NORTHERN VIRGINIA REGIONAL PARK AUTHORITY

EX. 2-STORY
STONE & STUCCO BUILDING
FF=205.1

PEAK= 229.4

PEAK=220.1

REPLACE EXISTING DRAIN WITH 12" NYLOPLAST STANDARD H-20 RATED GRATE TOP MATCHING EXISTING TOP = 204.24

E:11802400
N:7070900

E:11802600
N:7070900

E:11802400
N:7070700

E:11802600
N:7070700

VIRGINIA STATE GRID NORTH
NAD 83

BENCHMARK #3
REBAR AND CAP
N: 7,070,760.51
E: 11,802,128.14
ELEVATION: 205.05

BENCHMARK
SAN M.H. TOP
N: 7,070,665.8901
E: 11,802,558.0682
ELEVATION: 205.00

EX SAN MH 1586
TOP = 204.47
INV IN (8" PVC FROM BUILDING) = 201.02
INV IN (8" PVC FROM WEST) = 200.97
INV OUT (8" PVC TO 1610) = 200.87

EX SAN MH 1610
TOP = 205.00
INV IN (8" PVC FROM 1586) = 200.00
INV OUT (6" RCP TO SOUTH) = 199.90

INV OUT=192.79

INV. IN = 201.23

EX STM GRATE
TOP=203.54
INV=201.24

EX STM GRATE
TOP=202.68
INV IN=201.30
INV OUT=201.13

EX STM GRATE
TOP=204.74
INV=204.24

EX. 100YR FLOODPLAIN

EX. ASPHALT

FULL DEPTH ASPHALT (TYP)

EX. ASPHALT (TO BE REMOVED)

12" NYLOPLAST
STANDARD H-20 RATED
GRATE TOP TOP = 203.30
INV. OUT = 201.47
INV. IN = 201.47

12" NYLOPLAST
STANDARD H-20 RATED
GRATE TOP TOP = 203.50
INV. OUT = 201.64

5' WIDE LANDSCAPE BED
w/ 18" HIGH KEYSTONE BLOCK
BORDER WALL

6' CONC. STRIP

6' CONC. S/W

EX. CONC.

EX. E.P.

E.P.

10' STM.

15'

20'

5'

6" (TYP)

ex. wall

ex. 6' wood fence

ex. 12.2' x 8.2' shed

ex. cooler

ex. hvac units

ex. hvac unit

ex. column (typical)

ex. timber curb

8" pvc

6" pvc

Private

Verizon

Comcast

Dominion

Comcast & Verizon

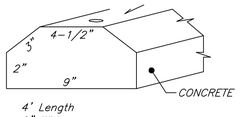
OHE

ex. ep

12" ep

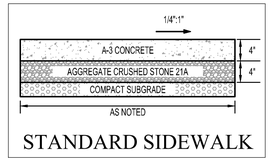
WHEELSTOP DETAIL

NOT TO SCALE



4" Length
9" Wide
5" High
2-Pre-Formed Holes

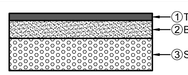
STANDARD SIDEWALK



- SIDEWALK SUBGRADE SHALL BE COMPACTED TO 95% OF THE THEORETICAL MAXIMUM DENSITY AT THE OPTIMUM MOISTURE CONTENT
- THE MAXIMUM SIDEWALK CROSS-SLOPE ALLOWED SHALL BE 1/4" PER FOOT

TYPICAL PAVEMENT SECTION

N.T.S.
Loudoun County



PAVEMENT DESIGN		
①	②	③
1-1/2" SM-9.5A	3" BM-25.0	6" 21-A

20 10 0 20 40
GRAPHIC SCALE
1" = 20'

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COMMONWEALTH OF VIRGINIA
DAVID E. PHILLIPS
Lic. No. 033010
PROFESSIONAL ENGINEER
2-8-2023

ALGONKIAN COURT
SHED CONCEPT PLAN

ALGONKIAN ELECTION DISTRICT
LOUDOUN COUNTY, VIRGINIA

MARK	DATE	DESCRIPTION

PROJECT No.: 22295.001.00
DRAWING No.: 112371
DATE: 02-032023
SCALE: 1" = 20'
DESIGN: D.E.P.
DRAWN: R.E.K.
CHECKED: D.E.P.

SHEET TITLE:

CONCEPT PLAN

SHEET No.

C400

P:\Projects\22295\001\112371 Shed Concept Plan\C400 CONCEPT PLAN.dwg, 2/3/2023 11:19:52 AM, Ron Kirby, 1:2.8855, christopher consultants, ltd