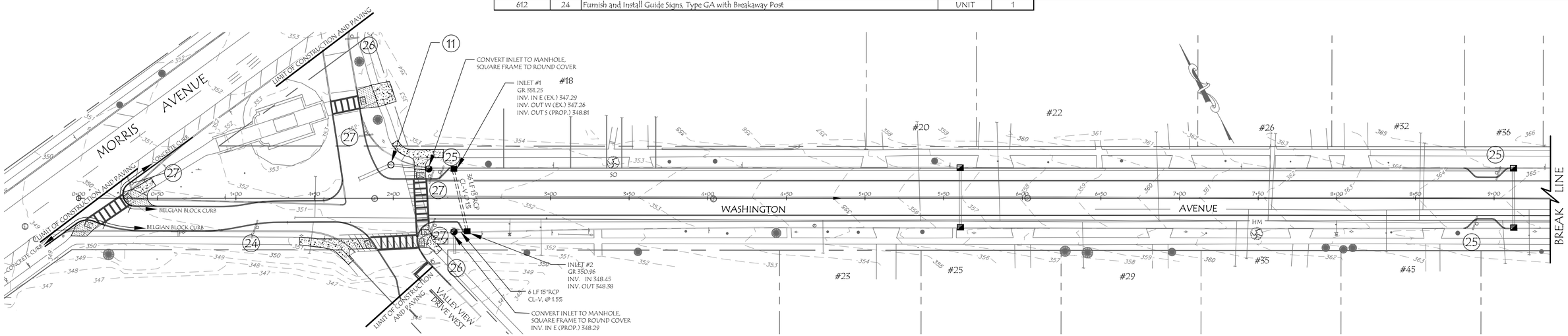
NOTE ON DETECTABLE WARNING SURFACE:
DETECTABLE WARNING SURFACE TO BE CAST-IN-PLACE TYPE, SAFETY RED COLOR, AND TO BE INSTALLED AT ALL PEDESTRIAN CURB RAMPS WITHIN THE PROJECT LIMITS

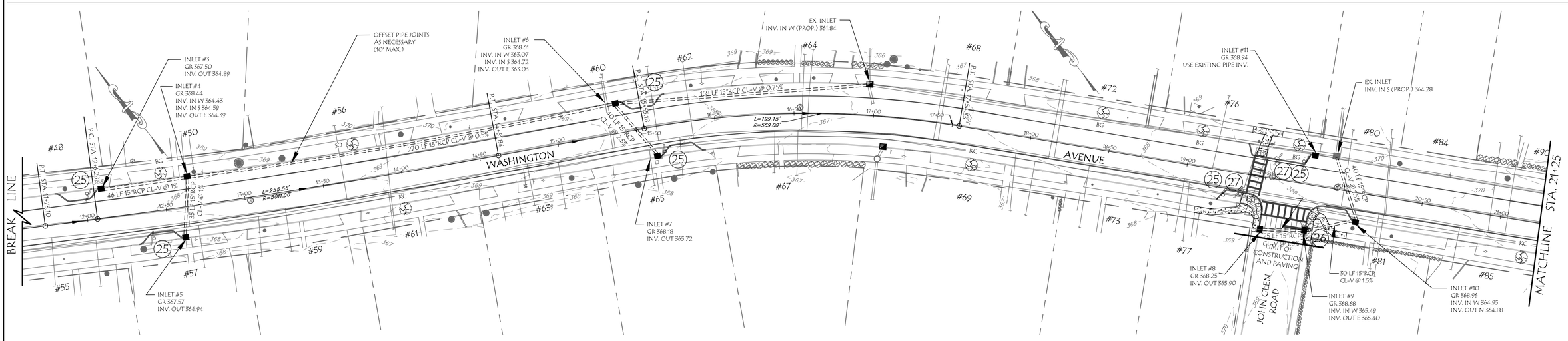
NOTES ON CONSTRUCTION:
PROPOSED SIDEWALK AND CURB TO BE CONSTRUCTED TO RUN GENERALLY WITH EXISTING LINES AND GRADES OR AS DIRECTED BY THE ENGINEER. ALL PEDESTRIAN CURB RAMPS TO BE FLUSH WITH PAVEMENT AND TO COMPLY WITH ADA DESIGN STANDARDS.

