

LANDSCAPING PLANT LIST			
QTY.	KEY	NAME	SIZE
1		CORNUS FLORIDA "RUBRA" RED FLOWERING DOGWOOD	8'-10" HGT.
1		CORNUS KOUSA KOUSA DOGWOOD	8'-10" HGT.
1		PRUNUS SERRULATA "KWANZAN" KWANZAN CHERRY	1 1/2"-2" CAL.

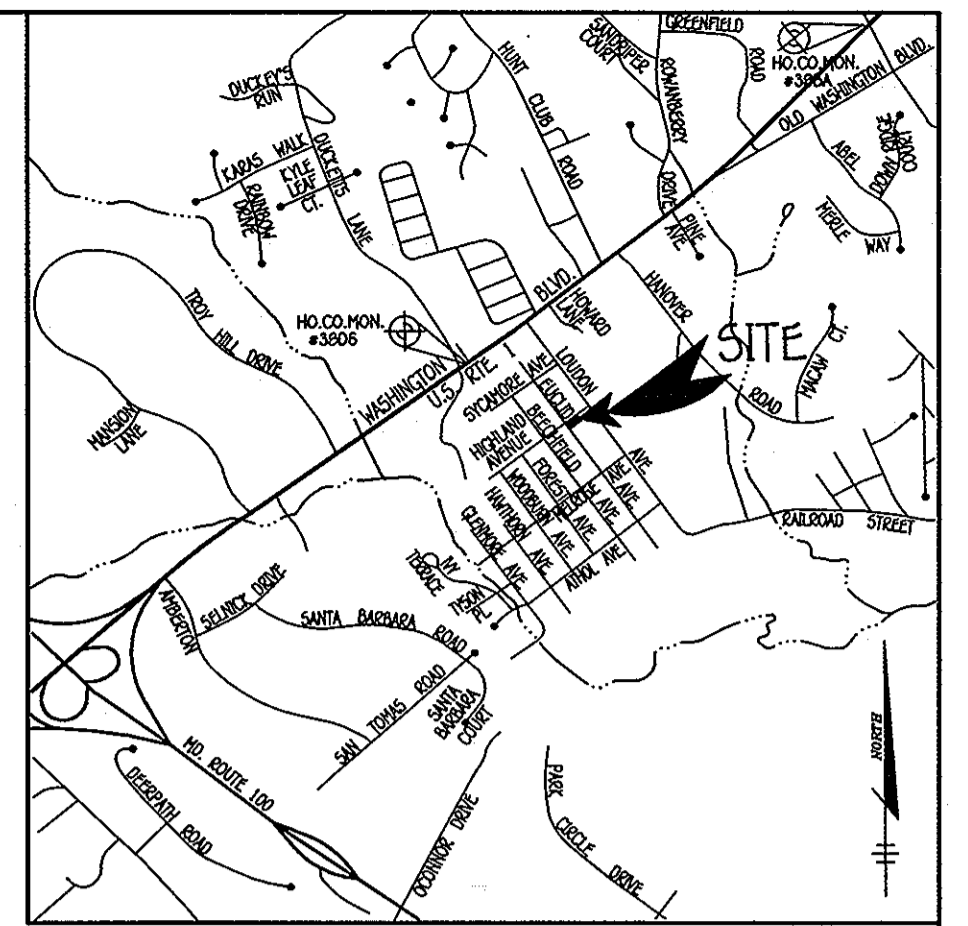
SOILS LEGEND		
SOIL	NAME	CLASS
UcB	URBAN LAND CHILLUM & BELTSVILLE LOAM, 0 TO 5 PERCENT SLOPES	B
UcD	URBAN LAND CHILLUM & BELTSVILLE LOAM, 5 TO 15 PERCENT SLOPES	B

NOTES:
 * HYDRIC SOILS AND/OR CONTAINS HYDRIC INCLUSIONS
 ** MAY CONTAIN HYDRIC INCLUSIONS
 † GENERALLY ONLY WITHIN 100-YEAR FLOODPLAIN AREAS

STORMWATER MANAGEMENT PRACTICES		
LOT NO.	ADDRESS	RAINWATER HARVESTING (NUMBER)
281	6371-C EUCLID AVENUE	2
282	6371-D EUCLID AVENUE	2

