GENERAL NOTES

- 1. All construction shall be in accordance with the latest standards and specifications
- of Howard County plus MSHA standards and specifications, if applicable. 2. The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
- The contractor is to notify the following utilities or agencies at least five days before starting work on these drawings:

1-800-257-7777 C & P Telephone company: 313-2366 Howard County Bureau of Utilities: 393-3553 850-4620 787-4620

AT&T Cable Location Division: B.G. E. Co. Contractor Services: B.G. & E. Co. Underground Damage Control: State Highway Administration:

4. Site analysis:

Area of parcel: 0.17 Ac.±, 7467.3 sf Present zoning: HO (Historic: Office)

Use of structure : Offices Building floor area: 5890 sf (lwr floor-2132 sf, 1st floor-2132 sf, 2nd floor-1626 sf)

Total Building coverage on site: 0.05 Ac. or 29.4% of gross area

Floor area ratio allowed: 3:1 Floor area ratio proposed: 0.8:1 Paved parking lot/area : NA

Area of landscape island : NA Area of open space : NA

Area of disturbance: 4879 sf

Maximum number of tenants: 12± There are no steep slopes on-site with a contiguous area of 20,000 sf or greater.

5. Project background:

Location: Ellicott City, Md.; Tax Map 25A, Lot 9, Part of Parcel 108

Subdivision : NA

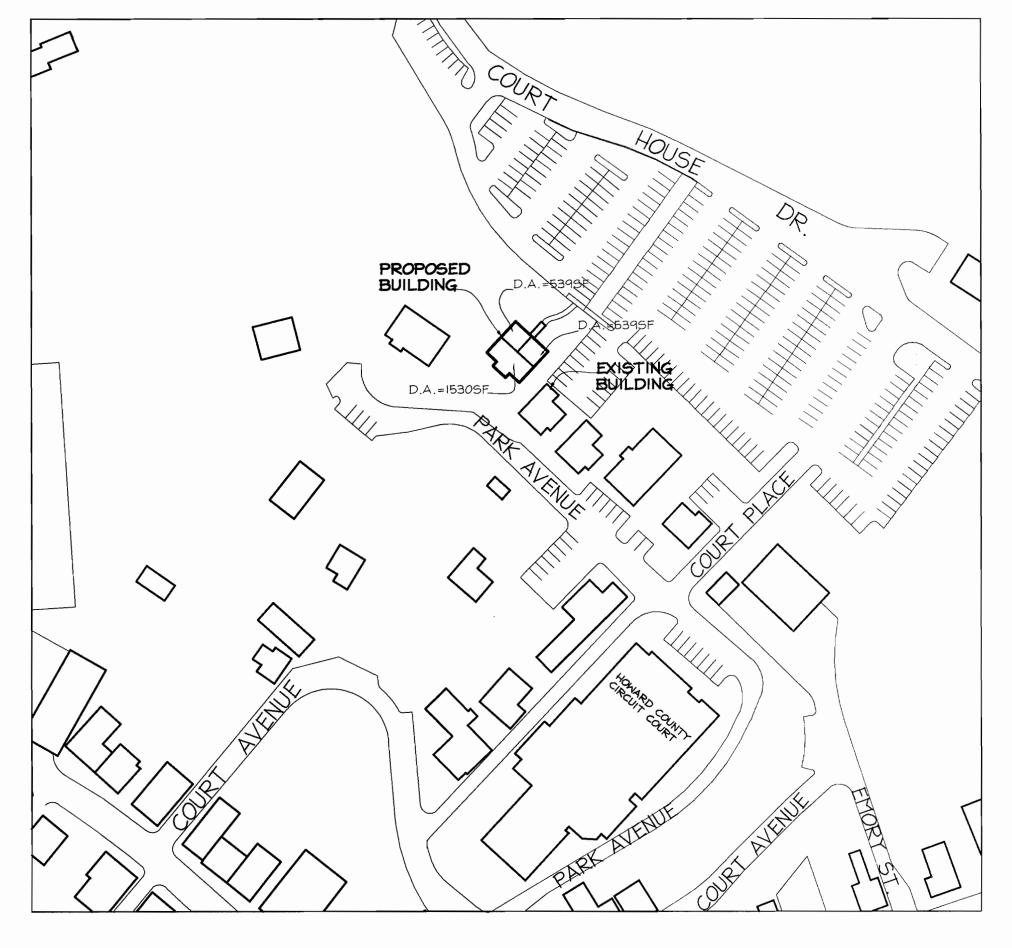
Section/Area : NA Site Area : 0.17 Acres±

