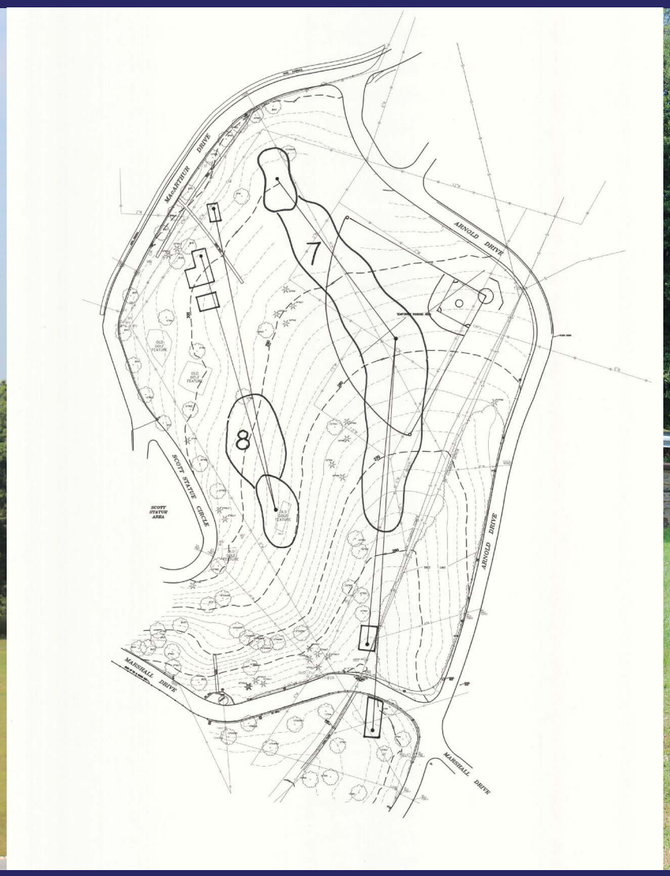
Armed Forces Retirement Home - Washington

Golf Hole Relocation and Ball Field Restoration

Final Review Submission



Submitted By: Armed Forces Retirement Home

Submitted To: National Capital Planning Commission

2 October 2014

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ARMED FORCES RETIREMENT HOME

WASHINGTON, DC

TWO NEW GOLF HOLES AND SOFT BALL FIELD

MEADOW RESTORATION

MARCH 2013

SHEET INDEX

CS-1	COVER SHEET
C-1	SURVEY (EXISTING)
L-1	OVERVIEW PLAN
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L-3	GRADING PLAN
L-4	GREEN PLANS
L-5	CONSTRUCTION DETAILS
L-6	SOFTBALL FIELD DETAILS

SPECIFICATIONS UNDER SEPARATE COVER

A.W. Clark & Associates, Ltd.
Golf Course Architecture
13271 Elliott Dr.
Chesterfield, VA 23838
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bart@awclarkgolf.com www.awclarkgolf.com

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Tody Landscape Architecture
114 Leatherbroook Road
Greenville, NC 27858
PHONE: 252.756.2727
FAX: 252.756.2500
todylandarch@nc.rr.com

REV.	DESCRIPTION	DATE

ARMED FORCES RETIREMENT HOME
MEADOW RESTORATION PLANS
3700 NORTH CAPITOL STREET N.W. WASHINGTON D.C 20317

COVER SHEET
GENERAL

DESIGNED: BA, MW
DRAWN: SMS, MW, BA
REVIEWED: SK
JOB #: 213008
SCALE:
DATE: 3-11-2013

CS-1

1 OF 08

100% SUBMISSION

UTILITY DISCLAIMER

THE UNDERGROUND UTILITIES HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THIS SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

UTILITY REFERENCE

UNITED STATES SOLDIERS' AND AIRMEN'S HOME, WASHINGTON D.C.
MASTER PLAN – UPDATE, BASIC INFORMATION MAP
BY: RHODESIDE AND HARWELL INCORPORATED

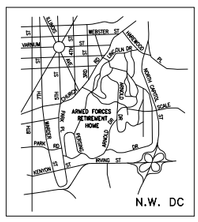
ALEXANDRIA, VIRGINIA, DATED JAN. 1994.

GENERAL WATER MAP – EXISTING CONDITIONS DWG. No. 18-02-29 SHT. 5 OF 15
GENERAL SANITARY SEWER MAP – EXISTING CONDITIONS DWG. No. 18-02-29 SHT. 6 OF 15
GENERAL GAS MAP – EXISTING CONDITIONS DWG. No. 18-02-29 SHT. 7 OF 15
GENERAL ELECTRICAL MAP – EXISTING CONDITIONS DWG. No. 18-02-29 SHT. 8 OF 15
GENERAL HEATING MAP – EXISTING CONDITIONS DWG. No. 18-02-29 SHT. 10 OF 15
GENERAL STORM DRAINAGE MAP – EXISTING CONDITIONS DWG. No. 18-02-29 SHT. 12 OF 15

