#### SHEET INDEX

TITLE SHEET

- 2 SITE DEVELOPMENT PLAN
  3 GRADING, SEDIMENT CONTROL & DRAINAGE AREA PLAN
- 4 PROFILES
- 5 DETAILS & NOTES
  6 LANDSCAPING PLAN, NOTES AND DETAILS

# SITE DEVELOPMENT PLAN HAMPTON INN

2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND

# HAND GRAD PARCE, 19-2 PARCE,

COLUMBIA 100 PARKWAY E 852,050

SCALE : 1" = 50'

PARCEL 'AA'

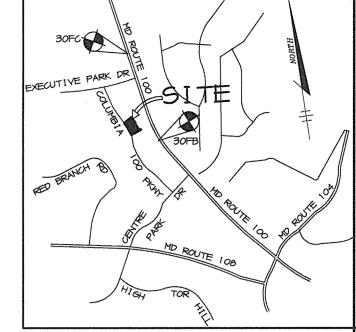
COLUMBIA 100 OFFICE RESEARCH PART SECTION 1, AREA 2

PARCELS 'V' THRU 'AA'
PLAT NO. 11022
EX.ZONING P.O.R.

#### **BENCHMARKS**

HO. CO. SURVEY CONTROL STATION: 30FB N 570,134 E 1,365,194

HO. CO. SURVEY CONTROL STATION: 30FC N 572,917 E 1,364,670



VICINITY MAP

#### SITE TABULATION

TOTAL AREA
LIMIT OF DISTURBANCE
CURRENT ZONING
PROPOSED USE
NUMBER OF ROOMS
BUILDING COVERAGE

1.948 AC. (84,856 SF) 1.66 AC. (72,510 SF) P.O.R. HOTEL 83 A

BUILDING COVERAGE 13,575 SQ.FT.(16% OF SITE)
CANOPY COVERAGE 2,025 SQ.FT.(2% OF SITE)
COMBINED COVERAGE 15,600 SQ.FT.(18% OF SITE)

REQUIRED PARKING HOTEL

PROPOSED PARKING

△80 SPACES
(INCLUDES 4 HC SPACES)

1 SPACES PER ROOM\* = 83 SPACES

TOTAL 63 SPACES

PAVED AREA 38,798 SF (46% OF SITE)

\* PER HOWARD COUNTY ZONING REGULATIONS SECTION 133

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

DATE

DATE

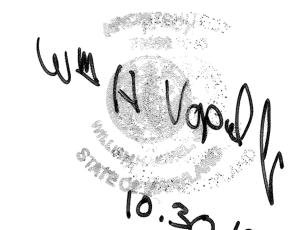
CHIEF, DEVELOPMENT ENGINEERING DIVISION

CHIEF, DIVISION OF LAND DEVELOPMENT A DATE

THE SOLUTION DATE

DATE

OWNER / DEVELOPER - REVISED 10.30.19



5657400

PROJECT HAMPTON INN
A FOUR STORY HOTEL

GRAND PRIX COLUMBIA, LLC

(561) 802.4477

222 LAKEVIEW AVE. - SUITE 222

WESTPALM BEACH, FL 33401

AREA COLUMBIA 100 OFFICE RESEARCH PARK
SECTION 1, AREA 2, PARCEL N-1
TAX MAP NO.30, BLOCK 12&18, PARCEL 260, ZONING: POR
2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE SHEET

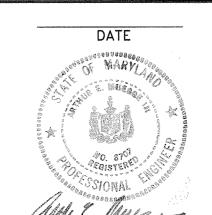
RIEMER MUEGGE & ASSOCIATES, INC
ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING
8818 Centre Park Drive, Columbia, Maryland 21045

tel 410.997.8900 fax 410.997.9282

	ADDRESS CHART								
	PARCEL		STREET ADDRESS						
	N-1		8880 COLUMBIA 100 PARKWAY					RKWAY	
SUBDIVISION NA	ME:			SECT	./ARE	Ä:	PARCEL:		
COLUMBIA 100 OFFICE RESEARCH PARK			1/2			N-1			
PLAT #:	BLOCK #:	ZONE:	TAX	MAP	NO.:	ELEC	T. DIST.:	CENSUS TRACT:	
12705	12418	POR		30		2	2 ND	6023.02	

WATER CODE

6-02



ARTHUR E. MUEGGE #8707

DESIGNED BY: C.J.R.

DRAWN BY: K.E.V.

PROJECT NO: 99054/
SDP1.DWG

DATE: SEPTEMBER 7, 1999

SCALE: AS SHOWN

DRAWING NO. \_\_1\_OF \_6

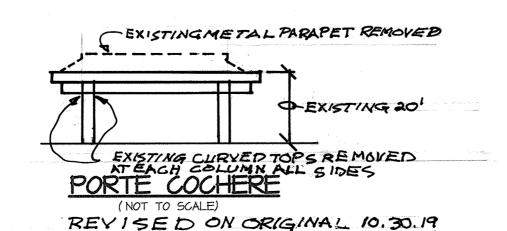
#### GENERAL NOTES

- 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 THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- 3. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- 4. TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- 5. ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 6. THE EXISTING TOPOGRAPHY IS TAKEN FROM AERIAL SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PREPARED BY WINGS AERIAL MAPPING CO. DATED (JULY. 1998).
- 7. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. 30FB AND 30FC WERE USED FOR THIS PROJECT.
- 8. WATER IS PUBLIC. CONTRACT NO. 24-1588-D
- 9. SEWER IS PUBLIC. CONTRACT NO. 24-1588-D DRAINAGE AREA: 108 PUMPING STATION.
- 10. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITIES ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION.
- 11. A 100- YEAR FLOODPLAIN STUDY IS NOT REQUIRED FOR THIS PROJECT.
- 12. A WETLANDS DELINEATION FOR THIS PROJECT IS NOT REQUIRED.
- 13. AN APFO TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY THE TRAFFIC GROUP DATED MAY 1999.
- 14. A NOISE STUDY FOR THIS PROJECT IS NOT REQUIRED.
- 15. A GEOTECHNICAL STUDY FOR THIS PROJECT IS NOT REQUIRED.
- 16. STORMWATER QUALITY AND QUANTITY MANAGEMENT IS PROVIDED FOR THE DEVELOPMENT BY REGIONAL RETENTION FACILITY PER F-87-82.
- 17. SUBJECT PROPERTY ZONED POR PER 10-18-93 COMPREHENSIVE ZONING PLAN.
- 18. ALL ELEVATIONS SHOWN ARE BASED ON THE U.S.C. AND G.S. MEAN SEA LEVEL DATUM, 1929.
- 19. SEE DEPARTMENT OF PLANNING AND ZONING FILE NO'S: F-97-92, F-90-03, F-87-82, F97-147, SDP-89-230
- 20. THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS.
- 21. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, AND SAFETY PRECAUTIONS AND PROGRAMS.
- 22. PIPE SHALL NOT BE INSTALLED BY THE CONTRACTOR UNTIL THE LENGTH CALLED FOR AT EACH STATION HAS BEEN APPROVED BY THE ENGINEER IN THE FIELD.
- 23. NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT WITHIN 6"
- 24. ALL STORM DRAIN PIPE BEDDING SHALL BE CLASS 'C' AS SHOWN IN FIG. 11.4, VOLUME 1 OF HOWARD COUNTY DESIGN MANUAL UNLESS OTHERWISE NOTED.
- 25. ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- 26. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- 27. PROFILES STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- 28. ALL FILL AREAS WITHIN ROADWAY AND UNDER STRUCTURES TO BE COMPACTED TO A
- MINIMUM OF 95% COMPACTION OF AASHTO TI80.

AS THIS PROJECT WAS SUBJECT TO FINAL PLANS AND MASS GRADING PLANS PRIOR TO THE FOREST CONSERVATION ACT, THERE ARE NO FOREST CONSERVATION REQUIREMENTS FOR THIS DEVELOPMENT.

