

PRELIMINARY EQUIVALENT SKETCH PLAN JORDAN OVERLOOK

**BUILDABLE LOTS 1 THRU 10 AND OPEN SPACE LOT 11
PARCEL No. 309 & A RESUBDIVISION OF LOT 61A, DALTON, SECTION 4B, P.B. 10, F. 15**

ZONING: R-20

TAX MAP No. 30 GRID No. 10 PARCEL No. 309 & 227 (LOT 61A)

SHEET INDEX

| SHEET NO. | DESCRIPTION |
|-----------|---|
| 1 | TITLE SHEET |
| 2 | PRELIMINARY EQUIVALENT SKETCH PLAN AND LANDSCAPE PLAN |
| 3 | SCHEMATIC GRADING & SEDIMENT CONTROL PLAN |
| 4 | PRELIMINARY ROAD PROFILES AND TYPICAL SECTION |
| 5 | STORM DRAIN DRAINAGE AREA MAP AND SOILS MAP |

COORDINATE TABLE

| Point | North | East |
|-------|-------------------|--------------------|
| 405 | N 570863.75165795 | E 1359156.89893706 |
| 407 | N 571003.35750122 | E 1359295.68788157 |
| 410 | N 571308.73474233 | E 1359504.54958791 |
| 412 | N 571493.00167755 | E 1359017.46573283 |
| 413 | N 571607.67371000 | E 1359026.14417000 |
| 414 | N 571805.24264000 | E 1359349.68899000 |
| 416 | N 571926.18783872 | E 1359571.20236709 |
| 401 | N 570730.23335654 | E 1359326.03383171 |
| 403 | N 570806.05247736 | E 1359287.13601757 |

MINIMUM LOTS SIZE CHART

| LOT No. | GROSS AREA | PIPESTEM AREA | MINIMUM LOT SIZE |
|---------|----------------|---------------|------------------|
| 5 | 20,504 Sq. Ft. | 499 Sq. Ft. | 20,005 Sq. Ft. |
| 6 | 20,947 Sq. Ft. | 947 Sq. Ft. | 20,000 Sq. Ft. |
| 7 | 24,344 Sq. Ft. | 1,455 Sq. Ft. | 22,889 Sq. Ft. |
| 8 | 20,129 Sq. Ft. | 127 Sq. Ft. | 20,002 Sq. Ft. |

ROADWAY INFORMATION CHART

| ROAD NAME | CLASSIFICATION | DESIGN SPEED | R/W WIDTH |
|-------------------|---------------------|--------------|-----------|
| JORDAN RIVER ROAD | PUBLIC ACCESS PLACE | 25 M.P.H. | 50' |

TRAFFIC CONTROL SIGNS

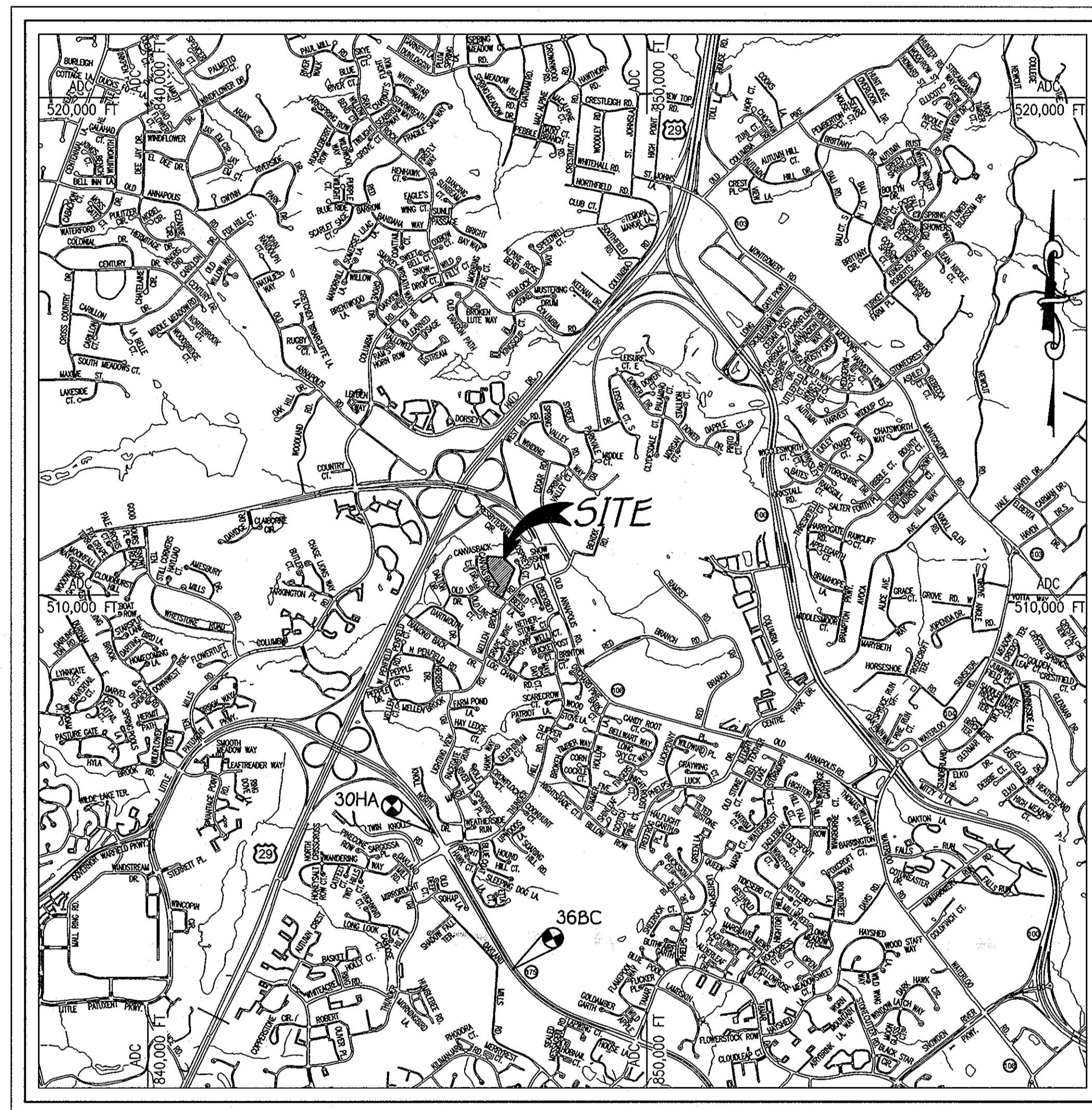
| ROAD NAME | CENTERLINE STA. | OFFSET | POSTED SIGN | SIGN CODE |
|-------------------|-----------------|---------|----------------|-----------|
| JORDAN RIVER ROAD | STA. 0+30 | 17' LT. | STOP | R1-1 |
| JORDAN RIVER ROAD | STA. 1+00 | 14' RT. | SPEED LIMIT 25 | R2-1 |