Deed references: L.2556, F.259 dated May 29, 1992

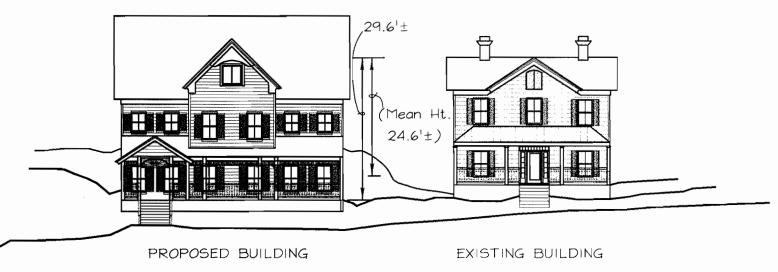
DPZ references: Historic District Commission No. 00-36 6. The contractor shall notify the Department of Public Works/Bureau of Engineering/

- Construction Inspection Division at (410) 313-1880 at least five (5) working days prior 7. Any damage to public right-of-ways, paving, or existing utilities will be corrected
- 8. Existing utilities located from Road Construction Plans, Field Surveys, Public Water and and Sewer Extension Plans and available record drawings. Approximate location of existing utilities are shown for the contractors information. Contractor shall locate existing utilities well in advance of construction activities and take all necessary precautions to protect the existing utilities and to maintain uninterrupted service. Any damage incurred due to contractor's operation shall be repaired immediately at the contractor's expense
- All reinforced concrete for storm drain structures shall have a minimum of 28 days strength of 3,500 p.s.i.
- 10. All curb and gutter to be Howard County Standard concrete Detail 3.01 unless otherwise specified. Where drainage flows away from curb, contractor to reverse the gutter pan. All elevations are to flowline/bottom of curb unless otherwise noted. All dimensions are to face of curb unless otherwise noted.
- II. Estimates of earthwork ayantities are provided solely for the purpose of calculating fees.
- 12. Soil compaction specifications, requirements, methods and materials are to be in accordance with the recommendations of the project Geotechnical Engineer. Geotechnical Engineer to confirm acceptability of proposed paving section, based on soil test.
- 13. All storm drain pipe bedding shall be Class 'C'
- 14. Coordinates and elevations are based on Howard County Monuments 25AA and 24FA.
- 15. A noise study is not required for this project.
- 16. Existing topography is based on a field run survey performed by Vogel \$ Associates, Inc.
- 17. Financial Surety for the required landscaping must be posted as part of the Developer's Agreement in the amount of \$3,300.00 for 7 shade trees and 8 evergreen trees required. Requirements fulfilled with 3 shade trees, 7 evergreen trees, 25 shrubs and existing mature locusts.)
- 18. Contractor responsible to construct all handicap access in accordance with current ADA requirements.
- 19. Retaining walls are to be part of the building foundation.
- 20. Trash pick up to be provided on Park Avenue side using residential type trash recepticals.
- 21. Water Quality Dry Wells to privately owned and maintained.
- 22. Public Water available from Contract #44-1071; Public Sewer available from Contract #239-5
- 23. Stormwater Management is not required since the area of disturbance is less than 5000 sf.
- Water Quality is proposed by the use of water quality dry wells.
- 24. All exterior lighting shall conform to Zoning Regulations Section 134.
- 25. Building to have Inside Water Meter setting.
- 26. An APFO traffic test has been prepared by The Traffic Group on August 9, 2000. 27. This site is exempt from the Forest Conservation Ordinance in accordance with 16,1202(b)(1)(i).
- (Project less than 40,000 square feet) 28. All setbacks and other bulk regulation requirements will be in accordance with HO District and
- Supplementary Zoning District Regulations.
- 29. Retaining walls contiguous with building to be detailed with architecture.
- 30. A sediment and erosion control plan is not required because the area of disturbance is less than 5000 sf.
- 31. To the best of the applicants knowledge, there are no cemeteries on site.
- 32. There are no wetlands, flood plains, streams, specimen trees or woods on site.
- 33. Automatic fire protection sprinkler system will be provided.

