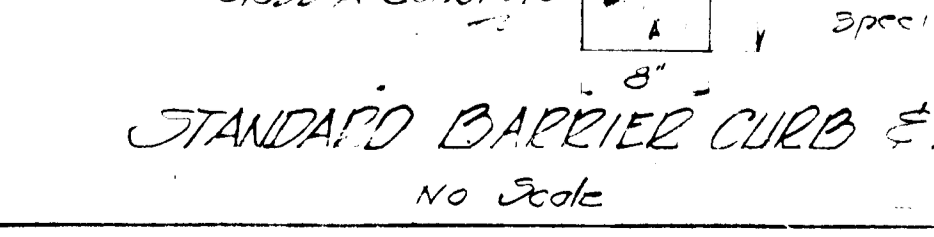
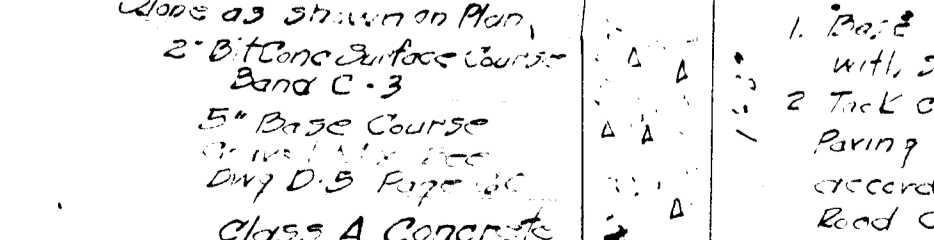
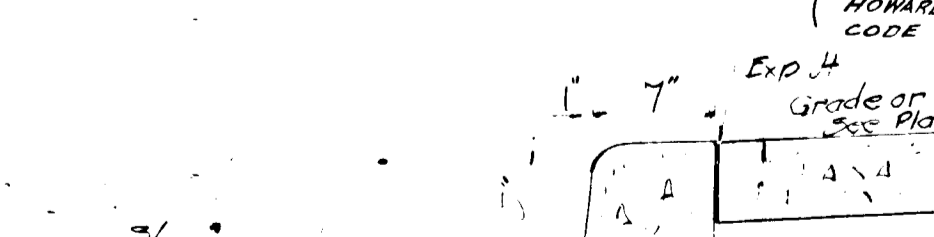
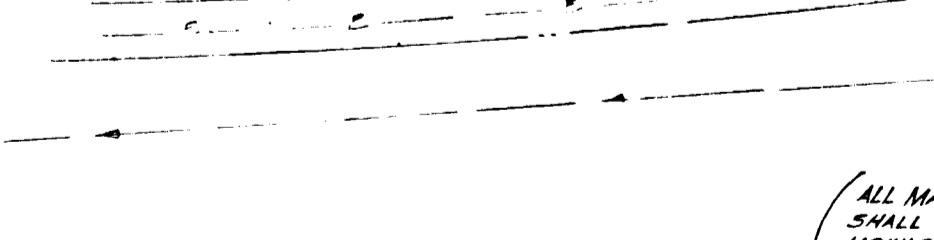
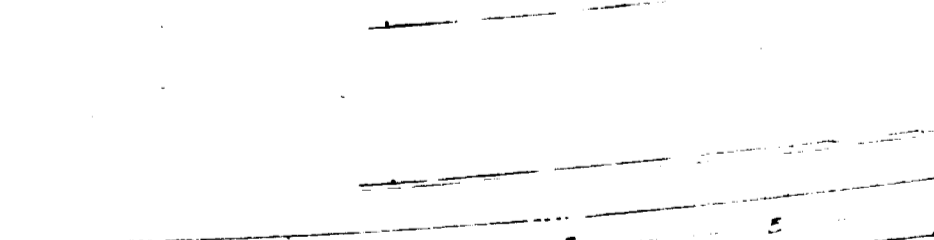
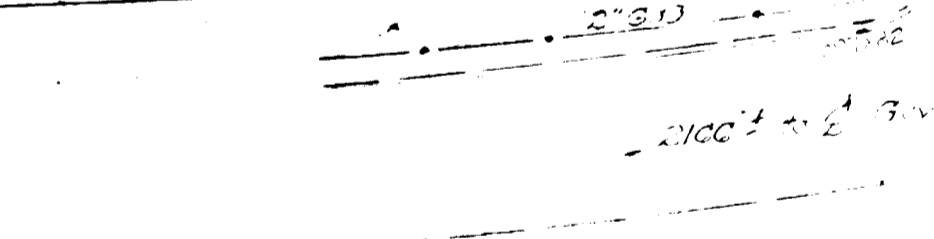
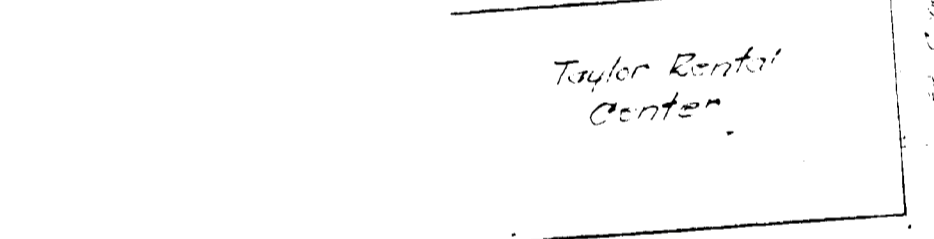
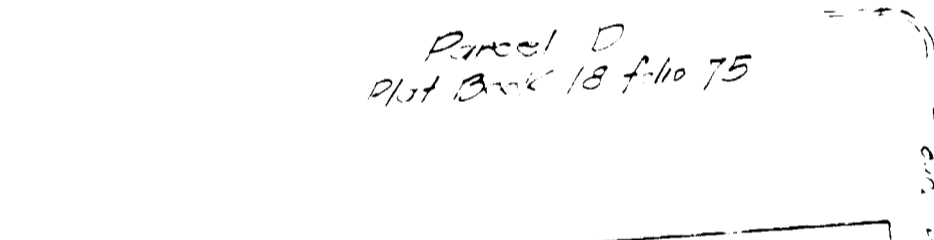
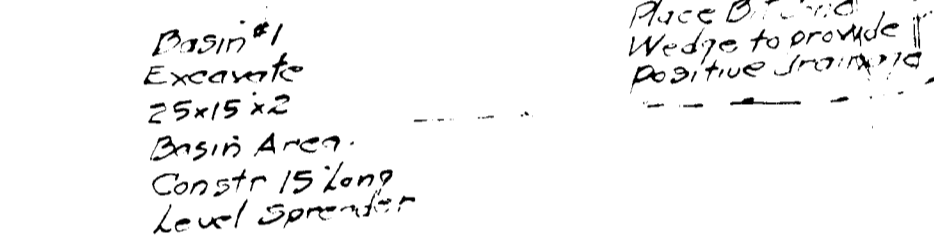
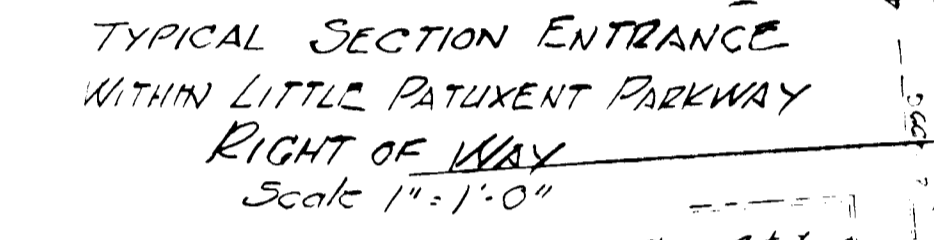
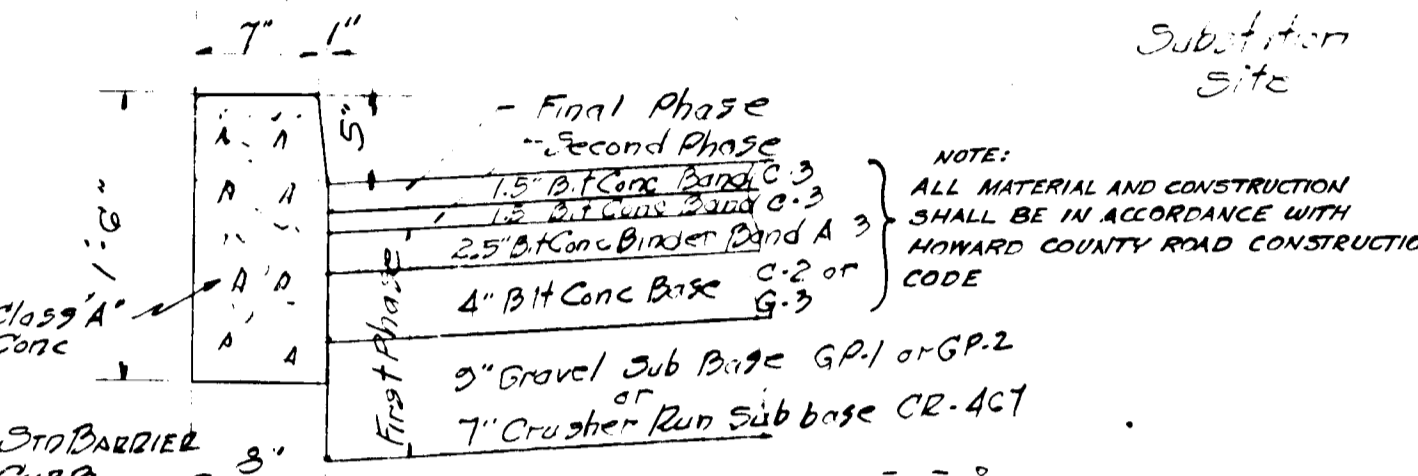
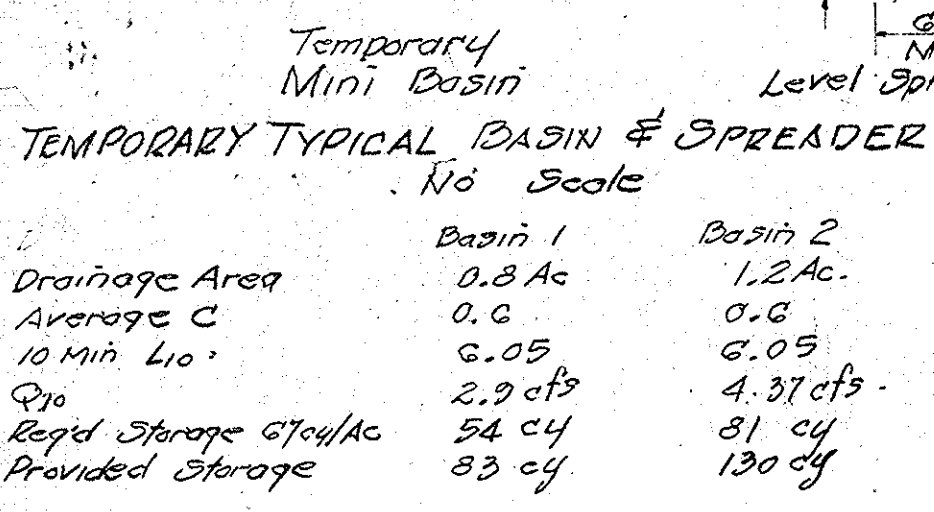
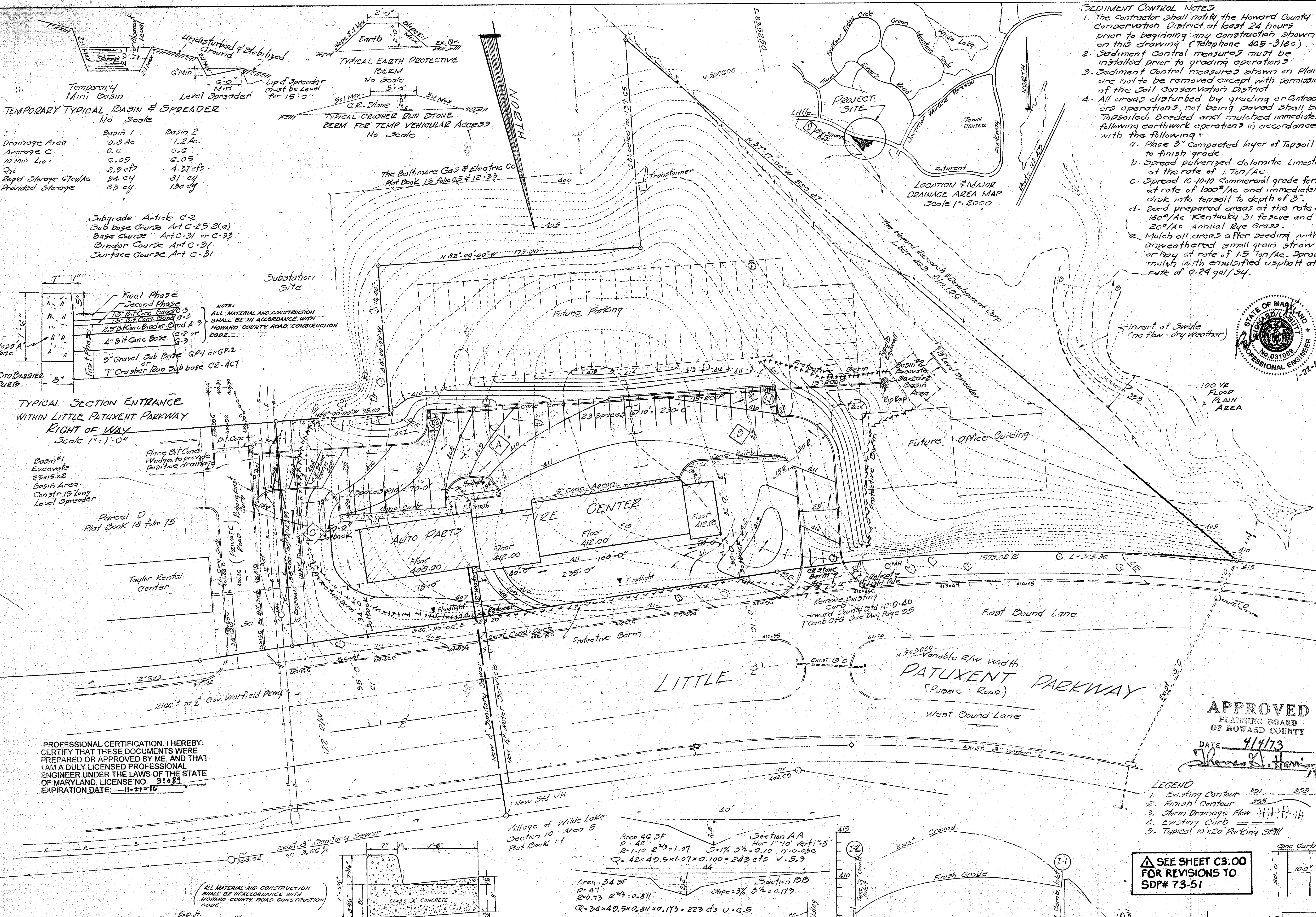


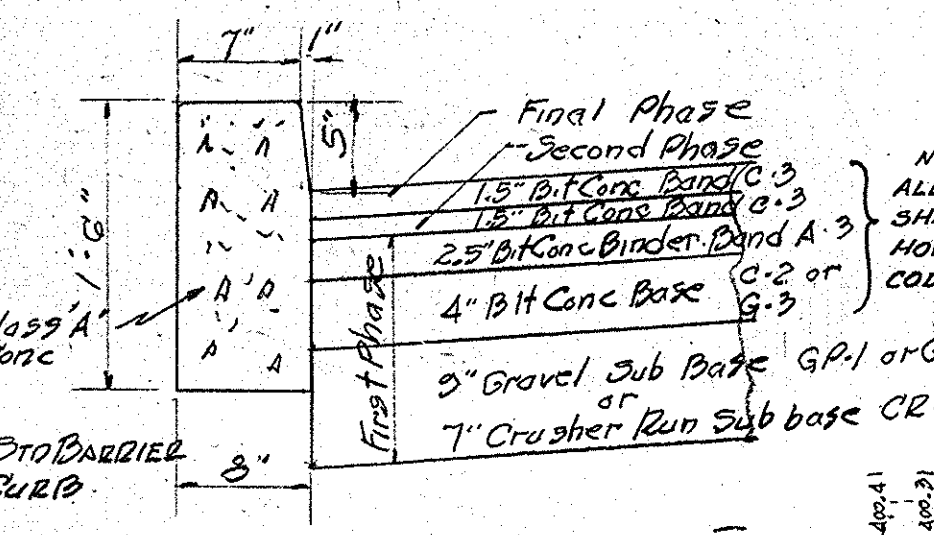
TEMPORARY TYPICAL BASIN & SPREADER
No Scale

Basin 1	Basin 2
Drainage Area 0.8 Ac	1.2 Ac
Average C 0.6	0.8
10 Min L ₁₀ 0.05	0.05
Q ₁₀ 2.9 cfs	4.37 cfs
Reg'd Storage 54 cu	81 cu
Provided Storage 83 cu	130 cu

