



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: 07/10/14

Permit No.: B14002415

Building Address: 12157 Hayland Farm Ln
 City: Ellicott City State: MD Zip Code: 21765
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: Walnut Creek
 Section: _____ Area: _____ Lot: 52
 Tax Map: 28 Parcel: 49 Grid: 11
 Zoning: _____ Map Coordinates: _____ Lot Size: 2,275 SF

Property Owner's Name: BV Business Trust
 Address: PO Box 482
 City: U.S.G.M. State: MD Zip Code: 21765
 Phone: 703-858-0777 Fax: _____
 Email: _____

Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: Rachel Carr
 Address: 1557 Baltimore Ln
 City: Landsville State: MD Zip Code: 21029
 Phone: 240-988-2329 Fax: _____
 Email: carrache@gmail.com

Contractor Company: Craftmark Homes
 Contact Person: David Schen
 Address: 1355 Berkeley Rd.
 City: McLean State: VA Zip Code: 22101
 License No.: 451-784
 Phone: 703-858-6377 Fax: _____
 Email: _____

Engineer/Architect Company: _____
 Responsible Design Prof.: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling	<input type="checkbox"/> SF Townhouse
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 st floor:	
Area of construction (sq. ft.):	2 nd floor:	
Use group:	Basement:	
	<input type="checkbox"/> Finished Basement	
	<input checked="" type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
	<input type="checkbox"/> Slab on Grade	
	No. of Bedrooms: 4	
	Multi-family Dwelling	
	No. of efficiency units:	
	No. of 1 BR units:	
	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
	Footings:	
	Roof:	
	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input type="checkbox"/> Electric	<input type="checkbox"/> Oil
<input checked="" type="checkbox"/> Natural Gas	<input type="checkbox"/> Propane Gas
<input type="checkbox"/> Other:	
Sprinkler System:	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Grading Permit Number: G14000210	
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Rachel Carr Print Name: Rachel Carr
 Email Address: carrache@gmail.com Date: 7/10/14
 Title/Company: owner/CPS

RECEIVED
 JUL 10 2014

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 FOR OFFICE USE ONLY

LICENSES & PERMITS
 DIVISION

AGENCY	DATE	SIGNATURE OF APPROVAL	DPZ SETBACK INFORMATION	Filing Fee
State Highways			Front:	\$ 100.00
Building Officials			Rear:	\$
PSZA (Zoning)			Side:	\$
PSZA (Engineering)			Side St.:	\$
Health	7/29/14	H. Oswald	All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No	Guaranty Fund \$ 50.00
			Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l per Fee \$
			Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No	Total Fees \$
			Lot Coverage for New Town Zone:	Sub-Total Paid \$
			SDP/Red-line approval date:	Balance Due \$
				Check # 60078-60079017

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

July 23, 2014

CARR PERMITTING SOLUTIONS
6557 BALLYMORE LANE
CLARKSVILLE, MD
RACHEL CARR

*Sent via email to: CARRRACHE@GMAIL.COM
DSCHOEN@CRAFTMARKHOMES.COM*

RE: B14002415
12157 Hayland Farm Way
Ellicott City, MD 21042

Ms. Carr:

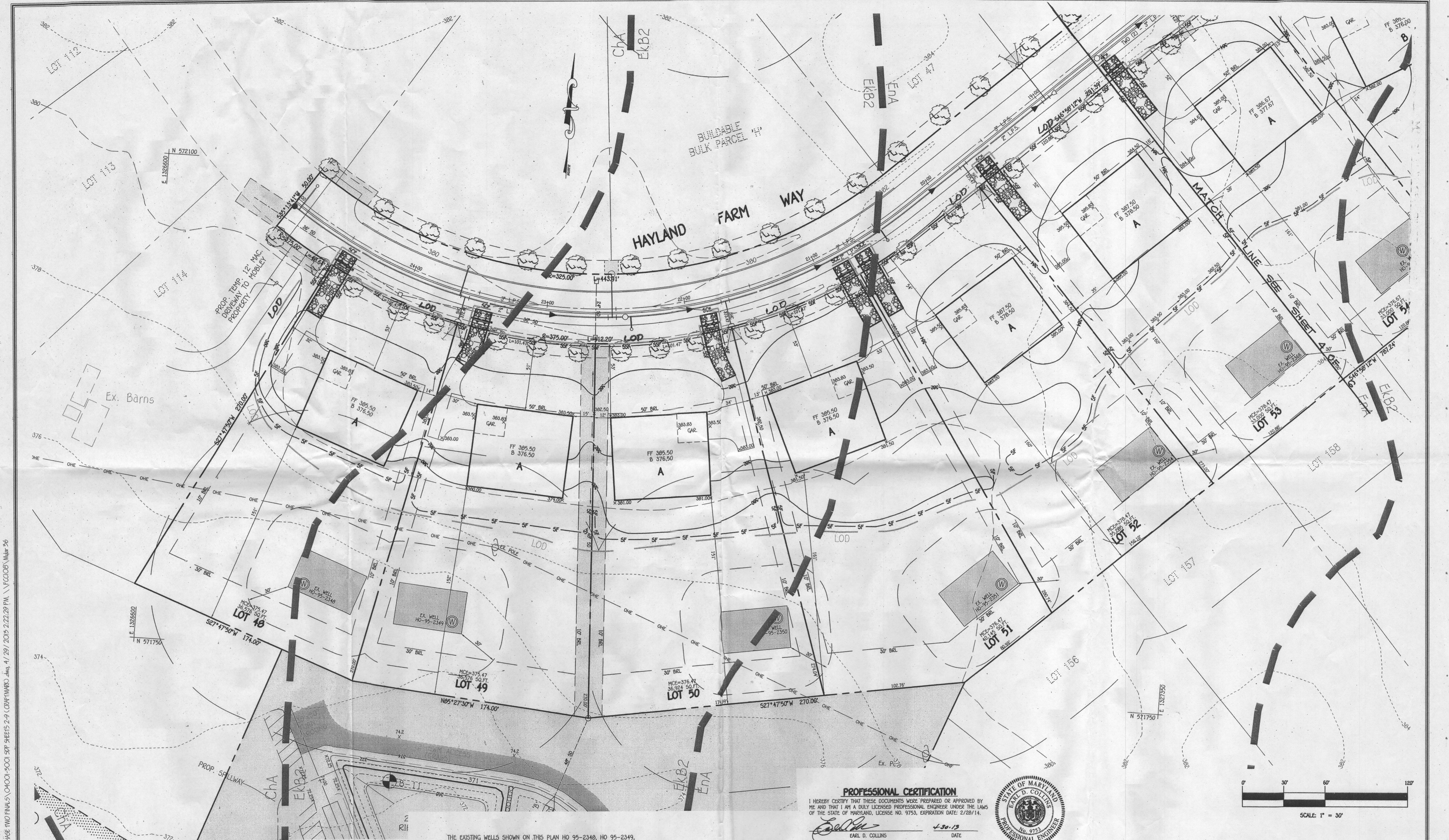
This letter is in response to building permit B14002415. The application describes the construction of a single family dwelling. Upon review of the submittal, the plan did not include the following items; the invert elevations of the line out of the house to the grinder pit connection. Please revise your plan to show the referenced elevations.

Building permit approval is being withheld until a revised scaled site plan is forwarded to the Health Department. I may be reached at (410) 313-1786 if you would like to discuss the project.

Respectfully,

Hank Oswald

Hank Oswald, L.E.H.S
Bureau of Environmental Health
Well & Septic Program



I:\2004\CHOC\Phase Two\Final\5-0001-0001-SPR SHEETS 2-9 (DRAWING) - 4/29/2013 2:22:29 PM - V:\C0008\Wksh 26

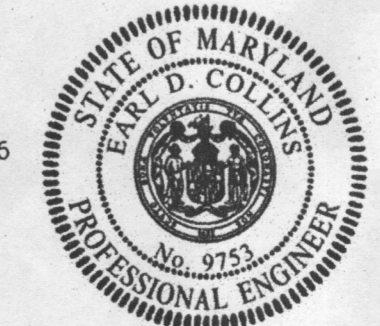
FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21042
 (410) 461-2895

NO.	REVISION	DATE

THE EXISTING WELLS SHOWN ON THIS PLAN HO 95-2348, HO 95-2349, HO 95-2350, HO 95-2351, HO 95-2354 AND HO 95-2366 HAVE BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND ARE ACCURATELY SHOWN.

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: *John K. [Signature]* 5/13/13
 HOWARD SOIL CONSERVATION DISTRICT

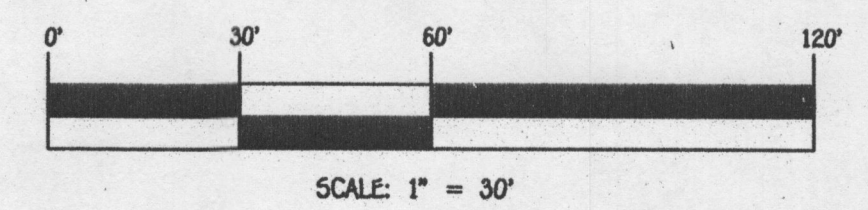
PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 9753, EXPIRATION DATE: 2/28/14.
Earl D. Collins 4.30.13
 EARL D. COLLINS DATE



DEVELOPER'S CERTIFICATE
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND 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 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."
David Pastva 4/30/13
 SIGNATURE OF DEVELOPER DAVID PASTVA DATE

ENGINEER'S CERTIFICATE
 "I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."
Earl D. Collins 4.30.13
 EARL D. COLLINS DATE