BENCH MARK

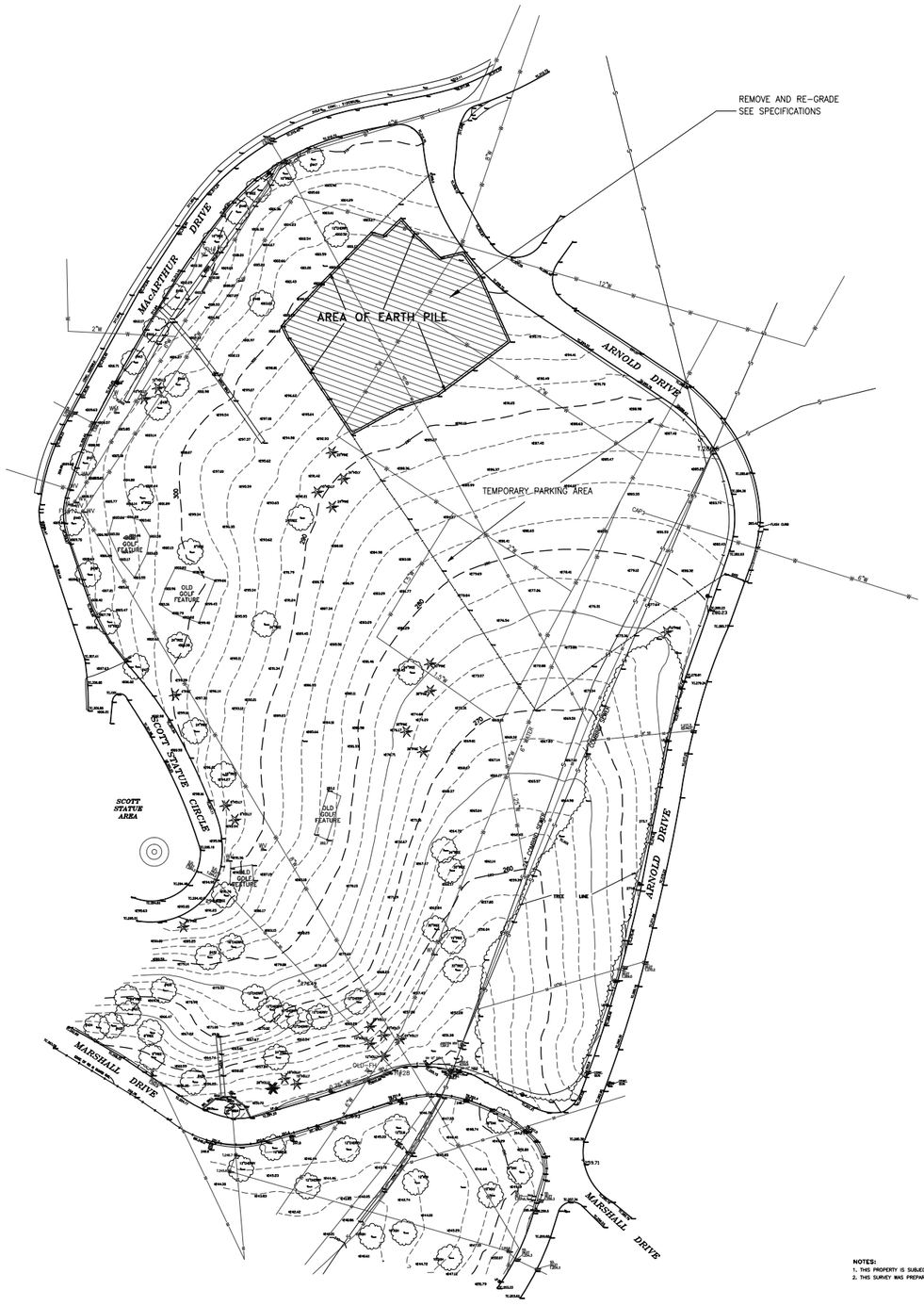
STORM DRAIN MANHOLE No. 2988 RIM ELEVATION 316.16 WAS USED AS THE BENCHMARK DATUM.
REFERENCE DRAWING:
GENERAL STORM DRAINAGE MAP – EXISTING CONDITIONS DWG. No. 18-02-29 SHT. 12 OF 15

TRAV #	North	East	Elev	Descrip
10	5019.9779	4424.2605	321.74	CROSS-CUT
11	4893.0499	4435.5588	318.25	CROSS-CUT
12	4669.6465	4304.5017	312.00	trav pt cc
13	4252.8369	3891.0261	309.01	trav pt cc
14	4162.5369	3861.0261	308.91	trav pt cc
15	4108.2193	3908.6343	307.36	TRAV PT CC
16	3946.8753	3981.5304	294.96	trav pt cc
17	3787.5892	4123.8899	276.49	TRAV PT BA
18	3654.0423	4168.8336	251.93	TRAV PT PK
19	3607.2271	4409.9637	258.71	TRAV PT CC
20	4161.0694	4538.1272	280.23	TRAV PT PK



VICINITY MAP
NOT TO SCALE

SCALE: 1" = 50'



