

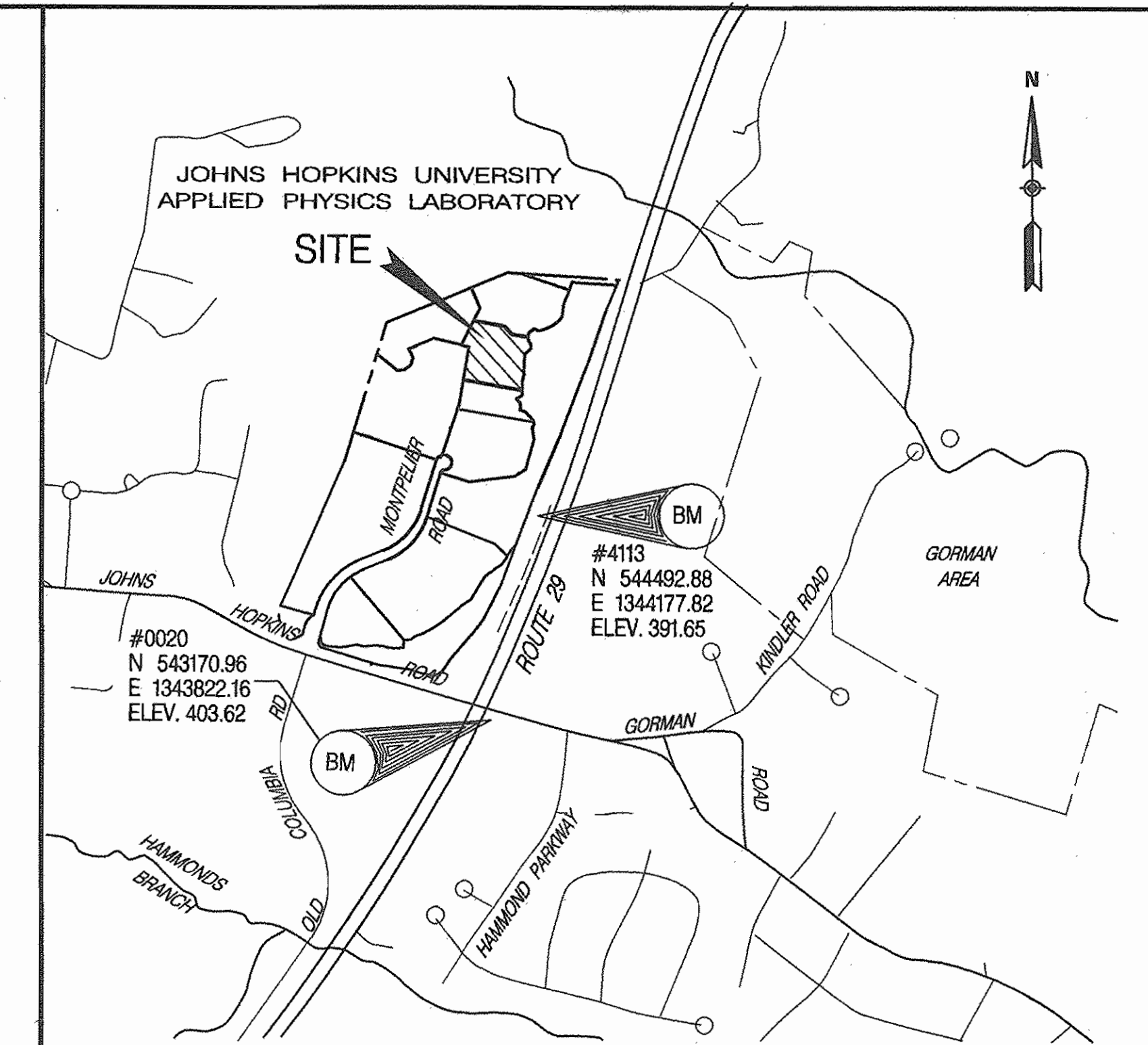
General Notes

- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY, PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE OR AS SPECIFIED.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE BASED SOLELY ON AVAILABLE RECORDS. CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES WHICH MAY BE IMPACTED BY THE WORK. MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTORS OPERATIONS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS TO VERIFY THEIR LOCATION AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF LOCATION OF UTILITIES IS OTHER THAN SHOWN.
- THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-287-7777 AT LEAST 48 HOURS BEFORE ANY EXCAVATION WORK BEING DONE AND SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 319-1860 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK. ANY DAMAGE CAUSED BY THE CONTRACTOR TO EXISTING PUBLIC RIGHT-OF-WAY, EXISTING PAVING, EXISTING CURB AND GUTTER, EXISTING UTILITIES, ETC. SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM A FIELD RUN SURVEY WITH MAXIMUM 5' CONTOUR INTERVALS PREPARED BY DUVAL & ASSOCIATES, P.A. DATED MAY 2000.
- EXISTING PUBLIC WATER PROVIDED BY CONTRACT NUMBER 34-3965-D, EXISTING PUBLIC SEWER PROVIDED BY CONTRACT NUMBER 33-3789-D, PROPOSED PUBLIC WATER AND SEWER PROVIDED BY CONTRACT NUMBER EXISTING DRAINAGE AREA FOR SEWER: LITTLE PATUXENT WATER RECLAMATION PLANT, SAVAGE, HOWARD COUNTY.
- THE SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING ANALYSIS FOR THIS PROJECT WAS MADE BY HILLIS CARRIES, INC. IN JUNE 2000.
- ALL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF 98% OF THE THEORETICAL DRY DENSITY AS DETERMINED AND VERIFIED IN ACCORDANCE WITH ASPHTO 1-180 OR AS SPECIFIED BY GEOTECHNICAL ENGINEER.
- REGIONAL STORMWATER MANAGEMENT AND WATER QUALITY ARE PROVIDED IN A WETLAND POND SYSTEM LOCATED ON PARCEL G1, APPROVED PER SDP 89-02.
- FOREST CONSERVATION REQUIREMENTS ARE PROVIDED PER SDP 89-02 & SDP 89-03.
- THERE ARE NO WETLANDS, FLOODPLAIN, OR STREAMS ON THIS SITE.
- OPERATING EXISTING VALVES, SWITCHES, SERVICES OR START UP OF NEW SERVICES SHALL BE COORDINATED WITH THE OWNERS REPRESENTATIVE. THE BUILDING WILL BE PROVIDED WITH A SPRINKLER SYSTEM.
- TRENCH COMPACTION FOR STORM DRAINS WITHIN THE ROAD OR STREET RIGHT OF WAY LIMITS SHALL BE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL IV, STD. NO. G-2.01.
- UNLESS OTHERWISE NOTED, DIMENSIONS FROM CURB ARE MEASURED FROM FACE.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL WATER, SEWER, AND DRAIN HOUSE CONNECTIONS WITH THE MECHANICAL DRAWINGS.
- THE CONTRACTOR SHALL MAINTAIN 2.0 FEET MINIMUM PROTECTIVE COVER OVER ALL UTILITIES DURING CONSTRUCTION.
- THERE ARE NO KNOWN CEMETARIES OR BURIAL GROUNDS ON THIS SITE. HOWEVER, UPON DISCOVERY OF ANY EVIDENCE OF BURIAL OR GRAVES, THE DEVELOPER WILL BE SUBJECT TO SECTION 16-1305 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- ALL SLOPES 3:1 OR GREATER, EXCEPT THOSE ASSOCIATED WITH LANDSCAPE BERMING, SHALL BE MONITORED DURING PLACEMENT BY THE PROJECT GEOTECHNICAL ENGINEER.
- PAVING MARKINGS TO BE "TRAFFIC WHITE"
- CONTRACTOR SHALL MAINTAIN A MINIMUM 2 FOOT BENCH BEHIND CURB AND GUTTER IN FILL AREAS.
- ALL FIRE LINE PIPING SHALL MEET THE REQUIREMENTS OF THE NFPA PIPE SHALL BE UL LISTED, FM APPROVED AND MEET THE AWWA STANDARDS FOR FIRE PROTECTION. USE FITTINGS SHALL HAVE PRESSURE CLASS RATINGS COMPATIBLE WITH THE PIPE USED.
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3.5 FEET OF COVER OVER THE PRIVATE WATER MAIN SHOWN HEREON UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE ALL CRIMPS OR VERTICAL BENDS NECESSARY TO MAINTAIN CLEARANCES WITH OTHER UTILITIES.
- THE CONTRACTOR SHALL INSPECT THE SITE TO DETERMINE IF ANY TREES, PAVING OR STRUCTURES ARE TO BE REMOVED PRIOR TO PLACING A BID ON THOSE ITEMS. THE CONTRACTOR SHALL CLEAR THE CONSTRUCTION AREA OF ALL EXISTING TREES, PAVING, STRUCTURES, ETC., UNLESS NOTED ON PLAN.
- THE SUBJECT PROPERTY IS ZONED PEC PER 10-18-03 COMPREHENSIVE ZONING PLAN.
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE REQUIRED WETLANDS, STREAM(S) OR THEIR BUFFERS AND FOREST CONSERVATION EASEMENT AREAS.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL.
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPERS AGREEMENT IN THE AMOUNT OF \$ 6,300.00.
- THIS PROJECT COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY VIRTUE OF BEING THE SUBJECT OF AN APPROVED FOREST CONSERVATION PLAN AS PART OF THE APPROVED SUBDIVISION FOR MONTEPELIER RESEARCH PARK. SEE NOTE 10.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLAN COORDINATE SYSTEM, HOWARD COUNTY MONUMENT NOS. 0020 AND 4113 WERE USED FOR THIS PROJECT.
- THE TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY LEE CUNNINGHAM AND ASSOCIATES, DATED DECEMBER 1997, AND WAS MOST RECENTLY APPROVED JULY 5, 2000. SEE SUBJECT LETTER DATED JUNE 29, 2001 FROM LEE CUNNINGHAM TO HOWARD COUNTY P&Z CONFIRMING TRIP GENERATION FOR THIS PARTICULAR PROJECT.
- ALL EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 134 OF THE ZONING REGULATIONS.
- THE DEVELOPMENT CRITERIA IN MONTEPELIER RESEARCH PARK FDP PHASES 1 AND 2 WAS SUPERCEDED BY IMPLEMENTATION OF THE 1993 ZONING REGULATIONS. ALL DEVELOPMENT MUST CONFORM TO THE REQUIREMENTS SPECIFIED FOR THE PEC ZONING DISTRICT.
- SEE WAIVER PETITION WP-01-140 TO SECTION 16-120(c)(1) OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WHICH WAS APPROVED JULY 30, 2001 WHICH WAIVED THE REQUIREMENT FOR THE 60 FEET OF MINIMUM LOT FRONTAGE ALONG A PUBLIC ROADWAY TO 0 FEET OF FRONTAGE FOR PARCELS E-4A, E-4B AND E-4C.