HOWARD COUNTY CONTROL STATIONS

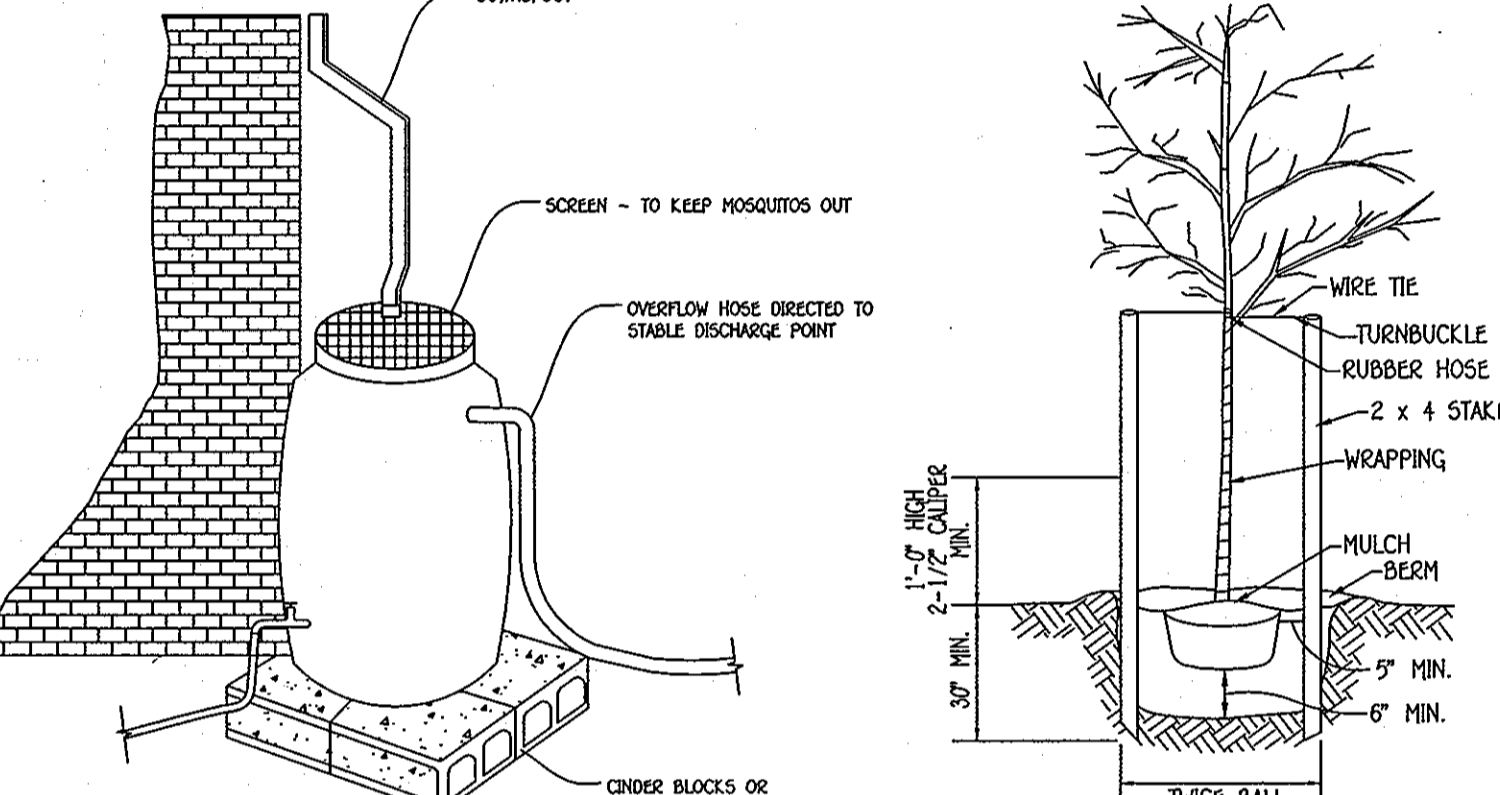
308A
 N. 562553.278
 E. 1390967.927
 ELEVATION 166.944 FT.
 30D6
 N. 557155.459 FT.
 E. 1384992.261 FT.
 ELEVATION 175.222 FT.



