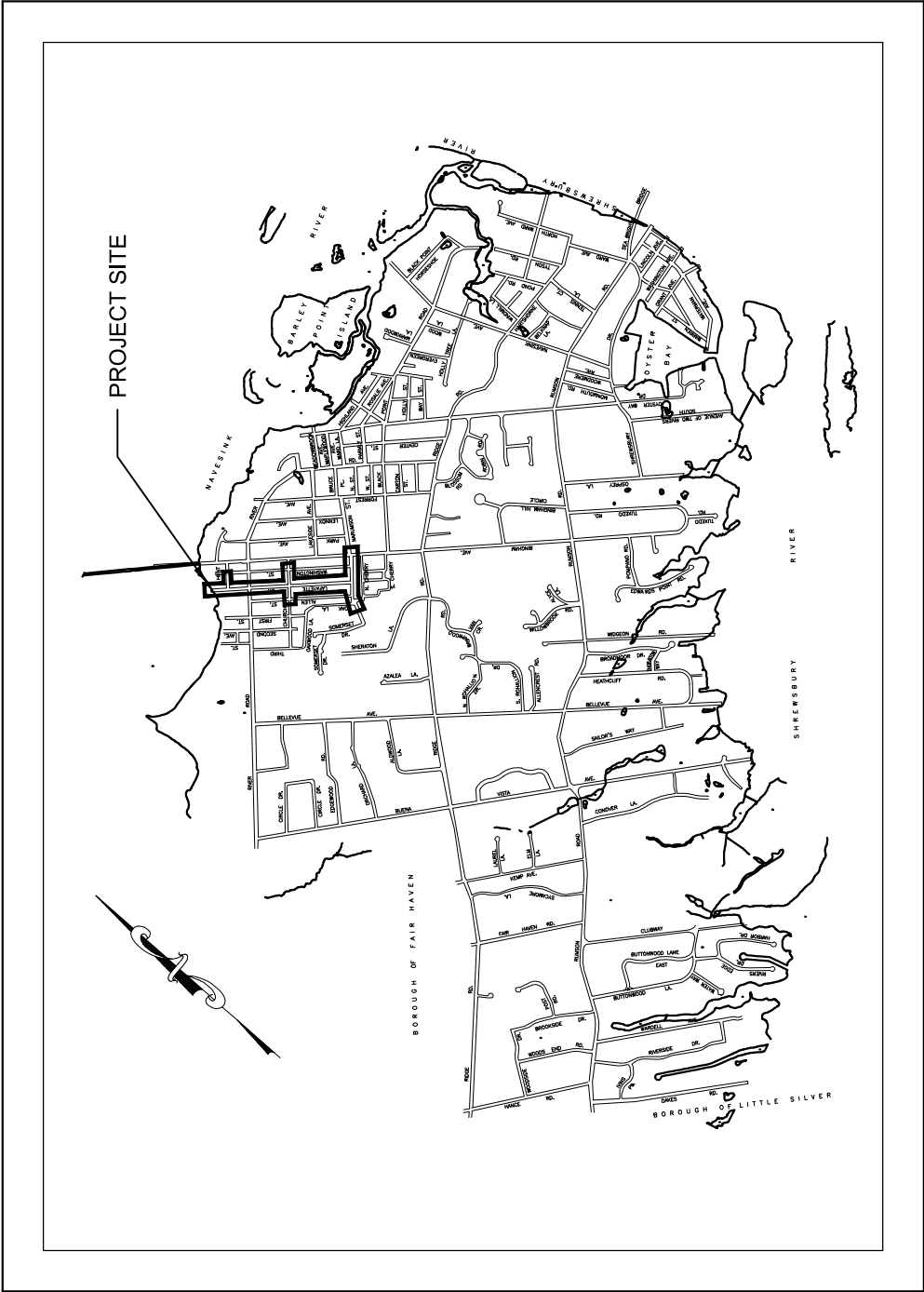


2018 ROAD IMPROVEMENT PROGRAM - PHASE III

**BOROUGH OF RUMSON
MONMOUTH COUNTY, NEW JERSEY**

UTILITY OWNERS	
VERIZON 175 WEST MAIN STREET, FLOOR 1 FREEHOLD, NJ 07728 ATTN: CHRISTOPHER HOBSON	
JERSEY CENTRAL POWER & LIGHT 101 CRAWFORDS CORNER ROAD #1-511 HOLMDEL, NJ 07733 ATTN: HARVEY LOCKLEY	
NEW JERSEY AMERICAN WATER 861 SHREWSBURY AVENUE SHREWSBURY, NJ 07702 ATTN: JEFFREY BOWLEY	
NEW JERSEY NATURAL GAS 1415 WYCKOFF ROAD WALL, NJ 07719 ATTN: JOSEPH PUGLISI	
COMCAST 751 BRICK BOULEVARD BRICK, NJ 08723 ATTN: LAWRENCE FARY	
BOROUGH OF RUMSON SEWER DEPARTMENT 80 EAST RIVER ROAD RUMSON, NJ 07760 ATTN: R.J. SICKLER	
	LOCATION OF UTILITIES SHOWN ON THESE PLANS ARE NOT WARRANTED AS TO EXACTNESS. CONTRACTOR SHALL DETERMINE EXACT LOCATION AND DEPTH OF UTILITIES PRIOR TO CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND OTHER APPLICABLE LAWS.

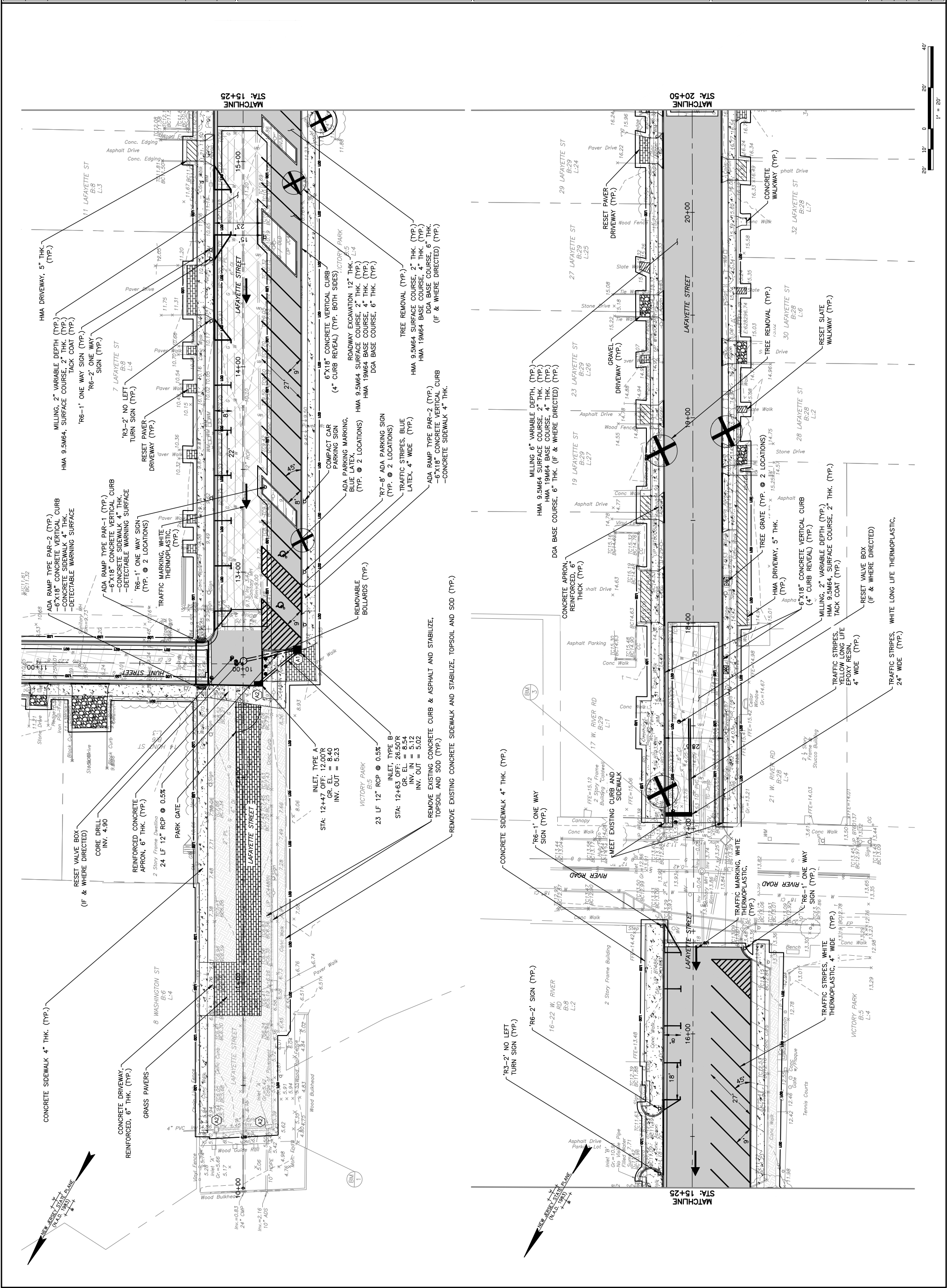
Sheet List Table		
Sheet No.	Drawing No.	Sheet Title
1	CVR	COVER
2	LEG	LEGEND AND GENERAL NOTES
LAFAYETTE STREET		
3	CSP-1	CONSTRUCTION PLAN AND SOIL EROSION & SEDIMENT CONTROL PLAN
4	CSP-2	CONSTRUCTION PLAN AND SOIL EROSION & SEDIMENT CONTROL PLAN
5	CSP-3	CONSTRUCTION PLAN AND SOIL EROSION & SEDIMENT CONTROL PLAN