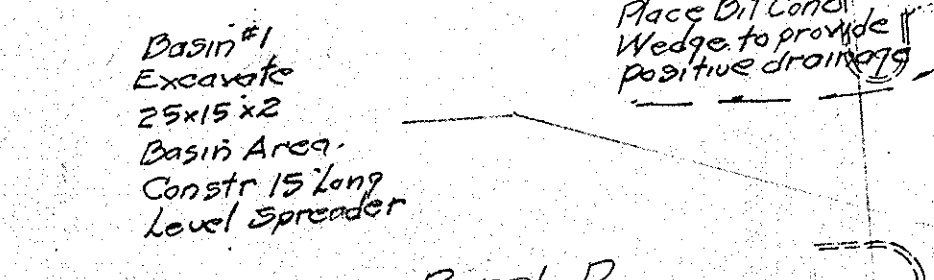




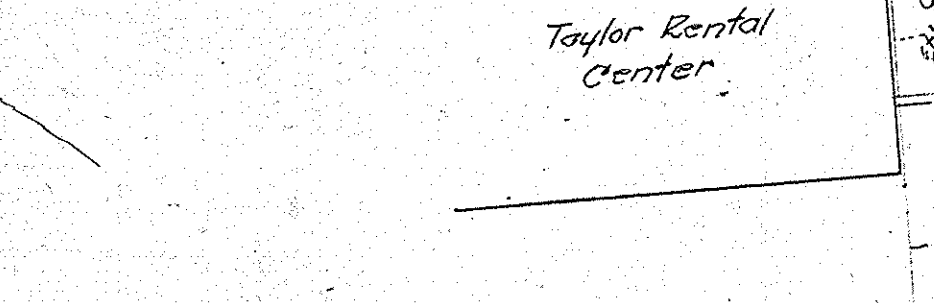
Subgrade Article C-2
Sub base Course Art C-25 2(a)
Base Course Art C-31 or C-33
Binder Course Art C-31
Surface Course Art C-31



NOTE: ALL MATERIAL AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE



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. 31081, EXPIRATION DATE: 11-21-16



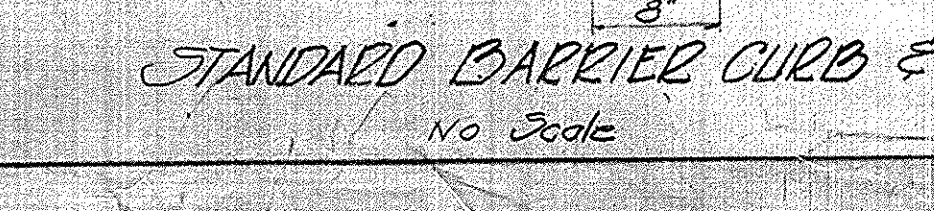
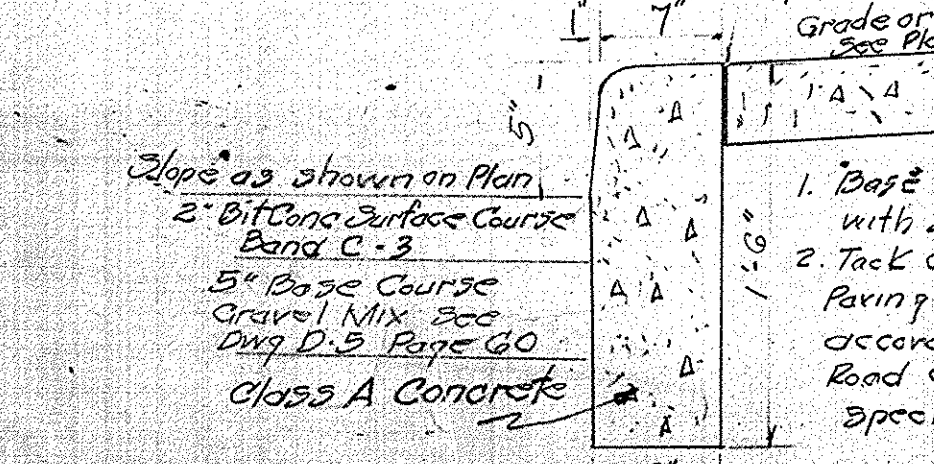
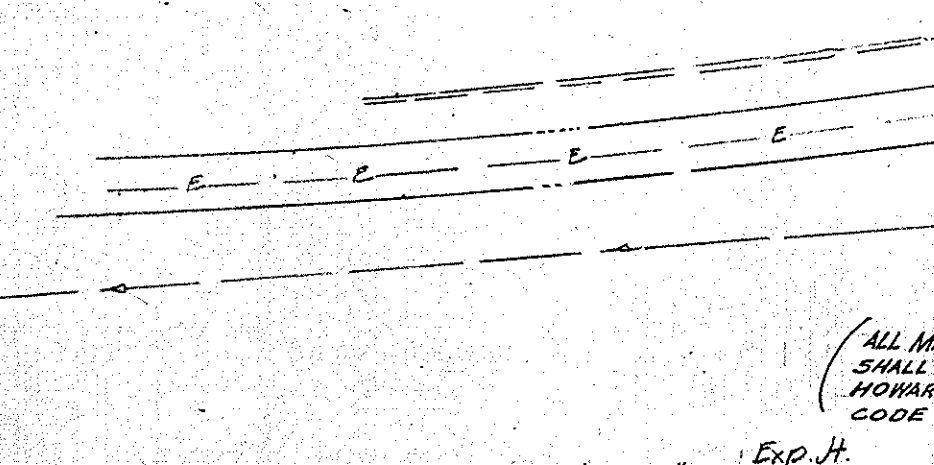
1. Base to be primed in accordance with Section C-30.3
2. Top Coat Section C-31.4
Paving to be constructed in accordance with Howard County Road Construction Code & Standard Specifications.

INLET SCHEDULE

No	Type	Ac. C.	L ₁₀	Q	Inlet	Out	100' Gro	Remarks
I-2	5" Comb	0.50	0.20	0.40	2.90	403.50	406.40 ±	
I-1	5" Comb	0.28	0.00	0.40	1.44	401.43	403.40 ±	

FLOW TABULATION

Location	From To	Area	Acres	C	L ₁₀	Q	Time Min	Remarks
I-2	I-1	A	0.50	0.50	0.45	0.45	3.0	6.44 2.90
I-1	D	B	0.28	0.28	0.30	0.22	0.22	0.44 1.44
I-1	Str.	A1B	0.78	0.78	0.67	1.0	0.0	0.20 4.15
Head	C	0.31	0.31	0.20	0.19	0.12	0.0	6.44 1.22
Outlet	D	0.80	0.80	0.20	0.20	0.20	2.0	1.70 2.23



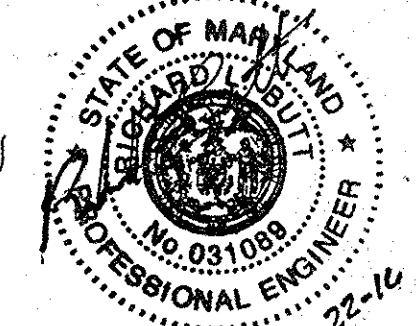
SEDIMENT CONTROL NOTES

- The Contractor shall notify the Howard County Conservation District at least 24 hours prior to beginning any construction shown on this drawing (Telephone 485-3180)
- Sediment control measures must be installed prior to grading operations
- Sediment control measures shown on Plan are not to be removed except with permission of the Soil Conservation District
- All areas disturbed by grading or Contractor operations, not being paved shall be topsoiled, seeded and mulched immediately following earthwork operations in accordance with the following:
 - Place 3" compacted layer of topsoil to finish grade.
 - Spread pulverized dolomitic Limestone at the rate of 1 Ton/Ac.
 - Spread 10-10-10 Commercial grade fert. at rate of 1000#/Ac and immediately disk into topsoil to depth of 3".
 - Seed prepared areas at the rate of 100#/Ac Kentucky 31 fescue and 20#/Ac Annual Ryegrass.
 - Mulch all areas after seeding with unweathered small grain straw or hay at rate of 1.5 Ton/Ac. Spray mulch with emulsified asphalt at rate of 0.24 gal/134.

GENERAL NOTES

- Parcels 1 & 2 shown on Subdivision Plat of Parcels C&D Town Center Section G Area 2 Plat Book 18 folio 75
- State Tax Map 15707971 Page 35 Parcel 275
- Gross Acreage of Parcel C: 2.689 Acres
- Zoned: Commercial
- Use: Auto Center and future office Building.
- Total Number of Lots One.
- Building Areas:
 - Sales 520 SF
 - Service 3200 SF
 - Storage 1280 SF
 - Toilets 104 SF
- Tire Center Areas:
 - Sales 405 SF
 - Storage 1950 SF
 - Toilet 45 SF
- Total Building Area 7520 SF
- Required Parking:
 - Sales & Service Area 4141 SF
 - Parking 1 Space/1000 SF 4141 x 5 = 20705 Spaces
- Proposed Parking: 30 Spaces

Except where otherwise noted, all construction materials and details shall be in accordance with the latest revisions of the Howard County Road Construction Code and Standard Specifications.



NOTE: NEW SEAL & SIGNATURE ARE APPLICABLE ONLY TO REVISIONS

THIS SHEET IS FOR INFORMATION PURPOSES ONLY

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.

David W. Valle Jan 31, 1973
Signature of Engineer Date

I certify that all Development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on site inspection by the Howard Soil Conservation District or their Authorized Agents, as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Stephen J. Cantwell 2-6-73
Signature of Developer Date

Reviewed for Howard S.C.D. and meets Technical Requirements.
Chad E. Nulley 5-1-73
Signature Date
U.S. Soil Conservation District

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District

APPROVED: Robert W. Ziehm 5/1/73
Howard Soil Conservation District Date

APPROVED: For Public Water and Public Sewerage Systems
Howard County Health Department

APPROVED: Howard County Office of Planning
5-8-73
Signature Date
County Health Officer

APPROVED: Howard County Office of Planning
5-8-73
Signature Date
Chief, Division of Land Development and Transportation Planning

APPROVED: For Public Water, Public Sewerage, and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
5/3/73
Signature Date
Chief, Bureau of Highways

SEE SHEET C3.00 FOR REVISIONS TO SDP# 73-51

LEGEND

- Existing Contour 321, 322
- Finish Contour 325
- Storm Drainage Flow
- Existing Curb
- Typical 10 x 20 Parking Stall

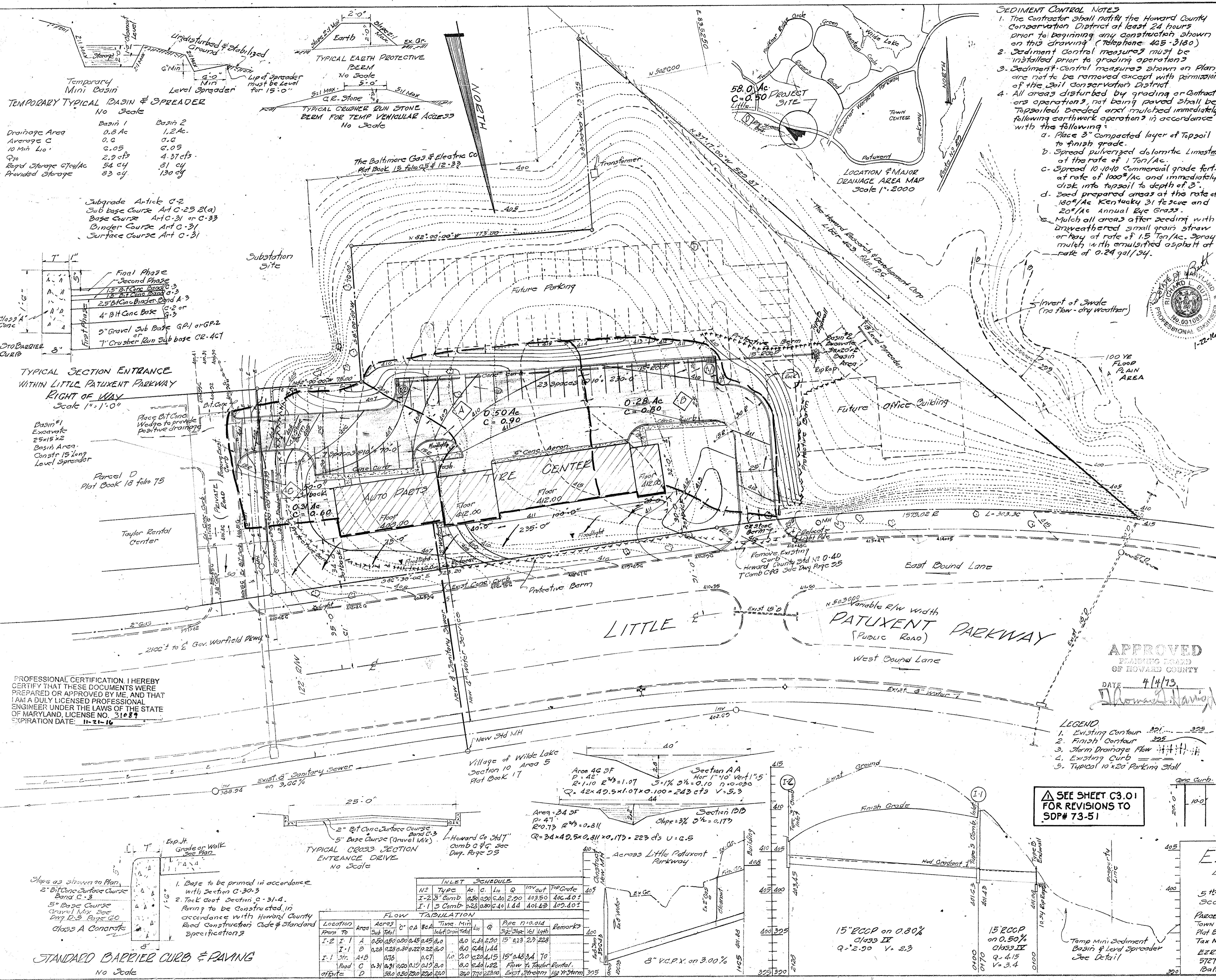
APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE 4/1/73
Thomas A. Harney

EZZRINE AUTO CENTER
LITTLE PATUXENT PARKWAY
COLUMBIA MARYLAND
5th Election District - Howard County, Md
Scale 1" = 30'
January 31, 1973
REV. NO. 27.73

Parcel C - Plat of Parcel C&D Town Center Section G Area 2 Plat Book 18 folio 75
Tax Map 35 Parcel 275
EZZRINE TIRE CO.
5721 Reisterstown Rd
Balto Md 21215

David W. Valle
Professional Engineer
8715 Old Harford Rd.
Baltimore, Md. 21286

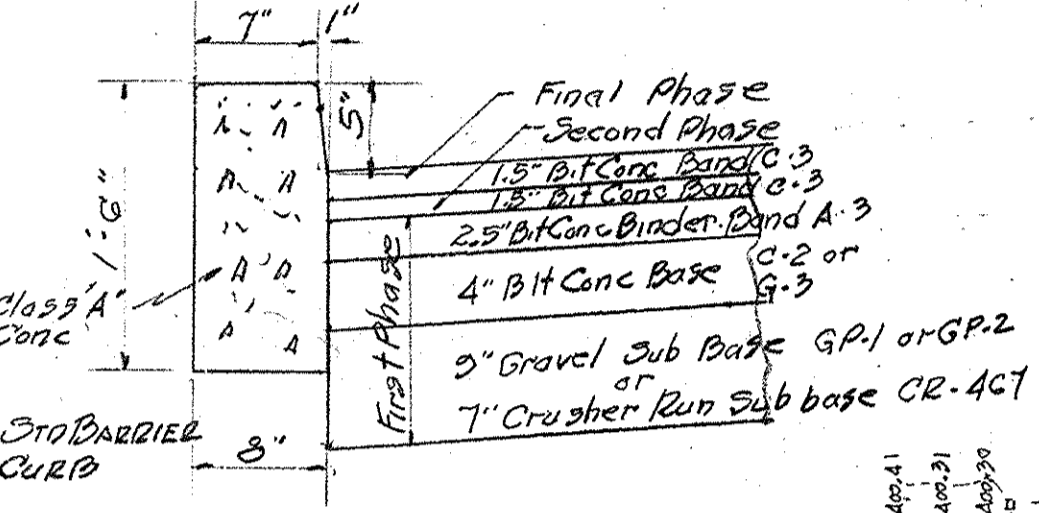
SDP 73-051
SDP 73-51C
GP-16-012



TEMPORARY TYPICAL BASIN & SPREADER
No Scale

Drainage Area	Basin 1	Basin 2
Average C	0.8 Ac	1.2 Ac
10 Min L ₁₀	0.6	0.6
C ₁₀	0.05	0.05
Peak Storage @ 100% Ac	2.9 cfs	4.37 cfs
Provided Storage	54 cu	81 cu
	83 cu	130 cu

Subgrade Article C-2
Sub base Course Art C-25 2(a)
Base Course Art C-31 or C-33
Binder Course Art C-31
Surface Course Art C-31