VICINITY MAP
 SCALE: 1" = 2000'
 ADC MAP COORDINATES: 4937, 8-9

SCHEDULE A - PERIMETER LANDSCAPE EDGE					
PERIMETER CATEGORY	P-1 ADJACENT TO ROADWAY	P-2 ADJACENT TO ROADWAY	P-3 ADJACENT TO PERIMETER PROPERTIES	P-4 ADJACENT TO PERIMETER PROPERTIES	TOTAL
LANDSCAPE TYPE	N/A	B	N/A	N/A	
LINEAR FEET OF PERIMETER	50 L.F.	120 L.F.	50 L.F.	120 L.F.	
NUMBER OF PLANTS REQUIRED					
SHADE TREES	0	120.00/50' = 2.00	0	0	2
EVERGREEN TREES	0	3	0	0	3
CREDIT FOR WALL, FENCE OR BEEM	0	0	0	0	0
CREDIT FOR EXISTING VEGETATION	0	NO	NO	NO	0
SHADE TREES	0	0	0	0	0
EVERGREEN TREES	0	0	0	0	0
NUMBER OF PLANTS PROVIDED					
SHADE TREES	0	3	0	0	3
EVERGREEN TREES/ORNAMENTAL	0	3	0	0	3

THIS PLAN IS IN COMPLIANCE WITH CHAPTER VI OF THE LANDSCAPE MANUAL FOR ALTERNATIVE COMPLIANCE GIVEN LIMITED SPACE ON THE PROPERTY FOR LANDSCAPING REQUIREMENTS. FINANCIAL SURETY FOR THE THREE (3) DECIDUOUS TREES @ \$150.00 PER TREE WILL BE \$450.00 AND WILL BE PART OF THE BUILDER'S GRADING PERMIT FOR LOT 282.



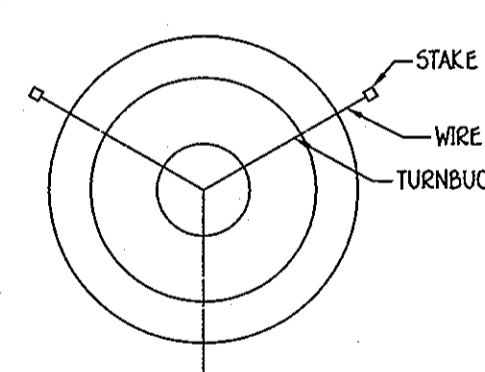
55 GAL. RAIN BARREL DETAIL (M-1)
 NOT TO SCALE

NOTE: REMOVE BURGLAR FROM TOP 1/3 OF BALL

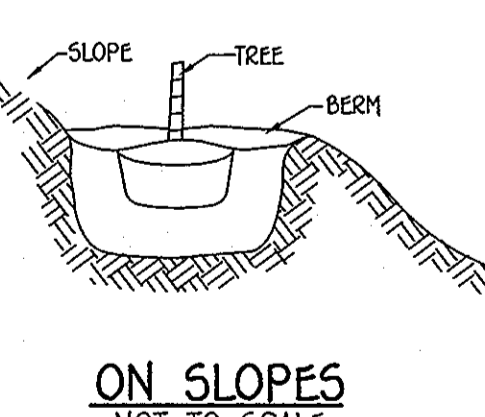
OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED & MAINTAINED RAINWATER HARVESTING (M-1)

- THE OWNER SHALL EMPTY BARRELS ON A MONTHLY BASIS AND CLEAN BARREL WITH A HOSE.
- THE OWNER SHALL VERIFY INTEGRITY OF LEAF SCREENS, GUTTERS, DOWNSPOUTS, SPIGOTS, AND MOSQUITO SCREENS, & CLEAN AND REMOVE ANY DEBRIS.
- THE OWNER SHALL REPLACE DAMAGED COMPONENTS AS NEEDED.
- THE OWNER SHALL DISCONNECT THE BARREL PRIOR TO WINTER, OR ALLOW THE BARREL TO DRAIN BY BOTTOM SPIGOT DURING THE WINTER SEASON.