UTILITY COMPANIES

POTOMAC ELECTRIC POWER CO.
701 9th STREET, N.W.
WASHINGTON, D.C. 20068
202-331-6237

GAS SERVICE
WASHINGTON GAS COMPANY
6801 INDUSTRIAL RD
SPRINGFIELD VA. 22151
703-750-1000

TELEPHONE SERVICE
VERIZON
3601 CALVERTON BOULEVARD
BELTSVILLE, MD. 20705
301-595-6052

SEWER & WATER SERVICE
D.C. WATER & SEWER AUTHORITY
5000 OVERLOOK AVE. S.W.
WASHINGTON, D.C. 20032
202-645-7651

LEGEND

UTILITIES

- SEWER MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- WATER MANHOLE
- MANHOLE
- STEAM MANHOLE
- WM WATER METER
- WV WATER VALVE
- GV GAS VALVE
- GM GAS METER
- FH FIRE HYDRANT
- —G— GAS LINE
- —S— SEWER LINE
- —SD— STORM SEWER
- —E— POWER LINE
- —W— WATER LINE (BURIED APPROX. 30" TO 48" DEEP)
- —ST— STEAM LINE
- PP PEPCO POWER POLE
- UP UTILITY POLE
- LP PEPCO LIGHT POLE
- TS TRAFFIC SIGN
- MP METAL POST
- TREE

G/INLET= GRATE INLET
D/INLET= DRAIN INLET
SD/INLET= STORM DRAIN INLET
COMB.= COMBINED

25 0 10 25 50
SCALE: 1"= 50'

FLOOD ZONE "C"(MINIMAL)
FEMA PANEL 110001 0020 B

NOTES:
1. THIS PROPERTY IS SUBJECT TO RESTRICTIONS OF RECORD.
2. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE POSITION OF THE EXISTING IMPROVEMENTS ON THE ABOVE DESCRIBED PROPERTY HAS BEEN CAREFULLY ESTABLISHED BY A TRANSIT-TAPE SURVEY.

DATED:_____ A. HUSBANDS
LICENSE NO. 904611
(SEAL)

100% SUBMISSION

C-1
2 OF 08

DATE: 3-11-2013
SCALE: 1"=50'
JOB # 213008
REVIEWED: SK
DRAWN: SMS, MW, BA
DESIGNED: BA, MW

ARMED FORCES RETIREMENT HOME
MEADOW RESTORATION PLANS
3700 NORTH CAPITOL STREET N.W. WASHINGTON D.C 20317

SURVEY
CIVIL

REV	DESCRIPTION	DATE

Wyly Landscape Architecture
111 Martinsborough Road
Greenville, NC 27858
Phone: 252.756.9757
FAX: 252.756.7256
wylyla@earthlink.net

INTEC aec
2500 Brighton Dam Road, Brookeville, Maryland 20833
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Golf Course Architects
13327 Elliott Dr.
Clarksville, MD 21029
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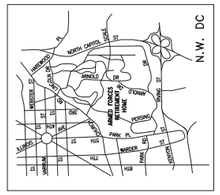
bantil@acagolf.com www.acagolf.com



VICINITY MAP
NOT TO SCALE

Arth, Clark & Associates, Ltd.
Golf Course Architecture
13027 Hilton Dr.
Clarksville, IN 47129
p 812-913-0000 f 812-913-0001
bart@arthgolf.com www.arthgolf.com

INTEC aec
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Greenville, NC 27858
PH: 252-756-0707
FAX: 252-756-7256
wayne@tylyinc.net