TREE TO BE PLANTED AT #51 WASHINGTON, TYPE KC NOT SHOWN ON THIS SHEET BUT IN QUANTITIES HEREIN.

SITE CLEARING TO INCLUDE REMOVAL OF ALL EXISTING CURBING, FULL-DEPTH PAVEMENT, AND ANY OTHER OBSTRUCTIONS ENCOUNTERED IN PROPOSED BUMPOUT AREAS.

njdot spec	Item #	To be constructed this sheet: Base Bid (Sta. 0+20 to Sta. 21+50)	Unit	Quantity	njdot spec	Item #	To be constructed this sheet: Base Bid (Sta. 0+20 to Sta. 21+50)	Unit	Quantity
201	2.1	Clearing Site	L.S.	1	612	25	Furnish and Install Object Markers, OM-3L, Type 3 with Breakaway Post	UNIT	9
601	7	15" Reinforced Concrete Pipe, Class V	L.F.	763	612	26	Furnish and Install Stop Sign R1-1 with Breakaway Post	UNIT	3
602	8	Inlet Type "B", with New Type N Frame and Bicycle Safe Grate, 2.5' to 5.5' Deep	UNIT	11	612	27	Furnish and Install Pedestrian Crosswalk Sign W11-2 with Supplemental Sign W16-7P with Breakaway Post	UNIT	6
602	9	Convert Inlet to Manhole (Square Frame to Circular Cover)	UNIT	2	804	28	Topsoiling, Screened Topsoil, 4" Thick, (If and Where Directed)	S.Y.	707
602	11	Reset Manhole Frame and Cover (If and Where Directed)	UNIT	1	806	29	Fertilizing, Seeding, Type A-3, and Straw Mulch, (If and Where Directed)	S.Y.	707
602	12	Furnish and Install Inlet Head, Type "N - ECO"	UNIT	6	804	29.1	Clean Soil Fill, 10" Thick at Curb Bump Outs	C.Y.	196
606	13	Concrete Sidewalk, 5" Thick, French Gray	S.Y.	179	811	31	Scarlet oak, Quercus coccinea, 2" - 2.5" caliper	UNIT	2
606	14	Concrete Driveway Apron, 7" Thick, French Gray	S.Y.	98	811	32	Blackgum, Nyssa sylvatica, 2" - 2.5" caliper	UNIT	4
606	15	Detectable Warning Surface	S.Y.	11	811	34	Kwanzan cherry, Prunus serrulata 'Kwanzan', 2" - 2.5" caliper	UNIT	4
607	18	9" x 20" Concrete Vertical Curb, DOT White	L.F.	138	811	35	Hedge maple, Acer campestre, 2" - 2.5" caliper	UNIT	1
607	19	Granite Block Curb	L.F.	1406	811	36	Tree Protection	L.S.	1
612	24	Furnish and Install Guide Signs, Type GA with Breakaway Post	UNIT	1					





PROPOSED LEGEND:

- (7) 15" RCP PIPE, CLASS-V
- (8) INLET TYPE "B", 2.5' - 5.5' DEEP, with NEW TYPE N FRAME and BICYCLE SAFE GRATE
- (9) CONVERT INLET TO MANHOLE
- (11) RESET MANHOLE FRAME & GRATE (IF AND WHERE DIRECTED)
- (12) FURNISH AND INSTALL INLET HEAD, TYPE "N-ECO"
- (13) CONCRETE SIDEWALK, 5" THICK, FRENCH GRAY
- (14) CONCRETE DRIVEWAY APRON, 7" THICK, FRENCH GRAY
- (15) DETECTABLE WARNING SURFACE
- (17) HOT MIX ASPHALT DRIVEWAY, 3" THICK
- (18) 9" x 20" CONCRETE VERTICAL CURB, DOT WHITE
- (19) GRANITE BLOCK CURB
- NEW SIGN (SEE ITEMS FOR TYPE) (24)(25)(26)(27)
- NEW TREE (SEE ITEMS FOR TYPE) (31)(32)(33)(34)(35) BG

SURVEY NOTES:

1) LOCATIONS OF ALL EXISTING FEATURES HEREIN ARE FROM FIELD SURVEY AND BASE MAPPING PERFORMED BY ALAIMO ASSOCIATES AND ON FILE IN THE MORRISTOWN ENGINEERING DIVISION.

