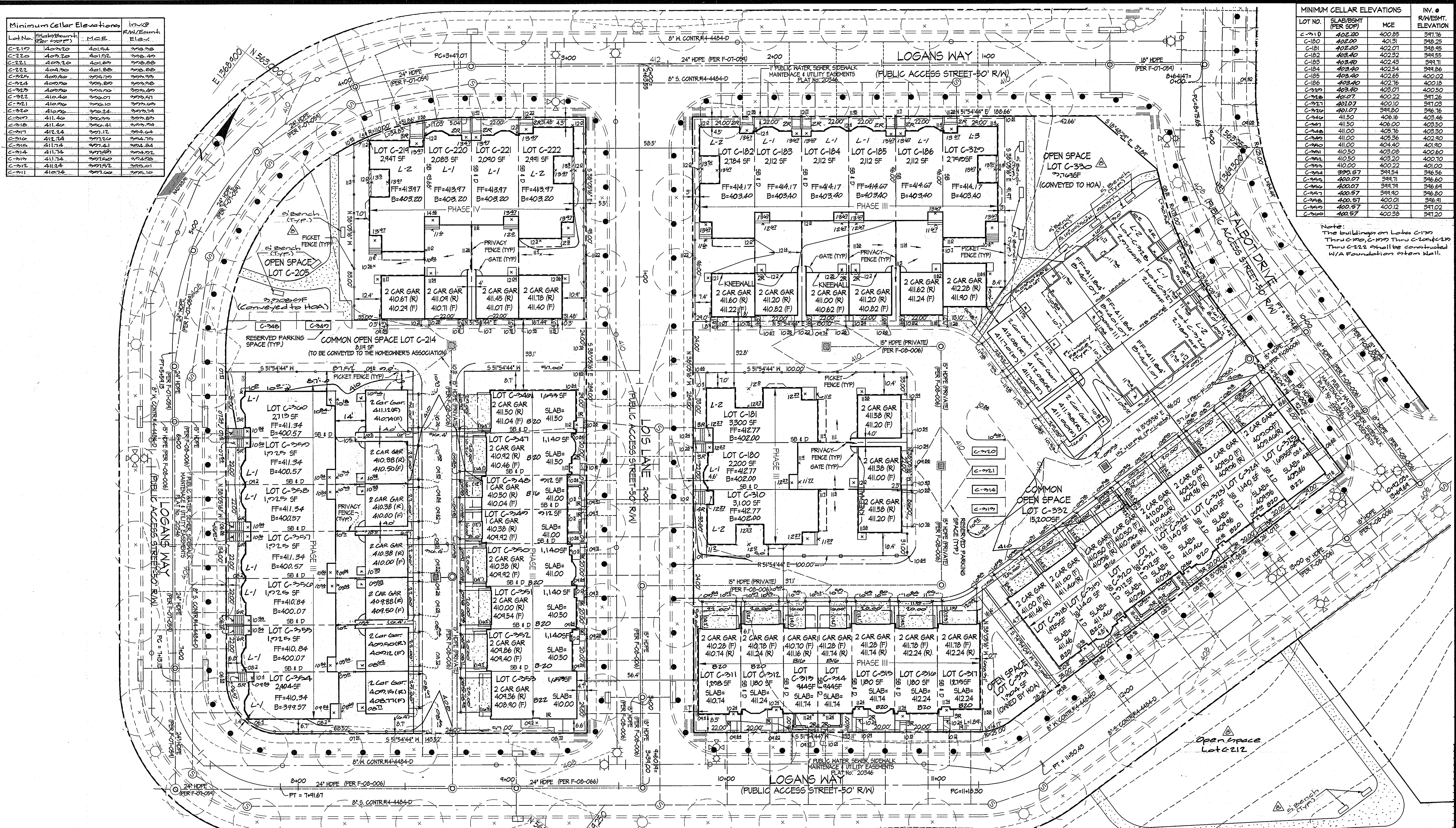


Lot No.	Slab/Bent (Per SDF)	M.C.E.	R/W/Easmt. Elev.
C-219	409.70	401.94	398.98
C-220	409.70	401.92	398.49
C-221	409.70	401.89	398.00
C-222	409.70	401.88	398.00
C-223	409.70	401.87	398.00
C-224	409.70	401.86	398.00
C-225	409.70	401.85	398.00
C-226	409.70	401.84	398.00
C-227	409.70	401.83	398.00
C-228	409.70	401.82	398.00
C-229	409.70	401.81	398.00
C-230	409.70	401.80	398.00
C-231	409.70	401.79	398.00
C-232	409.70	401.78	398.00
C-233	409.70	401.77	398.00
C-234	409.70	401.76	398.00
C-235	409.70	401.75	398.00
C-236	409.70	401.74	398.00
C-237	409.70	401.73	398.00
C-238	409.70	401.72	398.00
C-239	409.70	401.71	398.00
C-240	409.70	401.70	398.00

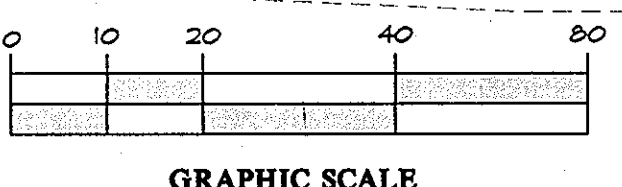
LOT NO.	SLAB/BENT (PER SDF)	M.C.E.	R/W/EASMT. ELEVATION
C-210	402.00	400.85	397.76
C-180	402.00	401.31	398.25
C-181	402.00	402.01	398.95
C-182	403.40	402.32	398.55
C-183	403.40	402.45	399.11
C-184	403.40	402.54	399.86
C-185	403.40	402.65	400.02
C-186	403.40	402.76	400.18
C-219	403.40	403.07	400.50
C-220	403.40	403.22	399.26
C-221	403.40	403.07	398.76
C-222	403.40	403.20	398.16
C-223	403.40	403.16	398.46
C-224	403.40	403.06	398.50
C-225	403.40	403.16	398.30
C-226	403.40	403.36	398.90
C-227	403.40	404.40	400.80
C-228	403.40	403.09	398.20
C-229	403.40	403.20	398.10
C-230	403.40	403.22	400.00
C-231	399.07	394.54	396.56
C-232	400.07	394.71	396.60
C-233	400.07	394.74	396.64
C-234	400.07	394.90	396.80
C-235	400.07	394.97	396.82
C-236	400.07	395.01	396.81
C-237	400.07	395.01	396.81
C-238	400.07	395.01	396.81
C-239	400.07	395.01	396.81
C-240	400.07	395.01	396.81

Note:
The buildings on Lots C-195
Thru C-199 & C-199 Thru C-204 & C-210
Thru C-212 shall be constructed
w/ a Foundation exten Wall.



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
Thomas J. Smith 7/15/10
 Director Date
West Stalwood 7-15-10
 Chief, Division of Land Development Date
Chad Edwards 7-14-10
 Chief, Development Engineering Division Date

See sheet 3
For Legend



Note: For Sediment Controls in Lot C-212, see F-08-000

GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONVILLE OFFICE PARK
 BURTONVILLE, MARYLAND 20866
 TEL: 301-421-4024 FAX: 301-889-1820
 DES. HJ DRN. HJ CHK. CKG

DATE	REVISION	BY	APP'R.
02-23-2012	REVISE GAR LOCATIONS LOTS C-250 THRU C-259 REVISED SPOT ELEV. FROM SURV. C-254-C-257	HJK	MEB
01-10-2011	REVISE LOT 2000 W/L-1 UNIT	HJK	HJK
01-10-2011	Renumber designated spaces C-180-C-210-C-219-C-220	HJK	HJK
01-10-2011	REV. LOTS C-179, C-181 THRU C-205, C-217 THRU C-231 TO REMOVED	HJK	MEB
10-14-2010	ADD OPT. 3.67 EXT. ON ALL L-2 UNITS, ADDING THIS OPTION MAKES UNIT A L-3	HJK	MEB
09-27-2010	REV. ELEV. ON LOTS C-179-C-190, C-199-C-205 AND C-219-C-222	HJK	MEB