6	ELGP-1	EXISTING CONDITIONS, LAYOUT & GRADING PLAN
7	ELGP-2	EXISTING CONDITIONS, LAYOUT & GRADING PLAN
8	ELGP-3	EXISTING CONDITIONS, LAYOUT & GRADING PLAN
9	ELGP-4	EXISTING CONDITIONS, LAYOUT & GRADING PLAN
10	ELGP-5	EXISTING CONDITIONS, LAYOUT & GRADING PLAN
11	ELGP-6	EXISTING CONDITIONS, LAYOUT & GRADING PLAN
NARUMSUNK STREET		
12	CSP-4	CONSTRUCTION PLAN AND SOIL EROSION & SEDIMENT CONTROL PLAN
13	ELGP-7	EXISTING CONDITIONS, LAYOUT & GRADING PLAN
14	ELGP-8	EXISTING CONDITIONS, LAYOUT & GRADING PLAN
CHURCH STREET		
15	CSP-5	CONSTRUCTION PLAN AND SOIL EROSION & SEDIMENT CONTROL PLAN
16	ELGP-9	EXISTING CONDITIONS, LAYOUT & GRADING PLAN
HUNT STREET		
17	CSP-6	CONSTRUCTION PLAN AND SOIL EROSION & SEDIMENT CONTROL PLAN
18	ELGP-10	EXISTING CONDITIONS, LAYOUT & GRADING PLAN
ADA DETAILS		
19	ADA-1	ADA DETAILS
20	ADA-2	ADA DETAILS
21	ADA-3	ADA DETAILS
CONSTRUCTION DETAILS		
22	CSD-1	CONSTRUCTION DETAILS
23	CSD-2	CONSTRUCTION DETAILS
TRAFFIC CONTROL		
24	MPT-1	MAINTENANCE AND PROTECTION OF TRAFFIC
25	MPT-2	MAINTENANCE AND PROTECTION OF TRAFFIC
SOIL EROSION AND SEDIMENT CONTROL		
26	SEC-1	SOIL EROSION AND SEDIMENT CONTROL DETAILS
27	SEC-2	SOIL EROSION AND SEDIMENT CONTROL DETAILS