TREE STAKING DETAIL
 NOT TO SCALE

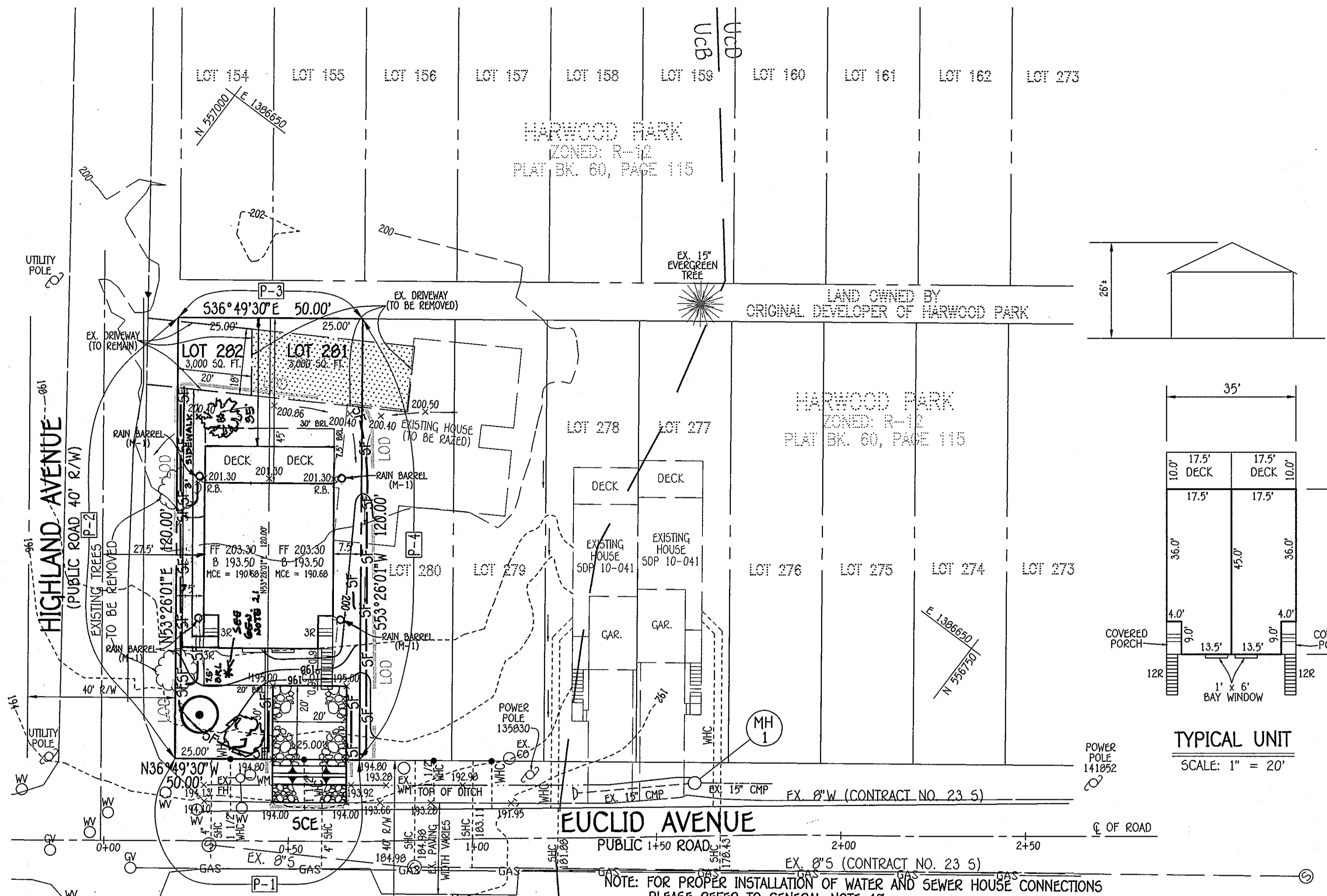


STAKING DETAIL
 NOT TO SCALE



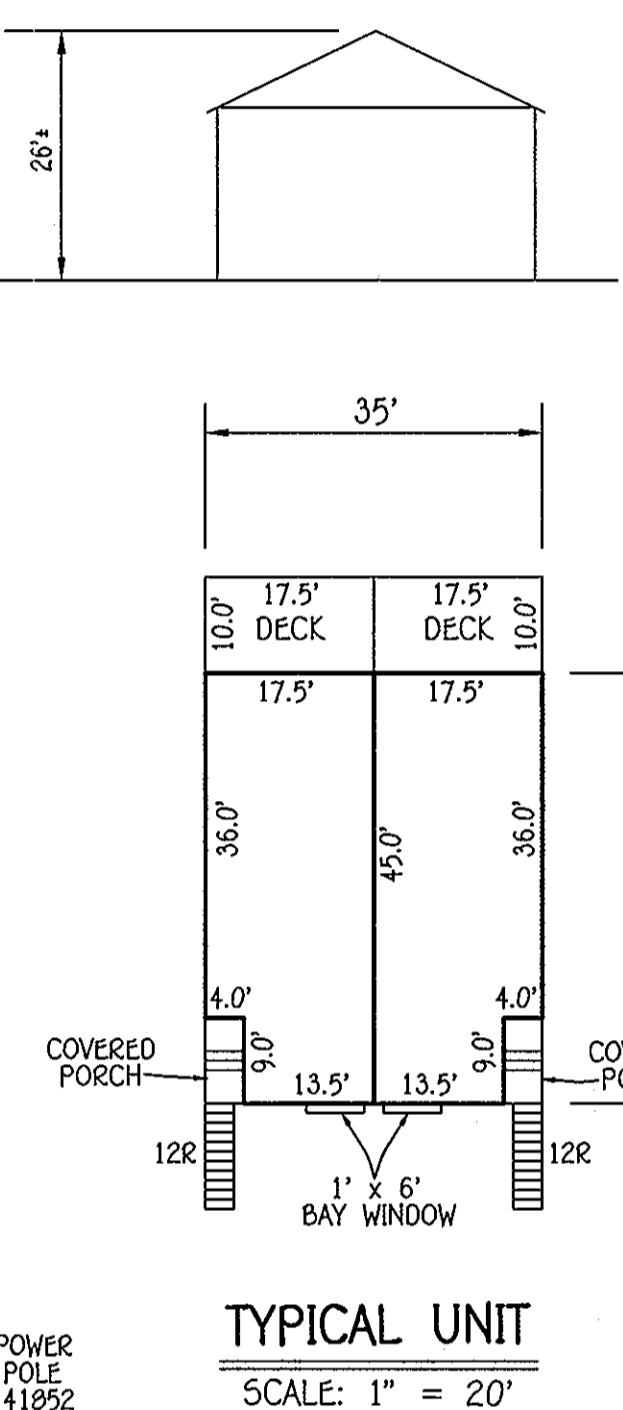
ON SLOPES
 NOT TO SCALE

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR, 2' INTERVAL
- - - -	PROPOSED CONTOUR
x162.2'	SPOT ELEVATION
---	DIRECTION OF DRAINAGE
- - - -	SILT FENCE
---	LIMIT OF DISTURBANCE
○ R.B.	RAIN BARREL
● C.O.	CLEANOUT
	LANDSCAPING TREES