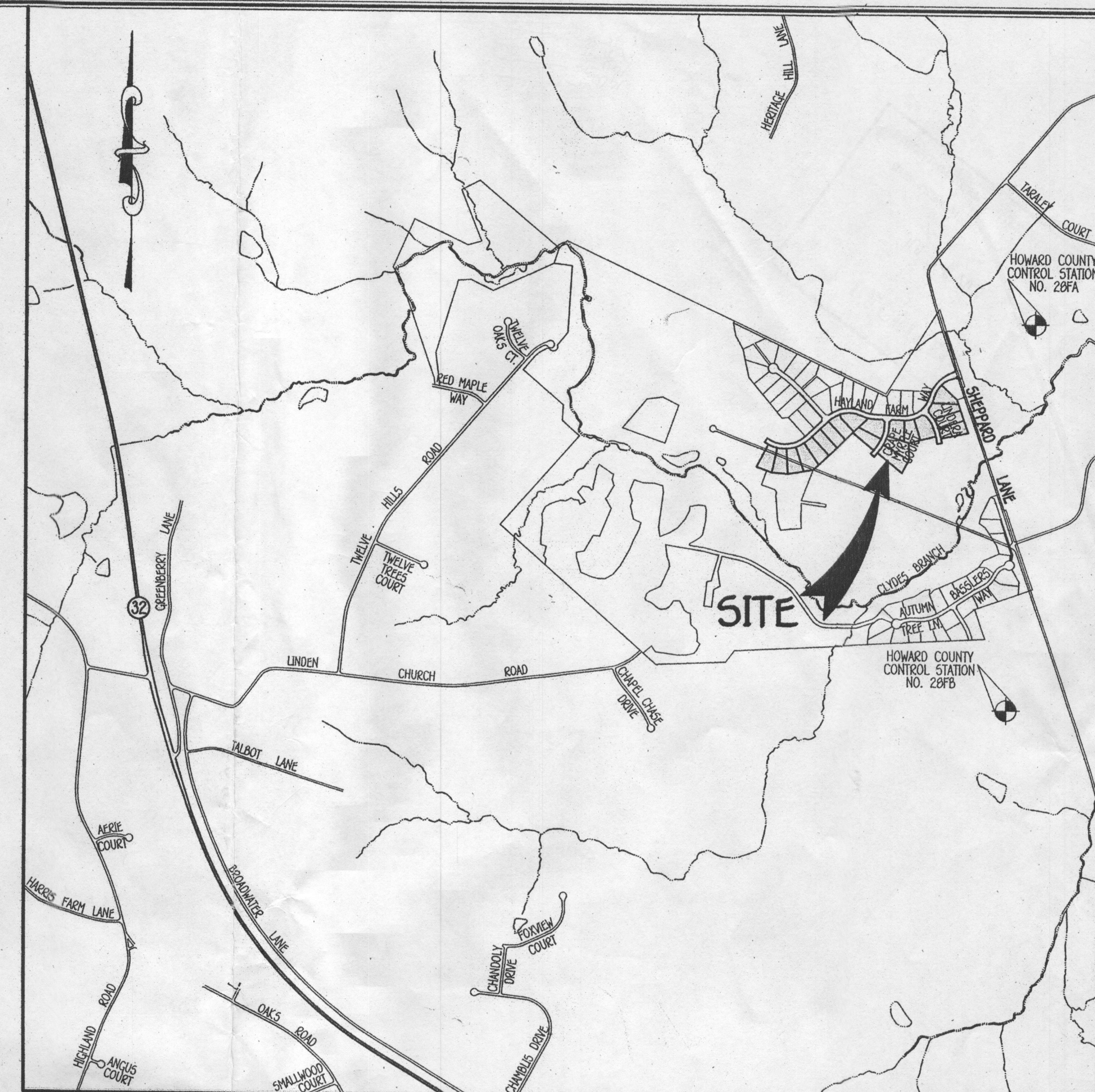
OWNER/DEVELOPER
 CRAFTSMAN HOMES
 1355 BEVERLY ROAD
 SUITE 330
 McLEAN, VIRGINIA 22101
 703-928-6935



SITE DEVELOPMENT AND SEDIMENT/EROSION CONTROL PLAN
WALNUT CREEK
 PHASE TWO
 LOTS 48 THRU 67
 ZONED: RC-DEO AND RC-DEO
 TAX MAP NO.: 28 GRID NO.: 17 & 18 PARCEL NO.: 49
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: APRIL 2013
 SHEET 5 OF 6

G.P. 13-062

SITE DEVELOPMENT AND SEDIMENT/EROSION CONTROL PLAN WALNUT CREEK PHASE TWO LOTS 48 THRU 67

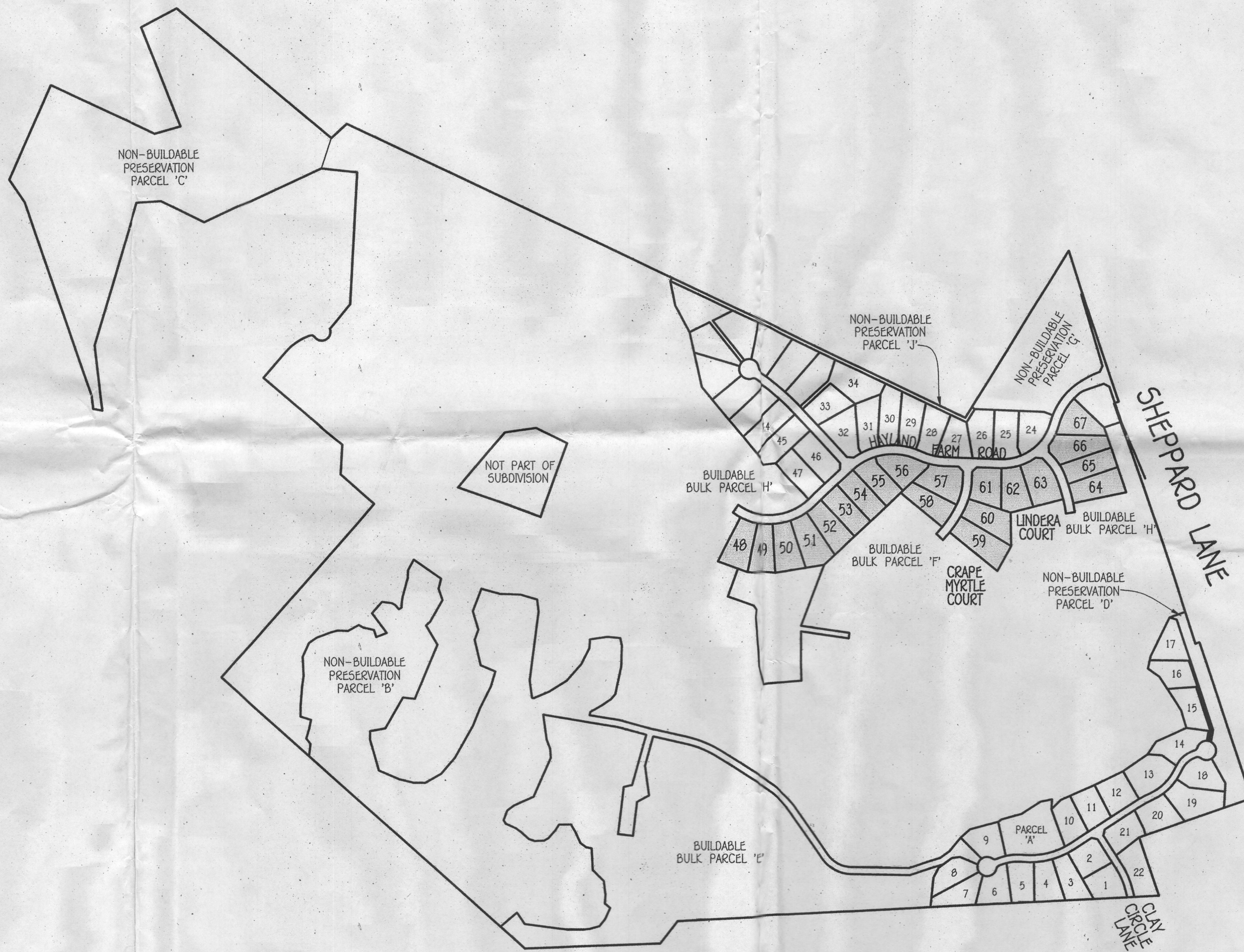


VICINITY MAP
SCALE: 1" = 1200'

ADC MAP No. 14, E2

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
48	12173 HAYLAND FARM WAY
49	12169 HAYLAND FARM WAY
50	12165 HAYLAND FARM WAY
51	12161 HAYLAND FARM WAY
52	12157 HAYLAND FARM WAY
53	12153 HAYLAND FARM WAY
54	12149 HAYLAND FARM WAY
55	12145 HAYLAND FARM WAY
56	12135 HAYLAND FARM WAY
57	5002 CRAPE MYRTLE COURT
58	5006 CRAPE MYRTLE COURT
59	5011 CRAPE MYRTLE COURT
60	5007 CRAPE MYRTLE COURT
61	5003 CRAPE MYRTLE COURT
62	12119 HAYLAND FARM WAY
63	12115 HAYLAND FARM WAY
64	5009 LINDERA COURT
65	5005 LINDERA COURT
66	5001 LINDERA COURT
67	12107 HAYLAND FARM WAY

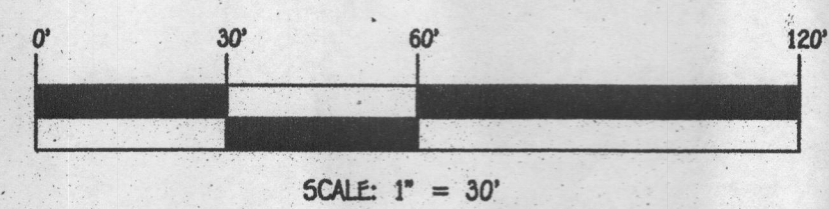
LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2" INTERVAL
---	PROPOSED CONTOUR 2" INTERVAL
+ 362.5	SPOT ELEVATION
SF - SF	SILT FENCE
SOF - SOF	SUPER SILT FENCE
---	WALKOUT BASEMENT
---	LIMITS OF DISTURBANCE
ECM	EROSION CONTROL MATTING
---	STONE CONSTRUCTION ENTRANCE



VICINITY MAP
SCALE: 1" = 200'

- GENERAL NOTES**
- SUBJECT PROPERTY ZONED: RC-DEO & RR-DEO
 - TOTAL AREA OF PROPERTY: 38.10 ACRES
 - SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT REVIEW.
 - LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
 - CONTRACTOR/BUILDER TO VERIFY ELEVATION IN THE FIELD BEFORE BEGINNING ANY CONSTRUCTION.
 - TOPOGRAPHIC CONTOURS BASED ON HARFORD AERIAL SURVEYS, INC.
 - STORMWATER MANAGEMENT IS PROVIDED PER F-07-076.

INDEX CHART	
SHEET	DESCRIPTION
SHEET 1	TITLE SHEET
SHEET 2	SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN
SHEET 3	SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN
SHEET 4	SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN
SHEET 5	SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN
SHEET 6	SEDIMENT/EROSION CONTROL NOTES & DETAILS



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OWNER/DEVELOPER
CRAFTMARK HOMES
1355 BEVERLY ROAD
SUITE 330
MCLEAN, VIRGINIA 22101
703-928-6535