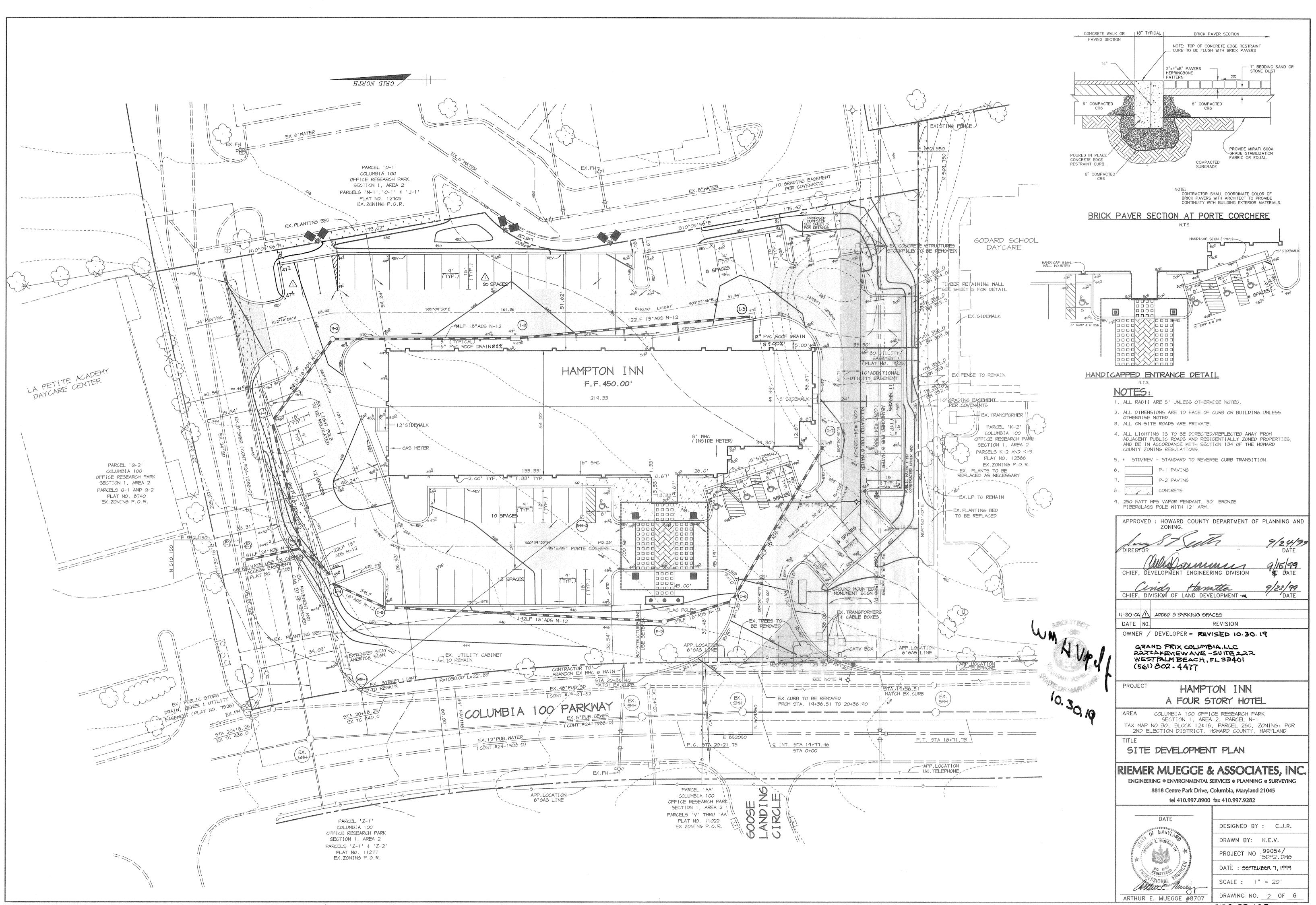
- - 38.67'
  - BUILDING ELEVATION & PORTE COCHERE

(NOT TO SCALE)

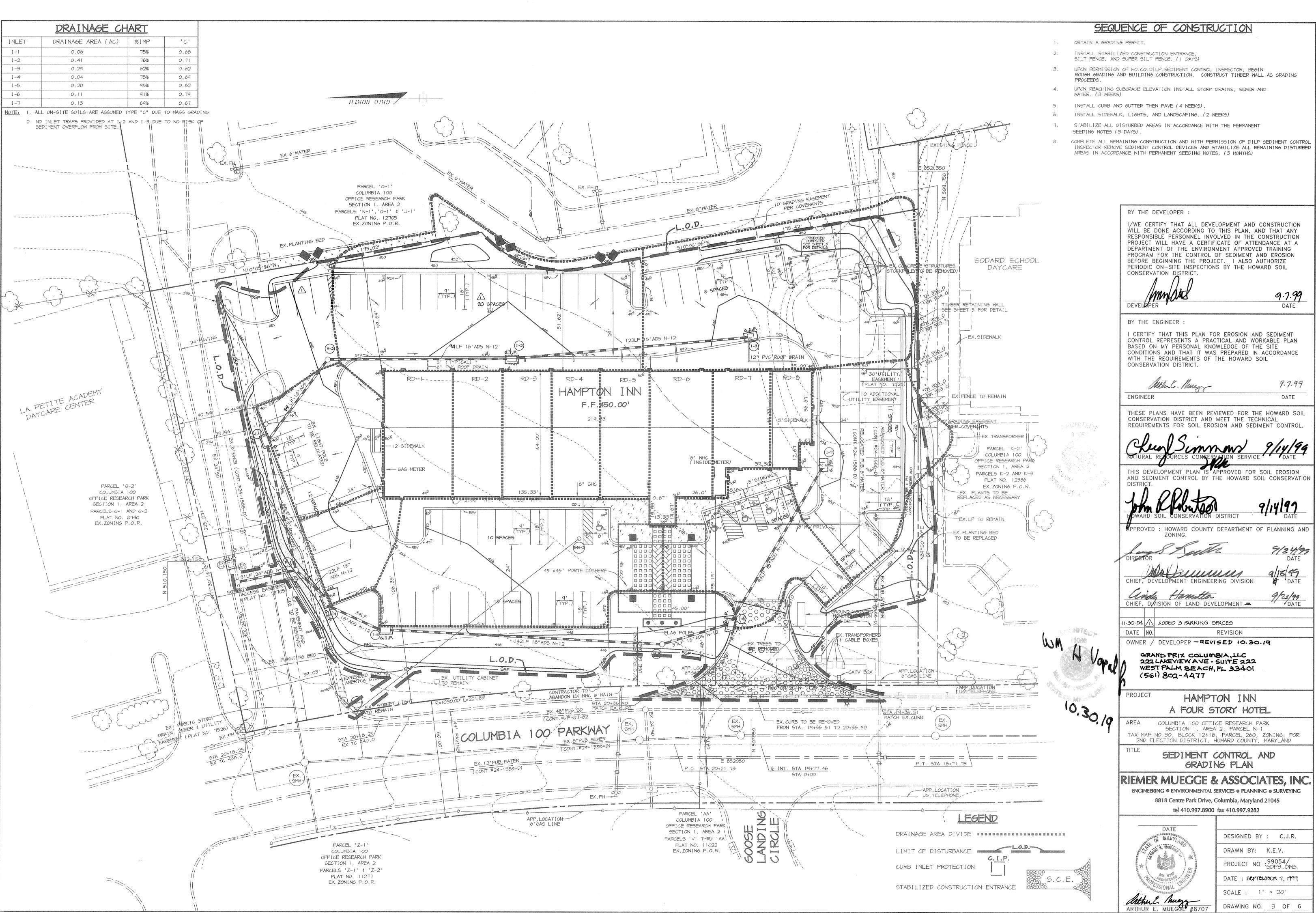


COLUMBIA 100 OFFICE RESEARCH PARK SECTION 1, AREA 2

PARCELS 'Z-1' & 'Z-2' PLAT NO. 112TT EX.ZONING P.O.R.