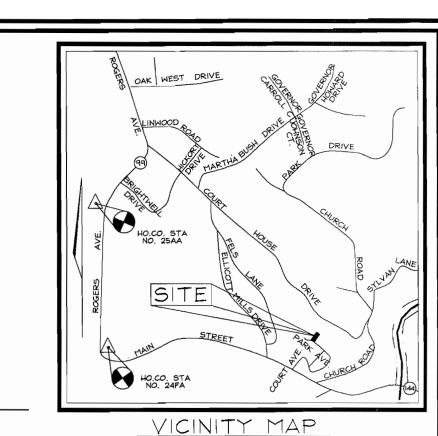
SITE DEVELOPMENT PLAN COURTHOUSE OVERLOOK



DRAINAGE AREA MAP AND LOCATION MAP SCALE: 1"=100"



BUILDING ELEVATION



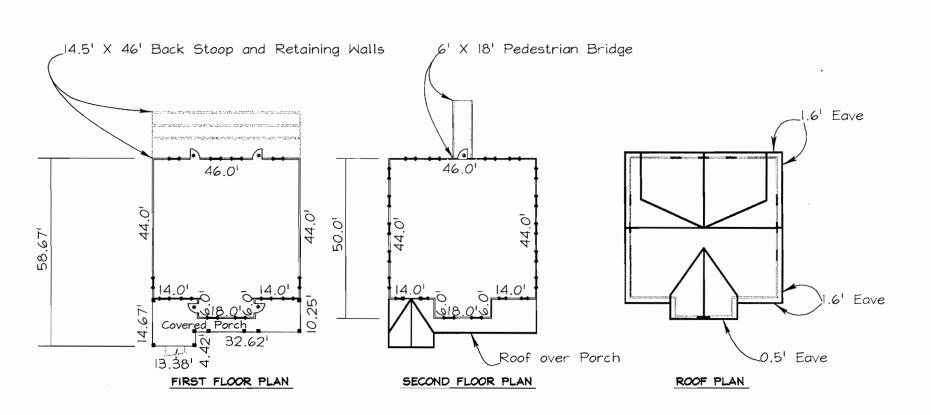
SCALE: |"=2000"

BENCHMARKS

Howard County Station 25AA N 524558 E 853653 Elev. northeast of the intersection of Rogers Avenue and Patapsco River Road Howard County Station 24FA

N 523002 E 853674 Elev.: 50'± north of Fredrick Road (Main Street), 14'± east of Rogers Avenue

> SHEET INDEX DESCRIPTION SHEET NO. Site Development & Landscape Plan Miscellaneous Details



BUILDING PLAN VIEW

DEVELOPER Charles E. Wehland 3677 Park Avenue Ellicott City, Maryland 21043 (410) 465-8755

OWNER Charles E. Wehland 3677 Park Avenue Ellicott City, Maryland 21043

(410) 465-8755 ADDRESS CHART STREET ADDRESS 3675 Park Avenue PARCEL NUMBER PROJECT NAME SECTION/AREA LOT 9, P/O 108 Courthouse Overlook L/F NO. BLOCK NO. ZONE TAX/ZONE ELECT. DIST. CENSUS TR 2556/259 HO 25A 2nd WATER CODE : 1F04 SEWER CODE : 1401200

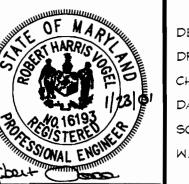
COVER SHEET COURTHOUSE OVERLOOK

TAX MAP #25A BLOCK IC 2ND ELECTION DISTRICT

LOT 9, P/O PARCEL '108' HOWARD COUNTY, MARYLAND

VOGEL & **ASSOCIATES**

3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043 Tel 410.461.5828 Fax 410.465.3966