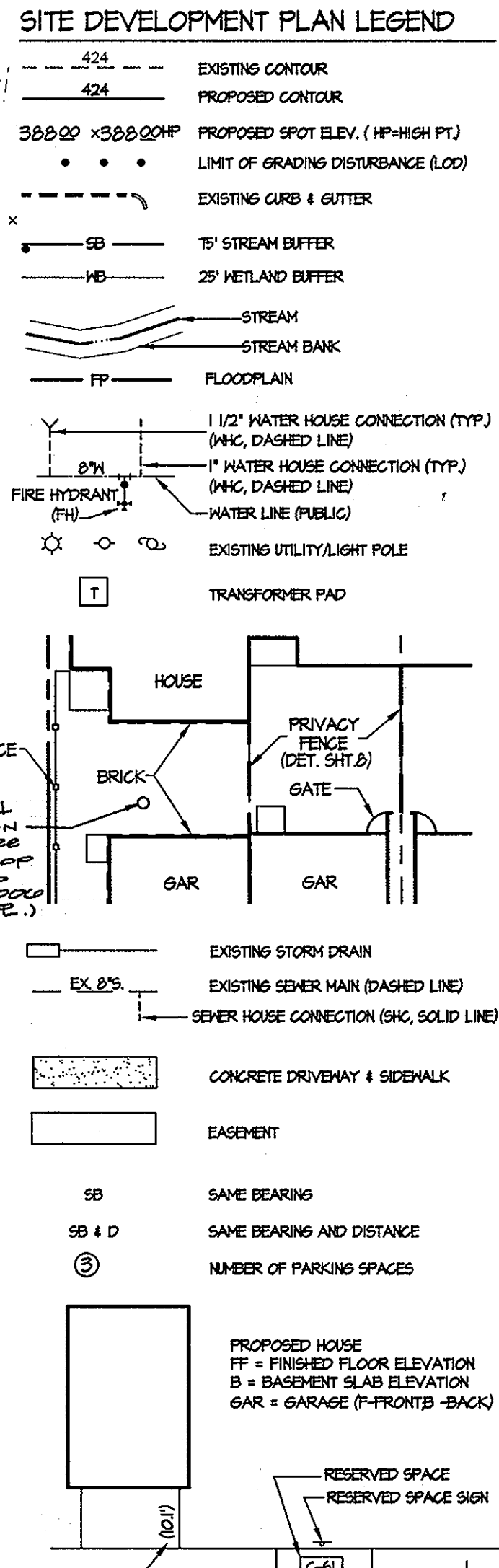
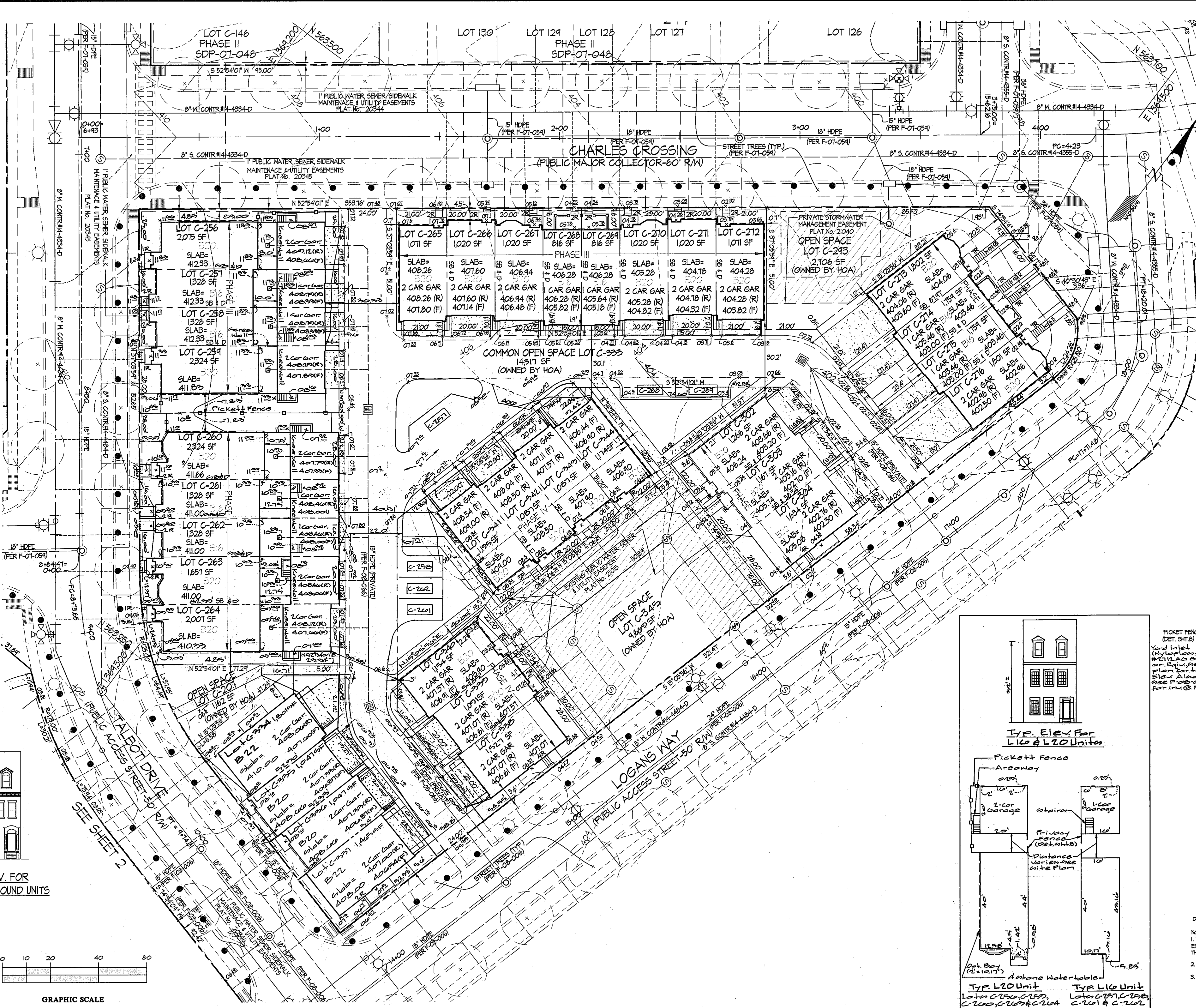
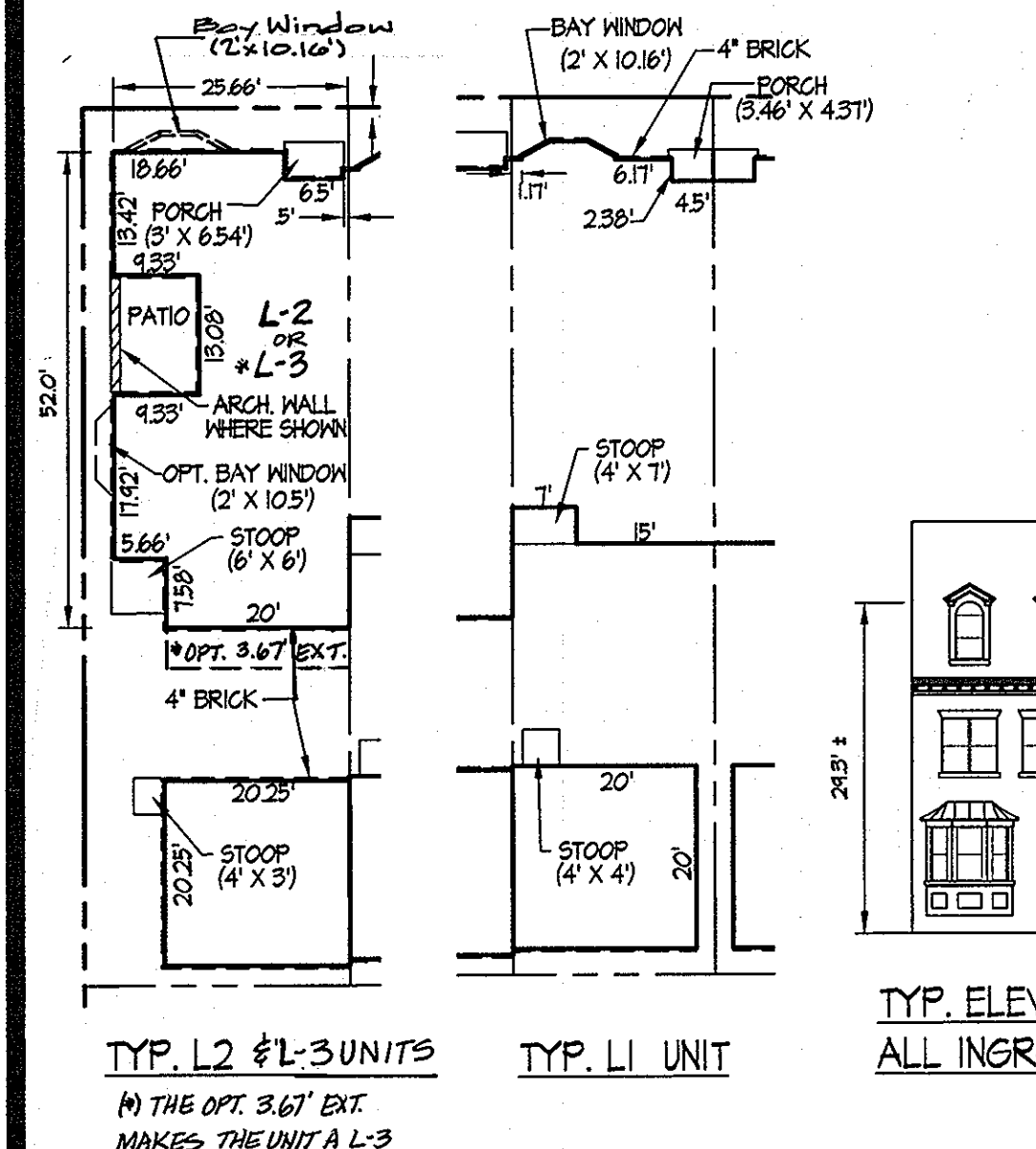
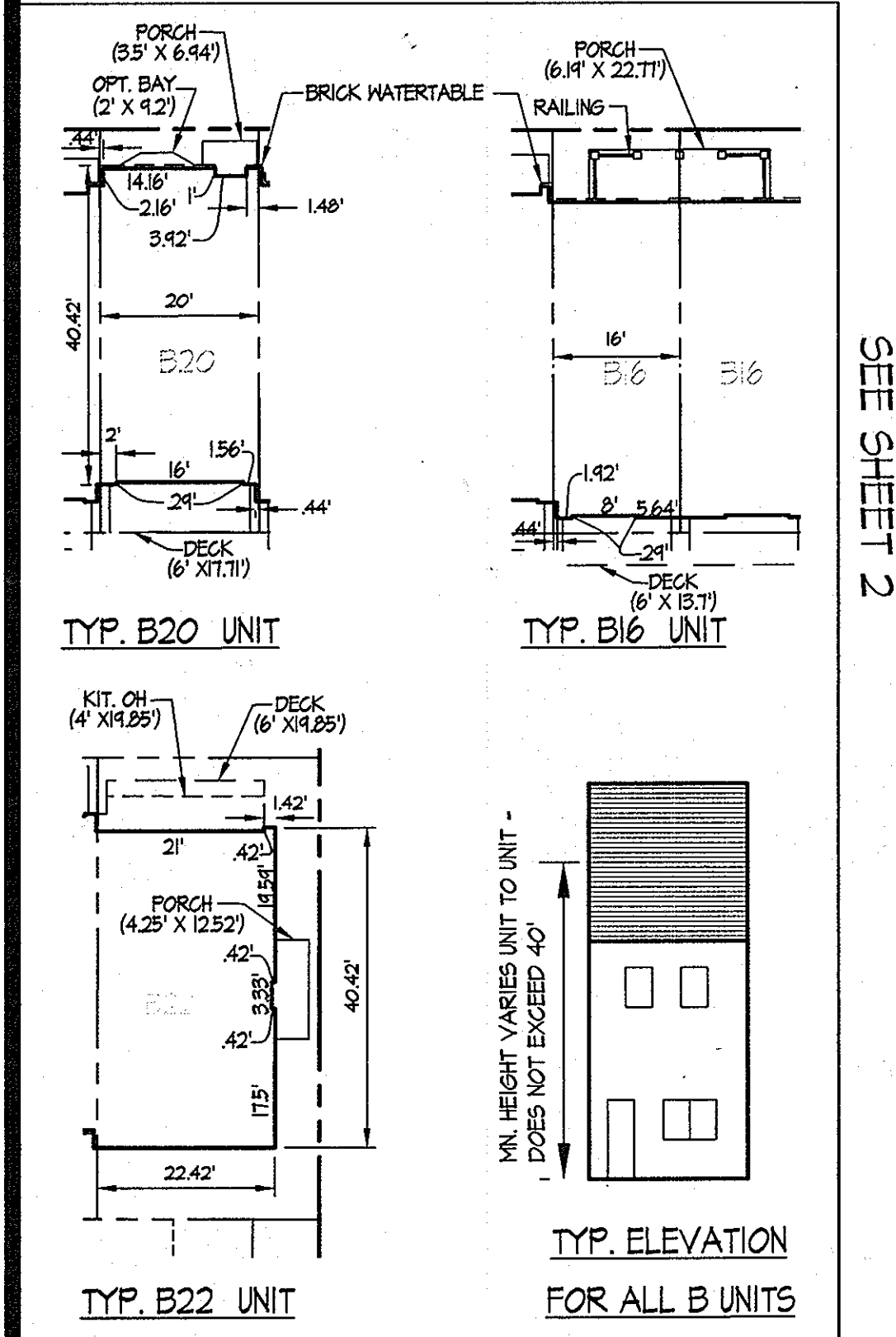
PREPARED FOR:
 BA WATERLOO TOWNHOMES, LLC
 C/O BOZZUTO HOMES, INC.
 7850 WALKER DRIVE SUITE 400
 GREENBELT, MARYLAND 20770
 ATTN: DUNCAN SLIDELL
 301-623-1525