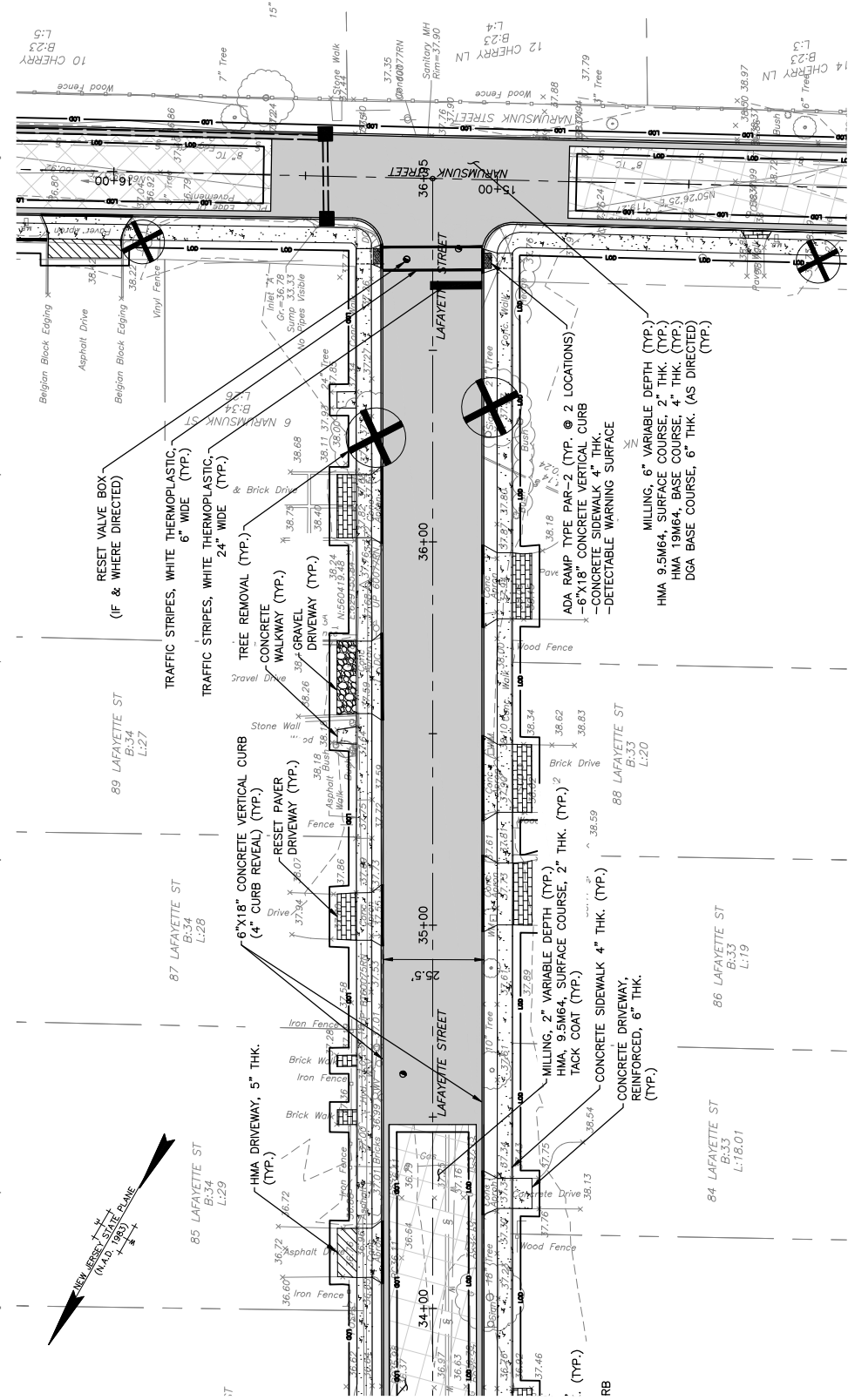