STREET LIGHT CHART

| STREET NAME | STATION | OFFSET | FIXTURE/POLE TYPE |
|--------------------------------|----------------|---------|--|
| JORDAN RIVER ROAD | STA. 0+27 | 20' RT. | 150-WATT PREMIER HP.S. VAPOR COLONIAL POST TOP FIXTURE MOUNTED ON A 14-FOOT BLACK FIBERGLASS POLE. |
| JORDAN RIVER ROAD | STA. 3+60 | 15' RT. | 100-WATT PREMIER HP.S. VAPOR COLONIAL POST TOP FIXTURE MOUNTED ON A 14-FOOT BLACK FIBERGLASS POLE. |
| JORDAN RIVER ROAD (Cul de Sac) | L.P. STA. 1+54 | 3' LT. | 100-WATT PREMIER HP.S. VAPOR COLONIAL POST TOP FIXTURE MOUNTED ON A 14-FOOT BLACK FIBERGLASS POLE. |

LEGEND

| SYMBOL | DESCRIPTION |
|-----------|-------------------------------|
| ---250--- | EXISTING CONTOUR 2' INTERVAL |
| ---260--- | EXISTING CONTOUR 10' INTERVAL |
| ---250--- | PROPOSED CONTOUR 2' INTERVAL |
| ---260--- | PROPOSED CONTOUR 10' INTERVAL |
| +261.50 | SPOT ELEVATION |
| SF | SILT FENCE |
| SSF | SUPER SILT FENCE |
| FF | FIRST FLOOR ELEVATION |
| BE | BASEMENT ELEVATION |
| ----- | LIMIT OF DISTURBANCE |
| ⊗ | PROPOSED STREET TREE |
| ⊗ | STEEP SLOPES (15% TO 24.99%) |
| ~~~~~ | EXISTING TREELINE |
| ~~~~~ | PROPOSED TREELINE |
| --- | STRUCTURES TO BE REMOVED |
| --- | 10' TREE MAINTENANCE EASEMENT |



VICINITY MAP

REFERENCE: ADC MAP 16

SCALE: 1" = 2000'

SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

GENERAL NOTES

- THIS SUBDIVISION PLAN IS IN COMPLIANCE WITH THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND ZONING REGULATIONS AND THE 2004 ZONING REGULATIONS PER COUNCIL BILL NO. 49-2003 AND THE ZONING REGULATIONS AS AMENDED BY COUNCIL BILL NO. 75-2003. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS OR PARCELS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF A BUILDING OR GRADING PERMIT APPLICATION.
- THE SUBJECT PROPERTY IS ZONED R-20 PER THE 2/2/04 COMPREHENSIVE ZONING PLAN AND THE "COP" LITE ZONING AMENDMENTS EFFECTIVE 7/28/06.
- a. GROSS AREA OF TRACT = 5.995 AC.
b. AREA OF PROPOSED ROAD RIGHT OF WAY = 0.726 AC.
c. AREA OF PROPOSED BUILDABLE LOTS = 4.731 AC.
d. AREA OF PROPOSED OPEN SPACE LOTS = 0.538 AC.
- OPEN SPACE TABULATION
a. GROSS AREA OF TRACT = 5.995 AC.
b. REQUIRED OPEN SPACE = 63 x 5.995 AC. = 0.360 AC.
c. PROVIDED OPEN SPACE = 0.477 AC. (CREDITED: 0.538 AC. (TOTAL))
- NUMBER OF LOTS PROPOSED BUILDABLE = 10 OPEN SPACE = 1
- PUBLIC WATER AND SEWER SHALL BE UTILIZED WITHIN THIS DEVELOPMENT. CONTRACT NO. 24-4463-D PUBLIC WATER AND SEWER ARE IN THE LITTLE PATUXENT DRAINAGE AREA.
- SOILS INFORMATION TAKEN FROM SOIL MAP NO. 16, SOIL SURVEY, HOWARD COUNTY, MARYLAND, JULY, 1968 ISSUE.
- BOUNDARY OUTLINE BASED ON FIELD RUN SURVEY PERFORMED BY FISHER, COLLINS & CARTER, INC. DATED JANUARY 20, 2007.
- TOPOGRAPHIC CONTOURS BASED ON FIELD RUN SURVEY BY FISHER COLLINS AND CARTER INC. DATED FEBRUARY 5, 2007.
- ALL AREAS OF SLOPES 15% - 24.9% AND 25% OR GREATER LOCATED ON THIS PROPERTY IS AS DEFINED BY THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, SECTION 16.116B. THERE ARE NO STEEP SLOPES OF 25% OR GREATER ON-SITE.
- STORMWATER MANAGEMENT WILL BE PROVIDED IN ACCORDANCE WITH THE CRITERIA CONTAINED IN THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES 1 & 2, CHAPTER 6 "BIORETENTION" CREDITS FOR INNOVATIVE SITE PLANNING. SOME OF THE 15% AND 25% WILL BE PROVIDED AND MAINTAINED BY UTILIZING NON-STRUCTURAL BEST MANAGEMENT PRACTICES IN ACCORDANCE WITH CHAPTER 5 OF THE DESIGN MANUAL. THE REMAINING REQUIREMENTS WILL BE ADDRESSED WITH ONE POCKET POND FACILITY AND SIX BIORETENTION FACILITIES. CDP IS REQUIRED BECAUSE THE 1 YEAR STORM IS GREATER THAN THE 2.0% MANDATED BY THE FORECASTING MANUAL. CDP IS PROVIDED WITHIN THE PROPOSED POCKET POND FACILITY. A 6" TO 12" CLAY POND LINER WILL BE REQUIRED FOR THE POCKET POND.
- THE TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY HARS GROUP, DATED DECEMBER 2006.
- THE FOREST STAND DELINEATION AND WETLAND DELINEATION FOR THIS PROJECT WAS PREPARED BY ECO-SCIENCE PROFESSIONALS, INC., DATED JUNE 2007. NO WETLANDS EXIST ON-SITE.
- THIS PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT.
- FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD R/W LINE AND NOT THE PIPESTEM LOT DRIVEWAY.
- 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 NO. 309A & 36BC WERE USED FOR THIS PROJECT. HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS:
HOWARD COUNTY MONUMENT NO. 309A N 566030.60 ELEV. = 387.036
E 1357999.57
HOWARD COUNTY MONUMENT NO. 36BC N 563264.10 ELEV. = 410.028
E 1359585.74
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE STREAM, THEIR REQUIRED BUFFERS OR THE PROPOSED FOREST CONSERVATION EASEMENT AREAS. NO WETLANDS OR FLOODPLAIN ARE LOCATED ON THIS PROPERTY.
- THE FOREST CONSERVATION REQUIREMENTS PER SECTION 16.120 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL FOR THIS PROJECT WILL BE FULFILLED THROUGH THE OFFSITE REFORESTATION OF 2.8 ACRES. ON TAX MAP NO. 6, TAX PARCEL NO. 19, PROPERTY OF HOWARD HUNT PROPERTIES INC., LIBRES 0006, FOLIO 186.
- LANDSCAPING AND STREET TREES FOR THIS SUBDIVISION WILL BE PROVIDED ON THE FINAL PLANS IN ACCORDANCE WITH SECTION 16.124 OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE HOWARD COUNTY LANDSCAPE MANUAL.
- THE PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.
- THERE IS NO FLOODPLAIN ON THIS SITE.
- NO NOISE STUDY IS REQUIRED FOR THIS PROJECT PER HOWARD COUNTY DESIGN MANUAL, VOL. III, SECTION 5.2.9. DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO ENSURE
- SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING OPENING REQUIREMENTS:
A) WIDTH - 12 FEET (6 FEET SERVING MORE THAN ONE RESIDENCE)
B) SURFACE - SIX (6) INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND GRIP COATING
C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM 45 FOOT TURNING RADIUS
D) STRUCTURES (GILBERTS/BRIDGES) CAPABLE OF SUPPORTING 25 GROSS TONS (25 TONS LOADING)
E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE
F) STRUCTURE CLEARANCES - MINIMUM 12 FEET
G) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE
- DRIVEWAYS SHALL BE PROVIDED IN ACCORDANCE WITH HOWARD COUNTY STANDARD DETAIL R-606 IN THE VOLUME IV DESIGN MANUAL.
- THE GEOTECHNICAL REPORT FOR THIS PROJECT WAS PREPARED BY HILLIS-CARNE ENGINEERING ASSOCIATES, DATED JANUARY, 2009
- THE EXISTING WELLS ON PARCEL 309, SHOWN ON SHEET 2, WILL BE ABANDONED BY A LICENSED WELL DRILLER AND STATE FORMS SUBMITTED AS DOCUMENTATION PRIOR TO FINAL RECORD PLAT SIGNATURE.
- ALL EXISTING STRUCTURES SHOWN ON-SITE ON SHEET 2 ARE TO BE RAZED. SPRING HOUSE ON OPEN SPACE LOT 11 TO REMAIN.
- PRIOR HOWARD COUNTY CASE NUMBERS ASSOCIATED WITH THIS PROJECT - (LOT 61A, P/B 10, F/15)
- ARTICLES OF INCORPORATION OF THE JORDAN OVERLOOK HOMEOWNERS ASSOCIATION, INC. WILL BE FILED WITH THE STATE DEPARTMENT OF ASSESSMENTS AND TAXATION.
- A LANDSCAPING SURETY WILL BE REQUIRED AS PART OF THE DEVELOPER'S AGREEMENT AT FINAL PLAN STAGE.
- ALL LOT AREAS ARE MORE OR LESS (*).
- DISTANCES SHOWN ARE BASED ON SURFACE MEASUREMENT AND NOT REDUCED TO NAD '83 GRID MEASUREMENT.
- NO HISTORIC STRUCTURES OR CEMETERIES EXIST ON THE SUBJECT PROPERTY.
- THE USE-IN-COMMON DRIVEWAY MAINTENANCE AGREEMENTS FOR LOTS 5 THRU 8 WILL BE RECORDED IN THE HOWARD COUNTY LAND RECORDS OFFICE SIMULTANEOUSLY WITH THE RECORDING OF THE SUBDIVISION PLAT.
- OPEN SPACE LOT 11 WILL BE OWNED BY JORDAN OVERLOOK HOMEOWNERS ASSOCIATION, INC.
- THE STORMWATER MANAGEMENT POND WILL BE OWNED BY THE JORDAN OVERLOOK HOMEOWNERS ASSOCIATION, INC. AND JOINTLY MAINTAINED BY THE JORDAN OVERLOOK HOMEOWNERS ASSOCIATION, INC. AND HOWARD COUNTY.



TERRELL A. FISHER, P.E. 9757
11/10/09 DATE
Professional certification I hereby certify that these documents were prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 9722, Expiration Date 3-3-10.

TITLE SHEET JORDAN OVERLOOK

BUILDABLE LOTS 1 THRU 10 & OPEN SPACE LOT 11

(PARCEL No. 309 & A RESUBDIVISION OF LOT 61A, DALTON, SECTION 4B, P.B. 10, F. 15)

ZONING: R-20

TAX MAP No. 30 GRID No. 10 PARCEL No. 309, 227 (LOT 61A)

SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN DATE: NOVEMBER 10, 2009

SHEET 1 OF 5

TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY

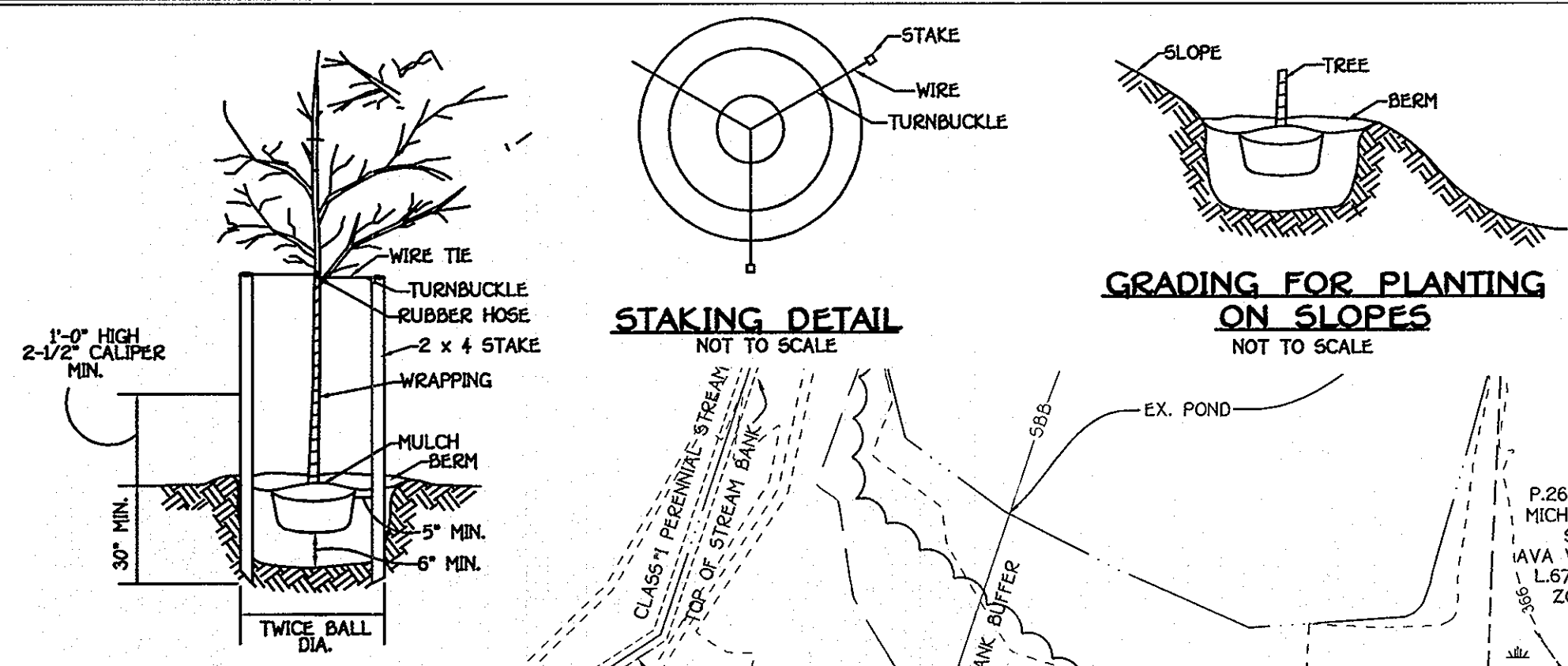
Amos S. Sells
PLANNING DIRECTOR
12/3/09
DATE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL OFFICE: 5500 W. PATUXENT ROAD, SUITE 10222, BALTIMORE, MARYLAND 21287
ELLCOTT CITY, MARYLAND 21042
4100 461 - 2899

DEVELOPER
LAND DESIGN AND DEVELOPMENT, INC.
5300 DORSEY HALL DRIVE
ELLCOTT CITY, MARYLAND 21042
443-357-0422

OWNER
RAYMOND D. & SHERRIE JORDAN
4929 CANVASBACK DRIVE
COLUMBIA, MARYLAND 21045
443-677-6994

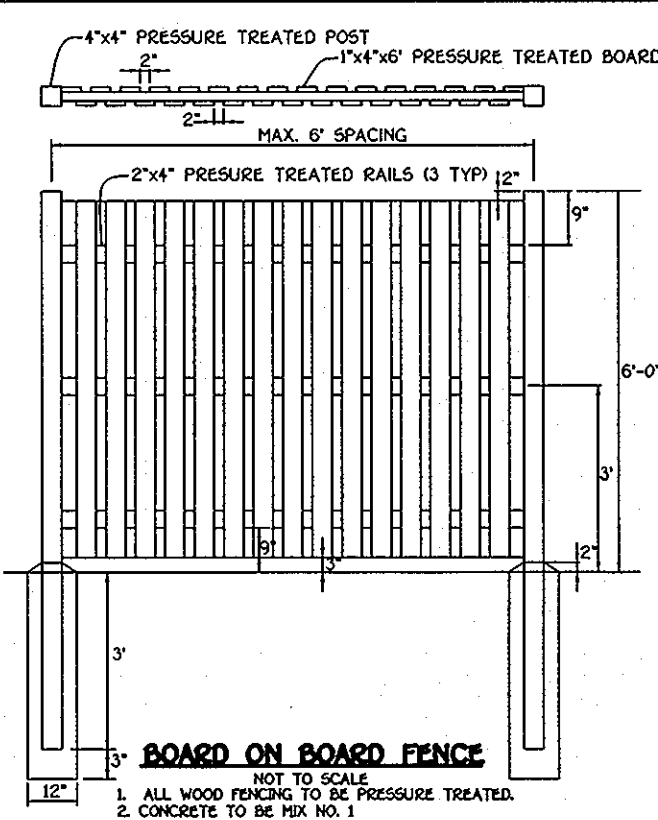
5P 09-010



STREET TREE SCHEDULE

| SYMBOL | QTY. | BOTANICAL AND COMMON NAME | SIZE | COMMENTS |
|--------|--------------------------------------|---|---------------------|-------------------------|
| | 5111 x 2 / 40 = 25.55 25 TREES | ACER RUBRUM "OCTOBER GLORY" RED MAPLE | 2 1/2" - 3" CAL. | 40' APART ON PUBLIC R/W |
| | | FAGUS GRANDIFOLIA AMERICAN BEECH | 2 1/2" - 3" CAL. | |

NOTE: STREET TREE TYPES ARE ONLY A RECOMMENDATION AND MAY BE SUBSTITUTED WITH A COUNTY ACCEPTED EQUIVALENT FROM THE HOWARD COUNTY LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE 49 REQUIRED STREET TREES WILL BE POSTED AS PART OF THE DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$7,000.00 AT FINAL PLAN STAGE.



