PER TOWNSHIP OR PENNDOT REQUIREMENTS

-DETECTION TAPE



PLANT SHRUBS @ 8' 0/C

MAINTENANCE SCHEDULE

Inspect & repair erosion Inspect repair

Inspect/monitor water

Inspect ooutlet pipe

and concrete inlet

on planted trees

plants/weeds Treatment of diseased

Mow berm and grass area

outside of impoundment

Mow grass inside of bio-

DETAIL E-9-2 AT-GRADE INLET PROTECTION

retention area impound

Remove invasive

Remulch disturbed areas | as required

Level in underdrain system once per month

rodent/pest_damage

PLANT PLUGS/RHISOMES/BULBS IN BETWEEN SHRUBS

\ PLUGS/RHISOMES/BÛLBS

once per month

year only

s needed

once per day for the first

14 days &/or as needed

during drought conditions as needed for the first

twice per year during

during growing season

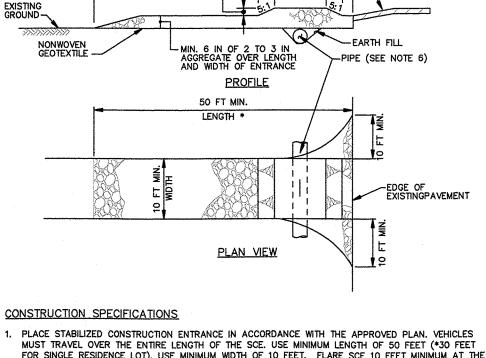
minimum of once per month

STANDARD SYMBOL

AGIP

- STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL



SCE

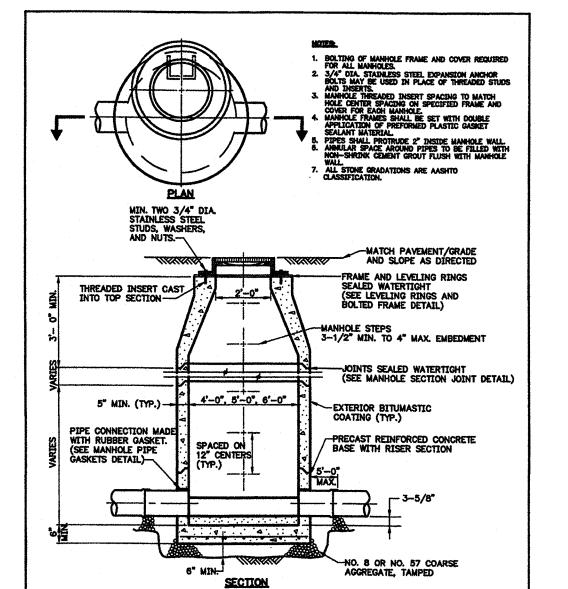
EXISTING PAVEMENT

DETAIL B-1 STABILIZED CONSTRUCTION

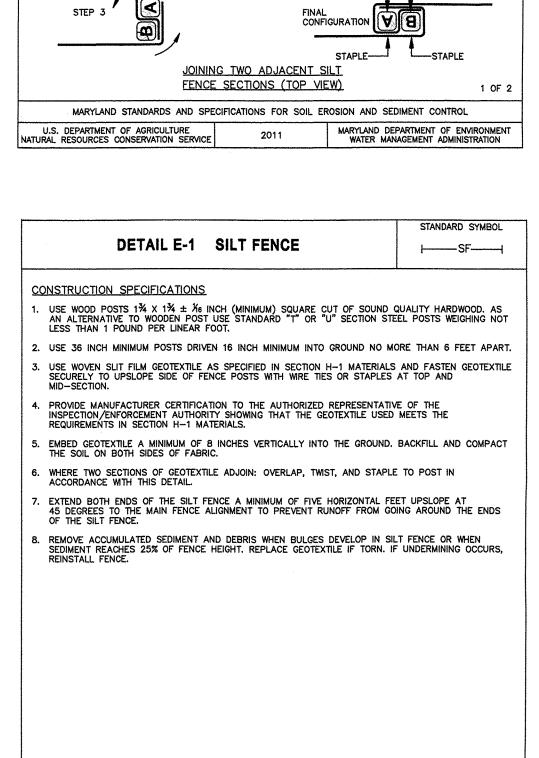
ENTRANCE

- FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- 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
- PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS. . 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.
- 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 O AN APPROVED SEDIMENT CONTROL PRACTICE.

MARYLAND STANDARDS AND SPE	CIFICATIONS FOR SOIL ER	OSION AND SEDIMENT CONTROL
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



PRECAST CONCRETE MANHOLE DETAIL NOT TO SCALE



MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

DETAIL E-1 SILT FENCE

ELEVATION

CROSS SECTION

STEP 2

TWIST POSTS TOGETHER

STAPLE-

STAPLE ---

___STAPLE

6 FT MAX. CENTER TO CENTER

EMBED GEOTEXTILE-MIN. OF 8 IN VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF GEOTEXTILE.

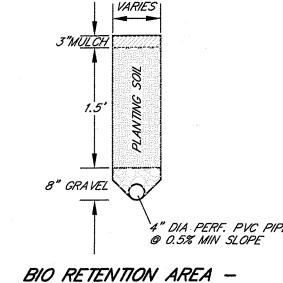
STAPLE-

STANDARD SYMBOL

|----SF-----|

__36 IN MIN. FENCE POST LENGTH DRIVEN MIN. 16 IN INTO GROUND

16 IN MIN. HEIGHT OF WOVEN SLIT FILM GEOTEXTILE



1" DIA PERF. PVC PIPE CROSS SECTION THROUGH PIPE NOT TO SCALE

NOTES & DETAILS VILLAGE LIQUORS & PLAZA INN LOCATED ON SILO HILL PARKWAY TOWN OF EMMITSBURG ELECTION DISTRICT 5

FREDERICK COUNTY

MARYLAND

U.S. DEPARTMENT OF AGRICULTURE
TURAL RESOURCES CONSERVATION SERVICE

PRADEEP & GOPI SAINI 3516 TIMBER GREEN DR FREDERICK, MD 21704 (301) 676-5400 SITE DATA ZONE B2

FRONT YARD: 25 FT

SIDE YARD: 10 FT

REAR YARD: 25 FT

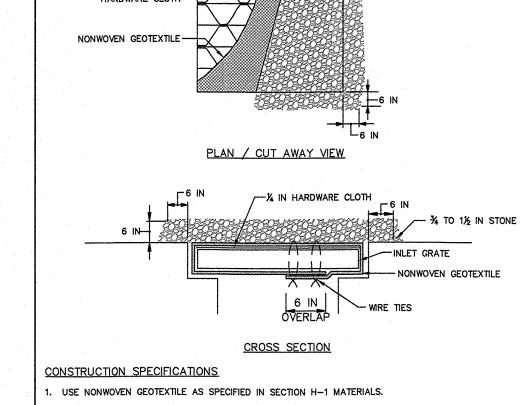


R LEE ROYER & ASSOCIATES SURVEYING

\\WORKSTATION\Civil'3D Projects\7817 SILO HILL\dwg\LDP.dwg, DETAILS

2 OF 2

PENNSYLVANIA - MARYLAND 10764 BUCHANAN TRAIL EAST WAYNESBORO, PA 17268 717-762-5619 SHEET 5



PLACE CLEAN 1/4 TO 11/2 INCH STONE OR EQUIVALENT RECYCLED CONCRETE 6 INCHES THICK ON THE

OGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE

TRENCH BACKFILL DETAIL IN PAVED AREAS