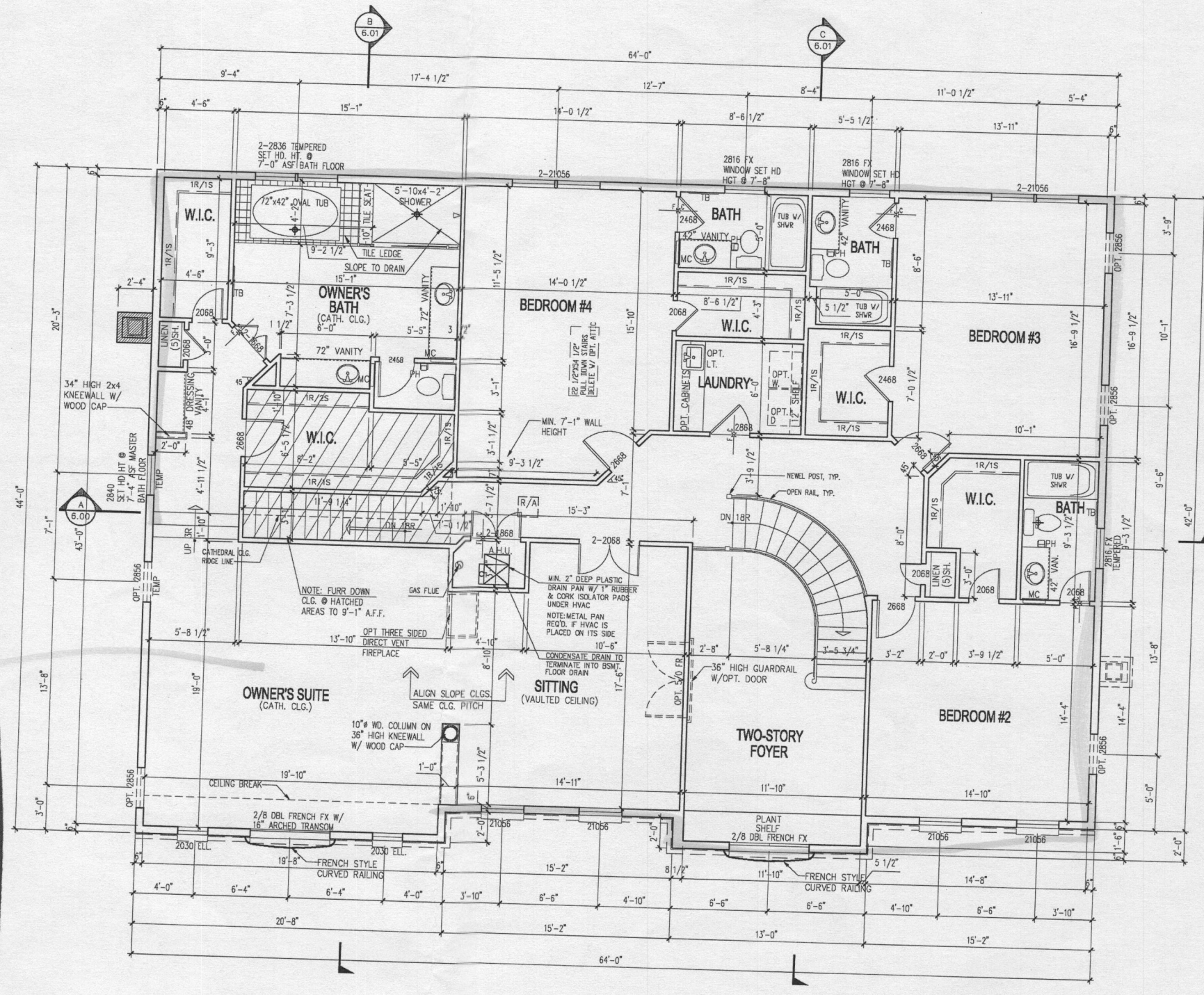
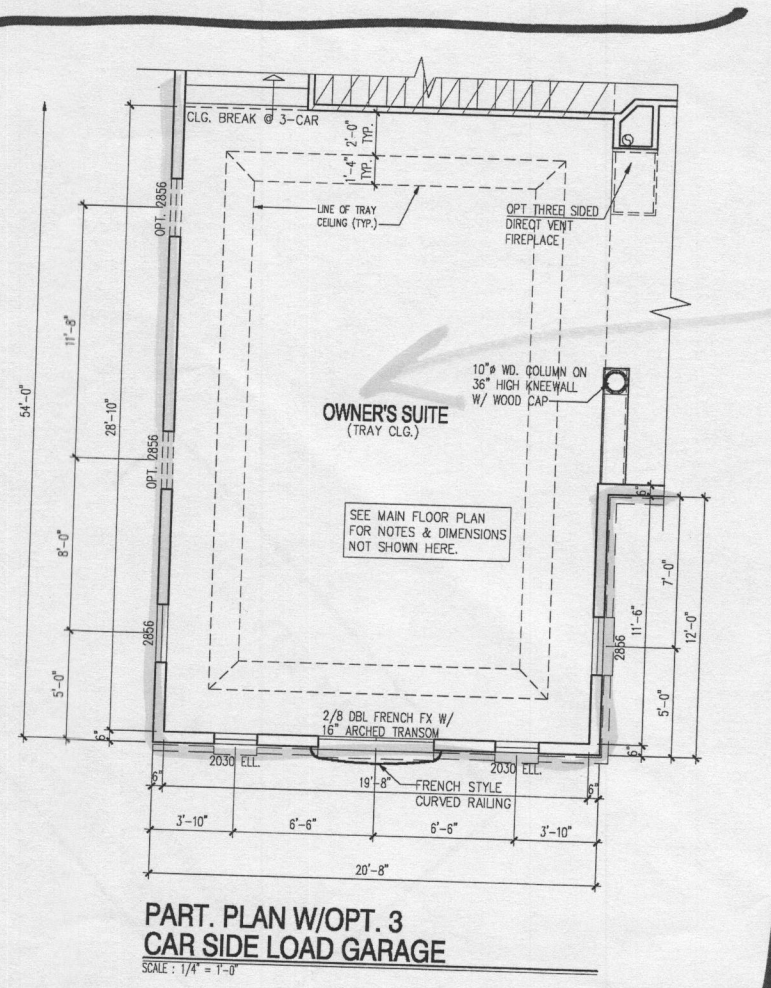
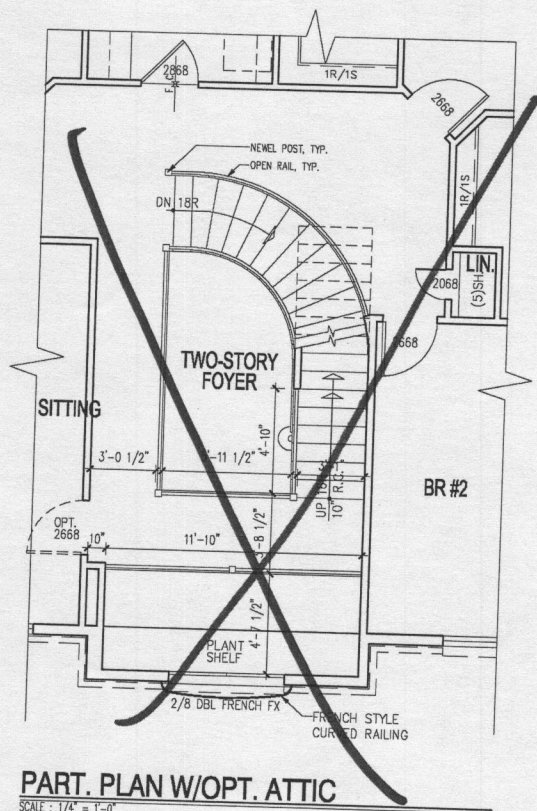
TITLE SHEET
WALNUT CREEK
PHASE TWO
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ZONED: RC-DEO AND RC-DEO
TAX MAP NO.: 28 GRID NO.: 17 & 18 PARCEL NO.: 49
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: APRIL 6, 2013
SHEET 1 OF 6

I:\2004\CAD001\Draws\Phase Two\Final\5\CH001-300T-5P-SHEET1 (CRAFTMARK) 4/29/2013 2:19:08 PM \\F\CC08\Walter 36

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
(410) 461-2895

NO.	REVISION	DATE



NOTE:
1) REFERENCE PARTIAL PLANS FOR WINDOW AND DOOR SIZES AND LOCATIONS.
2) REFERENCE TYPICAL WALL SECTION FOR ADDITIONAL INFORMATION.
3) UNLESS OTHERWISE NOTED WINDOW HEAD HEIGHT SHALL BE 7'-4" ABOVE SUBFLOOR.
4) UNLESS OTHERWISE NOTED ALL INTERIOR PARTITIONS SHALL BE 3-1/2"

NOTE:
WASHING MACHINE WILL ALWAYS BE ON THE LEFT, DRYER WILL ALWAYS BE ON THE RIGHT EVEN IN THE REVERSE PLAN.

NOTE:
WINDOWS WHERE THE OPERABLE OPENING IS LOCATED MORE THAN 72" ABOVE THE GRADE OR SURFACE BELOW SHALL HAVE THE LOWEST PART OF THE CLEAR OPENING A MINIMUM OF 24" (OR PER LOCAL CODE) ABOVE THE FINISHED FLOOR UNLESS EQUIPPED WITH AN APPROVED OPENING LIMITING OR FALL PREVENTION DEVICE.

NOTE:
1) EXHAUST FANS THAT VENT TO THE EXTERIOR WILL BE INSTALLED IN ALL BATHS WITHOUT WINDOWS.
2) PROVIDE @ LEAST 1 HANDRAIL FOR STAIRS HAVING 4 OR MORE RISERS.
3) GLASS DOORS, SIDE-LITES, & SHOWER ENCLOSURES TO BE SAFETY GLAZED.
4) SMOKE DETECTORS ON EACH FLOOR LEVEL.
5) ALL INTERIOR PARTITIONS 3 1/2" UNLESS NOTED OTHERWISE.

PINNACLE DESIGN & CONSULTING INC.
ARCHITECTURE • PLANNING • CONSULTING • MARKET ANALYSIS • BROCHURES
11150 Fairfax Blvd., Suite 400, Fairfax, Virginia 22030
Ph: 703.318.3400 • Fax: 703.318.3407 • Web Site: www.pdc-home.com

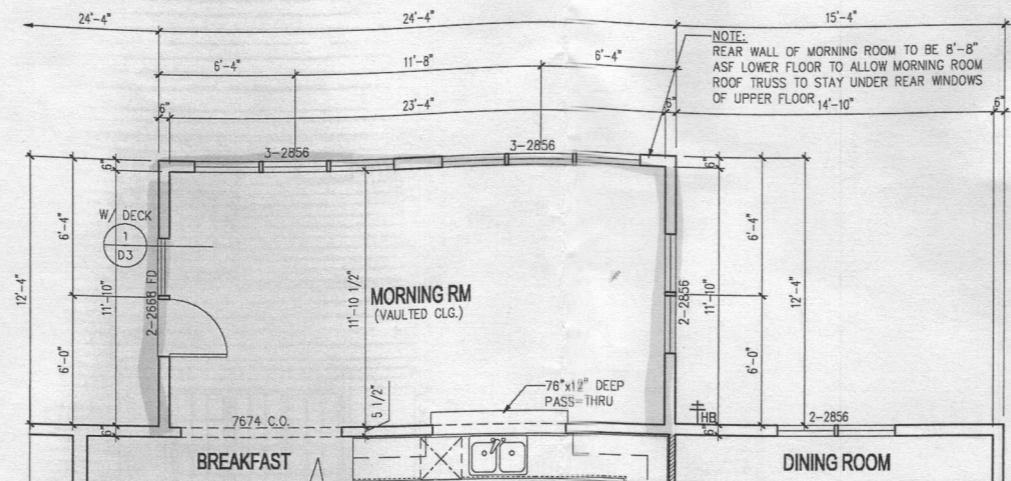
SECOND FLOOR PLAN
CLIENT INFORMATION:
CRAFTMARK HOMES / OAKMONT

DRWING BY:	WSP
REV. #1	08/01/2012
REV. #2	08/20/2012
ACR # 1001	

P20060301
SHEET NO.
3.01

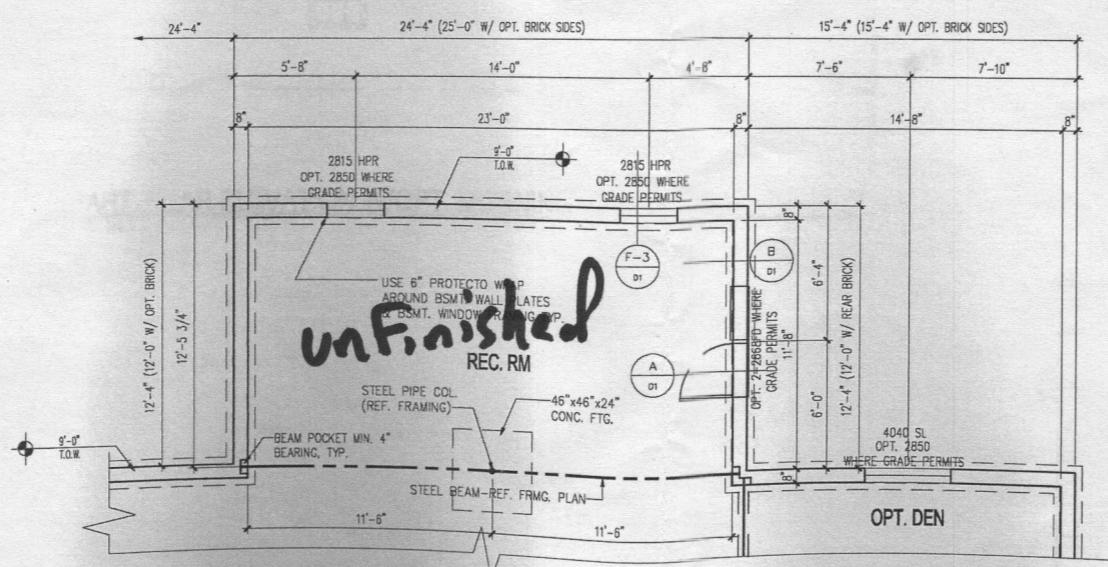
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NOTE:
 REAR WALL OF MORNING ROOM TO BE 8'-8" ASF LOWER FLOOR TO ALLOW MORNING ROOM ROOF TRUSS TO STAY UNDER REAR WINDOWS OF UPPER FLOOR 14'-10"