Site Development Plans for Traditional Acupuncture Institute

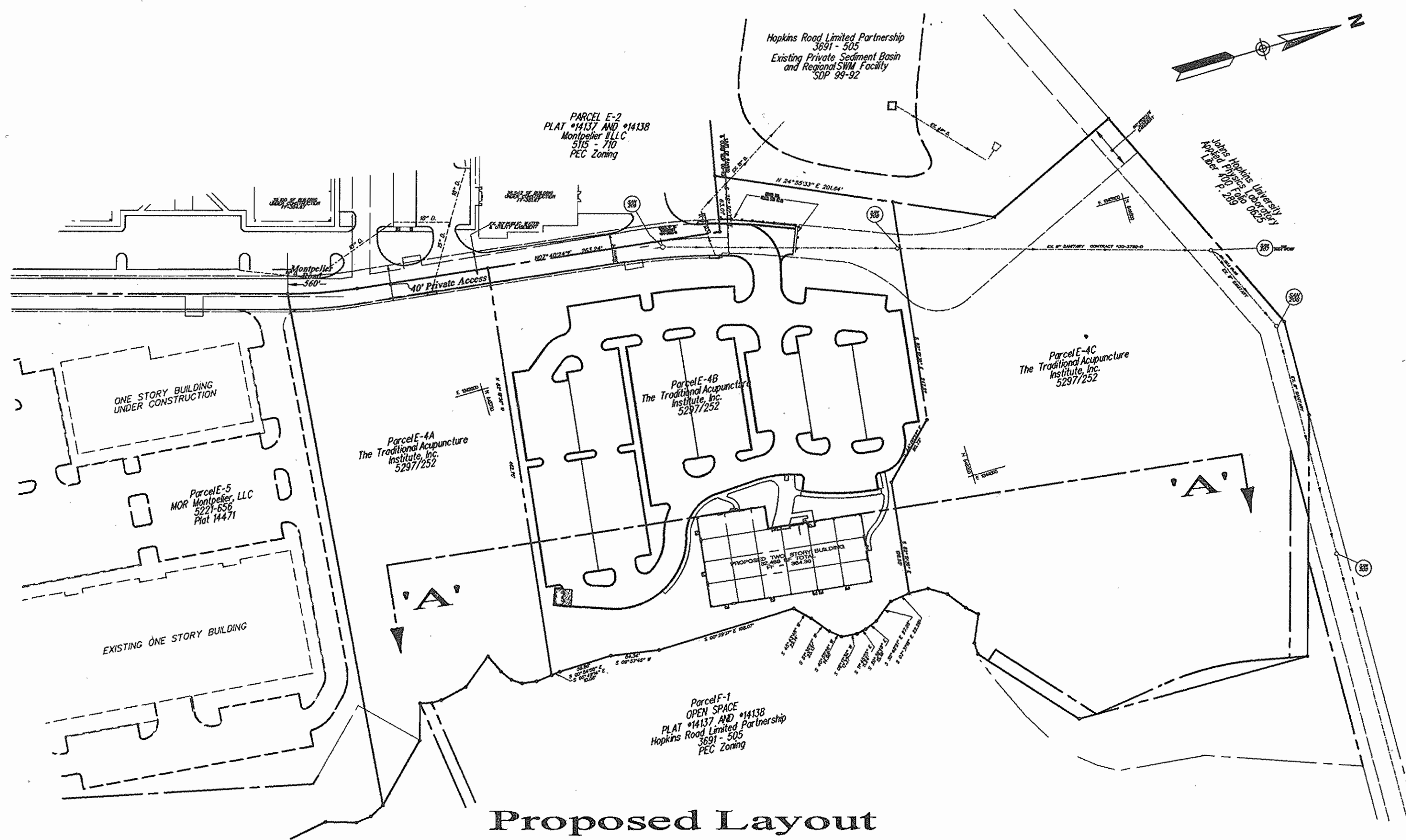


Parcel E-4B Montpelier Research Park Howard County, Maryland



Location Map
SCALE: 1" = 1,000'

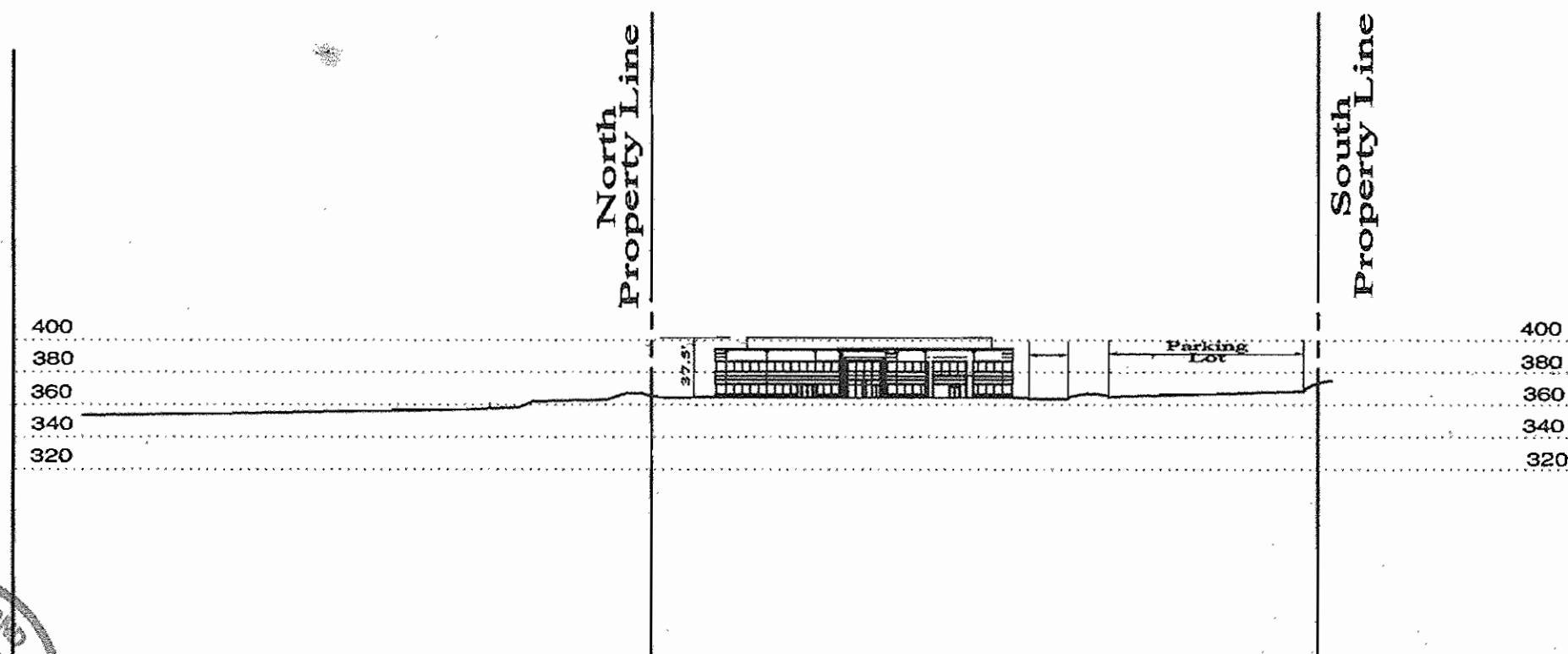
COORDINATES AND BEARING ARE REFERRED TO THE SYSTEM OF COORDINATES ESTABLISHED IN THE MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS; AND 83' ELEVATIONS SHOWN HEREON ARE REFERRED TO THE NORTH AMERICAN VERTICAL DATUM-NVD 29 AND ARE BASED ON THE FOLLOWING HOWARD COUNTY SURVEY CONTROL STATIONS; (TRANSLATED METERS TO FEET)
#4113-CONCRETE MONUMENT 4' WEST OF TOP OF BANK OFF SOUTH BOUND MARYLAND ROUTE 29 AT SURFACE.
#0020-STANDARD MBCS SURVEY DISC SET ON CONCRETE MONUMENT, FLUSH WITH THE GROUND.



