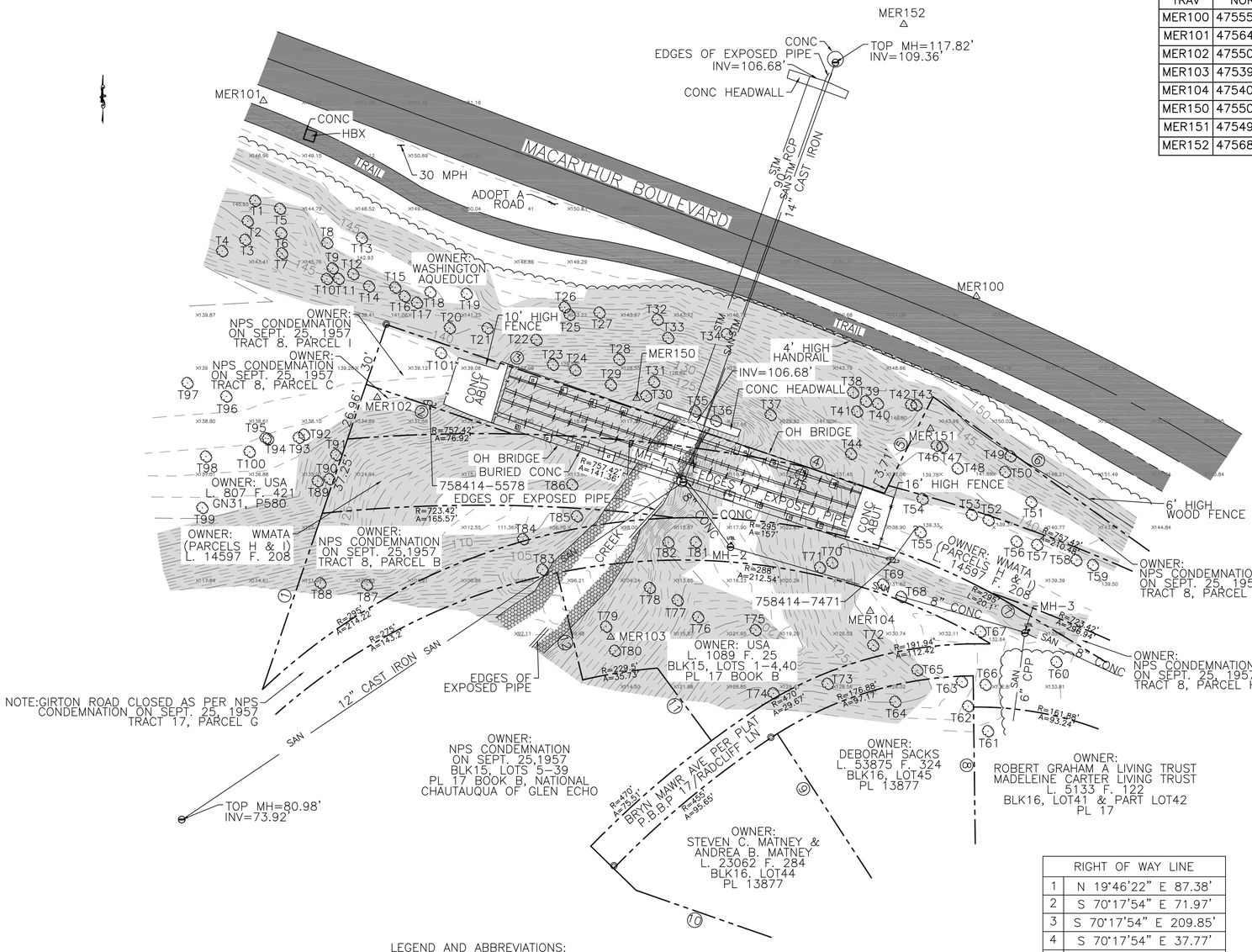
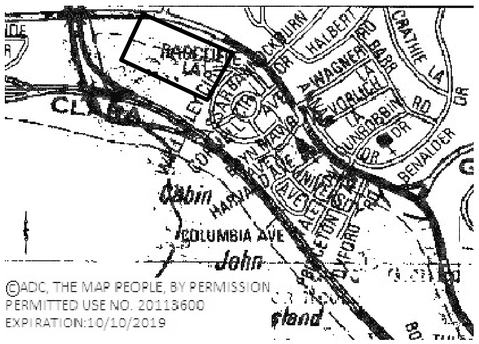