PART. FIRST FLOOR PLAN W/OPT. MORNING RM
 SCALE: 1/4" = 1'-0"



PART. FOUNDATION/BASEMENT PLAN W/OPT. MORNING RM
 SCALE: 1/4" = 1'-0"

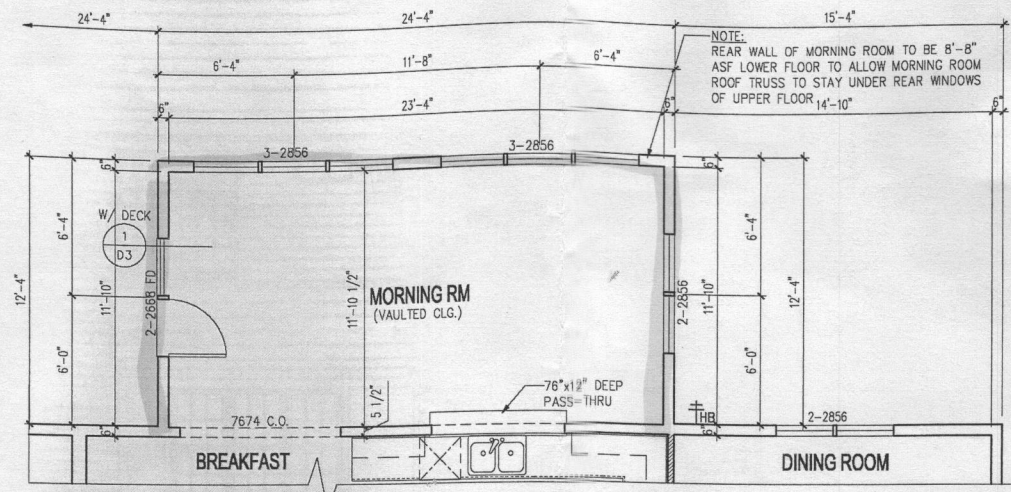
PART. FLOOR PLANS W/OPT. MORNING RM
 CLIENT INFORMATION:
CRAFTMARK HOMES / OAKMONT

REVISION:	WSP
10/01/2005	
REV. # 7	06/01/2012
ACR # 1001	06/20/2012
ACR # 1023	10/30/2013

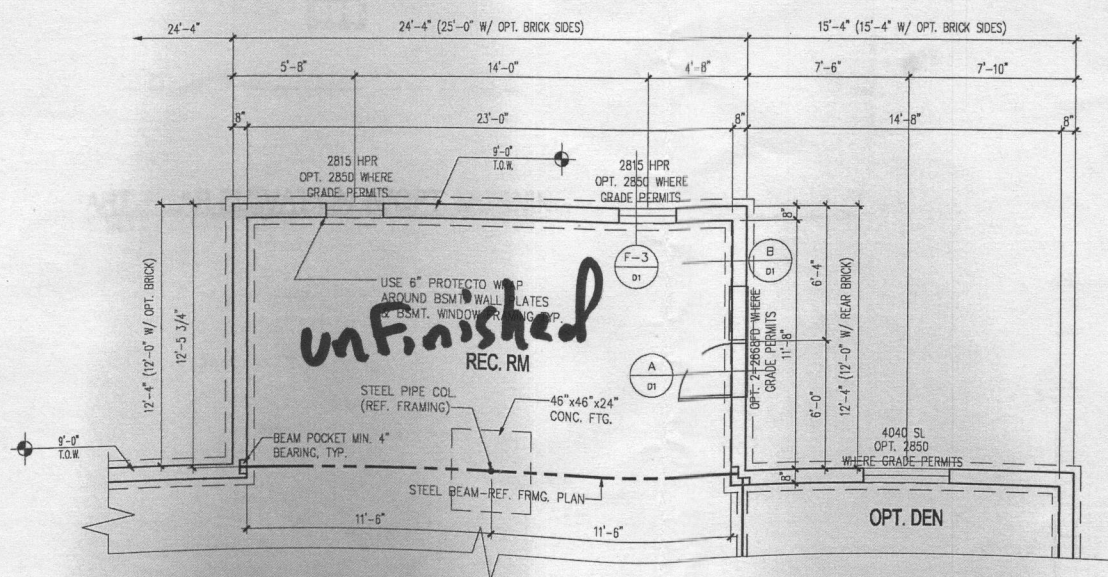
P20081310
 SHEET No.
13.10

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Pinnacle Design & Consulting Inc.
 ARCHITECTURE • PLANNING • CONSULTING • MARKET ANALYSIS • BROCHURES
 10000 Old Forest Road, Virginia Beach, VA 23060
 Ph: 703.218.3400 • Fax: 703.218.3407 • Web Site: www.pdc-inc.com

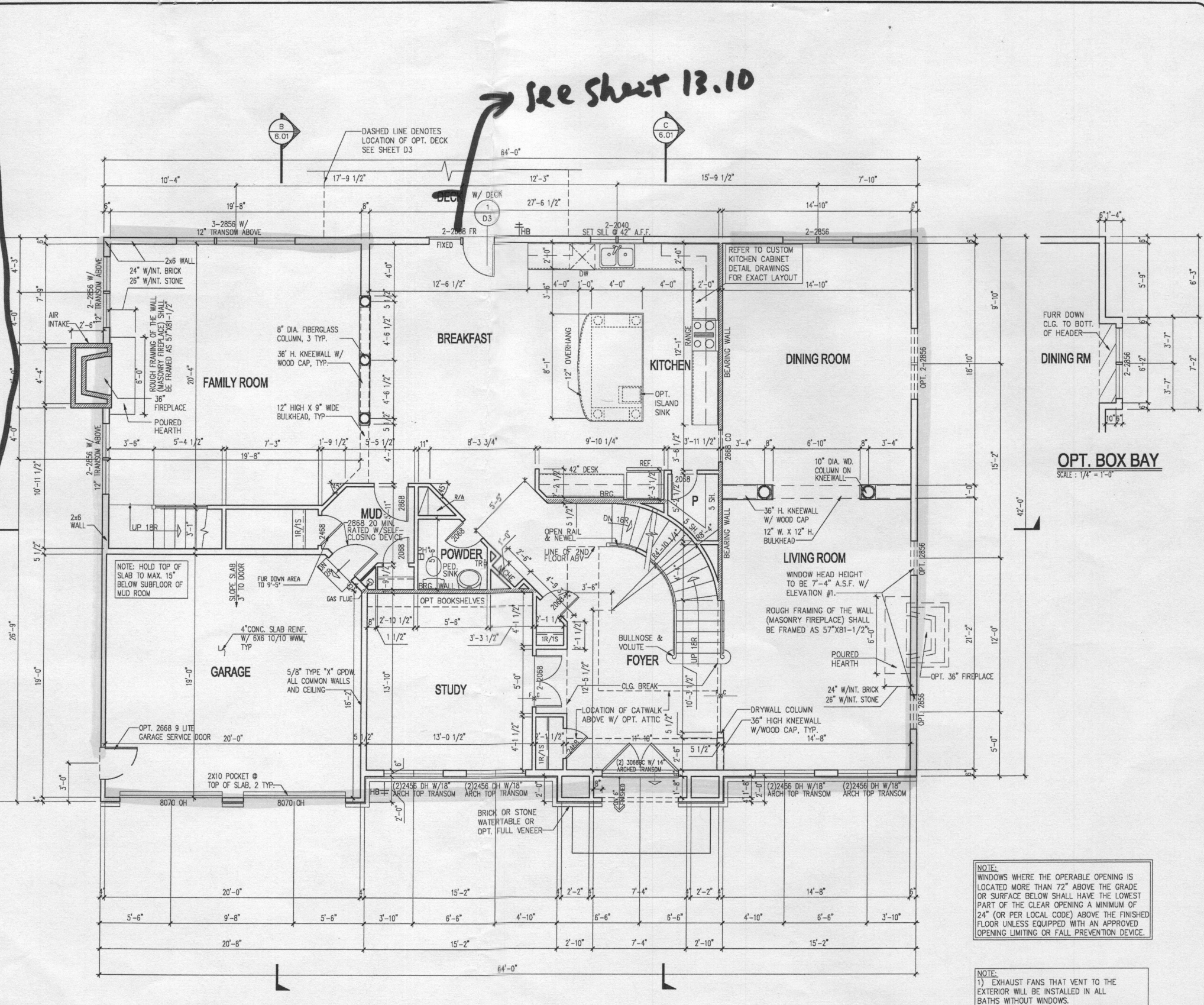
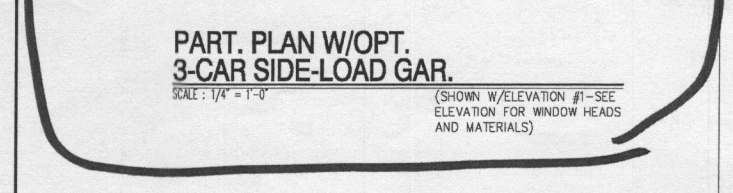
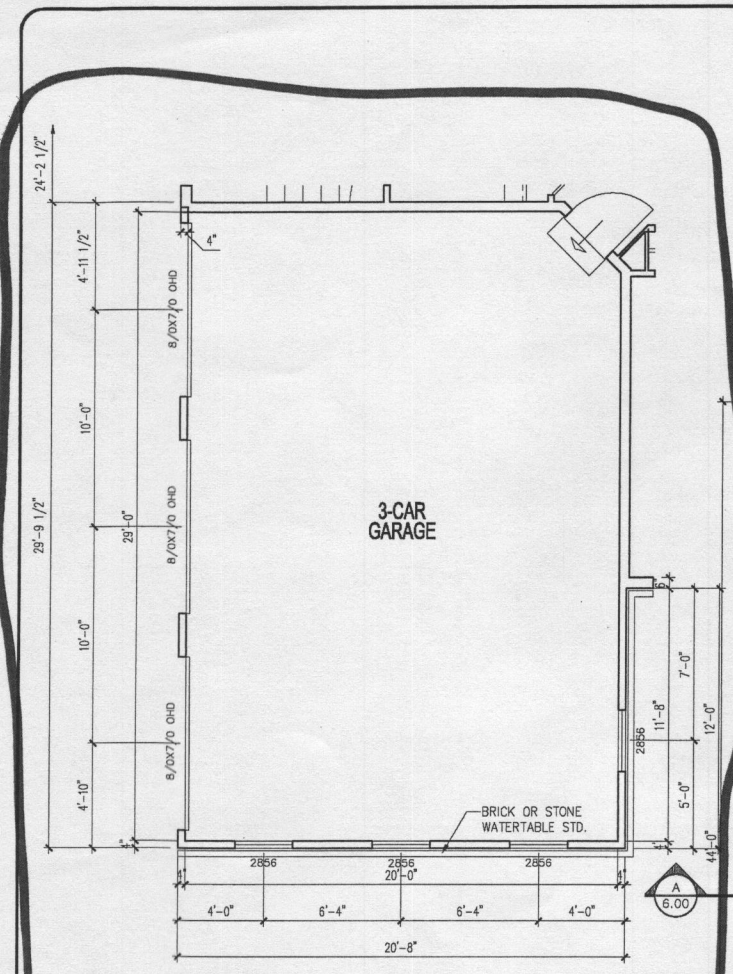
PART. FLOOR PLANS W/OPT. MORNING RM
CRAFTMARK HOMES / OAKMONT