SDF 99-160



SDP-99-160

	Anna I I Alma Anna	TURE	SCHE	DULE	
ION		INV. II	N INV.	OUT	

STRUCTURE	TYPE	LOCATION		INV. IN	INV. OUT	TOP	WIDTH	REMARKS
I - 1	A-5	N 510,098.35	E 852,212.12	441.12 (18")	440.00 (18")	446.6	2'-6"	HOCO STD. DETAIL SD 4.40
I-2	A-5	N 509,973.34	E 852,255.00	442.93 (15")	442.68 (18")	447.1	2'-6"	HOCO STD. DETAIL SD 4.40
1-3	TERMINAL S-COMB.	N 509,850.67	E 852,265.31	444.40 (12")	444.15 (15")	447.4	_	HOCO STD. DETAIL SD 4.32
I-4	A-5	N 510,067.02	E 852,130.42	440.80 (18")	438.18 (18")	446.4	2'-6"	HOCO STD. DETAIL SD 4.01
I5	A-5	N 510,037.93	E 852,116.64	441.24 (18")	441.14 (18")	447.2	2'-6"	HOCO STD. DETAIL SD 4.01
I-6	A-5	N 509,856.43	E 852,117.64	443.40 (15")	443.15 (18")	447.6	2'-6"	HOCO STD. DETAIL SD 4.01
I-7	TERMINAL S-COMB.	N 509,812.90	E 852,199.61		444.35 (15")	447.6		HOCO STD. DETAIL SD 4.32
M-1	4' MH	N 510,084.02	E 852,145.65	437.30 (18") 437.30 (18")	436.80 (24")	444.0	<del>-</del>	HOCO STD. DETAIL 6 5.13
M-2	4' MH	N 510,067.98	E 852,253.22	441.78 (18")	441.68 (18")	448.5		HOCO STD. DETAIL 6 5.13
M-3	4' MH	N 509,895.81	E 852,108.09	442.76 (18")	442.66 (18")	446.5		HOCO STD. DETAIL 6 5.13

NOTES: 1. LOCATION OF S INLETS AND MANHOLES IS AT CENTER OF TOP COVER. 2. FOR 'A' INLETS LOCATION IS GIVEN AT CENTER OF THROAT OPENING AT FACE OF CURB.

3. TOP ELEVATION IS TOP OF CURB/GRATE/RIM.

BY THE DEVELOPER: I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION

WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

99.99

BY THE ENGINEER:

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

ENGINEER

9.7.99 DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED : HOWARD COUNTY DEPARTMENT OF PLANNING AND

Chief, DIVISION OF LAND DEVELOPMENT.

DATE NO. **REVISION** 

OWNER / DEVELOPER - REVISED 10.30.19 GRAND PRIX COLUMBIA, LLC 222 LAKEVIEW AYE. - SUITE 222 WEST PALM BEACH, FL 33401 (561) 802-4477

PROJECT

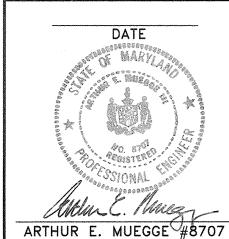
HAMPTON INN A FOUR STORY HOTEL

COLUMBIA 100 OFFICE RESEARCH PARK SECTION 1, AREA 2, PARCEL N-1 TAX MAP NO.30, BLOCK 12&18, PARCEL 260, ZONING: POR 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

PROFILES

#### RIEMER MUEGGE & ASSOCIATES, INC. ENGINEERING @ ENVIRONMENTAL SERVICES @ PLANNING @ SURVEYING

8818 Centre Park Drive, Columbia, Maryland 21045 tel 410.997.8900 fax 410.997.9282



DESIGNED BY : C.J.R. DRAWN BY: K.E.V. PROJECT NO :99054/ SDP4.DWG DATE : SEPTEMBER 7, 1999

SCALE : AS SHOWN

DRAWING NO. 4 OF 6 SDP-99-160

PUBLIC PRIVATE WATER UNDER ADO -EXISTING GROUNI FOR CONTINUATION PROPOSED GRADE -SEE ARCH. DWG'S FF 450.00 CONTR. # 24-1588-D 444.0

EXISTING GROUND~ PROPOSED GRADE 18" ADS N-12 15" ADS N-12 0 1.00% 0 1.00%  $Q_{10} = 2.2 \text{ cfs}$ Q<sub>10</sub>= 0.85 cfs  $V_{F} = 1.25 \text{ fps}$  $V_F = 0.69 \text{ fps}$ EX. 24"D 431.05 EX. 8"5 426.12 0 1.00%  $Q_{10} = 9.4 \text{ cfs}$  $V_F = 2.99 \text{ fps}$ 5 18" ADS N-12 18" ADS N-12 0 1.01% 0 1.00% 18" ADS N-12 Q10= 4.73 cfs  $Q_{10} = 2.2 \text{ cfs}$ 9 4.00%  $V_F = 1.25 \text{ fps}$  $V_F = 2.68 \text{ fps}$ Q10= 4.89 cfs  $V_F = 2.77 \text{ fps}$ STORM DRAIN PROFILE

SCALE : HOR.-1"=50' VERT.-1"=5'

WATERLINE PROFILE

SCALE:

HOR.-1"=50'
VERT.-1"=5'

SEWER PROFILE HOR. -1"=50' VERT. -1"=5'

PROPOSED GRADE -

6" 5 - **0** 1.65%

-18" ADS N-12 441.6

PRIVATE

PUBLIC

EXISTING GROUND -

EX. 6" SHC CONT.24-1588-D

426.57 \

10.30.19

5' FOR CONTINUATION SEE ARCH. DWG'S

#### STANDARD SEDIMENT CONTROL NOTES

. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1855).

- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
- 3. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A)7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THE PERIMETER IN ACCORDANCE WITH VOL. 1. CHAPTER 7. OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- 6. 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 ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHED OF GRASSES.
- 6. 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.

#### 7. SITE ANALYSIS:

TOTAL AREA OF SITE AREA DISTURBED AREA TO BE ROOFED OR PAVED AREA TO BE VEGETATIVELY STABILIZED TOTAL CUT TOTAL FILL

1.948 ACRES 1.660 ACRES 1.20 ACRES 0.46 ACRES 4,100 CU. YARDS 4,100 CU. YARDS

- 8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- 9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- D. 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.
- 2. SITE GRADING WILL BEGIN ONLY AFTER ALL PERIMETER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND ARE IN A FUNCTIONING CONDITION.
- 3. SEDIMENT WILL BE REMOVED FROM TRAPS WHEN ITS DEPTH REACHES CLEAN OUT ELEVATION SHOWN ON THE PLANS.
- 4. CUT AND FILL QUANTITIES PROVIDED UNDER SITE ANALYSIS DO NOT REPRESENT BID QUANTITIES. THESE QUANTITIES DO NOT DISTINGUISH BETWEEN TOPSOIL, STRUCTURAL FILL OR EMBANKMENT MATERIAL, NOR DO THEY REFLECT CONSIDERATION OF UNDERCUTTING OR REMOVAL OF UNSUITABLE MATERIAL. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH SITE CONDITIONS WHICH MAY

#### TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short—term 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.

<u> Soil Amendments : Apply 600 lbs. per acre 10—10—10 fertilizer (14</u> lbs. per 1000 sq.ft.).

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2-1/2 bushels per acre of annual rye  $(3.2 \; ext{lbs}.$ per 1000 sq.ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (0.07 lbs. per 1000 sq.ft.). For the period November 16 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. per 1000 sq.ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal. per 1000 sq.ft.) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher, use 347 gal. per acre (8 gal. per 1000 sq.ft.) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

#### 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

Soil Amendments : In lieu of soil test recommendations, use one of the following schedules

- 1) Preferred Apply 2 tons per acre dolomitic limestone (92 lbs. per 1000 sq.ft.) and 600 lbs. per acre 10-10-10 fertilizer (14 lbs. per 1000 sq.ft.) 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 (9 lbs. per 1000 sq.ft.).
- 2) Acceptable Apply 2 tons per acre dolomitic limestone (92 lbs. per 1000 sq.ft.) and 1000 lbs. per acre 10-10-10 fertilizer (23 lbs. per 1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil.

Seeding: For the period March 1 thru April 30 and from August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs. per 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 (0.05 lbs. per 1000 sq.ft.) of weeping lovegrass. During the period October 16 thru February 28, protect site by one of the following options:

- 1) 2 tons per acre of well—anchored mulch straw and seed as soon as possible in the spring.
- Use sod.
- 3) Seed with 60 lbs. per acre Kentucky 31 Tall Fescue and mulch with 2 tons per acre well anchored straw.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs. per 1000 sq.ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal. per 1000 sq.ft.) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher, use 347 gal. per acre (8 gal. per 1000 sq.ft.) for anchoring.

