

RIDGEDALE AVENUE & COLONIAL ROAD IMPROVEMENT PROJECT

ENTIRE LENGTH  
CITY OF SUMMIT

UNION COUNTY, NEW JERSEY

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE SUMMIT POLICE DEPARTMENT 72 HOURS PRIOR TO THE START OF ANY WORK AND SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITHIN 30 DAYS OF THE DAY THE PROJECT IS AWARDED TO CONTRACTOR.

2. NO SEPARATE PAYMENT SHALL BE MADE FOR FLAGGERS. ALL COSTS FOR FLAGGERS SHALL BE INCLUDED IN VARIOUS ITEMS IN THE BID PROPOSAL.

3. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ACCESS TO ALL DRIVEWAYS DURING CONSTRUCTION. THE CONTRACTOR SHALL INSTALL AND MAINTAIN DENSE GRADED AGGREGATE OR HOT MIX ASPHALT TO PROVIDE A RIDING SURFACE FOR VEHICLE ACCESS TO EACH PROPERTY. NO SEPARATE PAYMENT SHALL BE MADE FOR MAINTAINING ACCESS TO DRIVEWAYS. ALL DRIVEWAY ACCESS COSTS SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROJECT.

4. THE ROAD IS TO BE PROOF ROLLED AFTER MILLING IS COMPLETED BUT BEFORE FINAL PAVING. PROOF ROLLING MUST BE COMPLETED WITH A LOADED DUMP TRUCK IN THE PRESENCE OF THE ENGINEER OR PROJECT INSPECTOR. ALL COSTS ASSOCIATED WITH PROOF ROLLING SHALL BE INCLUDED IN BID ITEM FOR MILLING.

5. THE CONTRACTOR SHALL LEAVE THE MILLED ROAD UNPAVED FOR AT LEAST 48 HOURS AND SHALL PROOF ROLL PRIOR TO PAVING. THE CONTRACTOR SHALL INSTALL HOT MIX ASPHALT BASE COURSE AS A TEMPORARY SURFACE IN AREAS DEEMED NECESSARY BY THE ENGINEER. NO SEPARATE PAYMENT SHALL BE MADE FOR TEMPORARY PAVEMENT. ALL TEMPORARY PAVEMENT COSTS SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROJECT.

6. ALLOWABLE HOURS OF WORK ARE 8:00 AM TO 4:30 PM. THE CONTRACTOR SHALL MAKE PROVISIONS FOR MATERIAL AND EQUIPMENT STORAGE. THE CONTRACTOR SHALL COORDINATE THE STORAGE OF MATERIAL AND EQUIPMENT WITH THE ENGINEER AND THE POLICE DEPARTMENT. ALL COSTS FOR MATERIAL AND EQUIPMENT STORAGE SHALL BE INCLUDED IN THE BID ITEM "MOBILIZATION".

7. ALL TRAFFIC CONTROL AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE M.U.T.C.D. AND MUNICIPAL TRAFFIC ORDINANCES. THE CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE POLICE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE START OF WORK. TRAFFIC CONTROL PLANS SHALL INCLUDE AT A MINIMUM, THE FOLLOWING SITUATIONS: 1)ROAD CLOSED, 2)LANE CLOSED, SHOULDER CLOSED. THE CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL ON THE PROJECT. ALL REQUESTS FOR POLICE SERVICE FROM THE CITY SHALL BE SUBMITTED 72 HOURS BEFORE BEGINNING CONSTRUCTION OPERATIONS THAT REQUIRE POLICE SERVICES. CONTRACTOR MUST NOTIFY POLICE DEPARTMENT OF CANCELLATIONS 24 HOURS IN ADVANCE OR WILL BE SOLELY RESPONSIBLE FOR A MINIMUM CHARGE OF (4) HOURS. THE CITY OF SUMMIT WILL PAY THE COST OF POLICE SERVICES DIRECTLY TO THE OFFICERS HIRED FOR THE SCHEDULED TIMES.

8. NO HOUSE LEADER DRAINS ARE TO BE INSTALLED UNDER DRIVEWAY APRONS OR THROUGH DROP CURBS.

9. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ALL UTILITIES TO RAISE OR LOWER MANHOLES, METERS, VALVES, ETC. TO GRADE AS WORK PROGRESSES. ALL COSTS FOR COORDINATION WITH UTILITY COMPANIES SHALL BE INCLUDED IN THE BID ITEM "UTILITY COORDINATION". THE LOCATIONS OF SUBSURFACE UTILITIES ARE APPROXIMATE AND ARE SHOWN FOR ILLUSTRATIVE PURPOSES. THE CONTRACTOR IS RESPONSIBLE TO CALL FOR A MARK OUT OF UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.

10. THE CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT/RESTORATION OF ANY EXISTING SIDEWALK, CURB OR PAVEMENT WHICH IS DAMAGED DURING CONSTRUCTION. ALL REPLACEMENT/RESTORATION MUST BE COMPLETED BEFORE ACCEPTANCE OF THE PROJECT BY THE CITY AT NO ADDITIONAL COST.

11. THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL TREES WITHIN THE PROJECT DURING CONSTRUCTION, UNLESS OTHERWISE NOTED HEREIN. DAMAGE TO EXISTING TREES WILL BE EVALUATED BY THE CITY FORESTER. THE PROJECT SPECIFICATIONS IMPOSES A PENALTY OF \$500 PER INCIDENT OF DAMAGE TO ANY TREE. ALL COSTS RELATED TO TREE PROTECTION ARE TO BE INCLUDED IN THE BID ITEM "MOBILIZATION". ANY EXISTING TREES WHICH ARE COMPROMISED DURING EXCAVATION FOR CURB INSTALLATION SHALL BE EVALUATED BY THE CITY FORESTER, AND IF DEEMED APPROPRIATE, SHALL BE REMOVED BY THE CONTRACTOR. COST FOR TREE REMOVAL ARE TO BE INCLUDED IN THE BID ITEM "TREE REMOVAL"

12. NO SEPARATE PAYMENT SHALL BE MADE FOR ANY SAW CUTTING REQUIRED ON THE PROJECT. COSTS FOR SAW CUTTING SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE BID PROPOSAL.

13. THE CONTRACTOR IS RESPONSIBLE TO REPLACE/RESET ANY SPRINKLERS AND DOG FENCING DAMAGED/DISTURBED DURING THE PROJECT. THE COST FOR REPAIR/RESETTING SPRINKLERS AND DOG FENCING SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PROPERTY OWNERS FOR THE LOCATION OF THE SPRINKLERS AND DOG FENCES PRIOR TO THE START OF WORK.

14. ALL COSTS ASSOCIATED WITH THE RESETTNG OR REPLACEMENT OF ANY WALKWAYS OR DRIVEWAYS CONSTRUCTED OF GRANITE BLOCK, BRICK, BRICK PAVERS, STONE, SLATE, ETC. SHALL BE INCLUDED IN THE BID ITEM FOR CURB. NO SEPARATE PAYMENT SHALL BE MADE FOR THE INSTALLATION, RECONSTRUCTION OR RESETTNG OF CURB ALONG THE SIDES OF A DRIVEWAY LEADING TO THE SIDEWALK WHERE CURBING CURRENTLY EXISTS.

15. NO SEPARATE PAYMENT SHALL BE MADE FOR THE EXCAVATION OF UNCLASSIFIED MATERIAL ASSOCIATED WITH FULL DEPTH REPAIR. ALL COSTS ASSOCIATED WITH THE EXCAVATION, UNCLASSIFIED, AND DISPOSAL OF THE EXISTING SUBBASE AND PLACEMENT OF DENSE GRADED AGGREGATE SHALL BE INCLUDED IN THE BID ITEM "FULL DEPTH REPAIR."

16. NO SEPARATE PAYMENT SHALL BE MADE FOR THE EXCAVATION OF UNCLASSIFIED MATERIAL BEHIND THE CURB. ALL COSTS ASSOCIATED WITH THE REMOVAL OF ANY EXISTING MATERIAL BEHIND THE PROPOSED CURB SHALL BE INCLUDED IN THE BID ITEM FOR CURB.

17. NO SEPARATE PAYMENT SHALL BE MADE FOR THE INSTALLATION AND MAINTENANCE OF ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES. ALL COSTS ARE TO BE INCLUDED IN THE BID ITEM "MOBILIZATION". INLET FILTERS SHALL BE INSTALLED AT ALL EXISTING OR NEW CATCH BASINS AND SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED AND THE SURFACE COURSE IS INSTALLED. ALL COSTS ASSOCIATED WITH INLET PROTECTION SHALL BE INCLUDED IN THE BID ITEM "INLET FILTERS, TYPE 1."

18. THE CONTRACTOR IS RESPONSIBLE FOR THE STAKEOUT AND LAYOUT OF THE PROJECT. THE STAKEOUT AND LAYOUT IS TO BE PERFORMED BY A NEW JERSEY PROFESSIONAL LAND SURVEYOR. ALL COSTS ASSOCIATED WITH THE STAKEOUT AND LAYOUT OF THE PROJECT ARE TO BE INCLUDED IN THE BID ITEM "CONSTRUCTION LAYOUT". ALL GRADES ARE TO BE SET IN THE FIELD BY THE LAND SURVEYOR. THE CONTRACTOR IS TO SUBMIT TO THE ENGINEER A PROFILE WITH THE SET GRADES PRIOR TO THE BEGINNING OF CONSTRUCTION. THE PROFILE IS SUBJECT TO THE APPROVAL OF THE ENGINEER.

19. SHOP DRAWINGS ARE TO BE SUBMITTED AT A MINIMUM OF THREE (3) WEEKS PRIOR TO CONSTRUCTION FOR ALL PROPOSED DRAINAGE STRUCTURES, SIGNS & POSTS, ANY CONCRETE FOOTINGS. ALL DRAINAGE STRUCTURES AND FOOTINGS MUST BE DESIGNED BY A NEW JERSEY PROFESSIONAL ENGINEER. ALL SHOP DRAWINGS ARE SUBJECT TO THE APPROVAL OF THE ENGINEER.

20. ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION FOR THE IMPROVEMENTS SHOWN SHALL BE IN ACCORDANCE WITH THE NEW JERSEY DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2019" AND ALL APPLICABLE AMENDMENTS.

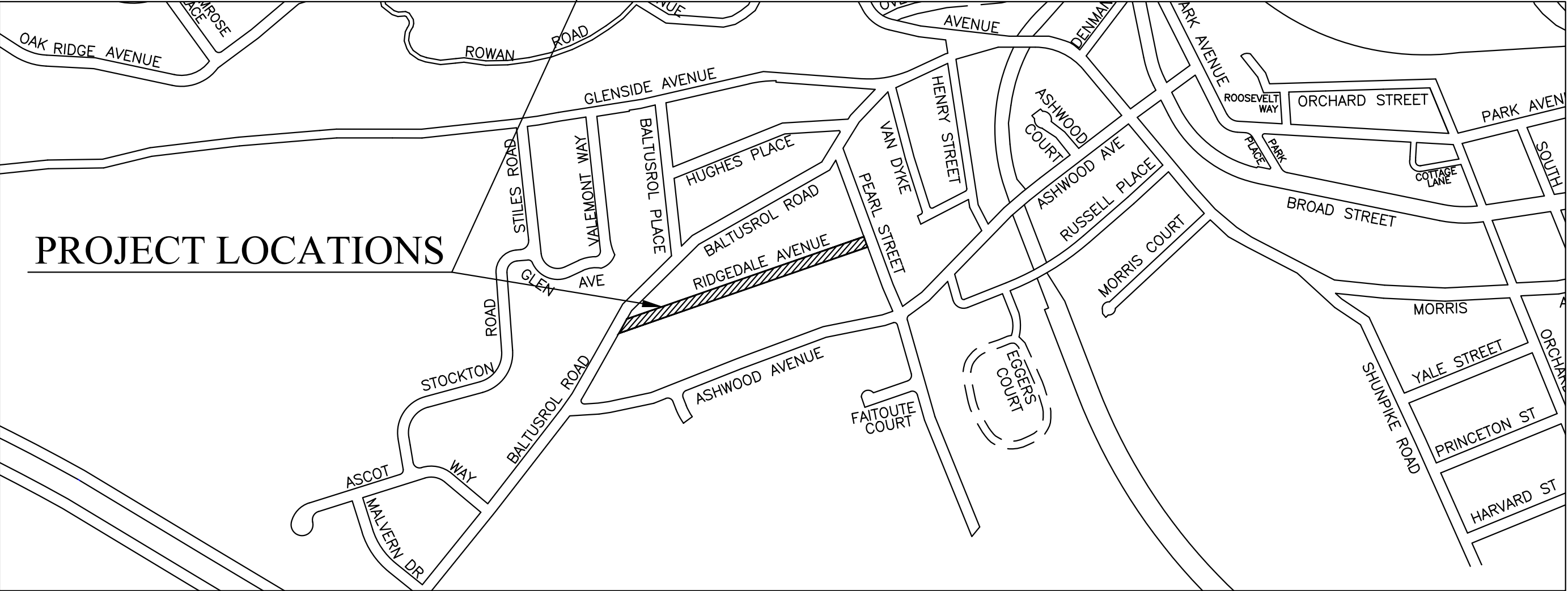
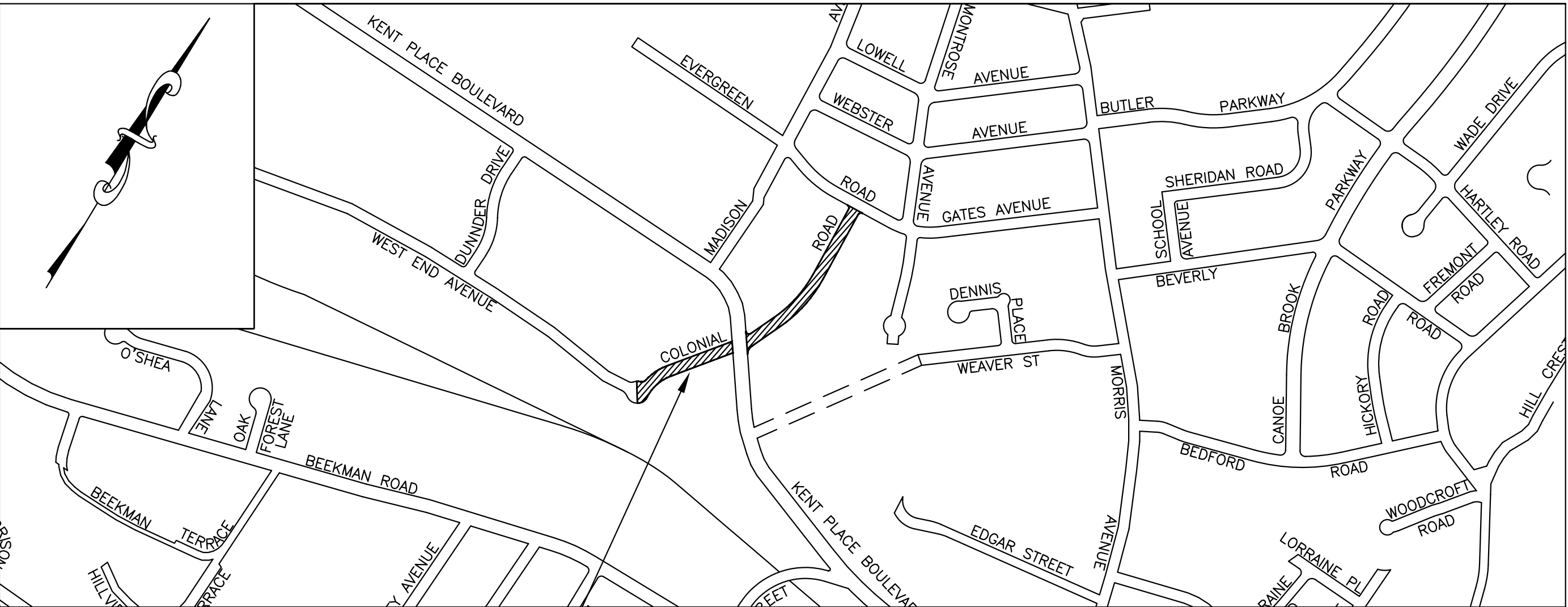
21. ALL REGULATORY, WARNING, AND GUIDE SINGS, AS WELL AS STREET NAME SIGNAGE, WITHIN PROJECT LIMITS ARE TO BE REPLACED WITH NEW PLAQUES AND POSTS, UNLESS NOTED OTHERWISE.

