

Building Address: 4606 Sheppard Manor Dr. Ellicott City

Suite/Apt. # _____ SDP/WP/BA #: _____

Census Tract: _____ Subdivision: _____

Section: _____ Area: _____ Lot: _____

Tax Map: _____ Parcel: _____ Grid: _____

Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: _____

Proposed Use: _____

Estimated Construction Cost: \$ _____

Description of Work: _____

Occupant or Tenant: _____

Was tenant space previously occupied? Yes No

Contact Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

Email: _____

Property Owner's Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Home Phone: _____ Work Phone: _____

Applicant's Name & Mailing Address, (If other than stated herein): _____

Phone: _____ Fax: _____

Email: _____

Contractor Company: _____

Contact Person: _____

Address: _____

City: _____ State: _____ Zip Code: _____

License No. : _____

Phone: _____ Fax: _____

Email: _____

Engineer/Architect Company: _____

Responsible Design Prof.: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

Email: _____

BUILDING DESCRIPTION - COMMERCIAL

Building Characteristics	Utilities
Height:	<u>Water Supply</u>
No. of stories:	<input type="checkbox"/> Public
Gross area, sq. ft./floor:	<input type="checkbox"/> Private
	<u>Sewage Disposal</u>
Area of construction (sq. ft.):	<input type="checkbox"/> Public
	<input type="checkbox"/> Private
Use group:	Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No
	Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No
<u>Construction type:</u>	<u>Heating System</u>
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Electric <input type="checkbox"/> Oil
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas
<input type="checkbox"/> Masonry	<u>Sprinkler System:</u>
<input type="checkbox"/> Wood Frame	<input type="checkbox"/> N/A
<input type="checkbox"/> State Certified Modular	<input type="checkbox"/> Full
<input checked="" type="checkbox"/> Roadside Tree Project Permit	<input type="checkbox"/> Partial
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Other Suppression
Roadside Tree Project Permit #	No. of Heads:

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics	Utilities
<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	<u>Water Supply</u>
<u>Depth</u> <u>Width</u>	<input type="checkbox"/> Public
1 st floor:	<input type="checkbox"/> Private
2 nd floor:	<u>Sewage Disposal</u>
Basement:	<input type="checkbox"/> Public
<input type="checkbox"/> Finished Basement	<input type="checkbox"/> Private
<input type="checkbox"/> Unfinished Basement	Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Crawl Space	Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Slab on Grade	<u>Heating System</u>
No. of Bedrooms:	<input type="checkbox"/> Electric
<u>Multi-family Dwelling</u>	<input type="checkbox"/> Oil
No. of efficiency units:	<input type="checkbox"/> Natural Gas
No. of 1 BR units:	<input type="checkbox"/> Propane Gas
No. of 2 BR units:	
No. of 3 BR units:	
Other Structure:	
Dimensions:	
Footings:	<input checked="" type="checkbox"/> Roadside Tree Project Permit
Roof:	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> State Certified Modular	Roadside Tree Project Permit #
<input type="checkbox"/> Manufactured Home	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: _____ Print Name: _____

Email Address: _____ Date: _____

Title/Company: _____

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health		<u>Dana Bernard</u>
Fire Protection		

DPZ SETBACK INFORMATION

Front: _____

Rear: _____

Side: _____

Side St.: _____

All minimum setbacks met? Yes No

Is Entrance Permit Required? Yes No

Historic District? Yes No

Lot Coverage for New Town Zone: _____

SDP/Red-line approval date: _____

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START
 ONE STOP SHOP

SHEPPARD MANOR DRIVE
(Public Access Place)