Maintenance: Inspect all seeded areas and make needed repairs, replacements and reseedings.

#### 21.0 STANDARD AND SPECIFICATIONS FOR TOPSOIL

<u>Definition</u> Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

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

#### Conditions Where Practice Applies

- I. This practice is limited to areas having 2:1 or flatter slopes where: ı. The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth. b. 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.
- c. 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 Experimentation Station.
- II. Topsoil Specifications Soil to be used as topsoil must meet the following:
- i. 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 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 than 11" in diameter.
- 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 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 areas and worked into the soil in conjunction with tillage operations as described in the following procedures.
- II. For sites having disturbed areas under 5 acres: . Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization — bSection I — Vegetative Stabilization Methods and Materials.
- III. For sites having disturbed areas over 5 acres:

dissipation of phyto-toxic materials.

- 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. 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 which has been treated with soil sterilants or

chemicals used for weed control until sufficient time has elapsed (14 days min.) to permit

- Note: Topsoil substitutes to amendments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority may be used in lieu of natural topsoil.
- ii. Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - BSection I - Vegetative Stabilization Methods and Materials.

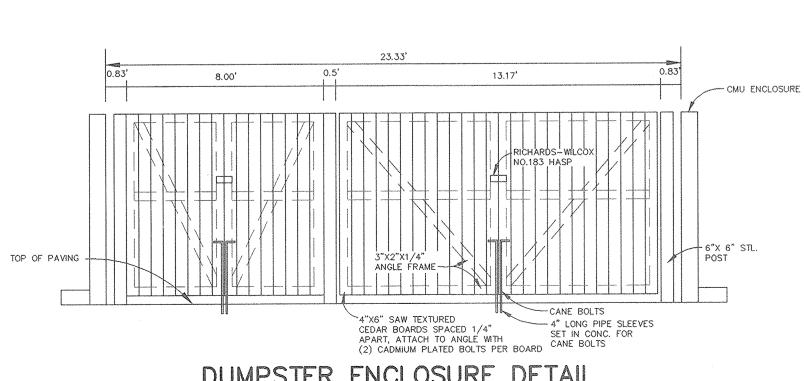
- i. When topsoiling, maintain needed erosion and sediment control practices such as diversions, Grade Stabilization Structures, Earth Dikes, Slope Silt Fence and Sediment Traps and Basins.
- ii. Grades on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4" - 8" higher in elevation.
- iii. 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 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 aradina and seedbed preparation.
- VI. Alternative for Permanent Seeding instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:
- i. Composted Sludge Material for use as a soil conditioner for sites having disturbed areas over 5 acres shall be tested to prescribe amendments and for site having disturbed areas under 5 acres shall conform to the following requirements: a. Composted sludge shall be supplied by, or originate from, a person or persons that are permitted (at the time of acquisition of the compost) by the Maryland Department of the
- nvironment under COMAR 26.04.06. b. Composted sludge shall contain at least 1 percent nitrogen, 1.5 percent phosphorus, and 0.2 percent potassium and have a pH of 7.0 to 8.0. If compost does not meet these requirements,
- the appropriate constituents must be added to meet the requirements prior to use. c. Composted sludge shall be applied at a rate of 1 ton/1,000 square feet. d. Composted studge shall be amended with a potassium fertilizer applied at the rate of 4 lb/1,000 square feet, and 1/3 the normal lime application rate.

References: Guideline Specifications, Soil Preparation and Sodding. MD-VA, Pub. #1, Cooperative Extension Service, University of Maryland and Virginia Polytechnic Institutes. Revised 1973.

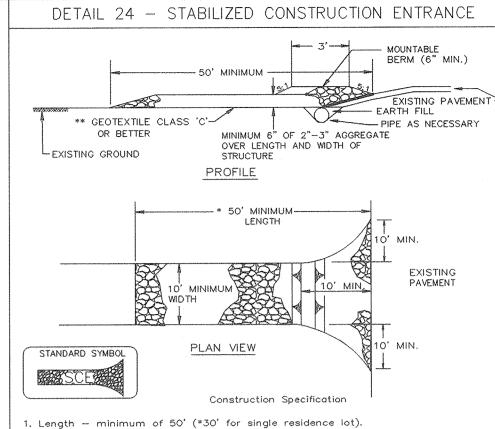
#### DUST CONTROL NOTES

#### TEMPORARY METHODS

- 1. MULCHES SEE STANDARDS FOR VEGETATIVE STABILIZATION WITH MULCHES ONLY. MULCH SHOULD BE CRIMPED OR TACKED TO PREVENT BLOWING.
- 2. VEGETATIVE COVER SEE STANDARDS FOR VEGETATIVE COVER.
- 3. TILLAGE TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS AN EMERGANCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS.
- 4. IRRIGATION THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS MOIST. REPEAT AS NEEDED. AT NO TIME SHOULD THE SITE BE IRRIGATED TO THE POINT THAT RUNOFF BEGINS TO FLOW.
- 5. BARRIERS SOLID BOARD FENCES, SILT FENCES, SNOW FENCES, BURLAP FENCES, STRAW BALES, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVENT CURRENTS AT INTERVALS OF ABOUT 10 TIMES THIER HEIGHT ARE EFFECTIVE IN CONTROLLING SOIL BLOWING.
- 6. CALCIUM CHLORIDE APPLY AT RATES THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT. PERMANENT METHODS
- 1. PERMINATE VEGETATION SEE STANDARDS FOR PERMANENT VEGETATIVE COVER, AND PERMANENT STABILIZATION WITH SOD. EXISTING TREES OR LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.
- 2. TOPSOILING COVERING WITH LESS ERROSIVE SOIL MATERIALS. SEE STANDARDS FOR TOPSOILING.
- 3. STONE COVER SURFACE WITH CRUSHED STONE OR GRAVEL.



DUMPSTER ENCLOSURE DETAIL



HANDICAP SIGN DETAIL

COLOR LEGEND AND BORDER - GREEN WHITE SYMBOLS ON BLUE BACKGROUND BACKGROUND - WHITE

PROPOSED GRADE

RESERVED

PARKING

O VAN ACCESSIBLE

\* FOR VAN ACCESSIBLE

SPACES ONLY, SEE PLAN FOR LOCATION

NOTE DISTANCE FROM GROUND TO BOTTOM OF SIGN TO BE 7'.

\*\*SIGNS PLACED AGAINST A BUILDIN DISTANCE FROM GROUND TO BOTTOM OF SIGN TO BE 6'.

NO SCALE

MSHA MIX No. 2

**REVERSE 7" COMBINATION** 

CURB AND GUTTER

NO SCALE

BITUMINOUS CONCRETE SURFACE

BITUMINOUS CONCRETE BASE

\* 5" CRUSHER RUN BASE COURSE

4" DENSE GRADED STABILIZED AGGREGATE BASE COURSE

(ALTERNATE)

BITUMINOUS CONCRETE SURFACE

BITUMINOUS CONCRETE BASE

HOWARD COUNTY DESIGN MANUAL VOLUME IV-

ONSTRUCTION (DRAWING R-2.01)

STANDARD SPECIFICATIONS AND DETAILS FOR

P-1 PAVING

40 40

MANDICAD RAND /G

DETAIL OF CONSTRUCTION

NOT TO SCALE

CONCRETE

DEPRESSED CURB

AT DRIVEWAY

ENTRANCES

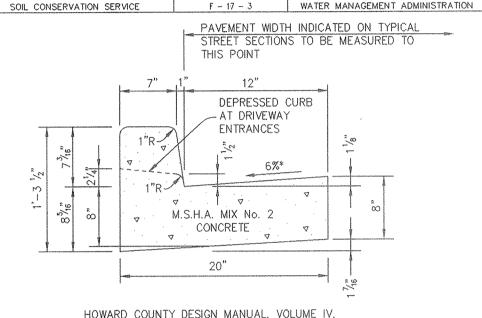
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. \*\*The plan approval authority may not require single family residences to use geotextile.

2. Width — 10' minimum, should be flared at the existing road to provide a turning

4. Stone — crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the

5. Surface Water — all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" 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.