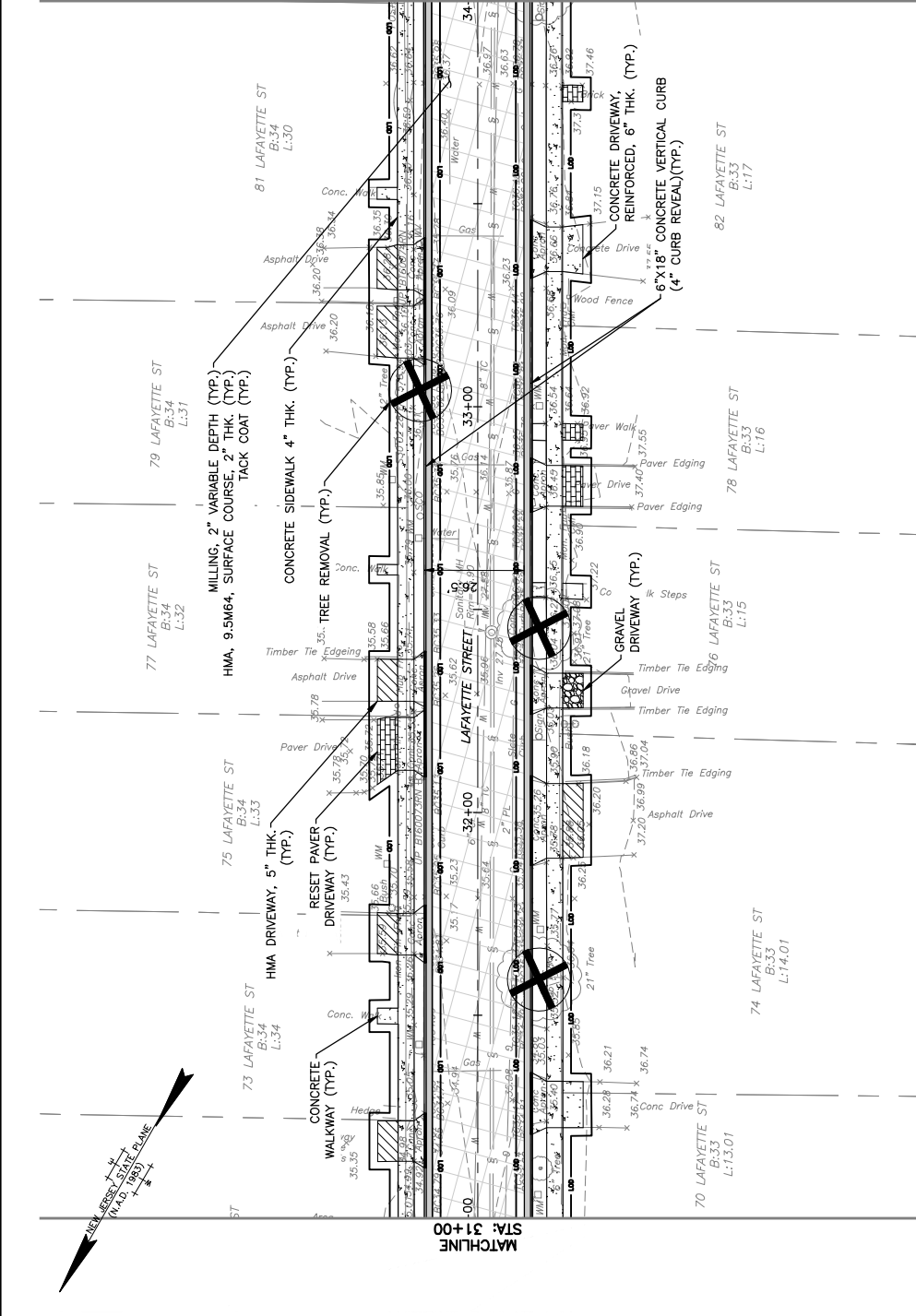