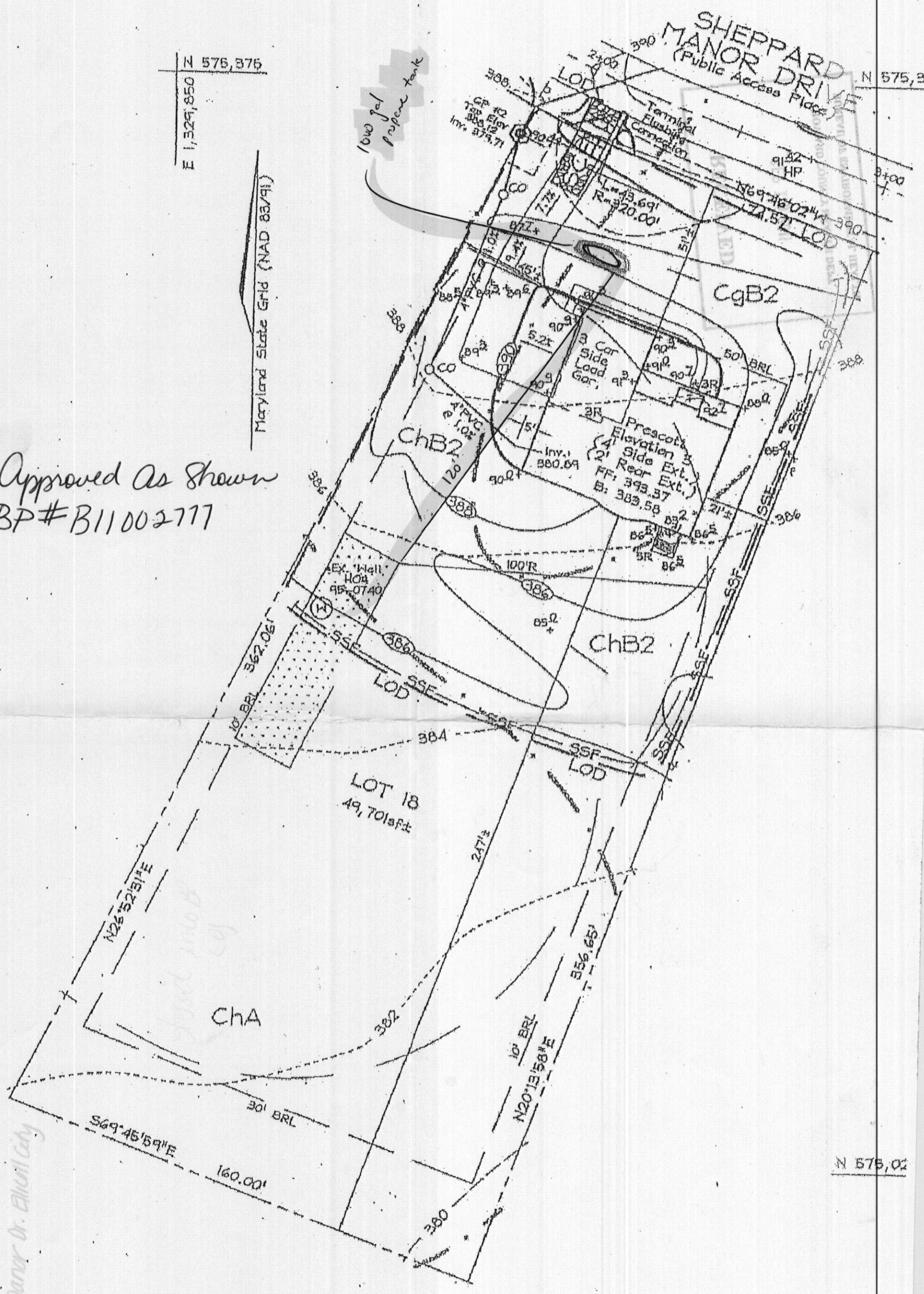
N 575,375
E 1,329,850

N 575,37

1600 gal
Paper tank

Maryland State Grid (NAD 83/91)

