## **GENERAL NOTES**

- THIS PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN
- THE SUBJECT PROPERTY IS ZONED R-SC PER THE OCTOBER 6, 2013 COMPREHENSIVE ZONING PLAN.
  THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS NO. 43EB AND 43EC WERE
- TRACT BOUNDARY IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED ON OR ABOUT AUGUST, 2015 BY BENCHMARK ENGINEERING, INC.
- A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT SINCE THE SITE IS LOCATED MORE THAN 1.000 FEET FROM ROUTE 1 AND INTERSTATE 95. . 6. THE TRAFFIC STUDY WAS PREPARED BY MARS GROUP, INC. IN AUGUST, 2015 AND APPROVED BY HOWARD COUNTY

DPZ ON 1.1-20-2015. A FEE-IN-LIEU IN THE AMOUNT OF \$8,820.00 FOR THE REQUIRED ROAD MITIGATION SHALL BE PAID AS PART OF THE DPW DEVELOPERS AGREEMENT.

THE GEOTECHNICAL REPORT WAS PREPARED BY GEOLABS, INC. IN MARCH, 2016
FOREST STAND AND WETLAND DELINEATION WAS PERFORMED BY ECO-SCIENCE, PROFESSIONALS, INC. IN AUGUST,
2015. THERE ARE NO WETLANDS, WETLANDS BUFFER, STREAMS, STREAM BUFFERS, 100-YR FLOODPLAIN OR 25% OR

GREATER STEEP SLOPES WITH MORE THAN 20,000 SF OF CONTIGUOUS AREA LOCATED WITHIN THE PROJECT SITE. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO CEMETERY LOCATIONS ON-SITE.

10. THERE ARE NO HISTORIC SITES/FEATURES OR FLOODPLAINS LOCATED ON THIS SITE.

11. THIS PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT. THE DRAINAGE AREA IS THE MIDDLE PATUXENT. THE WATER AND SEWER IS PUBLIC. THE CONTRACT NUMBER IS 24-4969-D.

12. THIS SUBDIVISION IS SUBJECT TO SECTION 18.122B OF THE HOWARD COUNTY CODE. PUBLIC WATER AND SEWERAGE

ALLOCATIONS WILL BE GRANTED AT TIME OF ISSUANCE OF BUILDING PERMIT IF CAPACITY IS AVAILABLE AT THAT TIME PUBLIC WATER AND/OR SEWER SERVICE HAS BEEN GRANTED UNDER THE TERMS AND PROVISIONS, THEREOF, EFFECTIVE 12-01-2016, ON WHICH DATE DEVELOPERS AGREEMENT NUMBER F-16-093 WAS FILED AND ACCEPTED.

13. STORMWATER MANAGEMENT HAS BEEN PROVIDED IN ACCORDANCE WITH THE "MARYLAND DEPARTMENT OF THE ENVIRONMENT STORMWATER MANAGEMENT ACT OF 2007" AND THE "HOWARD COUNTY DESIGN MANUAL VOLUME I,

14. LANDSCAPING IS PROVIDED WITH A CERTIFIED LANDSCAPE PLAN IN ACCORDANCE ACCORDANCE WITH SECTION 16.124
OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY IN THE AMOUNT OF \$3,900,00 FOR THE REQUIRED PERIMETER LANDSCAPING AND TWO ADDITIONAL SHADE TREES (AS A CONDITION ON WP-16-072 APPROVAL) SHALL BE POSTED AS PART OF THE DPW DEVELOPERS AGREEMENT.

CHAPTER 5" TO THE MAXIMUM EXTENT PRACTICAL (MEP). THE PRACTICE IS A PRIVATELY OWNED AND MAINTAINED

SHALL BE POSTED AS PART OF THE DAY DEVELOPERS AGREEMENT.

15. THE FOREST CONSERVATION OBLIGATION SHALL BE MET VIA THE ON—SITE RETENTION OF 0.23 ACRES OF FOREST WITHIN A FOREST CONSERVATION EASEMENT AND BY 0.50 ACRES OFF—SITE WITHIN THE FOREST MITIGATION BANK ESTABLISHED UNDER PHELPS PROPERTY, SDP—14—026(FC), RECORDED AS PLAT \$22843.

16. DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND

EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:

a) WIDTH — 12' (16' SERVING MORE THAN ONE RESIDENCE).

b) SURFACE — 6" OF COMPACT CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MIN.)

c) GEOMETRY — MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM 45' TURNING RADIUS.

d) STRUCTURES (CULVERTS/BRIDGES) — CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING).

DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT

DEPTH OVER DRIVEWAY.

e) STRUCTURE CLEARANCES - MINIMUM 12 FEET.
f) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
17. FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND ROAD RIGHT-OF-WAY LINE AND NOT ONTO THE PIPESTEM LOT DRIVEWAY. 18. THE PRIVATE MAINTENANCE ACCESS AGREEMENT FOR LOTS 3-6 SHALL BE RECORDED SIMULTANEOUSLY WITH THE

RECORDATION OF THE PLAT. 19. THE PURPOSE OF OPEN SPACE LOT 7 IS FOR THE PROTECTION OF ENVIRONMENTAL AREAS SUCH AS EXISTING TREES AND VEGETATION, IT WILL ALSO CONTAIN AN ESD SWM PRACTICE WHICH TREATS THE LOTS AND USE-IN-COMMON DRIVEWAY. IT SHALL BE DEDICATED TO THE HOMEOWNERS ASSOCIATION.

20. THERE IS NO RECREATIONAL OPEN SPACE REQUIREMENT FOR THIS PROJECT SINCE THERE ARE LESS THAN 10 LOTS. 21. THE MODERATE INCOME HOUSING UNIT REQUIREMENT (COUNCIL BILL 35-2013) SHALL BE FULFILLED BY PAYMENT OF A FEE-IN-LIEU IN AN AMOUNT THAT IS TO BE CALCULATED BY THE DEPARTMENT OF INSPECTIONS LICENSES AND PERMITS AT THE TIME OF BUILDING PERMIT. THE FEE-IN-LIEU SHALL BE PAID FOR ALL LOTS/RESIDENTIAL UNITS WITHIN THIS SUBDIVISION AT TIME OF BUILDING PERMIT ISSUANCE.

22. WP-16-072, A REQUEST TO WAIVE SECTION 16.1205(a)(7) OF THE HOWARD COUNTY SUBDIVISION REGULATIONS WAS APPROVED ON JANUARY 14, 2016 AND SECTIONS 16.144(g) AND 16.146 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS WAS APPROVED ON FEBRUARY 24, 2016 SUBJECT TO THE FOLLOWING CONDITIONS:

a) THE REMOVAL OF THE ONE SPECIMEN TREE WILL REQUIRE MITIGATION WITH THE PLANTING OF 2:1

REPLACEMENT TREES (2 TOTAL) WITH A MINIMUM CALIPER NATIVE PLANT SPECIES. THE REPLACEMENT TREES

SHALL BE BONDED AND SHOWN ON THE LANDSCAPE PLAN.
b) THE FINAL PLAN FOR THIS PROJECT MUST PROVIDE ALL OF THE REQUIRED INFORMATION THAT WILL ADDRESS

HOW STORMWATER MANAGEMENT WILL BE PROVIDED, ANY REQUIRED PUBLIC ROAD RIGHT-OF-WAY IMPROVEMENTS, AND HOW FOREST CONSERVATION AND LANDSCAPING SHALL BE SATISFIED.

23. THIS DEVELOPMENT IS DESIGNED TO BE IN ACCORDANCE WITH SECTION 16.127 - RESIDENTIAL INFILL DEVELOPMENT -OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. THE DEVELOPER OF THIS PROJECT SHALL CREATE COMPATIBILITY WITH THE EXISTING NEIGHBORHOOD THROUGH THE USE OF ENHANCED PERIMETER LANDSCAPING, BERMS, FENCES, SIMILAR HOUSING UNIT TYPES AND THE DIRECTIONAL ORIENTATION OF THE PROPOSED HOUSES. 24. SIGHT DISTANCE ANALYSIS WAS APPROVED UNDER S-16-002.

25. APPLICABLE DPZ FILE NUMBERS: ECP-16-009, S-16-002, WP-16-07, WP-16-072.

26. THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. NO CLEARING OR GRADING OR CONSTRUCTION IS PERMITTED WITHIN FOREST CONSERVATION EASEMENT, HOWEVER FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.

27. RESERVATION OF PUBLIC UTILITY EASEMENTS
28. DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAN FOR WATER, SEWER, STORM DRAINAGE, OTHER PUBLIC UTILITIES LOCATED IN, ON, OVER AND THROUGH LOTS 1-7 AND OPEN SPACE LOT 8, ANY CONVEYANCES OF THE AFORESAID LOTS/PARCELS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEED(S) CONVEYING SAID LOT(S)/PARCELS. UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED(S) OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY.
29. NO GRADING, REMOVAL OF VEGETATION COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN

THE LIMITS OF THE FOREST CONSERVATION AREAS.

30. THE ARTICLES OF INCORPORATION FOR THE HOMEOWNERS ASSOCIATION WERE ACCEPTED BY THE STATE DEPARTMENT OF ASSESSMENTS AND TAXATION ON 09-28-2016 ID# D17524091
31. THE FRONT BRL FOR LOT 6 SCALES AT 22.33' FOR THE PURPOSE OF COMPLYING WITH THE 60 FOOT MINIMUM LOT WIDTH, IN ACCORDANCE WITH SECTION 110.0.0.3 OF THE ZONING REGULATIONS.