Basin #1 Excavate 25x15x2
Basin Area Const 15 Long
Level Spreader

Parcel D Plat Book 18 folio 75
Taylor Rental Center

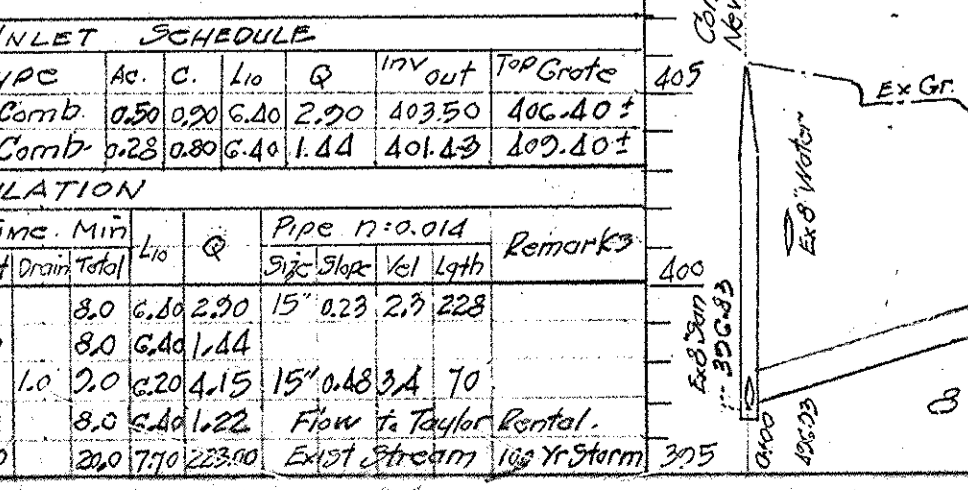
PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 31089 EXPIRATION DATE: 11-21-16

STANDARD BARRIER CURB & PAVING
No Scale

- Base to be primed in accordance with Section C-30.3
- Track Coat Section C-31.4. Paving to be constructed in accordance with Howard County Road Construction Code & Standard Specifications

INLET SCHEDULE

No	Type	Ac	C	L ₁₀	Q	Inv	Top	Grade	Remarks
I-2	I	0.50	0.20	0.05	0.15	2.00	15'	2.23	2.23
I-1	I	0.28	0.23	0.30	0.22	2.00	15'	2.23	2.23
I-1	I	0.21	0.21	0.20	0.15	2.00	15'	2.23	2.23



SEDIMENT CONTROL NOTES

- The contractor shall notify the Howard County Conservation District at least 24 hours prior to beginning any construction shown on this drawing (Telephone 425-3180)
- Sediment Control measures must be installed prior to grading operations
- Sediment Control measures shown on plan are not to be removed except with permission of the Soil Conservation District
- All areas disturbed by grading or contractor operations, not being paved shall be topsoiled, seeded and mulched immediately following earthwork operations in accordance with the following:
 - Place 3" compacted layer of Topsoil to finish grade.
 - Spread pulverized dolomitic Limestone at the rate of 1 Ton/Ac.
 - Spread 10-10-10 Commercial grade fert. at rate of 1000#/Ac and immediately disk into topsoil to depth of 3".
 - Seed prepared areas at the rate of 180#/Ac Kentucky 31 fescue and 20#/Ac Annual Rye Grass.
 - Mulch all areas after seeding with unweathered small grain straw or hay at rate of 1.5 Ton/Ac. Spray mulch with emulsified asphalt at rate of 0.24 gal/34.

GENERAL NOTES

- Parcel C' shown on Subdivision Plat of Parcel C' D' Town Center Section G Area 2 Plat Book 18 folio 75
- State Tax Map 1970-1971, Page 35 Parcel 275
- Gross Acreage of Parcel C': 2.689± Acres
- Zoned: Commercial
- Use: Auto Center and future office Building.
- Total Number of Lots One.
- Building Area:
 - Sales 530 SF
 - Service 3200 SF
 - Storage 1280 SF
 - Toilets 104 SF
- Tire Center Areas:
 - Sales 405 SF
 - Storage 1950 SF
 - Toilet 45 SF
- Total Building Area 7520 SF
- Required Parking:
 - Sales & Service Area 411 SF
 - Parking 1 Space/1000 SF 411 x 5 = 2055 Spaces
- Proposed Parking 30 Spaces

Except where otherwise noted, all construction materials and details shall be in accordance with the latest revisions of the Howard County Road Construction Code and Standard Specifications.

NOTE:
NEW SEAL & SIGNATURE ARE APPLICABLE ONLY TO REVISIONS

THIS SHEET IS FOR INFORMATION PURPOSES ONLY

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.

James W. Valle
Signature of Engineer

Jan 31, 1973
Date

I certify that all Development and/or Construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their Authorized Agents, as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Robert W. Quinn
Signature of Developer

2-6-73
Date

Reviewed for **Howard** Name
and meets Technical Requirements.

Charles E. Nally
Signature

5-1-73
Date

U.S. Soil Conservation District

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District

APPROVED: *Robert W. Quinn*
Howard Soil Conservation District

5/1/73
Date

APPROVED: For Public Water and Public Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT

John B. Hays
County Health Officer

5-8-73
Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

James W. Valle
Planning Director

5-8-73
Date

APPROVED: For Public Water, Public Sewerage, and Storm Drainage Systems and Easements
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

William A. Altma
Chief, Bureau of Highways

5/12/73
Date

DRAINAGE AREA MAP

EZZINE AUTO CENTER
LITTLE PATUXENT PARKWAY
COLUMBIA MARYLAND

5th Election District
Scale 1"=30'

Howard County, Md
January 31, 1973
Rev No 27, 73

Parcel C' Plat of Parcel C' D' Town Center Section G Area 2 Plat Book 18 folio 75 Tax Map 35 Parcel 275

EZZINE TIRE Co
5721 Reisterstown Rd
Baltimore Md 21215

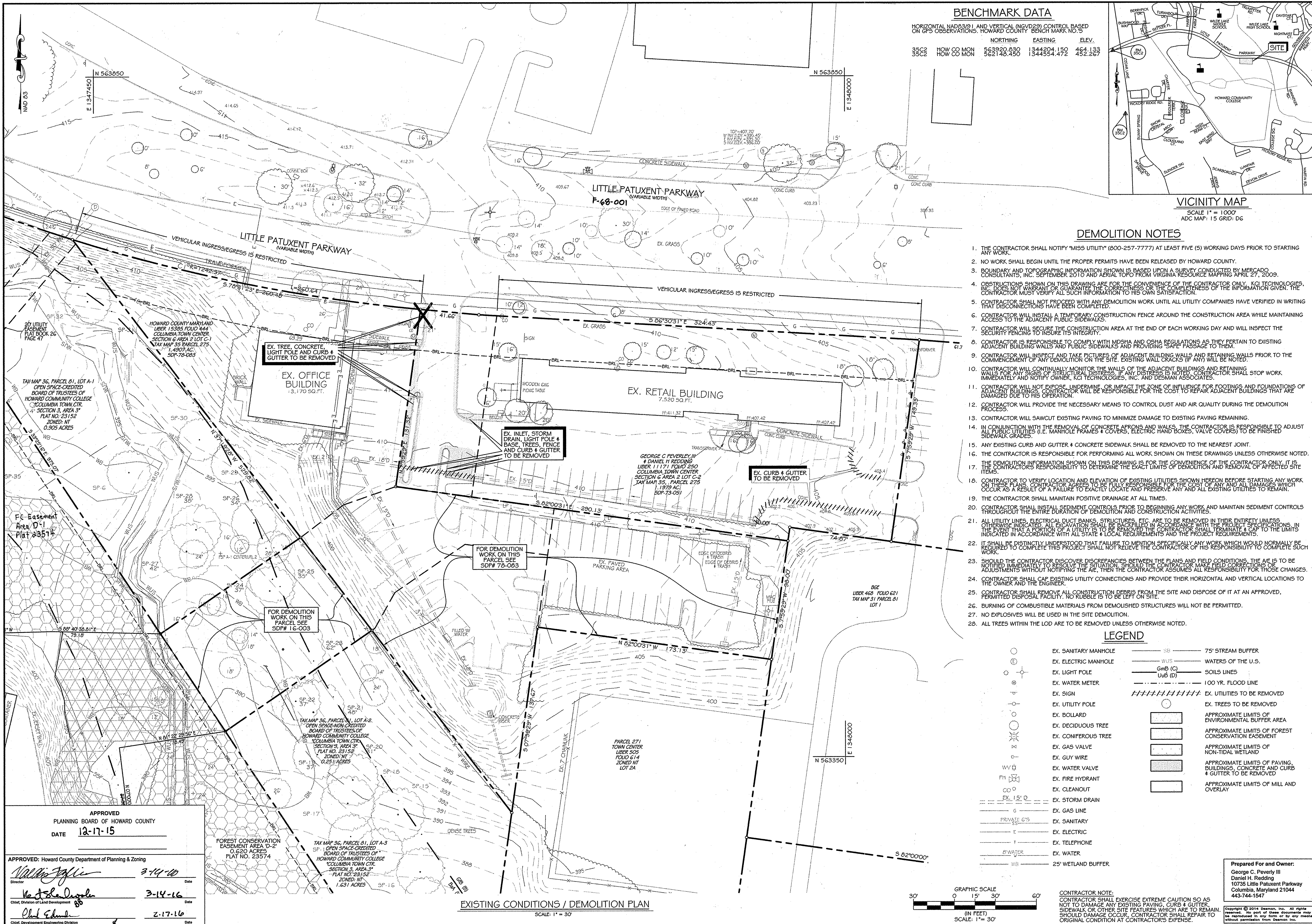
SEE SHEET C3.01 FOR REVISIONS TO SDP# 73-51

15" RCCP on 0.80% Class II Q=2.00 V=2.3

15" RCCP on 0.50% Class II Q=4.15 V=3.4

Temp Mini Sediment Basin & Level Spreader See Detail

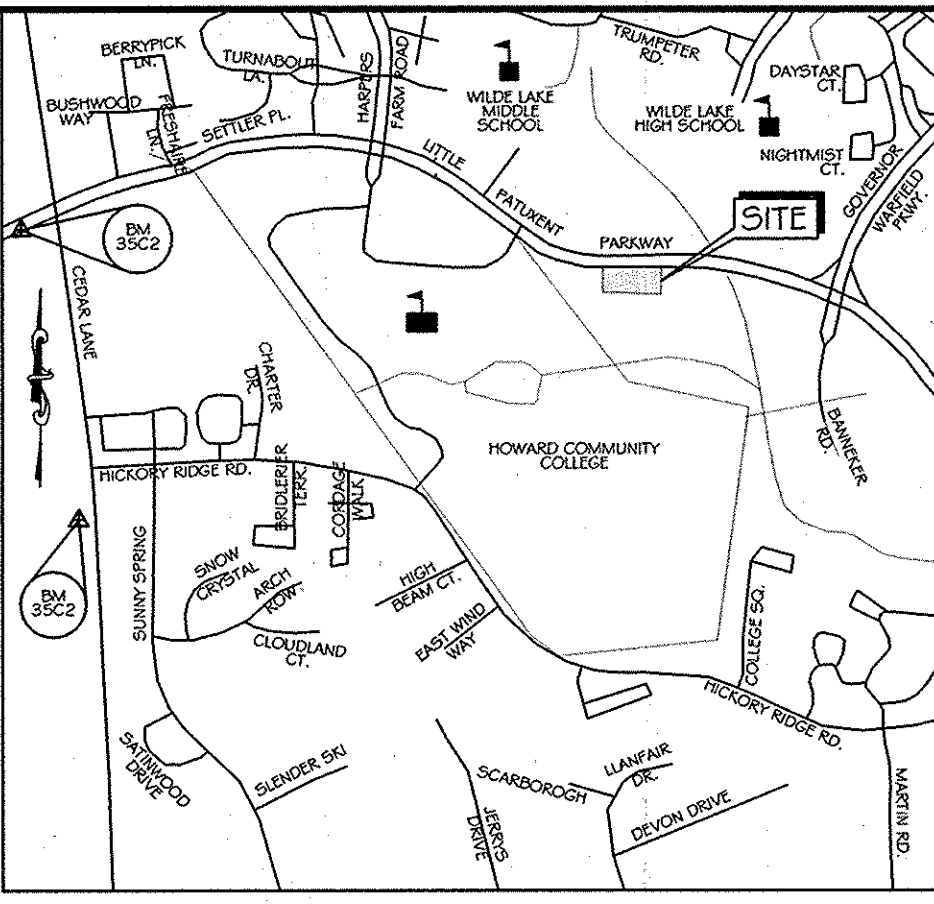
SDP 73-05104-15-31C GP-16-012



BENCHMARK DATA

HORIZONTAL NAD83(91) AND VERTICAL (NGVD29) CONTROL BASED ON GPS OBSERVATIONS. HOWARD COUNTY BENCH MARK NO. 5

	NORTHING	EASTING	ELEV.
35C2 HOW CO MON	563920.830	1344204.150	464.133
35C2 HOW CO MON	562148.450	1344554.472	452.267



VICINITY MAP
SCALE 1" = 100'
ADC MAP: 15 GRID: DG

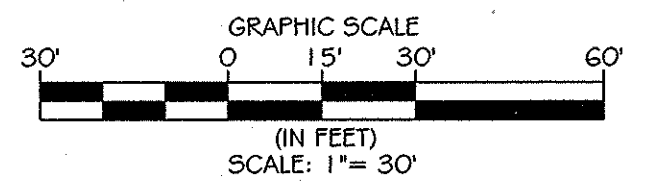
DEMOLITION NOTES

1. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" (800-257-7777) AT LEAST FIVE (5) WORKING DAYS PRIOR TO STARTING ANY WORK.
2. NO WORK SHALL BEGIN UNTIL THE PROPER PERMITS HAVE BEEN RELEASED BY HOWARD COUNTY.
3. BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN IS BASED UPON A SURVEY CONDUCTED BY MERCADO CONSULTANTS, INC. SEPTEMBER 2010 AND AERIAL TOPO FROM VIRGINIA RESOURCE MAPPING APRIL 27, 2009.
4. OBSTRUCTIONS SHOWN ON THIS DRAWING ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. KCI TECHNOLOGIES, INC. DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.
5. CONTRACTOR SHALL NOT PROCEED WITH ANY DEMOLITION WORK UNTIL ALL UTILITY COMPANIES HAVE VERIFIED IN WRITING THAT DISCREPANCIES HAVE BEEN COMPLETED.
6. CONTRACTOR WILL INSTALL A TEMPORARY CONSTRUCTION FENCE AROUND THE CONSTRUCTION AREA WHILE MAINTAINING ACCESS TO THE ADJACENT PUBLIC SIDEWALKS.
7. CONTRACTOR WILL SECURE THE CONSTRUCTION AREA AT THE END OF EACH WORKING DAY AND WILL INSPECT THE SECURITY FENCING TO INSURE ITS INTEGRITY.
8. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH MDSA AND OSHA REGULATIONS AS THEY PERTAIN TO EXISTING ADJACENT BUILDINGS WALLS AND PUBLIC SIDEWALKS AND PROVIDING SAFE PASSAGE TO THEM.
9. CONTRACTOR WILL INSPECT AND TAKE PICTURES OF ADJACENT BUILDING WALLS AND RETAINING WALLS PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION ON THE SITE. EXISTING WALL CRACKS (IF ANY) WILL BE NOTED.
10. CONTRACTOR WILL CONTINUALLY MONITOR THE WALLS OF THE ADJACENT BUILDINGS AND RETAINING WALLS FOR ANY SIGNS OF STRUCTURAL DISTRESS. IF ANY DISTRESS IS NOTED, CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY OWNER, KCI TECHNOLOGIES, INC. AND DESMAN ASSOCIATES.
11. CONTRACTOR WILL NOT EXPOSE UNDERMINING OR IMPACT THE ZONE OF INFLUENCE FOR FOOTINGS AND FOUNDATIONS OF ADJACENT BUILDINGS. CONTRACTOR WILL BE RESPONSIBLE FOR THE COST TO REPAIR ADJACENT BUILDINGS THAT ARE DAMAGED DUE TO HIS OPERATION.
12. CONTRACTOR WILL PROVIDE THE NECESSARY MEANS TO CONTROL DUST AND AIR QUALITY DURING THE DEMOLITION PROCESS.
13. CONTRACTOR WILL SAWCUT EXISTING PAVING TO MINIMIZE DAMAGE TO EXISTING PAVING REMAINING.
14. IN CONJUNCTION WITH THE REMOVAL OF CONCRETE APRONS AND WALLS, THE CONTRACTOR IS RESPONSIBLE TO ADJUST ALL PUBLIC SIDEWALKS (I.E. MANHOLE FRAMES & COVERS, ELECTRIC HAND BOXES, VALVE COVERS) TO BE FINISHED SIDEWALK GRADES.
15. ANY EXISTING CURB AND GUTTER & CONCRETE SIDEWALK SHALL BE REMOVED TO THE NEAREST JOINT.
16. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL WORK SHOWN ON THESE DRAWINGS UNLESS OTHERWISE NOTED.
17. THE DEMOLITION INFORMATION SHOWN ON THIS DRAWING IS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LIMITS OF DEMOLITION AND REMOVAL OF AFFECTED SITE ITEMS.
18. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES SHOWN HEREON BEFORE STARTING ANY WORK ON THESE PLANS. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR THE COST OF ANY AND ALL DAMAGES WHICH OCCUR AS A RESULT OF A FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES TO REMAIN.
19. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.
20. CONTRACTOR SHALL INSTALL SEDIMENT CONTROLS PRIOR TO BEGINNING ANY WORK AND MAINTAIN SEDIMENT CONTROLS THROUGHOUT THE ENTIRE DURATION OF DEMOLITION AND CONSTRUCTION ACTIVITIES.
21. ALL UTILITY LINES, ELECTRICAL DUCT BANKS, STRUCTURES, ETC. ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE INDICATED. ALL EXCAVATION SHALL BE BACKFILLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. IN THE EVENT THAT A PORTION OF A UTILITY IS TO BE REMOVED, THE CONTRACTOR SHALL TERMINATE IT TO THE LIMITS INDICATED IN ACCORDANCE WITH ALL STATE & LOCAL REQUIREMENTS AND THE PROJECT REQUIREMENTS.
22. IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THIS PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO COMPLETE SUCH WORK.
23. SHOULD THE CONTRACTOR DISCOVER DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS, THE AVE IS TO BE NOTICED IMMEDIATELY. RESOLVE THE SITUATION, SHOULD THE CONTRACTOR MAKE FIELD CORRECTIONS OR ADJUSTMENTS WITHOUT NOTIFYING THE AVE, THEN THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR THOSE CHANGES.
24. CONTRACTOR SHALL CAP EXISTING UTILITY CONNECTIONS AND PROVIDE THEIR HORIZONTAL AND VERTICAL LOCATIONS TO THE OWNER AND THE ENGINEER.
25. CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM THE SITE AND DISPOSE OF IT AT AN APPROVED, LICENSED DISPOSAL FACILITY. NO RUBBLE IS TO BE LEFT ON SITE.
26. BURNING OF COMBUSTIBLE MATERIALS FROM DEMOLISHED STRUCTURES WILL NOT BE PERMITTED.
27. NO EXPLOSIVES WILL BE USED IN THE SITE DEMOLITION.
28. ALL TREES WITHIN THE LOD ARE TO BE REMOVED UNLESS OTHERWISE NOTED.