Approved As Shown
BP# B11002711

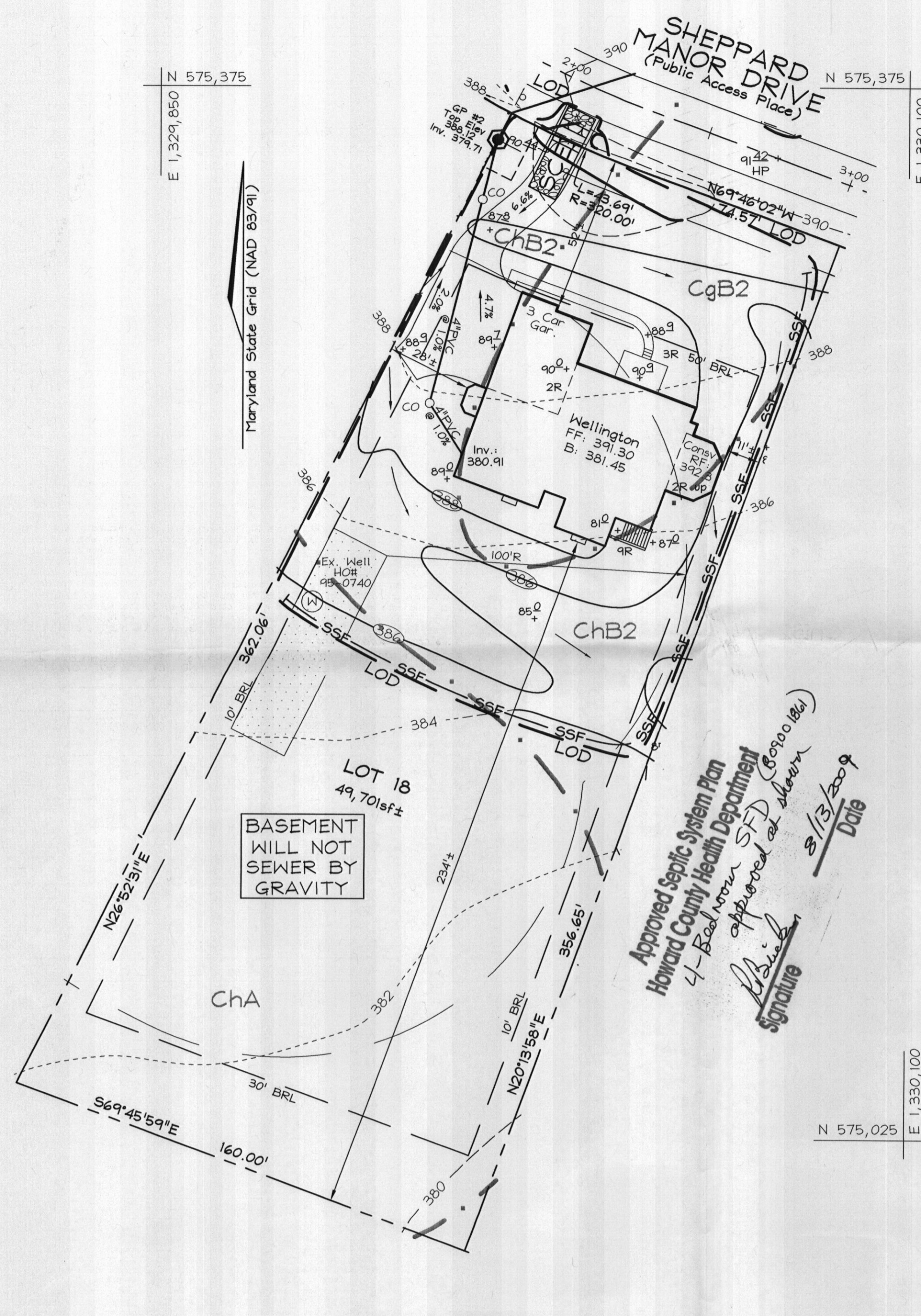


PLAN VIEW
SCALE: 1"=30'

N 575,02

4600 Sheppard Manor Dr. Ellencity

1,000 Gal Tank
4600 ~~4603~~ Sheppard
Ellencity, NC



PLAN VIEW
SCALE: 1"=30'

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: In lieu of soil test recommendations, use the following schedule: Apply 2 tons per acre dolomitic limestone (92 lbs/1000 s.f.) And 400 lbs. / acre (20.7 lbs/1000s.f.) of 10-20-20 before seeding. Harrow or disc into upper 3 in. of soil.

SEEDING: Apply a mixture of Turf Type Tall fescue (80%) and Hard Fescue (20%) in accordance with seeding rates shown in the Permanent Seeding Summary shown on this sheet. For stabilization outside of the seeding dates, apply straw mulch at rates and methods specified below and apply permanent seeding when within proper seeding dates.

MULCHING: Immediately following seeding, apply a uniform 1-2 in. Deep layer of un-rotted small grain straw at a rate of 2 tons/acre. (Apply 2.5 tons/acre if a mulch anchoring tool is used). Straw may be anchored with wood cellulose fiber at a rate of 750 lbs. / acre mixed at a ratio of 50 lbs. Of wood fiber/ 100 gal. of water. Synthetic liquid binders such as Terra Tax II, Acrylic DLR (Agron-Tack), DCA-70, Retrosol and other approved equals may be used at rates recommended by the manufacturers.