2) CONDITIONS DEPICTED HEREIN ARE AS OF THE DATES OF ORIGINAL SURVEYS AND MAY NOT FULLY REFLECT CURRENT CONDITIONS. CONTRACTOR IS RESPONSIBLE TO FULLY FAMILIARIZE THEMSELVES WITH ACTUAL FIELD CONDITIONS PRIOR TO BIDDING.

Anthony M. DeVizio
New Jersey Professional Engineer & Land Surveyor
License No. 24GB04257100
DATE 11/8/17

TOWN OF MORRISTOWN
Department of Public Works
Division of Engineering
200 SOUTH STREET
MORRISTOWN, NEW JERSEY 07963
973-292-4894

Issue Date: 4/18/17
Scale: 1"=30'

Date	Revision	By

WASHINGTON AVENUE IMPROVEMENTS CONSTRUCTION PLAN SHEET 1

File No.: 16-012
Sheet No.: 3 of 9

njdot spec	Item #	To be constructed this sheet: Base Bid (Sta. 21+50 to Sta. 33+82.50)	Unit	Quantity
201	2.1	Clearing Site	L.S.	1
601	7	15" Reinforced Concrete Pipe, Class V	L.F.	123
602	8	Inlet Type "B", with New Type N Frame and Bicycle Safe Grate, 2.5' to 5.5' Deep	UNIT	4
602	9	Convert Inlet to Manhole (Square Frame to Circular Cover)	UNIT	5
602	12	Furnish and Install Inlet Head, Type "N - ECO"	UNIT	9
606	13	Concrete Sidewalk, 5" Thick, French Gray	S.Y.	116
606	14	Concrete Driveway Apron, 7" Thick, French Gray	S.Y.	78
606	15	Detectable Warning Surface	S.Y.	10
606	16	Reset Brick Pavers	S.Y.	16
606	17	Hot Mix Asphalt Driveway, 3" Thick	S.Y.	28
607	19	Granite Block Curb	L.F.	1368
612	25	Furnish and Install Object Markers, OM-3L, Type 3 with Breakaway Post	UNIT	4
612	26	Furnish and Install Stop Sign R1-1 with Breakaway Post	UNIT	4
612	27	Furnish and Install Pedestrian Crosswalk Sign W11-2 with Supplemental Sign W16-7P with Breakaway Post	UNIT	4
804	28	Topsoiling, Screened Topsoil, 4" Thick, (If and Where Directed)	S.Y.	949
806	29	Fertilizing, Seeding, Type A-3, and Straw Mulch, (If and Where Directed)	S.Y.	949
804	29.1	Clean Soil Fill, 10" Thick at Curb Bump Outs	C.Y.	165
811	33	Japanese tree lilacs, Syringa reticulata, 2" - 2.5" caliper	UNIT	2
811	34	Kwanzan cherry, Prunus serrulata 'Kwanzan', 2" - 2.5" caliper	UNIT	2
811	36	Tree Protection	L.S.	1

njdot spec	Item #	To be constructed this sheet: Alternate #1 (Sta. 33+82.50 to Sta. 38+25)	Unit	Quantity
201	2.1	Clearing Site	L.S.	1
602	9	Convert Inlet to Manhole (Square Frame to Circular Cover)	UNIT	1
602	12	Furnish and Install Inlet Head, Type "N - ECO"	UNIT	5
606	13	Concrete Sidewalk, 5" Thick, French Gray	S.Y.	192
606	14	Concrete Driveway Apron, 7" Thick, French Gray	S.Y.	38
606	15	Detectable Warning Surface	S.Y.	6
607	19	Granite Block Curb	L.F.	472
612	24	Furnish and Install Guide Signs, Type GA with Breakaway Post	UNIT	1
612	25	Furnish and Install Object Markers, OM-3L, Type 3 with Breakaway Post	UNIT	1
612	26	Furnish and Install Stop Sign R1-1 with Breakaway Post	UNIT	2
612	27	Furnish and Install Pedestrian Crosswalk Sign W11-2 with Supplemental Sign W16-7P with Breakaway Post	UNIT	2
804	28	Topsoiling, Screened Topsoil, 4" Thick, (If and Where Directed)	S.Y.	399
806	29	Fertilizing, Seeding, Type A-3, and Straw Mulch, (If and Where Directed)	S.Y.	399
804	29.1	Clean Soil Fill, 10" Thick at Curb Bump Outs	C.Y.	63
811	36	Tree Protection	L.S.	1