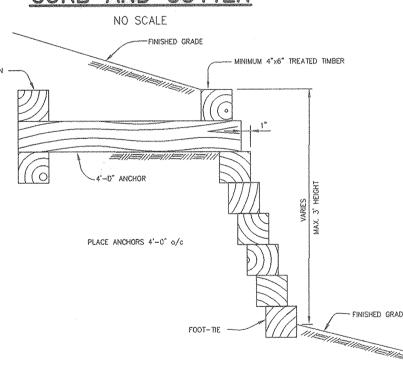
6. Location — A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance. MARYLAND DEPARTMENT OF ENVIRONMENT



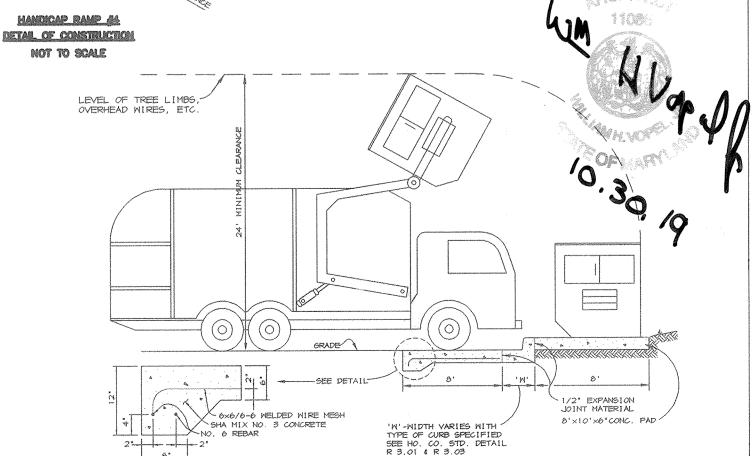
STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-3.01). \* GUTTER PAN AT THE MEDIAN EDGE OF INTERMEDIATE ARTERIALS OR THE HIGH SIDE OF SUPERELEVATED SECTIONS SHALL BE SLOPED AT THE SAME RATE

AS THE PAVEMENT.

#### STANDARD 7" COMBINATION CURB AND GUTTER



RETAINING WALL DETAIL



DUMPSTER PAD

6" MINIMUM LENGTH FENCE POST. 10' MAXIMUM CENTER TO DRIVEN A MINIMUM OF 16" INTO GROUND -16" MINIMUM HEIGHT OF GEOTEXTILE CLASS F - 8" MINIMUM DEPTH IN FLOW 36" MINIMUM FENCE-PERSPECTIVE VIEW POST LENGTH - FENCE POST SECTION MINIMUM 20" ABOVE FLOW GROUND UNDISTURBED EMBED GEOTEXTILE CLASS F -FENCE POST DRIVEN A TOP VIEW A MINIMUM OF 8" VERTICALLY \$ MINIMUM OF 16" INTO INTO THE GROUND POSTS T THE GROUND CROSS SECTION SECTION B SECTION A STANDARD SYMBOL STAPLE \_\_\_\_\_SF \_\_\_\_ JOINING TWO ADJACENT SILT FENCE SECTIONS Construction Specifications

DETAIL 22 - SILT FENCE

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 11/2" x 11/2" square (minimum) cut, or 13/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot. 2. Geotextile shall be fastened securely to each fence post with wire ties

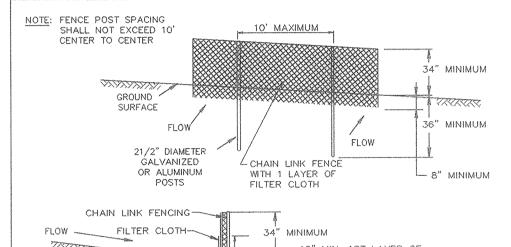
or staples at top and mid-section and shall meet the following requirements

for Geotextile Class F: Test: MSMT 509 50 lbs/in (min.) Tensile Modulus 20 lbs/in (min.) Test: MSMT 509 0.3 gal ft 1/ minute (max.) Test: MSMT 322 Flow Rate Filtering Efficiency 75% (min.) Test: MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped. folded and stapled to prevent sediment bypass. 4. Silt Fence shall be inspected after each rainfall event and maintained when

bulges occur or when sediment accumulation reached 50% of the fabric height. MARYLAND DEPARTMENT OF ENVIRONMEN U.S. DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE E - 15 - 3 WATER MANAGEMENT ADMINISTRATION DETAIL 33 - SUPER SILT FENCE



16" MIN. 1ST LAYER OF FILTER CLOTH " EMBED FILTER CLOTH 8"-MINIMUM INTO GROUND STANDARD SYMBOL \*IF MULTIPLE LAYERS ARE REQUIRED TO ATTAIN 42" Construction Specifications

for a 6' fence shall be used, substituting 42" fabric and 6' length 2. 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.

latest Maryland State Highway Details for Chain Link Fencing. The specification

3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.

Fencing shall be 42" in height and constructed in accordance with the

4. Filter cloth shall be embedded a minimum of 8" into the ground. 5. When two sections of filter cloth adjoin each other, they shall be overlapped

6. 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 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

Test: MSMT 509 Tensile Strength 50 lbs/in (min.) 20 lbs/in (min.) Test: MSMT 509 Tensile Modulus 0.3 gal/ft /minute (max.) Test: MSMT 322 Flow Rate Test: MSMT 322 Filtering Efficiency 75% (min.) MARYLAND DEPARTMENT OF ENVIRONME U.S. DEPARTMENT OF AGRICULTURE PAGE WATER MANAGEMENT ADMINISTRATION H - 26 - 3SOIL CONSERVATION SERVICE DETAIL 23C - CURB INLET PROTECTION

2' MINIMUM LENGTH 6' MAXIMUM SPACING OF 2" X 4" SPACERS OF 2" X 4" - 2" X 4" ANCHORS 2" X 4" WEIR -FILTER CLOTH O STORM

MAX. DRAINAGE AREA = 1/4 ACRE

entering the inlet under or around the geotextile.



2" X 4" WEIR

1. Attach a continuous piece of wire mesh (30" minimum width by throat length plus ') to the 2" x 4" weir (measuring throat length plus 2') as shown on the standard 2. Place a continuous piece of Geotextile Class E the same dimensions as the wire

STANDARD SYMBOL

MARYLAND DEPARTMENT OF ENVIRONMEN

mesh over the wire mesh and securely attach it to the 2" x 4" weir. 3. Securely nail the 2" X 4" weir to a 9" long vertical spacer to be located between he weir and the inlet face (max. 4' apart). 4. Place the assembly against the inlet throat and nail (minimum 2' lengths of 2" x 4" to the top of the weir at spacer locations). These 2" x 4" anchors shall

extend across the inlet top and be held in place by sandbags or alternate weight. 5. The assembly shall be placed so that the end spacers are a minimum 1' beyond 6. Form the 1/2 " x 1/2 " wire mesh and the geotextile fabric to the concrete gutter and against the face of the curb on both sides of the inlet. Place clean 3/4 " x 1 1/2

stone over the wire mesh and geotextile in such a manner to prevent water from

7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment. 8. Assure that storm flow does not bypass the inlet by installing a temporary earth or asphalt dike to direct the flow to the inlet.

5' WIDE UNLESS OTHERWISE NOTED \$ 0 0 T COMPACTED SUBGRADE S.H.A. MIX NO. 2 CONCRETE, STIFF BROOM FINISH. REMOVE EDGEING TOOL MARKS IN PROVIDE LATITUDINAL EXPANSION JOINTS AT 15' O.C. (MAX.) PROVIDE CONTRACTION (DUMMY) JOINT AT 5' O.C. INTERVALS BETWEEN EXPANSION JOINTS. SIDEWALK TO BE SCRIBED IN

SIDEWALK DETAIL

NO SCALE

BY THE DEVELOPER

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

BY THE ENGINEER

CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

9.7.99 DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION

: HOWARD COUNTY DEPARTMENT OF PLANNING AND

CHIEF, DIVISION OF LAND DEVELOPMENT A

DATE NO. REVISION OWNER / DEVELOPER - REVISED 10.30.19

222 LAKEVIEW AVE - SUITE 222 WEST PALM BEACH, FL 33401 (561) 802, 4477

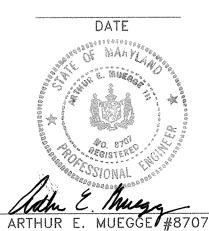
A FOUR STORY HOTEL

COLUMBIA 100 OFFICE RESEARCH PARK SECTION 1, AREA 2, PARCEL N-1 TAX MAP NO.30, BLOCK 12818, PARCEL 260, ZONING: POR 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

DETAILS AND NOTES

RIEMER MUEGGE & ASSOCIATES, INC. ENGINEERING @ ENVIRONMENTAL SERVICES @ PLANNING @ SURVEYING 8818 Centre Park Drive, Columbia, Maryland 21045

tel 410.997.8900 fax 410.997.9282



DESIGNED BY : C.J.R. DRAWN BY: K.E.V.