CONTROL POINTS				
TRAV	NORTHING	EASTING	ELEV.	DESCRIPTION
MER100	475552.53694	1271314.45336	151.74	REBAR & CAP
MER101	475644.62429	1270978.69274	150.38	REBAR & CAP
MER102	475504.89617	1271032.33666	138.09	REBAR & CAP
MER103	475392.10469	1271142.22173	108.07	REBAR & CAP
MER104	475404.28454	1271264.41057	130.87	REBAR & CAP
MER150	475504.55610	1271154.43940	119.73	REBAR & CAP
MER151	475490.19687	1271292.79672	142.07	REBAR & CAP
MER152	475680.55785	1271280.25973	123.33	REBAR & CAP

VICINITY MAP:



©ADC, THE MAP PEOPLE, BY PERMISSION
PERMITTED USE NO. 20113600
EXPIRATION:10/10/2019

TREES	
T1	18"POPLAR
T2	18"SYCAMORE
T3	24"MAPLE
T4	14"MAPLE
T5	20"POPLAR
T6	34"SYCAMORE
T7	12"SYCAMORE
T8	30"ASH
T9	24"BEECH
T10	16"SYCAMORE
T11	20"SYCAMORE
T12	20"SYCAMORE
T13	12"MAPLE
T14	18"SYCAMORE
T15	24"POPLAR
T16	20"SYCAMORE
T17	24"ASH
T18	18"POPLAR
T19	20"ASH
T20	12"POPLAR
T21	48"POPLAR
T22	24"POPLAR
T23	20"ASH
T24	20"BEECH
T25	12"MAPLE
T26	16"ASH
T27	16"ASH
T28	40"POPLAR
T29	20"POPLAR
T30	12"POPLAR
T31	12"POPLAR
T32	16"ASH
T33	20"POPLAR
T34	20"POPLAR
T35	30"POPLAR
T36	40"POPLAR 2IN1
T37	16"POPLAR
T38	30"MAPLE
T39	12"ASH
T40	40"ASH 2IN1
T41	12"M
T42	40"ASH 2IN1
T43	12"ASH
T44	16"MAPLE
T45	16"MAPLE
T46	13"ASH
T47	14"ASH
T48	12"ASH
T49	15"ASH

T50	12"MAPLE
T51	18"ASH
T52	24"MAPLE
T53	20"MAPLE
T54	20"MAPLE
T55	16"BEECH
T56	30"SYCAMORE
T57	12"MAPLE
T58	16"MAPLE
T59	18"MAPLE
T60	18"MAPLE
T61	13"MAPLE
T62	16"ASH
T63	12"ASH
T64	38"MAPLE
T65	15"MAPLE
T66	24"MAPLE
T67	15"MAPLE
T68	20"MAPLE
T69	16"MAPLE
T70	48"MAPLE
T71	18"ASH
T72	13"MAPLE
T73	60"MAPLE
T74	16"MAPLE
T75	26"POPLAR
T76	17"MAPLE
T77	17"MAPLE
T78	28"ASH
T79	16"MAPLE
T80	13"MAPLE
T81	36"SYCAMORE
T82	28"SYCAMORE
T83	38"SYCAMORE
T84	12"ASH
T85	12"ASH
T86	26"POPLAR
T87	20"MAPLE
T88	34"POPLAR
T89	16"POPLAR
T90	60"POPLAR
T91	55"POPLAR
T92	18"POPLAR
T93	18"POPLAR
T94	18"MAPLE
T95	18"BEECH
T96	24"POPLAR
T97	24"POPLAR
T98	30"POPLAR
T99	24"POPLAR
T100	16"MAPLE
T101	12"POPLAR

RIGHT OF WAY LINE	
1	N 19°46'22" E 87.38'
2	S 70°17'54" E 71.97'
3	S 70°17'54" E 209.85'
4	S 70°17'54" E 37.77'
5	N 27°48'40" E 47.20'
6	S 53°29'46" E 211.68'
7	N 57°38'22" W 280.86'
8	S 01°08'01.1" E 75.00'
9	N 33°33'19.3" W 164.96'
10	S 71°13'07.4" E 89.72'
11	S 36°58'24" E 42.34'
12	S 12°31'02.5" E 51.81'