Permanent Seeding Summary

Seed Mixture (Hardness Zone 2a and 2b)	Fertilizer Rate (10-20-20)	Lime Rate
No. Species Application Rate (lb/ac) Seeding Dates Seeding Depths	N P205 K20	
10 Tall Fescue (80%) Hard Fescue (20%)	120 30	2000/1000/1000 (4lb/1000sf) (1000sf)
Seeding Dates: 3/1-5/15 Seeding Depths: 0.5 in. (2.0in/1000sf)		

TEMPORARY SEEDING NOTES

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: In lieu of soil test recommendations, use the following schedule: Apply 2 tons per acre dolomitic limestone (92 lbs/1000 s.f.) And 400 lbs. / acre (15 lbs./1000s.f.) of 10-10-10 before seeding. Harrow or disc into upper 3 in. of soil.

SEEDING: Apply the Maryland State Highway approved seed mixture of Barley or Rye plus Foxtail Millet in accordance with seeding dates and rates shown in the Temporary Seeding Summary shown on this sheet. For stabilization outside of the seeding dates, apply straw mulch at rates and methods specified below.

MULCHING: Immediately following seeding, apply a uniform 1-2 in. Deep layer of un-rotted small grain straw at a rate of 2 tons/acre. (Apply 2.5 tons/acre if a mulch anchoring tool is used). Straw may be anchored with wood cellulose fiber at a rate of 750 lbs. / acre mixed at a ratio of 50 lbs. Of wood fiber/ 100 gal. of water. Synthetic liquid binders such as Terra Tax II, Acrylic DLR (Agron-Tack), DCA-70, Retrosol and other approved equals may be used at rates recommended by the manufacturers.

REFER TO THE 1934 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

Temporary Seeding Summary

Seed Mixture (Hardness Zone 2a and 2b)	Fertilizer Rate (10-10-10)	Lime Rate
No. Species Application Rate (lb/ac) Seeding Dates Seeding Depths	N P205 K20	
2 Barley or Rye plus Foxtail Millet	150 lbs (3.5lb/1000sf) 1000sf	2 tons/ac (1000lb/1000sf)
Seeding Dates: 2/1-11/30 (7a) 3/15-10/31 (6a)	600 lb/ac (15lb/1000sf)	
Seeding Depths: 1/4 in. (15lb/1000sf) 1/2 in. (100lb/1000sf)		

SEDIMENT CONTROL NOTES

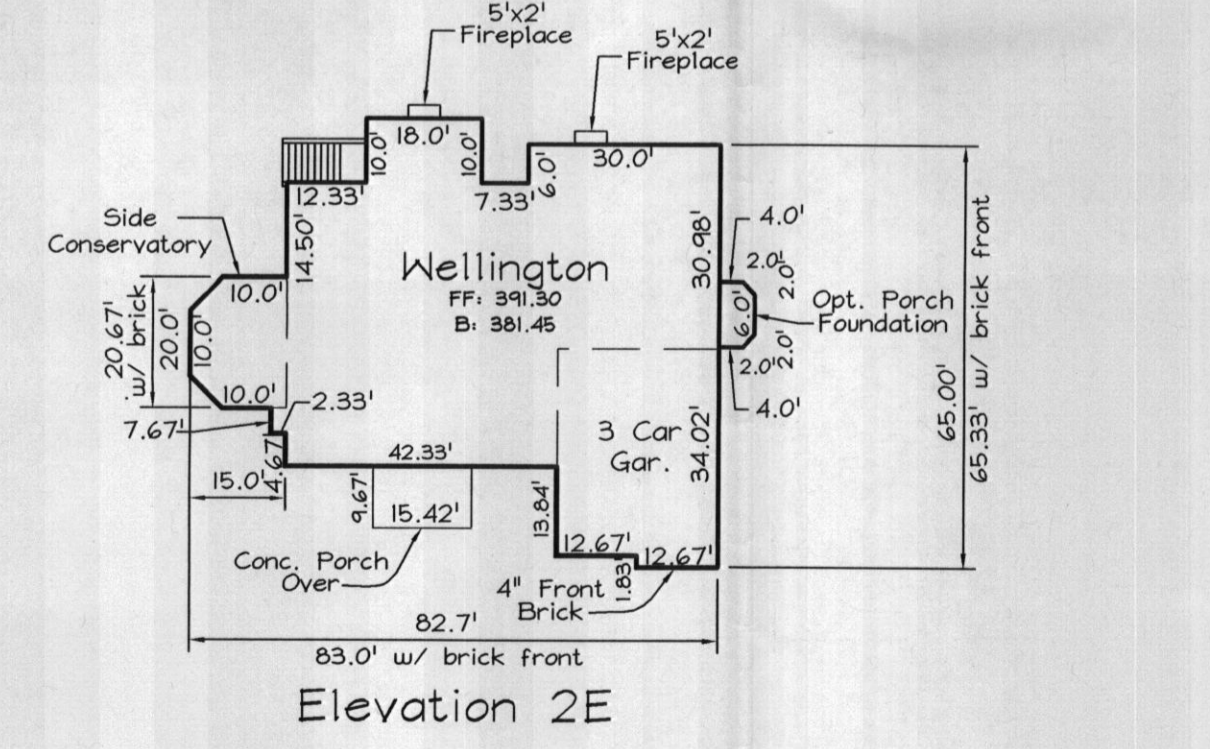
- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Permits Sediment Control Division prior to the start of any construction (410-313-1055).
- All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1934 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, and revisions thereto.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: (a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes, and all slopes greater than 3:1; (b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7, HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1934 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding, soil, temporary seeding, and mulching (Sec. G). Temporary stabilization with mulch alone shall be done where recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:

Total Area	1.141 Acres
Area Disturbed	0.527 Acres
Area to be roofed or paved	0.149 Acres
Area to be vegetatively stabilized	0.382 Acres
Total Cal.	300 CY
Total Fill	1,861 CY

 Offsite waste/borrow area location:
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter.
- Earthwork quantities are solely for the purpose of calculating fees. Contractor to verify all quantities prior to the start of construction.
- To be determined by contractor, with pre-approval of the Sediment Control Inspector with an approved and active grading permit.

SEQUENCE OF CONSTRUCTION

- Obtain grading permit.
- Notify Howard County Department of Inspections, License and Permits at (410) 313-1880 at least 24 hours before starting any work.
- Install Stabilized Construction Entrance.
- After receiving permission from the sediment control inspector, rough grade site and begin building construction.
- Construct driveway and finish building construction.
- Fine grade site.
- Upon stabilization of all disturbed areas and with the permission of the Sediment Control Inspector, remove all sediment control measures and stabilize any remaining disturbed area.

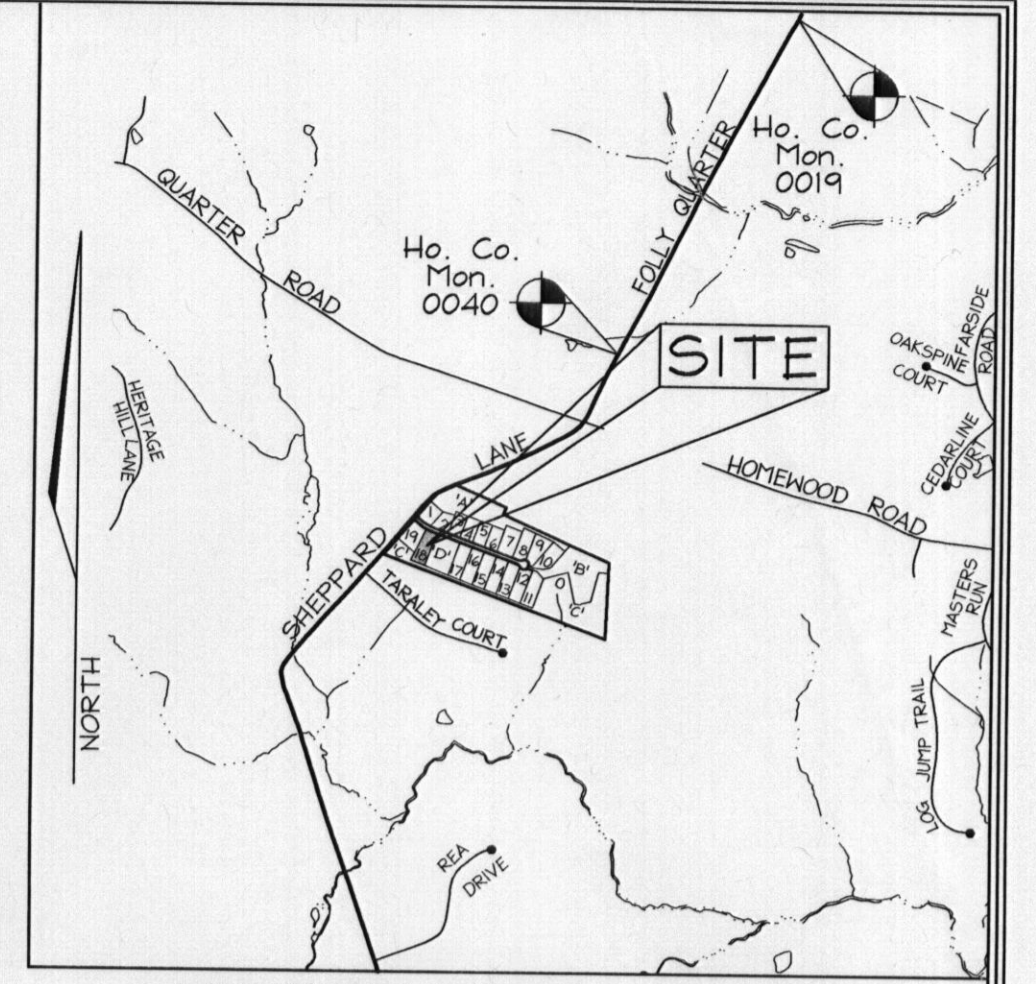
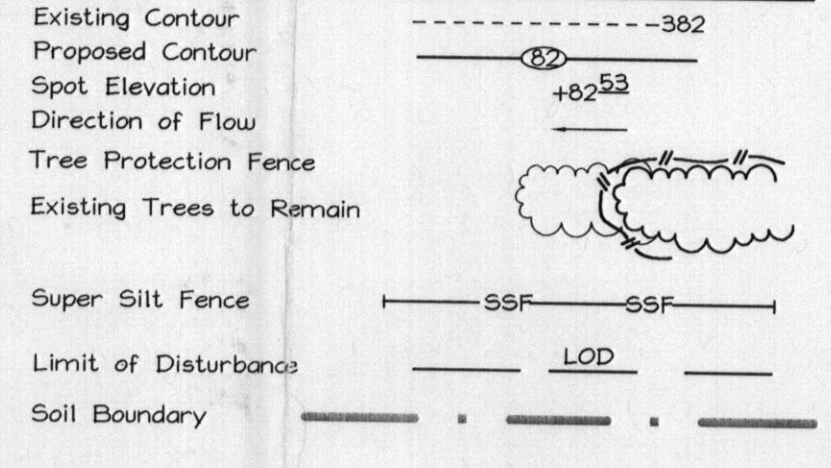