LEGEND

	EX. SANITARY MANHOLE		75' STREAM BUFFER
	EX. ELECTRIC MANHOLE		WATERS OF THE U.S.
	EX. LIGHT POLE		SOILS LINES
	EX. WATER METER		100 YR. FLOOD LINE
	EX. SIGN		EX. UTILITIES TO BE REMOVED
	EX. UTILITY POLE		EX. TREES TO BE REMOVED
	EX. BOLLARD		APPROXIMATE LIMITS OF ENVIRONMENTAL BUFFER AREA
	EX. DECIDUOUS TREE		APPROXIMATE LIMITS OF FOREST CONSERVATION EASEMENT
	EX. GAS VALVE		APPROXIMATE LIMITS OF NON-TIDAL WETLAND
	EX. GUY WIRE		APPROXIMATE LIMITS OF PAVING, BUILDINGS, CONCRETE AND CURB & GUTTER TO BE REMOVED
	EX. WATER VALVE		APPROXIMATE LIMITS OF MILL AND OVERLAY
	EX. FIRE HYDRANT		
	EX. CLEANOUT		
	EX. STORM DRAIN		
	EX. GAS LINE		
	EX. SANITARY		
	EX. ELECTRIC		
	EX. TELEPHONE		
	EX. WATER		
	25' WETLAND BUFFER		

CONTRACTOR NOTE:
CONTRACTOR SHALL EXERCISE EXTREME CAUTION SO AS NOT TO DAMAGE ANY EXISTING PAVING, CURB & GUTTER, SIDEWALK OR OTHER SITE FEATURES WHICH ARE TO REMAIN. SHOULD DAMAGE OCCUR, CONTRACTOR SHALL REPAIR TO ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.



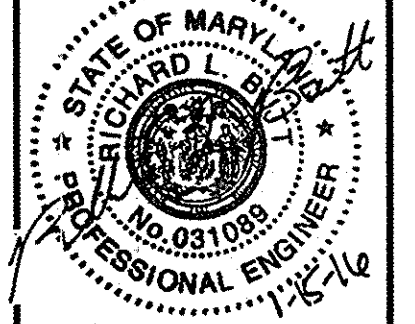
Prepared For and Owner:
George C. Peveley III
Daniel H. Redding
10735 Little Patuxent Parkway
Columbia, Maryland 21044
443-744-1547

DESMAN ASSOCIATES

KCI TECHNOLOGIES
Business Planner
Schematic Construction Manager

**LITTLE PATUXENT PARKWAY
EZRINE AUTO CENTER**
COLUMBIA, MD
PARCEL: 275. TAX MAP: 35. GRID: 6
PLAT: PLAT BOOK 26/FOLIO 47
TOWN CENTER: 6/2. ZONING: NT
ELECTION DISTRICT: 5

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. 31089, EXPIRATION DATE: 11/21/16



ISSUE

NO.	DESCRIPTION	DATE

DRAWING TITLE:
EXISTING CONDITIONS / DEMOLITION PLAN

DRAWING NO.: **C2.00**
SHEET: 4 OF 13
SCALE: 1" = 30'
DATE: JANUARY 8, 2015
PROJECT NO.: 27146550
DES. DRWN. CK'D.
R.L.B. C.T.B. R.L.B.

APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE: 12-17-15

APPROVED: Howard County Department of Planning & Zoning

Walter J. J. [Signature] 3-14-10 Date

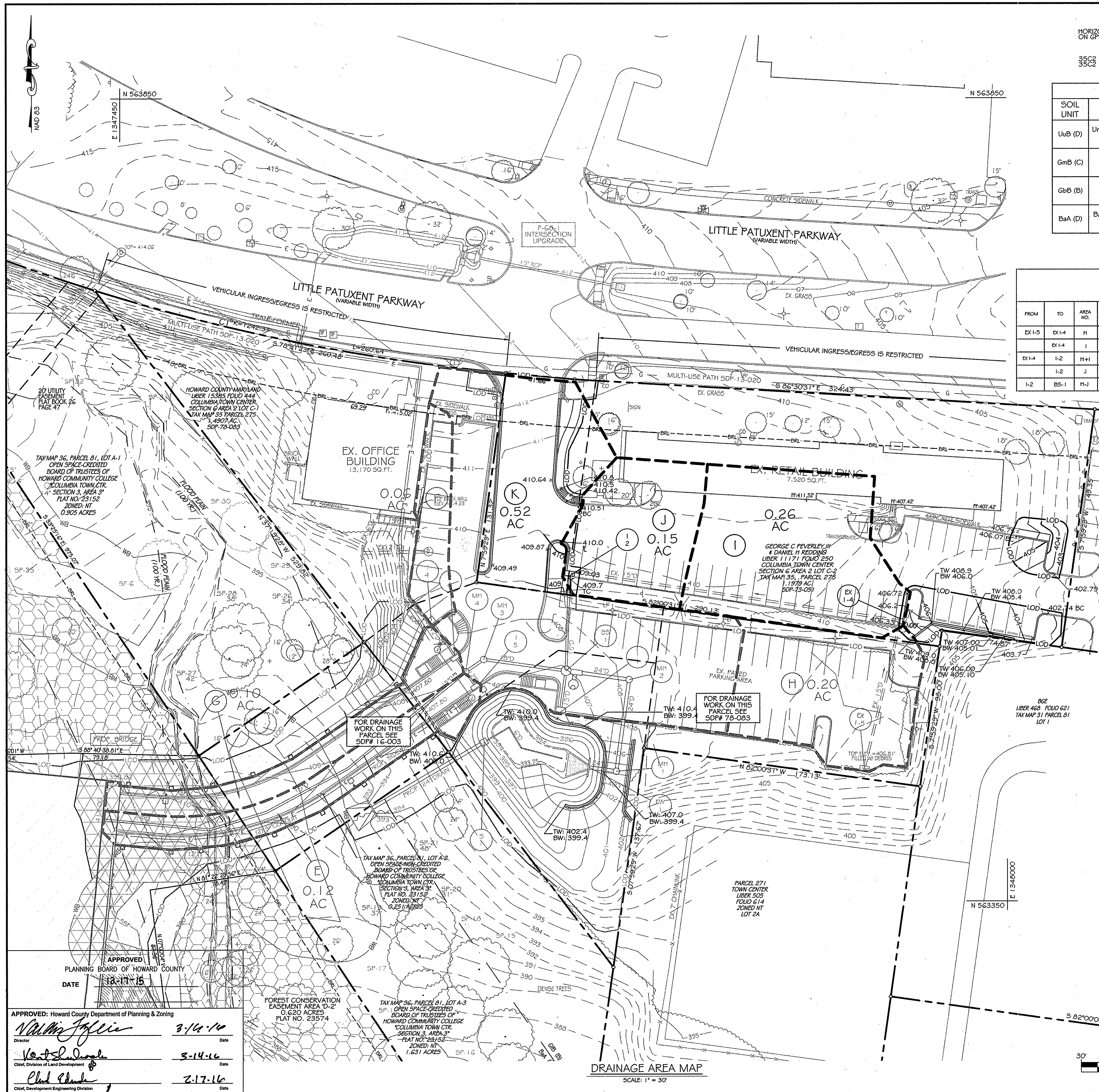
Walter J. J. [Signature] 3-14-16 Date

Olaf Schmitt 2-17-16 Date

FOREST CONSERVATION EASEMENT AREA D-2
0.620 ACRES
PLAT NO. 23574

TAX MAP 36, PARCEL 91, LOT A-3
OPEN SPACE-CREDITED BOARD OF TRUSTEES OF HOWARD COMMUNITY COLLEGE
COLUMBIA TOWN CTR. SECTION 3, AREA 3*
PLAT NO. 23152
ZONED: NT
1.631 ACRES

EXISTING CONDITIONS / DEMOLITION PLAN
SCALE: 1" = 30'



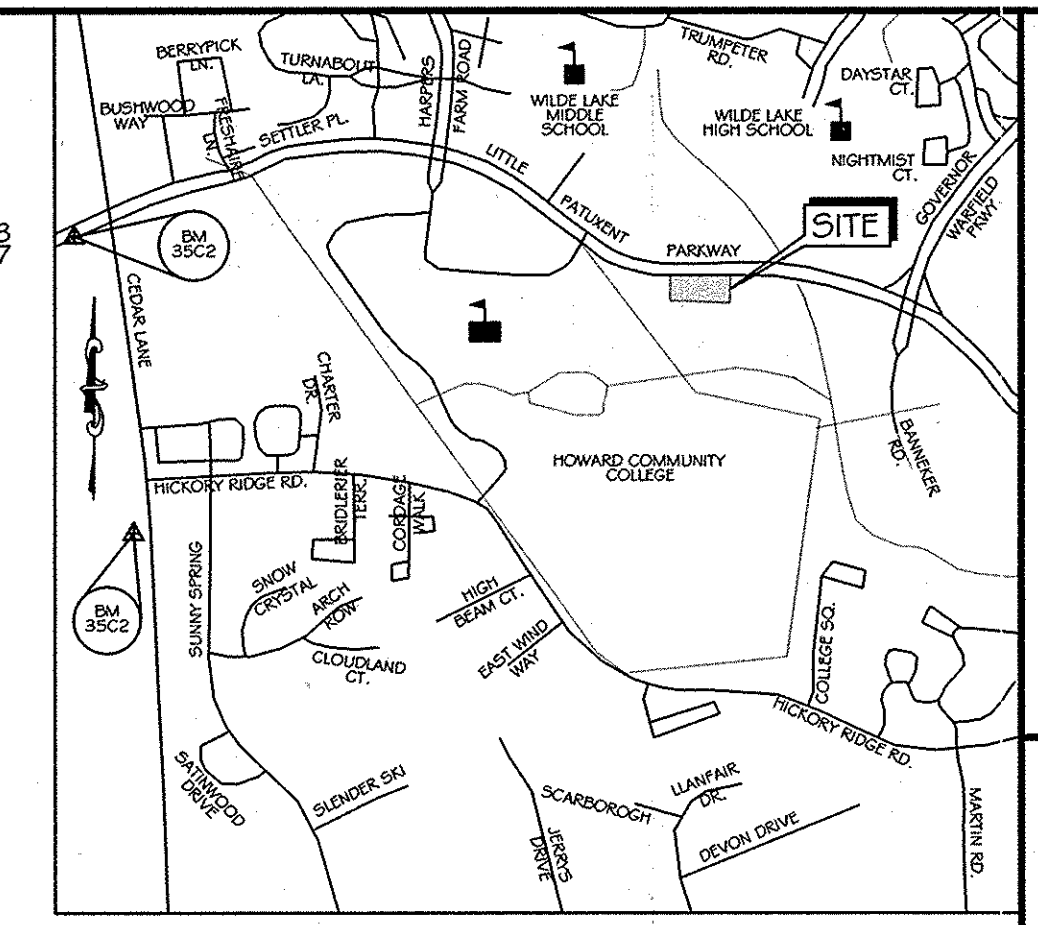
BENCHMARK DATA

HORIZONTAL NAD83/91 AND VERTICAL (NGVD29) CONTROL BASED ON GPS OBSERVATIONS. HOWARD COUNTY BENCHMARK NO.'S

	NORTHING	EASTING	ELEV.
35C2	HOW CO MON 563920.830	1344204.150	464.133
35C2	HOW CO MON 562148.450	1344554.472	452.267

SOILS TABLE

SOIL UNIT	SOIL UNIT NAME	HYDROLOGIC SOIL GROUP
UuB (D)	Urban land-Udorthents complex, 0 to 8 percent slopes	D
GmB (C)	Glenville Silt Loam, 3 to 8 percent slopes	C
GbB (B)	Glandstone Loam, 3 to 8 percent slopes	B
BaA (D)	Bale Silt Loam, 0 to 3 percent slopes	D



VICINITY MAP
SCALE: 1" = 1000'
ADC MAP: 15 GRID: DG

STORM DRAIN DESIGN DATA
10 YEAR STORM

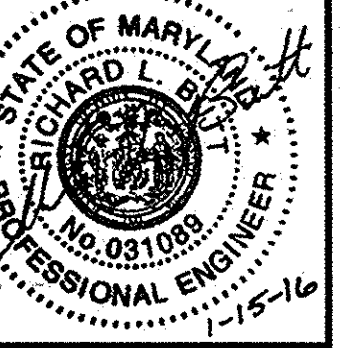
FROM	TO	AREA NO.	AREA (ACRES)	TOTAL AREA (ACRES)	TOTAL COEF. C	CA	SUM CA	TC (MIN.)	RAINFALL INTENSITY (IN./HR.)	Q (CFS)	SIZE (IN.)	TYPE	N	S ₀ SLOPE (%)	L LENGTH (FT.)	V ₀ VOLUME (FT. ³ SEC.)	TIME IN PIPE (MIN.)	REMARKS	
EX I-5	EX I-4	H	0.20	0.05	0.17	0.20	5.00	9.76	8.50	1.66	EX 15"	RCP	0.014	0.08%	95.0'	1.33	1.2	SUMP 25 YR	
EX I-4	I-1	I	0.26	0.05	0.22	0.25	5.00	9.76	8.50	2.15									SUMP 25 YR
EX I-4	I-2	H+I	0.46	0.45	0.45	0.45	6.20	8.10	3.65	EX 15"	RCP	0.014	0.37%	208.0'	3.00	0.6		SUMP 25 YR	
I-2	BS-1	H-J	0.61	0.60	0.60	0.60	6.80	7.60	4.61	EX 15"	RCP	0.014	0.60%	60.6'	3.70	0.3			

DESMAN ASSOCIATES

KCI TECHNOLOGIES

**LITTLE PATUXENT PARKWAY
EZRINE AUTO CENTER
COLUMBIA, MD**

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. 31069, EXPIRATION DATE: 11/21/16



ISSUE

NO.	DESCRIPTION	DATE

DRAWING TITLE:
DRAINAGE AREA MAP

DRAWING NO.:

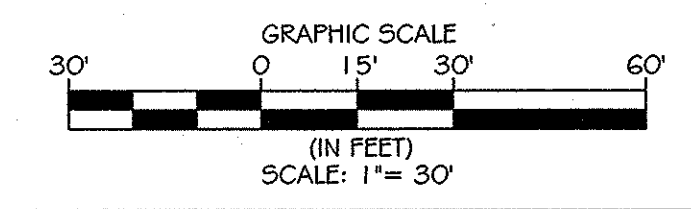
C3.01
SHEET: 6 OF 13

SCALE: 1" = 30'
DATE: JANUARY 15, 2016

PROJECT NO: 27146550
DES. DRWN. CK'D.
R.L.B. C.T.B. R.L.B.