DESIGNED BY: WSP
 10/01/2005

REV. #	DATE
REV. # 7	05/01/2012
ACR # 1001	06/20/2012
ACR # 1023	10/30/2013

P20081310
 SHEET No.
13-10

DRAWN BY: WSP	
DATE: 10/01/2005	
REV. #7	08/01/2012
ACR # 1001	08/22/2012



See sheet 13.10

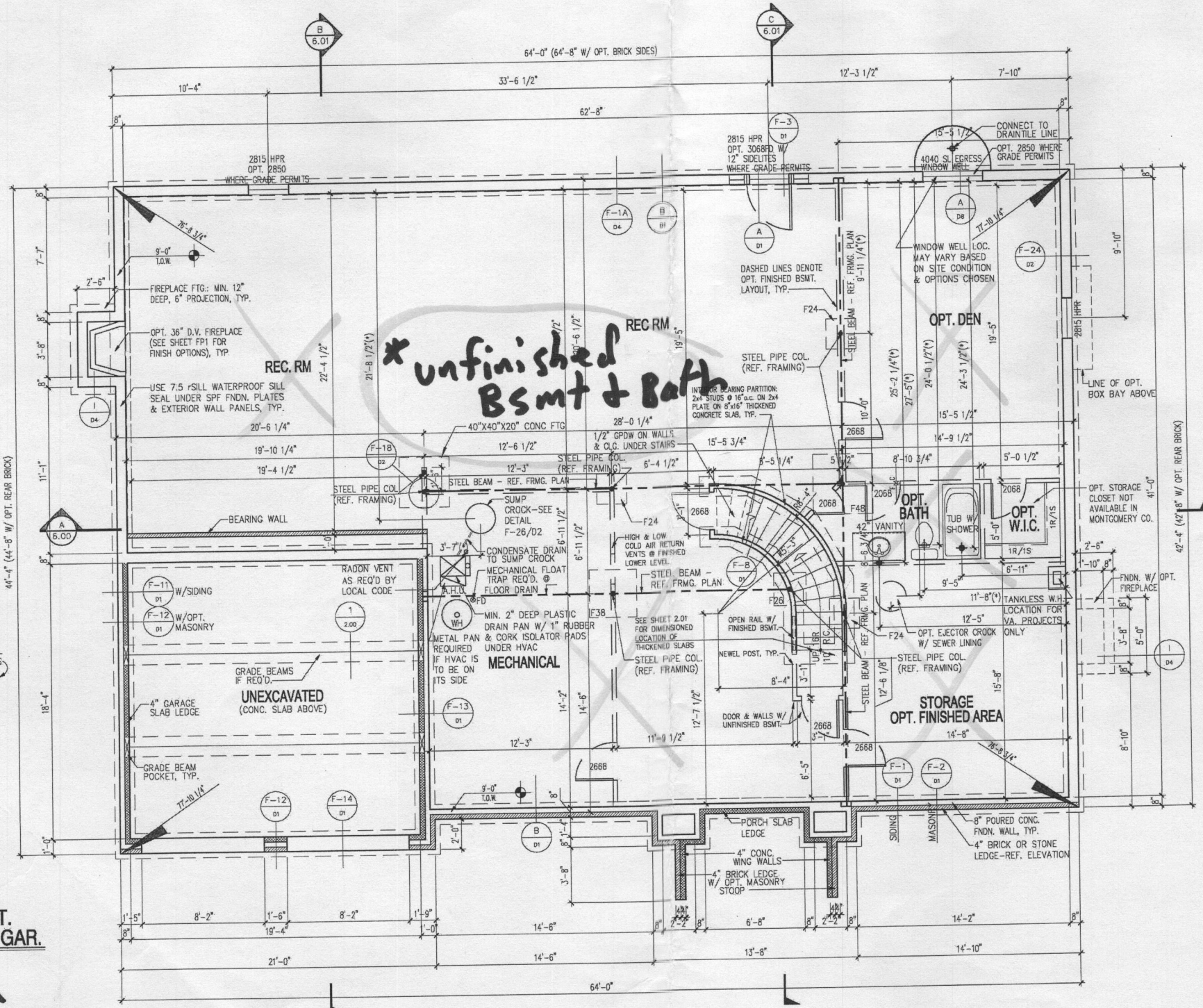
B14002415

* HEALTH DEPT. Req'd Floor plans

4 Bedrooms
4 1/2 Baths

PINNACLE DESIGN & CONSULTING INC.
ARCHITECTURE • PLANNING • CONSULTING • MARKET ANALYSIS • BROCKHURST
11150 Fairfax Blvd. • Suite 402 • Fairfax, Virginia 22030
Ph: 703.216.3400 • Fax 703.216.3407 • Web Site: www.pdc-homes.com

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3) GLASS DOORS, SIDE-LITES, & SHOWER ENCLOSURES TO BE SAFETY GLAZED.
4) SMOKE DETECTORS ON EACH FLOOR LEVEL.
5) OPTIONAL WINDOWS AVAILABLE ONLY WHERE GRADE PERMITS.
6) ALL INTERIOR PARTITIONS 3/4" UNLESS NOTED OTHERWISE.



CONCRETE COLUMN FOOTING SCHEDULE (f_c = 3,000 psi)

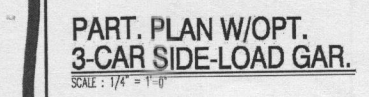
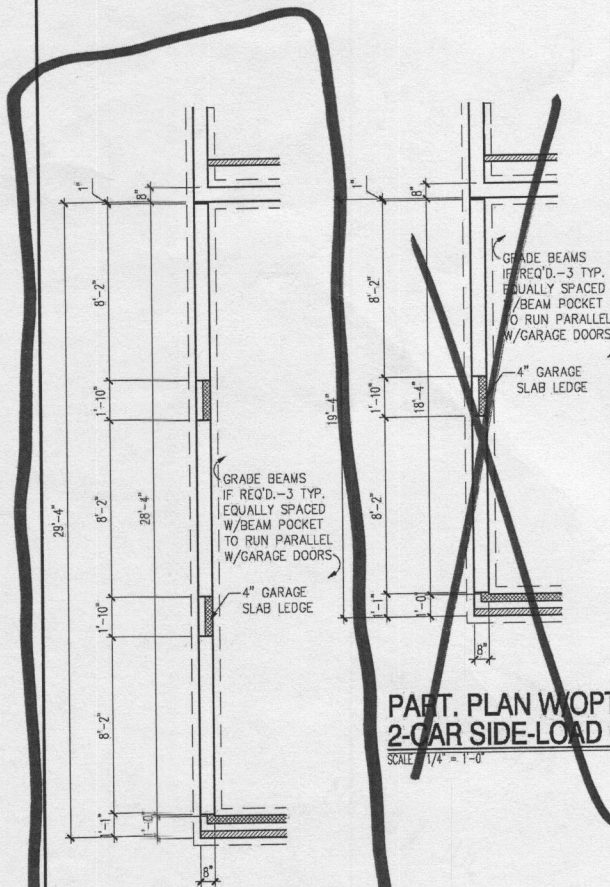
F24	=	24" x 24" x 12"
F26	=	26" x 26" x 12"
F28	=	28" x 28" x 12"
F30	=	30" x 30" x 12"
F32	=	32" x 32" x 12"
F34	=	34" x 34" x 12"
F36	=	36" x 36" x 12"
F38	=	38" x 38" x 12"
F40	=	40" x 40" x 12"
F42	=	42" x 42" x 12"
F44	=	44" x 44" x 12"
F46	=	46" x 46" x 12"
F48	=	48" x 48" x 14"
F50	=	50" x 50" x 14"
F52	=	52" x 52" x 14"
F54	=	54" x 54" x 14"
F56	=	56" x 56" x 14"
F58	=	58" x 58" x 14"
F60	=	60" x 60" x 14"
F62	=	62" x 62" x 14"
F64	=	64" x 64" x 14"
F66	=	66" x 66" x 14"
F68	=	68" x 68" x 14"
F70	=	70" x 70" x 14"
F72	=	72" x 72" x 14"

NOTE: MAXIMUM ALLOWABLE SOIL BEARING PRESSURE = 1,500 PSF

REINFORCE FOOTINGS F38 & WIDER W/ #5 BARS @ 12" OC. EACH WAY, 3" CLEAR FROM BOTTOM OF FOOTING

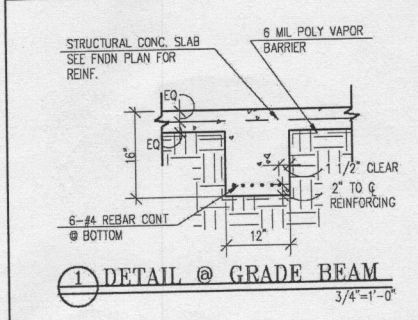
ADJUSTABLE STEEL COLUMNS:
P311 = 3" @ 11ga
P3511 = 3.5" @ 11ga
P411 = 4" @ 11ga

SCHEDULE 40 PIPE COLUMNS:
P340 = 3" @ S40 PIPE COL
P3540 = 3.5" @ S40 PIPE COL
P440 = 4" @ S40 PIPE COL
P540 = 5" @ S40 PIPE COL
P640 = 6" @ S40 PIPE COL



FOUNDATION / BASEMENT PLAN
SCALE: 1/4" = 1'-0"
NOTE:
1) REFERENCE PARTIAL PLANS FOR WINDOW AND DOOR SIZES AND LOCATIONS.
2) REFERENCE TYPICAL WALL SECTION FOR ADDITIONAL INFORMATION.
3) PROVIDE 4" DIA. PERIMETER DRAIN TILE AROUND THE EXTERIOR FOOTING AND A 4" DIA. DIAGONAL DRAIN TILE FROM THE SUMP CROCK TO THE OPPOSITE FOUNDATION WALL. SLEEVE FOOTING AS REQUIRED.