SCHEDULE D STORMWATER MANAGEMENT AREA LANDSCAPING

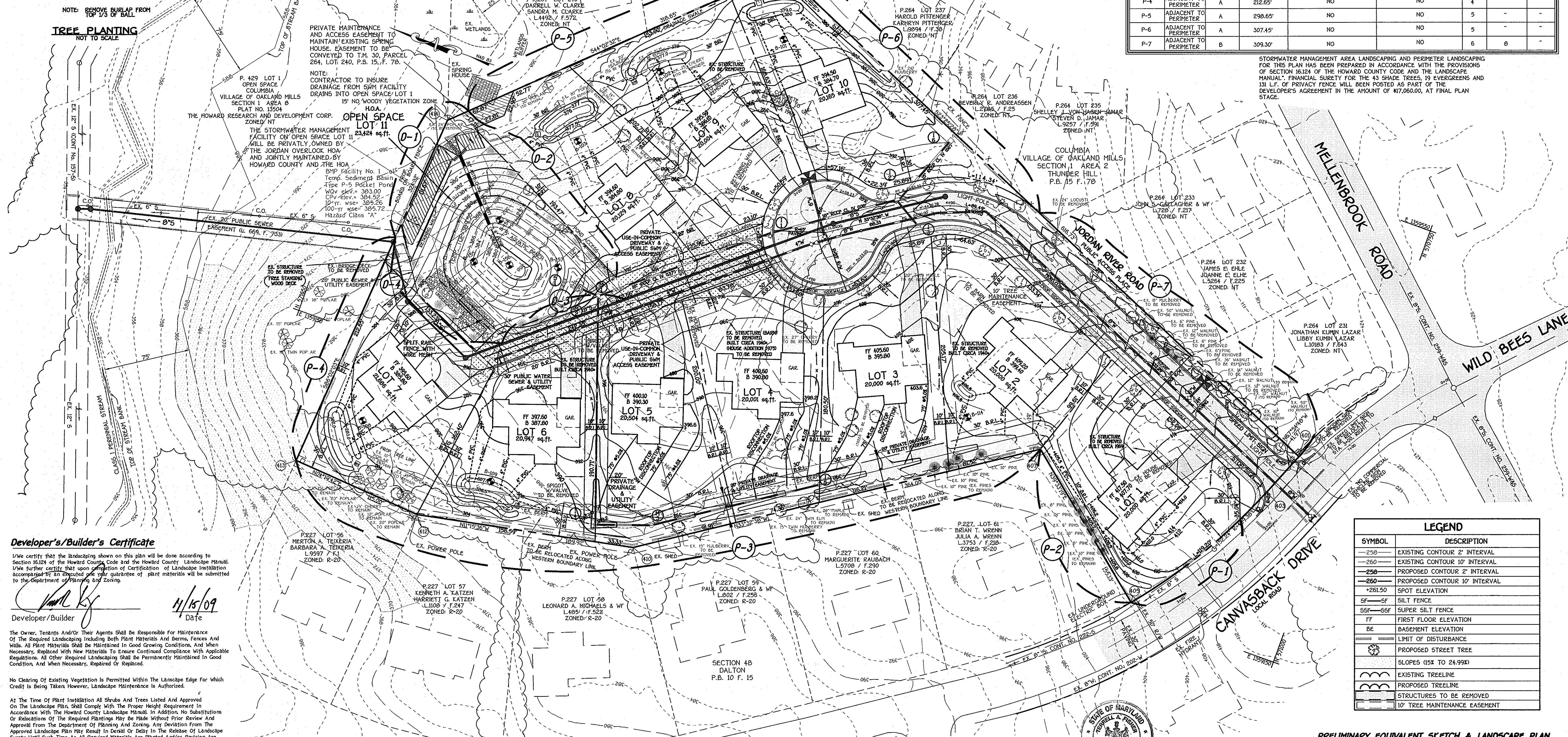
| LINEAR FEET OF PERIMETER | D-1 : 13' | D-2 : 193' | D-3 : 115' | D-4 : 13' |
|--|------------------------------------|------------|------------|-----------|
| NUMBER OF TREES REQUIRED | | | | |
| SHADE TREES | 0 | 3 | 2 | 5 |
| EVERGREEN TREES | | | | |
| CREDIT FOR EXISTING VEGETATION (NO, YES AND #) | NO | NO | NO | NO |
| CREDIT FOR WALL, FENCE OR BERM (NO, YES AND #) | 13' OF PRIVACY FENCE YES - 100% | NO | NO | NO |

NOTE: D-2 and D-4 (On Slopes) Substitutes Evergreens (Scotch Pine "Pinus Sylvestris") 21 For Shade Trees

SCHEDULE A - PERIMETER LANDSCAPING

| PERIMETER | CATEGORY (PROPERTIES/ROADWAYS) | LANDSCAPE TYPE | LINEAR FEET OF PERIMETER | CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED) | CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED) | NUMBER OF PLANTS REQUIRED | SHADE TREES | EVERGREEN TREES | SHRUBS |
|-----------|--------------------------------|----------------|--------------------------|--|--|---------------------------|-------------|-----------------|--------|
| P-1 | ADJACENT TO ROADWAY | A | 119.2' | N/A | N/A | N/A | N/A | N/A | N/A |
| P-2 | ADJACENT TO PERIMETER | A | 155.13' | NO | NO | 3 | - | - | - |
| P-3 | ADJACENT TO PERIMETER | A | 658.92' | NO | NO | 11 | - | - | - |
| P-4 | ADJACENT TO PERIMETER | A | 212.65' | NO | NO | 4 | - | - | - |
| P-5 | ADJACENT TO PERIMETER | A | 298.65' | NO | NO | 5 | - | - | - |
| P-6 | ADJACENT TO PERIMETER | A | 307.45' | NO | NO | 5 | - | - | - |
| P-7 | ADJACENT TO PERIMETER | B | 309.30' | NO | NO | 6 | 8 | - | - |

STORMWATER MANAGEMENT AREA LANDSCAPING AND PERIMETER LANDSCAPING FOR THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE 43 SHADE TREES, 19 EVERGREENS AND 131 L.F. OF PRIVACY FENCE WILL BE POSTED AS PART OF THE DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$17,000.00 AT FINAL PLAN STAGE.



Developer's/Builder's Certificate

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

[Signature] 11/15/09
Developer/Builder Date

The Owner, Tenants And/Or Their Agents Shall be Responsible for Maintenance of the Required Landscaping including Both Plant Materials And Berms, Fences And Walls. All Plant Materials Shall be Maintained in Good Growing Conditions, 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.

No Clearing of Existing Vegetation is Permitted Within the Landscape Edge for which Credit is Being Taken However, Landscape Maintenance is Authorized.

At the Time of Plant Installation All Shrubs And Trees Listed and Approved on the Landscape Plan Shall Comply with the Proper Height Requirement in Accordance with the Howard County Landscape Manual. In Addition, No Substitutions Or Reductions of the Required Landscaping May be Made Without Prior Review And Approval from the Department of Planning and Zoning. Any Deviation from the Approved Landscape Plan May Result in Denial Or Delay in the Release of Landscape Surety Until Such Time as All Required Materials are Planted And/Or Revision are Made to Applicable Plans or Certificates.