22. ANY TYPE 'B' OR TYPE 'D' INLETS IDENTIFIED HEREIN FOR RECONSTRUCTION SHALL INCLUDE NEW NEW TYPE 'N' ECO-HEAD CURB PIECE AND BICYCLE SAFE GRATE. ALL COSTS ARE TO BE INCLUDED IN THE BID ITEM FOR RECONSTRUCTED INLET.

23. ANY PROPOSED PAVEMENT THICKNESS NOTED HEREIN SHALL BE POST-COMPACTION, UNLESS OTHERWISE NOTED.

24. ALL PAVEMENT STRIPING & MARKINGS SHALL BE THERMOPLASTIC PER NJDOT STANDARDS.

25. NO SEPARATE PAYMENT SHALL BE MADE FOR THE EXTENSION OF EXISTING PIPE DAYLIGHTS THROUGH THE NEW CURB. ALL COSTS ASSOCIATED WITH THE EXTENSION OF EXISTING DRAINAGE PIPES THROUGH THE CURB SHALL BE INCLUDED IN THE VARIOUS BID ITEMS.



LOCATION MAP

SCALE: 1"=500'

INDEX OF SHEETS	
SHEET	DESCRIPTION
1	COVER SHEET
2	CONSTRUCTION PLAN FOR RIDGEDALE AVENUE
3	GRADING & DRAINAGE PLAN FOR RIDGEDALE AVENUE
4	CONSTRUCTION PLAN FOR COLONIAL ROAD
5	SOIL EROSION & SEDIMENT CONTROL PLAN FOR RIDGEDALE AVENUE
6	SOIL EROSION & SEDIMENT CONTROL PLAN FOR COLONIAL ROAD
7	SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS
8	CONSTRUCTION DETAILS
1 OF 5	EXISTING CONDITIONS SURVEY - RIDGEDALE AVENUE (PROVIDED BY STONEFIELD)
2 OF 5	EXISTING CONDITIONS SURVEY - RIDGEDALE AVENUE (PROVIDED BY STONEFIELD)
3 OF 5	EXISTING CONDITIONS SURVEY - RIDGEDALE AVENUE (PROVIDED BY STONEFIELD)
4 OF 5	EXISTING CONDITIONS SURVEY - RIDGEDALE AVENUE (PROVIDED BY STONEFIELD)
5 OF 5	EXISTING CONDITIONS SURVEY - RIDGEDALE AVENUE (PROVIDED BY STONEFIELD)
1 OF 1	EXISTING CONDITIONS SURVEY - COLONIAL ROAD (PROVIDED BY STONEFIELD)

Funding Note:  
This project is funded by the City of Summit and a NJDOT Municipal Aid Grant

Survey Note:  
The contractor is responsible for stakeout and vertical control of the project. Stakeout is required for the project. AutoCAD drawings are availabe for this project upon request. Cut sheets shall be submitted prior to the start of any work.

UTILITIES

Public Service Electric & Gas Co.  
48 Middle Avenue  
Summit, NJ 07901

Jersey Central Power and Light  
300 Madison Avenue  
Morristown, NJ 07960

Comcast Cablevision of New Jersey  
300 Rahway Avenue 07901  
Union, NJ 07083

Verizon  
445 Georges Road  
North Brunswick, NJ 08902

City of Summit  
Division of Public Works  
41 Chatham Road  
Summit, NJ 07901

New Jersey American Water Co.  
167 JFK Parkway  
Short Hills, NJ 07078

SUMMARY OF QUANTITIES

BASE BID ITEM	DESCRIPTION	UNIT	QTY
<b>GENERAL WORK</b>			
1	MOBILIZATION	LS	1
2	CLEARING SITE	LS	1
3	FINAL CLEANUP	LS	1
4	BREAKAWAY BARRICADE	UNIT	5
5	DRUM	UNIT	20
6	TRAFFIC CONE	UNIT	40
7	CONSTRUCTION SIGNS	SF	100
8	CONSTRUCTION IDENTIFICATION SIGNS, 18" X 36"	UNIT	4
9	CONSTRUCTION LAYOUT	LS	1
10	UTILITY COORDINATION	LS	1
11	INLET FILTERS, TYPE 1	SF	60
12	FUEL PRICE ADJUSTMENT	ALLOW	ALLOW
13	ASPHALT PRICE ADJUSTMENT	ALLOW	ALLOW
<b>ROADWAY, CURBING &amp; ADA</b>			
14	HMA MILLING, 2" OR LESS	SY	8,800
15	FULL DEPTH REPAIR	SY	1,500
16	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK	TON	1,300
17	EXCAVATION, TEST PIT	CY	15
18	EXCAVATION, UNCLASSIFIED	CY	50
19	GRANITE BLOCK CURB	LF	4,800
20	HOT MIX ASPHALT DRIVEWAY 5" THICK	SY	300
21	CONCRETE DRIVEWAY, 6" THICK, IF AND WHERE DIRECTED	SY	10
22	GRAVEL DRIVEWAY, 8" THICK, IF AND WHERE DIRECTED	SY	25
23	TRAFFIC MARKING LINES, 4" THICK	LF	2,500
<b>UTILITIES</b>			
24	RESET MANHOLE, SANITARY SEWER, USING NEW CASTING	UNIT	9
25	SET MANHOLE CASTING	UNIT	1
26	VIDEO INSPECTION OF SEWER	LF	2,700
27	VIDEO INSPECTION OF PIPE	LF	400
28	RECONSTRUCTED INLET, TYPE B, USING NEW CASTING	UNIT	7
29	SEWER REPAIR, IF AND WHERE DIRECTED, 10' LENGTH, 10' DEPTH	UNIT	1
30	RECONSTRUCT MANHOLE, IF AND WHERE DIRECTED	UNIT	1
31	RESET GAS VALVE BOX	UNIT	20
32	RESET WATER VALVE BOX	UNIT	20
<b>LANDSCAPING</b>			
33	TOP SOIL SPREADING, 4" THICK	SY	1100
34	FERTILIZING AND SEEDING, TYPE A-3,	SY	1100
35	BORROW TOPSOIL	CY	120
36	I-14 SOIL AGGREGATE	CY	20
37	TREE REMOVAL, OVER 6" to 36", IF AND WHERE DIRECTED	UNIT	13
38	TREE REMOVAL, OVER 36", IF AND WHERE DIRECTED	UNIT	1
<b>STREET SIGNS &amp; PARKING METERS</b>			
39	GUIDE SIGN, TYPE GA, BREAKAWAY SUPPORTS	SF	50
40	REGULATORY AND WARNING SIGN	SF	100
41	STREET NAME SIGN & POST	UNIT	4

Project Safety Note:  
The contractor(s) working on the project are responsible to ensure that all safety regulations of the Occupational Safety and Health Administration (OSHA) and the requirements of the State of New Jersey Department of Labor and Industry shall be adhered to on this project and that he or she shall instruct his or her personnel to follow these regulations. These regulations include, but are not limited to, the regulations concerning Trench Excavation, Competent Persons and Confined Space Regulations.

Specifications Note:  
New Jersey Department of Transportation Standard Specifications for Road and Bridge Construcion 2019 and all of its amendments and Baseline Document Changes are to govern all construction here in.

Survey Reference Note:  
These plans reference a Route Survey titled, "Map of Survey of: Ridgedale Avenue, City of Summit, County of Union, State of New Jersey," and a Route Survey titled, "Map of Survey of: Colonial Road, City of Summit, Union County, State of New Jersey," both prepared by:

Stonefield Engineering & Design  
92 Park Avenue  
Rutherford, NJ 07070  
Phone: 201-340-4468  
Dated: 5/31/2022


REVISIONS


NO.	DATE	DESCRIPTION

RIDGEDALE AVENUE & COLONIAL ROAD IMPROVEMENT PROJECT

ENTIRE LENGTH  
COVER SHEET

CITY OF SUMMIT UNION CO., N.J.  
DIVISION OF ENGINEERING  
DEPARTMENT OF COMMUNITY SERVICES  
512 SPRINGFIELD AVENUE  
SUMMIT NJ 07901  
UNION COUNTY

  
**Aaron J. Schragger**  
Professional Engineer  
New Jersey Lic. No. 46143  
City Engineer



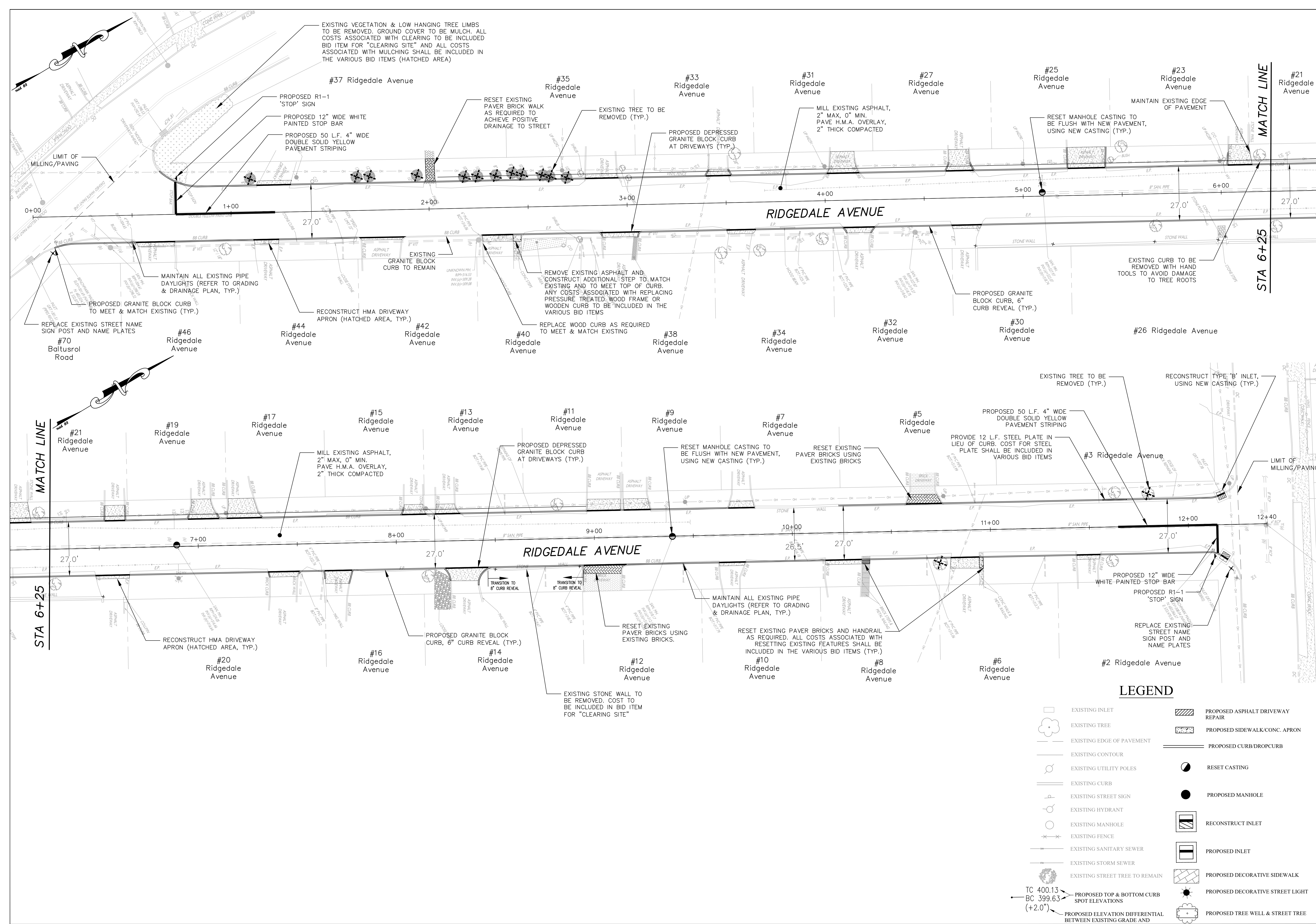
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1 OF 8





LEGEND

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|--|--|--|----------------------------------|
|  | EXISTING INLET   |  | PROPOSED ASPHALT DRIVEWAY REPAIR |
|  | EXISTING TREE  |  | PROPOSED SIDEWALK/CONC. APRON    |
|  | EXISTING EDGE OF PAVEMENT                                  |  | PROPOSED CURB/DROPCURB           |
|  | EXISTING CONTOUR   |  | RESET CASTING                    |
|  | EXISTING UTILITY POLES                                     |  | PROPOSED MANHOLE                 |
|  | EXISTING CURB  |  | RECONSTRUCT INLET                |
|  | EXISTING STREET SIGN                                       |  | PROPOSED INLET                   |
|  | EXISTING HYDRANT   |  | PROPOSED DECORATIVE SIDEWALK     |
|  | EXISTING MANHOLE   |  | PROPOSED DECORATIVE STREET LIGHT |
|  | EXISTING FENCE   |  | PROPOSED TREE WELL & STREET TREE |
|  | EXISTING SANITARY SEWER                                    |  |                                  |
|  | EXISTING STORM SEWER                                       |  |                                  |
|  | EXISTING STREET TREE TO REMAIN                             |  |                                  |
|  | PROPOSED TOP & BOTTOM CURB SPOT ELEVATIONS                 |  |                                  |
|  | PROPOSED ELEVATION DIFFERENTIAL BETWEEN EXISTING GRADE AND |  |                                  |

REVISIONS	
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RIDGEDALE AVENUE & COLONIAL ROAD IMPROVEMENT PROJECT  
ENTIRE LENGTH  
CONSTRUCTION PLAN FOR RIDGEDALE AVENUE

CITY OF SUMMIT UNION CO., N.J.  
DIVISION OF ENGINEERING  
DEPARTMENT OF COMMUNITY SERVICES  
512 SPRINGFIELD AVENUE  
SUMMIT, NJ 07901  
UNION COUNTY

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CITY OF SUMMIT  
UNION COUNTY NEW JERSEY