Proposed Layout
Scale 1" = 100'

Site Analysis Data Chart

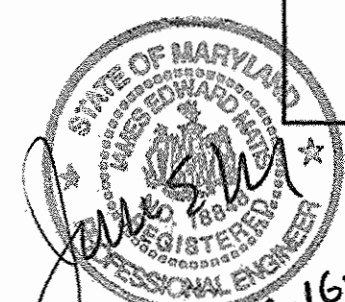
1. GENERAL SITE DATA	
CURRENT PLAT REFERENCE	.....
CURRENT DEED REFERENCE	..... 6297-252
TAX ACCOUNT NUMBER	..... 05-43286
PRESENT ZONING	..... PEC
APPLICABLE DPZ FILE REFERENCES:	..... WP-01-140, SDP 01-05 F-01-65 BA 96-31E, PB 190, VP 86-64, WP 91-93, ZB 802 & 767, S 86-47, SDP 88-197, SDP 89-88, F 95-45, SDP 99-02, F 99-191, SDP 98-11, F 00-49, WP 97-21 AND WP 98-37, F 00-166, F-02-17.
PROPOSED USE:	..... INSTITUTIONAL - TWO STORY 32,488 SF PRIVATE SCHOOL (16,200 sf ground floor)
NO. OF OCCUPANTS	..... 225 STUDENTS /70 FACULTY-SUPPORT
PROPOSED WATER:	..... PUBLIC
PROPOSED SEWER:	..... PRIVATE ONSITE LINE TIES TO PUBLIC SYSTEM
WATER AND SEWER CONTRACT NUMBER	..... 34-3984-D
2. AREA TABULATION	
TOTAL PROJECT AREA:	..... 4.6989 ACRES
AREA OF THIS PLAN SUBMISSION:	..... 4.6989 ACRES
TOTAL DISTURBED AREA:	..... 10.0 ACRES
FLOOR AREA RATIO:	..... 32,488 SF GROSS FLOOR AREA = 0.16 4.6989 ACRES
BUILDING COVERAGE TO SITE	..... 16,200 SF GROUND FLOOR AREA = 6% of gross area 4.6989 ACRES
3. OPEN SPACE DATA: NA OPEN SPACE PROVIDED AS PART OF APPROVED SUBDIVISION	
4. PARKING SPACE DATA	
PARKING REQUIRED: PRIVATE SCHOOL FOR 225 STUDENTS	..... 225 SPACES REQUIRED
@ 1 PARKING SPACE PER STUDENT	..... 225 SPACES PROVIDED
PARKING PROVIDED:	..... 269 SPACES PROVIDED
TOTAL INCLUDES	.....
262 STANDARD SPACES @ 9' X 18'	.....
5 STANDARD HANDICAP SPACES @ 15' X 15 OR 21' X 18' TOTAL TWO SIDE BY SIDE	.....
2 VAN ACCESSIBLE HANDICAP SPACES @ 24' X 18' TWO SIDE BY SIDE	.....



Section A-A through Site
Scale 1" = 100' Horz. & Vert.

Developer and Contract Purchaser
MOR Montpelier 2, LLC
c/o R. Colfax Schnorf, Authorized Person
MANEKIN, LLC
7061 Columbia Gateway Drive
Columbia, Maryland 21046
Ph: 1-410-290-1490
Fax: 1-410-312-4385

Matis Warfield
consulting engineers
10540 York Road, Suite 100
hunt valley, maryland 21046
Ph: 410-293-7004
facsimile 410-683-1798
www.matiswarfield.com



Legal Owner
Traditional Acupuncture Institute, Inc.
American Cities Building
10227 Wincopin Circle
Suite 100
Columbia, Maryland 21044-3422
Phone 410-997-4888

SHEET INDEX	
NO.	SHEET TITLE
1	COVER SHEET
2	SITE PLAN
3	SITE PLAN
4	DETAILS
5	DRAINAGE AREA MAP
6	UTILITY PROFILES AND DETAILS
7	EROSION & SEDIMENT CONTROL PLAN
8	EROSION & SEDIMENT CONTROL DETAILS
9	LANDSCAPE PLAN

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
[Signature]
Chief, Development Engineering Division
Date: 9/4/01
[Signature]
Chief, Land Development Division
Date: 9/4/01
[Signature]
Director

ADDRESS CHART	
Lot/Parcel No.	Street Address
E-4B	7760 Montpelier Road

PERMIT INFORMATION CHART				
Subdivision Name	Section /Area	Lot/Parcel No.		
Montpelier Research Park	N/A	E-4B		
Plat or Liber/Folio	Grid #	Zoning	Tax Map No.	Election District
14915	17	PEC	41	8051.02
Water Code	Sewer Code			
E 21	6440000			

Cover Sheet
Traditional Acupuncture Institute
Parcel E-4B
Montpelier Research Park
Howard County, Maryland
Scale: As Shown
SDP 01-151
Sheet 1 of 9
August 16, 2001

Matis Warfield
consulting engineers
10540 York Road, Suite M
Hunt Valley, Maryland 21030
Phone 410-683-7004
Facsimile 410-683-1798
www.matiswarfield.com

Developer and Contract Purchaser
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Fax 1-410-312-4385

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Phone 410-997-4888

Lighting Data			
Luminaire Schedule	Symbol	Qty	Description
	■	33	400W AREA SQUARE GALLERIA

All exterior lighting shall comply with Section 134 of the Zoning Regulations.

Note: For paving types and limits see details on Sheet 4 of 8

Legend

- Existing Contours
- Proposed Grades
- Existing Water
- Proposed Private Water
- Proposed Public Water
- Existing Sanitary
- Proposed Private Sanitary
- Existing Storm Drain
- Proposed Private Storm Drain
- Existing Curb and Gutter
- Proposed Curb and Gutter
- Proposed Light Fixture

- Proposed Concrete Paving
- Handicap Parking Space



James E. Matis
4/11/02
BY: PATTON HARRIS RUST & ASSOCIATES
8218 CENTER PARK DR. COLUMBIA, MD 21048



AS TO REVISION 2
BY MATIS WARFIELD, INC.
6-10-02 EXTEND DRAIN 3-21 TO M-12
4-11-02 ADDED PLAZAS, MODIFIED
DATE NO. REVISION
SIDEWALK & GRADING

ENGINEER'S CERTIFICATE

I certify that this plan for sediment and erosion 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 E. Matis
James E. Matis, P.E. MD 19848
8-16-01
Date

DEVELOPER'S CERTIFICATE

We certify that all development and construction will be done according to this plan for sediment and erosion control, and that all 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 inspection by the Howard Soil Conservation District.