KEY MAP



11 TINDALL ROAD
MIDDLETOWN, NJ 07748
TEL 732-671-6400
FAX 732-671-7365
www.landmassociates.com





CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND RESET ANY EXISTING SIGNS WHERE NOTED. ANY SIGNS DAMAGED AS A RESULT OF THE CONTRACTOR'S ACTIVITY SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. PVC SLEEVES SHALL BE PROVIDED IN THE CONCRETE SIDEWALK WHEN INSTALLING SIGNS. ALL COSTS TO BE INCLUDED IN THE UNIT PRICE BID FOR CLEARING SITE.
2. CONTRACTOR SHALL TAKE CARE TO ENSURE POSITIVE FLOW TOWARDS ALL INLETS
3. FINAL LIMITS OF PAVING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
4. CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND RECORD ALL TRAFFIC STRIPING PRIOR TO CONSTRUCTION AND REPLACE ALL TRAFFIC STRIPING IN-KIND, UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR TO RESET ALL SIGNS, FENCES, LANDSCAPING, MAILBOXES, EDGING, LOOP DETECTORS, SPRINKLER HEADS, ETC. TO EXISTING CONDITION. ALL COSTS TO BE INCLUDED IN THE UNIT PRICE BID FOR CLEARING SITE.
6. ALL EXISTING UTILITIES SHALL BE VERIFIED IN THE FIELD.
7. CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND IF NECESSARY COORDINATE WITH NECESSARY UTILITY COMPANIES THE RELOCATION OF ANY UTILITY SERVICE LINES IN CONFLICT WITH ANY PROPOSED WORK. THERE WILL BE NO SEPARATE PAYMENT OR DELAY AS A RESULT OF SAME.
8. THIS PLAN SHEET IS ALSO FOR CERTIFICATION OF THE PROPER SOIL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.
9. CONTRACTOR SHALL BE ADVISED THAT THE MAJORITY OF CONCRETE CURB THROUGHOUT THIS PROJECT IS PROPOSED WITH A 4" CURB REVEAL. HOWEVER, THE SOUTHWEST SECTION OF CHURCH STREET BETWEEN ALLEN STREET AND LAFAYETTE STREET, THE NORTHWEST SECTION OF NARUMSUNK STREET BETWEEN LAFAYETTE AND THE PROJECT LIMITS, AND THE PORTION OF HUNT STREET NORTHEAST OF WASHINGTON STREET SHALL HAVE A 6" CURB REVEAL.
10. THE MAXIMUM PERMITTED SLOPE IN ANY DIRECTION FOR ALL HANDICAP PARKING SPACES IS 1.5%. THE CONTRACTOR SHALL RE-GRADE THESE AREAS AS NECESSARY TO ENSURE THE SLOPES DO NOT EXCEED 1.5%. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY GRADING.