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE PLANS
 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. 12975
 EXPIRATION DATE: MAY 28, 2012
 6-11-10

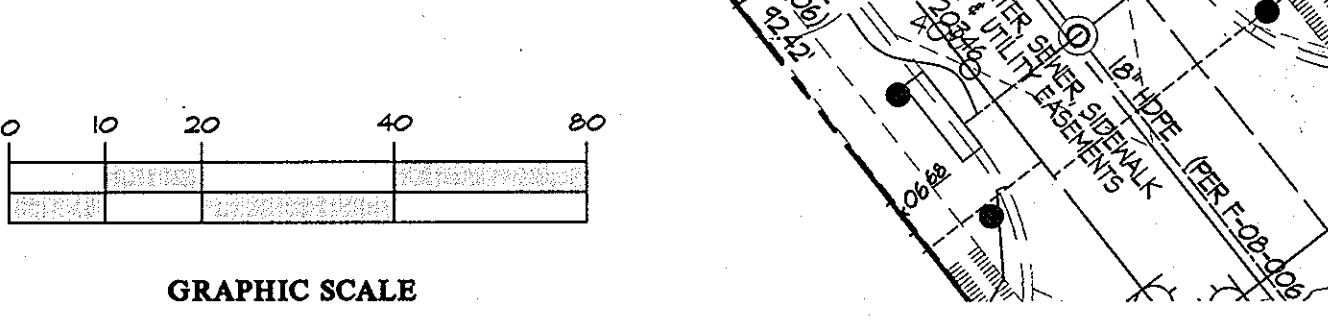
SITE DEVELOPMENT PLAN
SHIPLEY'S GRANT
 PHASE III: LOTS C-180, C-191 THRU C-205, C-250 THRU C-276
 C-2910 THRU C-2929 and 340 THRU 360. PHASE II: LOTS C-219 THRU
 C-222, C-230 THRU C-240, C-244 THRU C-250, C-258 THRU C-244, PHASE I: LOT C-237
 Plat Nos. 20342-46, 21038-41, 21179-19 and 21446-49
 ELECTION DISTRICT No. 1
 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE NO.
1"=20'	RA-15	06002
DATE	TAX MAP - GRID	SHEET
MARCH/2010	37 - 1 & 2	2 OF 8

MINIMUM CELLAR ELEVATIONS		INV. #	MINIMUM CELLAR ELEVATIONS		INV. #
LOT NO.	SLAB ELEV. (PER SDP)	R/W ELEV.	LOT NO.	SLAB ELEV. (PER SDP)	R/W ELEV.
C-294	410.00	348.81	C-211	404.28	343.84
C-295	408.00	348.81	C-212	404.28	343.84
C-296	408.00	348.81	C-213	404.06	344.85
C-297	408.00	348.81	C-214	403.46	344.26
C-298	412.86	349.15	C-215	403.46	344.26
C-299	412.86	349.15	C-216	402.96	343.81
C-300	412.86	349.15	C-217	402.96	343.81
C-301	412.86	349.15	C-218	402.96	343.81
C-302	412.86	349.15	C-219	402.96	343.81
C-303	412.86	349.15	C-220	402.96	343.81
C-304	412.86	349.15	C-221	402.96	343.81
C-305	412.86	349.15	C-222	402.96	343.81
C-306	412.86	349.15	C-223	402.96	343.81
C-307	412.86	349.15	C-224	402.96	343.81
C-308	412.86	349.15	C-225	402.96	343.81
C-309	412.86	349.15	C-226	402.96	343.81
C-310	412.86	349.15	C-227	402.96	343.81
C-311	412.86	349.15	C-228	402.96	343.81
C-312	412.86	349.15	C-229	402.96	343.81
C-313	412.86	349.15	C-230	402.96	343.81
C-314	412.86	349.15	C-231	402.96	343.81
C-315	412.86	349.15	C-232	402.96	343.81
C-316	412.86	349.15	C-233	402.96	343.81
C-317	412.86	349.15	C-234	402.96	343.81
C-318	412.86	349.15	C-235	402.96	343.81
C-319	412.86	349.15	C-236	402.96	343.81
C-320	412.86	349.15	C-237	402.96	343.81
C-321	412.86	349.15	C-238	402.96	343.81
C-322	412.86	349.15	C-239	402.96	343.81
C-323	412.86	349.15	C-240	402.96	343.81
C-324	412.86	349.15	C-241	402.96	343.81
C-325	412.86	349.15	C-242	402.96	343.81
C-326	412.86	349.15	C-243	402.96	343.81
C-327	412.86	349.15	C-244	402.96	343.81
C-328	412.86	349.15	C-245	402.96	343.81
C-329	412.86	349.15	C-246	402.96	343.81
C-330	412.86	349.15	C-247	402.96	343.81
C-331	412.86	349.15	C-248	402.96	343.81
C-332	412.86	349.15	C-249	402.96	343.81
C-333	412.86	349.15	C-250	402.96	343.81
C-334	412.86	349.15	C-251	402.96	343.81
C-335	412.86	349.15	C-252	402.96	343.81
C-336	412.86	349.15	C-253	402.96	343.81
C-337	412.86	349.15	C-254	402.96	343.81
C-338	412.86	349.15	C-255	402.96	343.81
C-339	412.86	349.15	C-256	402.96	343.81
C-340	412.86	349.15	C-257	402.96	343.81
C-341	412.86	349.15	C-258	402.96	343.81
C-342	412.86	349.15	C-259	402.96	343.81
C-343	412.86	349.15	C-260	402.96	343.81
C-344	412.86	349.15	C-261	402.96	343.81
C-345	412.86	349.15	C-262	402.96	343.81
C-346	412.86	349.15	C-263	402.96	343.81
C-347	412.86	349.15	C-264	402.96	343.81
C-348	412.86	349.15	C-265	402.96	343.81
C-349	412.86	349.15	C-266	402.96	343.81
C-350	412.86	349.15	C-267	402.96	343.81
C-351	412.86	349.15	C-268	402.96	343.81
C-352	412.86	349.15	C-269	402.96	343.81
C-353	412.86	349.15	C-270	402.96	343.81
C-354	412.86	349.15	C-271	402.96	343.81
C-355	412.86	349.15	C-272	402.96	343.81
C-356	412.86	349.15	C-273	402.96	343.81
C-357	412.86	349.15	C-274	402.96	343.81
C-358	412.86	349.15	C-275	402.96	343.81
C-359	412.86	349.15	C-276	402.96	343.81
C-360	412.86	349.15	C-277	402.96	343.81
C-361	412.86	349.15	C-278	402.96	343.81
C-362	412.86	349.15	C-279	402.96	343.81
C-363	412.86	349.15	C-280	402.96	343.81
C-364	412.86	349.15	C-281	402.96	343.81
C-365	412.86	349.15	C-282	402.96	343.81
C-366	412.86	349.15	C-283	402.96	343.81
C-367	412.86	349.15	C-284	402.96	343.81
C-368	412.86	349.15	C-285	402.96	343.81
C-369	412.86	349.15	C-286	402.96	343.81
C-370	412.86	349.15	C-287	402.96	343.81
C-371	412.86	349.15	C-288	402.96	343.81
C-372	412.86	349.15	C-289	402.96	343.81
C-373	412.86	349.15	C-290	402.96	343.81
C-374	412.86	349.15	C-291	402.96	343.81
C-375	412.86	349.15	C-292	402.96	343.81
C-376	412.86	349.15	C-293	402.96	343.81
C-377	412.86	349.15	C-294	402.96	343.81
C-378	412.86	349.15	C-295	402.96	343.81
C-379	412.86	349.15	C-296	402.96	343.81
C-380	412.86	349.15	C-297	402.96	343.81
C-381	412.86	349.15	C-298	402.96	343.81
C-382	412.86	349.15	C-299	402.96	343.81
C-383	412.86	349.15	C-300	402.96	343.81



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 Director: *Mona S. Suttles* 7/15/10
 Chief, Division of Land Development: *Ant Shalovich* 7-15-10
 Chief, Development Engineering Division: *Chad Eason* 7-14-10



GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20866
 TEL: 301-421-4024 FAX: 410-889-1820 DC/VA: 301-889-2524 FAX: 301-421-4186

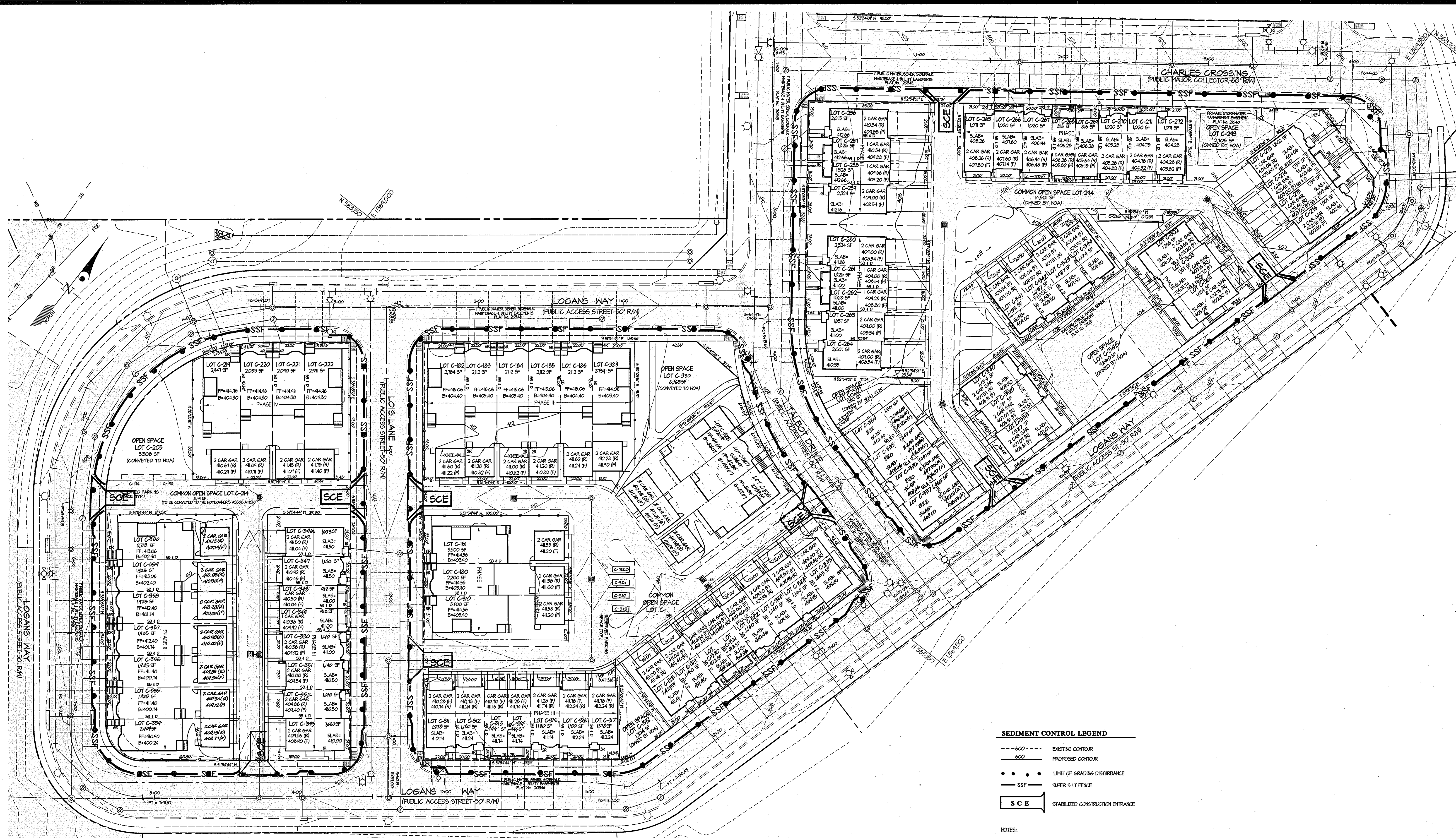
DATE	REVISION	BY	APPR.
09-20-2011	added new units (L2 & L3) on lots C-256 thru C-264, added typ units, designated parking spaces, added bay window to typ unit L2/L3	WJ	HJ
2011-02-01	REV. LOTS C-245 THRU C-261 TO RESUBDIVIDED LOTS C-338 THRU C-344 ALSO SITED LOTS C-347 THRU C-357 PREVIOUSLY LABELED "FUTURE LOTS"	WSJ	HJ
10-14-2010	ADD OPT. 3.67 EXT. TO L2 UNIT. ADDING THIS OPTION MAKES UNIT AN L-3	HJ	MS