NOTE ON DETECTABLE WARNING SURFACE:
DETECTABLE WARNING SURFACE TO BE CAST-IN-PLACE TYPE, SAFETY RED COLOR, AND TO BE INSTALLED AT ALL PEDESTRIAN CURB RAMPS WITHIN THE PROJECT LIMITS

NOTES ON CONSTRUCTION:
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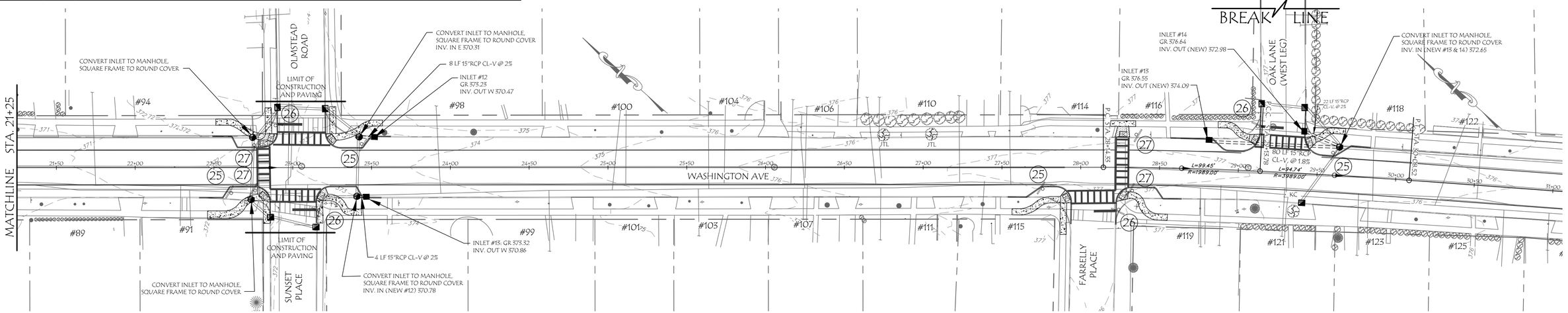
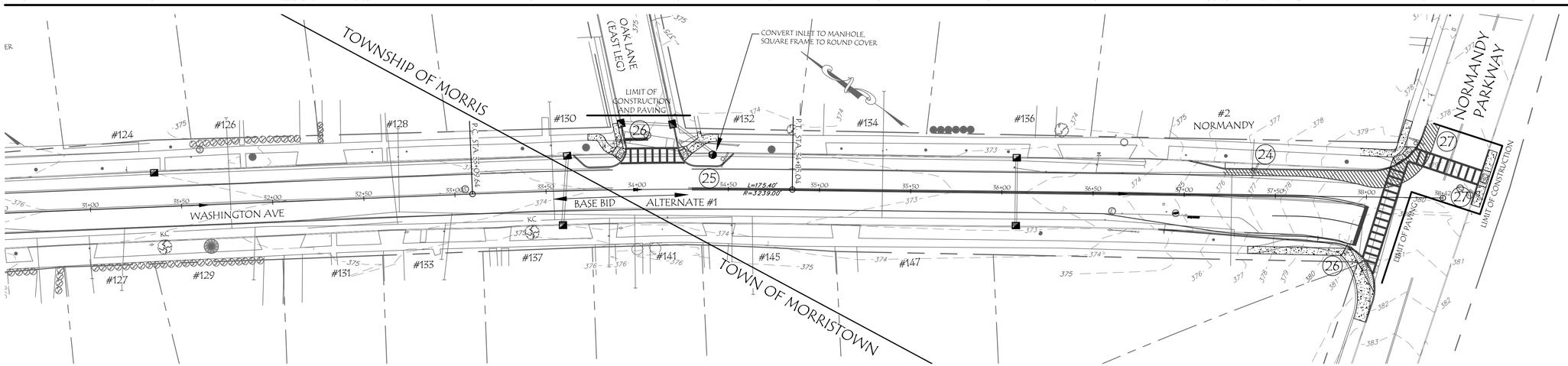
TREE TO BE PLANTED AT #51 WASHINGTON, TYPE KC NOT SHOWN ON THIS SHEET BUT IN QUANTITIES HEREIN.