REV.	DESCRIPTION	DATE

ARMED FORCES RETIREMENT HOME
MEADOW RESTORATION PLANS
3700 NORTH CAPITOL STREET N.W. WASHINGTON, D.C. 20317

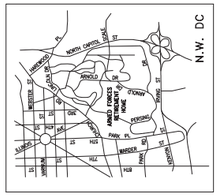
OVERVIEW PLAN
LANDSCAPE

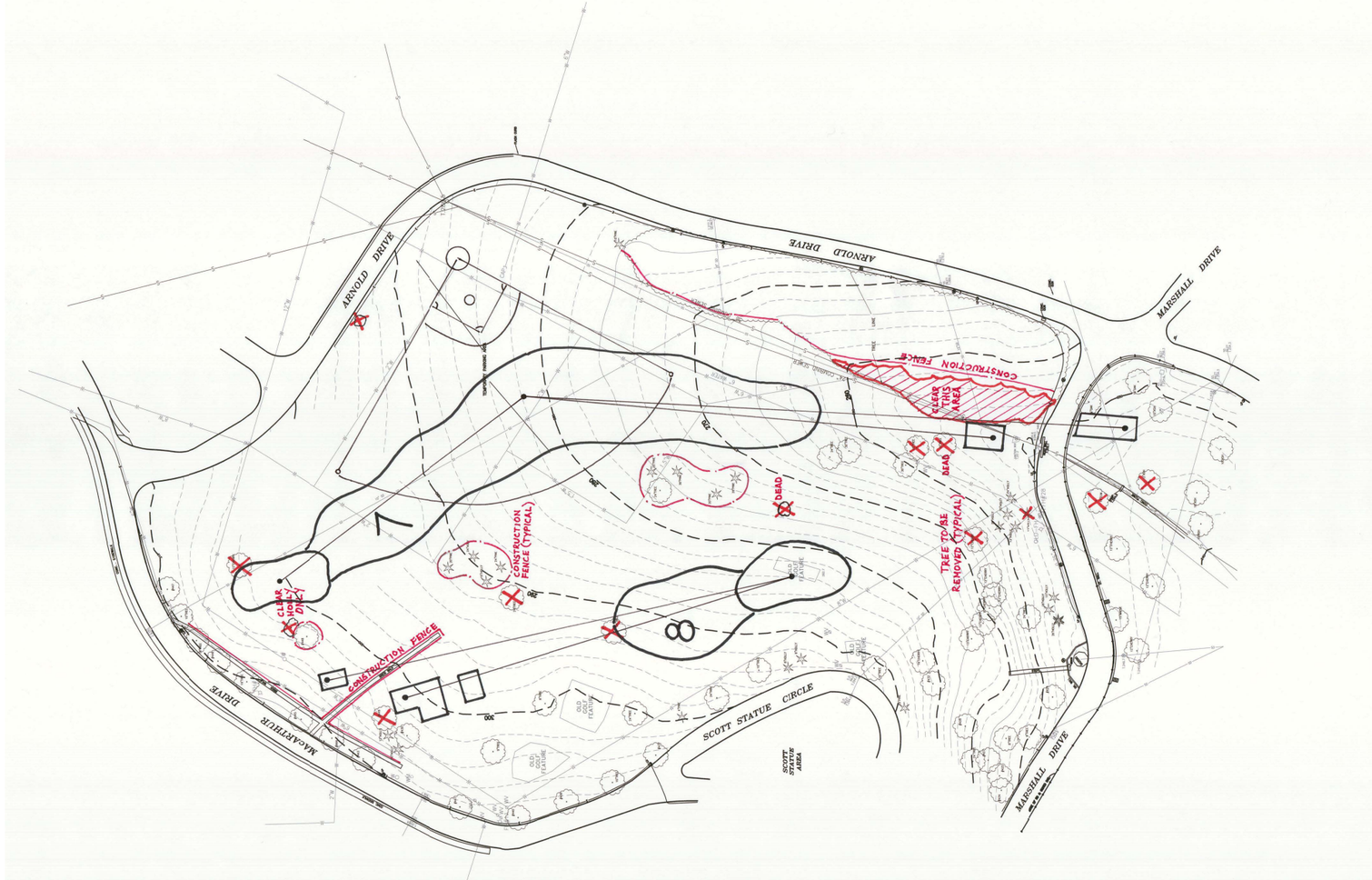
DESIGNED: BA, MW
DRAWN: SMS, MW, BA
REVIEWED: SK
JOB #: 213008
SCALE:
DATE: 3-11-2013

L-1

3 OF 08

100% SUBMISSION





REV.	DESCRIPTION	DATE

ARMED FORCES RETIREMENT HOME
MEADOW RESTORATION PLANS
3700 NORTH CAPITOL STREET N.W. WASHINGTON D.C. 20317

CLEARING PLAN
LANDSCAPE

DESIGNED: BA, MW
DRAWN: SMS, MW, BA
REVIEWED: SK
JOB #: 213008
SCALE:
DATE: 3-11-2013

L-2

4 OF 08

Kelly Landscape Architecture
Greenville, NC 27858
Phone: 252-756-0327
FAX: 252-756-7256
kellylandscapearch.net

INTEC aec
11 Mt. Airy Road, Suite 1, Basking Ridge, NJ 07920
p: 301.670.4100 F: 301.670.4101 www.INTECaec.com