32. A PRE-SUBMISSION COMMUNITY MEETING WAS HELD ON AUGUST 20, 2015, PER SECTION 16.128 OF THE SUBDIVISION

AND LAND DEVELOPMENT REGULATIONS.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING

SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER ON

CHIEF, DEVELOPMENT ENGINEERING DIVISION

AND ZONING.

IN CAL

33. ALL AREAS ON THIS PLAT ARE "MORE OR LESS (+/-)."
34. DISTANCES SHOWN ARE BASED ON SURFACE MEASUREMENTS AND NOT REDUCED TO NAD 83 GRID MEASUREMENTS.

-24-17

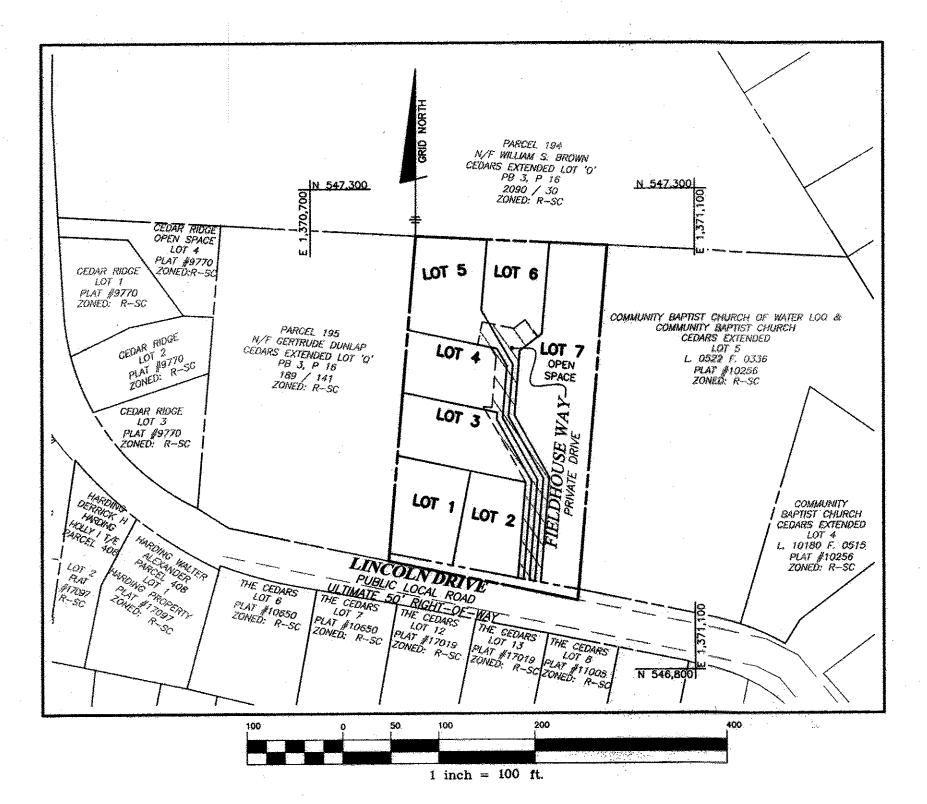
## BENCH MARKS (NAD83)

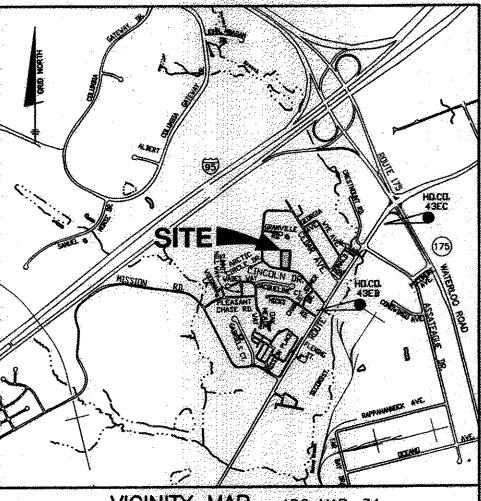
HO, CO. No. 43EB ELEV. 216.312' WEST SIDE OF ROUTE 1. 6.7' FROM FACE OF CURB. 78 FEET NORTH FROM CENTERLINE OF HICKS ROAD.

N 545963.613 E 1371573.894

ELEV. 219.698' HQ. CQ. No. 43EC EAST SIDE OF ROUTE 1. 2.5' FROM FACE OF CURB. 500 FEET SOUTH FROM CENTERLINE OF ROUTE 175.