LEGEND AND ABBREVIATIONS:

- GUY
- SEWER MANHOLE
- SIGN
- TREE (DIAMETER IN INCHES)
- TRAVERSE POINT
- PEPCO UTILITY POLE
- UTILITY SEWER MARKER
- CONC WITH STEEL COLUMN
- IRON PIPE 1" OPEN

ABUT ABUTMENT
BLK BLOCK
CONC CONCRETE
CPP CORRUGATED PLASTIC PIPE
HBX HANDBOX
MH MANHOLE
NPS NATIONAL PARK SERVICE
OH OVERHEAD
PL PLAT
RCP REINFORCED CONC PIPE
USA UNITED STATES OF AMERICA

- CHAIN LINK FENCE
- TREELINE
- HANDRAIL
- MAJOR CONTOUR
- MINOR CONTOUR
- RIGHT OF WAY
- ABANDONED OH
- RAILROAD TRACK
- SEWER PIPE (SAN)
- STORM PIPE (STM)
- ASPHALT
- >25%
- RIPRAP

MH-1
TOP MH=108.71
INV SW=100.30'
INV NE=104.02'
INV SE=101.28'

MH-2
TOP MH=116.63'
CANNOT OPEN
BROKEN TOP

MH-3
TOP MH=131.92'
INV SW=121.37'
INV NW=121.11'
INV SE=121.30'

SURVEY NOTES:

SURVEY COMPLETED IN THE FIELD 11/26/2018

THE BASIS FOR COORDINATE AND ELEVATIONS IS THE MARYLAND STATE PLANE HORIZONTAL COORDINATE SYSTEM (NAD83/91) AND NAVD88 VERTICAL DATUM AS PROJECTED BY RTK GPS SURVEY FROM THE FOLLOWING NGS CONTROL STATION:

STATION NAME HV9188
NORTHING 474274.6323
EASTING 1272812.9890
ELEVATION 152.36
DESCRIPTION BRASS DISC

CONVENTIONAL EDM USED FOR TRAVERSE AND LOCATIONS. NO WETLANDS FLAGS WERE FOUND ON SITE.

THE PROPERTY LINES SHOWN ARE APPROXIMATE ONLY. THE WMATA RIGHT OF WAY LINES SHOWN ARE BASED FROM THE WMATA DEED RECORDED IN LIBER 14597 FOLIO 208 PARCEL H & I OF THE MONTGOMERY COUNTY LAND RECORDS. THE ADJOINING PROPERTY LINES SHOWN ARE BASED ON THE DEEDS AND PLATS AS SHOWN ON EACH PARCEL. THE LINES HAVE BEEN PLACED IN REFERENCE TO SEVERAL IRON PIPES FOUND AND SHOWN ON THIS SURVEY.

CONTOUR INTERVALS: MINOR-1' MAJOR-5'

MERCADO
CONSULTANTS, INC.

GFP A Gannett Fleming/Parsons JOINT VENTURE

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21844, EXPIRATION DATE: 5/31/2020

JOSEPH DELFIN, LS

DESIGNED N/A N/A DATE
DRAWN MERCADO 12/28/18 DATE
CHECKED JRD 12/31/18 DATE

REFERENCE DRAWINGS

NUMBER	TITLE

REVISIONS

DATE	NUM	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF DESIGN AND CONSTRUCTION (DECO)
OFFICE OF ENGINEERING AND ARCHITECTURE (ENGA)

12/31/2018 DATE
D. FALKEN
WMATA PROJECT MANAGER

12/31/2018 DATE
G.SPILLER
GFP DEPUTY PROGRAM MANAGER

A/E SERVICES FOR: TOPOGRAPHIC SURVEYS FOR TWO (2) PROPERTIES LOCATED IN MONTGOMERY COUNTY, MD
CABIN JOHN CREEK TRESTLE
TOPOGRAPHIC SURVEY

M NO.	CONTRACT NO.	SCALE	DRAWING NO.	SHEET NO.
	FTA-19-FQ15191	1" = 30'	TSFA-017	1 of 1