Antis, Cherk & Associates, LLC.
Golf Course Architects
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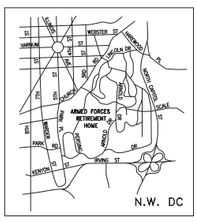
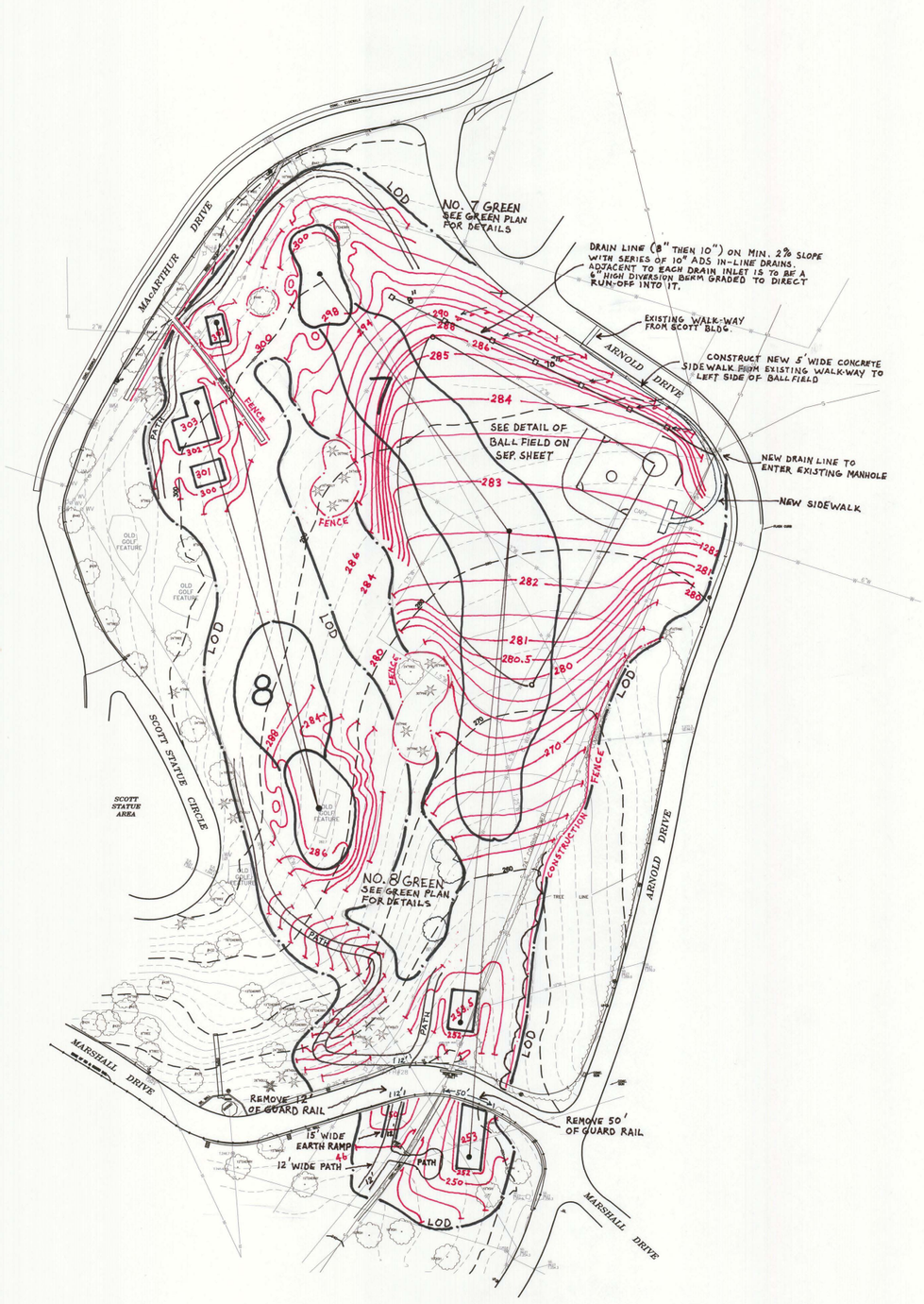
Laurel, MD 20708
(301) 854-9497 Fax (301) 854-6620
lisa@acagolf.com www.acagolf.com

100% SUBMISSION



VICINITY MAP
NOT TO SCALE

SCALE: 1" = 50'



100% SUBMISSION

5 OF 08	L-3
DATE	3-11-2013
SCALE:	1" = 50'
JOB #	213008
REVIEWED:	SK
DRAWN:	SKS, MR, BA
DESIGNED:	BA, WW

ARMED FORCES RETIREMENT HOME
MEADOW RESTORATION PLANS
3700 NORTH CAPITOL STREET N.W. WASHINGTON D.C 20317

GRADING PLAN
LANDSCAPE

REV.	DESCRIPTION	DATE

Wyly Landscape Architecture
111 Morehisborough Road
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wylylandarch@nc.net

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Ault, Clark & Associates, Ltd.
Golf Course Architects
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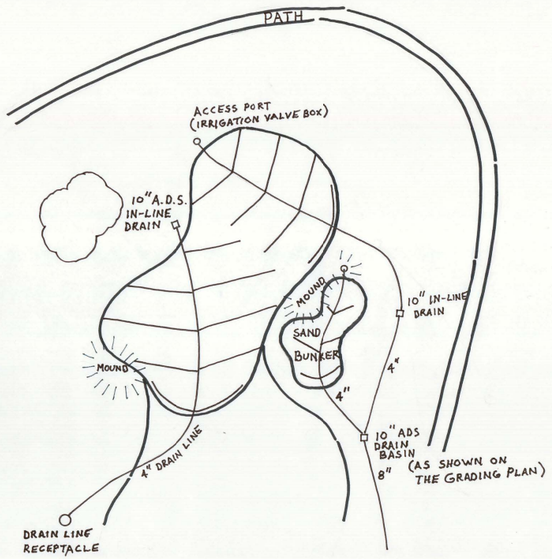
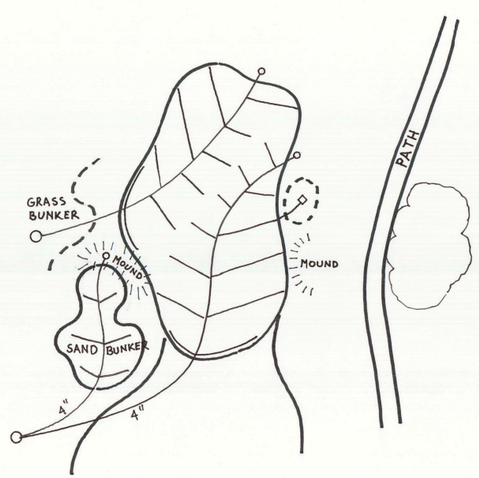
bauld@acagolf.com www.acagolf.com