LEGEND

| SYMBOL | DESCRIPTION |
|--------|-------------------------------|
| | EXISTING CONTOUR 2' INTERVAL |
| | EXISTING CONTOUR 10' INTERVAL |
| | PROPOSED CONTOUR 2' INTERVAL |
| | PROPOSED CONTOUR 10' INTERVAL |
| | SPOT ELEVATION |
| | SILT FENCE |
| | SUPER SILT FENCE |
| | FIRST FLOOR ELEVATION |
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| | LIMIT OF DISTURBANCE |
| | PROPOSED STREET TREE |
| | SLOPES (15% TO 24.99%) |
| | EXISTING TREELINE |
| | PROPOSED TREELINE |
| | STRUCTURES TO BE REMOVED |
| | 10' TREE MAINTENANCE EASEMENT |

TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY

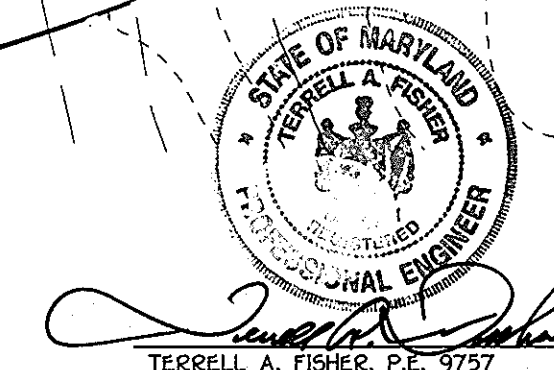
[Signature] 12/15/09
PLANNING DIRECTOR DATE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CONTINENTAL SALES OFFICE: P.O. BOX 10022 BALTIMORE NATIONAL FIRE
ELICOTT CITY, MARYLAND 21042
(410) 461-2899

PLAN
SCALE: 1" = 40'

DEVELOPER
LAND DESIGN AND DEVELOPMENT, INC.
5300 DORSEY HALL DRIVE
ELICOTT CITY, MARYLAND 21042
443-677-6994

OWNER
RAYMOND D. & SHERIE JORDON
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COLUMBIA, MARYLAND 21045
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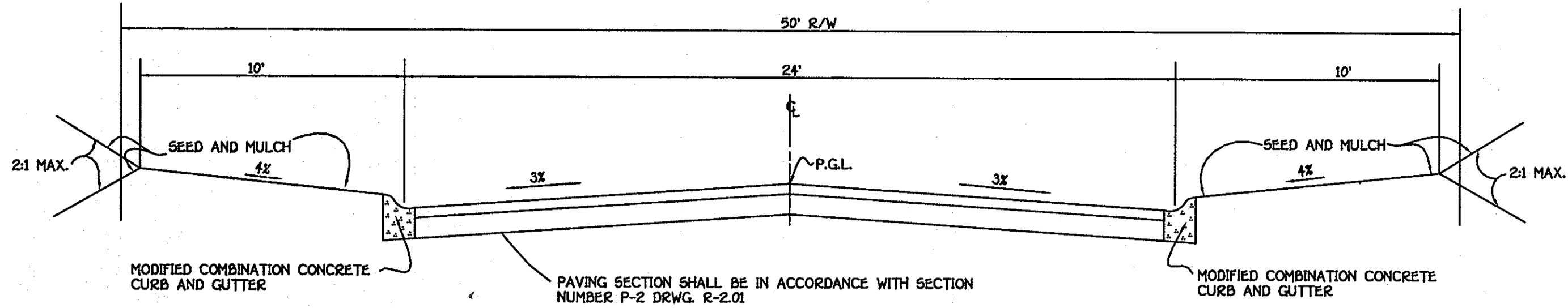


TERRELL A. FISHER, P.E. 9757
Professional certification I hereby certify that these documents were prepared by me, and that I am a duly licensed Professional Engineer under the laws of the State of Maryland, License No. 9757, Expiration Date 3-31-10.

[Signature] 11/15/09
DATE

PRELIMINARY EQUIVALENT SKETCH & LANDSCAPE PLAN
JORDAN OVERLOOK
BUILDABLE LOTS 1 THRU 10 & OPEN SPACE LOT 11
(PARCEL NO. 309 & A RESUBDIVISION OF LOT 61A, DALTON, SECTION 4B, P.B. 10, F. 15 ZONING R-20)
TAX MAP No. 30 GRID No. 10 PARCEL No. 309, 227 (LOT 61A)
SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: NOVEMBER 10, 2009
SHEET 2 OF 5