DATE: SEPTEMBER 7, 1999

DRAWING NO. 5 OF 6

50P.99·160

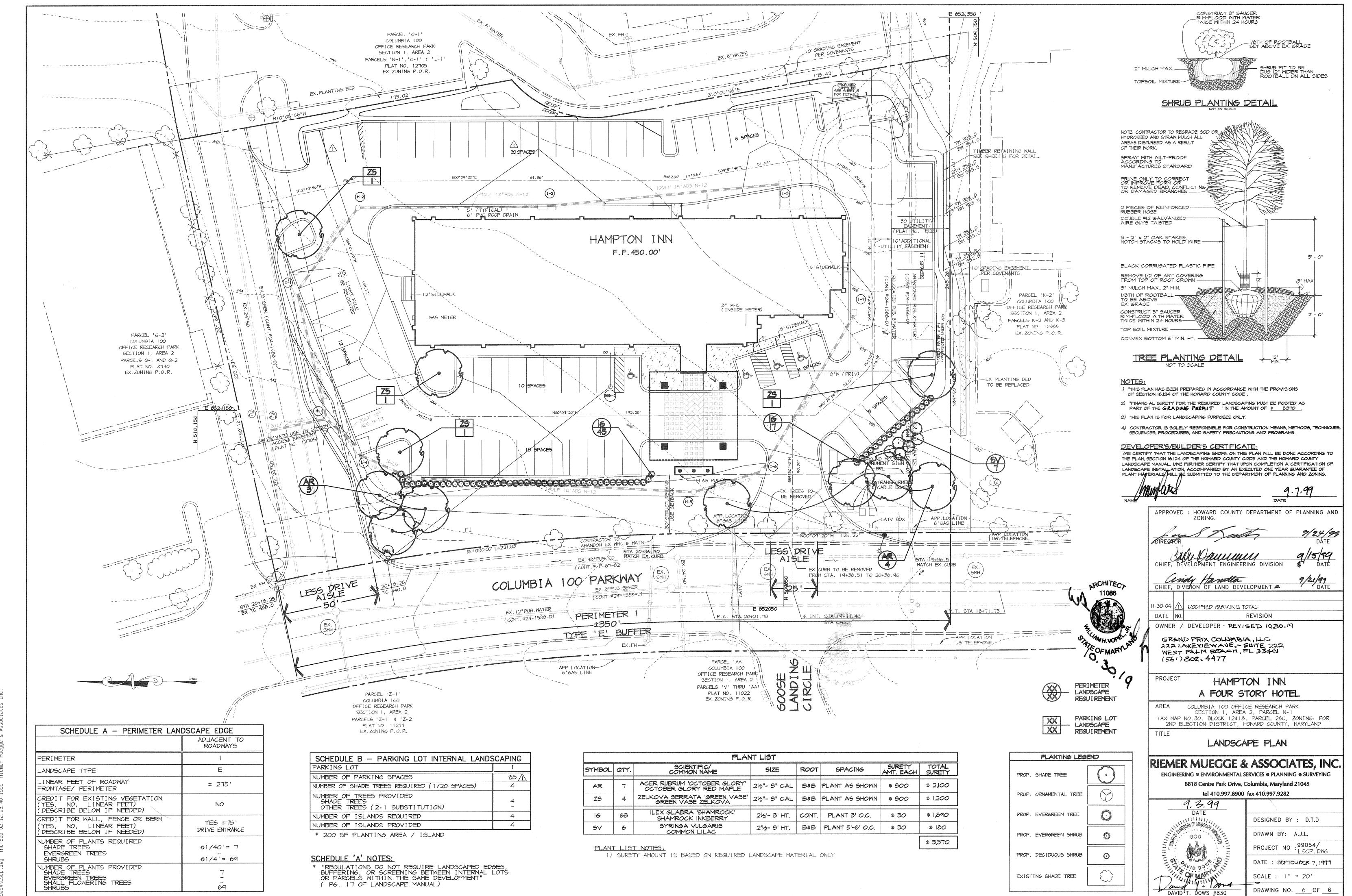
DATE

GRAND PRIX COLUMBIA, LLC

HAMPTON INN

PROJECT NO :99054/ SDP5.DWG

SCALE : AS SHOWN



50P.99.160

#### SHEET INDEX

GENERAL NOTES

OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.

REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.

FOOT CONTOUR INTERVALS PREPARED BY WINGS AERIAL MAPPING CO. DATED (JULY. 1998).

SEWER IS PUBLIC. CONTRACT NO. - 24-1588-D DRAINAGE AREA: 108 PUMPING STATION.

APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED

13. AN APFO TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY THE TRAFFIC GROUP DATED MAY 1999.

STORMWATER QUALITY AND QUANTITY MANAGEMENT IS PROVIDED FOR THE DEVELOPMENT BY REGIONAL

19. SEE DEPARTMENT OF PLANNING AND ZONING FILE NO'S: F-97-92, F-90-03, F-87-82, F97-147, SDP-89-230

THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST (5) DAYS BEFORE STARTING WORK

IMMEDIATELY AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITIES ARE SHOWN BASED ON THE BEST

THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY

ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.

MONUMENT NOS. 30FB AND 30FC WERE USED FOR THIS PROJECT.

11. A 100- YEAR FLOODPLAIN STUDY IS NOT REQUIRED FOR THIS PROJECT.

17. SUBJECT PROPERTY ZONED POR PER 10-18-93 COMPREHENSIVE ZONING PLAN.

SEQUENCES, PROCEDURES, AND SAFETY PRECAUTIONS AND PROGRAMS.

EACH STATION HAS BEEN APPROVED BY THE ENGINEER IN THE FIELD.

24. ALL STORM DRAIN PIPE BEDDING SHALL BE CLASS 'C' AS SHOWN IN FIG. 11.4,

27. PROFILES STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN

26. ALL PIPE ELEVATIONS SHOWN ARE INVERT — ELEVATIONS.

MINIMUM OF 95% COMPACTION OF AASHTO TI80.

18. ALL ELEVATIONS SHOWN ARE BASED ON THE U.S.C. AND G.S. MEAN SEA LEVEL DATUM, 1929.

CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES,

ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.

ALL FILL AREAS WITHIN ROADWAY AND UNDER STRUCTURES TO BE COMPACTED TO A

AS THIS PROJECT WAS SUBJECT TO FINAL PLANS AND MASS GRADING PLANS PRIOR TO THE FOREST CONSERVATION ACT, THERE ARE NO FOREST CONSERVATION REQUIREMENTS FOR THIS DEVELOPMENT.

22. PIPE SHALL NOT BE INSTALLED BY THE CONTRACTOR UNTIL THE LENGTH CALLED FOR AT

23. NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT WITHIN 6"

VOLUME 1 OF HOWARD COUNTY DESIGN MANUAL UNLESS OTHERWISE NOTED.

12. A WETLANDS DELINEATION FOR THIS PROJECT IS NOT REQUIRED.

15. A GEOTECHNICAL STUDY FOR THIS PROJECT IS NOT REQUIRED.

14. A NOISE STUDY FOR THIS PROJECT IS NOT REQUIRED.

RETENTION FACILITY PER F-87-82.

SHOWN ON THESE DRAWINGS.

OF FINISHED GRADE.

DIMENSIONS.