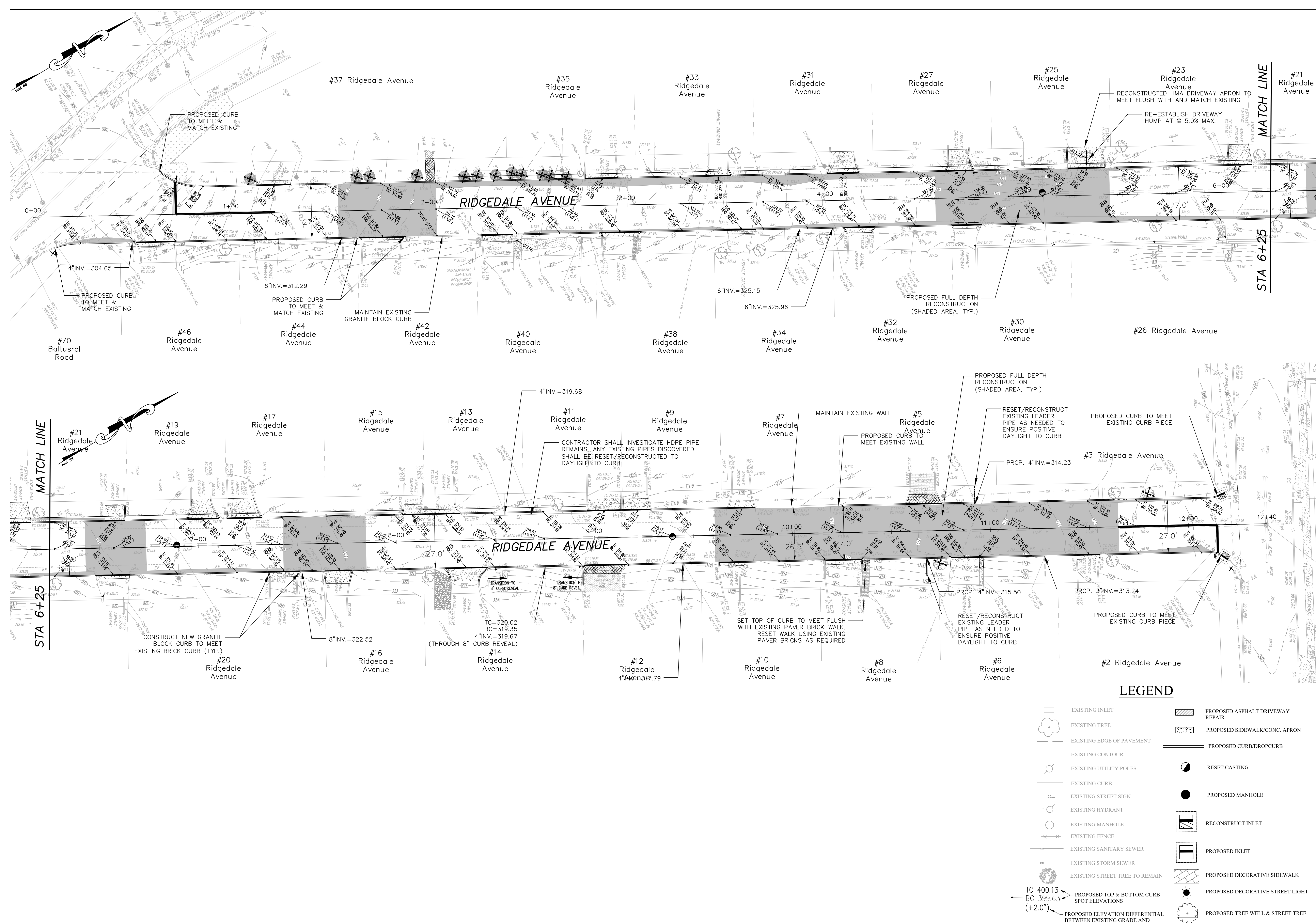
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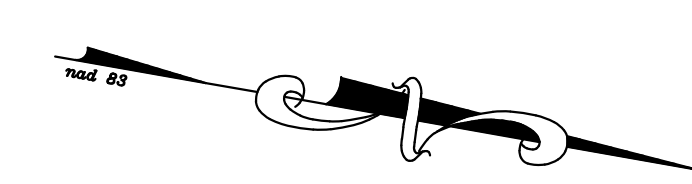
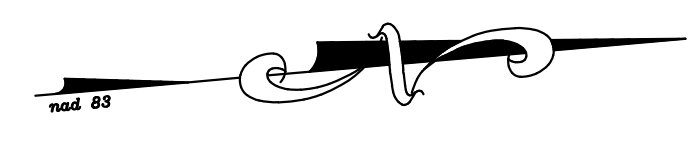
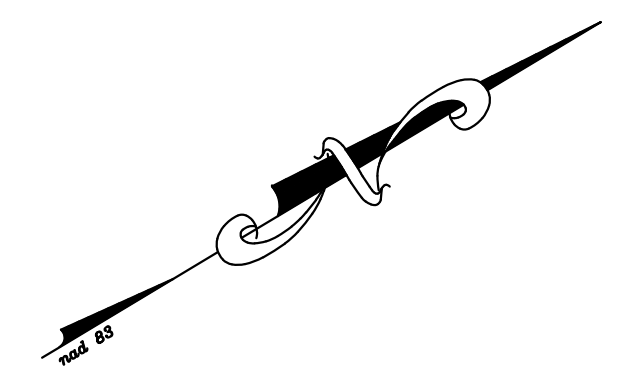
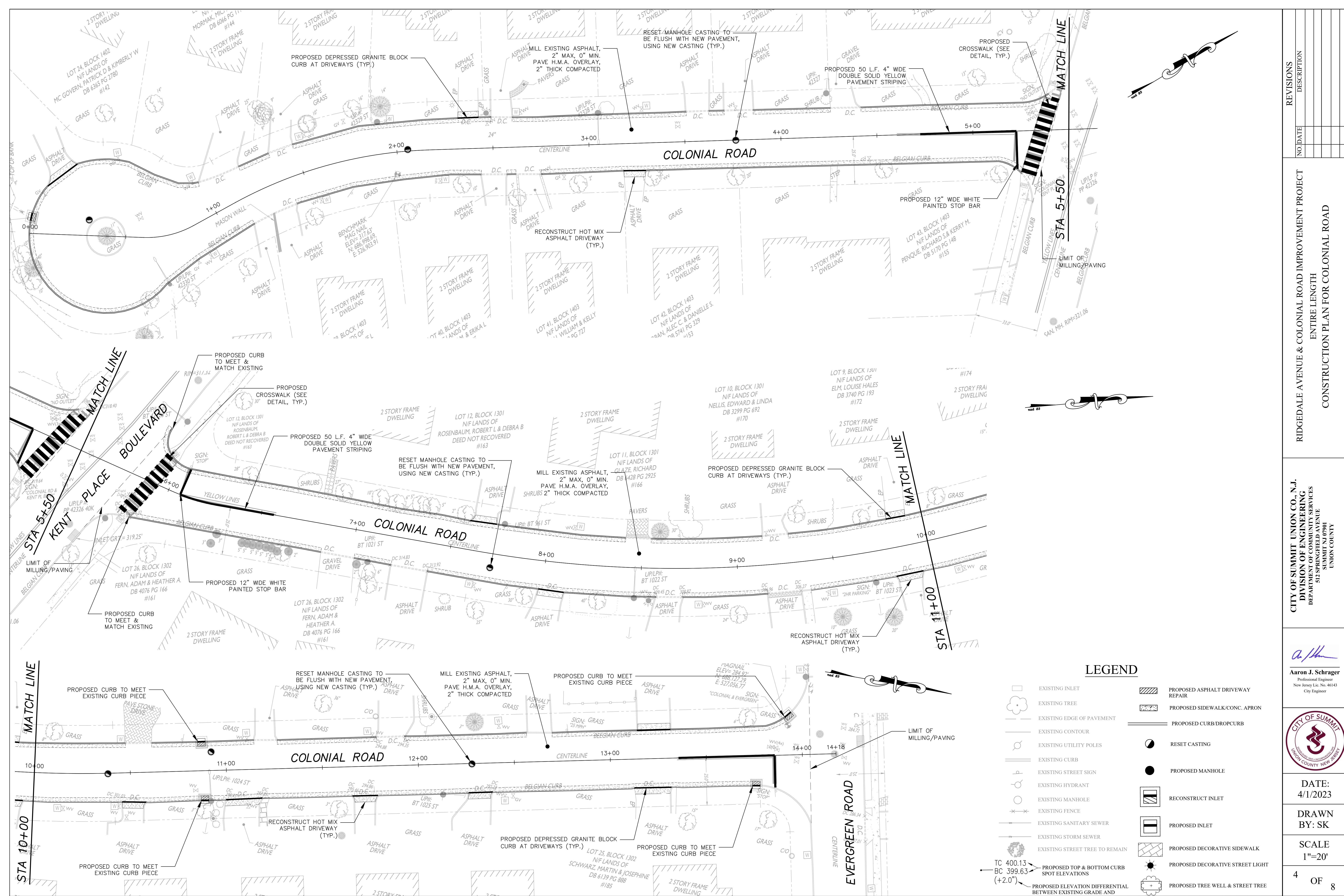


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|--|--|--|----------------------------------|
|  | EXISTING INLET   |  | PROPOSED ASPHALT DRIVEWAY REPAIR |
|  | EXISTING TREE  |  | PROPOSED SIDEWALK/CONC. APRON    |
|  | EXISTING EDGE OF PAVEMENT                                  |  | PROPOSED CURB/DROPCURB           |
|  | EXISTING CONTOUR   |  | RESET CASTING                    |
|  | EXISTING UTILITY POLES                                     |  | PROPOSED MANHOLE                 |
|  | EXISTING CURB  |  | RECONSTRUCT INLET                |
|  | EXISTING STREET SIGN                                       |  | PROPOSED INLET                   |
|  | EXISTING HYDRANT   |  | PROPOSED DECORATIVE SIDEWALK     |
|  | EXISTING MANHOLE   |  | PROPOSED DECORATIVE STREET LIGHT |
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|  | PROPOSED TOP & BOTTOM CURB SPOT ELEVATIONS                 |  |                                  |
|  | PROPOSED ELEVATION DIFFERENTIAL BETWEEN EXISTING GRADE AND |  |                                  |

REVISIONS	NO DATE				
	DESCRIPTION				
RIDGEDALE AVENUE & COLONIAL ROAD IMPROVEMENT PROJECT					
ENTIRE LENGTH					
GRADING & DRAINAGE PLAN FOR RIDGEDALE AVENUE					
CITY OF SUMMIT UNION CO., N.J.					
DIVISION OF ENGINEERING					
DEPARTMENT OF COMMUNITY SERVICES					
512 SPRINGFIELD AVENUE					
SUMMIT NJ 07901					
UNION COUNTY					
Aaron J. Schragger					
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3 OF 8					



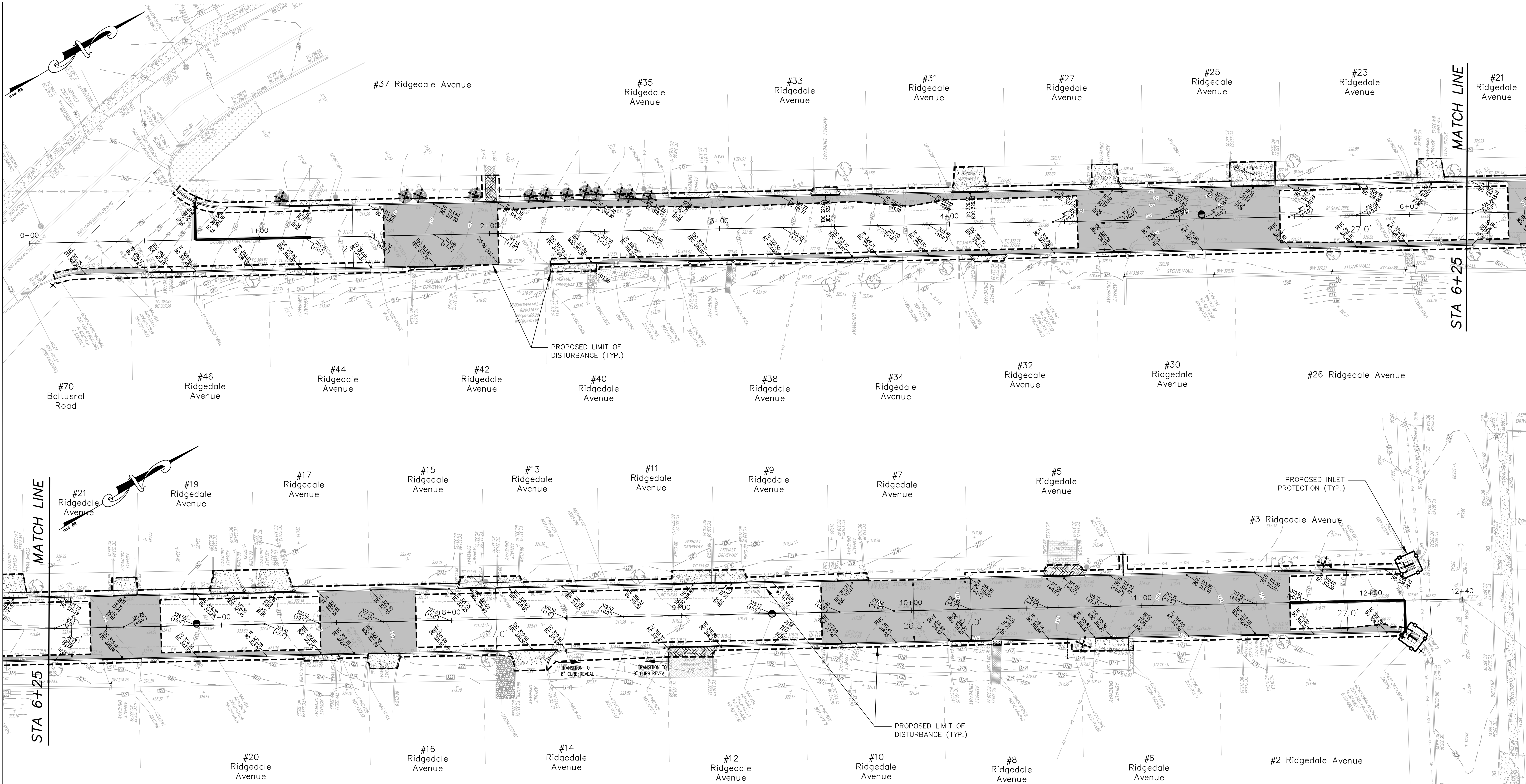


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|--|--|--|----------------------------------|
|  | EXISTING INLET   |  | PROPOSED ASPHALT DRIVEWAY REPAIR |
|  | EXISTING TREE  |  | PROPOSED SIDEWALK/CONC. APRON    |
|  | EXISTING EDGE OF PAVEMENT                                  |  | PROPOSED CURB/DROPCURB           |
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REVISIONS	
NO	DATE
RIDGEDALE AVENUE & COLONIAL ROAD IMPROVEMENT PROJECT ENTIRE LENGTH CONSTRUCTION PLAN FOR COLONIAL ROAD	
CITY OF SUMMIT UNION CO., N.J. DIVISION OF ENGINEERING DEPARTMENT OF COMMUNITY SERVICES 512 SPRINGFIELD AVENUE SUMMIT, N.J. 07901 UNION COUNTY	
 Aaron J. Schragger Professional Engineer New Jersey Lic. No. 46143 City Engineer	
 CITY OF SUMMIT UNION COUNTY NEW JERSEY	
DATE: 4/1/2023	
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4	OF 8





