MATCHLINE SEE SHEET C8.00

LIMITS OF CLEARING (BY HAND)

LIMITS OF DISTURBANCE

LIMITS OF CLEARING (BY HAND)

LIMITS OF DISTURBANCE

LIMITS OF DISTURBANCE 60'-6" PVC @ 1.0% (PRIVATE) INV=144.60

6" PVC TIE TO EX. 15857 INV IN=144.00

TIE INTO EX. SIDEWALK (TYP.)

PROP. DOGHOUSE CATCH BASIN

EX. SAN MH TO BE RAISED TO GRADE

TIE INTO EX. SIDEWALK (TYP.)

37'-15" RCP @ 0.5% (PUBLIC) INV IN=141.53

TIE INTO EX. SIDEWALK (TYP.)

TIE INTO EX. SIDEWALK (TYP.)

LIMITS OF DISTURBANCE

TIE INTO EX. SIDEWALK (TYP.)

TIE INTO EX. SIDEWALK (TYP.)

LIMITS OF DISTURBANCE

LIMITS OF CLEARING (BY HAND)

NOTE: TOP OF CONC. SHALL BE ADA COMPLIANT AT ALL DOORS/THRESHOLDS

FACE OF EX. STONE WALL

STONE WALL TO REMAIN

EX. TW=152.69 SW=146.81 BW=152.19

TW=152.69 SW=146.76 BW=152.19

TW=152.69/153.50 SW=150.53 BW=152.58

TW=153.50 SW=153.31 BW=153.00

STONE STAIRS 12R@6.5"

TW=153.79 SW=153.29 BW=153.29

TIE INTO EX. SIDEWALK (TYP.)

TW=147.20 SW=146.70 BW=146.70

TW=150.65 SW=150.53 BW=150.15

TW=153.50 SW=153.26 BW=153.00

LIMITS OF DISTURBANCE

NOTES:
1. COUNTY LANDSCAPE ARCHITECT SHALL MEET ON SITE WITH CONTRACTOR TO APPROVE LAYOUT OF ALL PATHWAYS, PADS, FIREPIT, PICNIC SHELTERS, REFUSE SCREEN AND SITE FURNISHINGS.

GRADING & ADA COMPLIANCE NOTES:

1) THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL ELEMENTS ARE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN DOCUMENTS AND CONTRACT CONDITIONS INCLUDING THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADA) AND THE VIRGINIA ACCESSIBILITY CODE AND ANY UPDATES. IF THE CONTRACTOR OBSERVES THAT PORTIONS OF THE PROJECT ARE NON-COMPLIANT WITH THE ADA, HE SHALL NOTIFY ARLINGTON COUNTY CONSTRUCTION MANAGER SO THAT A FIELD ADJUSTMENT CAN BE MADE TO ENSURE COMPLIANCE. GRADE TOLERANCES SHALL BE MEASURED WITH A 2 FOOT DIGITAL LEVEL.

2) VERIFY ALL EXISTING AND PROPOSED GRADES PRIOR TO FINAL CONSTRUCTION. CONTRACTOR SHALL STAKE GRADES IN THE FIELD FOR REVIEW BY ARLINGTON COUNTY CONSTRUCTION MANAGER PRIOR TO FINAL CONSTRUCTION.

3) PROPOSED GRADING SHALL MEET EXISTING GRADE UNIFORMLY TO ENSURE A SMOOTH TRANSITION. NOTIFY ARLINGTON COUNTY CONSTRUCTION MANAGER IMMEDIATELY IF THERE ARE ANY EDGE CONDITIONS THAT CREATE AREAS WITHOUT POSITIVE DRAINAGE.

4) ALL LONGITUDINAL SLOPES ALONG THE WALKS SHALL BE NO STEEPER THAN 4.8% WITHOUT RAILING AND 7.8% WITH RAILING. THE CROSS SLOPE SHALL BE MINIMUM 1% AND MAXIMUM 1.8% IN ALL DIRECTIONS. THESE LIMITS PROVIDE 0.2% MARGIN FROM THE D.O.J. ADA REQUIREMENTS TO ALLOW FOR CONSTRUCTION TOLERANCES.

5) ANY HARDSCAPE SURFACE AREAS THAT ARE BUILT WITHOUT COMPLYING WITH THE ABOVE CODE MUST BE CORRECTED BY CONTRACTOR AT NO ADDITIONAL EXPENSE.

6) THE MAXIMUM VERTICAL CHANGE BETWEEN THE FINISH GRADES OF ADJACENT HARDSCAPE SURFACES IS ¼". THE MAXIMUM HORIZONTAL GAP BETWEEN THE EDGES OF ADJACENT HARDSCAPE SURFACES IS 3/8".

REVISED ON 1/21/2016

MATCHLINE SEE SHEET C8.00

LIMITS OF CLEARING (BY HAND)

GRAPHIC SCALE

25 0 12.5 25 50 100

(IN FEET)
1 inch = 25 ft.

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

GRADING PLAN (2 OF 2)

Alcova Heights Park Renovation Phase I
901 S. George Mason Drive
Arlington, Virginia 22204
Arlington County, Virginia

Scale: 1" = 25'

Number: 14 of 68

BID SET: 22-DPR-ITB-479

ARLINGTON VIRGINIA

DEPARTMENT OF PARKS & RECREATION
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 414
ARLINGTON, VA 22201
PHONE: 703.228.4747
FAX: 703.228.3328

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SEAL

COMMONWEALTH OF VIRGINIA
DAVID A. PETERSON
Lic. No. 056566
12/15/2021
PROFESSIONAL ENGINEER

APPROVALS	DATE
DESIGN TEAM ENGINEER SUPERVISOR	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

REVISIONS	DATE
1 REDUCE ALL 5% GRADES TO 4.8%MAX	12/15/21

Project Name and Location

Alcova Heights Park Renovation Phase I

DESIGNED: CLL
DRAWN: CLL
CHECKED: DAP
MISS UTILITY TRANSMITTAL #: N/A

FILENAME:
140049-D-CP-001-GRP.DWG
PATH: P:\140049 - ALCOVA HEIGHTS PARK\140049-01-001 (ENG) - ALCOVA HEIGHTS PARK\ENGINEERING\ENGINEERING PLANS\CEP
PLOTTED: December 15, 2021
PLOTTED BY: CLAFOON

SHEET

GRADING PLAN (2 OF 2)
C8.10