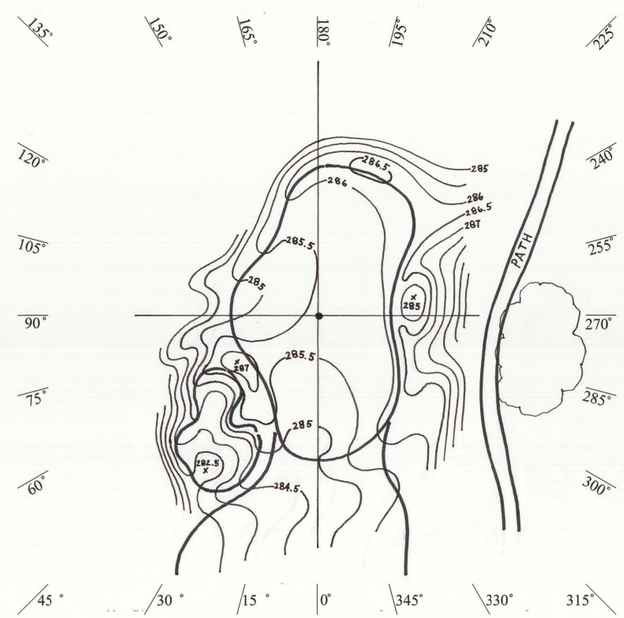


DRAINAGE

ORIENTATION and GRADING



DRAINAGE



ORIENTATION and GRADING

Construction Information:

No. 7 Green

Elevation at Center Stake
Existing - 300
Proposed - 299

Cavity Size (5550 SQ. FT.)

No. 8 Green

Elevation at Center Stake
Existing - 284.5
Proposed - 285.5

Cavity Size (5475 SQ. FT.)

New Green 7 & 8

Antl, Cheek & Associates, Ltd.
Golf Course Architecture
13137 Elliott Dr.
Clarksville, MD 21029
(410) 884-1111 F: (410) 884-0630
bcak@c-ange.com www.c-ange.com

INTEC aec
2600 Brighton Dam Road, Brookeville, Maryland 20833
p: 301.570.1100 f: 301.570.1101 www.INTECaec.com

Wyly Landscape Architecture
01 Montgomerycraft Road
Baltimore, MD 21212
Phone: 443.756.9757
Fax: 410.377.7365
wyl@verizonfios.net

REV.	DESCRIPTION	DATE

ARMED FORCES RETIREMENT HOME
MEADOW RESTORATION PLANS
3700 NORTH CAPITOL STREET N.W. WASHINGTON D.C. 20317

GREEN PLANS
LANDSCAPE

DESIGNED: BA, MW
DRAWN: SMS, MW, BA
REVIEWED: SK
JOB #: 213008
SCALE: 1" = 20'
DATE: 3-11-2013

L-4

6 OF 08

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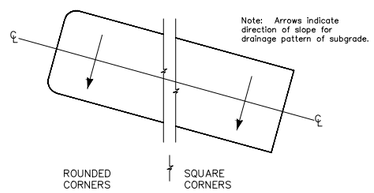
CONSTRUCTION DETAILS:

TYPICAL PLAN VIEW OF TEE

Not To Scale

Note: All tees are to be constructed to the size, shape, and elevation as shown on the plan with positive drainage provided around all tees.



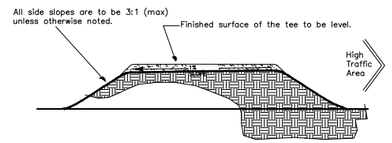
Note: The subgrade of tee is to be sloped at 40:1 away from the access side of the tee to eliminate water weeping into high traffic areas.

Note: Teeing surfaces are to be level with a min. 4 in. layer of specified sand organic mix unless otherwise noted.

TYPICAL CROSS-SECTION THRU. TEE

Not To Scale

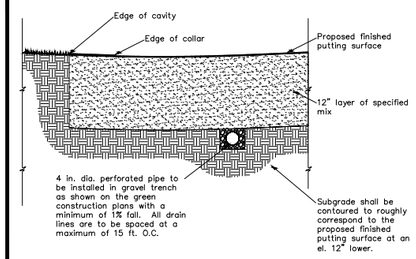
Note: Provide positive surface drainage around all tees.



Note: The subgrade of tee is to be sloped at 40:1 away from the access side of the tee to eliminate water weeping into high traffic areas.