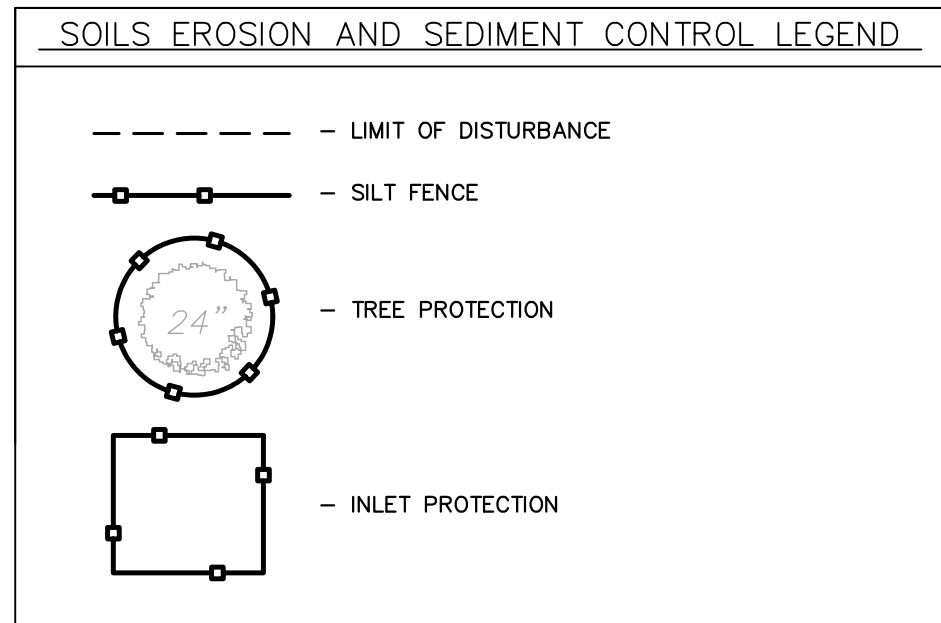
SOILS MAP  
SCALE: 1"=150'  
MAP SOURCED FROM USDA WEB SOIL SURVEY  
THE SITE IS MADE UP OF:  
BouD (BOONTON-URBAN LAND COMPLEX, 15 TO 25 PERCENT SLOPES)  
BowB (BOONTON-URBAN LAND COMPLEX, TERMINAL MORAINES, 0 TO 8 PERCENT SLOPES)

TOTAL PROJECT AREA OF DISTURBANCE  
(INCLUDES RIDGEDALE AVENUE & COLONIAL ROAD)  
AREA =32,325 SF OR 0.74 ACRES

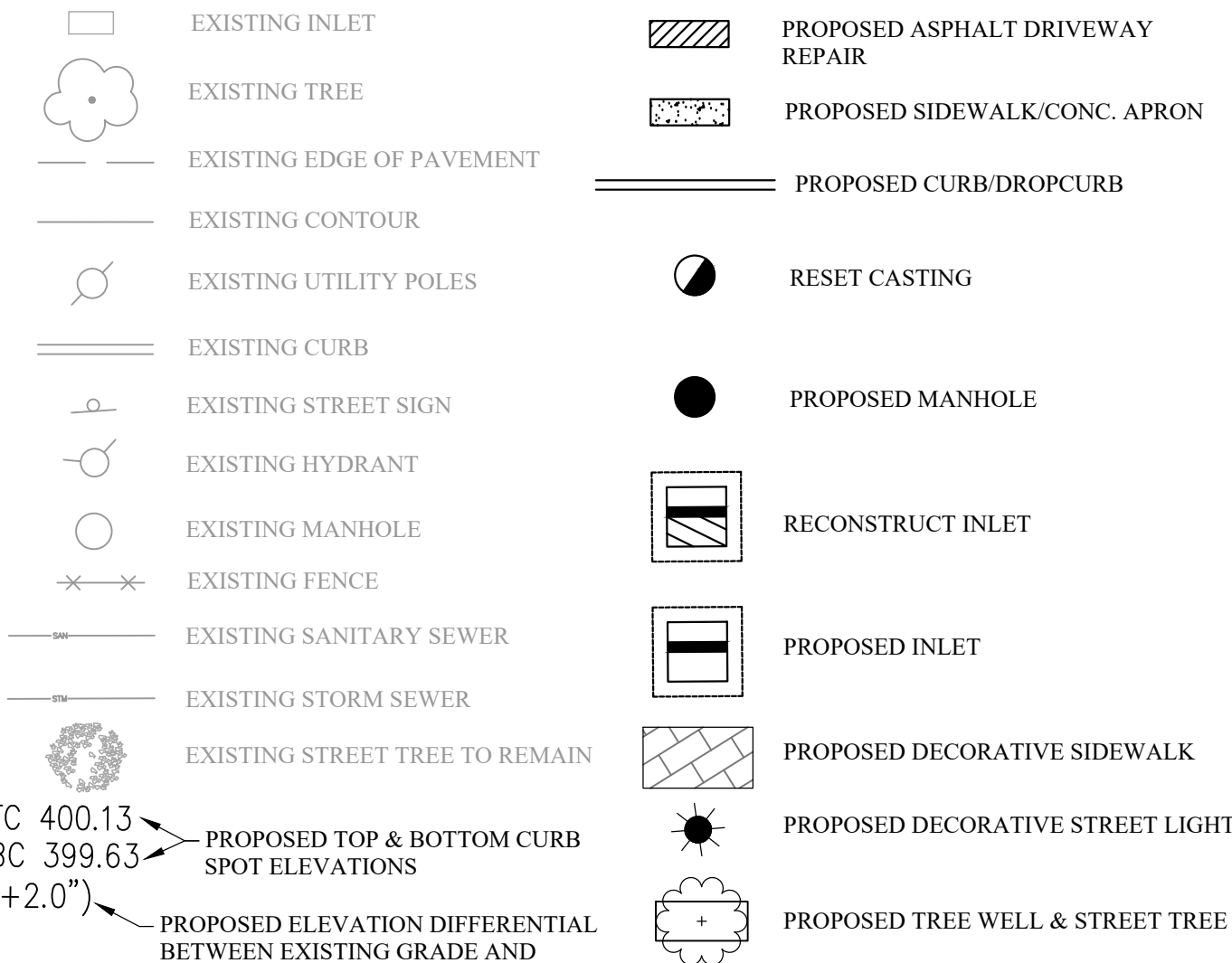
PROJECT EXEMPTIONS:

1. THIS PROJECT IS EXEMPT FROM SOIL COMPACTION TESTING REQUIREMENTS BECAUSE IT IS WITHIN URBAN REDEVELOPMENT ZONE PA-1 AND IS PREVIOUSLY DEVELOPED.

1. THIS PLAN IS TO BE USED FOR SOIL EROSION AND SEDIMENT CONTROL PURPOSES ONLY.
2. STREET SWEEPING TO BE IMPLEMENTED ON ADJACENT ROADWAYS IF REQUIRED TO MAINTAIN SOIL AND DUST FREE CONDITION.



LEGEND



REVISIONS	
NO.	DATE

RIDGEDALE AVENUE & COLONIAL ROAD IMPROVEMENT PROJECT  
ENTIRE LENGTH  
SOIL EROSION & SEDIMENT CONTROL PLAN  
FOR RIDGEDALE AVENUE

CITY OF SUMMIT UNION CO., N.J.  
DIVISION OF ENGINEERING  
DEPARTMENT OF COMMUNITY SERVICES  
512 SPRINGFIELD AVENUE  
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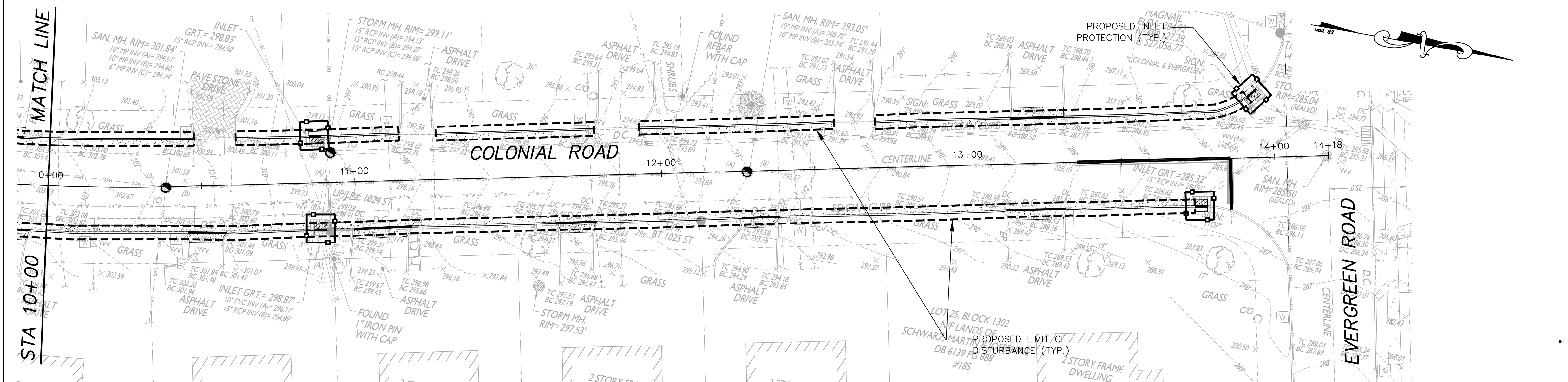
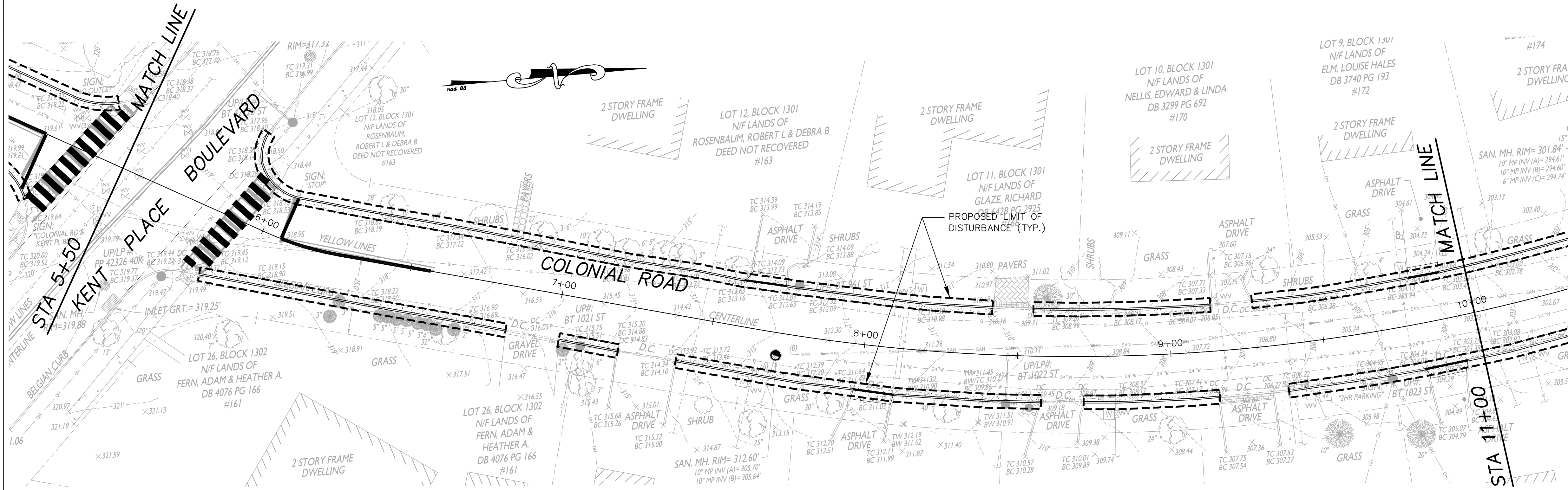
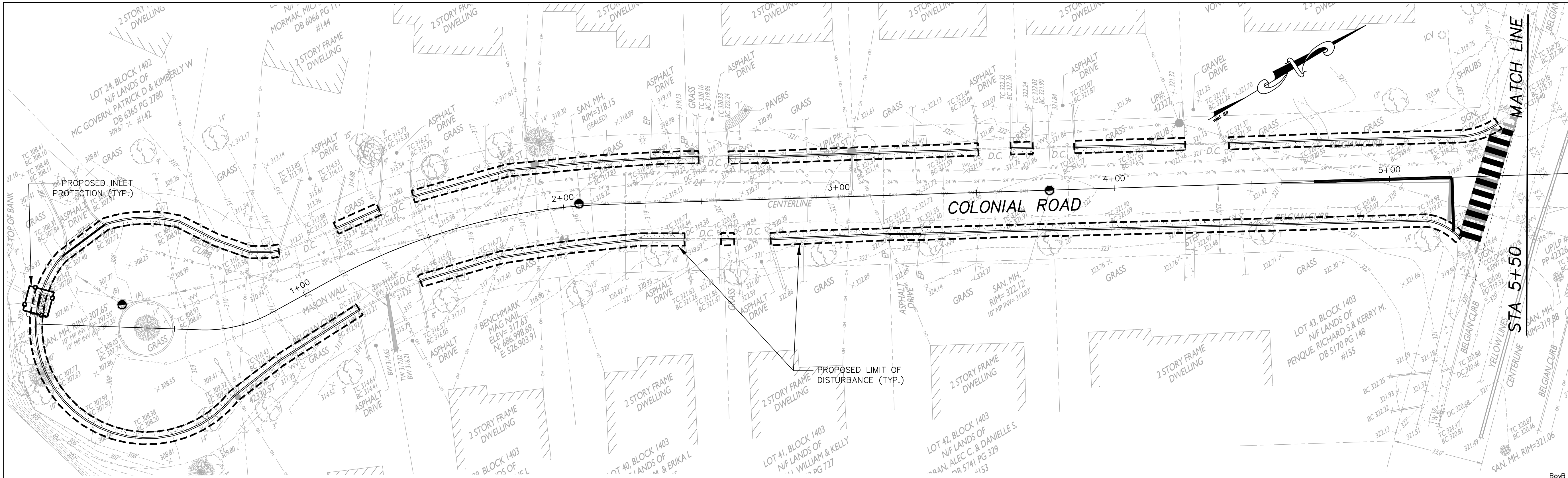
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SCALE  
1"=20'