NOTE:
(*) - REFERENCE B/ D/1



SHEET TITLE: **FOUNDATION / BASEMENT PLAN**
CLIENT INFORMATION: **CRAFTMARK HOMES / OAKMONT**

DRAWN BY: WSP

10/01/2005	DATE
REV. #7	08/01/2012
ACR # 1001	08/20/2012
ACR # 1023	10/30/2013

2.00

**HOWARD SOIL CONSERVATION DISTRICT
STANDARD SEDIMENT CONTROL NOTES**

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (ACTS 3-11-1995).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THEREOF.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 3 CALENDAR DAYS FOR ALL PERMETER SEDIMENT CONTROL STRUCTURES, DICES, PERMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, b) 7 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE. IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 8-4-5), TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SEE ANALYSIS:

TOTAL AREA OF SITE	15,826 ACRES
AREA TO BE DISTURBED	5,776 ACRES
AREA TO BE GRADED OR PAVED	2,718 ACRES
AREA TO BE VEGETATIVELY STABILIZED	3,058 ACRES
TOTAL CUT	9,110 CU.YDS.
TOTAL FILL	12,500 CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION	N/A
- ANY SEDIMENT CONTROL PRACTICE THAT IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED BY THE END OF EACH WORKDAY, WHICHEVER IS SHORTER.
- ANY CHANGES OR REVISIONS TO THE SEQUENCE OF CONSTRUCTION MUST BE REVIEWED AND APPROVED BY THE PLAN APPROVAL AUTHORITY PRIOR TO PROCEEDING WITH CONSTRUCTION.
- A PROJECT IS TO BE SEQUENCED SO THAT GRADING ACTIVITIES BEGIN ON ONE GRADING UNIT (MAXIMUM ACREAGE OF 20 ACRES PER GRADING UNIT) AT A TIME. WORK MAY PROCEED TO A SUBSEQUENT GRADING UNIT WHEN AT LEAST 50 PERCENT OF THE DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND APPROVED BY THE ENFORCEMENT AUTHORITY, UNLESS OTHERWISE SPECIFIED AND APPROVED BY THE APPROVAL AUTHORITY. NO MORE THAN 30 ACRES CUMULATIVELY MAY BE DISTURBED AT A GIVEN TIME.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDING PREPARATION:
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL ADJUSTMENTS:
APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1,000 SQ.FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL AT TIME OF SEEDING. APPLY 400 LBS. PER ACRE 30-0-0 UNIFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 900 LBS. PER ACRE (11.5 LBS./1,000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING:
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEPING LONGGRASS. DURING THE PERIOD OF COLORED ICE THROUGH FEBRUARY 28, PROJECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE 500:50 OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDING.

MULCHING:
APPLY 1 TO 2 TONS PER ACRE (10 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF CRUSHED ASPHALT ON FLAT AREAS ON SLOPES 8 FEET OR HIGHER USE 340 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

MAINTENANCE:
INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.
FOR PUBLIC FIELDS SUBSTITUTE CHEPPING CROWNWEED AT 12 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

DUST CONTROL

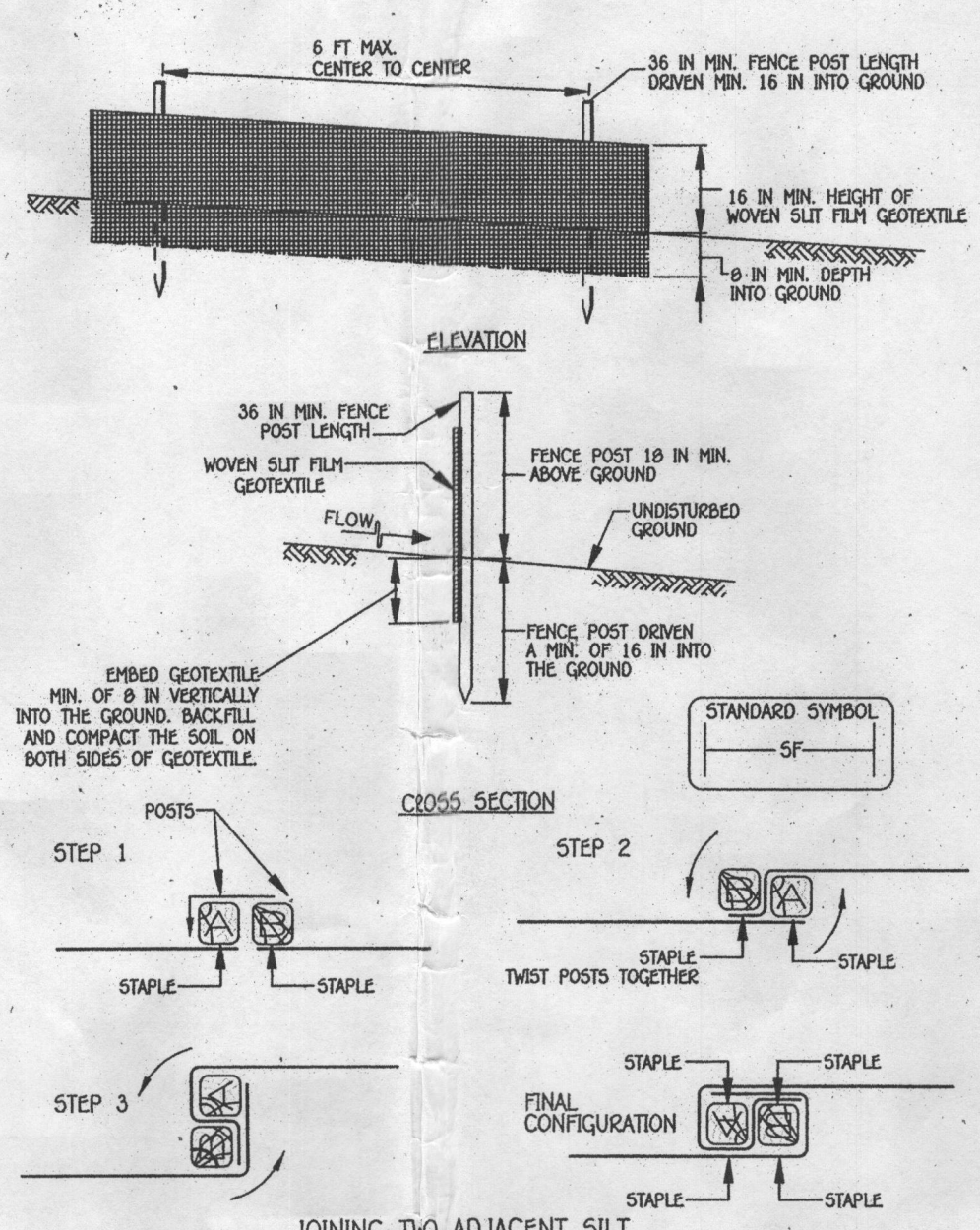
DEFINITION:
CONTROLLING DUST BLOWING AND MOVEMENT ON CONSTRUCTION SITES AND ROADS.

PURPOSE:
TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES, REDUCE ON AND OFF-SITE DAMAGE, HEALTH HAZARDS AND IMPROVE TRAFFIC SAFETY.

CONDITIONS WHERE PRACTICE APPLIES:
THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO DUST BLOWING AND MOVEMENT WHERE ON AND OFF-SITE DAMAGE IS LIKELY WITHOUT TREATMENT.

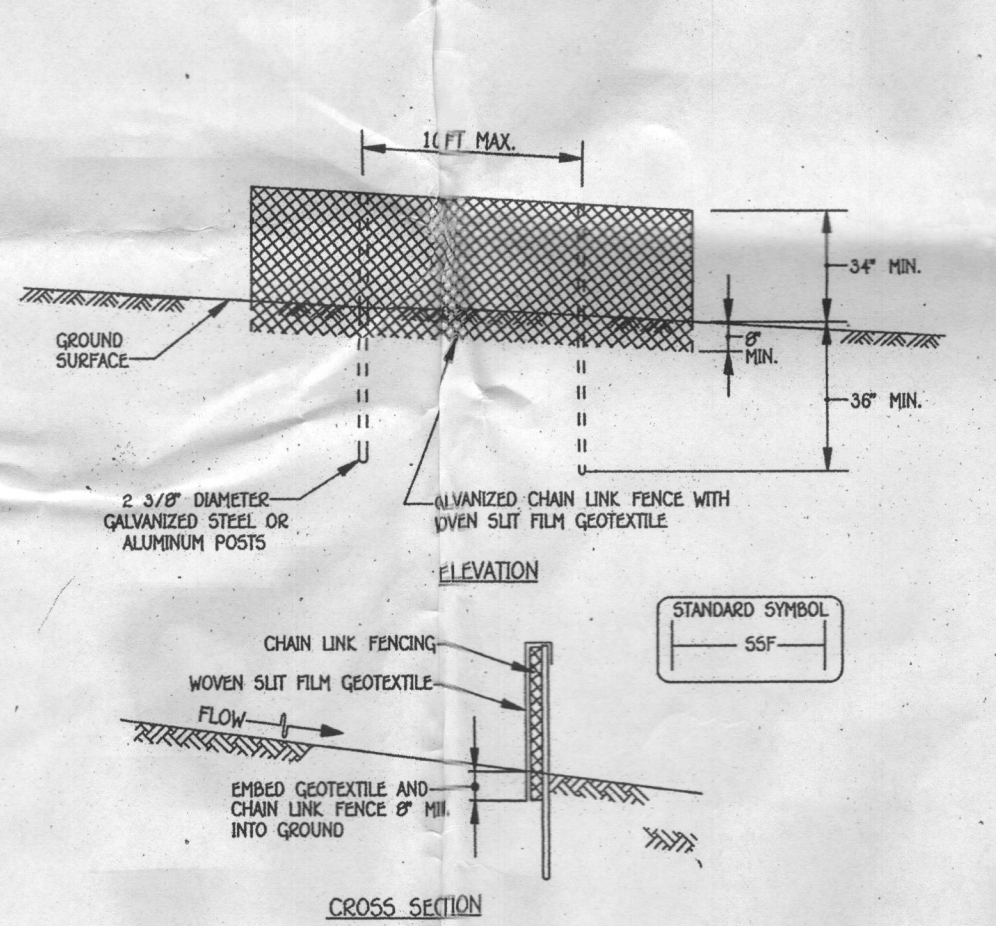
SPECIFICATIONS:

- TEMPORARY METHODS**
- MULCHES - SEE STANDARDS FOR VEGETATIVE STABILIZATION WITH MULCHES ONLY. MULCH SHOULD BE CRIMPED OR TACKED TO PREVENT BLOWING.
 - VEGETATIVE COVER - SEE STANDARDS FOR TEMPORARY VEGETATIVE COVER.
 - TILLAGE - TO ROUGHEN SURFACE AND BRING CLOSD TO THE SURFACE. THIS IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF THE SITE. CHESEL-TYPE PLOWS SPACING ABOUT 12" APART, SPRING-TOOTHED HARROWS AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.
 - IRRIGATION - THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS MOIST. REPEAT AS NEEDED. AT NO TIME SHOULD THE SITE BE IRRIGATED TO THE POINT THAT RUNOFF BEGINS TO FLOW.
 - BARRIERS - SOLID BOARD FENCES, SILT FENCES, SNOW FENCES, BURLAP FENCES, STRAW BALE DICES AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 10 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING SOIL BLOWING.
 - CALCIUM CHLORIDE - APPLY AT RATES THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT.
- PERMANENT METHODS**
- PERMANENT VEGETATION - SEE STANDARDS FOR PERMANENT VEGETATIVE COVER AND PERMANENT STABILIZATION WITH SOIL, EXISTING TREES OR LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.
 - TOPSOILING - COVERING WITH LESS EROSION SOIL MATERIALS. SEE STANDARDS FOR TOPSOILING.
 - STONE - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.