PREPARED FOR:
 BA WATERLOO TOWNHOMES, LLC
 C/O BOZZUTO HOMES, INC.
 7850 WALKER DRIVE SUITE 400
 GREENBELT, MARYLAND 20770
 ATTN: DUNCAN SULLIVAN
 301-623-1525

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE PLANS 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. 13975, EXPIRATION DATE: MAY 28, 2012

SITE DEVELOPMENT PLAN
SHIPLEY'S GRANT
 PHASE III - LOTS C180 THRU C184, C191 THRU C205, C256 THRU C276, C310 THRU C381 AND C346 THRU C340
 PHASE IV - LOTS C214 THRU C222, C302 THRU C304, C334 THRU C336, C338 THRU C344
 PHASE V - LOT C357
 Plat Nos. 20342-46, 21038-41, 21319 and 21446-49
 HOWARD COUNTY, MARYLAND

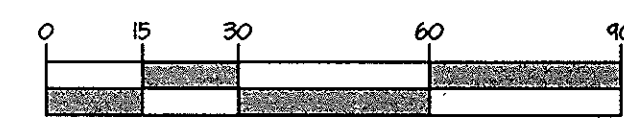
SCALE	ZONING	G. L. W. FILE NO.
1"=20'	RA-15	06002
DATE	TAX MAP - GRID	SHEET
MARCH/2010	37 - 1 & 2	3 OF 8



SEDIMENT CONTROL LEGEND

- 600 --- EXISTING CONTOUR
- 600 --- PROPOSED CONTOUR
- LIMIT OF GRADING DISTURBANCE
- SSF --- SUPER SILT FENCE
- SCE STABILIZED CONSTRUCTION ENTRANCE

- NOTES:
- 1) TEMPORARY SIGN IS PROVIDED BY THE FACILITY B LOCATED ON PARCEL C-12 PER F-06-14 (SEE SHEET #).
 - 2) IF HOUSE CONSTRUCTION IS CONCURRENT WITH ROAD CONSTRUCTION, COORDINATE THE WORK ON THESE LOTS WITH F-01-054 & F-08-006.
 - 3) NO STOCKPILE WILL BE PERMITTED ON SITE.



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

Thomas G. Suter 7/15/10
Director Date

Kat Glendon 7-15-10
Chief, Division of Land Development Date

Chad Chiswick 7-14-10
Chief, Development Engineering Division Date

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

John R. Roberts 7/15/10
DATE

BUILDER'S CERTIFICATE

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND 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 HCD."

Dustin 6-17-10
BOZZUTO HOMES DATE

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."

CKE 6-11-10
DATE

GLWGUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20886
TEL: 301-421-4024 FAX: 301-889-1820 DC/VA: 301-889-2524 FAX: 301-421-4186

DATE	REVISION	BY	APPR.
2011-02-01	REV. LOTS C-170, C-187 THRU C-205, C-198, C-217 THRU C-218, C-225 THRU C-301 TO RESUBDIVIDED LOTS C-210 THRU C-220, C-232, C-238 THRU C-344 AND C-346 THRU C-360. ALSO SITED LOTS C-334 THRU C-337 PREVIOUSLY LABELED "FUTURE LOTS"		HEJ

PREPARED FOR:
BA WATERLOO TOWNHOMES, LLC
C/O BOZZUTO HOMES, INC.
7850 WALKER DRIVE SUITE 400
GREENBELT, MARYLAND 20770
ATTN: DUNCAN SLIDELL
301-623-1525

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS 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. 12875
EXPIRATION DATE: MAY 28, 2012
CKE 6-11-10

THIS PLAN IS FOR SEDIMENT CONTROL PURPOSES ONLY

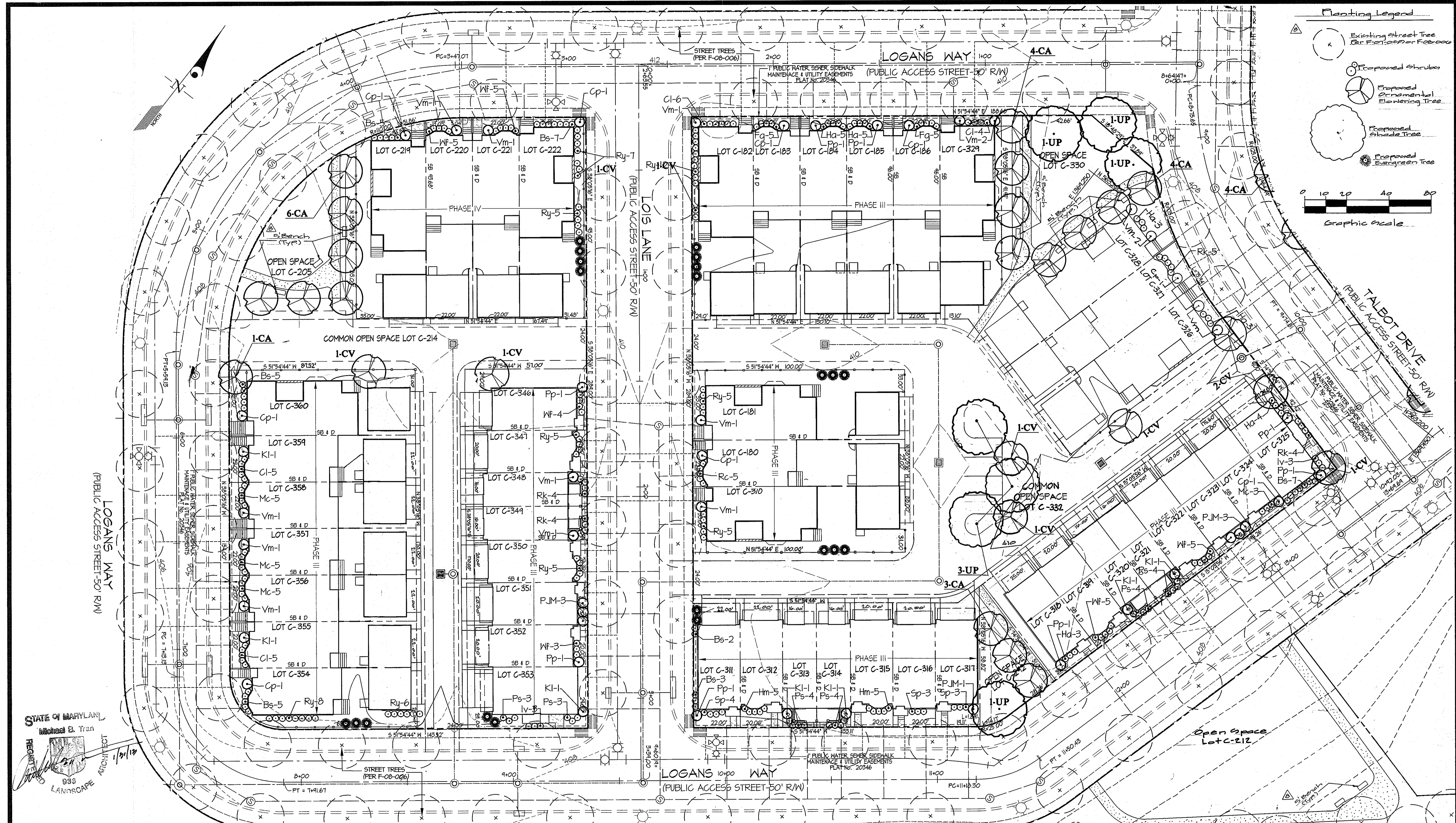
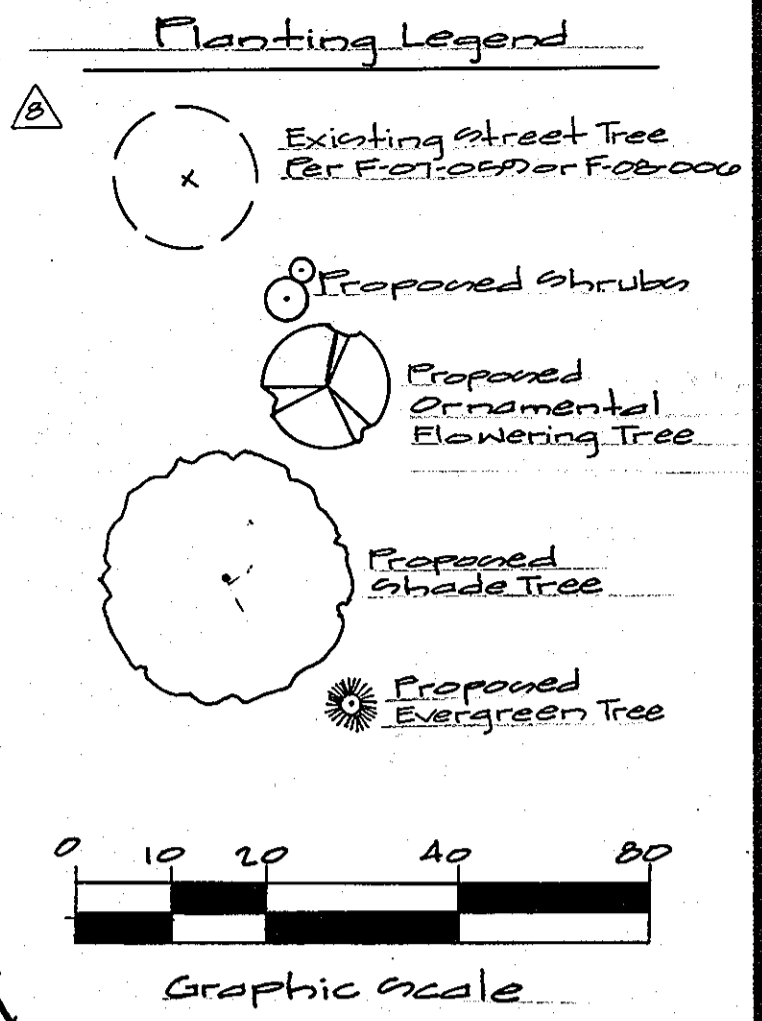
SEDIMENT CONTROL PLAN
SHIPLEY'S GRANT