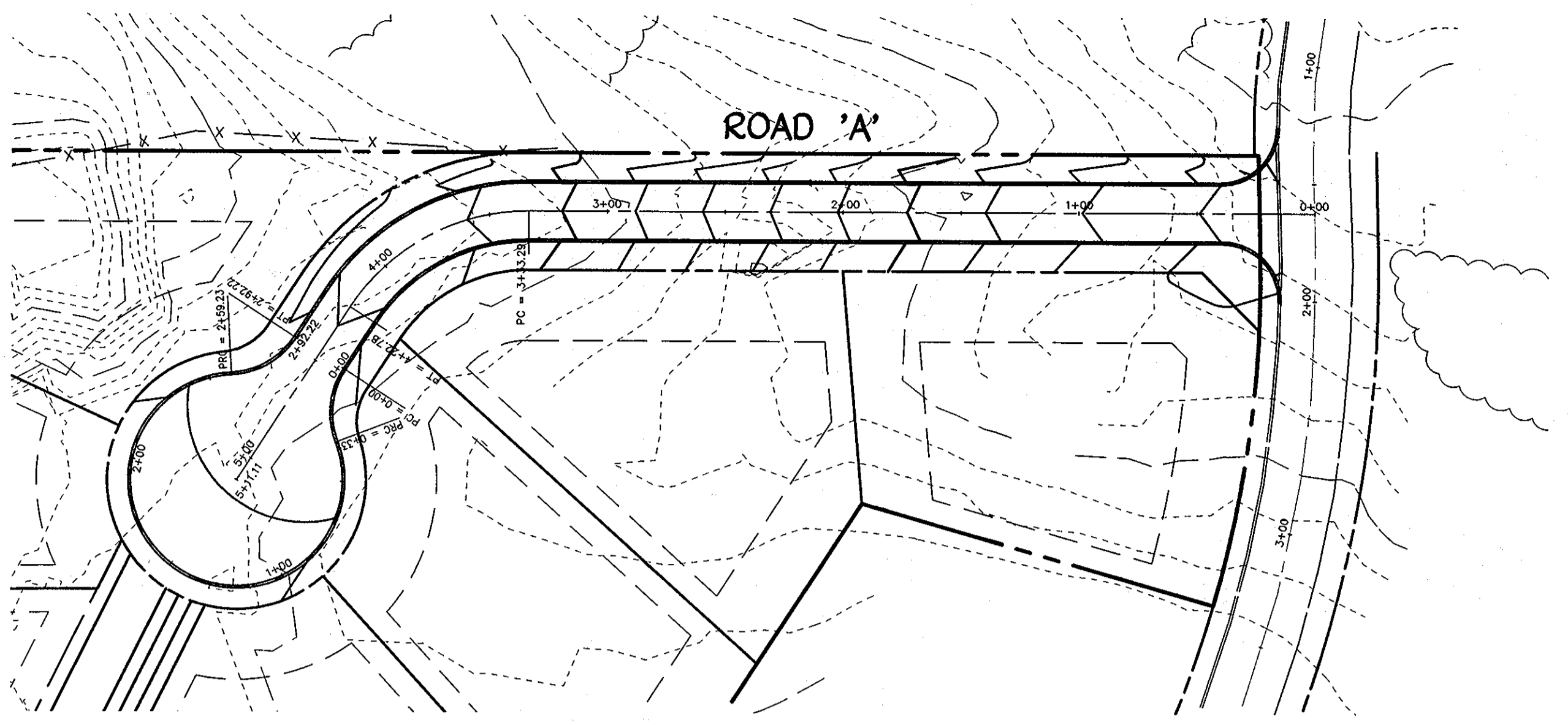
SP 09-010



NOTE:
ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME IV, STANDARD SPECIFICATION AND DETAILS FOR CONSTRUCTION.

TYPICAL ROADWAY SECTION
NO SCALE

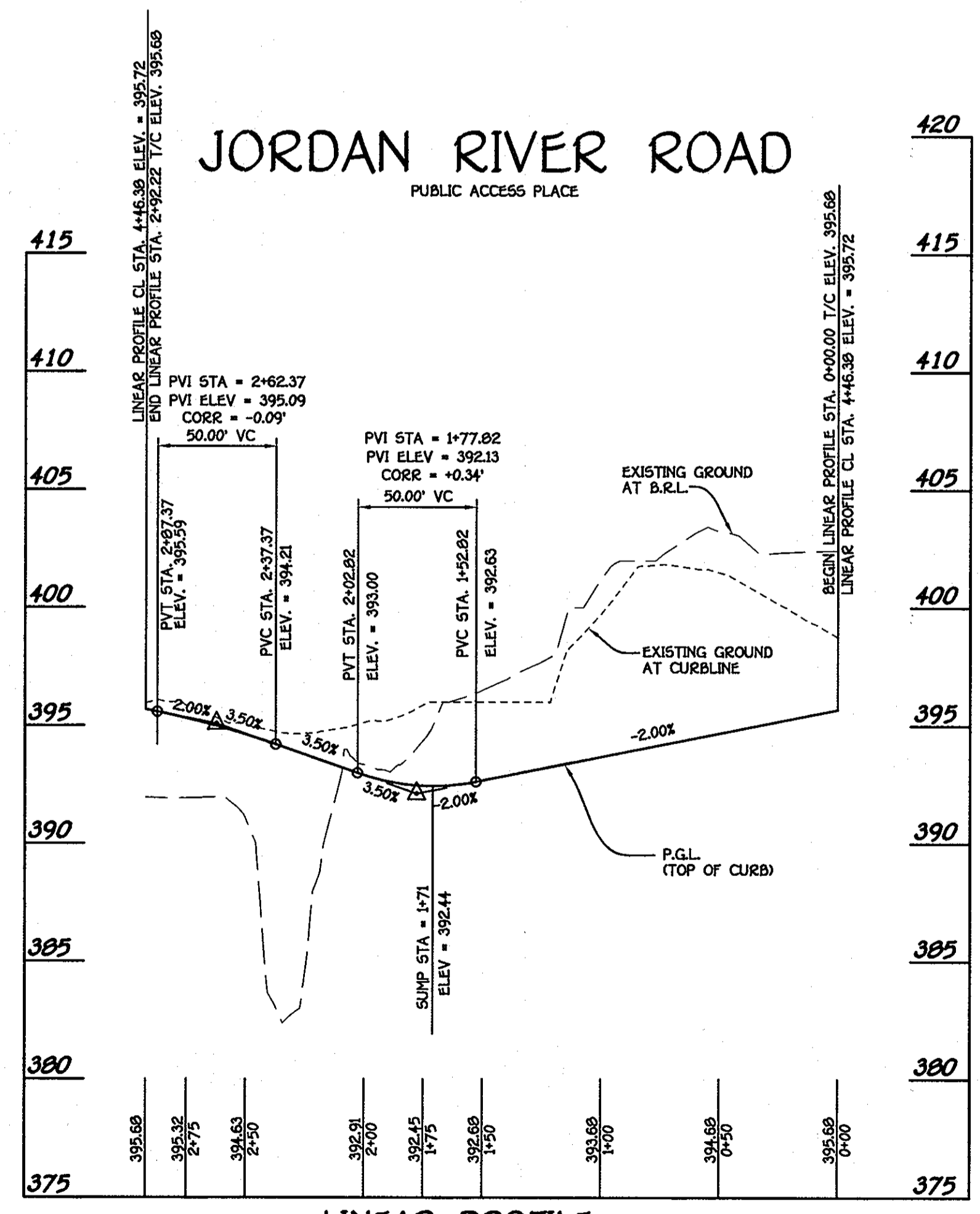
| ROADWAY INFORMATION CHART | | | | | |
|---------------------------|----------------|--------------|--------|----------------------------------|----------------|
| ROAD NAME | CLASSIFICATION | DESIGN SPEED | ZONING | STATION LIMITS | PAVING SECTION |
| ROAD 'A' | ACCESS PLACE | 25 MPH | R-20 | CL STA 0+00.00 TO CL STA 5+11.11 | P-2 |