SITE CLEARING TO INCLUDE REMOVAL OF ALL EXISTING CURBING, FULL-DEPTH PAVEMENT, AND ANY OTHER OBSTRUCTIONS ENCOUNTERED IN PROPOSED BUMPOUT AREAS.

BASE BID INCLUDES OAK LANE (WEST LEG)
[WASHINGTON AVE TO OAK LANE (NORTH LEG)]

16	16 S.Y.	28	233 S.Y.
17	28 S.Y.	29	233 S.Y.
19	770 L.F.		





SURVEY NOTES:

1. LOCATIONS OF ALL EXISTING FEATURES HEREIN ARE FROM FIELD SURVEY AND BASE MAPPING PERFORMED BY ALAIMO ASSOCIATES AND ON FILE IN THE MORRISTOWN ENGINEERING DIVISION .
2. CONDITIONS DEPICTED HEREIN ARE AS OF THE DATES OF ORIGINAL SURVEYS AND MAY NOT FULLY REFLECT CURRENT CONDITIONS. CONTRACTOR IS RESPONSIBLE TO FULLY FAMILIARIZE THEMSELVES WITH ACTUAL FIELD CONDITIONS PRIOR TO BIDDING.

NOTE ON WORK IN MORRIS TOWNSHIP:

1. IMPROVEMENTS LOCATED IN THE TOWNSHIP OF MORRIS ARE SUBJECT TO APPROVAL BY THE TOWNSHIP OF MORRIS ENGINEER AND MAY CHANGE PENDING ANY DESIGN COMMENTS ISSUED. ANY DESIGN CHANGES WILL BE ISSUED PRIOR TO AWARD OF THE AFFECTED BID ALTERNATES. NO SEPARATE PAYMENT.

PROPOSED LEGEND:

- (7) 15" RCP PIPE, CLASS-V
- (8) INLET TYPE "B", 2.5' - 5.5' DEEP, with NEW TYPE N FRAME and BICYCLE SAFE GRATE
- (9) CONVERT INLET TO MANHOLE
- (11) RESET MANHOLE FRAME & GRATE (IF AND WHERE DIRECTED)
- (12) FURNISH AND INSTALL INLET HEAD, TYPE "N-ECO"
- (13) CONCRETE SIDEWALK, 5" THICK, FRENCH GRAY
- (14) CONCRETE DRIVEWAY APRON, 7" THICK, FRENCH GRAY
- (15) DETECTABLE WARNING SURFACE DW
- (17) HOT MIX ASPHALT DRIVEWAY, 3" THICK
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- (19) GRANITE BLOCK CURB
- NEW SIGN (SEE ITEMS FOR TYPE) (24)(25)(26)(27)
- NEW TREE (SEE ITEMS FOR TYPE) (31)(32)(33)(34)(35) BG

Anthony M. DeVizio
New Jersey Professional Engineer & Land Surveyor
License No. 24GB04257100
DATE 11/8/17

TOWN OF MORRISTOWN
Department of Public Works
Division of Engineering
200 SOUTH STREET
MORRISTOWN, NEW JERSEY 07963
973-292-4894

Issue Date: 4/18/17
Scale: 1"=30'

Date	Revision	By

WASHINGTON AVENUE IMPROVEMENTS CONSTRUCTION PLAN SHEET 2

File No.: 16-012
Sheet No.: 4 of 9