PHASE II : LOTS C-180 THRU C-186, C-191 THRU C-203, C-256 THRU C-276, C-310 THRU C-320 AND C-346 THRU C-360
PHASE IV : LOTS C-219 THRU C-222, C-302 THRU C-304, C-334 THRU C-336, C-338 THRU C-344
PHASE V : LOT C-357

Plat Nos. 20342-46, 21038-41, 21319 AND 21446-49

ELECTION DISTRICT No. 1 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
1"=30'	RA-15	06002
DATE	TAX MAP - GRID	SHEET
MARCH/2010	37 - 1 & 2	4 OF 8



STATE OF MARYLAND
 Michael B. Tran
 REGISTERED ARCHITECT
 933 LANDSCAPE ARCHITECT
 1/31/19

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

Mona E. Suller 7/15/10
 Director Date

Walt Schulz 7-15-10
 Chief, Division of Land Development Date

Chad Chandra 7-14-10
 Chief, Development Engineering Division Date

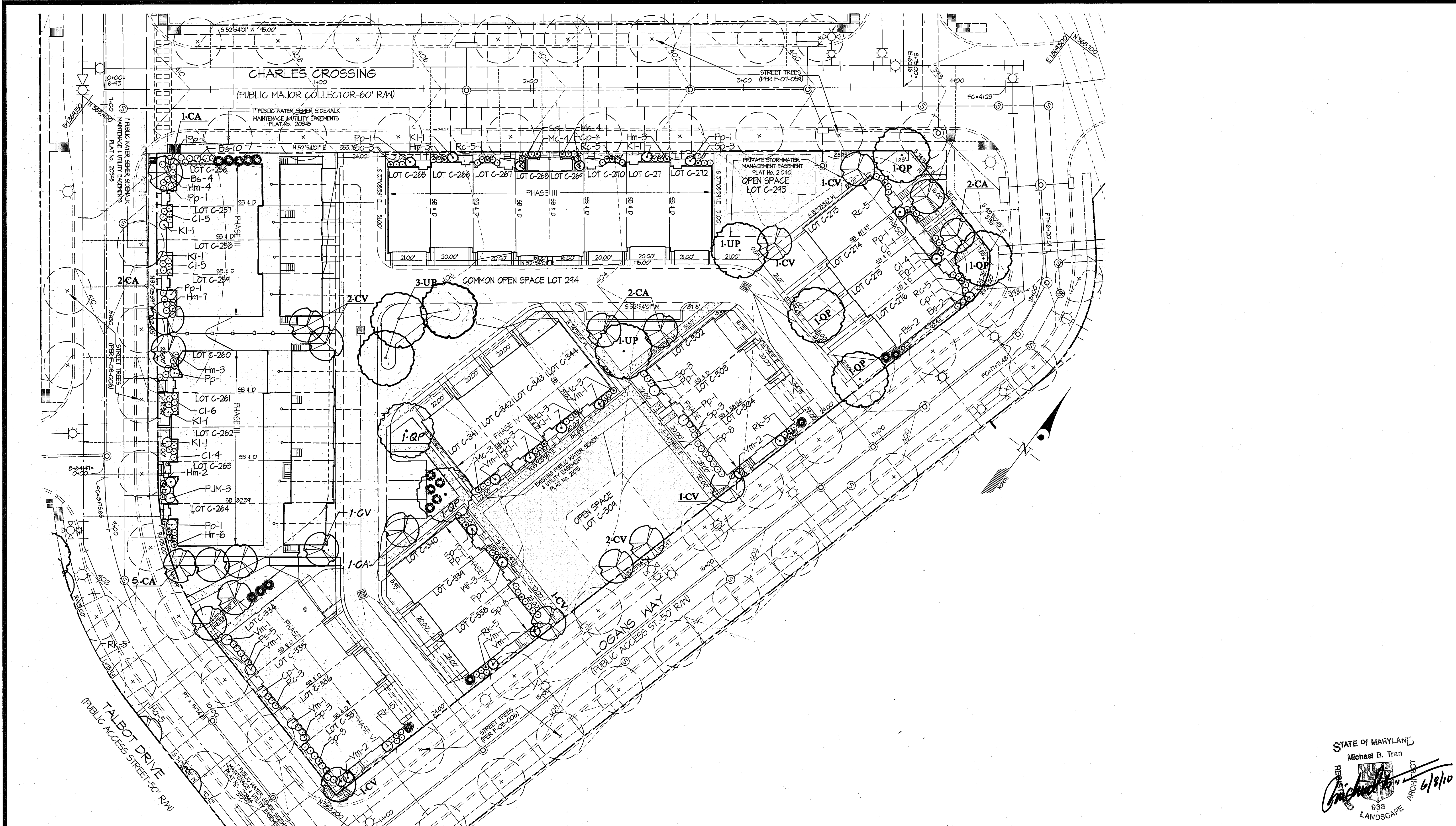
GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20866
 TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DATE	REVISION	BY	APPR.
11/11/2019	Pathways & benches added to lots C-205, C-211 & C-212	WST	WST
2017-02-01	REV. LOTS C-179, C-181 THRU C-205, C-211 THRU C-241 TO RESUBDIVIDED LOTS C-310 THRU C-324, AND C-346 THRU C-360. RELOCATE LANDSCAPE MATERIAL.	BT	HCU

PREPARED FOR:
 BA WATERLOO TOWNHOMES, LLC
 C/O BOZZUTO HOMES, INC.
 7850 WALKER DRIVE, SUITE 400
 GREENBELT, MARYLAND 20770
 -ATTN: DUNCAN SLIDELL
 301-623-1525

THIS PLAN IS FOR LANDSCAPING PURPOSES ONLY

LANDSCAPE PLAN		SCALE	ZONING	G. L. W. FILE NO.
SHIPLEY'S GRANT		1"=20'	RA-15	06002
PHASE III : LOTS C-180 THRU C-186, C-191 THRU C-205, C-256 THRU C-276, C-310 THRU C-329 AND 344 THRU 360		DATE	TAX MAP - GRID	SHEET
PHASE IV : LOTS C-219 THRU C-222, C-302 THRU C-304, C-334 THRU C-336, C-338 THRU C-344		MARCH/2010	37 - 1 & 2	6 OF 8
PHASE V : LOT C-351		ELECTION DISTRICT No. 1 Plat Nos. 20342-46, 21038-41, 21919 AND 21446-47 HOWARD COUNTY, MARYLAND		



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
Morgan S. Butler 7/15/10
 Director Date
Katehe Lewis 7-15-10
 Chief, Division of Land Development Date
Chad Edmondson 7/14/10
 Chief, Development Engineering Division Date

GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20866
 TEL: 301-421-4024 BAL: 410-980-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DATE	REVISION	BY	APPR.
2011-03-28	Revised Plantings for the New Units sited on Lots C-256 thru C-264	HKJ	MBT
2011-02-21	REV. LOTS C-245 THRU C-301 TO RESUBDIVIDED LOTS C-338 THRU C-344. ALSO SITED LOTS C-334 THRU C-337 PREVIOUSLY LABELED "FUTURE LOTS" RELOCATED LANDSCAPE MATERIAL.	GT	HSJ

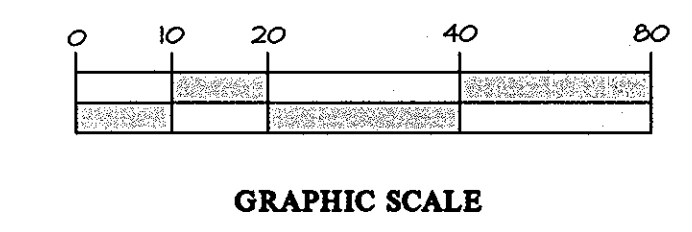
PREPARED FOR:
 BA WATERLOO TOWNHOMES, LLC
 C/O BOZZUTO HOMES, INC.
 7850 WALKER DRIVE, SUITE 400
 GREENBELT, MARYLAND 20770
 ATTN: DUNCAN SLIDELL
 301-623-1525

ELECTION DISTRICT No. 1

LANDSCAPE PLAN
SHIPLEY'S GRANT
 PHASE III: LOTS C-180 THRU C-186, C-191 THRU C-205, C-256 THRU C-276, C-310 THRU C-319
 PHASE IV: LOTS C-219 THRU C-222, C-302 THRU C-304, C-334 THRU C-336, C-338 THRU C-344
 PHASE V: LOT C-337
 Plat Nos. 20342-46, 21038-41, 21819 AND 21446-49
 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
1"=20'	RA-15	06002
DATE	TAX MAP - GRID	SHEET
MARCH/2010	37 - 1 & 2	7 OF 8

THIS PLAN IS FOR LANDSCAPING PURPOSES ONLY



STATE OF MARYLAND
 Michael B. Tran
 REGISTERED ARCHITECT
 833 LANDSCAPE ARCHITECT
 6/8/10

SPECIFICATIONS: PLANT MATERIALS AND PLANTING METHODS

A. PLANT MATERIALS

THE LANDSCAPE CONTRACTOR SHALL FURNISH AND INSTALL AND/OR DIG, BALL, BURLAP AND TRANSPORT ALL OF THE PLANT MATERIALS CALLED FOR ON DRAWINGS AND/OR LISTED IN THE PLANT SCHEDULE.

1. PLANT NAMES
PLANT NAMES USED IN THE PLANT SCHEDULE SHALL CONFORM WITH "STANDARDIZED PLANT NAMES," LATEST EDITION.

2. PLANT STANDARDS
ALL PLANT MATERIAL SHALL BE EQUAL TO OR BETTER THAN THE REQUIREMENTS OF THE "USA STANDARD FOR NURSERY STOCK" LATEST EDITION, AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN (HERE-AFTER REFERRED TO AS "AA" STANDARDS). ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, SHALL HAVE A NORMAL HABIT OF GROWTH AND SHALL BE FIRST QUALITY, SOUND, VIGOROUS, WELL-BRANCHED AND WITH HEALTHY, WELL-FUNCTIONING ROOT SYSTEMS. THEY SHALL BE FREE OF DISEASE, INSECT PESTS AND MECHANICAL INJURIES.