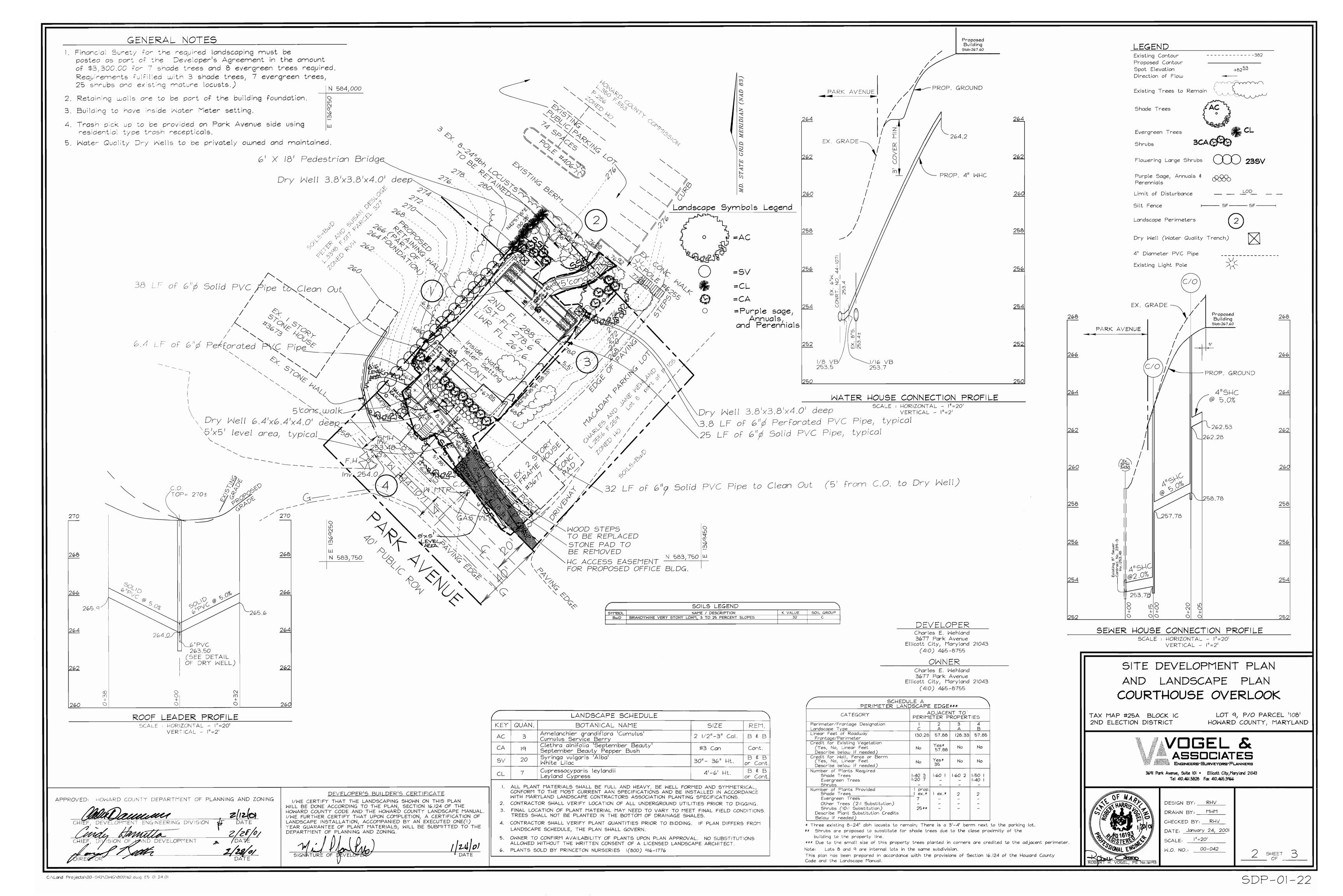
DESIGN BY: ___RHV__ DRAWN BY: ___MHM CHECKED BY: __RHV DATE: January 24, 2001 SCALE: As Shown W.O. NO.: ___00-042

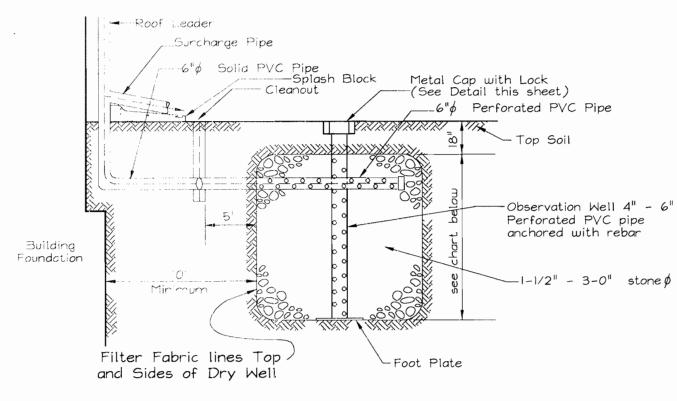
munun

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

PARKING TABULATION

Parking Required : NA in HO zone. Parking Provided: Existing Howard County Parking Lot Handicap Spaces Required : 0 Handicap Spaces Provided : 0





TYPICAL DRY WELL CROSS SECTION NOT TO SCALE

Location VOLUME REQUIRED VOLUME PROVIDED No. WELLS | SIZE WELLS

163.8 cf

NOTE: PERFORATED PIPE TO SPAN THE WIDTH OF THE DRY WELL

Back

Front

SEE "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE-WASHINGTON METROPOLITAN

AREAS' FOR ALL MATERIA
PRODUCT, AND PROCEDUR
SPECIFICATIONS.

SEE "LANDSCAPE GUIDELINES" FOR SUPPORTING TREES LARGER THAN 2-1/2" CALIPER.

PLACE UPRIGHT STAKES PARALLEL TO WALKS \$ BUILDINGS.