R. Colfax Schnorf
For MOR Montpelier 2, LLC by R. Colfax Schnorf, Authorized Person
8-16-01
Date

Reviewed for Howard SCD and meets Technical Requirements

Jim Mays
Jim Mays
USDA Natural Resource Conservation Service
8/22/01
Date

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT
John Johnston
John Johnston
Howard SCD
8/22/01
Date

APPROVED FOR PUBLIC (OR PRIVATE) WATER AND PUBLIC (OR PRIVATE) SEWERAGE SYSTEMS:

County Health Officer Howard County Health Department
Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

William J. ...
Chief, Development Engineering Division
8/22/01
Date
John ...
Chief, Land Development Division
9/4/01
Date
James ...
Director
7/4/01
Date

ADDRESS CHART

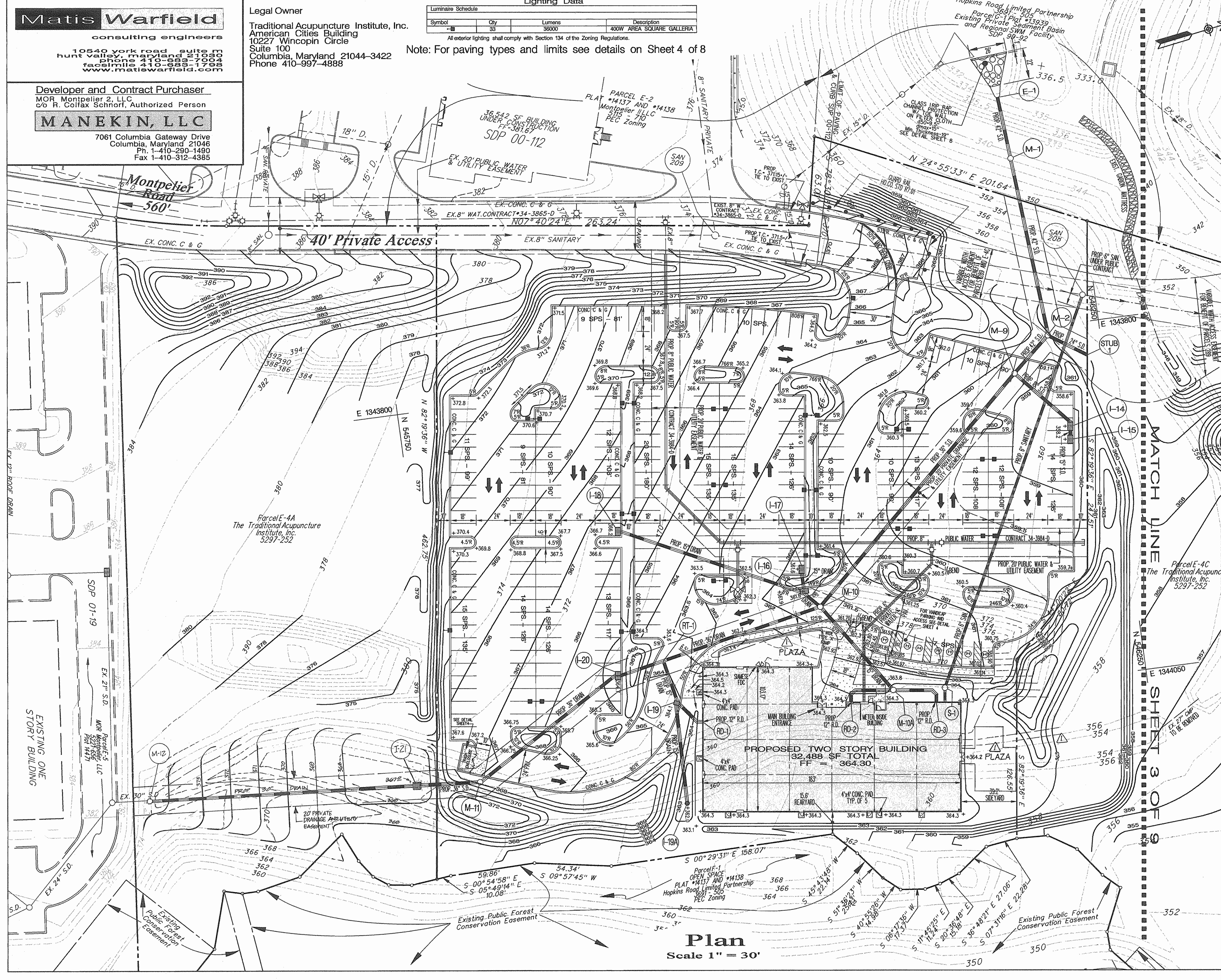
Lot/Parcel No.	Street Address
E-4B	7750 Montpelier Road

PERMIT INFORMATION CHART

Subdivision Name	Section / Area	Lot / Parcel No.
Montpelier Research Park	N / A	E-4B
Plat or Liber/Folio	Grid #	Zoning
14915	17	PEC
Water Code	Tax Map No.	Election District
E 21	41	5th
	Sewer Code	Census Tract
	6440000	6051.02

Site Development Plan
Traditional Acupuncture Institute
Parcel E-4B
Montpelier Research Park

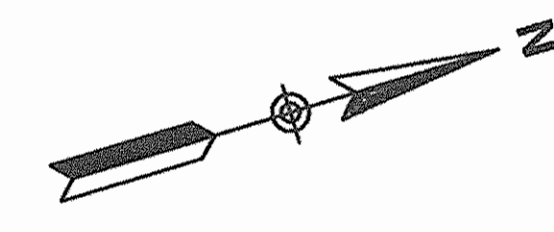
Howard County, Maryland
Scale: As Shown
Sheet 2 of 9
SDP 01-151
August 16, 2001



Plan
Scale 1" = 30'

Legend

- Existing Contours
 - Proposed Grades
 - Existing Water
 - Proposed Private Water
 - Proposed Public Water
 - Existing Sanitary
 - Proposed Sanitary
 - Existing Storm Drain
 - Proposed Storm Drain
 - Existing Curb and Gutter
 - Proposed Curb and Gutter
 - Proposed Light Fixture
- Proposed Concrete Paving
- Handicap Parking Space



Matis Warfield
consulting engineers

10540 York Road, Suite 200
Hunt Valley, Maryland 21090
Phone 410-883-7004
Facsimile 410-883-1798
www.matiswarfield.com

Developer and Contract Purchaser
MOR Montpelier 2, LLC
c/o R. Colfax Schnorf, Authorized Person

MANEKIN, LLC
7061 Columbia Gateway Drive
Columbia, Maryland 21046
Ph: 1-410-250-1490
Fax: 1-410-312-4385

ENGINEER'S CERTIFICATE
I certify that this plan for sediment and erosion 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 E. Matis
James E. Matis, P.E. MD 18848
8-16-01
Date

DEVELOPER'S CERTIFICATE
We certify that all development and construction will be done according to this plan for sediment and erosion control, and that all 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 inspection by the Howard Soil Conservation District.

R. Colfax Schnorf
For MOR Montpelier 2, LLC by R. Colfax Schnorf, Authorized Person
8-16-01
Date

Reviewed for Howard SCD and meets Technical Requirements
Jim Myers
USDA Natural Resource Conservation Service
8/22/01
Date

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT
John M. Johnson
Howard SCD
8/22/01
Date

APPROVED FOR PUBLIC (OR PRIVATE) WATER AND PUBLIC (OR PRIVATE) SEWERAGE SYSTEMS:
County Health Officer Howard County Health Department
Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Chris Harvath
Chief, Development Engineering Division
8/21/01
Date