LEGEND

- PROPERTY LINE
- 450 --- EX. INDEX CONTOUR
- 451 --- EX. INTERMEDIATE CONTOUR
- EX. LIGHT POLE
- EX. FENCE
- EX. 15" DRAIN
- EX. GAS
- EX. 6" SANITARY
- EX. ELECTRIC
- EX. TELEPHONE
- EX. CABLE TV
- EX. 8" WATER
- GbB --- SOILS LINE
- LOD --- LIMIT OF DISTURBANCE
- LOW --- LIMIT OF WORK
- 400 --- PROF. CONTOUR
- 408.00x --- PROF. SPOT ELEVATION
- e --- PROF. ELECTRIC
- g --- PROF. GAS
- 12" D --- PROF. STORM DRAIN
- 8" WATER --- PROF. WATER
- FH --- PROF. FIRE HYDRANT
- WV --- PROF. WATER VALVE
- --- PROF. MANHOLE
- C.O. --- PROF. CLEANOUT
- O.W. --- PROF. OBSERVATION WELL
- --- PROF. INLET
- APPROXIMATE LIMITS OF PROP. BUILDING
- DRAINAGE LINE



CONTRACTOR NOTE:
CONTRACTOR SHALL EXERCISE EXTREME CAUTION SO AS NOT TO DAMAGE ANY EXISTING PAVING, CURB & GUTTER, SIDEWALK OR OTHER SITE FEATURES WHICH ARE TO REMAIN. SHOULD DAMAGE OCCUR, CONTRACTOR SHALL REPAIR TO ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.

Prepared For and Owner:
George C. Peverly III
Daniel H. Redding
10735 Little Patuxent Parkway
Columbia, Maryland 21044
443-744-1547

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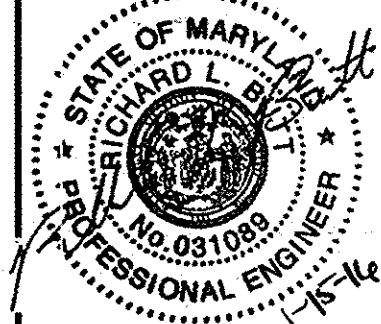
APPROVED: Howard County Department of Planning & Zoning

Nathan J. Jovic 3-16-16
Director

Ken S. L. ... 3-14-16
Chief, Division of Land Development

Chad ... 2-17-16
Chief, Development Engineering Division

DRAINAGE AREA MAP
SCALE: 1" = 30'



ISSUE

NO.	DESCRIPTION	DATE

DRAWING TITLE:

PAVING, STRIPING, SIGNAGE, AND GEOMETRY PLAN

DRAWING NO.

C4.00

SHEET: 7 OF 13

SCALE: 1" = 30'

DATE: JANUARY 15, 2016

PROJECT NO: 27146550

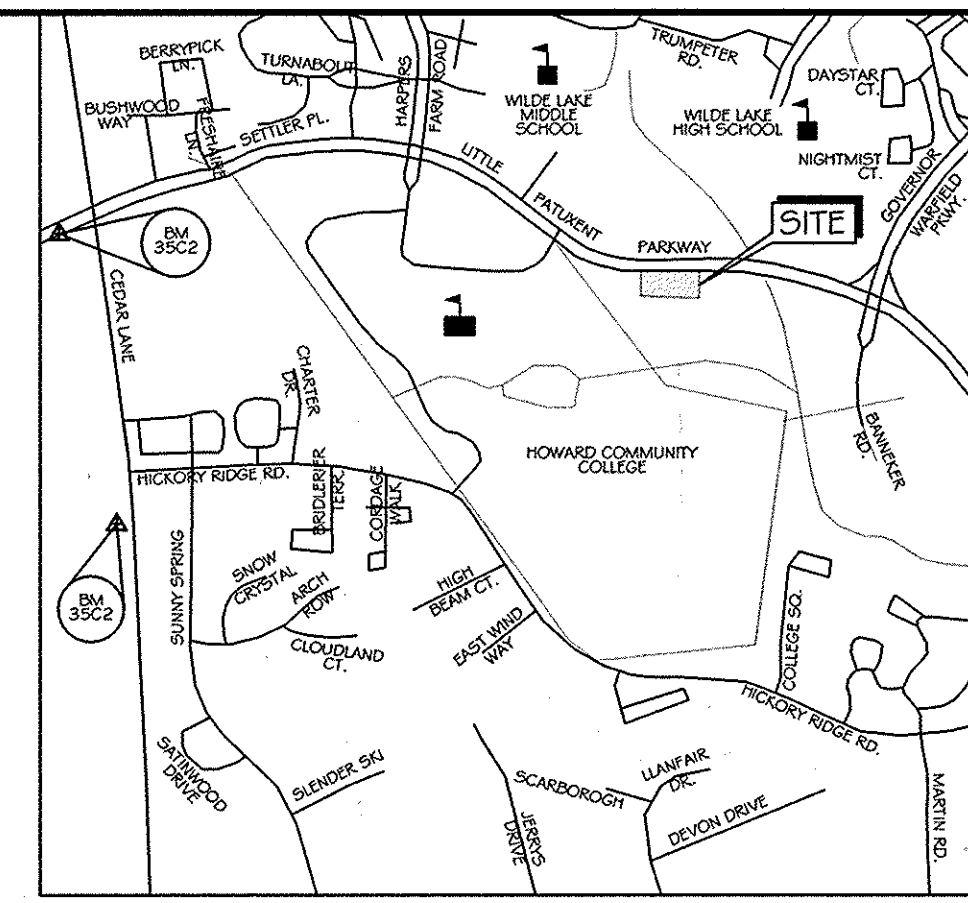
DES. DRWN. CK'D.
R.L.B. C.T.B. R.L.B.

SDP 73-051

BENCHMARK DATA

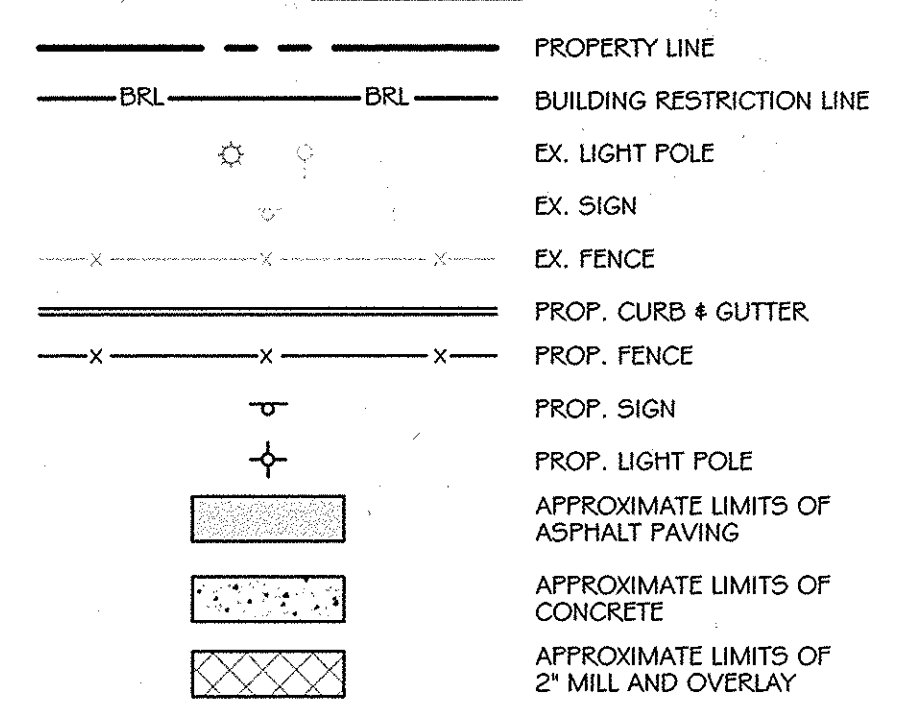
HORIZONTAL NAD83(01) AND VERTICAL (NGVD29) CONTROL BASED ON GPS OBSERVATIONS. HOWARD COUNTY BENCH MARK NO. 5

	NORTHING	EASTING	ELEV.
35C2	563920.830	1344204.150	464.133
35C2	562148.450	1344554.472	452.267



VICINITY MAP
SCALE: 1" = 1000'
ADC MAP: 15 GRID: DG

LEGEND



EXISTING PARKING CALCULATIONS:

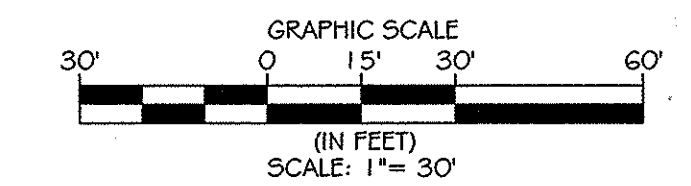
- | | |
|--|-----------------------------|
| 1. EXISTING USE: | NET LEASABLE SQUARE FOOTAGE |
| 2. REQUIRED PARKING: SQUARE FOOTAGE (PER FDP-84-A) | 51,000 SF OF NET LEASABLE |
| 3. NET LEASABLE SQUARE FOOTAGE: | 7,520 SF |
| 4. TOTAL REQUIRED SPACES: | 37.5 SPACES |
| 5. EXISTING PARKING SPACES PROVIDED: | 33 SPACES |
| 6. PROPOSED PARKING SPACES PROVIDED: | 41 SPACES |

BASELINE 'D'			BASELINE 'E'		
NO.	STATION	OFFSET	NO.	STATION	OFFSET
421	3+06.27	17.57' RT	500	0+30.42	33.58' RT
423	3+11.94	28.54' RT	502	0+35.50	12.02' RT
425	3+14.59	18.00' LT	503	0+40.44	30.04' RT
425A	3+16.93	28.96' RT	504	0+40.48	17.04' RT
426	3+26.86	30.22' RT	505	0+90.30	31.08' LT
427	3+27.46	17.57' RT	506	1+10.46	17.02' LT
428	3+32.72	25.26' RT	507	1+10.51	31.01' LT
429	3+32.67	23.45' RT	508	1+12.44	30.30' RT
430	3+56.45	33.36' RT	509	1+12.48	17.72' RT
431	3+71.45	18.00' RT	510	1+15.29	12.00' LT
437	4+35.68	18.00' RT	511	1+17.29	12.74' RT
438	4+39.85	32.45' LT	512	1+17.96	12.08' LT
439	4+50.60	32.81' RT	513	1+18.47	12.70' RT

BASELINE 'D' DATA					
NO.	STATION	NORTHING	EASTING	BEARING	LENGTH
L-8	3+06.27	563549.63	1347696.56	N 4° 11' 7" E	159.65'

BASELINE 'E' DATA					
NO.	STATION	NORTHING	EASTING	BEARING	LENGTH
L-9	0+00	563562.37	1347911.09	N 79° 45' 09" W	129.15'

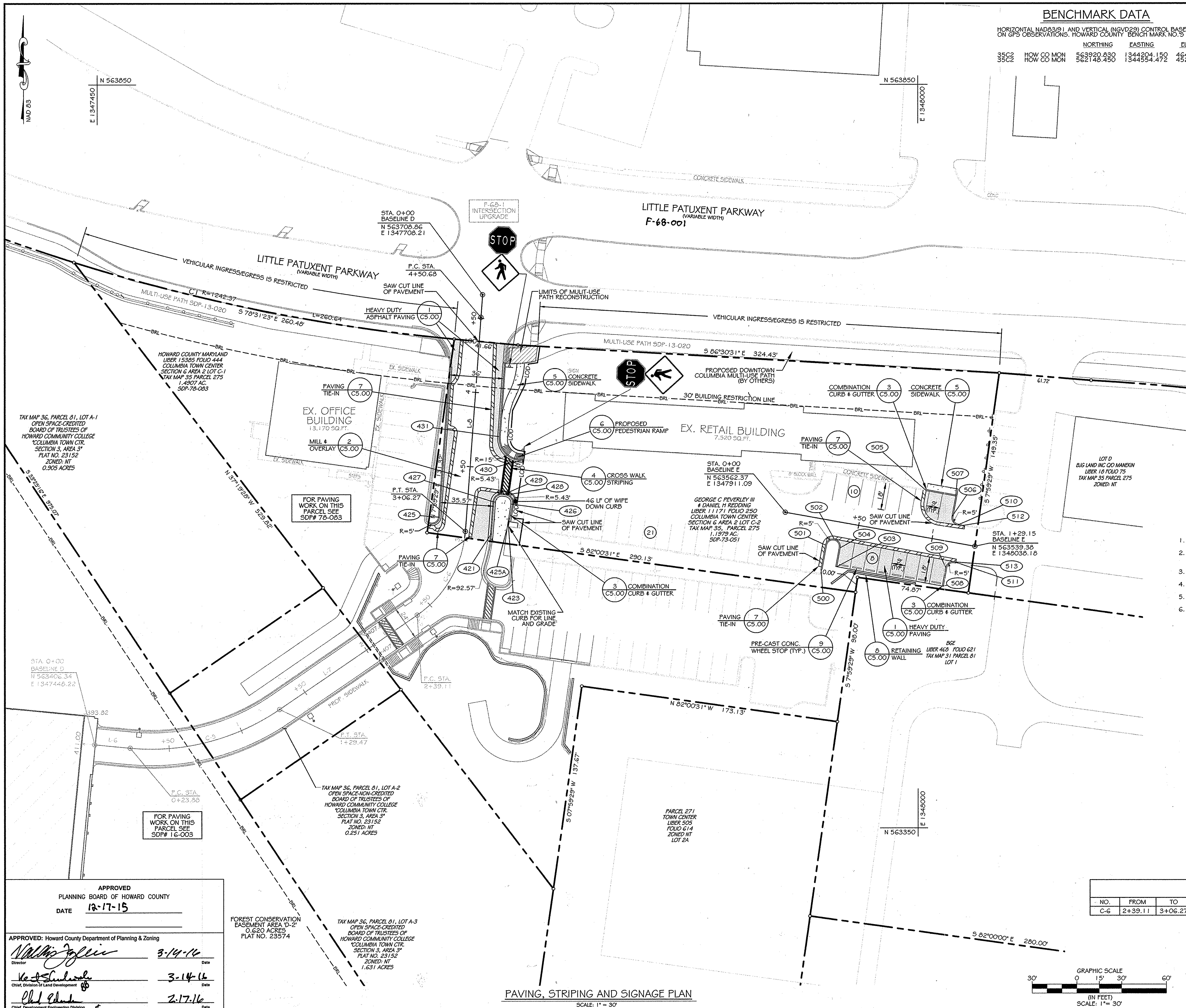
CURVE DATA							
NO.	FROM	TO	Δ	RADIUS	TANGENT	LENGTH	CHORD BEARING & LENGTH
C-6	2+39.11	3+06.27	N 38° 45' 47" E	75.07'	36.00'	67.13'	N 29° 49' 44" E 64.32'



CONTRACTOR NOTE:
CONTRACTOR SHALL EXERCISE EXTREME CAUTION SO AS NOT TO DAMAGE ANY EXISTING PAVING, CURB & GUTTER, SIDEWALK OR OTHER SITE FEATURES WHICH ARE TO REMAIN. SHOULD DAMAGE OCCUR, CONTRACTOR SHALL REPAIR TO ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.