- JOINING TWO ADJACENT SILT FENCE SECTIONS (TOP VIEW)**
- CONSTRUCTION SPECIFICATIONS**
- USE WOOD POSTS 1 3/4" x 1 3/4" x 1 1/2" (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD, AS AN ALTERNATIVE TO WOODEN POST USE STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT.
 - USE 36 INCH MINIMUM POSTS GIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APART.
 - USE WOVEN SILT FILTER GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS AND FASTEN GEOTEXTILE SECURELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION.
 - PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
 - EMBED GEOTEXTILE A MINIMUM OF 6 INCHES VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FENCE.
 - WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN, OVERLAP, TWIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL.
 - EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.
 - REMOVE ACCUMULATED SEDIMENT AND DEBRIS WITH BRUSHES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

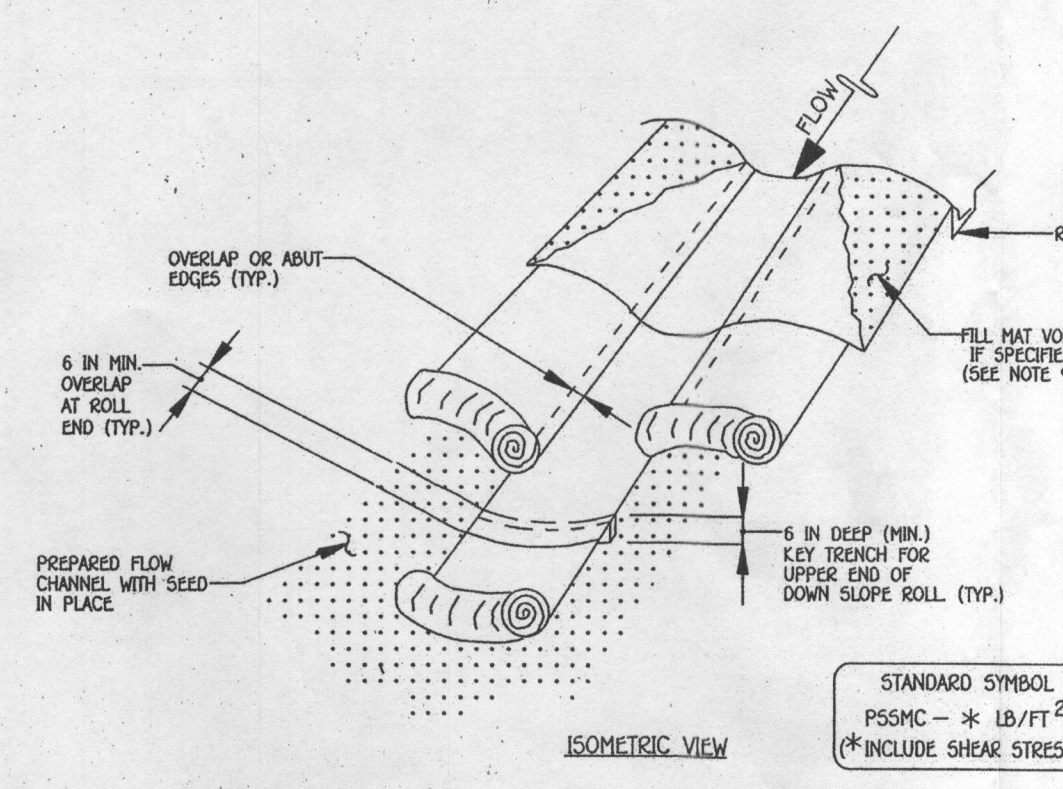
SILT FENCE



- CONSTRUCTION SPECIFICATIONS**
- INSTALL 3/4" DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 16 FEET APART. DRIVE THE POSTS A MINIMUM OF 36" INTO THE GROUND.
 - FASTEN 3/4" GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2 3/4" MAXIMUM OPENING) 42" IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS.
 - FASTEN WOVEN SILT FILTER GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF CHAIN LINK FENCE WITH TIES SPACED EVERY 24" AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 6" INTO THE GROUND.
 - WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6", FOLDED AND STAPLED TO PREVENT SEDIMENT BY PASS.
 - EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
 - PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
 - REMOVE ACCUMULATED SEDIMENT AND DEBRIS WITH BRUSHES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

SUPER SILT FENCE

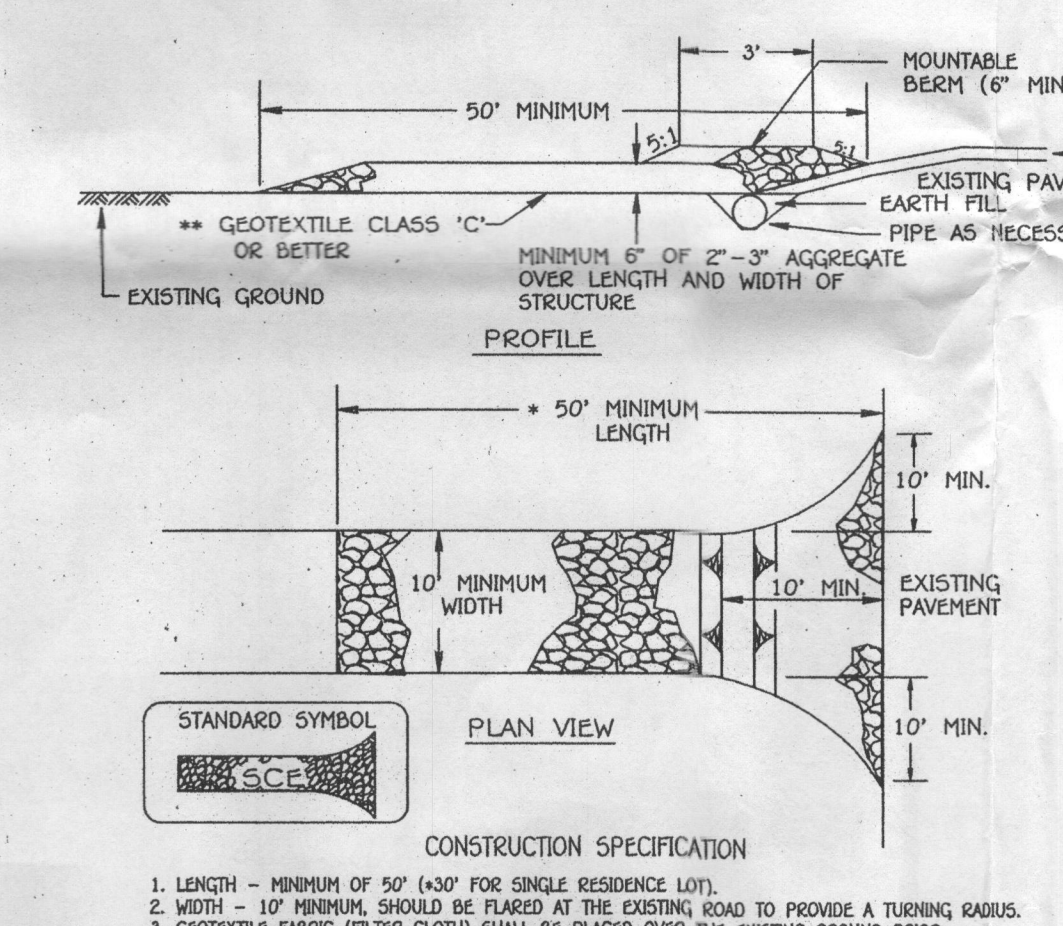
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- CONSTRUCTION SPECIFICATIONS**
- USE MATTING THAT HAS A DESIGN VALUE FOR SHEAR STRESS EQUAL TO OR HIGHER THAN THE SHEAR STRESS DISAGREED ON APPROVED PLANS.
 - USE PERMANENT SOIL STABILIZATION MATTING MADE OF OPEN WEAVE SYNTHETIC, NON-Biodegradable FIBRES OR ELEMENTS OF UNIFORM THICKNESS AND DISTRIBUTION THROUGHOUT. CHEMICALS USED IN THE MAT MUST BE NON-LEACHING AND NON-TOXIC TO VEGETATION AND SOIL ORGANISMS AND NON-HAZARDOUS TO THE SKIN. IF PRESENT, NETTING MUST BE EXTENDED PLASTIC WITH A MINIMUM MESH OPENING OF 2"x2" AND SUFFICIENTLY BONDED OR SEWN ON 2" CENTERS ALONG LONGITUDINAL AXIS OF THE MATERIAL TO PREVENT SEPARATION OF THE NET FROM THE FIBER MATERIAL.
 - SECURE MATTING USING STEEL STAPLES OR WOOD STAPLES. STAPLES MUST BE "U" OR "T" SHAPED STEEL WIRE HAVING A MINIMUM GAUGE OF NO. 11 AND NO. 9 RESPECTIVELY. "U" SHAPED STAPLES MUST AVERAGE 1" TO 1 1/2" WIDE AND BE A MINIMUM OF 6" LONG. "T" SHAPED STAPLES MUST HAVE A MINIMUM OF 1/2" WIDE, A MINIMUM 1" SECONDARY LEG, AND MINIMUM 4" HEAD. WOOD STAPLES MUST BE ROUGH-SAWN HARDWOOD, 1 1/2" TO 2 1/2" LENGTH 1" x 3" CROSS SECTION, AND WEDGE SHAPE AT THE BOTTOM.
 - PERFORM FINAL GRADING, TOPSOIL APPLICATION, SEEDING PREPARATION, AND PERMANENT SEEDING IN ACCORDANCE WITH SPECIFICATIONS. PLACE MATTING WITHIN 48 HOURS OF COMPLETING SEEDING OPERATIONS, UNLESS END OF WORKDAY STABILIZATION IS SPECIFIED ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
 - UNROLL MATTING IN DIRECTION OF WATER FLOW, CONTROLLING THE FIRST ROLL ON THE CHANNEL CENTER LINE. WORK FROM CENTER OF CHANNEL OUTWARD WHEN PLACING ROLLS. LAY MATTING SHOOTLINE AND FRONT UPON THE SEEDED SURFACE. AVOID STRETCHING THE MATTING.
 - OVERLAP OR ABUT EDGES OF MATTING ROLLS PER MANUFACTURER'S RECOMMENDATIONS. OVERLAP ROLL ENDS BY 6" (MINIMUM), WITH THE UPSLOPE MAT OVERLAPPING ON TOP OF THE NEXT DOWNSTREAM MAT.
 - KEY IN THE TOP OF SLOPE END OF MAT 6 INCHES (MINIMUM) BY DIGGING A TRENCH, PLACING THE MATTING ROLL END IN THE TRENCH, SPREADING THE MAT IN PLACE, REPLACING THE EXCAVATED MATERIAL, AND TAMPING TO SECURE THE MAT END IN THE KEY.
 - STAPLE/STAKE MAT IN A STAGGERED PATTERN ON 4 FOOT (MINIMUM) CENTERS THROUGHOUT AND 2 FOOT (MINIMUM) CENTERS ALONG SEAMS, JOINTS, AND ROLL ENDS.
 - IF SPECIFIED BY THE DESIGNER OR MANUFACTURER AND DEPENDENT ON THE TYPE OF MAT BEING INSTALLED, ONCE THE MATTING IS LAYED AND STAPLED IN PLACE, FILL THE MAT VOIDS WITH TOP SOIL OR GRANULAR MATERIAL, AND LIGHTLY COMPACT OR ROLL TO MAINTAIN SOIL/HAT CONTACT WITHOUT CRUSHING MAT.
 - ESTABLISH AND MAINTAIN VEGETATION SO THAT EQUIVALENT FOR ACCURATE VEGETATIVE ESTABLISHMENT ARE CONTINUOUSLY MET IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION.