Chris Harvath
Chief, Land Development Division
8/21/01
Date

James E. Matis
Director
9/14/01
Date

ADDRESS CHART

Lot/Parcel No.	Street Address
E-4B	7750 Montpelier Road

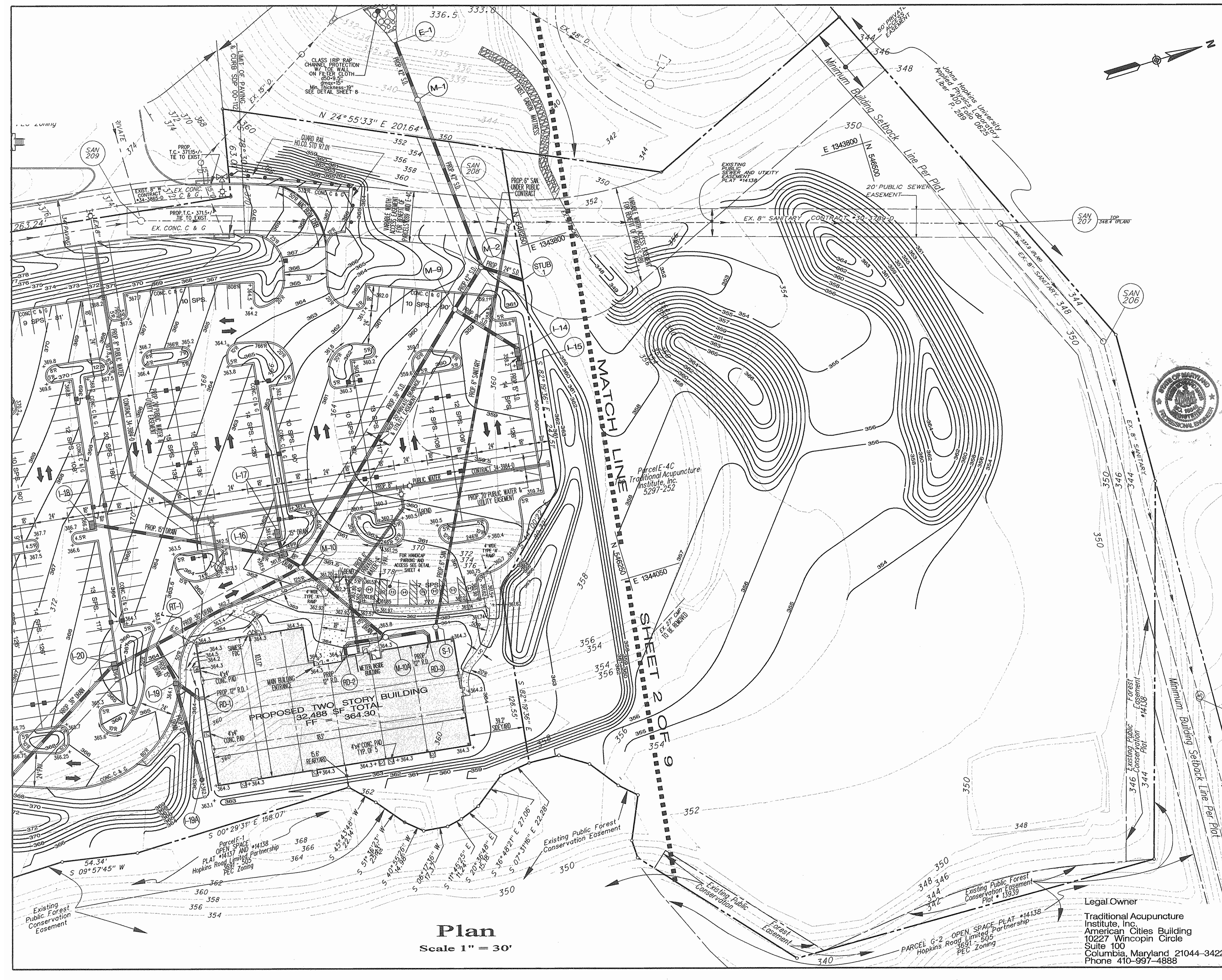
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Subdivision Name	Section / Area	Lot/Parcel No.
Montpelier Research Park	N / A	E-4B
Plat or Liber/Folio	Grid #	Zoning
14915	17	PEC
Water Code	Tax Map No.	Election District
E 21	41	6th
	Sewer Code	Census Tract
	6440000	0051.02

Site Development Plan
Traditional Acupuncture Institute
Parcel E-4B
Montpelier Research Park

Howard County, Maryland
Scale: As Shown
SDP 01-151
Sheet 3 of 9
August 16, 2001

SDP-01-151



Plan
Scale 1" = 30'

Legal Owner
Traditional Acupuncture Institute, Inc.
American Cities Building
10227 Wincopin Circle
Suite 100
Columbia, Maryland 21044-3422
Phone 410-997-4888



Plan
Scale 1" = 50'
FOR REVISION 1 ONLY

**PROP. 24" S.D. FROM STUB TO M-2 DESIGNED FOR POSSIBLE FUTURE DEVELOPED SITE W/ 2-STORY BUILDING, 5.26 Ac. +/-, C=0.57, Tc=14.3 min., AREA 'Q'

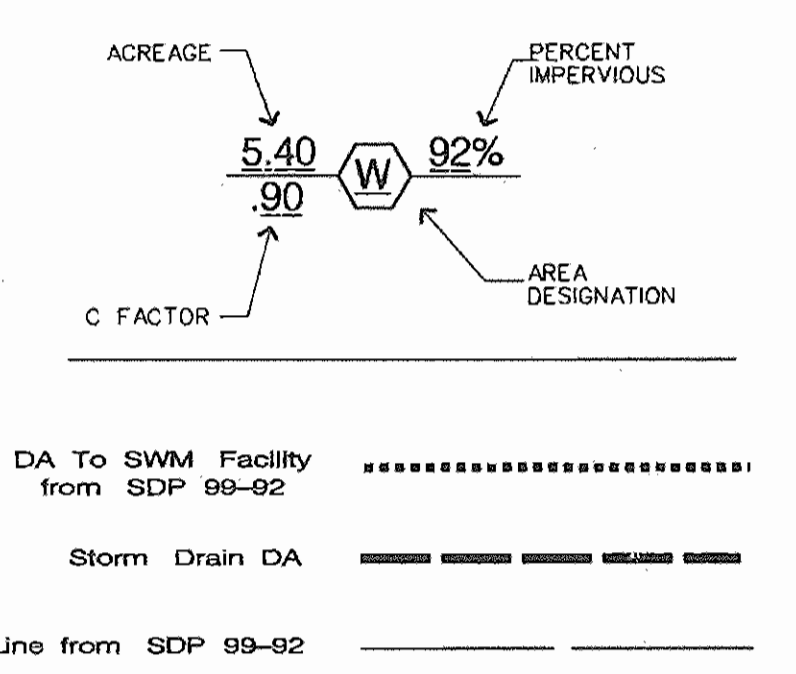
△ **PROP. 36" S.D. FROM I-21 TO M-11 DESIGNED FOR POSSIBLE FUTURE PARKING GARAGE, 2.05 Ac. +/-, C=0.95, Tc=5 min., AREA 'W'

ALL SOILS HYDROLOGIC GROUP B



BY: PATTON HARRIS RUST & ASSOCIATES, P.C.
8818 CENTER PARK DR., COLUMBIA, MD 21045

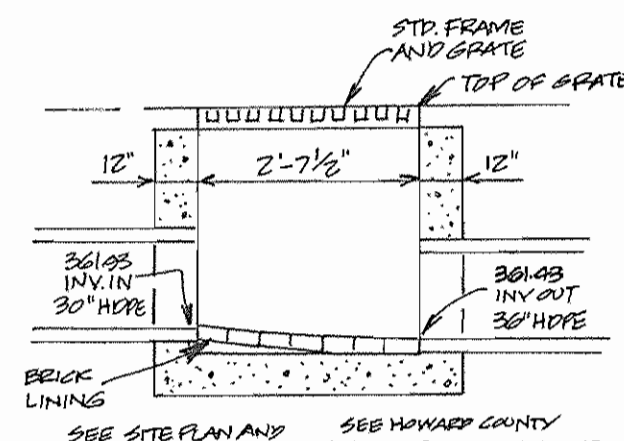
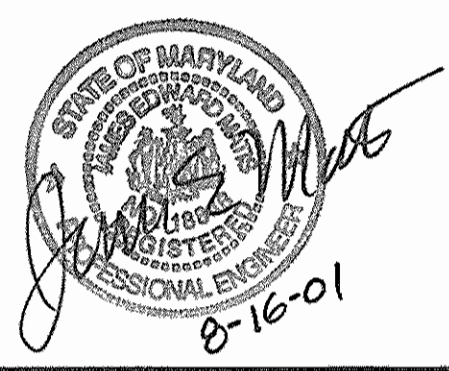
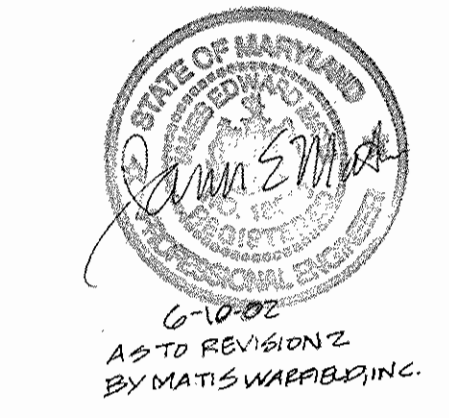
Legend



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△ Modified For Flow Through Type Double 'S' Inlet (I-21)
Not To Scale

6-10-02 △ EXTEND DRAIN I-21 TO M-12 / ADD INLET DTL / REVISE SCHEDULES
4-11-02 △ ADDED PLAZAS, MODIFIED SIDEWALK, GRADING & DRAINAGE DIVIDE

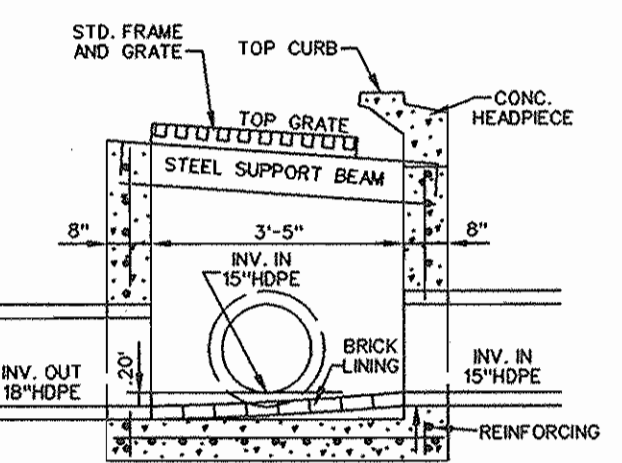
DATE	NO.	REVISION
6-10-02	1	EXTEND DRAIN I-21 TO M-12 / ADD INLET DTL / REVISE SCHEDULES
4-11-02	2	ADDED PLAZAS, MODIFIED SIDEWALK, GRADING & DRAINAGE DIVIDE