HOUSE TYPE
NOT TO SCALE

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	SOIL GROUP
B	Baile silt loam	D
CgB2	Chester gravelly silt loam, 3 to 8 percent slopes, moderately eroded	B
CgC2	Chester gravelly silt loam, 8 to 15 percent slopes, moderately eroded	B
ChA	Chester silt loam, 0 to 3 percent slopes	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
GI2	Glennville loam, 15 to 25 percent slopes, moderately eroded	B
MgC3	Manor gravelly loam, 3 to 8 percent slopes, moderately eroded	B
MgC2	Manor gravelly loam, 8 to 15 percent slopes, severely eroded	B
MID2	Manor loam, 15 to 25 percent slopes, moderately eroded	B
MIE	Manor loam, 25 to 45 percent slopes	B

LEGEND



VICINITY MAP
SCALE: 1"=2000'
ADC MAP 10 E13, 14 E1

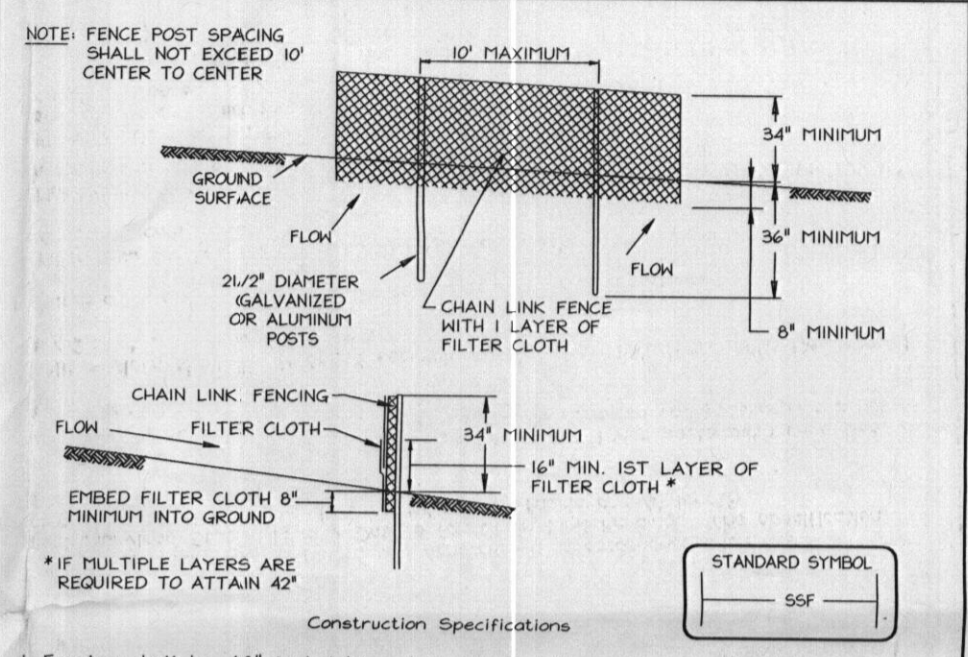
BENCHMARKS

Sta.	N	E	El.
0019	176,927.0594	406,505.1110	117.6061 (meters)
0040	175,952.4260	405,995.1970	111.3465 (meters)
	577,270.584	1,332,002.575	365.309 (feet)

GENERAL NOTES

- This property is zoned "RC-DEO" per the 02/02/04 Comprehensive Zoning Plan and the Comp Lite Zoning Regulations Amendments effective 07/26/06.
- Total area of property = 49,701sq± or 1.141 Acs±
- Private water and shared sewer will serve this lot.