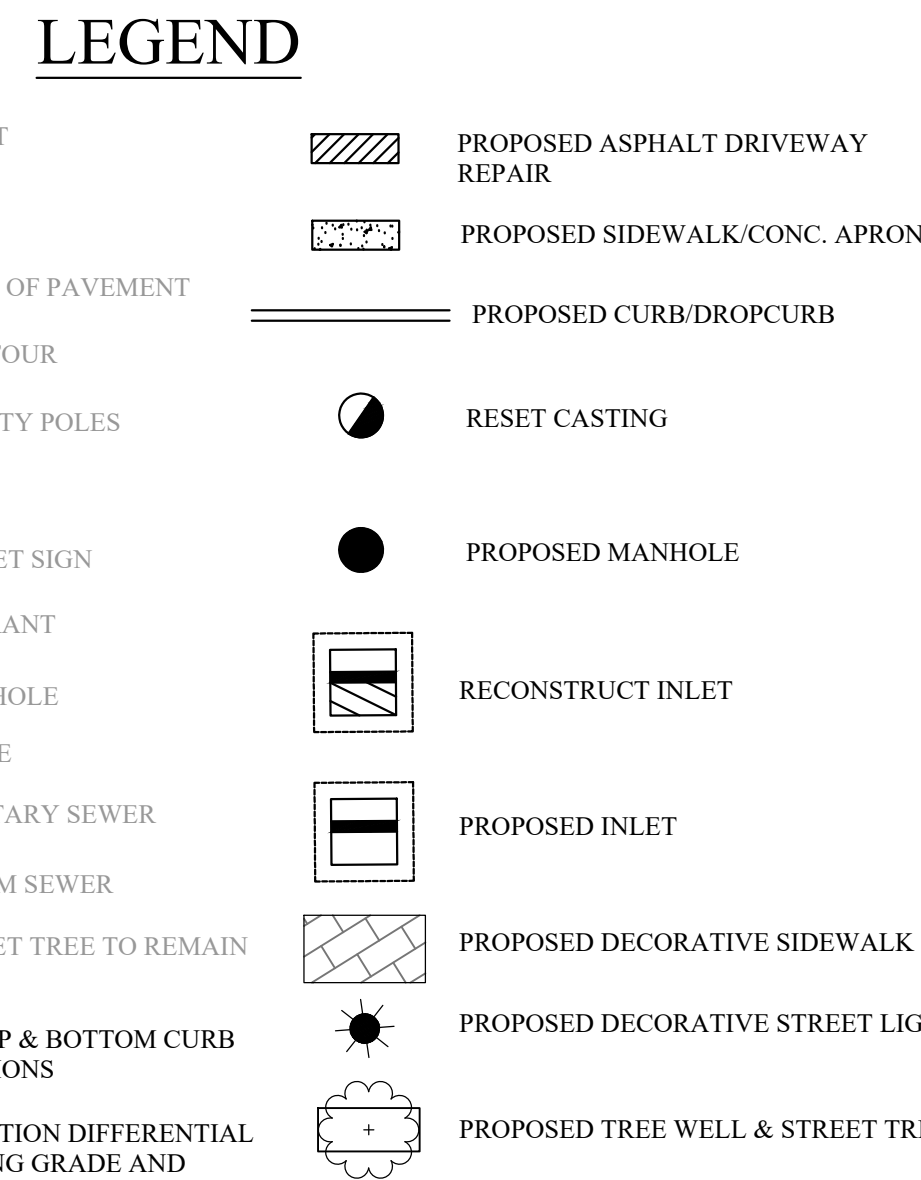
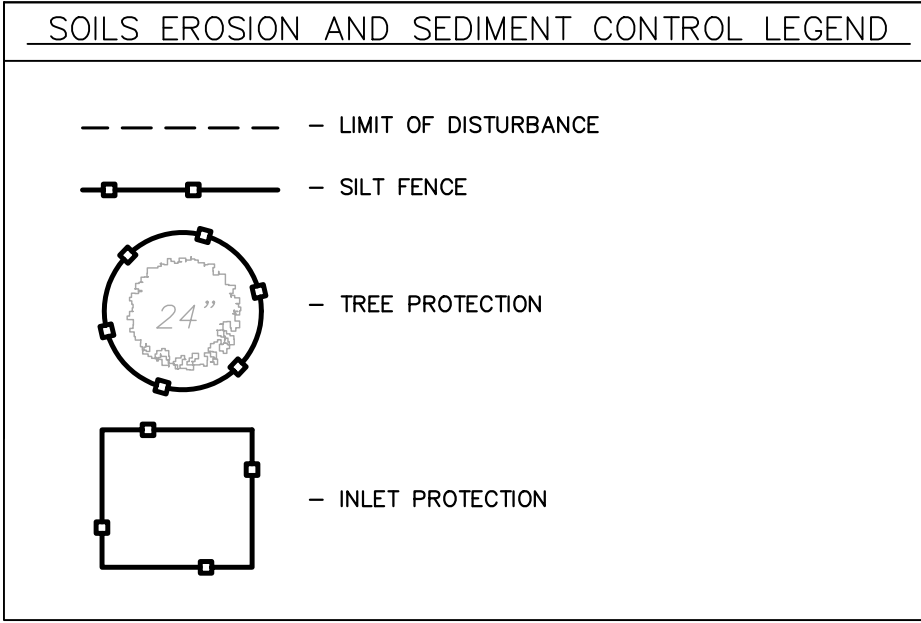
5 OF 8





**SOILS MAP**  
SCALE: 1"=20'  
MAP SOURCED FROM USDA WEB SOIL SURVEY  
THE SITE IS MADE UP OF:  
BoB (BOONTON-URBAN LAND-HALEDON COMPLEX, 0 TO 8 PERCENT SLOPES)  
HakB (HALEDON LOAM, 3 TO 8 PERCENT SLOPES)  
HatB (HALEDON-URBAN LAND-HASBROUCK COMPLEX, 0 TO 8 PERCENT SLOPES)

1. THIS PLAN IS TO BE USED FOR SOIL EROSION AND SEDIMENT CONTROL PURPOSES ONLY.
2. STREET SWEEPING TO BE IMPLEMENTED ON ADJACENT ROAD WAYS IF REQUIRED TO MAINTAIN SOIL AND DUST FREE CONDITION.



REVISIONS	
NO.	DATE

RIDGEDALE AVENUE & COLONIAL ROAD IMPROVEMENT PROJECT

ENTIRE LENGTH

SOIL EROSION & SEDIMENT CONTROL PLAN

COLONIAL ROAD

CITY OF SUMMIT UNION CO., N.J.  
DIVISION OF ENGINEERING  
DEPARTMENT OF COMMUNITY SERVICES  
512 SPRINGFIELD AVENUE  
SUMMIT NJ 07901  
UNION COUNTY

*A. J. Schrager*  
Aaron J. Schrager  
Professional Engineer  
New Jersey Lic. No. 46143  
City Engineer

CITY OF SUMMIT  
UNION COUNTY NEW JERSEY

DATE:  
4/1/2023

DRAWN  
BY: SK

SCALE  
1"=20'

6 OF 8











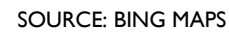
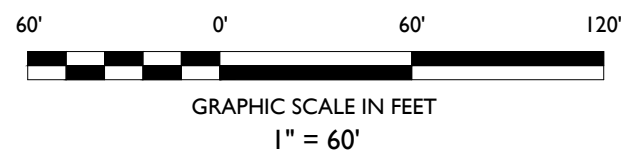
1. THIS SURVEY AND THE BOUNDARIES SHOWN HEREON ARE THE RESULT OF AN ACTUAL FIELD SURVEY PERFORMED DURING APRIL OF 2022, SUPPLEMENTED DURING MARCH OF 2023 FOR ANY UNAVAILABLE MAPS AND PHYSICAL EVIDENCE. THIS SURVEY IS SUBJECT TO ALL EASEMENTS, RIGHTS OF WAYS AND AGREEMENTS OF RECORD THAT A TITLE SEARCH MAY DISCLOSE.
2. THIS SURVEY IS VALID ONLY WHEN A DIGITAL OR EMBOSSED SEAL IS AFFIXED HERETO.
3. THE CERTIFICATION SHOWN HEREON IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
4. ANY SUBSURFACE UTILITIES SHOWN HAVE BEEN LOCATED FROM MARKOUTS OBSERVED ON SITE DURING THE FIELD SURVEY, AND SURFACE FEATURES SUCH AS VALVES, MANHOLES AND GRATES, STORM DRAINAGE AND/OR SANITARY INVERTS ARE DEPICTED BASED ON OBSERVATIONS MADE IN THE FIELD. THE SURVEYOR MAKES NO GUARANTEES OR WARRANTIES OF ANY KIND, BUT DOES COMPREHEND 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 THEY ARE LOCATED ACCURATELY AS POSSIBLE FROM THE FIELD SURVEY USED. REPAIRS TO ANY UTILITY LOCATED BY THE UTILITIES, BEFORE ANY EXCAVATIONS ARE BEGUN, THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.
5. BEARINGS ARE REFERENCED TO THE NEW JERSEY STATE PLANE COORDINATE SYSTEM (NAD83). ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83), ESTABLISHED VIA RTK GPS OBSERVATIONS.
6. BENCHMARK = MAG NAIL = 301.69' (NAVD83).  
BENCHMARK = MAG NAIL = 308.04' (NAVD83).
7. BASEMENT OR BELOW GRADE STRUCTURES (IF ANY) UNKNOWN.

I. DIGITAL TAX MAP OF THE CITY OF SUMMIT, UNION COUNTY, NEW JERSEY, DATED: APRIL 2012. BASED ON THE TAX MAPS OF THE CITY OF SUMMIT, UNION COUNTY, NEW JERSEY, DATED OCTOBER 1, 1990.

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE X (AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) OF THE FLOOD INSURANCE RATE MAP, COMMUNITY NO. 340476, MAP NUMBER 34039C009F WHICH BEARS AN EFFECTIVE DATE OF 9/20/2006.



BULBING  
 CONCRETE SIDEWALK / MAT  
 ASPHALT / CONCRETE CURB  
 DEPRESSION CURB  
 PROPERTY LINE  
 ADJACENT PROPERTY LINE  
 CHAIN LINK FENCE  
 BOARD ON BOARD FENCE  
 GUIDE RAIL  
 MAST ARM LIGHT POLE  
 POLE  
 LIGHT POLE  
 SIGNS  
 WATER VALVE  
 GAS VALVE  
 FIRE HYDRANT  
 DRAIN  
 INLET  
 MAN HOLE  
 BOLLARDS  
 MONITORING WELL  
 VENT  
 SHIMMER CONNECTION  
 FIRE DEPARTMENT CONNECTION  
 BOX (ELEC. GAS ETC)  
 EDGE OF PAVEMENT  
 OVERHEAD WIRE  
 UNDERGROUND GAS LINE  
 UNDERGROUND WATER LINE  
 UNDERGROUND ELEC LINE  
 MAJOR CONTOUR  
 MINOR CONTOUR  
 GRADE SPOT SHOT  
 TOP OF CURB SHOT  
 BOTTOM OF CURB SHOT  
 TOP OF WALL SHOT  
 BOTTOM OF WALL SHOT  
 HANDICAP PARKING  
 LANDSCAPING  
 PAY METER  
 ELEC METER  
 GAS METER  
 WATER METER  
 AIR CONDITIONING UNIT  
 DECIDUOUS TREE - DIAMETER NOTED  
 CONIFEROUS TREE - DIAMETER NOTED  
 BIKE RACK  
 CLEAN OUT  
 SURVEY MONUMENT  
 IRON PIN  
 BENCH MARK  
 DETECTABLE WARNING STRIP



NOT TO SCALE



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Phone 201.340.4468 · Fax 201.340.4472

**SURVEY OF:**

**RIDGEDALE AVENUE  
CITY OF SUMMIT  
COUNTY OF UNION, STATE OF NEW JERSEY**

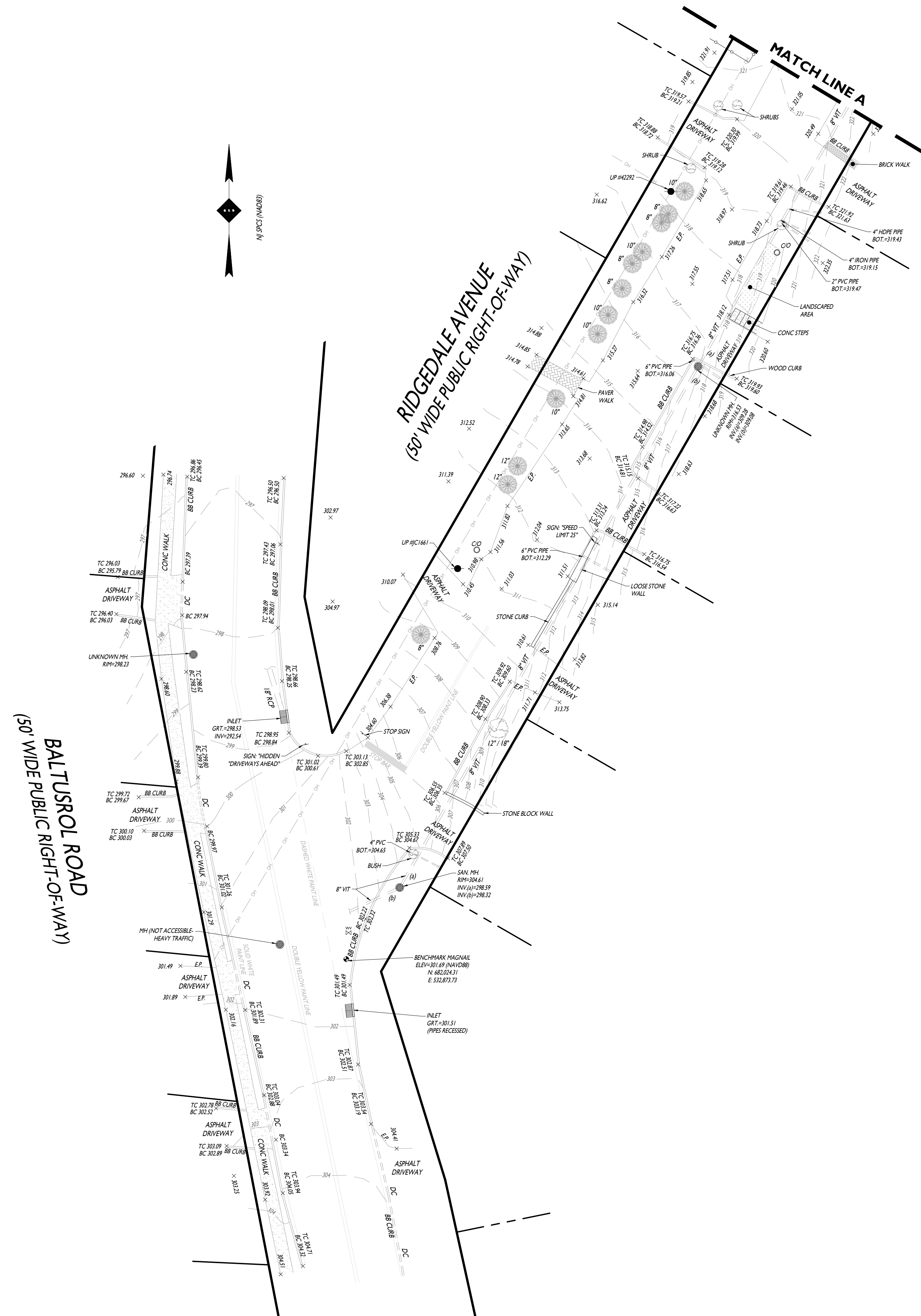
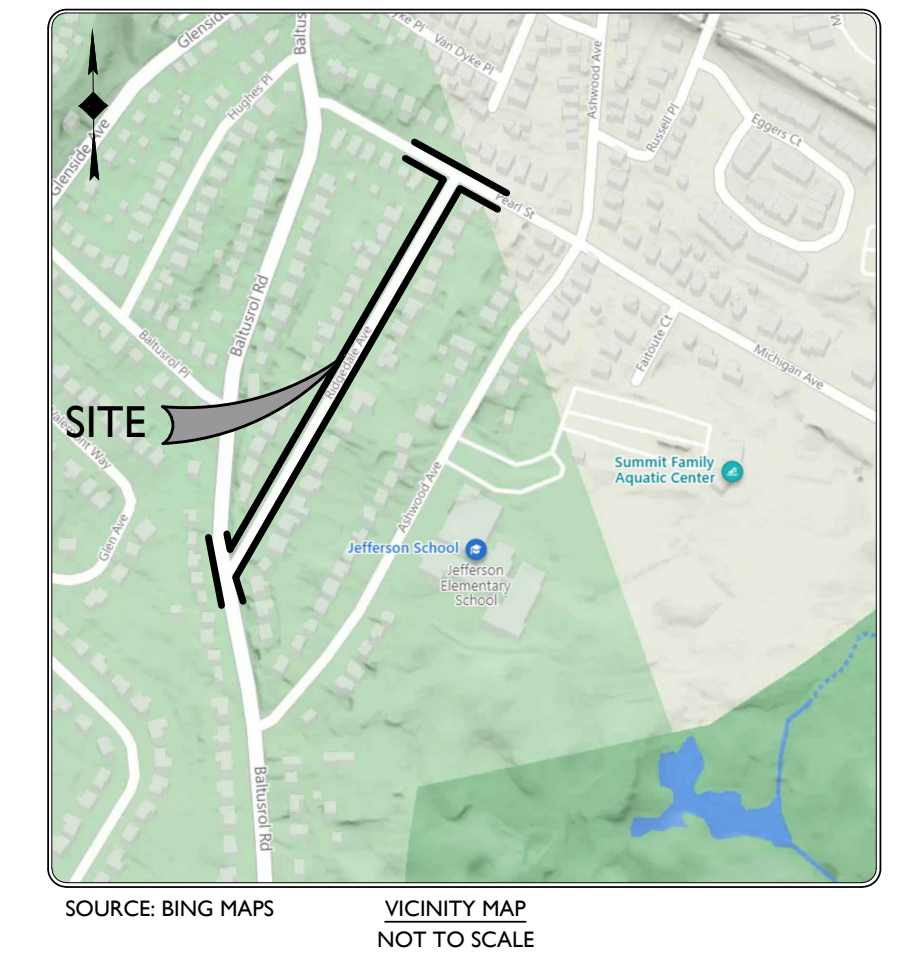
2	03/23/2023	PL	TR	03/03/2023	GY	REV. ADDITIONAL FIELD WORK
1	05/31/2022	PL	MS	04/11/2022	JD	FOR ISSUE
ISSUE	DATE	DRAFT BY	CHECK BY	FIELD DATE	FIELD CREW	DESCRIPTION

SUBJECT TO RESTRICTIONS, EASEMENTS OF RECORD AND OTHER FACTS WHICH A CURRENT TITLE SEARCH MIGHT DISCLOSE.