ALL PLANTS SHALL BE NURSERY GROWN AND SHALL HAVE BEEN GROWN UNDER THE SAME CLIMATE CONDITIONS AS THE LOCATION OF THIS PROJECT FOR AT LEAST TWO YEARS BEFORE PLANTING. NETHER HELELD-IN PLANTS NOR PLANTS FROM COLD STORAGE WILL BE ACCEPTED.

3. PLANT MEASUREMENTS
ALL PLANTS SHALL CONFORM TO THE MEASUREMENTS SPECIFIED IN THE PLANT SCHEDULE AS APPROVED BY THE DESIGN REVIEW COMMITTEE (DRK).

A. CALIPER MEASUREMENTS SHALL BE TAKEN SIX INCHES (6") ABOVE GRADE FOR TREES UNDER FOUR-INCH (4") CALIPER AND TWELVE (12") ABOVE GRADE FOR TREES FOUR INCHES (4") IN CALIPER AND OVER.

B. MINIMUM BRANCHING HEIGHT FOR ALL SHADE TREES SHALL BE SIX FEET (6'), MAXIMUM EIGHT FEET (8').

C. CALIPER, HEIGHT, SPREAD AND SIZE OF BALL SHALL BE GENERALLY AS FOLLOWS:

Table with 5 columns: CALIPER, HEIGHT, SPREAD, SIZE OF BALL. Rows show specifications for 3", 3.5", 4", 4.5", 5", 5.5" caliper sizes.

ALL PLANT MATERIAL SHALL GENERALLY AVERAGE THE MEDIAN FOR THE SIZE RANGES INDICATED ABOVE AS INDICATED IN THE "AA" STANDARDS.

4. PLANT IDENTIFICATION
LEAVELABELS SHALL BE ATTACHED TO ALL SHADE TREES, MINOR TREES, SPECIEN SHUBS AND BURLAP OR BOXES OF OTHER PLANT MATERIAL GIVING THE BOTANICAL AND COMMON NAMES, SIZE AND QUANTITY OF EACH. EACH SHIPMENT OF PLANTS SHALL BEAR CERTIFICATES OF INSPECTION AS REQUIRED BY FEDERAL, STATE AND COUNTY AUTHORITIES.

5. PLANT INSPECTION
THE DESIGN REVIEW COMMITTEE MAY, UPON REQUEST BY THE BUILDER OR DEVELOPER, AT LEAST TEN (10) DAYS PRIOR TO THE INSTALLATION OF ANY PROPOSED PLANT MATERIAL, INSPECT ALL PROPOSED PLANT MATERIAL AT THE SOURCE OF ORIGIN.

6. PLANTING METHODS
ALL PROPOSED PLANT MATERIALS THAT MEET THE SPECIFICATIONS IN SECTION A ARE TO BE PLANTED IN ACCORDANCE WITH THE FOLLOWING METHODS DURING THE PROPER PLANTING SEASONS AS DESCRIBED IN THE FOLLOWING:

1. PLANTING SEASONS
THE PLANTING OF DECIDUOUS TREES, SHRUBS AND VINES SHALL BE FROM MARCH 15TH TO LATE SEPTEMBER 15TH TO DECEMBER 15TH. PLANTING OF DECIDUOUS MATERIAL MAY BE CONTINUED DURING THE WINTER MONTHS PROVIDING THERE IS NO FROST IN THE GROUND AND FROST-FREE TOPSOIL PLANTING MIXTURES ARE USED.

THE PLANTING OF EVERGREEN MATERIAL SHALL BE FROM MARCH 15TH TO JUNE 15TH AND FROM AUGUST 15TH TO DECEMBER 15TH. NO PLANTING SHALL BE DONE WHEN THE GROUND IS FROZEN OR EXCESSIVELY MOIST. NO FROZEN OR WET TOPSOIL SHALL BE USED AT ANY TIME.

2. DIGGING
ALL PLANT MATERIAL SHALL BE DUS, BALLED AND BURLAPPED (B4B) IN ACCORDANCE WITH THE "AA" STANDARDS.

3. EXCAVATION OF PLANT PITS
THE LANDSCAPING CONTRACTOR SHALL EXCAVATE ALL PLANT PITS, VINE PITS, HEDGE TRENCHES AND SHRUB BEDS IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

A. LOCATIONS OF ALL PROPOSED PLANT MATERIAL SHALL BE STAKED AND APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT BEFORE ANY OF THE PROPOSED PLANT MATERIAL IS INSTALLED BY THE LANDSCAPE CONTRACTOR.

B. ALL PITS SHALL BE GENERALLY CIRCULAR IN OUTLINE. VERTICAL SIDES, DEPTH SHALL NOT BE LESS THAN 6" DEEPER THAN THE ROOT BALL. DIAMETER SHALL NOT BE LESS THAN TWO TIMES THE DIAMETER OF THE ROOT BALL AS SET FORTH IN THE FOLLOWING SCHEDULE.

C. IF AREAS ARE DESIGNATED AS SHRUB BEDS OR HEDGE TRENCHES, THEY SHALL BE EXCAVATED TO AT LEAST 12" DEPTH MINIMUM. AREAS DESIGNATED FOR GRASS COVERS AND VINES SHALL BE EXCAVATED TO AT LEAST 12" IN DEPTH MINIMUM.

D. DIAMETER AND DEPTH OF TREE PITS SHALL GENERALLY BE AS FOLLOWS:

Table with 4 columns: PLANT SIZE, ROOT BALL, PIT DIA., PIT DEPTH. Rows show specifications for 3", 3.5", 4", 4.5", 5", 5.5" caliper sizes.

A 20% COMPACTION FIGURE OF THE SOIL TO BE REMOVED IS ASSIGNED AND WILL BE ALLOWED IN CALCULATION OF EXTRA TOPSOIL. THE TABULATED PIT SIZES ARE FOR PURPOSES OF UNIFORM CALCULATION AND SHALL NOT OVERRIDE THE SPECIFIED DEPTHS BELOW THE BOTTOMS OF THE ROOT BALLS.

4. STAKING, GUYING AND WRAPPING
ALL PLANT MATERIAL SHALL BE STAKED OR GUYED, AND WRAPPED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

A. STAKES SHALL BE SOUND HOOK 2" X 2" ROUGH SAWN OAK OR SIMILAR DURABLE WOODS, OR LENGTHS MINIMUM TWO (2) FEET FOR MAJOR TREES AND 5'-0" MINIMUM FOR MINOR TREES.

B. WIRE AND CABLE WIRE SHALL BE #10 GA. GALVANIZED OR BETHANIZED ANNEALED STEEL WIRE. FOR TREES OVER 3" CALIPER, PROVIDE 5/8" TURN BACKS, EYE AND EYE WITH 4" TANGS. FOR TREES OVER 3" CALIPER, PROVIDE 3/8" TURN STRAND CABLE CATHODIC PLATED STEEL, WITH GALVANIZED "EYE" THIMBLES OF WIRE AND HOSE ON TREES UP TO 3" IN CALIPER.

C. HOSE SHALL BE NEW 2 PLY REINFORCED RUBBER HOSE, MINIMUM 1/2" I.D. "PLASTIC LOCK TIES" OR "PAUL'S TREES BRACES" MAY BE USED IN PLACE OF WIRE AND HOSE ON TREES UP TO 3" IN CALIPER.

D. ALL TREES UNDER 3" IN CALIPER ARE TO BE PLANTED AND STAKED IN ACCORDANCE WITH THE ATTACHING PLANTING DETAILS.

5. PLANT PRUNING, EDGING AND MULCHING
A. EACH TREE, SHRUB OR VINE SHALL BE PRUNED IN AN APPROPRIATE MANNER TO ITS PARTICULAR REQUIREMENTS, IN ACCORDANCE WITH ACCEPTED STANDARD PRACTICE. BROKEN OR BRUISED BRANCHES SHALL BE REMOVED WITH CLEAN CUTS FLUSH WITH THE ADJACENT TRUNK OR BRANCHES. ALL CUTS OVER 1" IN DIAMETER SHALL BE PAINTED WITH AN APPROVED ANTISEPTIC TREE WOUND DRESSING.

B. ALL TRENCHES AND SHRUB BEDS SHALL BE EDGED AND CULTIVATED TO THE LINES SHOWN ON THE DRAWINGS. THE AREAS AROUND ISOLATED PLANTS SHALL BE EDGED AND CULTIVATED TO THE FULL DIAMETER OF THE PIT. SOIL WHICH HAS BEEN REMOVED AND STACKED SHALL BE USED TO TRIM THE EDGES OF ALL EXCAVATED AREAS TO THE NEAR LINES OF THE PLANT PIT SAUERS, THE EDGES OF SHRUB AREAS, HEDGE TRENCHES AND VINE POCKETS.

C. AFTER CULTIVATION, ALL PLANT MATERIALS SHALL BE MULCHED WITH A 3" LAYER OF FINE SHREDED PINE BARK, PEAT MOSS, OR ANOTHER APPROVED MATERIAL OVER THE ENTIRE AREA OF THE BED OR SAUER.

6. PLANT INSPECTION AND ACCEPTANCE
THE DESIGN REVIEW COMMITTEE SHALL BE RESPONSIBLE FOR INSPECTING ALL PLANTING PROJECTS PRIOR TO PERFORMING BACKFILL THAT ALL WORK IS PROCEEDING IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.

7. PLANT GUARANTEE
ALL PLANT MATERIAL SHALL BE GUARANTEED FOR THE DURATION OF ONE FULL GROWING SEASON, AFTER FINAL INSPECTION AND ACCEPTANCE OF THE WORK IN THE PLANTING PROJECT. PLANTS SHALL BE ALIVE AND IN SATISFACTORY GROWING CONDITION AT THE END OF THE GUARANTEE PERIOD.

A. FOR THIS PURPOSE, THE "GROWING SEASON" SHALL BE THAT PERIOD BETWEEN THE END OF THE "SPRING" PLANTING SEASON AND THE COMMENCEMENT OF THE "FALL" PLANTING SEASON.

B. GUARANTEE FOR PLANTING PERFORMED AFTER THE SPECIFIED END OF THE "SPRING" PLANTING SEASON SHALL BE EXTENDED THROUGH THE END OF THE NEXT FOLLOWING "SPRING" PLANTING SEASON.

SODDING
ALL SODDING SHALL BE IN ACCORDANCE WITH THE "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS" LATEST EDITION, APPROVED BY THE LANDSCAPE CONTRACTORS ASSOCIATION OF METROPOLITAN WASHINGTON AND THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS.

ALL SOD SHALL BE STRONGLY ROOTED SOD, NOT LESS THAN TWO YEARS OLD AND FREE OF WEEDS AND UNDESIRABLE NATIVE GRASSES. PROVIDE ONLY SOD CAPABLE OF GROWTH DEVELOPMENT WHEN PLANTED AND IN STRIPS NOT MORE THAN 16" WIDE X 41" LONG. PROVIDE SOD COMPOSED PRINCIPALLY OF IMPROVED STRAIN KENTUCKY BLUEGRASS, SUCH AS COLUMBIA VICTA, OR ESCORT.