4. KEEP MULCH IS FROM TRUNK

5. SEE ARCHITECTURAL PLANS ²
FOR ADDITIONAL PLANTINGS
WHICH EXCEED HOWARD COUNTY
MINIMUM REQUIREMENTS.

56 cf/eacr

160 cf

TREE PLANTING AND STAKING

57.8 cf/each

DRY WELL CHART

LEADER MUST REMAIN INTACT

ROWN- SEE 'LANDSCAPE JUIDELINES', DO NOT PRUNE VERGREEN TREES.

-2 STRANDS OF GALVANIZED WIRE TWISTED FOR SUPPORT

-UPRIGHT STAKES- SET IN GROUND TO FIRM BEARING

CUT BURLAP & ROPE FROM

FINISH GRADE

-PLANTING MIX- SEE PLANTING

-- RUBBER HOSE

-3' DEPTH MULCH

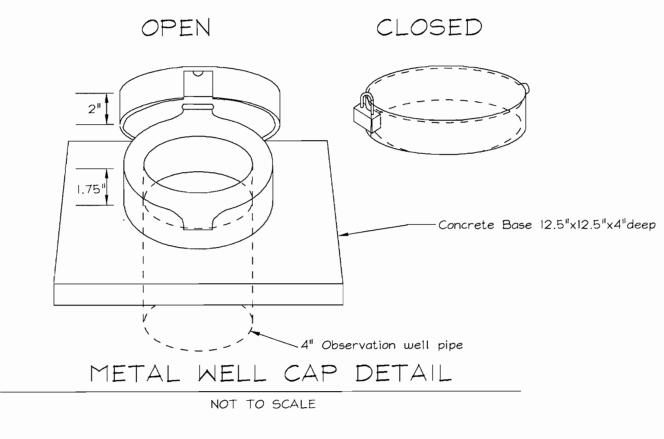
__2' EARTH SAUCER

-1/8 DEPTH OF BALL

-LOOSENED SUBSOIL

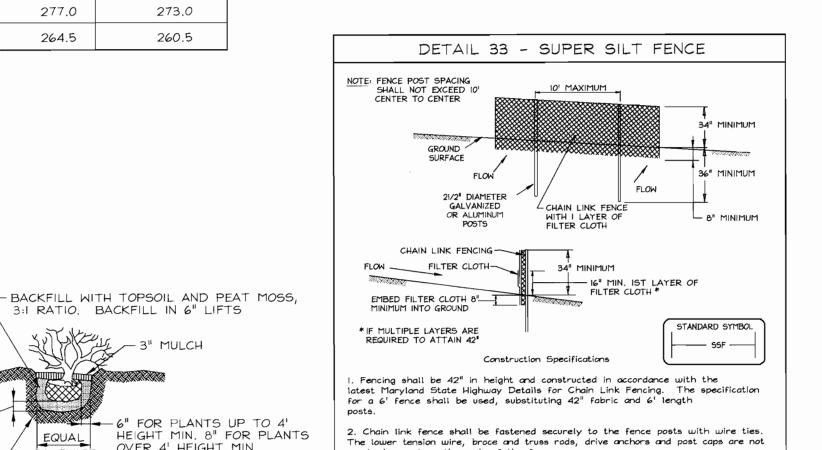
3.8'x3.8'x4'deep

6.4'x6.4'x4'deep



WELL CAP NOTES

- CONCRETE TO HAVE XX 4000 PSI AT 20 DAYS
- REBARS TO BE ASTM A XX GRADE 60 FILTER CLOTH TO BE PLACED AT ALL SIDES, EXCEPT THE BOTTOM
- SET WELL CAP ABOVE GRADE IN UNIMPROVED AREAS WELL CAP MATERIAL SHALL BE GALVANIZED AND COATED WITH
- BATTLESHIP GREY PAINT PIPE SIZES SHALL BE IN ACCORDANCE WITH THE APPROVED PLAN PRODUCE BOLT AND NUT OR LOCK



3. Filter cloth shall be fastened securely to the chain link fence with ties spaced

5. When two sections of filter cloth adjoin each other, they shall be overlapped

7. 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

50 lbs/in (min.) 20 lbs/in (min.)

6. Maintenance shall be performed as needed and silt bulldups removed when "bulges"

0.3 gal/ft /minute (max.)

Test: MSMT 509

Test: MSMT 322

Test: MSMT 322

PAGE MARYLAND DEPARTMENT OF ENVIRONMENT H - 26 - 3 WATER MANAGEMENT ADMINISTRATION

MARYLAND DEPARTMENT OF ENVIRONMEN

MARYLAND DEPARTMENT OF ENVIRONMEN

WATER MANAGEMENT ADMINISTRATION

Test: MSMT 509

4. Filter cloth shall be embedded a minimum of $8^{\prime\prime}$ into the ground.

develop in the silt fence, or when silt reaches 50% of fence height

every 24" at the top and mid section

Tensile Strength

Tensile Modulus

U.S. DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE

Filtering Efficiency 75% (min.)