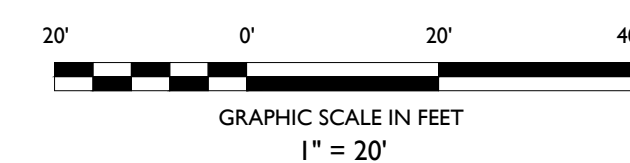
**THOMAS F. MILLER**  
NEW JERSEY LAND SURVEYOR No. 24GS03626400  
LICENSED PROFESSIONAL LAND SURVEYOR  
NEW JERSEY CERTIFICATE OF AUTHORIZATION No. 24GA28184500

**SCALE:** 1"=60'   **PROJECT ID:** RUT-220009.04   **SHEET:** 1 OF 5

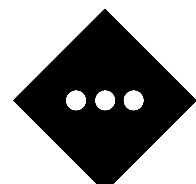




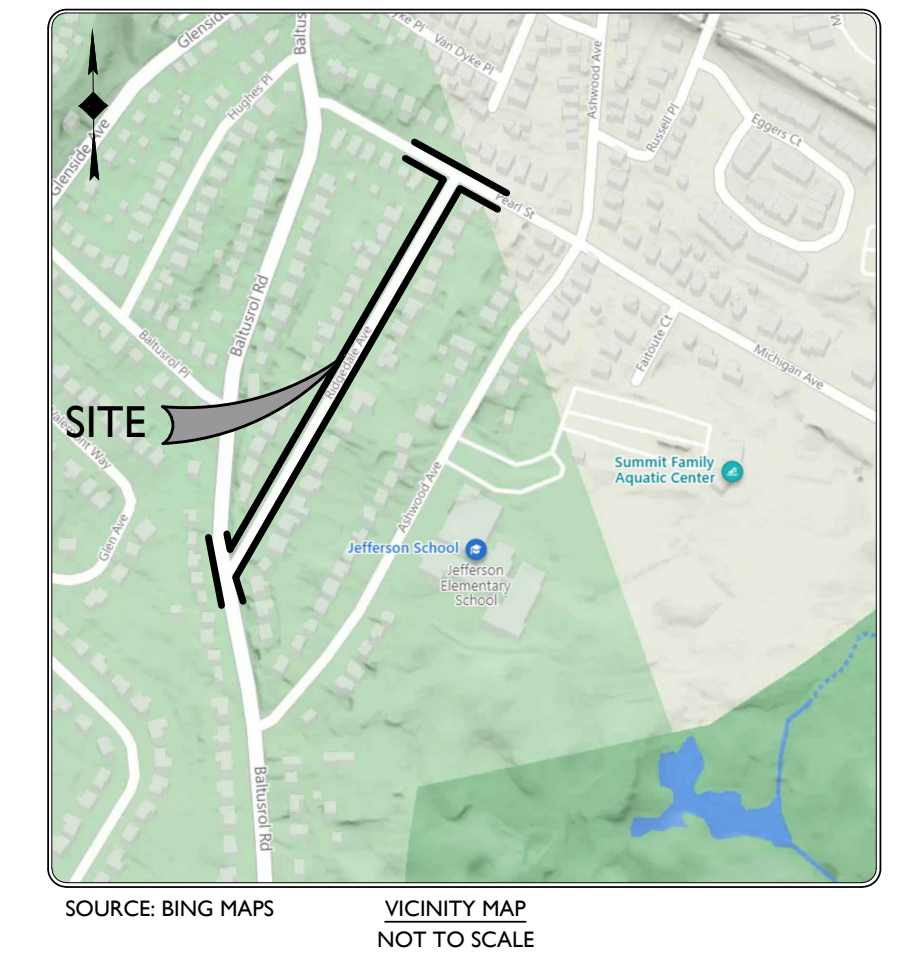
SYMBOL	DESCRIPTION
	BUILDING
	CONCRETE SIDEWALK / MAT
	ASPHALT / CONCRETE CURB
	DEPRESSED CURB
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	CHAIN LINK FENCE
	BOARD-ON-BOARD FENCE
	GUIDE RAIL
	MAST ARM LIGHT POLE
	POLE
	LIGHT POLE
	SIGNS
	WATER VALVE
	GAS VALVE
	FIRE HYDRANT
	DRAIN
	INLET
	MAN HOLE
	BOLLARDS
	MONITORING WELL
	VENT
	SIAMESE CONNECTION
	FIRE DEPARTMENT CONNECTION
	BOX (ELEC. GAS ETC)
	EDGE OF PAVEMENT
	OVERHEAD WIRE
	UNDERGROUND GAS LINE
	UNDERGROUND WATER LINE
	UNDERGROUND ELEC LINE
	MAJOR CONTOUR
	MINOR CONTOUR
	GRADE SPOT SHOT
	TOP OF CURB SHOT
	BOTTOM OF CURB SHOT
	TOP OF WALL SHOT
	BOTTOM OF WALL SHOT
	HANDICAP PARKING
	LANDSCAPING
	PAY METER
	ELEC METER
	GAS METER
	WATER METER
	AIR CONDITIONING UNIT
	DECIDUOUS TREE - DIAMETER NOTED
	CONIFEROUS TREE - DIAMETER NOTED
	BIKE RACK
	CLEAN OUT
	SURVEY MONUMENT
	IRON PIN
	BENCH MARK
	DETECTABLE WARNING STRIP



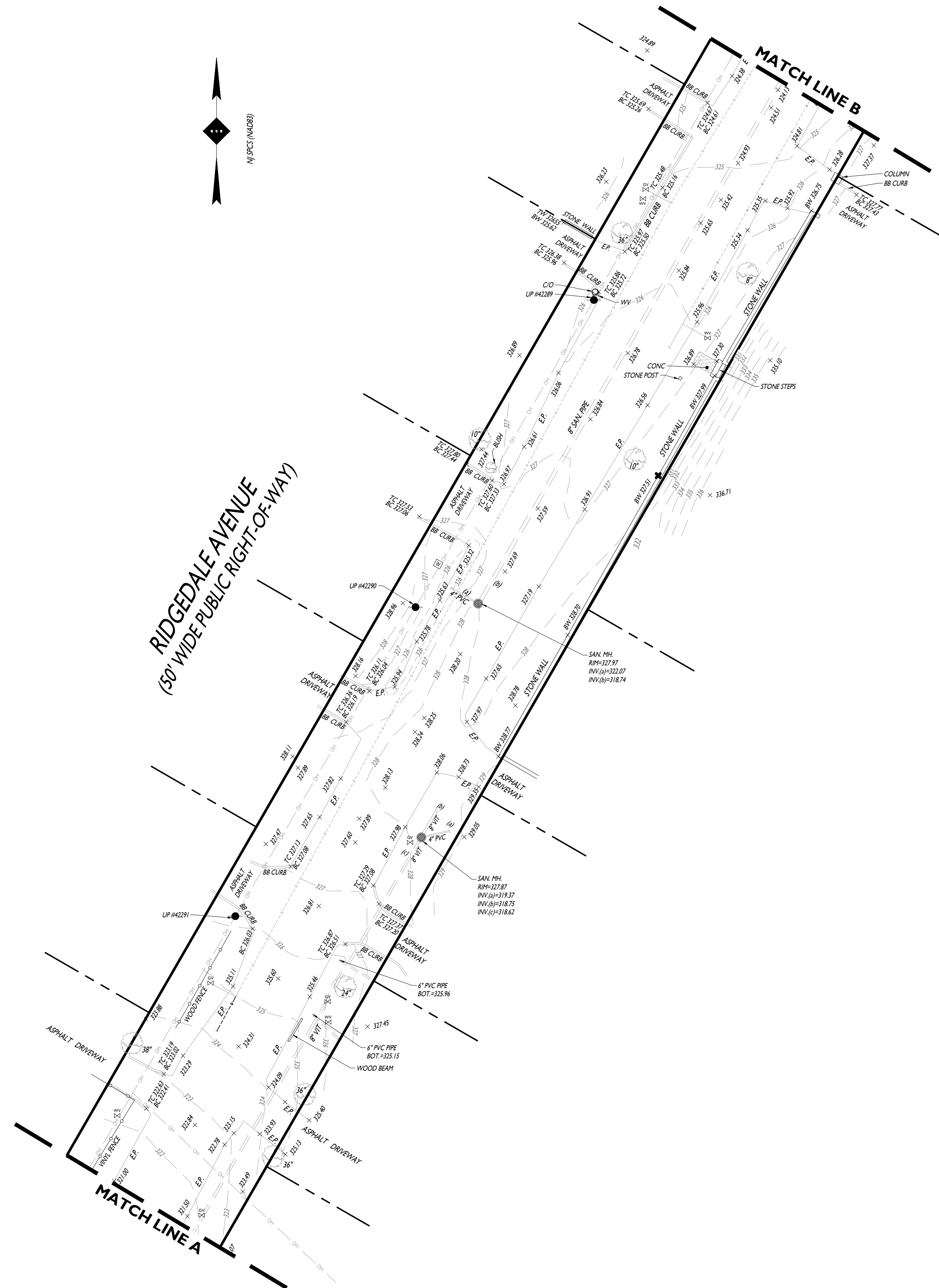
Z:\817\PERFOR\170023\BLT-220039-04 CITY OF SUMMIT - RIDGEDALE AVE. SUMMIT, NJ SURVEYING\CADD\BLT-220039-04 REV2.DWG

<div><div><b>STONEFIELD</b> engineering &amp; design</div></div> <div>Rutherford, NJ · New York, NY Princeton, NJ · Tampa, FL · Detroit, MI www.stonefieldeng.com</div> <div>Headquarters: 92 Park Avenue, Rutherford, NJ 07070 Phone 201.340.4468 · Fax 201.340.4472</div>							
ROUTE SURVEY							
SURVEY OF:							
RIDGEDALE AVENUE CITY OF SUMMIT COUNTY OF UNION, STATE OF NEW JERSEY							
2	03/23/2023	PL	TR	03/03/2023	GY	REV. ADDITIONAL FIELD WORK	
1	05/31/2022	PL	MS	04/11/2022	JD	FOR ISSUE	
ISSUE	DATE	DRAFT BY	CHECK BY	FIELD DATE	FIELD CREW	DESCRIPTION	
SUBJECT TO RESTRICTIONS, EASEMENTS OF RECORD AND OTHER FACTS WHICH A CURRENT TITLE SEARCH MIGHT DISCLOSE.							
<div>THOMAS F. MILLER</div> <div>NEW JERSEY LAND SURVEYOR No. 24GS03626400</div> <div>LICENSED PROFESSIONAL LAND SURVEYOR</div> <div>NEW JERSEY CERTIFICATE OF AUTHORIZATION No. 24GA28184500</div>							
SCALE: 1"=20'		PROJECT ID: RUT-220009.04			SHEET: 2 OF 5		

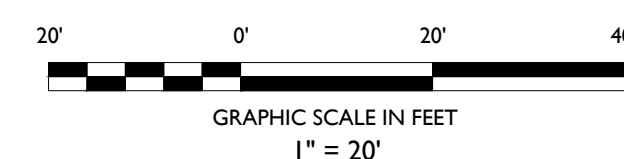


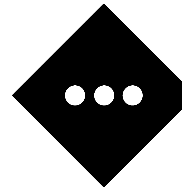


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SYMBOL	DESCRIPTION
	BUILDING
	CONCRETE SIDEWALK / MAT
	ASPHALT / CONCRETE CURB
	DEPRESSED CURE
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	CHAIN LINK FENCE
	BOARD-ON-BOARD FENCE
	GUIDE RAIL
	MAST ARM LIGHT POLE
	POLE
	LIGHT POLE
	SIGNS
	WATER VALVE
	GAS VALVE
	FIRE HYDRANT
	DRAIN
	INLET
	MAN HOLE
	BOLLARDS
	MONITORING WELL
	VENT
	SIAMSE CONNECTION
	FIRE DEPARTMENT CONNECTION
	BOX (ELEC. GAS ETC)
	EDGE OF PAVEMENT
	OVERHEAD WIRE
	UNDERGROUND GAS LINE
	UNDERGROUND WATER LINE
	UNDERGROUND ELEC LINE
	MAJOR CONTOUR
	MINOR CONTOUR
	GRADE SPOT SHOT
	TOP OF CURB SHOT
	BOTTOM OF CURB SHOT
	TOP OF WALL SHOT
	BOTTOM OF WALL SHOT
	HANDICAP PARKING
	LANDSCAPING
	PAY METER
	ELEC METER
	GAS METER
	WATER METER
	AIR CONDITIONING UNIT
	DECIDUOUS TREE - DIAMETER NOTED
	CONIFEROUS TREE - DIAMETER NOTED
	BIKE RACK
	CLEAN OUT
	SURVEY MONUMENT
	IRON PIN
	BENCH MARK
	DETECTABLE WARNING STRIP





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ROUTE SURVEY

SURVEY OF:

RIDGEDALE AVENUE  
CITY OF SUMMIT  
COUNTY OF UNION, STATE OF NEW JERSEY

2	03/23/2023	PL	TR	03/03/2023	GY	REV. ADDITIONAL FIELD WORK
1	05/31/2022	PL	MS	04/11/2022	JD	FOR ISSUE
ISSUE	DATE	DRAFT BY	CHECK BY	FIELD DATE	FIELD CREW	DESCRIPTION

SUBJECT TO RESTRICTIONS, EASEMENTS OF RECORD AND OTHER FACTS WHICH A CURRENT TITLE SEARCH MIGHT DISCLOSE.