PERMANENT SOIL STABILIZATION MATTING CHANNEL APPLICATION

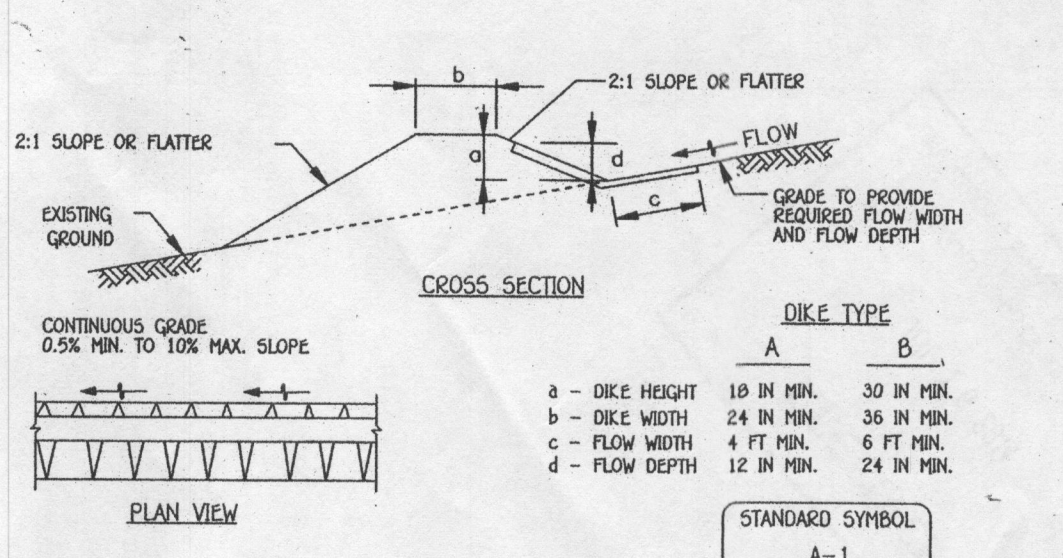
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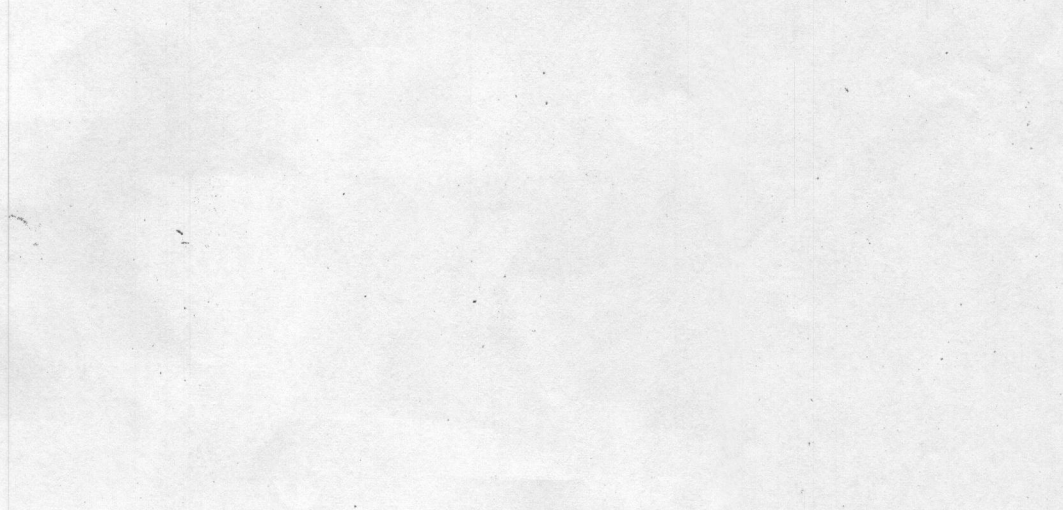
- CONSTRUCTION SPECIFICATION**
- LENGTH - MINIMUM OF 50' (50' FOR SINGLE RESIDENCE LOT).
 - WIDTH - 10' MINIMUM SHOULD BE PLACED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
 - GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE. THE PLAN APPROVAL AUTHORITY MAY NOT REQUIRE SINGLE FAMILY RESIDENCES TO USE GEOTEXTILE.
 - STONE - CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE. EQUIPMENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE.
 - SURFACE WATER - ALL SURFACE WATER FLOWING TO BE DIRECTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 6" OF STONE OVER THE PIPE. PIPE HAS TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE SZE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE WILL BE NECESSARY. PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED. A 6" MINIMUM WILL BE REQUIRED.
 - LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE.

STABILIZED CONSTRUCTION ENTRANCE

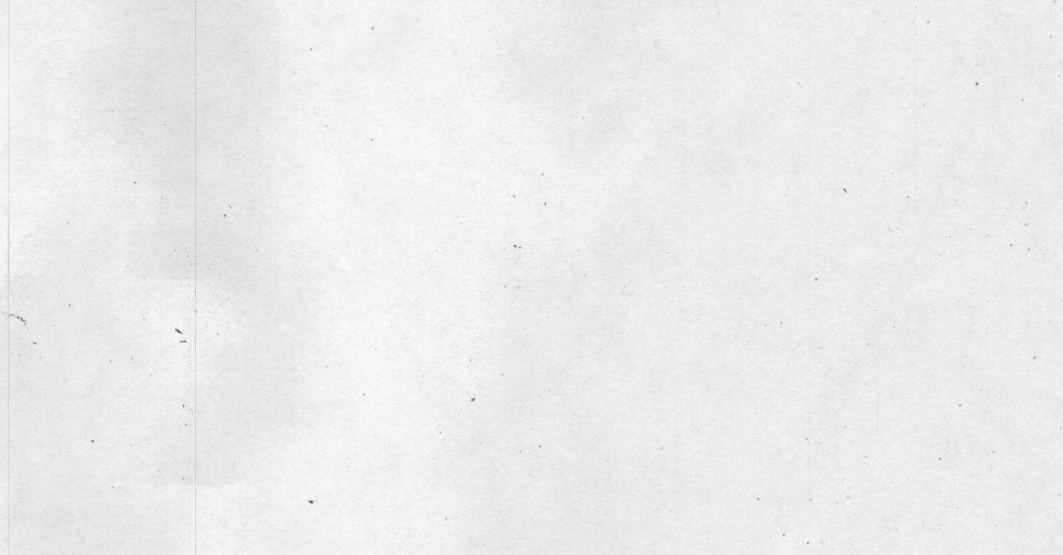
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- CONSTRUCTION SPECIFICATIONS**
- REMOVE AND DISPOSE OF ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL, SO AS NOT TO INTERFERE WITH PROPER FUNCTION OF EARTHDIKE.
 - EXCAVATE OR SHAPE EARTH DIKE TO LINE, GRADE, AND CROSS SECTION AS SPECIFIED. BANK PROJECTIONS OR OTHER IRREGULARITIES ARE NOT ALLOWED.
 - COMPACT FILL.
 - CONSTRUCT FLOW CHANNEL ON AN UNDISTURBED, CONTINUOUS GRADE, ADJUSTING THE LOCATION DUE TO FIELD CONDITIONS AS NECESSARY TO MAINTAIN POSITIVE DRAINAGE.
 - PROVIDE OUTLET PROTECTION AS REQUIRED ON APPROVED PLAN.
 - STABILIZE EARTH DIKE WITHIN THREE DAYS OF INSTALLATION. STABILIZE FLOW CHANNEL FOR CLEAR WATER DIVERSION WITHIN 24 HOURS OF INSTALLATION.
 - MAINTAIN LINE, GRADE, AND CROSS SECTION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS, AND MAINTAIN POSITIVE DRAINAGE. KEEP EARTH DIKE AND POINT OF DISCHARGE FREE OF EROSION, AND CONTINUOUSLY MEET REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION.
 - UPON REMOVAL OF EARTH DIKE, GRADE AREA FLUSH WITH EXISTING GROUND. WITHIN 24 HOURS OF REMOVAL, STABILIZE DISTURBED AREA WITH TOPSOIL, SEED, AND MULCH, OR AS SPECIFIED ON APPROVED PLAN.
- EARTH DIKE**
NOT TO SCALE

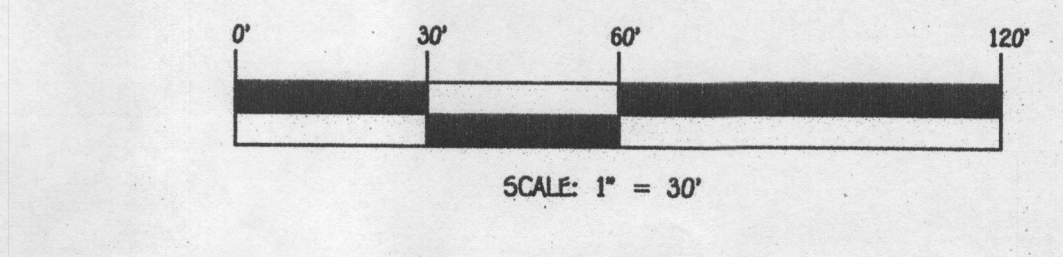


- CONSTRUCTION SPECIFICATIONS**
- USE WOOD POSTS 1 3/4" x 1 3/4" x 1 1/2" (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD, AS AN ALTERNATIVE TO WOODEN POST USE STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT.
 - USE 36 INCH MINIMUM POSTS GIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APART.
 - USE WOVEN SILT FILTER GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS AND FASTEN GEOTEXTILE SECURELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION.
 - PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
 - EMBED GEOTEXTILE A MINIMUM OF 6 INCHES VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FENCE.
 - WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN, OVERLAP, TWIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL.
 - EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.
 - REMOVE ACCUMULATED SEDIMENT AND DEBRIS WITH BRUSHES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.



STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



**SITE DEVELOPMENT AND
SEDIMENT/EROSION CONTROL DETAILS & NOTES
WALNUT CREEK
PHASE TWO
LOTS 48 THRU 67**

ZONED: RC-DEO AND RC-DEO
TAX MAP NO. 28 GRID NO. 17 & 18 PARCEL NO. 49
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: APRIL 2013
SHEET 6 OF 6

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND 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 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: *John R. Blanton* DATE: 5/13/13
Signature: *David Pastva* DATE: 4/30/13

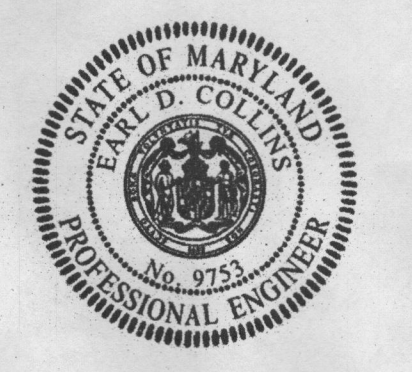
ENGINEER'S CERTIFICATE

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

Signature: *Earl D. Collins* DATE: 4/30/13

OWNER/DEVELOPER

CRAFTMARK HOMES
1355 BEVERLY ROAD
SUITE 330
MCLEAN, VIRGINIA 22101
703-928-6535



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

Signature: *John R. Blanton* DATE: 5/13/13
Signature: *David Pastva* DATE: 4/30/13

NO.	REVISION	DATE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL FREE
ELECTRIC CITY, MARYLAND 21042
(410) 681-5995

I:\2004\04001\Phase Two\5:04001-3007 SEC NOTES & DETAILS SHEET 10 (CERTIFIED) 4/29/2013 2:20:42 PM \\VICTOR\Walter