SIZE	TYPE	PIPE LENGTH-FEET
12"	HDPE	95
15"	HDPE	342
18"	HDPE	70
24"	HDPE	31
36"	HDPE	530
42"	RCCP, CL III C-76	208
30"	HDPE	142

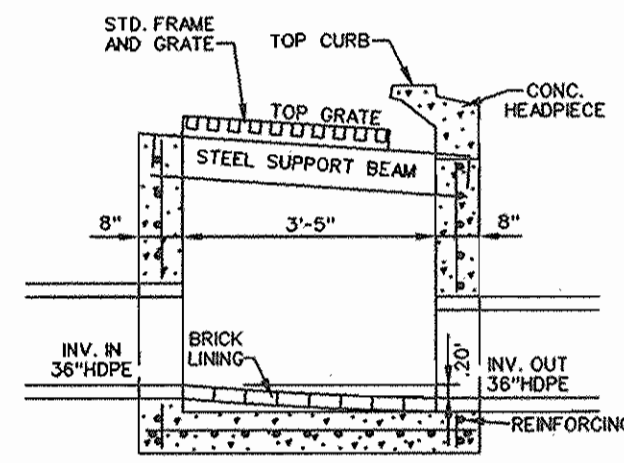
NO.	TYPE	INV. IN	INV. OUT	TOP ELEV.	REMARKS
I-14	DBL. 'S' COMB.	354.97	354.72	358.80(TC)	STD. DTL. SD 4.34
I-15	DBL. 'S' COMB.	-	355.02	358.80(TC)	STD. DTL. SD 4.34
I-16	DBL. 'S' COMB.	357.92	357.67	362.20(TC)	STD. DTL. SD 4.34
I-17	DBL. 'S' COMB.	-	358.40	362.20(TC)	STD. DTL. SD 4.34
I-18	DBL. 'S' COMB.	-	361.11	366.80(TC)	STD. DTL. SD 4.34
I-19	'S' COMB.	358.11	357.91	364.70(TC)	STD. DTL. SD 4.32
I-19A	YARD INLET	358.46	362.00(TC)	STD. DTL. SD 4.14	
I-20	DBL. 'S' COMB.	357.50	357.30	365.30(TC)	STD. DTL. SD 4.34
I-21	DBL. 'S' INLET	361.93	361.43	367.00(TC)	STD. DTL. SD 4.23

NO.	TYPE	INV. IN	INV. OUT	TOP ELEV.	REMARKS
M-1	6" MANHOLE	332.72	332.52	342.00	STD. DTL. G 5.03
M-2	6" MANHOLE***	340.62	337.12	360.50	STD. DTL. G 5.03
M-9	6" MANHOLE	351.32	347.82	359.60	STD. DTL. G 5.03
M-10	4" SH. MANHOLE	355.39	355.19	361.70	STD. DTL. G 5.05
M-10A	4" SH. MANHOLE	359.93	359.68	364.10	STD. DTL. G 5.12
M-11	5" MANHOLE	360.02	359.82	367.80	STD. DTL. G 5.13
RT-1	REDUCING TEE	357.75	356.88	-	36"x15" HDPE FITTING
E-1	42" CONC. END SECT.	332.08	332.00	-	STD. DTL. SD 5.51
E-2	FLARED END SECT.	361.70	361.43	-	36" HDPE
M-12	5" MANHOLE	368.00	368.30	375.00	STD. DTL. G 5.13

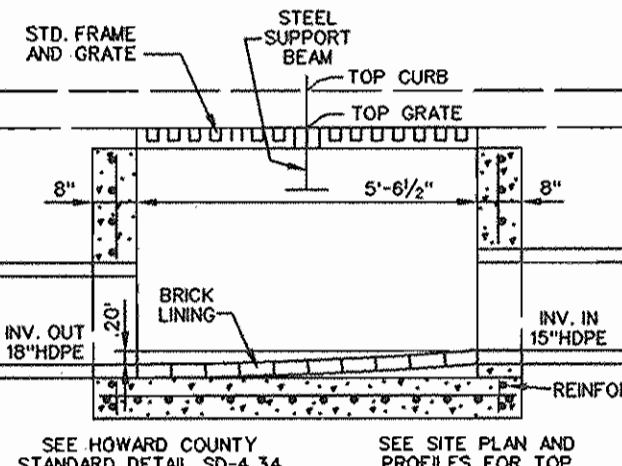
*** WITH INTERMEDIATE LANDINGS PER STANDARD DETAIL G-5.19



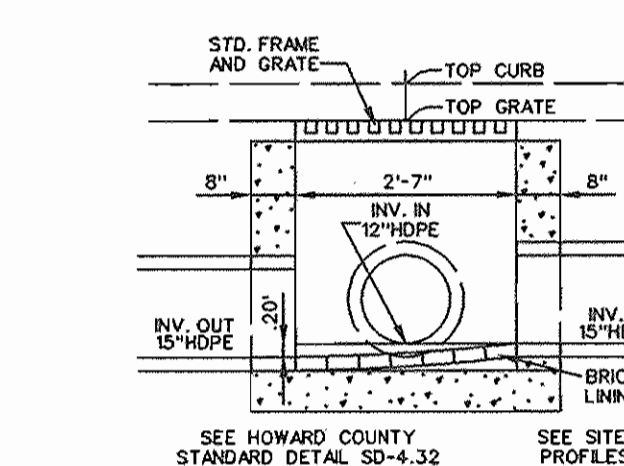
△ Modified For Flow Through Double Type 'S' Comb. Inlet (I-16)
Not To Scale