THE EXISTING TOPOGRAPHY IS TAKEN FROM AERIAL SURVEY WITH MAXIMUM TWO

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS

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

THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR

TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND

- TITLE SHEET
- 2 SITE DEVELOPMENT PLAN 3 GRADING, SEDIMENT CONTROL & DRAINAGE AREA PLAN
- 4 PROFILES
- 5 DETAILS & NOTES 6 LANDSCAPING PLAN, NOTES AND DETAILS

TO THE START OF WORK.

AVAILABLE INFORMATION.

TO ANY EXCAVATION WORK BEING DONE.

WATER IS PUBLIC. CONTRACT NO. - 24-1588-D

## SITE DEVELOPMENT PLAN HAMPTON IN

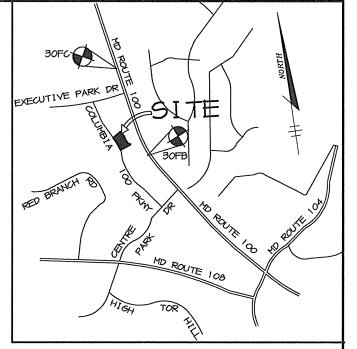
2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND

### HAMPTON INN COLUMBIA 100 OFFICE RESEARCH PARK SECTION 1, AREA 2 F.F.450.00' PARCELS Q-1 AND Q-2 PLAT NO. 8740 EX.ZONING P.O.R. COLUMBIA 100 OFFICE RESEARCH PARK SECTION 1, AREA 2 PARCELS K-2 AND K-3 PLAT NO. 12386 COLUMBIA 100 PARKWAY E 852,050 COLUMBIA 100 OFFICE RESEARCH PARK SECTION 1, AREA 2 PARCELS 'V' THRU 'AA' A PLAT NO. 11022 EX.ZONING P.O.R. COLUMBIA 100 OFFICE RESEARCH PARK SECTION 1, AREA 2 PARCELS 'Z-1' 4 'Z-2' SCALE : 1" = 50'



HO. CO. SURVEY CONTROL STATION: 30FB N 570, 134 E 1, 365, 194

HO. CO. SURVEY CONTROL STATION: 30FC N 572,917 E 1,364,670



VICINITY MAP

#### SITE TABULATION

TOTAL AREA 1.948 AC. (84,856 SF) LIMIT OF DISTURBANCE 1.66 AC. (72,510 SF) CURRENT ZONING P.O.R.

PROPOSED USE HOTEL NUMBER OF ROOMS

BUILDING COVERAGE 13,575 SQ.FT.(16% OF SITE) CANOPY COVERAGE 2,025 SQ.FT.( 2% OF SITE) COMBINED COVERAGE 15,600 SQ.FT.(18% OF SITE)

REQUIRED PARKING

HOTEL

1 SPACES PER ROOM\* = 83 SPACES TOTAL 83 SPACES

PROPOSED PARKING

STREET ADDRESS

1/2

SEWER CODE

WATER CODE:

G-02

8880 COLUMBIA 100 PARKWAY

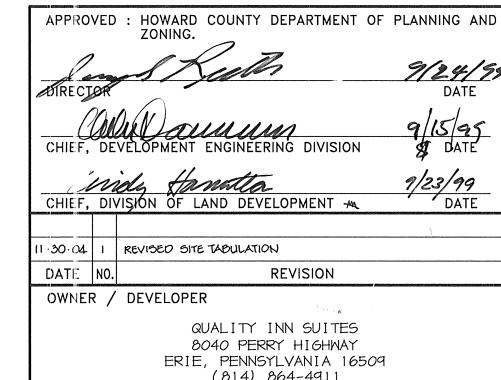
2 ND

5657400

6023.02

100 SPACES (INCLUDES 4 HC SPACES)

PAYED AREA 38,798 SF (46% OF SITE) \* PER HOWARD COUNTY ZONING REGULATIONS SECTION 133



(814) 864-4911

#### PROJECT HAMPTON INN A FOUR STORY HOTEL

COLUMBIA 100 OFFICE RESEARCH PARK SECTION 1, AREA 2, PARCEL N-1 TAX MAP NO.30, BLOCK 12\$18, PARCEL 260, ZONING: POR 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE SHEET

#### RIEMER MUEGGE & ASSOCIATES, INC ENGINEERING @ ENVIRONMENTAL SERVICES @ PLANNING @ SURVEYING 8818 Centre Park Drive, Columbia, Maryland 21045