Geotextile Class F:

6" FOR PLANTS UP TO 4' HEIGHT MIN. 8" FOR PLANTS OVER 4' HEIGHT MIN. SHRUB PLANTING DETAIL NOT TO SCALE

3:1 RATIO. BACKFILL IN 6" LIFTS

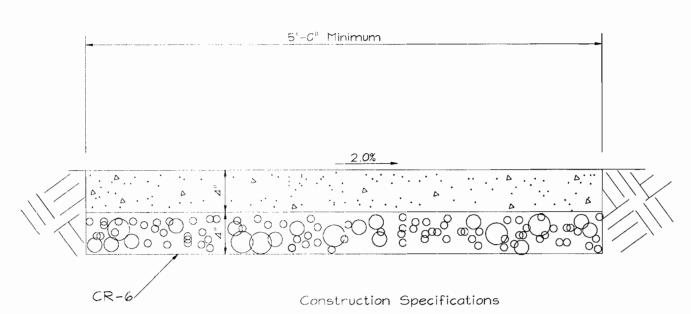
- 3" MULCH

TRENCH TOP TRENCH BOTTOM

264.5

273.0

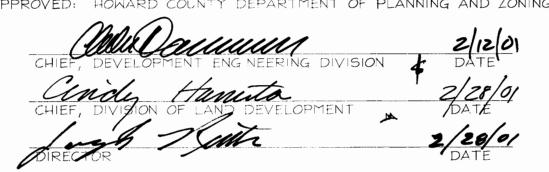
260.5

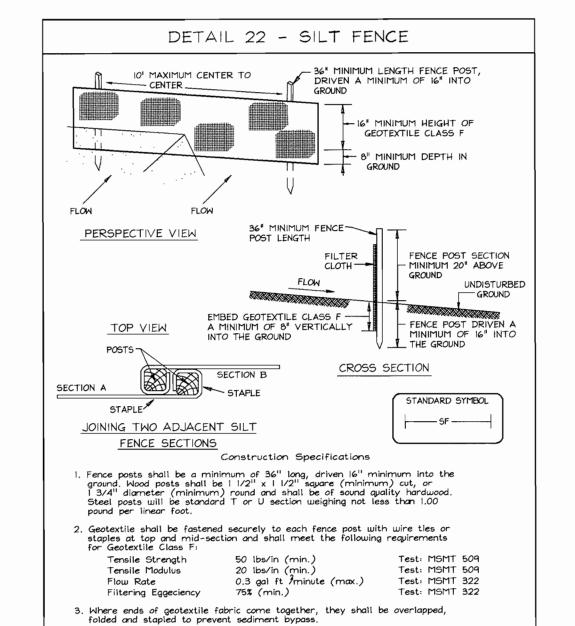


- 1. Sidewalk to be scribed in 5'-0" maximum squares.
- 2. Expansion joints across the sidewalk not to be more than 15' apart. 3. 1/2" Preformed Bituminous Expansion material in expansion joints to be kept 1/4" below
- surface of sidewalk. 4. Concrete to be mix number 2.
- 5. Where sidewalk abuts curb, sidewalk shall be 1/4" above curb with 1/2" Preformed Bituminous Expansion material between sidewalk and curb.
- 6. On longitudinal sidewalk grades of 5% or greater, a concrete header, 61 thick and 6" deep below the normal 4" sidewalk thickness shall be constructed for the full width of the sidewalk at intervals of 48 feet. The headers shall be placed at expansion joint locations and shall be monolithic with the curb.



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING





4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reaches 50% of the fabric height.

PERMANENT SEEDING NOTES

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

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

SOIL AMENDMENTS: In lieu of soil test recommendations, use one of

the following schedules:

replacements and reseedings.

- 1) Preferred-Apply 2 tons per acre dolomitic limestone (92 lbs/ 100 sq.ft.) and 600 lbs per acre 10-10-10 fertilizer (14 lbs./ 1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil. At the time of seeding, apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq.ft.)
- 2) Acceptable-Apply 2 tons per acre dolomatic limestone (92 lbs/ 1000 sq.ft.) and apply 1000 lbs. per acre 10-10-10- fertilizer (23 lbs./1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil

SEEDING: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs/1000 sq.ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (.05 lbs./1000 sq.ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored

MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq, ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq.ft.) for anchoring.