- On-site topography based on a Field Run Topographic Survey prepared by FSH Associates dated 1/12/04. Off-site and non-critical topography based on Howard County 1998 Aerial Topographic Surveys with five foot contours.
- The existing well shown on this plan (identified with the attached well tag number: H0-05-0740) has been field located by FSH Associates, Inc at August 17, 2007 and is accurately shown.
- A stockpile will not be permitted on site.
- Storm Water Management for this lot is located in a Micro Pool Extended Detention facility. Approved under F-06-099.

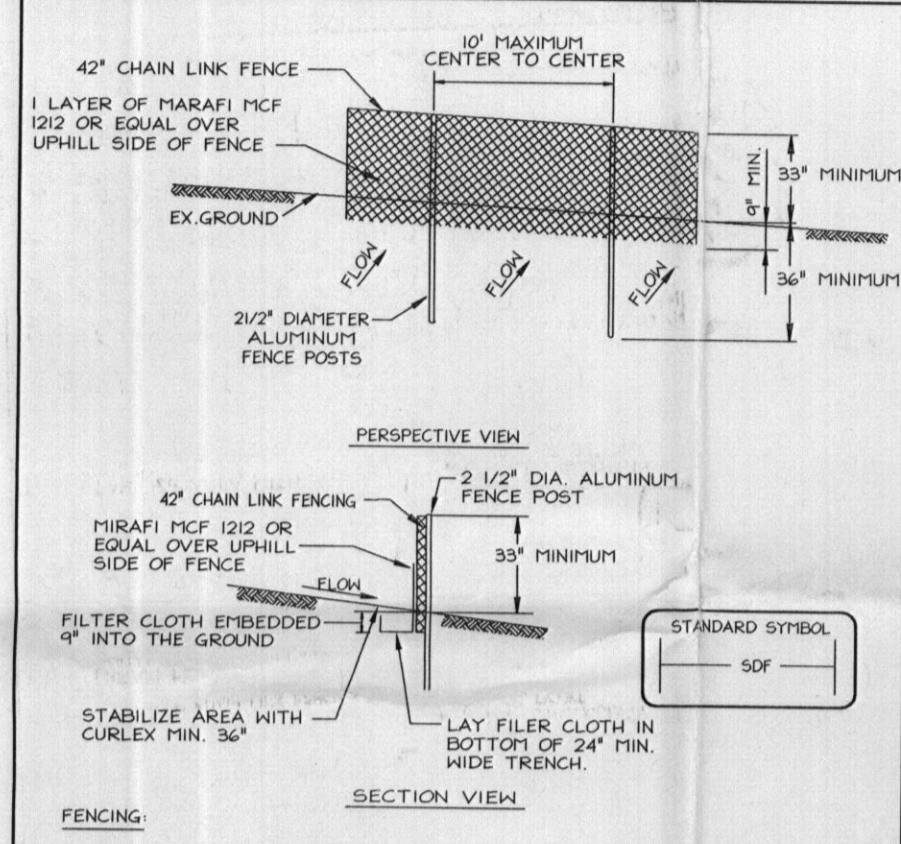
DETAIL 33 - SUPER SILT FENCE



- Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6" fence shall be used, substituting 42" fabric and 6" length posts.
- Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence.
- Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
- Filter cloth shall be embedded a minimum of 6" into the ground.
- When two sections of filter cloth adjoin each other, they shall be overlapped by 4" and folded.
- Maintenance shall be performed as needed and silt buildups removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height.
- Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextile Class F:

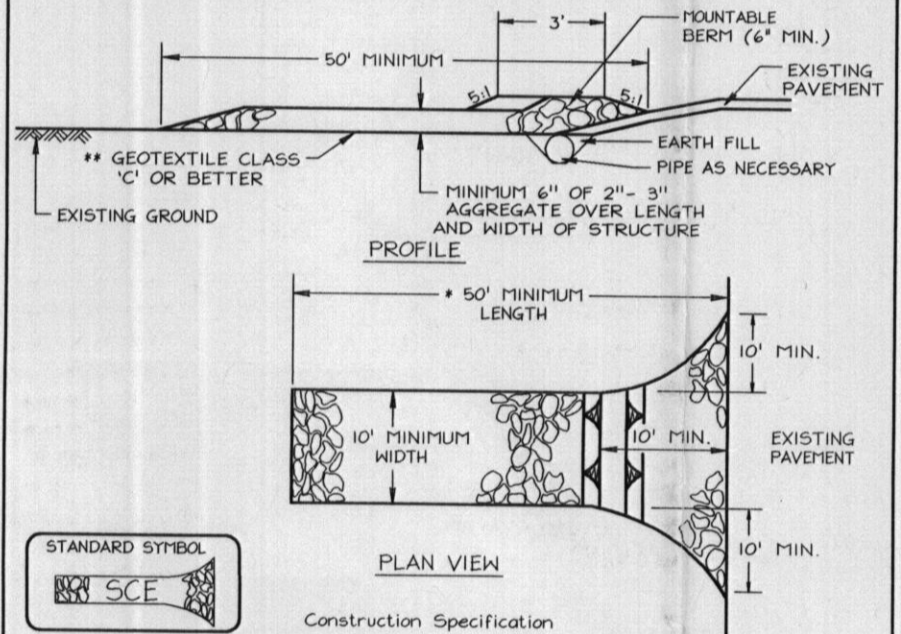
Tensile Strength	50 lbs/in (min.)	Test: MSFTT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSFTT 509
Flow Rate	0.3 gal/ft ² /min (max.)	Test: MSFTT 322
Filtering Efficiency	75% (min.)	Test: MSFTT 322

DETAIL - SUPER DIVERSION FENCE



- Fencing shall be 42" high chain link fence constructed in accordance with the latest Maryland State Highway Administration Standard Details 69010 and 69022 THE SPECIFICATIONS FOR A 6" OF FENCE SHALL BE USED. SUBSTITUTE 42" FABRIC & 70" POSTS. POSTS SHALL BE PLACED WITHOUT CONCRETE EMBEDMENT.
- CHAIN LINK FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO CHAIN LINK FENCE WITH TIES.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REPAIRED WHEN BULGES DEVELOP IN THE SILT FENCE.

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



- Length - minimum of 50' (+ 30' for a single residence lot).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete.
- Surface water - all surface water flowing to or diverted toward construction entrance shall be piped through the entrance, maintaining positive drainage plus installed through the stabilized construction entrance shall be protected with a mountain berm with 1:1 slopes and a minimum of 4" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey, a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

OWNER/DEVELOPER

WILLIAMSBURG GROUP LLC
5485 Harpers Farm Road #230
Columbia, Maryland 21044-3834
Telephone: (410) 997-8800
Fax: (410) 997-4358

PLOT PLAN

Rev.01

SHEPPARD MANOR

LOT 18

TAX MAP 39 GRIDS 01
5TH ELECTION DISTRICT

PARCEL 268
HOWARD COUNTY, MARYLAND

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. #22418, Expiration Date: 7/29/2011.

FSH Associates

Engineers Planners Surveyors
6339 Howard Lane, Elkinridge, MD 21075
Tel: 410-567-5200 Fax: 410-796-1562
E-mail: info@fsh.com

DESIGN BY: AY

DRAWN BY: AY

CHECKED BY: ZYF

SCALE: As shown

DATE: Aug 7, 2009

W.O. No.: 3160

SHEET No.: 1 OF 1

GP-09-83