LANDSCAPING NOTES

1. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE OF THE HOWARD COUNTY LANDSCAPE MANUAL.

2. CONTRACTOR SHALL NOTIFY ALL UTILITIES AT LEAST (5) FIVE DAYS BEFORE STARTING WORK. ALL GENERAL NOTES, ESPECIALLY THOSE REGARDING UTILITIES, ON SHEET 1 SHALL APPLY.

3. FIELD VERIFY UNDERGROUND UTILITY LOCATIONS AND EXISTING CONDITIONS BEFORE STARTING PLANTING WORK. CONTACT ENGINEER / LANDSCAPE ARCHITECT IF ANY RELOCATIONS ARE REQUIRED.

4. PLANT QUANTITIES SHOWN ON PLANT LIST ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. IF DISCREPANCIES EXIST BETWEEN QUANTITIES SHOWN ON THE PLAN AND THOSE SHOWN ON THE PLANT LIST, THE QUANTITIES ON THE PLAN SHALL TAKE PRECEDENCE.

5. ALL PLANT MATERIAL SHALL BE FULL, HEAVY, WELL-FORMED, AND SYMMETRICAL, AND CONFORM TO THE "AA" SPECIFICATIONS, AND BE INSTALLED IN ACCORDANCE WITH PROJECT SPECIFICATIONS.

6. NO SUBSTITUTION SHALL BE MADE WITHOUT WRITTEN CONSENT OF THE OWNER OR HIS REPRESENTATIVE.

7. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES BUT NOT OTHERWISE PLANTED, PAVED, OR MULCHED SHALL BE SEEDED OR SODDED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

8. THE CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING IF HE/SHE ENCOUNTERS SOIL DRAINAGE CONDITIONS WHICH MAY BE DETRIMENTAL TO THE GROWTH OF THE PLANTS.

9. ALL EXPOSED EARTH WITHIN LIMITS OF PLANTING BEDS SHALL BE MULCHED WITH SHREDED HARDWOOD MULCH PER PLANTING DETAILS.

10. DO NOT PLANT WITHIN THE PUBLIC WATER, SEWER, OR UTILITY EASEMENTS.

11. SCHEDULES "A", "B" AND "C" ARE PROVIDED FOR LANDSCAPE SURETY CALCULATION PURPOSES. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING SHALL BE POSTED WITH THE DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$23,900.00 FOR FOLLOWING REQUIRED PLANT QUANTITIES:

FOR LANDSCAPE INSPECTION TO OBTAIN THE RELEASE OF THE SURETY, CONTACT HOWARD COUNTY DEPT. OF PLANNING & ZONING AT 410-313-2350.

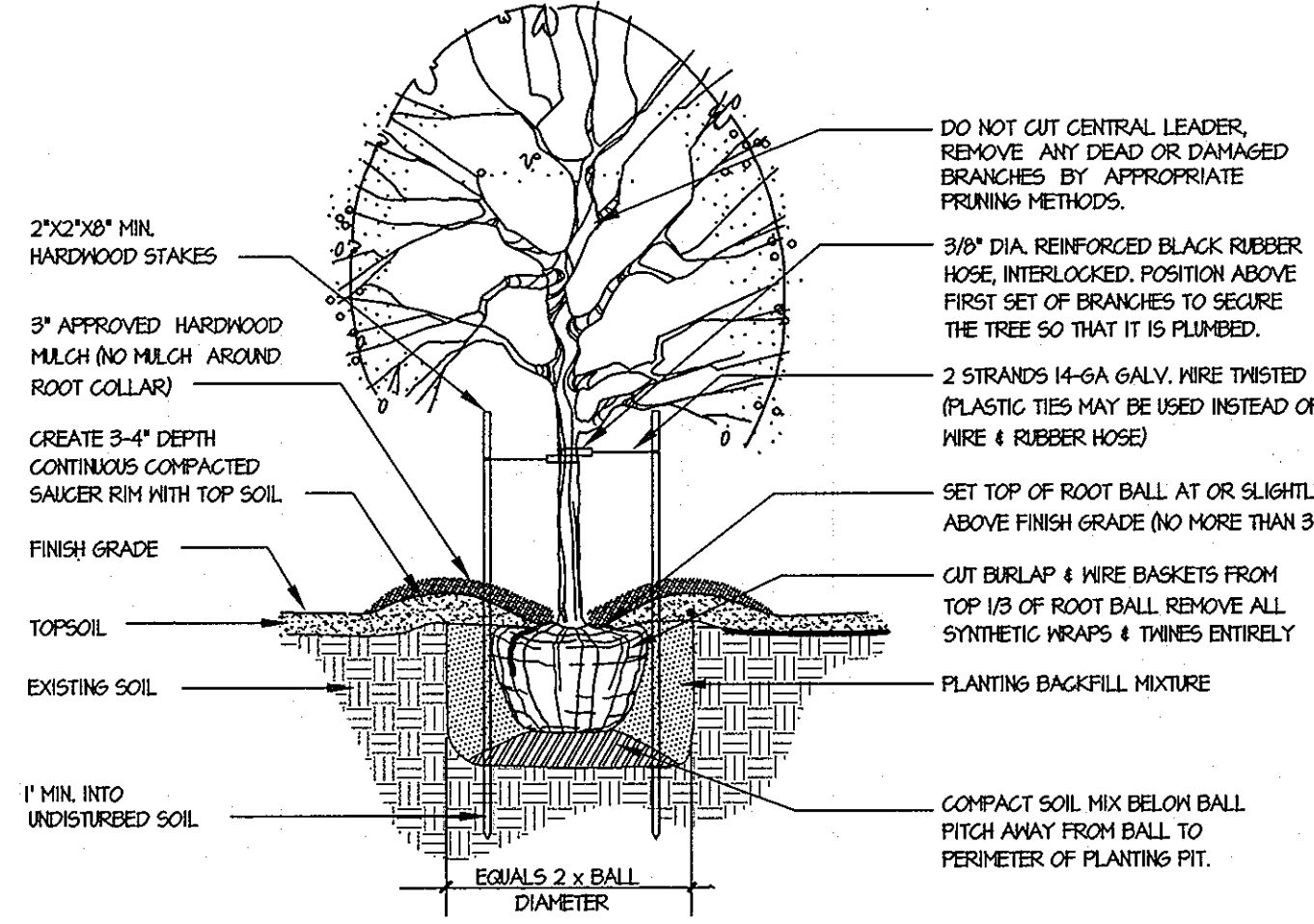
25 EVERGREEN TREES AT \$150/TREE = \$ 3,750.00

46 SHADE TREES AT \$1300/TREE = \$ 59,800.00

25 EVERGREEN TREES AT \$150/TREE = \$ 3,750.00

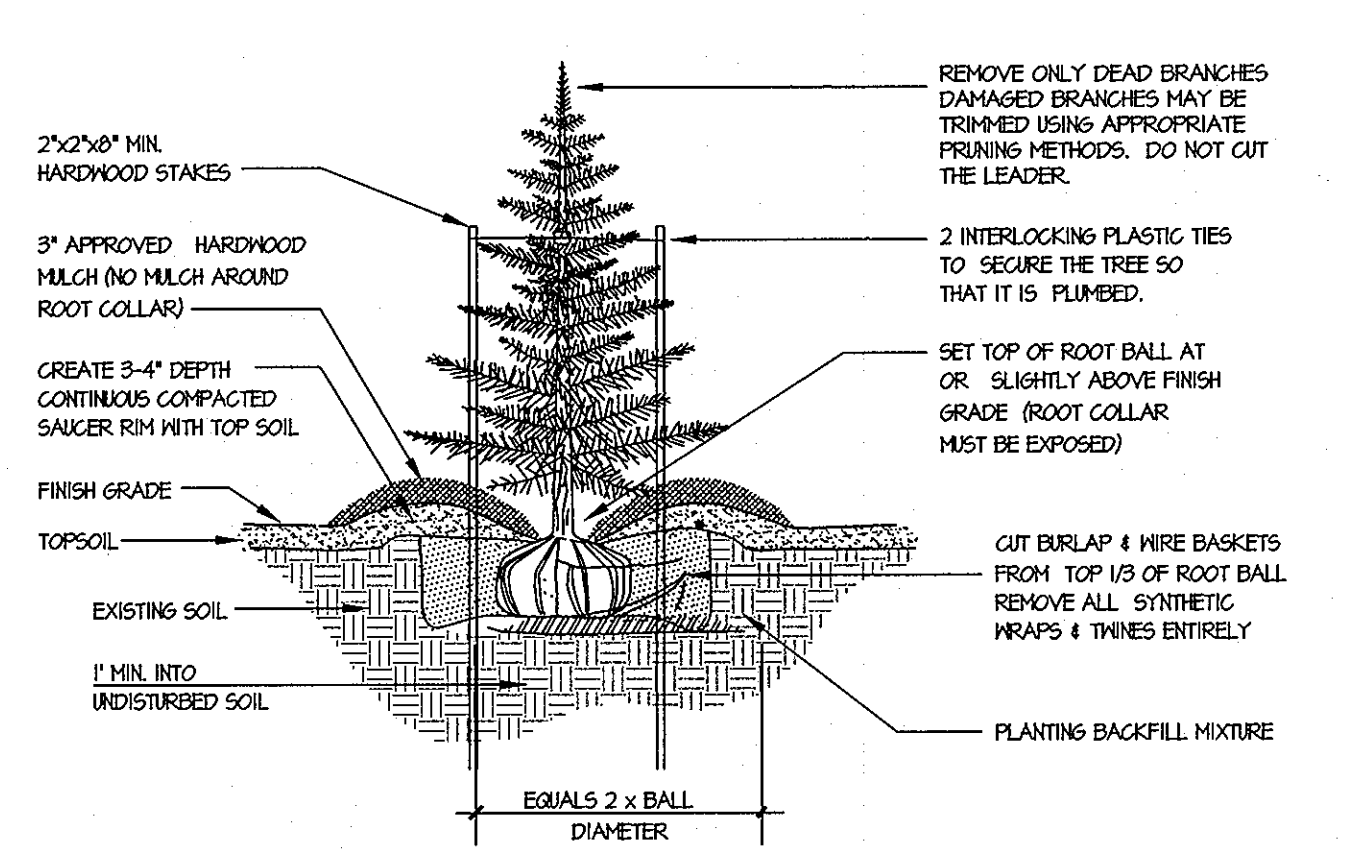
46 SHADE TREES AT \$1300/TREE = \$ 59,800.00

FOR LANDSCAPE INSPECTION TO OBTAIN THE RELEASE OF THE SURETY, CONTACT HOWARD COUNTY DEPT. OF PLANNING & ZONING AT 410-313-2350.