△ Modified For Flow Through Double Type 'S' Comb. Inlet (I-20)
Not To Scale



△ Modified For Flow Through Double Type 'S' Comb. Inlet (I-14)
Not To Scale

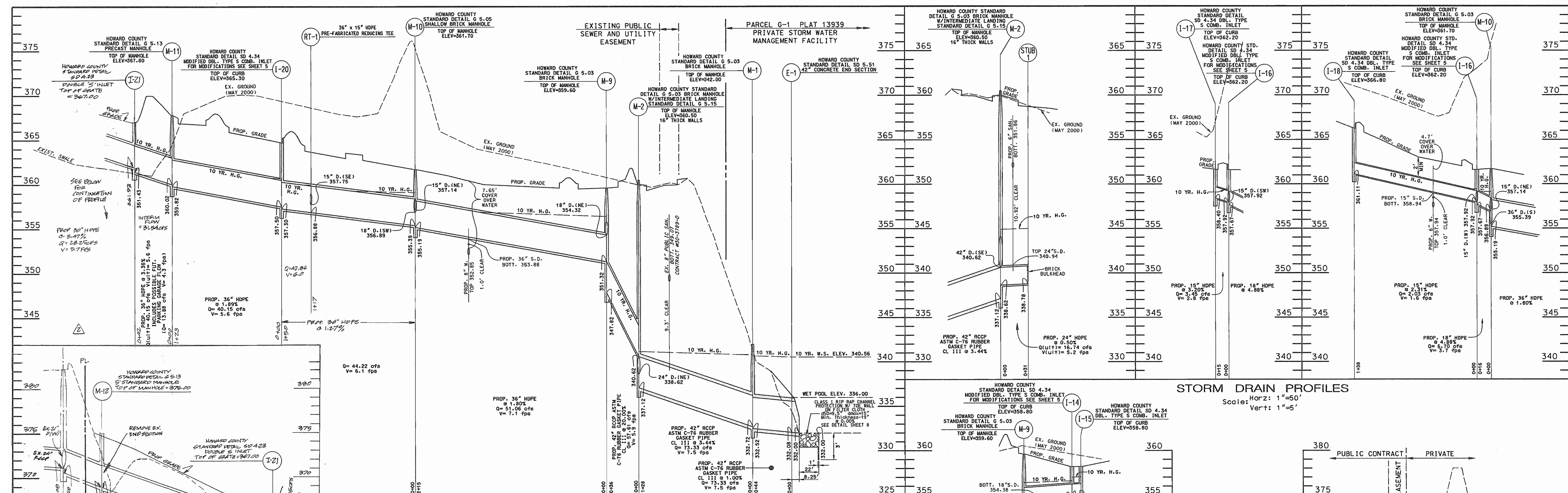


△ Modified For Flow Through Type 'S' Comb. Inlet (I-19)
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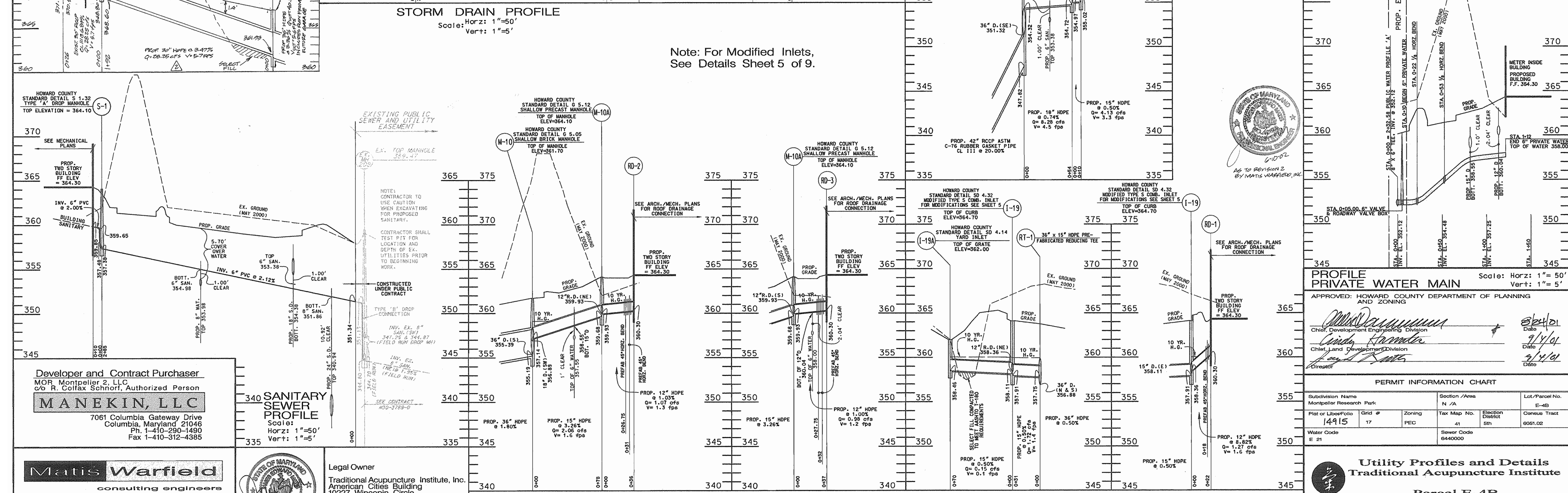
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Chief, Development Engineering Division: [Signature] Date: 8/24/01
 Chief, Land Development Division: [Signature] Date: 9/14/01
 Director: [Signature] Date: 9/14/01

PERMIT INFORMATION CHART					
Subdivision Name	Montpelier Research Park	Section / Area	N / A	Lot / Parcel No.	E-4B
Plot or Liber/Folio	14915	Zoning	PEC	Tax Map No.	41
Water Code	E 21	Election District	6th	Census Tract	6051.02
		Sewer Code	6440000		

Storm Drainage Area Map
Traditional Acupuncture Institute
Parcel E-4B
Montpelier Research Park
Howard County, Maryland
Scale: As Shown
SDP 01-151
Sheet 5 of 9
August 16, 2001



Note: For Modified Inlets, See Details Sheet 5 of 9.



Developer and Contract Purchaser
MOR Montpelier 2, LLC
c/o R. Colfax Schnorr, Authorized Person
MANEKIN, LLC
7061 Columbia Gateway Drive
Columbia, Maryland 21046
Ph. 1-410-290-1490
Fax 1-410-312-4385

Matis Warfield
consulting engineers
10540 York Road, Suite M
Hunt Valley, Maryland 21038
Tel: 410-883-7034
fax: 410-883-1798
www.matiswarfield.com



Legal Owner
Traditional Acupuncture Institute, Inc.
American Cities Building
10227 Wincopin Circle
Suite 100
Columbia, Maryland 21044-3422
Phone 410-997-4888

PROFILE PRIVATE WATER MAIN
Scale: Horz: 1"=50'
Vert: 1"=5'

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature]
Chief, Development Engineering Division
Date: 9/1/01

[Signature]
Chief, Land Development Division
Date: 9/1/01

PERMIT INFORMATION CHART

Subdivision Name Montpelier Research Park	Section /Area N/A	Lot/Parcel No. E-4B
Plot or Liber/Folio 14915	Zoning PEC	Tax Map No. 41
Water Code E 21	Electron District 5th	Consue Tract 0091.02
Sewer Code 6440000		

Utility Profiles and Details
Traditional Acupuncture Institute

Parcel E-4B
Montpelier Research Park

Howard County, Maryland
Scale: As Shown

SDP 01-151
Sheet 6 of 9
August 16, 2001

6-10-02	REV. PROFILE EXTEND DRAIN FROM I-21-M12
DATE	REVISION

SDP-01-151

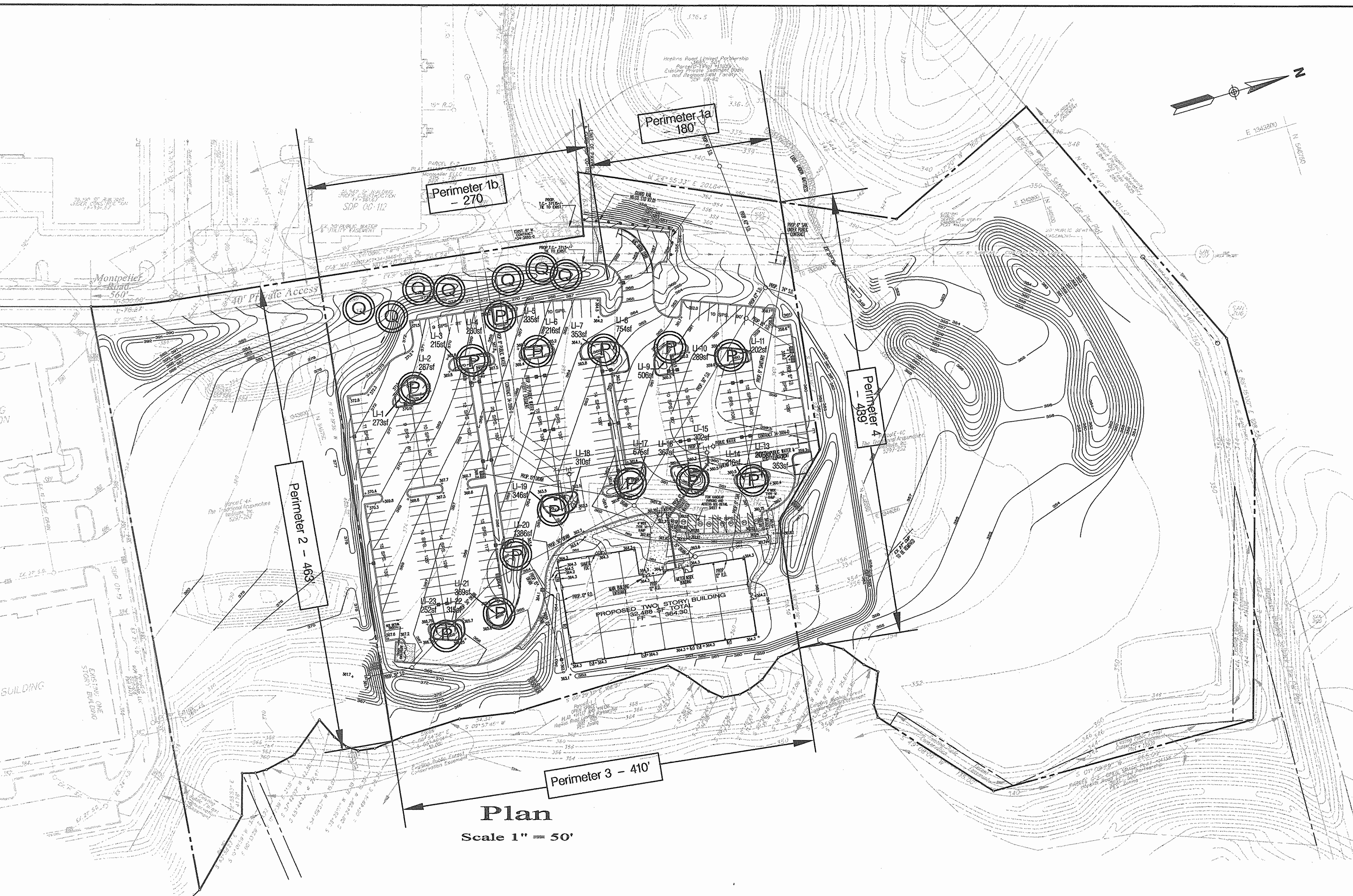
PLANTING NOTES:

- All plant materials shall conform to the sizes given in the plant list and shall be nursery grown in accordance with the "American Standard for Nursery Stock", latest edition.
- All planting shall be in accordance with standard American Association of Nurserymen procedures and specifications.
- Quantities shown on the plant list are for the Contractor's convenience only and are not guaranteed to be accurate. In the event of a discrepancy between quantities shown on the plan and quantities shown on the plant list, the quantities on the plan shall apply.
- Obtain approval from Landscape Architect or Owner's Representative before making any substitutions or changes.
- Contractor and Owner's Representative shall verify the correct location of all underground utilities in the field prior to installation of any plant material.
- Plant material location to be staked in the field and approved by the Landscape Architect prior to planting.
- All plant beds and planting areas to be mulched to a depth of 3" unless otherwise noted on drawings or specifications.
- All plant beds shall be contained with a spaded edge unless otherwise noted on drawings.
- All areas disturbed by planting operations shall be fine graded and seeded.