GENERAL NOTES

- SUBJECT PROPERTY ZONED R-12 PER THE 2/2/04 COMPREHENSIVE ZONING PLAN AND THE LITE ZONING REGULATION AMENDMENTS EFFECTIVE ON 7/29/06. REFORMULATED FILE NO. 23-5, PLAT BOOK NO. 60, PAGE 115.
- COORDINATES BASED ON NAD 83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 308A AND NO. 30D6.
- TOPOGRAPHIC AND BOUNDARY SURVEY COMPLETED BY FISHER, COLLINS AND CARTER, INC. IN MAY OF 2007.
- DEWEY(S) SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS:
 - WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE);
 - SURFACE - SIX (6) INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1 - 1/2" MINIMUM);
 - GEOMETRY - MAXIMUM 15% GRADE, 10% GRADE CHANGE AND A MIN. 45' TURNING RADIUS;
 - STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25-LOADING);
 - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1' FOOT DEPTH OVER SURFACE;
 - STRUCTURE CLEARANCES - MINIMUM 12 FEET;
 - MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- CONTRACTOR SHALL CHECK SEWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
- FOR DRIVEWAY ENTRANCE DETAILS REFER TO HO. CO. DESIGN MANUAL VOL. IV DETAILS R.6.06.
- SITE ANALYSIS DATA:
 - TOTAL PROJECT AREA: 6,000 SQ. FT. ± OR 0.1377 AC.
 - TOTAL AREA OF IMPERVIOUS SURFACE PROPOSED: 2,825 SQ. FT. OR 0.0663 AC.
 - THIS PROJECT IS EXEMPT FROM FOREST CONSERVATION PER SECTION 16.1202 (b)(1)(i) OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION MANUAL SINCE THIS DEVELOPMENT IS OCCURRING ON LAND LESS THAN 40,000 SQ. FT. IN AREA.
 - STORMWATER MANAGEMENT REQUIREMENTS FOR THIS SITE WILL BE MET USING ENVIRONMENTAL SITE DESIGN TO THE MAXIMUM EXTENT POSSIBLE IN ACCORDANCE WITH THE MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I & II, EFFECTIVE MAY, 2010; HOWEVER DUE TO SITE CONSTRAINTS, THE PRACTICES ARE LIMITED TO RAIN BARRELS (M-1) PROPOSED PRACTICES WILL BE LOCATED ON INDIVIDUAL LOTS AS FOLLOWS:
 - LOTS 281 AND 282 WILL MEET STORMWATER REQUIREMENTS USING RAIN BARRELS (M-1) FOR THE PROPOSED HOUSES. THESE PRACTICES SHALL BE PRIVATELY OWNED AND MAINTAINED IN ACCORDANCE WITH INDIVIDUAL DECLARATION OF COVENANTS.
 - THE WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING.
 - THE MINIMUM SETBACK FOR STRUCTURES SHALL BE AS FOLLOWS:
 - SINGLE FAMILY ATTACHED, SEMI-DETACHED, AND TWO-FAMILY DWELLINGS: FRONT SETBACK: 20' FROM THE PUBLIC STREET RIGHT OF WAY (12' PER BA CASE NO. 12-001 V).
 - REAR SETBACK: 30'
 - SIDE SETBACK: 7.5' FROM PROPERTY LINE EXCEPT ZERO LOT LINE DWELLINGS 0 FEET.
 - IN ACCORDANCE WITH SECTION 122 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 16' FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS, PORCHES OR DECKS OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
 - PREVIOUS FILE NUMBERS FOR REFERENCE: WATER & SEWER (CONT. NO. 23-5), BK. 60, PG. 115, BA CASE NO. 12-001 V.
 - THE WHC MUST BE INSTALLED WITH A MINIMUM 1.5'-FOOT HORIZONTAL CLEARANCE AND 1'-FOOT VERTICAL CLEARANCE ABOVE THE SHC 0 FEET.
 - IN ACCORDANCE WITH SECTION 133.D.2.A OF THE ZONING REGULATIONS, TWO OF-STREET PARKING SPACES PER UNIT ARE REQUIRED AND SHALL BE PROVIDED.
 - THERE ARE NO STREAMS, WETLANDS, OR THEIR BUFFERS, 100 YEAR FLOODPLAIN, STEEP SLOPES OR FOREST CONSERVATION EASEMENTS EXIST ON-SITE.
 - THERE ARE NO CEMETERIES ON-SITE.
 - THE SITE DEVELOPMENT PLAN WAS PRESENTED TO THE HISTORIC DISTRICT COMMISSION FOR ADVISORY COMMENTS ON JANUARY 5, 2012 AS CASE NO. HD-12-02. THE HOUSE TO BE DEVELOPED, IS LISTED ON HISTORIC SITE INVENTORY NO. HD-80.
 - THE SITE DEVELOPMENT PLAN WAS PRESENTED TO THE BOARD OF APPEALS ON MARCH 19, 2012 TO REDUCE THE 20 FOOT SIDE BARL. FROM 20 FEET TO 7.5 FEET. THE WAIVER WAS GRANTED ON APRIL 5, 2012; BOARD OF APPEALS CASE NO. 12-001 V.
 - THIS PLAN IS IN COMPLIANCE WITH CHAPTER VI OF THE LANDSCAPE MANUAL FOR ALTERNATIVE COMPLIANCE GIVEN LIMITED SPACE ON THE PROPERTY FOR LANDSCAPING REQUIREMENTS. FINANCIAL SURETY FOR THREE (3) DECIDUOUS TREES @ \$150.00 EACH WILL BE \$450.00 WILL BE PART OF THE BUILDER'S GRADING PERMIT FOR LOT 282.
 - THIS IS SDP RECEIVED APPROVAL FROM THE MARYLAND AVIATION ADMINISTRATION ON APRIL 17, 2012.