Prepared For and Owner:
George C. Pevery III
Daniel H. Redding
10735 Little Patuxent Parkway
Columbia, Maryland 21044
443-744-1547

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PAVING, STRIPING AND SIGNAGE PLAN
SCALE: 1" = 30'

APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE: 12-17-15

APPROVED: Howard County Department of Planning & Zoning
Director: *[Signature]* 3-14-16
Chief, Division of Land Development: *[Signature]* 3-14-16
Chief, Development Engineering Division: *[Signature]* 2-17-16

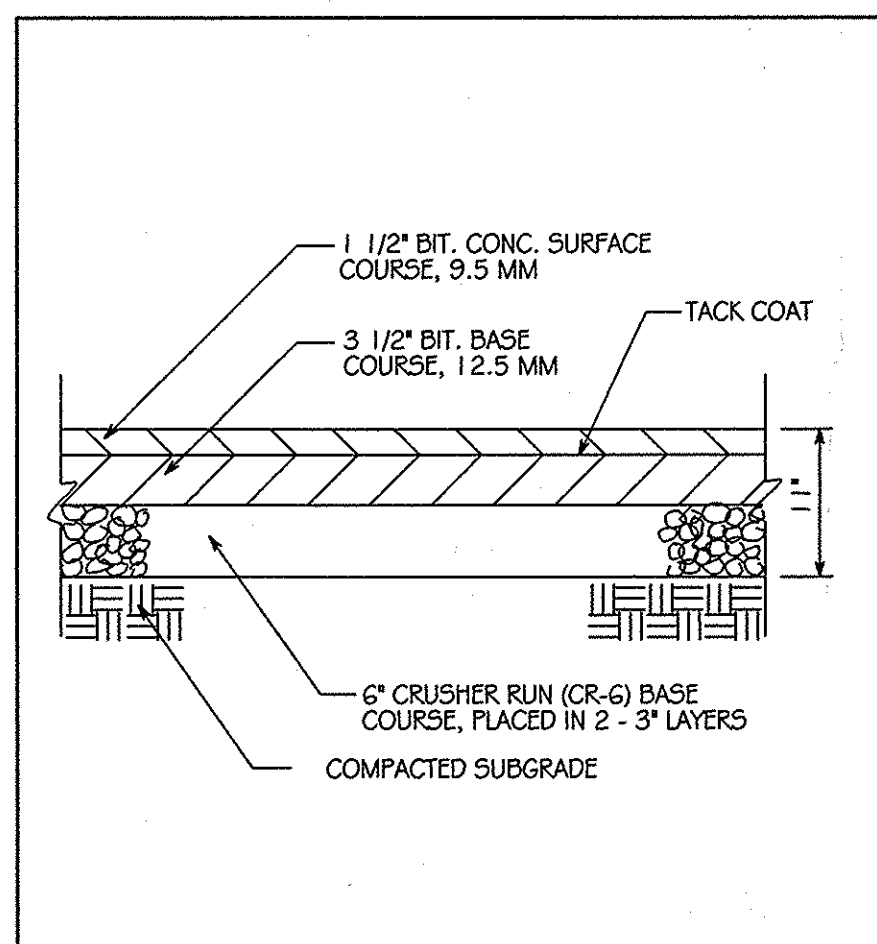
FOREST CONSERVATION EASEMENT AREA 'D-2'
0.620 ACRES
PLAT NO. 23574

TAX MAP 36, PARCEL 81, LOT A-3
OPEN SPACE-CREDITED
BOARD OF TRUSTEES OF HOWARD COMMUNITY COLLEGE
COLUMBIA TOWN CTR.
SECTION 3, AREA 3
PLAT NO. 23152
ZONED: NT
1.631 ACRES

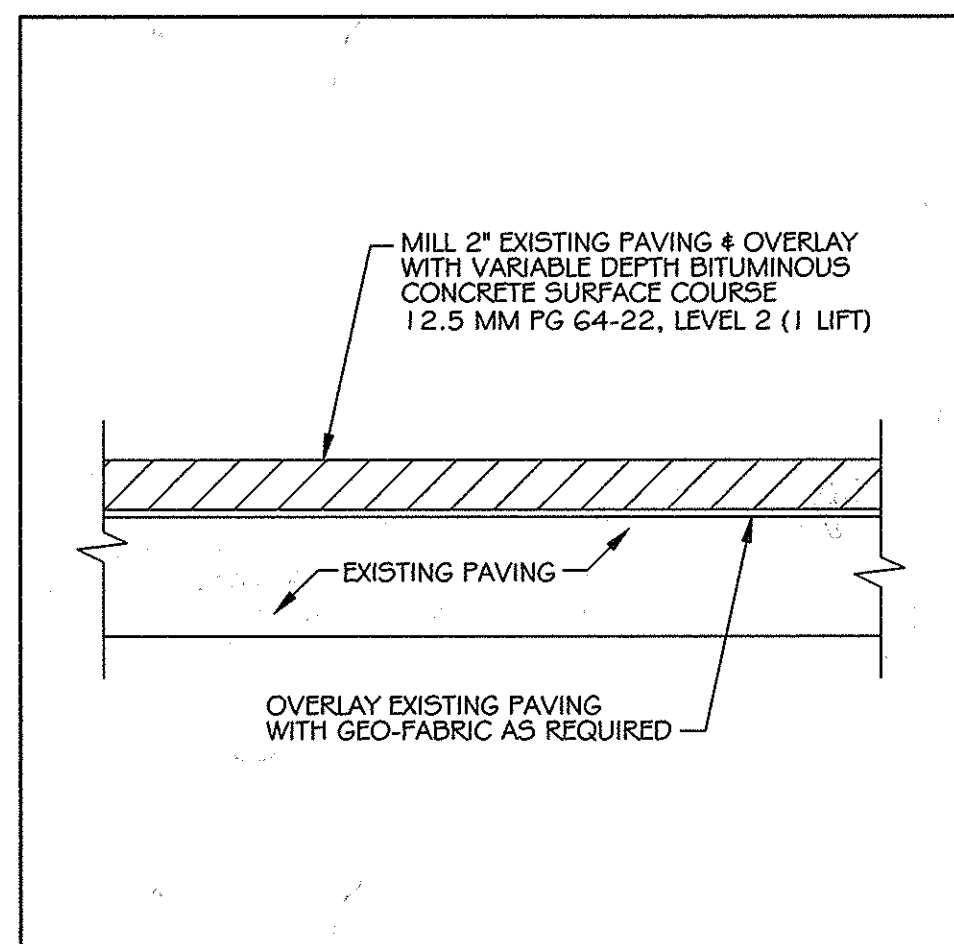
TAX MAP 36, PARCEL 81, LOT A-1
OPEN SPACE-CREDITED
BOARD OF TRUSTEES OF HOWARD COMMUNITY COLLEGE
COLUMBIA TOWN CTR.
SECTION 3, AREA 3
PLAT NO. 23152
ZONED: NT
0.905 ACRES

FOR PAVING WORK ON THIS PARCEL SEE SDP# 78-083

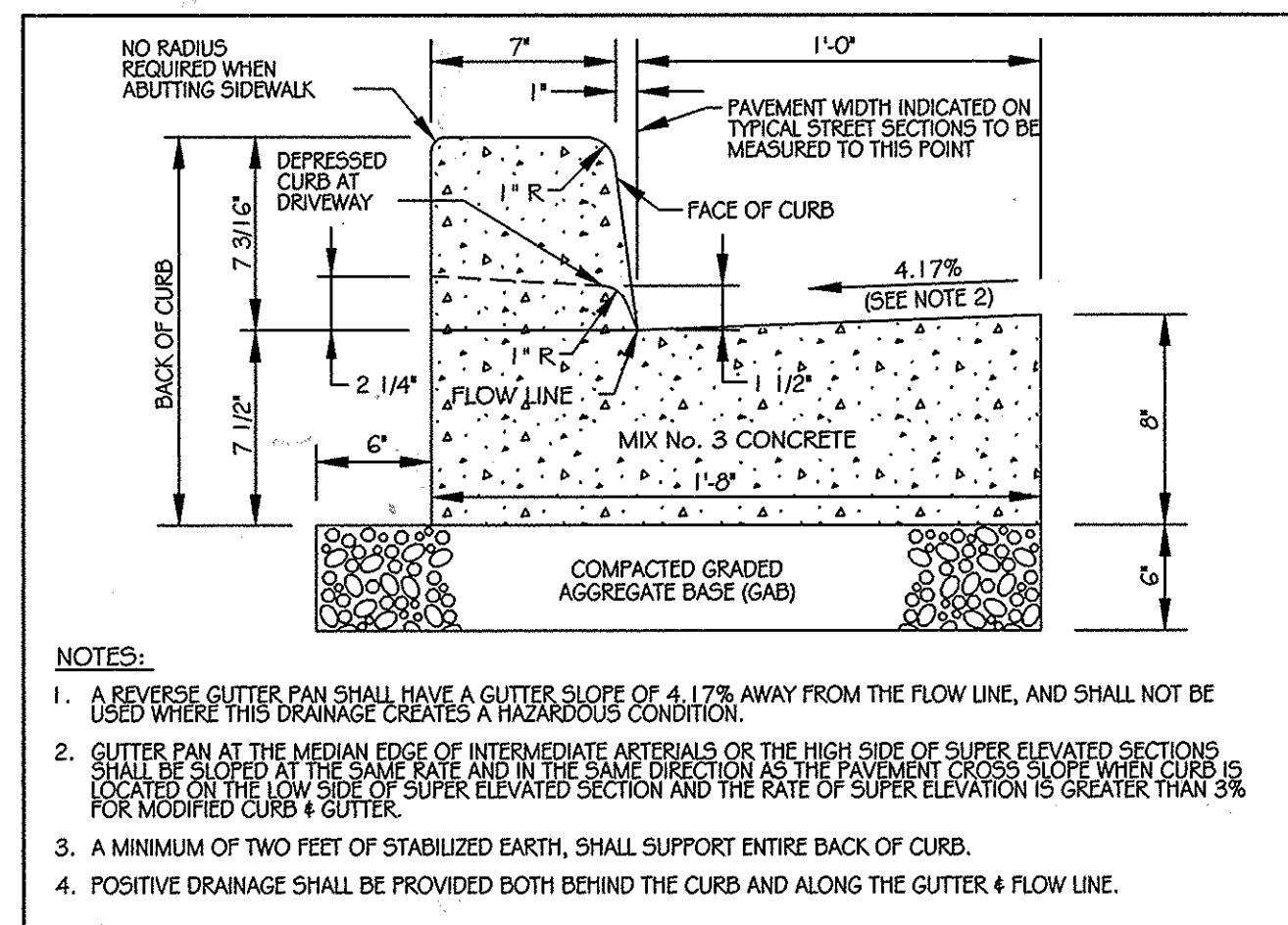
FOR PAVING WORK ON THIS PARCEL SEE SDP# 16-003



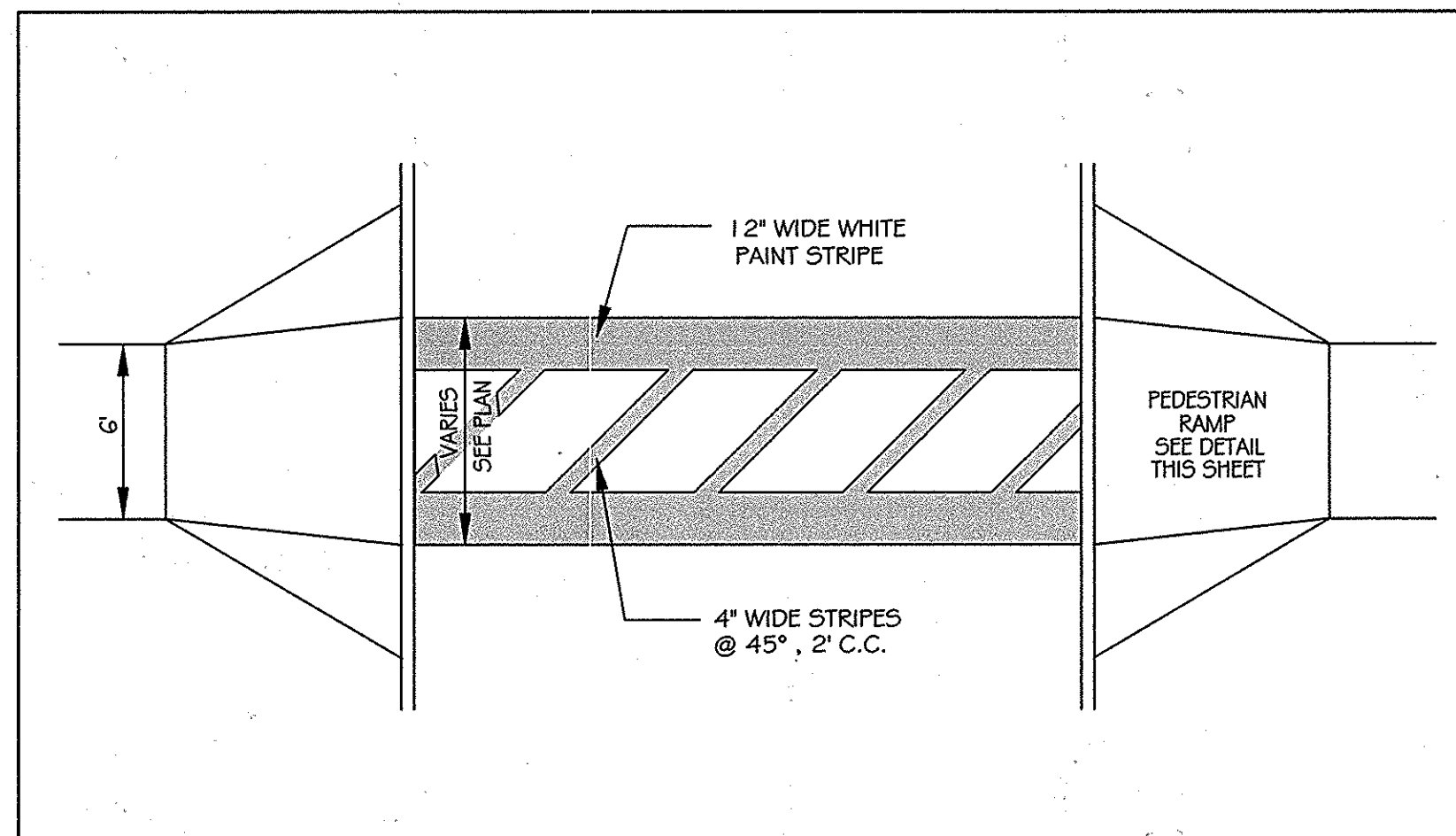
1 HEAVY DUTY ASPHALT PAVING DETAIL SCALE: N.T.S.



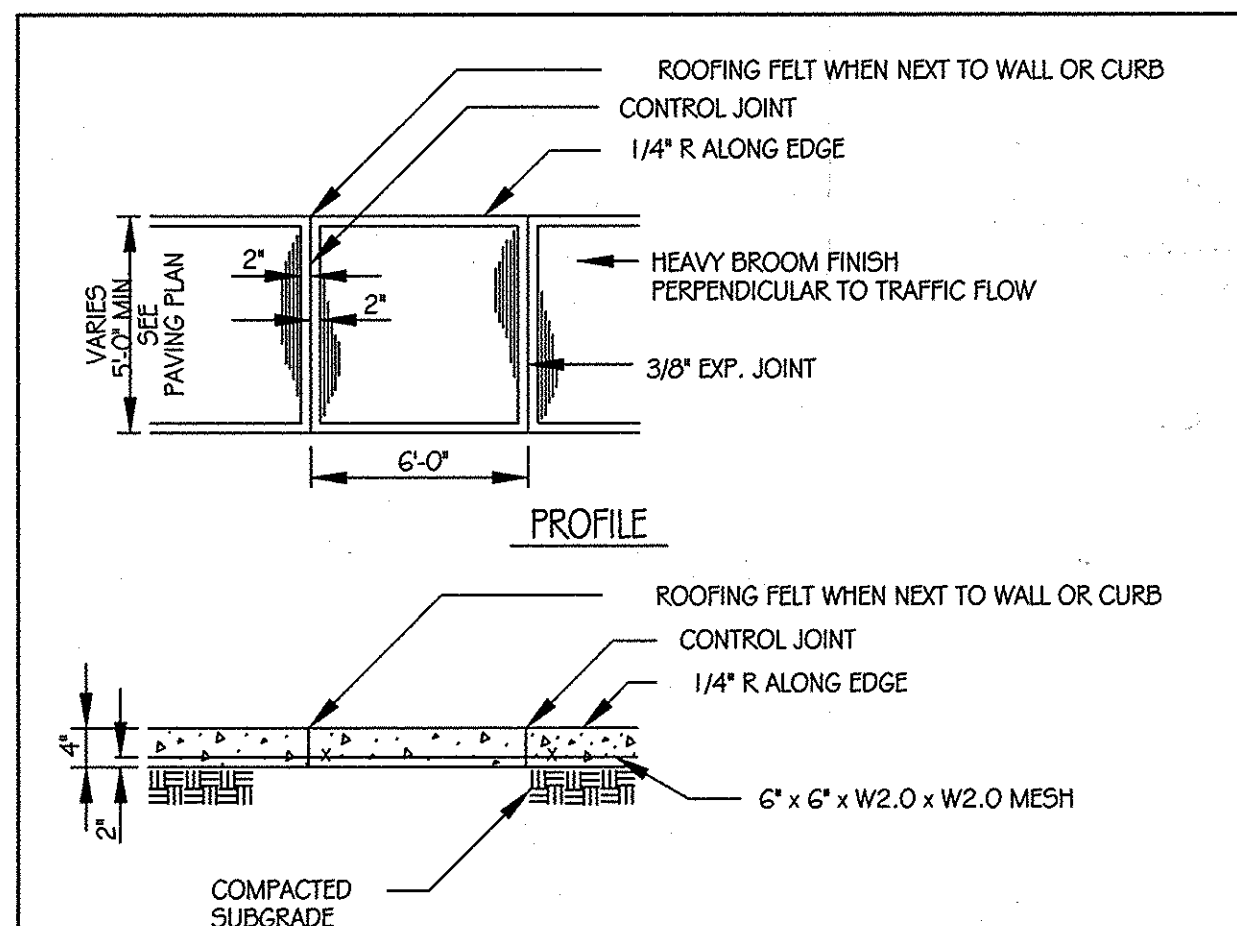
2 MILL & OVERLAY SCALE: N.T.S.