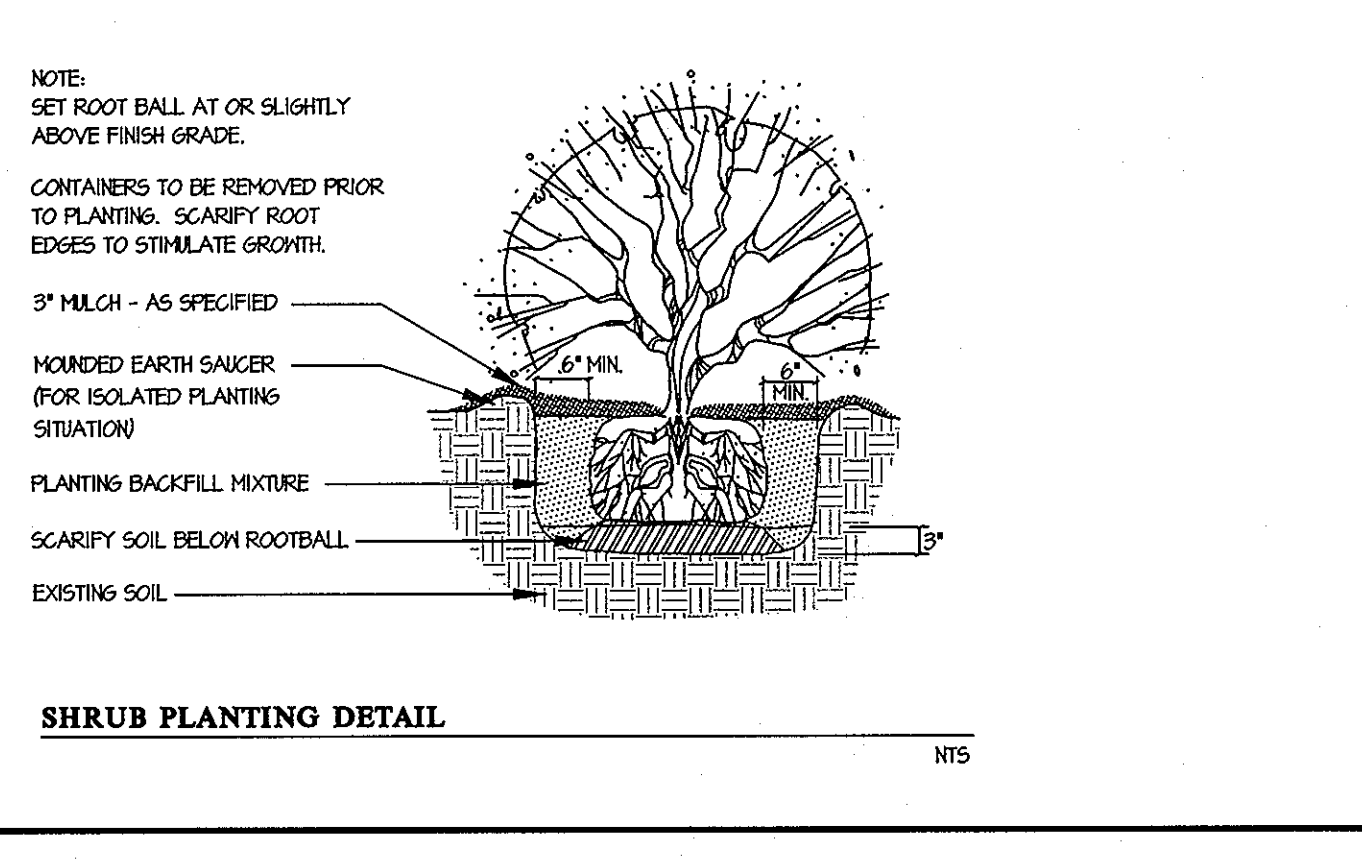
NOTE: ALL SUPPORTING DEVICES (STAKES, TIRES, ETC.) SHALL BE REMOVED AFTER 2 GROWING SEASONS.

DECIDUOUS TREE PLANTING DETAIL

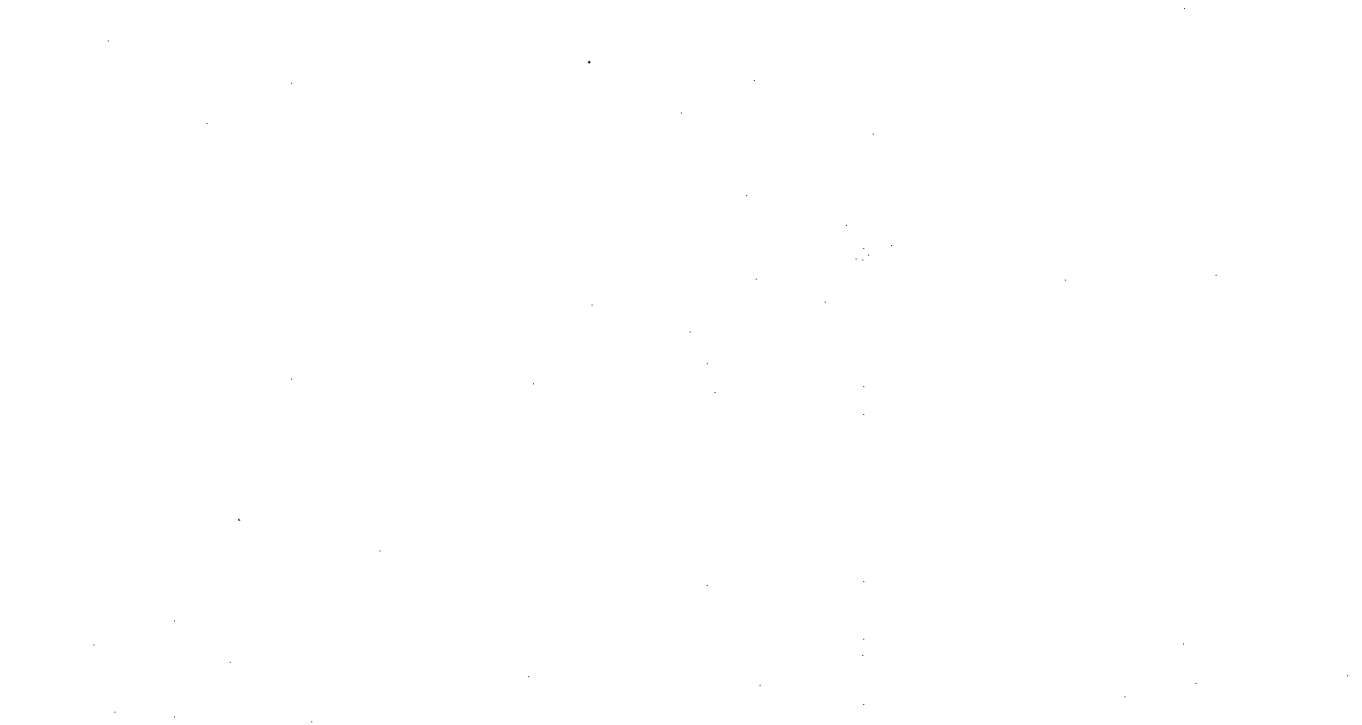


NOTE: ALL SUPPORTING DEVICES (STAKES, TIRES, ETC.) SHALL BE REMOVED AFTER 2 GROWING SEASONS.

EVERGREEN TREE PLANTING DETAIL



NOTE: ALL SUPPORTING DEVICES (STAKES, TIRES, ETC.) SHALL BE REMOVED AFTER 2 GROWING SEASONS.



NOTE: ALL SUPPORTING DEVICES (STAKES, TIRES, ETC.) SHALL BE REMOVED AFTER 2 GROWING SEASONS.

SCHEDULE A table listing lot numbers, perimeter landscape categories, and quantities of trees/shrubs.

* NOTE: DUE TO LOT CONSTRAINTS AND BUILDING CONFIGURATION, SHRUB QUANTITIES INCLUDE SIDE, REAR, AND FRONT OF BUILDING AND SUBSTITUTIONS ARE AS FOLLOWS:

• 2 ORNAMENTAL OR EVERGREEN TREES FOR 1 SHADE TREE

PLANT LIST table listing botanical names and sizes for various tree and shrub species.

SCHEDULE - B: PARKING LOT INTERNAL LANDSCAPING

Table for parking lot landscaping showing number of parking spaces, shade trees, and shrubs.

SCHEDULE - C: RESIDENTIAL INTERNAL LANDSCAPING

Table for residential landscaping showing number of dwelling units, trees, and shrubs.

NOTE: DUE TO LOT CONSTRAINTS SOME OF THE LOT TREES ARE RELOCATED TO THE OPEN SPACE AND/OR SUBSTITUTED WITH ORNAMENTAL TREES, EVERGREEN TREES OR SHRUBS.

REQUIRED LANDSCAPE SURETY

Table showing required landscape surety for different plant types.

LANDSCAPE SURETY TO BE POSTED AS PART OF THE GRADING PERMIT PER EACH GROUP OF LOTS

Table showing landscape surety requirements for different lot groups.

A TOTAL LANDSCAPE INSPECTION FEE OF \$371.85 FOR THE THREE GROUPS OF LOTS WAS PAID WITH THE SUBMISSION OF THE PLAN ORIGINALS.

DEVELOPER/BUILDER'S CERTIFICATE

I HEREBY CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE, THE HOWARD COUNTY LANDSCAPE MANUAL, THE FURTHER CERTIFY THAT UPON COMPLETION A LETTER OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

Signature and date of developer/builder.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

Signature and date of planning and zoning official.

Chief, Division of Land Development

Signature and date of development engineering official.

Chief, Development Engineering Division

GLWGUTSCHICK LITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS

3909 NATIONAL DRIVE - SUITE 250 - BURTONTVILLE OFFICE PARK

2011-05-10 Revised Schedules A, G, Plant List and the Surety Charts for the Revised Planting for the New Units Sited on Lots G-256 thru G-264

2011-02-01 REV LIST # IN SCHEDULE A PER REVISED REVISIONED LIST #s

DATE BY APPR.

PREPARED FOR:

BA WATERLOO TOWNHOMES, LLC
C/O BOZZUTO HOMES, INC.
7850 WALKER DRIVE SUITE 400
GREENBELT, MARYLAND 20770
ATTN: DUNCAN SLIDELL
301-623-1525

LANDSCAPE NOTES AND DETAILS

SHIPLEY'S GRANT

PHASE III: LOTS C-180 THRU C-186, C-191 THRU C-205, C-256 THRU C-276, C-310 THRU C-330 AND C-346 THRU C-360
PHASE IV: LOTS C-220 THRU C-222, C-262 THRU C-304, C-334 THRU C-336, C-338 THRU C-344
PHASE V: LOT C-357

Plot Nos. 20342-46, 21038-41, 21349 AND 21446 A-D

ELECTION DISTRICT No. 1

SCALE

NTS

ZONING

RA-15

G. L. W. FILE No.

06002

DATE TAX MAP - GRID SHEET

MARCH/2010 37 - 1 & 2 8 OF 8