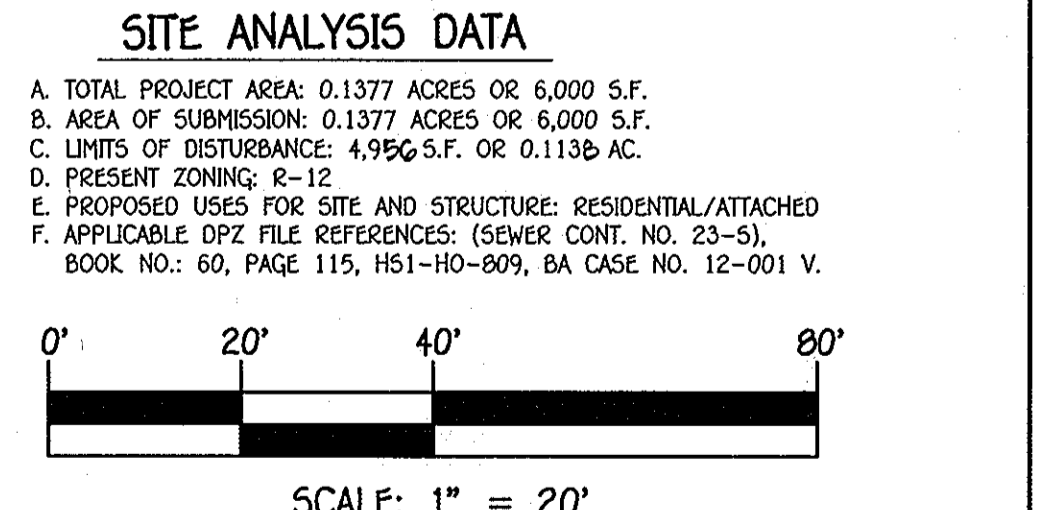
TYPICAL UNIT
 SCALE: 1" = 20'

GENERAL NOTES (CONT.)

24. THIS SITE IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. DEVELOPMENT OR CONSTRUCTION OF THESE LOTS MUST COMPLY WITH THE SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION, OR BUILDING/GRADING PERMIT APPLICATIONS.

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
281	6371-C EUCLID AVENUE
282	6371-D EUCLID AVENUE

INDEX CHART	
SHEET	DESCRIPTION
SHEET 1	SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN
SHEET 2	SEDIMENT & EROSION CONTROL DETAILS, EXISTING CONDITIONS



BUILDER/DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT THE REQUIRED LANDSCAPING WILL BE DONE ACCORDING TO THE PLAN AND LOCATED AS DETERMINED AND APPROVED BY THE ARCHITECTURAL COMMITTEE IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF NOTICE ACCOMPANIED BY A COPY OF THE ARCHITECTURAL COMMITTEE APPROVED PLAN AND AN EXECUTED ONE-YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING FOR INSPECTION AND THE SUBSEQUENT RELEASE OF SURETY.

Signature of Jonathan Jensen
 DATE: 4/24/12

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. 9753, EXPERIENCE DATE: 2/28/13.

Signature of Earl D. Collins
 DATE: 4/24/12

ENGINEER'S CERTIFICATE

"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."

Signature of John R. Khaton
 DATE: 4/24/12

OWNER/BUILDER/DEVELOPER

KELLY AND JONATHAN JENSEN
 622 LAUREL DRIVE
 PASADENA, MARYLAND 21122
 410-279-2931
 EMAIL: keljonjen@aol.com

BUILDER/DEVELOPER'S CERTIFICATE

"I/We certify that all development and construction will be done according to this plan, for sediment and erosion control and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."

Signature of Jonathan Jensen
 DATE: 4/24/12

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Chief, Division of Land Development
 Chief, Development Engineering Division
 Director - Department of Planning and Zoning

PROJECT	SECTION	LOTS NO.			
HARWOOD PARK	N/A	281 AND 282			
PLAT	BLOCK NO.	ZONE	TAX	ELEC. DIST.	CENSUS TR.
Bk. 60 Pg. 115	13	R-12	30	FIRST	601202
WATER CODE	SEWER CODE				
A 02	2152209				

SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN

SINGLE FAMILY ATTACHED UNITS
HARWOOD PARK
 LOTS 281 AND 282
 TAX MAP NO.: 30 PARCEL NO.: 873 GRID NO.: 13
 FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 20' DATE: JUNE, 2012
 SHEET 1 OF 2 SDP-12-030

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SERVICE OFFICE, FLOOR 10722 BALDWIN ROAD, PASADENA, MARYLAND 21122
 (410) 461-2895



SDP 12-030