THOMAS F. MILLER

NEW JERSEY LAND SURVEYOR No. 24GS03626400

LICENSED PROFESSIONAL LAND SURVEYOR

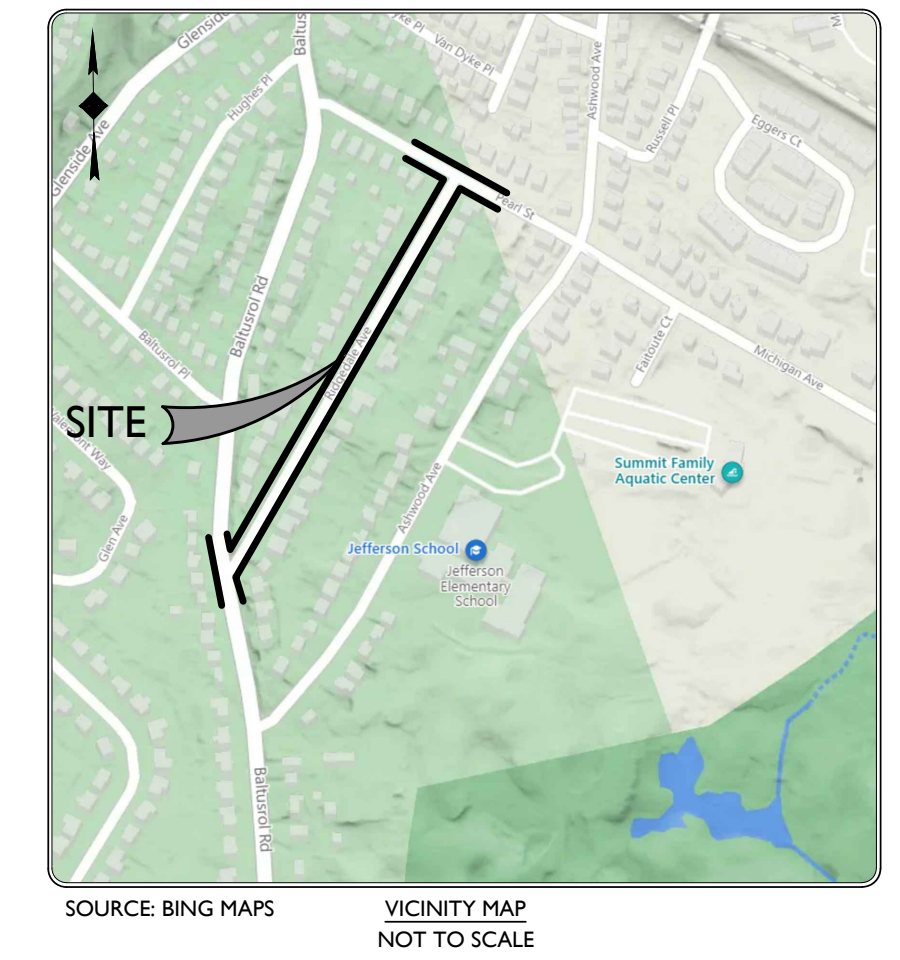
NEW JERSEY CERTIFICATE OF AUTHORIZATION No. 24GA28184500

SCALE: 1"=20'

PROJECT ID: RUT-220009.04

SHEET: 3 OF 5





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## ROUTE SURVEY

**SURVEY OF:**

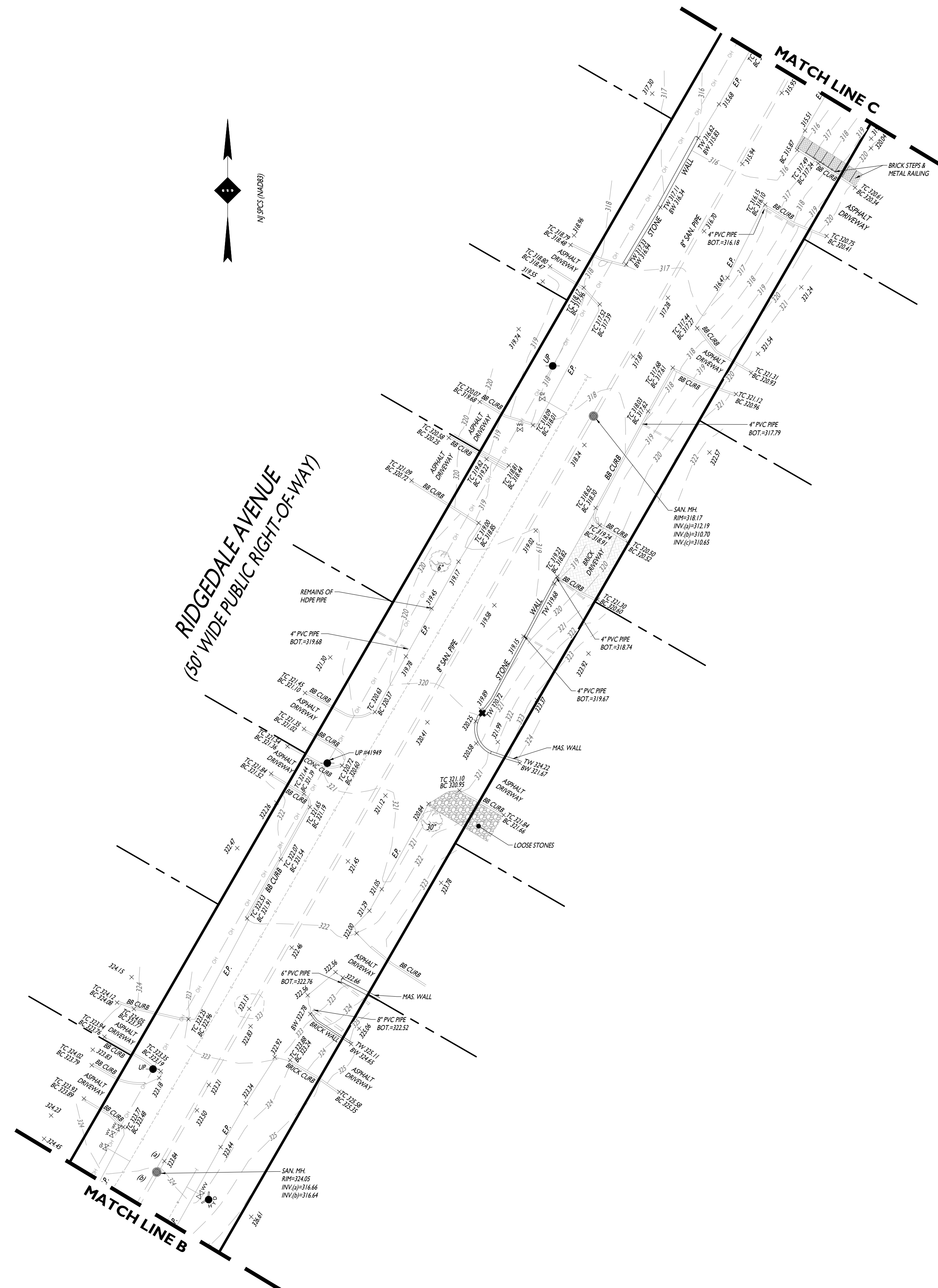
RIDGEDALE AVENUE  
CITY OF SUMMIT  
COUNTY OF UNION, STATE OF NEW JERSEY

2	03/23/2023	PL	TR	03/03/2023	GY	REV. ADDITIONAL FIELD WORK
I	05/31/2022	PL	MS	04/11/2022	JD	FOR ISSUE
ISSUE	DATE	DRAFT BY	CHECK BY	FIELD DATE	FIELD CREW	DESCRIPTION

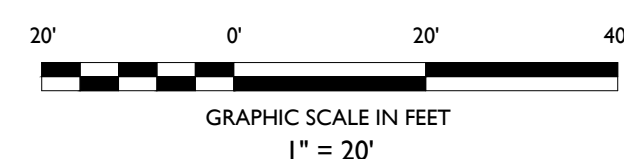
SUBJECT TO RESTRICTIONS, EASEMENTS OF RECORD AND OTHER FACTS WHICH A CURRENT TITLE SEARCH MIGHT DISCLOSE.

THOMAS F. MILLER  
NEW JERSEY LAND SURVEYOR No. 24GS03626400  
LICENSED PROFESSIONAL LAND SURVEYOR  
NEW JERSEY CERTIFICATE OF AUTHORIZATION No. 24GA28184500

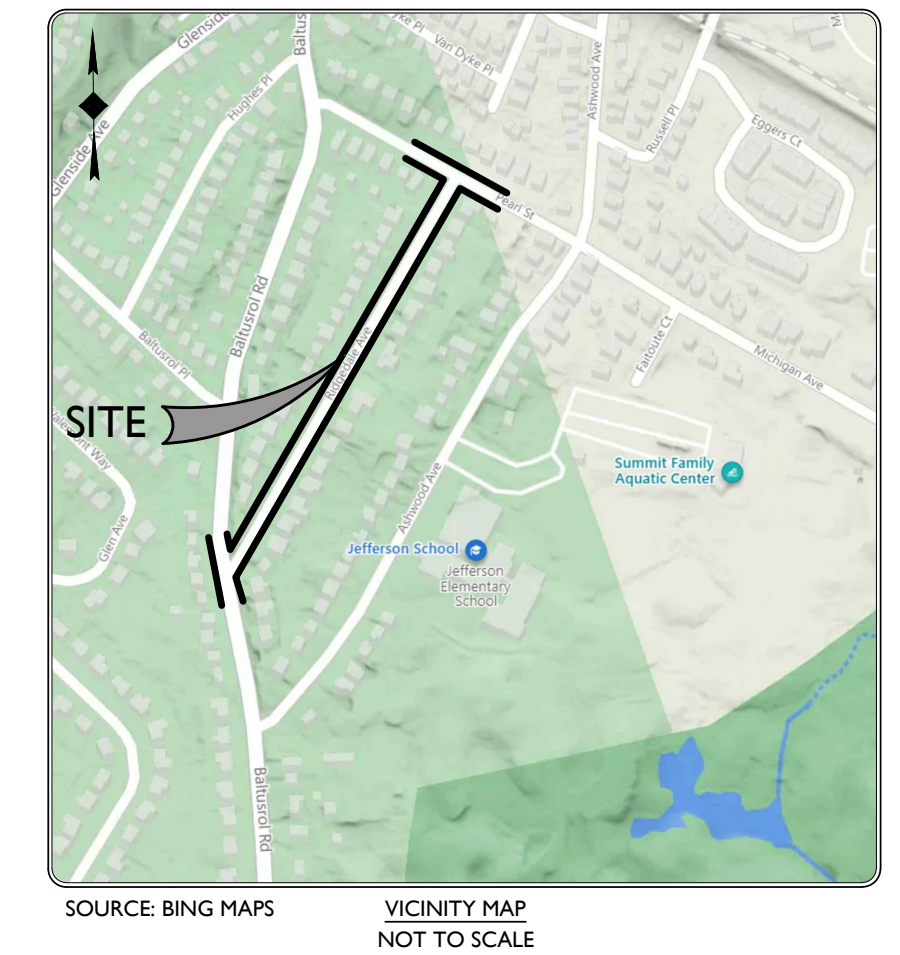
SCALE: 1"=20'	PROJECT ID: RUT-220009.04	SHEET: 4 OF 5
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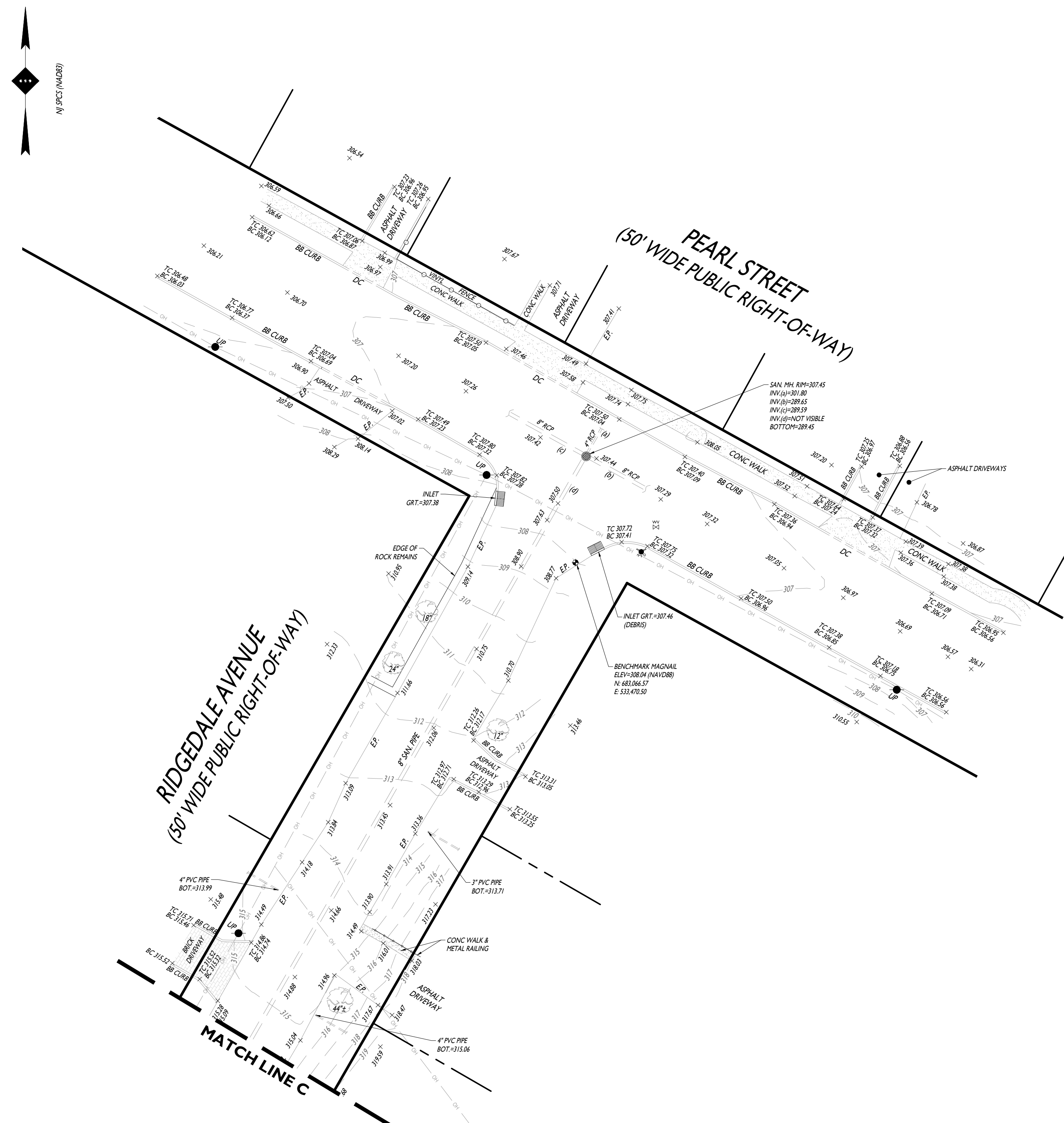
SYMBOL	DESCRIPTION
	BUILDING
	CONCRETE SIDEWALK / MAT
	ASPHALT / CONCRETE CURB
	DEPRESSED CURB
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	CHAIN LINK FENCE
	BOARD-ON-BOARD FENCE
	GUIDE RAIL
	MAST ARM LIGHT POLE
	POLE
	LIGHT POLE
	SIGNS
	WATER VALVE
	GAS VALVE
	FIRE HYDRANT
	DRAIN
	INLET
	MAN HOLE
	BOLLARDS
	MONITORING WELL
	VENT
	SIAMESE CONNECTION
	FIRE DEPARTMENT CONNECTION
	BOX (ELEC. GAS ETC)
	EDGE OF PAVEMENT
	OVERHEAD WIRE
	UNDERGROUND GAS LINE
	UNDERGROUND WATER LINE
	UNDERGROUND ELEC LINE
	MAJOR CONTOUR
	MINOR CONTOUR
	GRADE SPOT SHOT
	TOP OF CURB SHOT
	BOTTOM OF CURB SHOT
	TOP OF WALL SHOT
	BOTTOM OF WALL SHOT
	HANDICAP PARKING
	LANDSCAPING
	PAY METER
	ELEC METER
	GAS METER
	WATER METER
	AIR CONDITIONING UNIT
	DECIDUOUS TREE - DIAMETER NOTED
	CONIFEROUS TREE - DIAMETER NOTED
	BIKE RACK
	CLEAN OUT
	SURVEY MONUMENT
	IRON PIN
	BENCH MARK
	DETECTABLE WARNING STRIP