Parking Lot Internal Landscaping	
Number of Parking Spaces	269
Number of Shade Trees required	269/20=14
Number of Trees Provided	
Shade Trees	14
Other (2:1 substitution)	0
Number of Islands Required (1 island/20 spaces)	14
Number of Islands Provided	23*

*Qualifying areas of landscape islands minimum width of 12' and minimum area of 200 sf shown thus: LI-13 208sf

Perimeter	Adjacent to Perimeter Property				Adjacent to Roadways	
	1a	2	3	4	B	1b
Landscape Type	A	A	A	A	B	E
Linear Feet of Roadway Frontage/Perimeter	180	463	410	439	80'	270'
Credit for Existing Vegetation	0	0	0	0	0	0
Credit for Wall, Fence, or Berm (yes, no, Linear Feet)	0	0	0	0	0	Yes 270 Linear Feet Berm
Number of Plants Required	Property lines between interior parcels within Montpelier Research Park or dedicated open space. No screening or buffering required					
Shade Trees	0	0	0	0	0	0
Evergreen Trees	0	0	0	0	0	0
Shrubs	0	0	0	0	0	Substitute Berm
Number of Plants Provided						
Shade Trees	0	0	0	0	0	7
Evergreen Trees	0	0	0	0	0	0
Small Flowering Trees	0	0	0	0	0	0
Shrubs	0	0	0	0	0	0

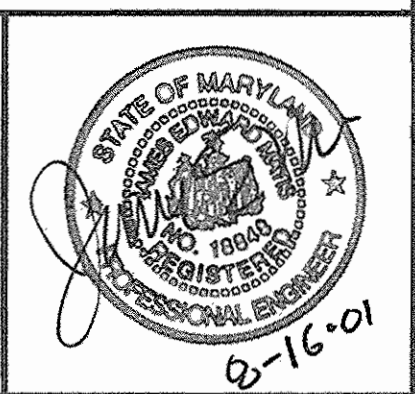


Plan
Scale 1" = 50'

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL.
FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPERS AGREEMENT IN THE AMOUNT OF \$ 6,300.00.
THE OWNER, TENANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, INCLUDING BOTH PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED.

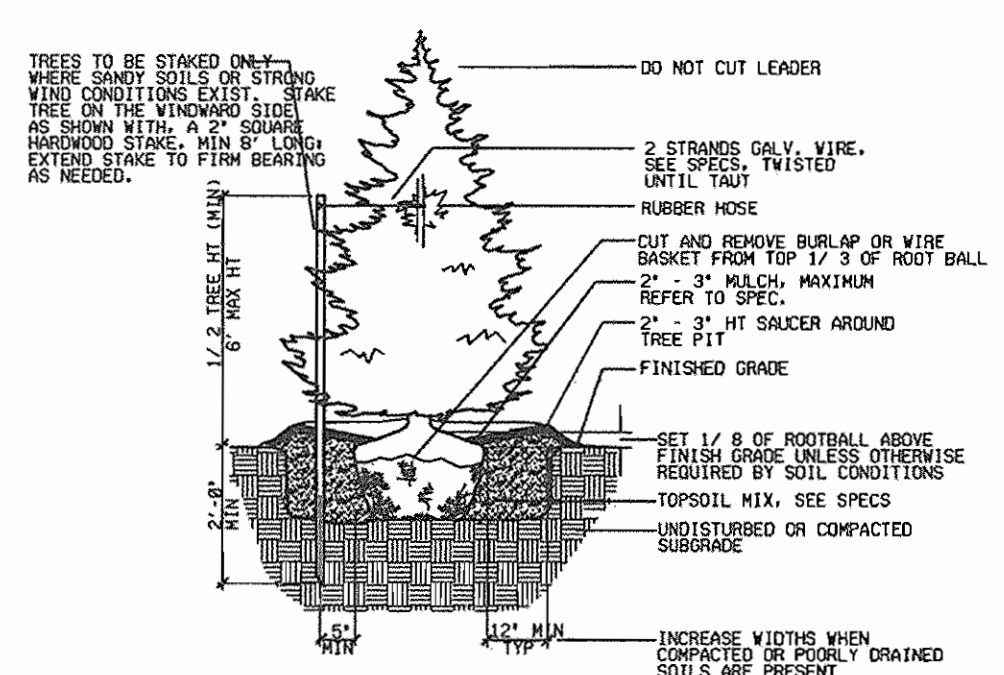
Developers/Builder's Certificate
I/We certify that the landscaping shown on this plan will be done according to the plan, Section 16.124 of the Howard County Code and the Howard County Landscape Manual.
I/We further certify that upon completion a Certification of Landscape Installation, accompanied by an executed one year guarantee of plant materials, will be submitted to the Department of Planning and Zoning.

Matis Warfield
consulting engineers
10540 York Road Suite 300
Hunt Valley, Maryland 21096
Phone 410-683-7000
Fax 410-683-1700
www.matiswarfield.com

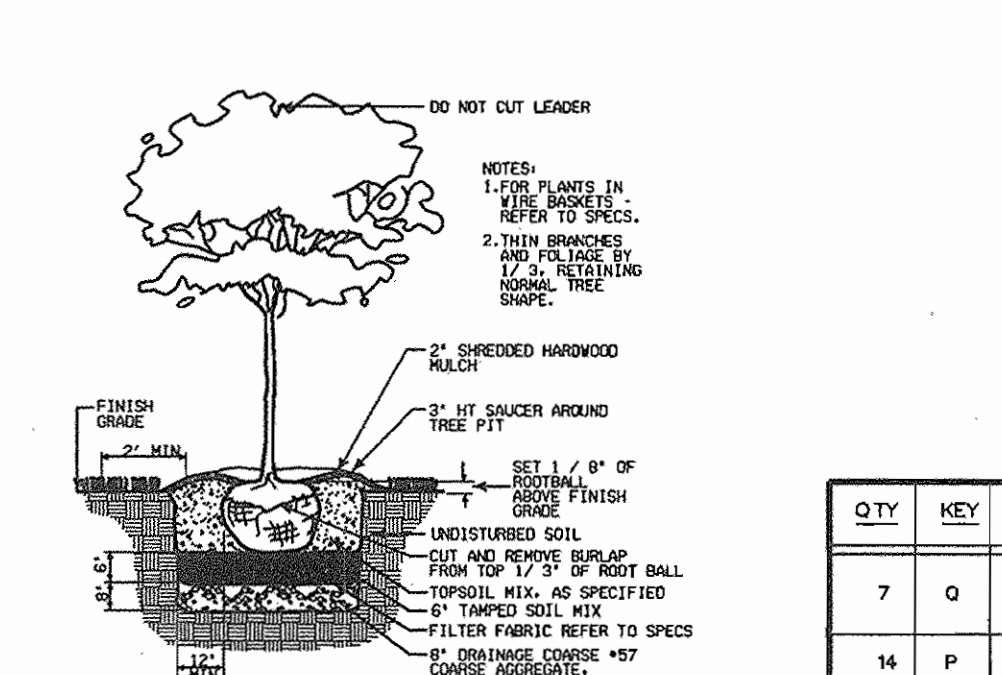


Legal Owner (current):
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Fax 1-410-312-4385



3 TYPICAL EVERGREEN TREE PLANTING
L-1 NOT TO SCALE



4 TYPICAL DECIDUOUS TREE PLANTING
L-1 NOT TO SCALE

QTY	KEY	BOTANICAL/COMMON NAME	SIZE	REMARKS
7	O	Quercus phellos Willow Oak	1 1/2" - 1 5/8" ht., 2.5" - 3" cal.	B-B Full
14	P	Platanus x acerifolia 'Bloodgood' Bloodgood London Planetree	1 1/2" - 1 5/8" ht., 2.5" - 3" cal.	B-B Full

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Chief, Development Engineering Division
Chief, Land Development Division
Director

8/24/01
9/4/01
9/4/01

PERMIT INFORMATION CHART				
Subdivision Name Montpelier Research Park	Section / Area N / A	Lot / Parcel No. E-4B	Plat or Liber/Folio 14915	Grid # 17
Zoning PEC	Tax Map No. 41	Election District 5th	Consent Tract 6051.02	Water Code E 21
		Sewer Code 6440000		

Landscape Plan
Traditional Acupuncture Institute
Parcel E-4B
Montpelier Research Park

Howard County, Maryland
Scale: As Shown

Sheet 9 of 9
SDP 01-151
August 16, 2001