GREEN CONSTRUCTION PROFILE

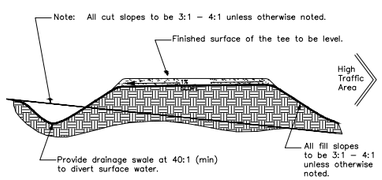
Not To Scale



Note: Refer to the specifications regarding all materials.

TYPICAL CROSS-SECTION THRU. TEE ON SLOPE

Not To Scale

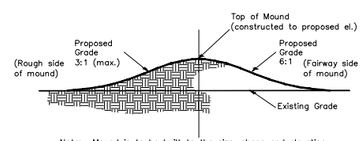


Note: All tees to be constructed at size and height shown on the plan.

Note: All tees to have a min. of 4 inches of mix or dirty sand (see specifications) coverage on subgrade.

TYPICAL CROSS-SECTION THRU. MOUND

Not To Scale



Note: Mound is to be built to the size, shape and elevation shown on the plan and as directed in the field by the Architect.

Note: The location of all mounds are to to staked and confirmed in the field.

Note: All slopes are to be between 3:1 and 6:1 unless otherwise noted with slopes tying into fairways typically at 5:1 or 6:1.

Arthur Clark & Associates, Ltd.
Golf Course Architects
11137 Eldon Dr.
Clarksville, MD 21029
410-992-6366 Fax: 410-992-6464
bsa@clarkgolf.com www.clarkgolf.com

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2900 Brighton Dam Road, Brookeville, Maryland 20833
p: 301-570-1100 f: 301-570-1111 www.INTECaec.com

Tyty Landscape Architecture
Tyler Tyler, ASLA, CLARB
Greenville, NC 27858
Phone: 252-756-0537
FAX: 252-756-7535
w@tytylandarch.net