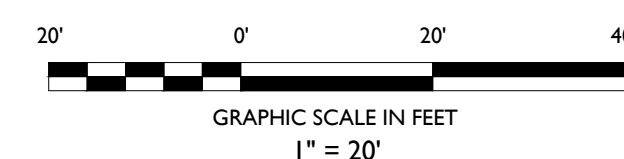




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SYMBOL	DESCRIPTION
	BUILDING
	CONCRETE SIDEWALK / MAT
	ASPHALT / CONCRETE CURB
	DEPRESSED CURB
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	CHAIN LINK FENCE
	BOARD-ON-BOARD FENCE
	GUIDE RAIL
	MAST ARM LIGHT POLE
	POLE
	LIGHT POLE
	SIGNS
	WATER VALVE
	GAS VALVE
	FIRE HYDRANT
	DRAIN
	INLET
	MAN HOLE
	BOLLARDS
	MONITORING WELL
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	SIAMESE CONNECTION
	FIRE DEPARTMENT CONNECTION
	BOX (ELEC. GAS, ETC.)
	EDGE OF PAVEMENT
	OVERHEAD WIRE
	UNDERGROUND GAS LINE
	UNDERGROUND WATER LINE
	UNDERGROUND ELEC LINE
	MAJOR CONTOUR
	MINOR CONTOUR
	GRADE SPOT SHOT
	TOP OF CURB SHOT
	BOTTOM OF CURB SHOT
	TOP OF WALL SHOT
	BOTTOM OF WALL SHOT
	HANDICAP PARKING
	LANDSCAPING
	PAY METER
	ELEC METER
	GAS METER
	WATER METER
	AIR CONDITIONING UNIT
	DECIDUOUS TREE - DIAMETER NOTED
	CONIFEROUS TREE - DIAMETER NOTED
	BIKE RACK
	CLEAN OUT
	SURVEY MONUMENT
	IRON PIN
	BENCH MARK
	DETECTABLE WARNING STRIP



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## ROUTE SURVEY

**SURVEY OF:**

RIDGEDALE AVENUE  
CITY OF SUMMIT  
COUNTY OF UNION, STATE OF NEW JERSEY

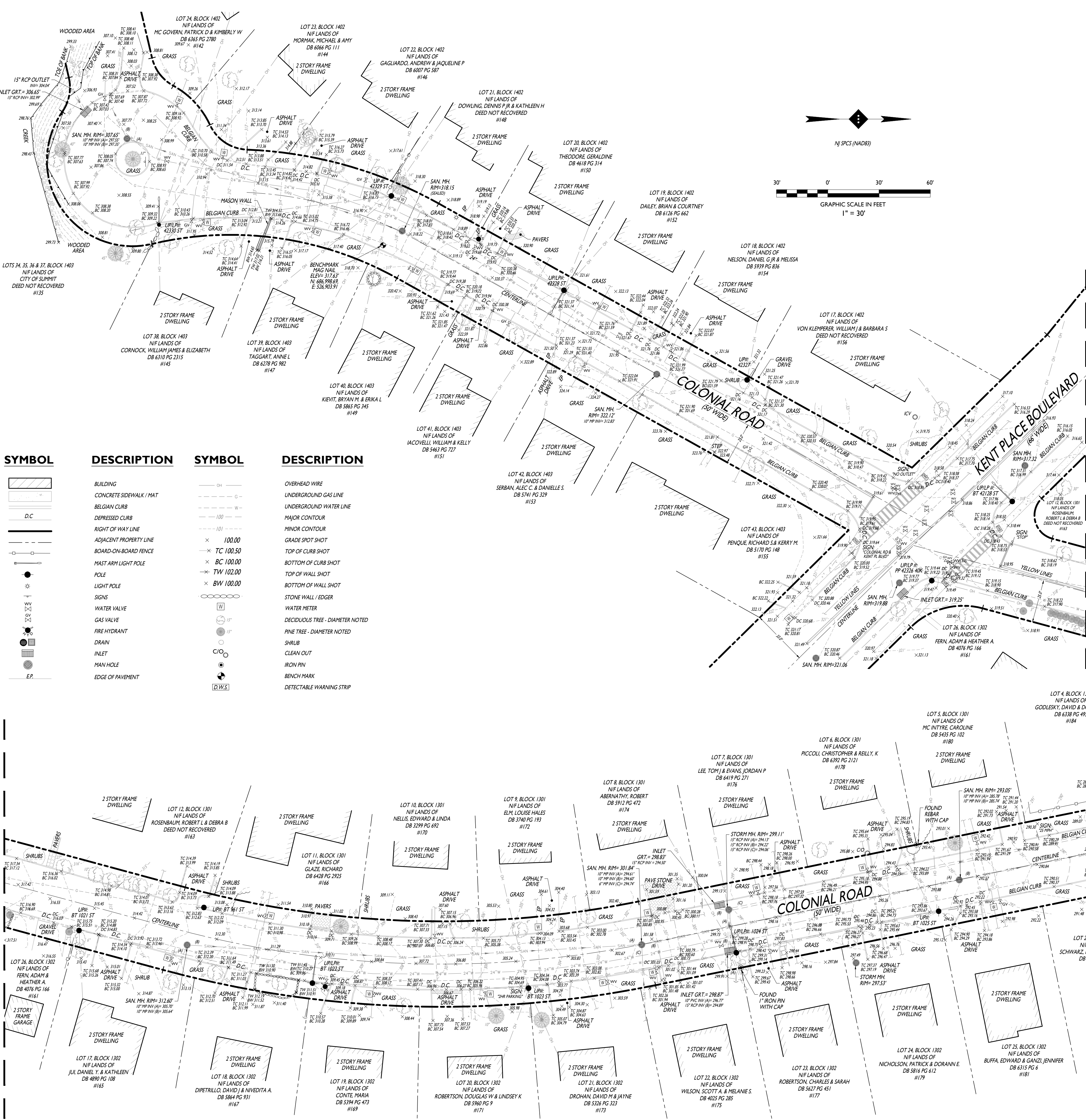
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I	05/31/2022	FL	MS	04/11/2022	JD	FOR ISSUE
ISSUE	DATE	DRAFT BY	CHECK BY	FIELD DATE	FIELD CREW	DESCRIPTION

SUBJECT TO RESTRICTIONS, EASEMENTS OF RECORD AND OTHER FACTS WHICH A CURRENT TITLE SEARCH MIGHT DISCLOSE.

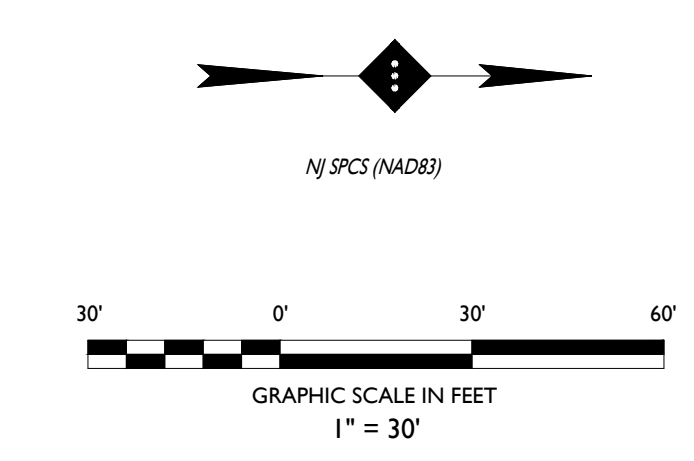
**THOMAS F. MILLER**  
NEW JERSEY LAND SURVEYOR No. 24GS03626400  
LICENSED PROFESSIONAL LAND SURVEYOR  
NEW JERSEY CERTIFICATE OF AUTHORIZATION No. 24GA28184500

<b>SCALE:</b> 1"=20'	<b>PROJECT ID:</b> RUT-220009.04	<b>SHEET:</b> 5 OF 5
----------------------	----------------------------------	----------------------





SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	BUILDING		OVERHEAD WIRE
	CONCRETE SIDEWALK / MAT		UNDERGROUND GAS LINE
	BELGIAN CURB		UNDERGROUND WATER LINE
	DEPRESSED CURB		MAJOR CONTOUR
	RIGHT OF WAY LINE		MINOR CONTOUR
	ADJACENT PROPERTY LINE		GRADE SPOT SHOT
	BOARD-ON-BOARD FENCE		TOP OF CURB SHOT
	MAST ARM LIGHT POLE		TOP OF WALL SHOT
	POLE		BOTTOM OF WALL SHOT
	LIGHT POLE		STONE WALL / EDGER
	SIGNS		WATER METER
	WATER VALVE		DECIDUOUS TREE - DIAMETER NOTED
	GAS VALVE		PINE TREE - DIAMETER NOTED
	FIRE HYDRANT		SHRUB
	DRAIN		CLEAN OUT
	INLET		IRON PIN
	MAN HOLE		BENCH MARK
	EDGE OF PAVEMENT		DETECTABLE WARNING STRIP

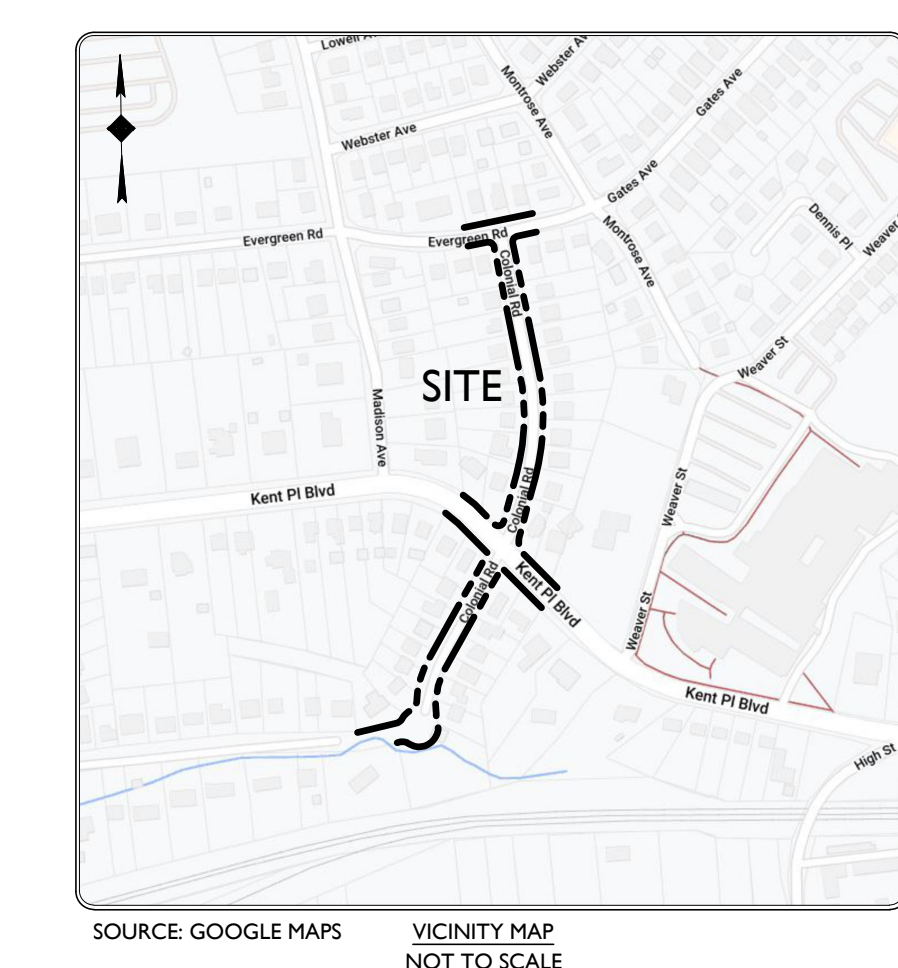


- SURVEY NOTES**
1. THIS SURVEY AND THE BOUNDARIES SHOWN HEREON ARE THE RESULT OF AN ACTUAL FIELD SURVEY PERFORMED DURING MARCH OF 2023, BASED ON AVAILABLE MAPS AND DEEDS OF RECORD, AND PHYSICAL EVIDENCE. THIS SURVEY IS SUBJECT TO ALL EASEMENTS, RIGHTS OF WAYS AND AGREEMENTS OF RECORD THAT A TITLE SEARCH MAY DISCLOSE.
  2. THIS SURVEY IS VALID ONLY WHEN A DIGITAL OR EMBOSSED SEAL IS AFFIXED HERETO.
  3. THE CERTIFICATION SHOWN HEREON IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
  4. ANY SUBSURFACE UTILITIES SHOWN HAVE BEEN LOCATED FROM MARKOBS OBSERVED ON SITE DURING THE FIELD SURVEY, AND SURFACE FEATURES SUCH AS VALVES, MANHOLES AND GRATES, STORM DRAINAGE AND OR SANITARY INVERTS ARE DETECTED BASED ON OBSERVATIONS MADE IN THE FIELD. THE SURVEYOR MAKES NO GUARANTEES 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 THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION USED. THE SURVEY HAS NOT PHYSICALLY LOCATED THE UTILITIES BEFORE ANY EXCAVATIONS ARE BEGUN. THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.
  5. BEARINGS ARE REFERENCED TO THE NEW JERSEY STATE PLANE COORDINATE SYSTEM (NAD83). ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), ESTABLISHED VIA RTK GPS OBSERVATIONS.
  6. BENCHMARK = MAG NAIL = 317.63' (NAVD88), BENCHMARK = MAG NAIL = 284.92' (NAVD88).
  7. BASEMENT OR BELOW GRADE STRUCTURES (IF ANY) UNKNOWN.
  8. A WRITTEN WAIVER AND DIRECTION NOT TO SET CORNER MARKERS HAS BEEN OBTAINED FROM THE ULTIMATE USER PURSUANT TO P.L. 2003, C.14 (C458-36.3) AND N.J.A.C. 15:40-5.1(D).

**FLOOD NOTE**

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE X (UNSHADED) (AREA OF MINIMAL FLOOD HAZARD) OF THE FLOOD INSURANCE RATE MAP, COMMUNITY NO. 340476, MAP NUMBER 34039C0002 WHICH BEARS AN EFFECTIVE DATE OF SEPT. 20, 2006.

- SURVEY REFERENCES**
1. TAX MAP SHEET 13, CITY OF SUMMIT, UNION COUNTY, NEW JERSEY DATED 2012
  2. TAX MAP SHEET 14, CITY OF SUMMIT, UNION COUNTY, NEW JERSEY DATED 2012



SOURCE: GOOGLE MAPS VICINITY MAP NOT TO SCALE



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**ROUTE SURVEY**

# MAP OF SURVEY OF:

COLONIAL ROAD

CITY OF SUMMIT

COUNTY OF UNION, STATE OF NEW JERSEY

I	4/27/2023	DJS	AG	3/31/2023	JD	FOR ISSUE
ISSUE	DATE	DRAFT BY	CHECK BY	FIELD DATE	FIELD CREW	DESCRIPTION

SUBJECT TO RESTRICTIONS, EASEMENTS OF RECORD AND OTHER FACTS WHICH A CURRENT TITLE SEARCH MIGHT DISCLOSE.

Digitally signed  
**Thomas F Miller**  
Date: 2023.04.28  
12:24:22 -04'00'

**THOMAS F. MILLER**  
NEW JERSEY LAND SURVEYOR No. 24GS03626400  
LICENSED PROFESSIONAL LAND SURVEYOR  
NEW JERSEY CERTIFICATE OF AUTHORIZATION No. 24GA28184500

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