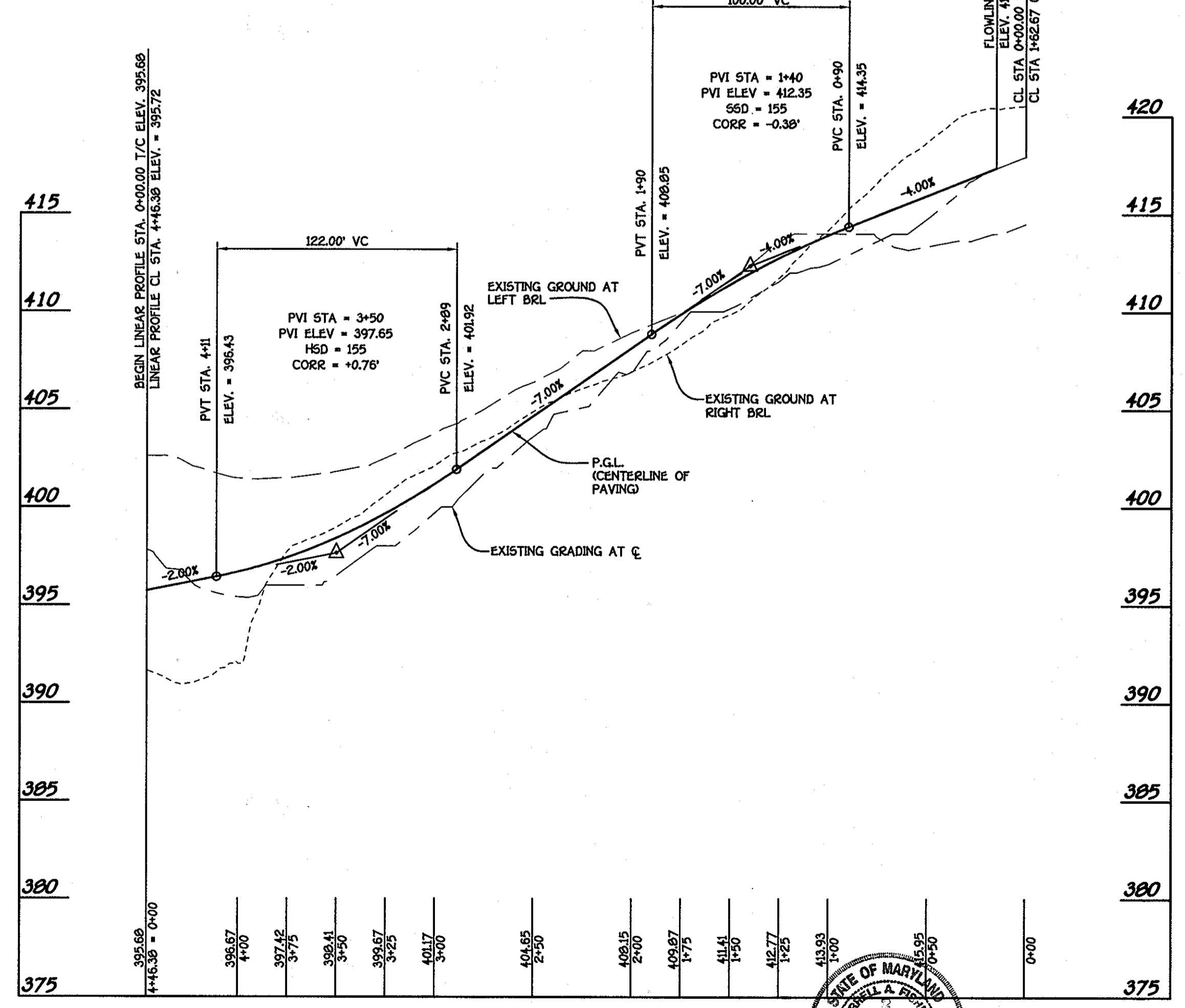
SCALE: 1" = 50'

| SECTION NUMBER | ROAD AND STREET CLASSIFICATION | CALIFORNIA BEARING RATIO (CBR) | | 3 TO <5 | | | 5 TO <7 | | | >7 | | |
|----------------|---|---|-----------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|-----------------------|-----------------------|-----|
| | | MIN HMA WITH GAB | HMA WITH CONSTANT GAB | MIN HMA WITH GAB | HMA WITH CONSTANT GAB | MIN HMA WITH GAB | HMA WITH CONSTANT GAB | MIN HMA WITH GAB | HMA WITH CONSTANT GAB | MIN HMA WITH GAB | HMA WITH CONSTANT GAB | |
| P-2 | PARKING DRIVE AISLES, RESIDENTIAL AND NON-RESIDENTIAL WITH NO MORE THAN 10 HEAVY TRUCKS PER DAY, LOCAL ROADS, ACCESS PLACE, ACCESS STREET, CUL-DE-SACS, RESIDENTIAL | PAVEMENT MATERIAL (INCHES) | | MIN HMA WITH GAB | | | HMA WITH CONSTANT GAB | | | HMA WITH CONSTANT GAB | | |
| | | HMA SUPERPAVE FINAL SURFACE 9.5 MM, PG 64-22, LEVEL 1 (ESAL) | | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| | | HMA SUPERPAVE INTERMEDIATE SURFACE 9.5 MM, PG 64-22, LEVEL 1 (ESAL) | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| | | HMA SUPERPAVE BASE 19.0 MM, PG 64-22, LEVEL 1 (ESAL) | | 2.0 | 2.0 | 2.0 | 3.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| | | GRADED AGGREGATE BASE (GAB) | | 8.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | |

JORDAN RIVER ROAD
PUBLIC ACCESS PLACE
DESIGN SPEED = 25 MPH.



LINEAR PROFILE
SCALE: HORIZ. : 1" = 50'
VERT. : 1" = 5'



PROFILE
SCALE: HORIZ. : 1" = 50'
VERT. : 1" = 5'

TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY
Thomas J. Kelly
PLANNING DIRECTOR
12/3/09
DATE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE, OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE
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4929 CANVASBACK DRIVE
COLUMBIA, MARYLAND 21045
443-677-6994

STATE OF MARYLAND
REGISTERED PROFESSIONAL ENGINEER
TERRELL A. FISHER, P.E. 9757
DATE 11/11/09
Professional certification I hereby certify that these documents were prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 9757, Expiration Date 3-3-10.

PRELIMINARY ROAD PROFILE AND TYPICAL SECTION
JORDAN OVERLOOK
BUILDABLE LOTS 1 THRU 10 & OPEN SPACE LOT 11
(PARCEL No. 309 & A RESUBDIVISION OF LOT 61A, DALTON, SECTION 4B, P.B. 10, F. 15)
ZONING: R-20
TAX MAP No. 30 GRID No. 10 PARCEL No. 309, 227 (LOT 61A)
SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: NOVEMBER 10, 2009
SHEET 4 OF 5

SP-09-010

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