REV.	DESCRIPTION	DATE

ARMED FORCES RETIREMENT HOME
MEADOW RESTORATION PLANS
3700 NORTH CAPITOL STREET N.W. WASHINGTON D.C. 20317

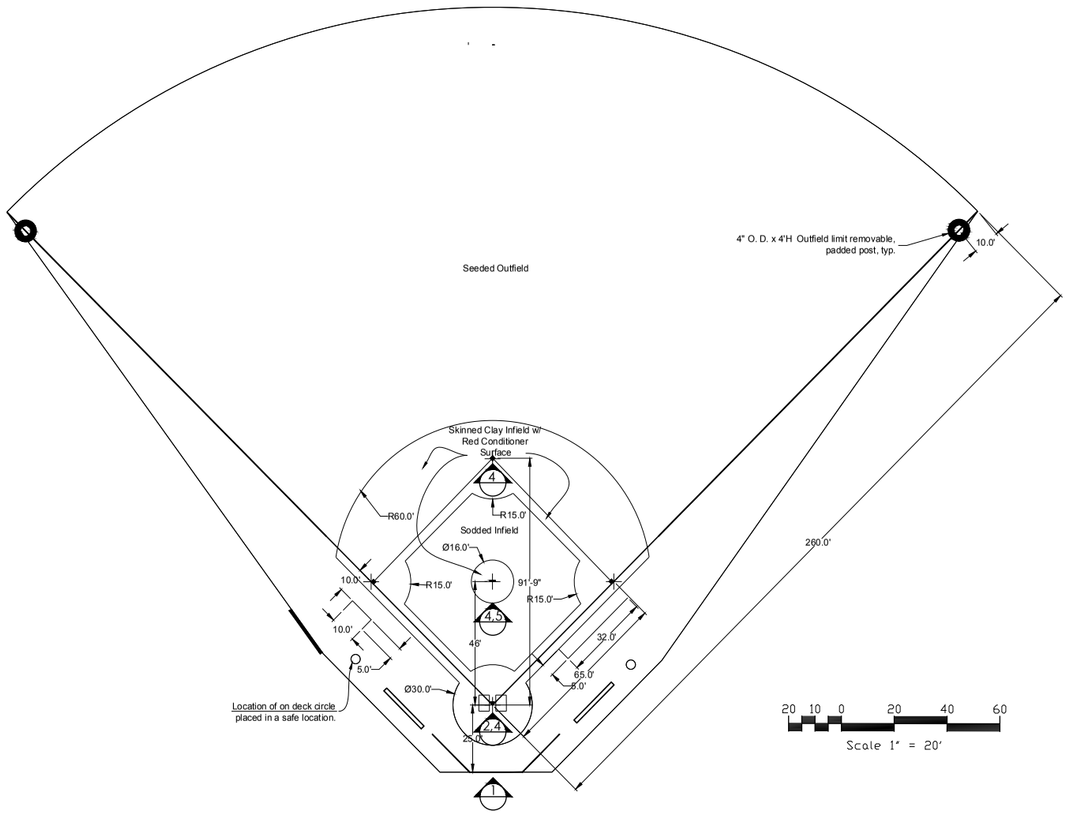
DETAILS & NOTES
LANDSCAPE

DESIGNED: BA, MW
DRAWN: SMS, MW, BA
REVIEWED: SK
JOB #: 213008
SCALE:
DATE: 3-11-2013

L-5

7 OF 08

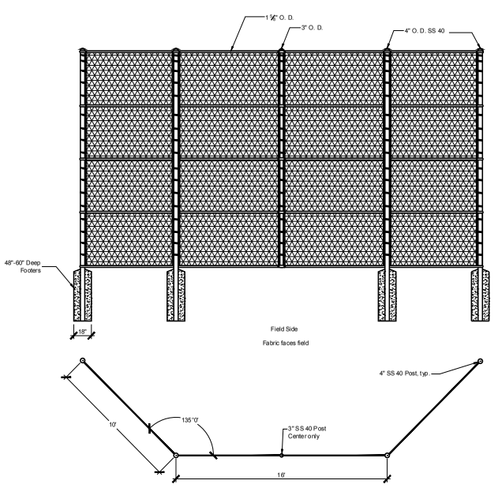
100% SUBMISSION



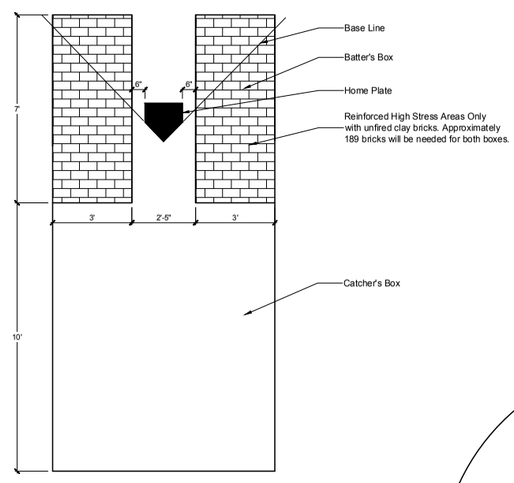
SOFTBALL FIELD LAYOUT

NOTES:

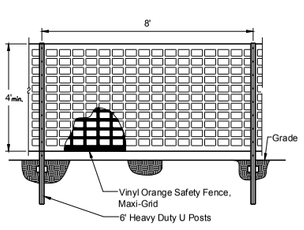
1. 1st. and 3rd. base are measured from the rear tip of home plate to the back corner of base. 2nd. base is measured from the center of the base to the baseline.
2. Pitching distances are measured from the front of the pitcher's plate to the rear point of the home plate.
3. Grade the pitcher's circle flat, then transition into the surrounding grades.
4. Install a 2' - 5" O.D. pipe with a removable cap near the ends of each base line to receive a removable padded pipe.
5. The Back Stop fence is based on a fence design C24 kit by Hoover Fence Co., phone 1-800-355-2335. A similar fence may be used.
6. All clay bricks and red clay conditioners were specified as per Diamond Pro. Their website is diamondpro.com and their phone number is 1-800-228-2987. They will direct you to a local representative. Similar products may be used meeting the same analysis and consistency.
7. Refer to the specifications for details on installing soil for the skinned infield and pitcher's circle.
8. Provide softball bases as shown in the detail.
9. Use the tree protection fence to create construction line. In some cases a silt fence may be installed in front of the tree protection fence.



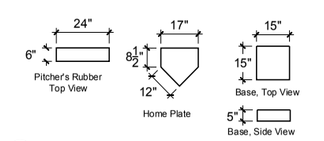
1 Typ. Back Stop Fence Plan & Elevation
Scale: 1/2" = 1'-0"



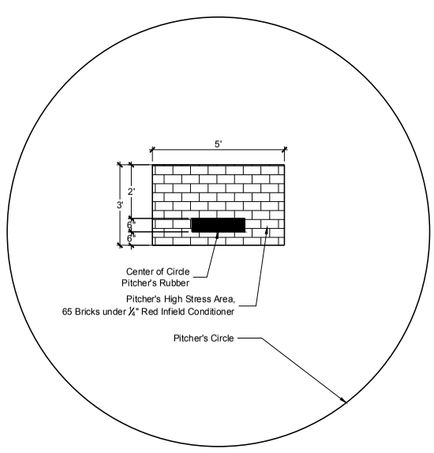
2 Batter's Boxes / Catcher's Box
Scale: 1/2" = 1'-0"



3 TREE PROTECTION FENCE
Scale: 1/2" = 1'-0"



4 Softball Bases
Scale: 1/2" = 1'-0"



5 Softball Pitcher's Circle
Scale: 1/2" = 1'-0"

100% SUBMISSION

L-6	DATE: 3-11-2013	DESIGNED: BL, MW	ARMED FORCES RETIREMENT HOME
8 OF 08	SCALE:	DRAWN: SVS, MW, BA	MEADOW RESTORATION PLANS
	JOB #: 213008	REVIEWED: SK	3700 NORTH CAPITOL STREET N.W. WASHINGTON D.C 20317
			BALL FIELD DETAILS
			LANDSCAPE

REV. DESCRIPTION DATE

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Phone: 252.756.9757
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bmit@acagolf.com www.acagolf.com