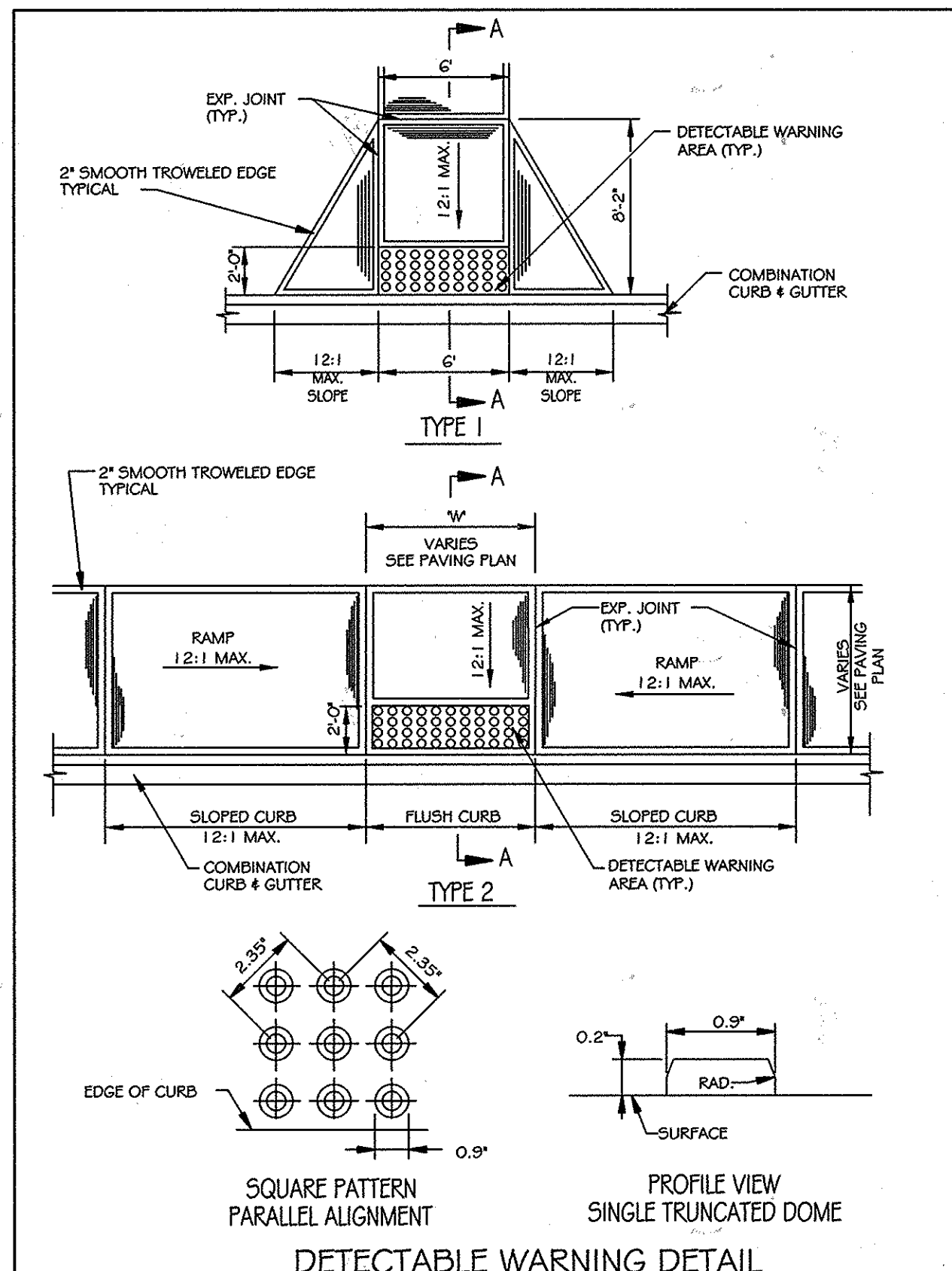
3 COMBINATION CURB AND GUTTER SCALE: N.T.S.



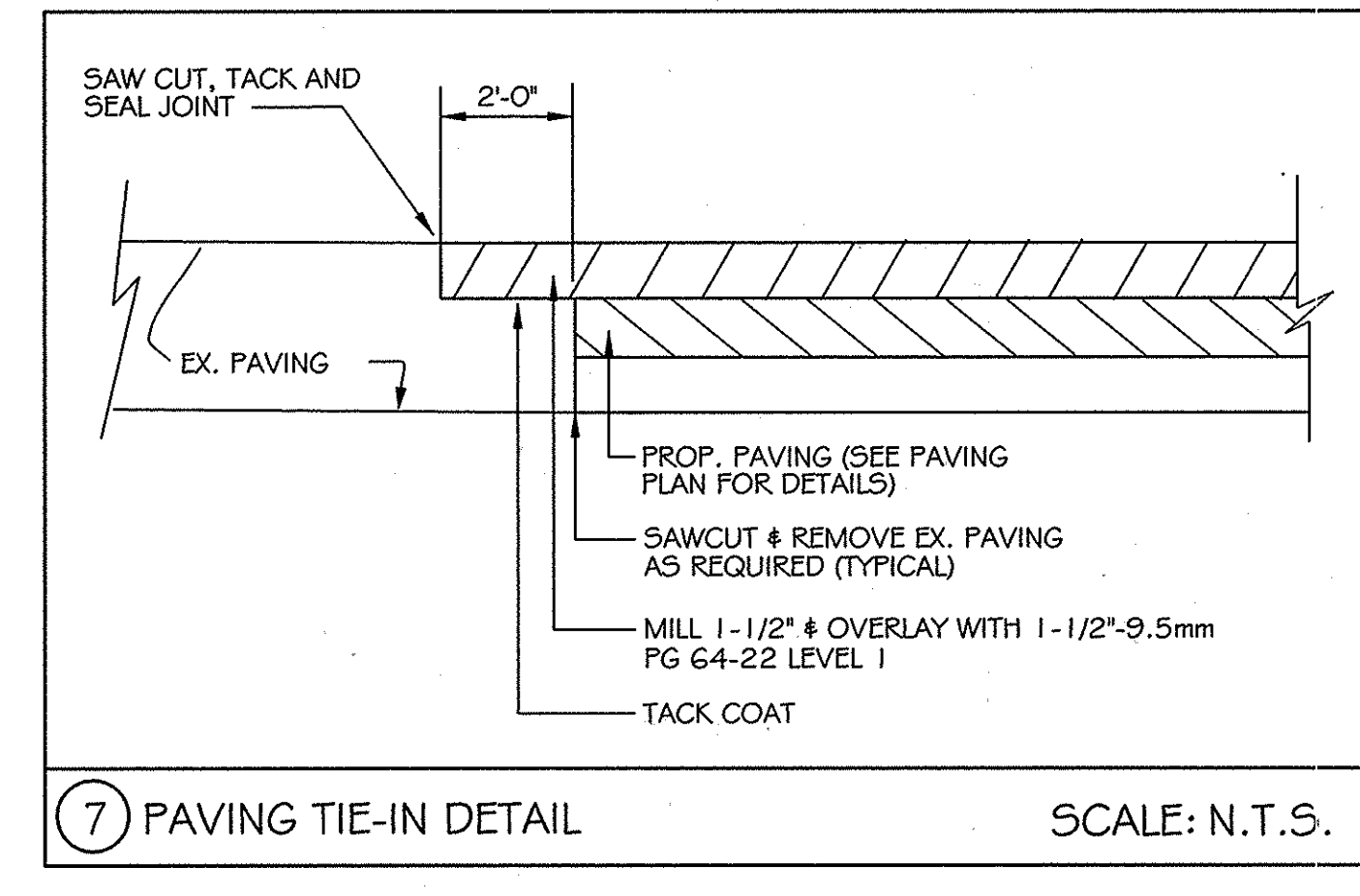
4 CROSSWALK PAINT STRIPING SCALE: N.T.S.



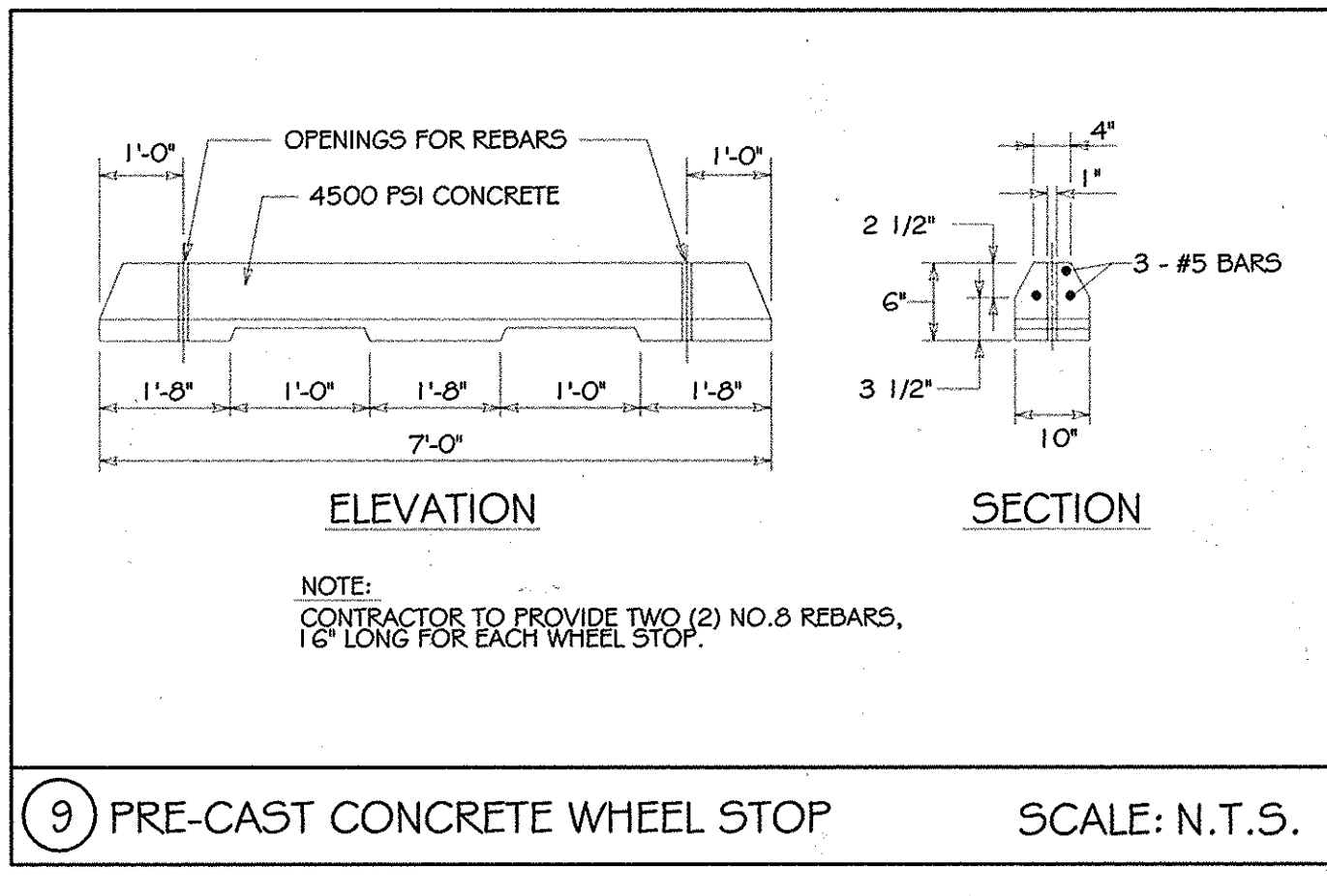
5 CONCRETE SIDEWALK SCALE: N.T.S.



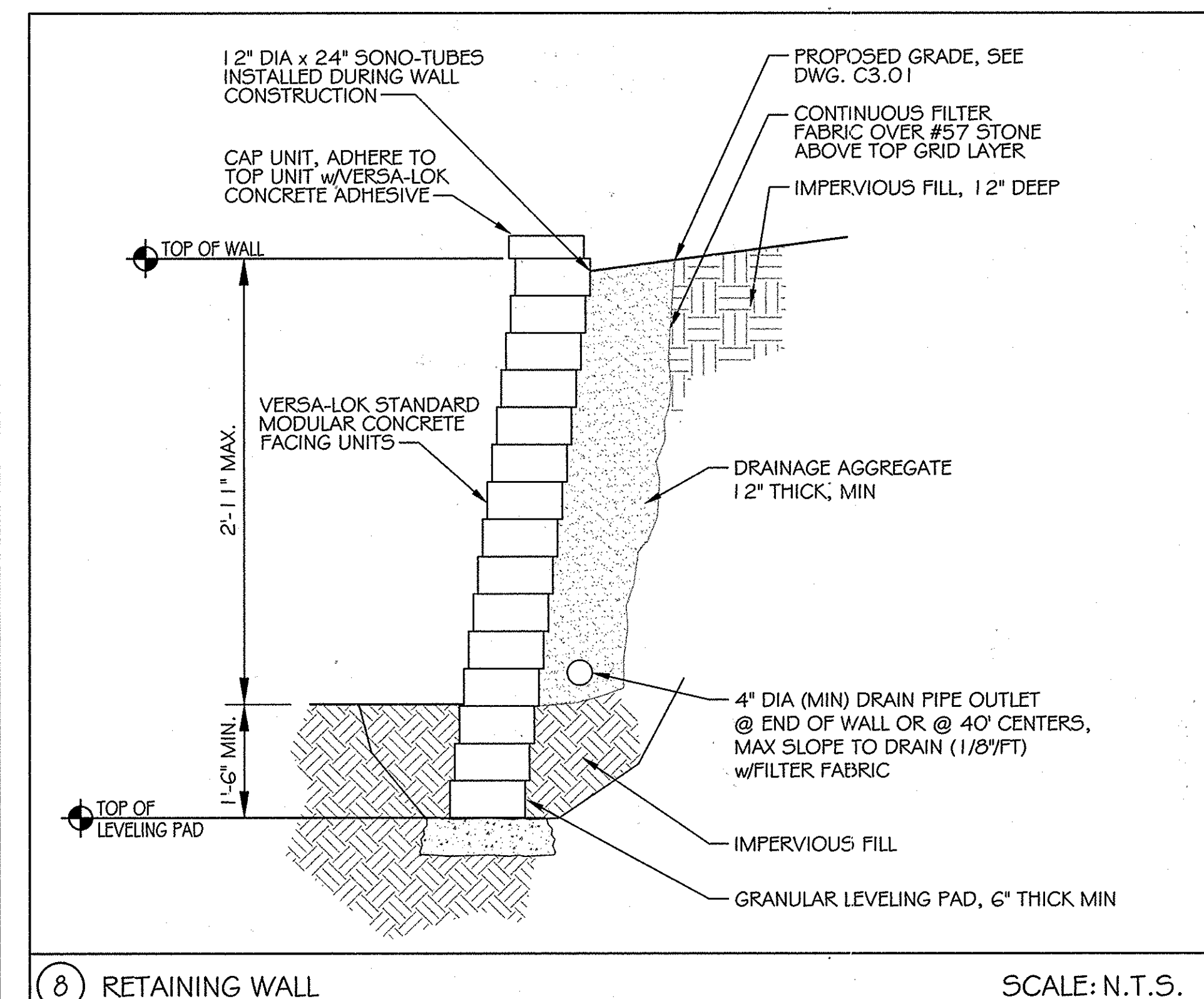
6 PEDESTRIAN RAMPS SCALE: N.T.S.



7 PAVING TIE-IN DETAIL SCALE: N.T.S.



9 PRE-CAST CONCRETE WHEEL STOP SCALE: N.T.S.



8 RETAINING WALL SCALE: N.T.S.

APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE 12-17-15

APPROVED: Howard County Department of Planning & Zoning
Director: *Walter J. Jolly* 3-14-10
Chief, Division of Land Development: *Kurt S. Leland* 3-14-16
Chief, Development Engineering Division: *Phil Elmore* 2-17-16

Prepared For and Owner:
George C. Peverly III
Daniel H. Redding
10735 Little Patuxent Parkway
Columbia, Maryland 21044
443-744-1547

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DES MAN
ASSOCIATES

KCI
TECHNOLOGIES

LITTLE PATUXENT PARKWAY
EZRINE AUTO CENTER
COLUMBIA, MD
PARCEL: 275, TAX MAP: 35, GRID: 6
PLAT: PLAT BOOK 26/FOLD 47
TOWN CENTER, 672, LOT C-2
ELECTION DISTRICT: 5 ZONING: NT

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. 31089
EXPIRATION DATE: 11/21/16