MAINTENANCE: Inspect all seeded areas and make needed repairs,

TEMPORARY SEEDING NOTES

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

SOIL AMENDMENTS: Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq.ft).

SEEDING: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual rye (3.2 1bs./1000 sa.ft.) For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (.07 lbs./1000 sq.ft.). For the period November I thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq.ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq.ft.) for anchoring.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

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 (313-1855).
- 2. All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND
- 3. Following initial soil disturbance or redisturbance, 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
- 4. All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding, sod, temporary seeding, and mulching (Sec. G). Temporary stabilization with mulch alone shall be done when recommended seeding dates do not allow for proper germination and
- 5. All sediment control structures are to remain in place and are to be

Total Area	7467.3 Square Feet
Area Disturbed	4879 Square Feet
Area to be roofed or paved	3339 Square Feet
Area to be vegetatively stabilized	1540 Square Feet
Total Cut	674 CY
Total Fill	0 CY
Offsite waste/borrow area location	*

- 7. Any sediment control practice which is disturbed by grading activity for

- 2. Contact Department of Inspections, licenses and Permits a
- 3. Install sediment control as shown on plan in
- accordance with details.(2 days)
- 6. Fine grade and stabilize the site with topsoil
- and seeding (see notes this plan).(3 days)

will be avoided by this remedial process.

Vertically excavated walls may be difficult to maintain in areas where the soil moisture is high or where soft cohesive or cohesionless soils predominate. These conditions may require laying back of the sides slopes to maintain

stability. A trapezoidal rather than rectangular cross section may result.

Voids can be created between the fabric and the excavation sides and shall be

avoided. Removing boulders or other obstacles from the trench walls is one

excavation sides. Soil piping, fabric clogging and possible surface subsidence

convenient time during construction to insure fabric conformity to the

source of such voids. Natural soils should be placed in these voids at the most

UNDERGROUND INFILTRATION TRENCH

An infiltration trench shall not be constructed or placed in service until all

of the contributing drainage area has been stabilized and approved by the

Excavate the trench to the design dimensions. Excavated materials shall be

puncturing or tearing during the installation process. The side walls of the

trench shall be roughened where sheared and sealed by heavy equipment.

The filter fabric roll must be cut to the proper width prior to installation.

perimeter irregularities and for a 6-inch minimum top overlap. Place the fabric

fabric down onto the trench. Stones or other anchoring objects should be placed

on the fabric at the edges of the trench to keep the lined trench open on windy

periods. When overlaps are required between rolls, the upstream roll should lap

STONE AGGREGATE PLACEMENT AND COMPACTION:

a minimum of two (2) feet over the downstream roll in order to provide a

compactors. As rule of thumb, a maximum loose lift thickness of 12 inches is

Following the stone aggregate placement, the filter fabric shall be folded over

soil or stone aggregate shall be placed over the lap at sufficient intervals to

Care should be exercised to prevent natural or fill soils from intermixing with

the stone aggregate. All contaminated stone aggregate shall be removed and

the stone aggregate to form a 6-inch minimum longitudinal lap. The desired fill

recommended. The compaction process insure fabric conformity to the excavation

shingled effect. The overlap insures fabric continuity and that the fabric

The stone aggregate should be placed in lifts and compacted using plate

sides, thereby reducing potential for soil piping, fabric clogging and

OVERLAPPING AND COVERING:

maintain the lap during subsequent back filling.

replaced with uncontaminated aggregate.

VOIDS BEHIND FABRIC:

conforms to the excavation surface during placement and compaction.

roll over the trench and unroll a sufficient length to allow placement of the

The cut width must include sufficient material to conform to the trench

placed away from the trench sides to enhance trench wall stability. Large tree

roots must be trimmed flush with the trench sides in order to prevent fabric

CONSTRUCTION SPECIFICATIONS

TIMING:

responsible inspector.

TRENCH PREPARATION

FABRIC LAY DOWN:

settlement problems.

CONTAMINATION:

VEGETATIVE BUFFERS:

UNSTABLE EXCAVATION OF SIDES:

A vegetative buffer of at least 20 feet (wider if possible) shall be used to intercept surface runoff from all impervious areas.

OBSERVATION WELL:

An observation well shall be provided. The depth of the well at the time of the installation will be clearly marked on the well cap.

MAINTENANCE:

Infiltration trenches shall be designed to minimize maintenance. However, it is recognized that all infiltration facilities are subject to periodic clogging by sediment, oil, grease, grit and other debris. In addition, the performance and longevity of these structures is not well documented. Consequently, a monitoring observation well is required for all infiltration trenches.