N 547821.247 E 1372882,507





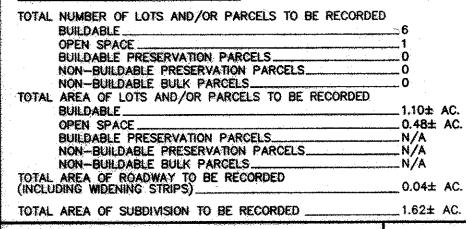
VICINITY MAP

ADC MAP: 34 ADC GRID: C8

Site Analysis Data Chart		
Zoning	R-SC	1
Gross Area	1.62 ac	1
100yr Floodplain	0.00 ac	
Steep Slopes 25% or greater (outside floodplain)	0:00 ac	
Net Area	1.62 ac	1
Number of lots/units allowed (4 d.u. per net acre)	6	1
Number of lots/units proposed	6	1
Area of Buildable Lots	1.10 ac	1
Area of Open Space Lots	0.48 ac.	
Area of Proposed Right-of-way Dedication	0.04 ac	]
Open Space Calculations		]
Area of Open Space Required (25% of net)	0.41 ac	
Area of Open Space Provided	0.48 ac.	
Area of Non-Credited Open Space	0.00 ac.	
Area of Credited Open Space	0.48 ac.	
Recreational Open Space Required	NA *	
Recreational Open Space Provided	NA	1
	are lace than	

Recreational open space is not required since there are less than 10 lots/units proposed (Section 16.121(a)(4)(i)

## AREA TABULATION CHART



**BENCHMARK** 

8480 BALTIMORE NATIONAL PIKE A SUITE 315 A ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 (F) 410-465-6644

WWW.BET-CIVILENGINEERING.COM

ENGINEERS & LAND SURVEYORS & PLANNERS ENGINEERING, INC

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21320, EXPIRATION DATE 1-7-2017 AND I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE INFORMATION SHOWN HEREON IS CORRECT, THAT IT IS ALL OF LAND ACQUIRED BY HARMONY BUILDERS, INC., A MARYLAND CLOSE CORPORATION, FROM CEDARS EXTENDED LOT "R", LLC, A MARYLAND LIMITED LIABILITY COMPANY BY DEED DATED SEPTEMBER 28, 2016 AND RECORDED IN LIBER 17172 AT FOLIO 0311, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE ROADS BY HOWARD COUNTY, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED

REGISTERED PROFESSIONAL LAND SURVEYOR MD REG. NO. 21320 FOR BENCHMARK ENGINEERING, INC. MD REG. NO. 351

NOTE: THE MODERATE INCOME HOUSING UNIT REQUIREMENT (COUNCIL BILL 35-2013) SHALL BE FULFILLED BY PAYMENT OF A FEE-IN-LIEU IN AN AMOUNT THAT IS TO BE CALCULATED BY THE DEPARTMENT OF INSPECTIONS LICENSES AND PERMITS AT THE TIME OF BUILDING PERMIT, THE FEE-IN-LIEU SHALL BE PAID FOR LOTS/RESIDENTIAL UNITS 2 THROUGH 6 WITHIN THIS SUBDIVISION AT TIME OF BUILDING PERMIT ISSUANCE.

OWNER: HARMONY BUILDERS INC. 4228 COLUMBIA RD ELLICOTT CITY, MD 21042 410-461-0833

ZONED: R-SC

HARMONY BUILDERS, INC. RECORDED AS PLAT NO. 24076 AMONG THE LAND RECORDS OF 2/3/17 HOWARD COUNTY. MARYLAND.

REGISTERED PROFESSIONAL LAND SURVEYOR

MARYLAND NO. 21320

CHRISTOPHER BROWN, PRESIDEN

THE REQUIREMENTS 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN

12-13-16

SHEET: 1 OF 2

## THE CEDARS EXTENDED

LOTS 1 thru 6 AND OPEN SPACE LOT 7

(A RESUBDIVISION OF LOT 'R' OF THE CEDARS EXTENDED PB 3 P 16)

ECP-16-009, S-16-002, WP-16-072

6th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND SCALE: AS SHOWN TAX MAP: 43 GRID: 8 DATE: DECEMBER, 2016 PARCEL: 451

"HARMONY BUILDERS, INC., OWNER OF THE PROPERTY SHOWN HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISHES THE MINIMUM BUILDING RESTRICTION LINES AND GRANTS UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1)THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES, AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS—OF—WAY, AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE. DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR RUADS, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS—OF—WAY, WITNESS MY HAND THIS OF DECEMBER, 2016."

**OWNER'S CERTIFICATE** 

CHRISTOPHER BROWN PRESIDENT OF HARMONY BUILDERS, INC.