STATE OF MARYLAND
PROFESSIONAL ENGINEER
NO. 031089
1-15-16

NO.	DESCRIPTION	DATE

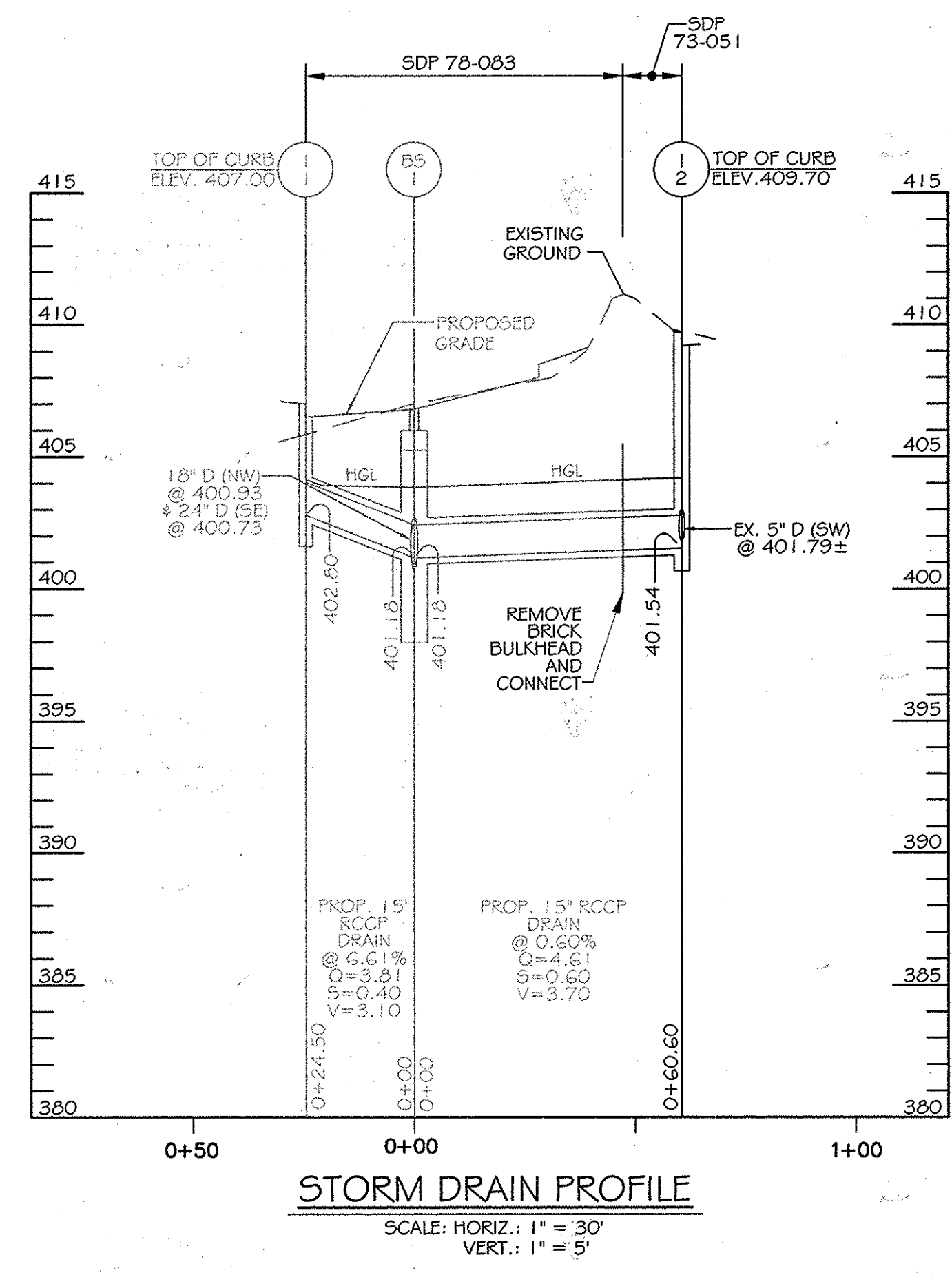
ISSUE

DRAWING TITLE:
SITE DETAILS

DRAWING NO.
C5.00
SHEET: 8 OF 13

SCALE: N.T.S.
DATE: JANUARY 15, 2016
PROJECT NO: 27146550

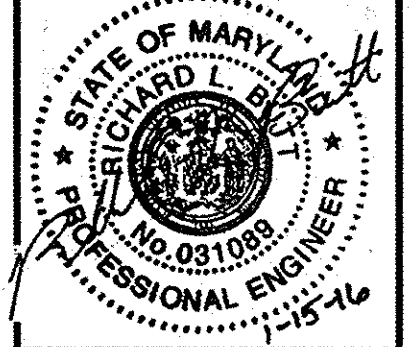
DES. DRWN. CK'D.
R.L.B. C.T.B. R.L.B.



STORM DRAIN PIPE SCHEDULE		
SIZE	MATERIAL	LENGTH
15"	RCCP CL IV	14 L.F.

STORM DRAIN STRUCTURE SCHEDULE									
NO.	TYPE	SIZE IN.	ELEV. IN	SIZE OUT	ELEV. OUT	TOP ELEV.	REFERENCES / HOWARD COUNTY STD. DETAIL	NORTHING	EASTING
I-2	DEL. WR PRECAST INLET	EX 15"	401.79	15"	401.54	409.70 TC	D-4.35	N 563,552.74	E 1,347,728.41

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. 31089
EXPIRATION DATE: 11/21/16



ISSUE		
NO.	DESCRIPTION	DATE

DRAWING TITLE: UTILITY PROFILES		
DRAWING NO. C6.00		
SHEET: 9 OF 13		
SCALE:	1" = 30'	
DATE:	JANUARY 15, 2016	
PROJECT NO.:	27146550	
DES. R.L.B.	DRWN. C.T.B.	CK'D. R.L.B.

APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE 12-17-15

APPROVED: Howard County Department of Planning & Zoning

[Signature] 3-14-14
Director

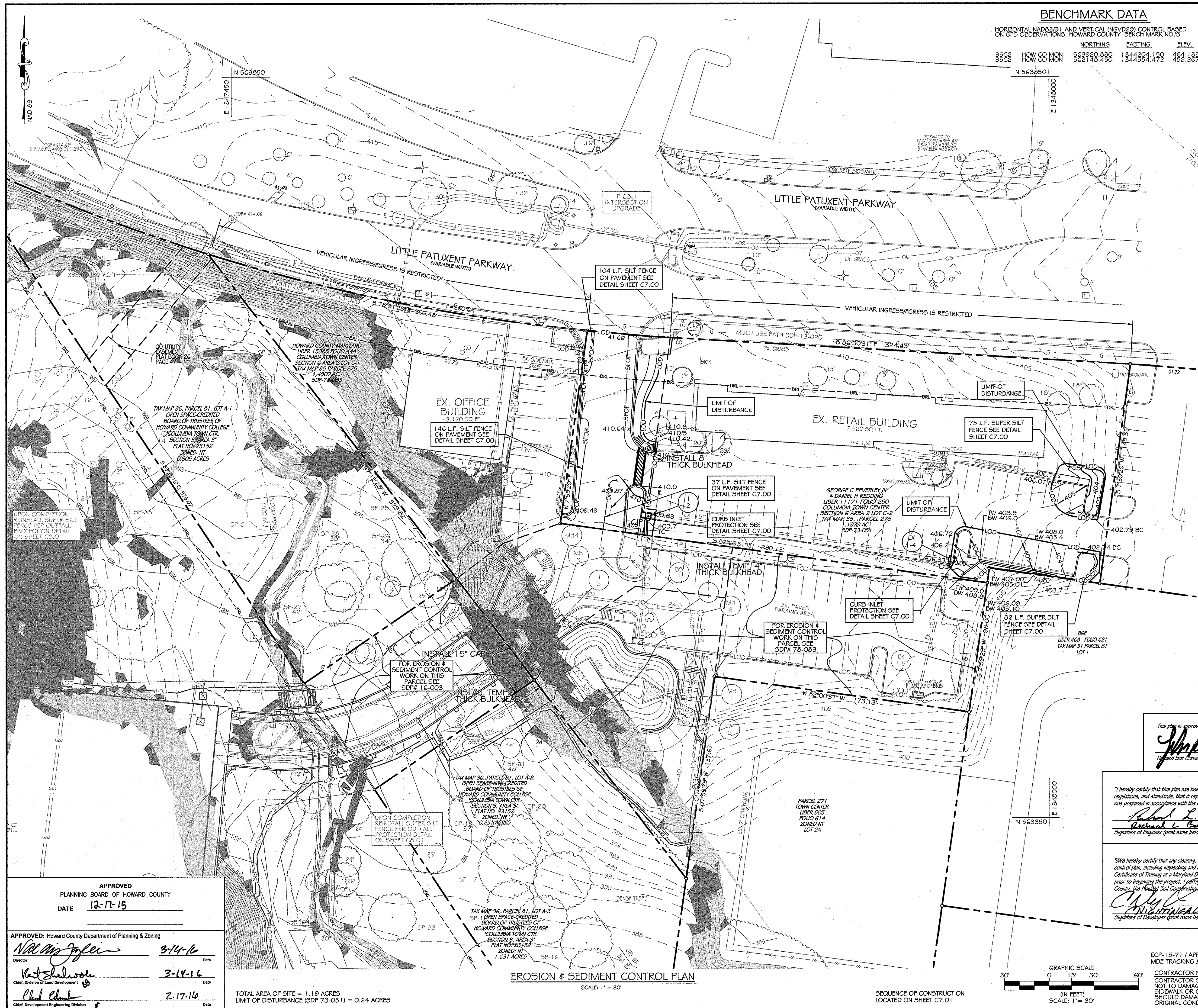
[Signature] 3-14-16
Chief, Division of Land Development

[Signature] 2-17-16
Chief, Development Engineering Division

Prepared For and Owner:
George C. Peverly III
Daniel H. Redding
10735 Little Patuxent Parkway
Columbia, Maryland 21044
443-744-1547

CONTRACTOR NOTE:
CONTRACTOR SHALL EXERCISE EXTREME CAUTION
SO AS NOT TO DAMAGE ANY EXISTING PAVING,
CURB & GUTTER, SIDEWALK OR OTHER SITE
FEATURES WHICH ARE TO REMAIN. SHOULD
DAMAGE OCCUR, CONTRACTOR SHALL REPAIR TO
ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.

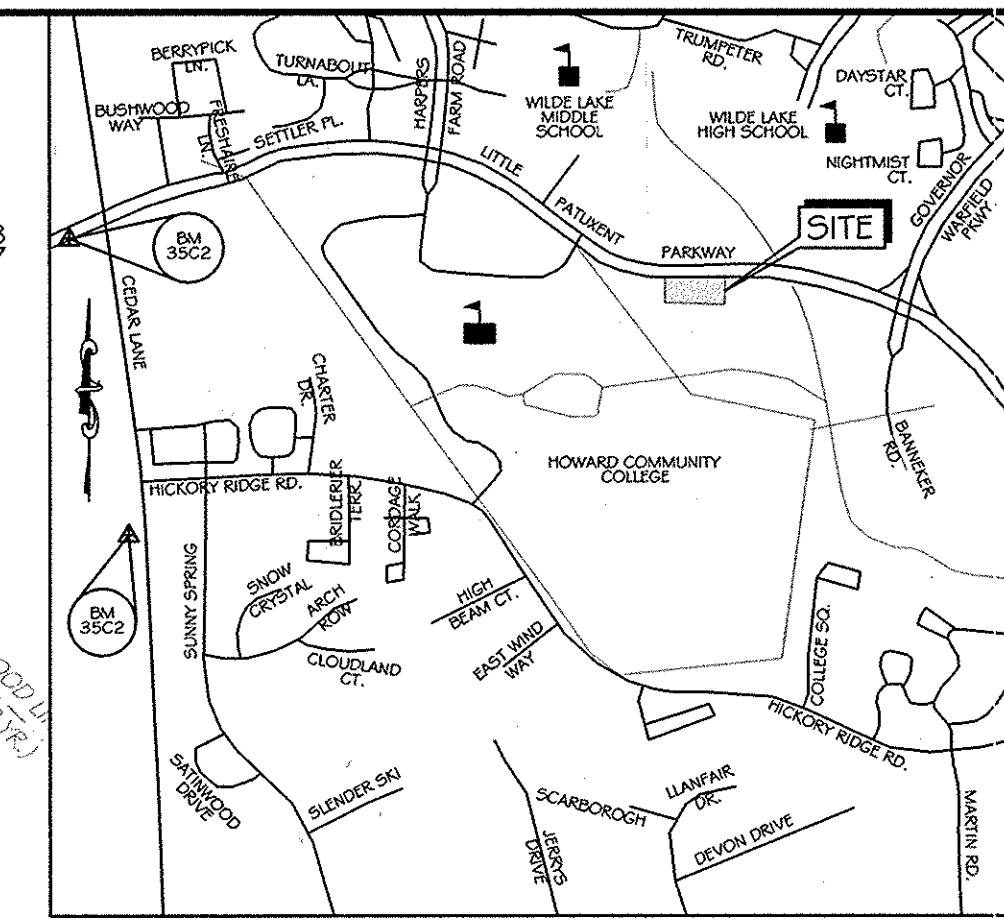
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BENCHMARK DATA

HORIZONTAL NAD83(91) AND VERTICAL (NGVD29) CONTROL BASED ON GPS OBSERVATIONS, HOWARD COUNTY BENCH MARK NO.'S

	NORTHING	EASTING	ELEV.
35C2	563920.630	1344204.150	464.133
35C2	562148.450	1344554.472	452.267



VICINITY MAP
SCALE 1" = 1000'
ADC MAP: 15 GRID: DG

DESMAN ASSOCIATES

ENGINEER
PLANNER
SCIENTIST
CONSTRUCTION MANAGER

KCI TECHNOLOGIES

3000 Southfield Road
Ann Arbor, MI 48106
734.769.0000

**LITTLE PATUXENT PARKWAY
EZZRINE AUTO CENTER**
COLUMBIA, MD

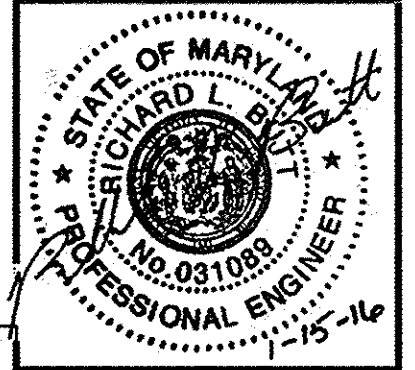
PARCEL: 275, TAX MAP: 35, GRID: 6
PLAT: PLAT BOOK 26/TOLD 47
TOWN CENTER: 6/2, LOT C-2
ELECTION DISTRICT: 5, ZONING: NT

NOTE:
STOCKPILE LOCATED ON SDP 16-003.

LEGEND

- W/3 25' WETLAND BUFFER
- SB 75' STREAM BUFFER
- W/15 WATERS OF THE U.S.
- APPROXIMATE LIMITS OF ENVIRONMENTAL BUFFER AREA
- APPROXIMATE LIMITS OF FOREST CONSERVATION EASEMENT
- APPROXIMATE LIMITS OF NON-TIDAL WETLAND
- APPROXIMATE LIMITS OF AREA WHERE SLOPE GRADE ≥ 25%
- APPROXIMATE LIMITS OF AREA WHERE SLOPE GRADE ≥ 15% AND < 25%
- CIP CURB INLET PROTECTION
- LOD LIMIT OF DISTURBANCE
- SSF SUPER SILT FENCE
- SFOP SILT FENCE ON PAVEMENT
- SCPE STABILIZED CONSTRUCTION ENTRANCE

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. 31069, EXPIRATION DATE: 11/21/16



This plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

Richard L. Smith 2/19/16
Howard Soil Conservation District

ENGINEER'S CERTIFICATE
"I hereby certify that this plan has been designed in accordance with current Maryland erosion and sediment control laws, regulations, and standards, that it represents a practical and workable plan based on my personal knowledge of the site, and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

Richard L. Smith 1-28-16
Signature of Engineer (print name below signature) Date

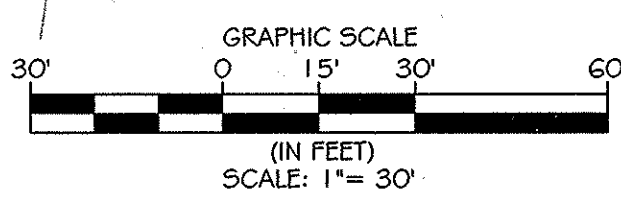
DEVELOPER'S CERTIFICATE
"We hereby certify that any clearing, grading, construction, or development will be done pursuant to this approved erosion and sediment control plan, including respecting and maintaining controls, and that the responsible personnel involved in the construction project will have a Certificate of Training at a Maryland Department of the Environment (MDE) approved training program for the control on erosion and sediment prior to beginning the project. I grant right-of-entry for periodic on-site evaluation by Howard County, the Howard Soil Conservation District and/or MDE."

George C. Peverly III 1-28-2016
Signature of Developer (print name below signature) Date

Prepared For and Owner:
George C. Peverly III
Daniel H. Redding
10735 Little Patuxent Parkway
Columbia, Maryland 21044
443-744-1547

ECP-15-71 / APPROVED: AUG. 10, 2015
MDE TRACKING # 15-NT-3191 / MDE PERMIT # 2015-61-055

CONTRACTOR NOTE:
CONTRACTOR SHALL EXERCISE EXTREME CAUTION SO AS NOT TO DAMAGE ANY EXISTING PAVING, CURBS & GUTTER, SIDEWALK OR OTHER SITE FEATURES WHICH ARE TO REMAIN. SHOULD DAMAGE OCCUR, CONTRACTOR SHALL REPAIR TO ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.



SEQUENCE OF CONSTRUCTION
LOCATED ON SHEET C7.01

EROSION & SEDIMENT CONTROL PLAN

SCALE: 1" = 30'

TOTAL AREA OF SITE = 1.19 ACRES
LIMIT OF DISTURBANCE (SDP 73-051) = 0.24 ACRES

APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE: 12-17-15

APPROVED: Howard County Department of Planning & Zoning

Natasha J. Jolley 3-14-16
Director Date

Walt Schuler 3-14-16
Chief, Division of Land Development Date

Chad Edmond 2-17-16
Chief, Development Engineering Division Date

NO.	DESCRIPTION	DATE
	EROSION AND SEDIMENT CONTROL PLAN	
	DRAWING NO. C7.00	
	SHEET: 10 OF 13	
	SCALE: 1" = 30'	
	DATE: JANUARY 15, 2016	
	PROJECT NO: 27146550	
DES. R.L.B.	DRWN. C.T.B.	CK'D. R.L.B.