The observation well shall be monitored periodically. For the first year after the completion of construction, the well should be monitored on a quarterly basis and after every large storm event. It is recommended that a log book be maintained indication the rate at which the trench dewaters after large storms and the depth of the well for each observation. Once the performance characteristics of the structure have been verified, the monitoring schedule can be reduced to an annual basis, unless the performance data indicates that a more frequent schedule is required.

Sediment buildup in the top of stone aggregate or the surface inlet should be monitored on the same schedule as the observation well.. A monitoring well in the top foot of the stone aggregate will be required when the trench has a stone surface. Sediment deposited shall not be allowed to build up to the point where it will reduce the rate if infiltration into the trench.

MISCELLANEOUS DETAILS

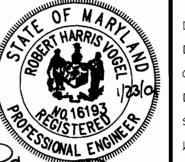
COURTHOUSE OVERLOOK

TAX MAP #25A BLOCK IC 2ND ELECTION DISTRICT

LOT 9, P/O PARCEL '108' HOWARD COUNTY, MARYLAND



3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043 Tel 410.461.5828 Fox 410.465.3966



DESIGN BY: ____RHV DRAWN BY: MHM HECKED BY: __RHV DATE: January 24, 200 SCALE: As Shown

N.O. NO.: ___00-042 $\frac{3}{0}$ SHEET $\frac{3}{0}$

STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. and revisions thereto.

project site.

establishment of grasses.

maintained in operative condition until site has been permanently stabilized.

6. Site Analysis

placement of utilities must be repaired on the same day of disturbance.

8. 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

* To be determined by contractor with an approved and active grading permit.

SEQUENCE OF CONSTRUCTION

- Obtain Grading permit.
- minimum of 24 hours prior to starting work.
- 4. Clear and rough grade site.(I week)
- 5. Construct building. (5 months)
- 7. After the site is permanently stabilized, remove sediment controls and stabilize any remaining disturbed areas.

21.0 STANDARDS AND SPECIFICATIONS

FOR TOPSOIL

Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

Purpose

To provide a suitable soil medium for vegetable growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil aradation.

Conditions Where Practice Applies I. This practice is limited to areas having 2:1 or flatter

slopes where: a. The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.

The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.

The original soil to be vegetated contains material toxic to plant growth.

d. The soil is so acidic that treatment with limestone is not feasible.

II. For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.

Construction and Material Specifications

I. Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.

II. Topsoil Specifications - Soil to be used as topsoil must meet the following:

Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or a soil scientist and approved by the appropriate approval authority. Regardless. topsoil shall not be a mixture of contrasting textured subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger that I and 1/2" in

ii. Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, nutsedge, poison ivy, thistle, or others as specified.

iii. Where the subsoil is either highly acidic or

composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated greas and worked into the soil in conjunction with tillage operations as described in the following procedures. 11. For sites having disturbed areas under 5 acres:

i. Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization Section I - Vegetative Stabilization Methods and Materials. iii. For sites having disturbed areas over 5 acres: i. On soil meeting topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following: a. pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than

6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.
b. Organic content of topsoil shall be not less than 1.5 percent by weight.

c. Topsoil having soluble salt content greater than 500 parts per million shall not be used. d. No sod or seed shall be placed on soil soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 days min.) to permit dissipation of phyto-toxic materials.

by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of ii. Place topsoil (if required) and apply soil ammendments

specified in 20.0 Vegetative Stabilization-Section I-Vegetative Stabilization Methods and Materials.

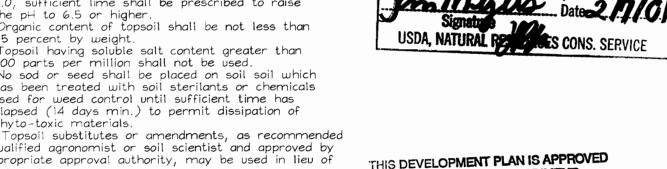
V. Topsoil Application

i. When topsoiling, maintain needed erosion and sediment control practices such as diversions, Grade Stabilization Structures, Earth Dikes, Slope Silt Fence and Sediment Traps and Basins.

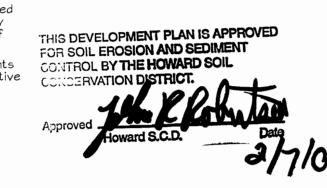
ii. Grades on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4" - 8" higher in elevation.

ii. Topsoil shall be uniformly distributed in a 4" -8" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water pockets.

iv. Topsoil shall not be place 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.



HOWARD



Charles E. Wehland 3677 Park Avenue Ellicott City, Maryland 21043 (410) 465-8755

DEVELOPER

Charles E. Wehland

3677 Park Avenue

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