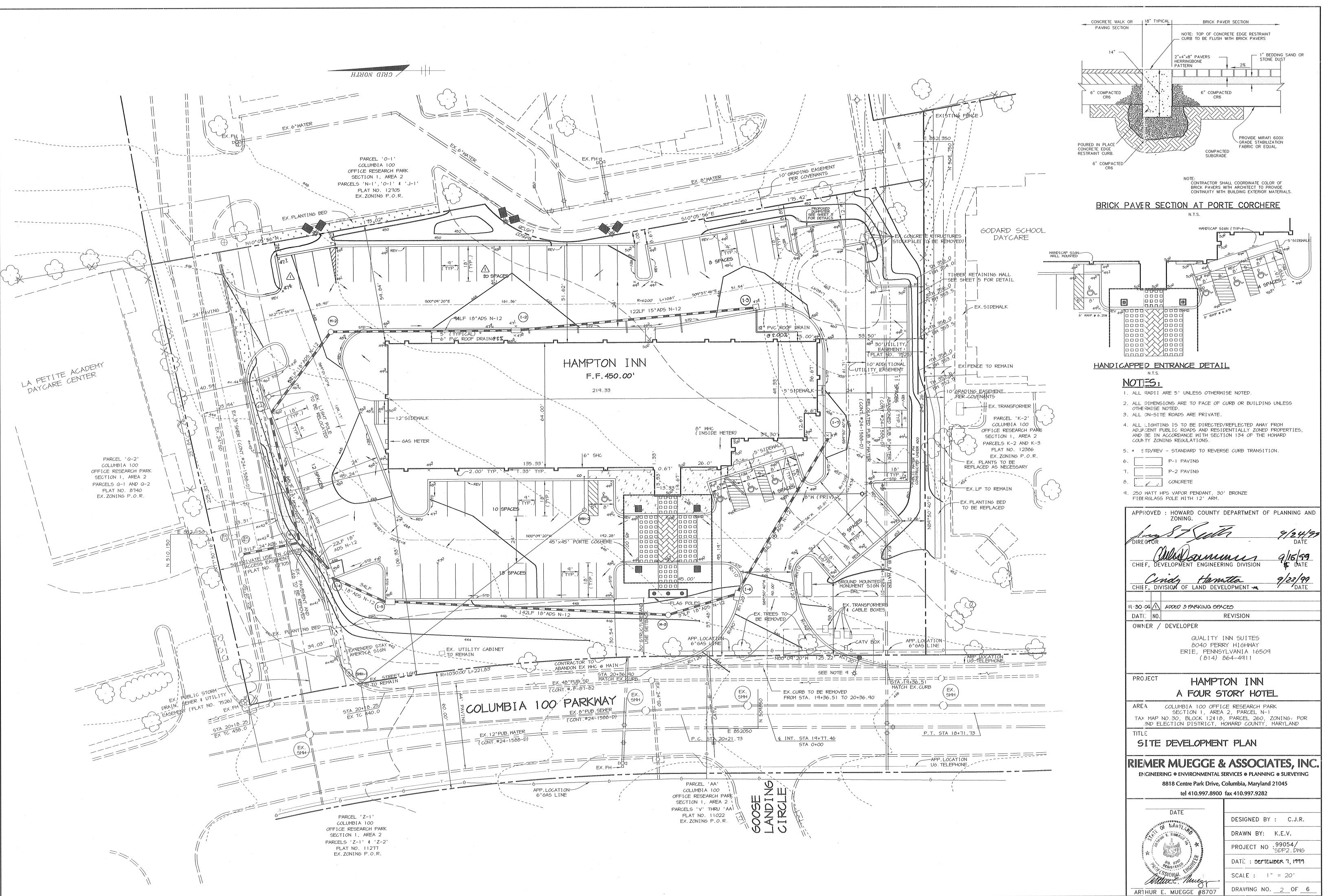
tel 410.997.8900 fax 410.997.9282

DESIGNED BY: C.J.R. DRAWN BY: K.E.V. PROJECT NO :99054/ SDP1.DWG DATE: SEPTEMBER 7, 1999 SCALE : AS SHOWN

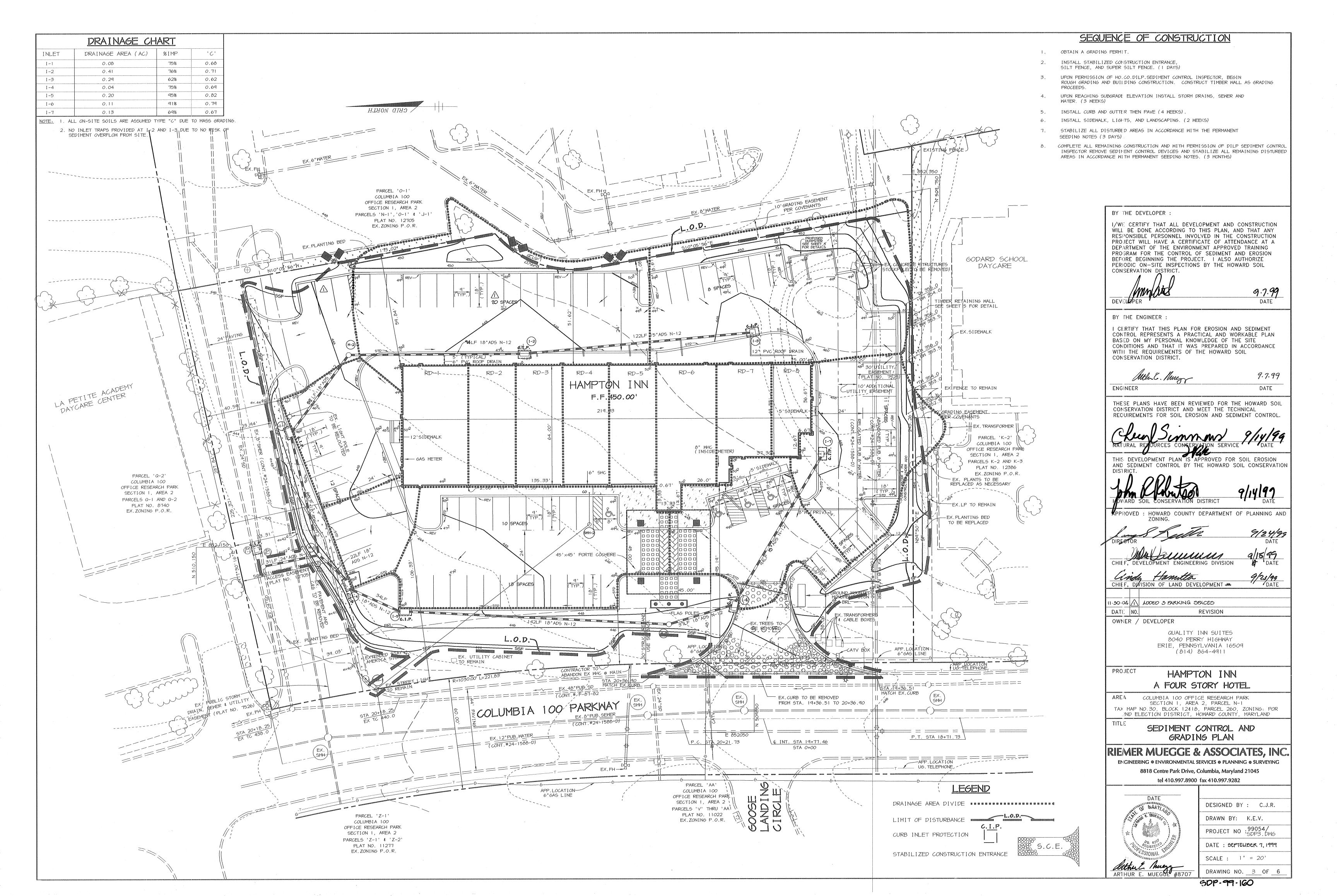
BUILDING ELEVATION & PORTE COCHERE

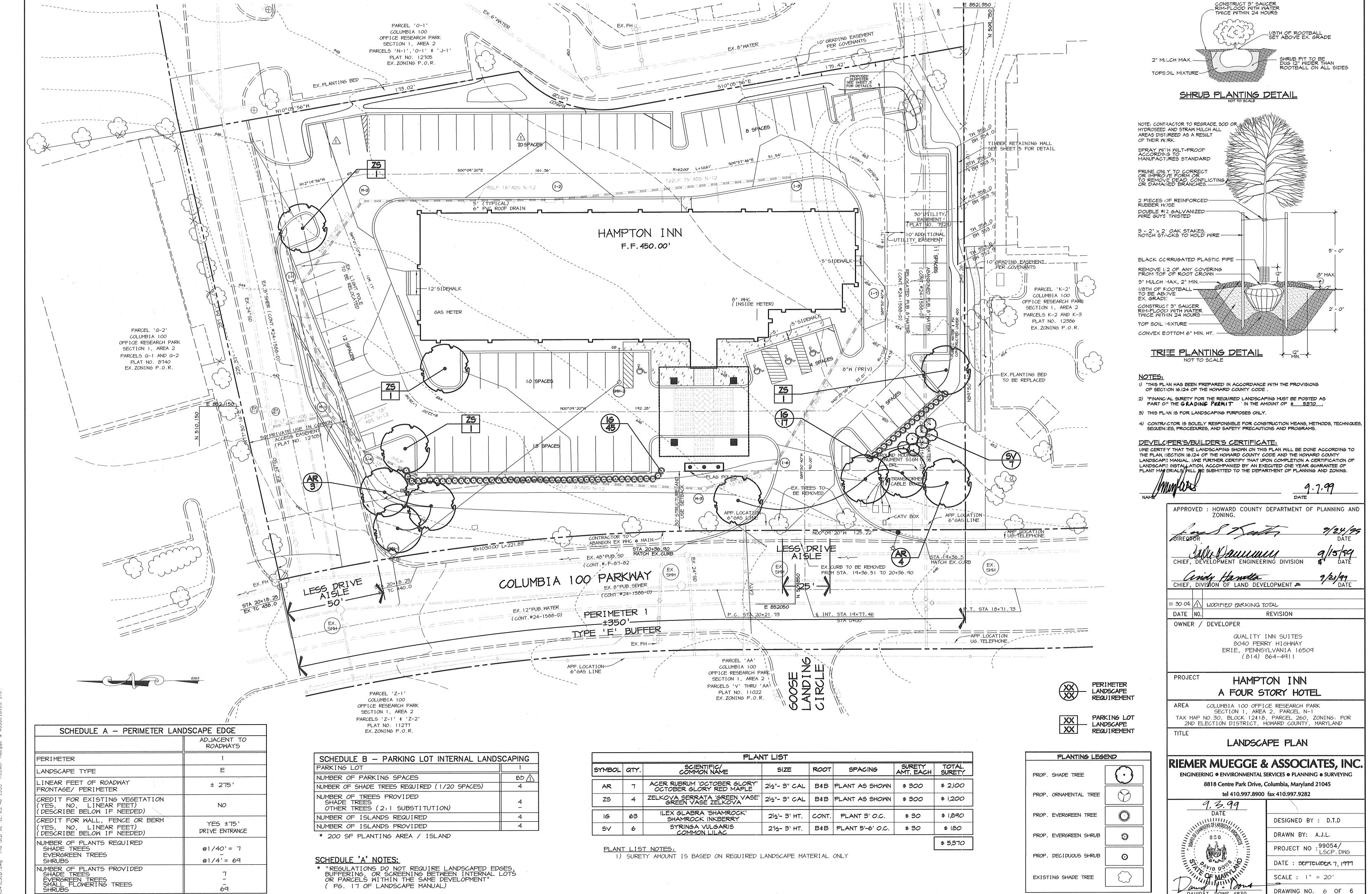
ADDRESS CHART SUBDIVISION NAME: COLUMBIA 100 OFFICE RESEARCH PARK BLOCK #: ZONE: TAX MAP NO.: ELECT. DIST.: CENSUS TRACT 12\$18 | POR | 30 12705

ARTHUR E. MUEGGE #8707 DRAWING NO. 1 OF 6 50P-99-160



50P-99-160





69

DRAWING NO. 6 OF 6