CONSTRUCTION ITEMS (LAFAYETTE STREET)

2,380	LF	POLYMERIZED JOINT ADHESIVE
720	GAL	TACK COAT
140	CY	ROADWAY EXCAVATION
3,900	SY	MILLING, 2" VARIABLE DEPTH
2,470	SY	MILLING, 6" VARIABLE DEPTH
840	TON	HOT MIX ASPHALT 9.5M64, SURFACE COURSE, 2" THICK
680	TON	HOT MIX ASPHALT 19M64, BASE COURSE, 4" THICK
385	SY	DENSE GRADED AGGREGATE BASE COURSE, 6" THICK (IF & WHERE DIR.)
16	UN	RESET VALVE BOX (IF & WHERE DIR.)
1	UN	INLET, TYPE A
1	UN	INLET, TYPE B
45	LF	12" RCP (CLASS III W/ FLEXIBLE WATERTIGHT RUBBER GASKET)
3	UN	RESET MANHOLE, SANITARY SEWER, USING EX. CASTING (IF & WHERE)
4,925	LF	6"x18" CONCRETE VERTICAL CURB
2,010	SY	CONCRETE SIDEWALK, 4" THICK
690	SY	HOT MIX ASPHALT DRIVEWAY, 5" THICK
655	SY	CONCRETE DRIVEWAY, REINFORCED 6" THICK
135	SY	STONE DRIVEWAY, (IF & WHERE DIR.)
355	SY	REMOVE & RESET PAVERS, (IF & WHERE DIR.)
48	SY	DETECTABLE WARNING SURFACE
235	SY	GRASS PAVERS
3	UN	REMOVABLE BOLLARDS
1	UN	PARK GATE
300	LF	TRAFFIC STRIPES, LONG LIFE EPOXY RESIN, 4" WIDE
100	LF	TRAFFIC STRIPES, LATEX, 4" WIDE
800	LF	TRAFFIC STRIPES, THERMOPLASTIC, 4" WIDE
250	LF	TRAFFIC STRIPES, THERMOPLASTIC, 6" WIDE
60	LF	TRAFFIC STRIPES, THERMOPLASTIC, 24" WIDE
6	UN	TRAFFIC MARKINGS, THERMOPLASTIC
2	UN	TRAFFIC MARKINGS, LATEX
5	UN	'R6-1' ONE WAY SIGN
2	UN	'R6-2' NO LEFT TURN SIGN
2	UN	'R3-2' ADA SIGN
1	UN	COMPACT CAR SIGN
3,850	SY	BORROW TOPSOILING, 4" THICK
3,850	SY	SODDING
2	UN	TREE REMOVAL OVER 12" TO 18"
13	UN	TREE REMOVAL OVER 18" TO 24"
8	UN	TREE REMOVAL OVER 24" TO 30"
2	UN	TREE REMOVAL OVER 30" TO 36"
1	UN	

THOMAS P. NEFF, P.E., P.P., C.M.E.
CONSULTING ENGINEER
STATE OF NJ LICENSE NO. 2460493900
06/21/2019

THOMAS P. NEFF, P.E., P.P., C.M.E.
CONSULTING ENGINEER
STATE OF NJ LICENSE NO. 2460493900
06/21/2019

BOROUGH OF RUMSON
CONSTRUCTION PLAN AND SOIL EROSION & SEDIMENT CONTROL PLAN
LAFAYETTE STREET
2018 ROAD IMPROVEMENT PROGRAM - PHASE III
BOROUGH OF RUMSON, MONMOUTH COUNTY, NEW JERSEY

11 TINDAL ROAD
MIDDLE TOWN, NJ 07074
TEL: 732-671-7885
FAX: 732-671-7885
NEW JERSEY BOARD OF PROFESSIONAL ENGINEERS
OFFICE LOCATED IN:
DELAWARE, INDIANA, KENTUCKY,
MASSACHUSETTS, NEW HAMPSHIRE,
NEW JERSEY, NEW YORK, PENNSYLVANIA,
RHODE ISLAND, VIRGINIA

DESIGNED BY
CHECKED BY
DRAWN BY
DATE
PROJ. NO.

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TPH
TLH
06/21/2019
RMS401767

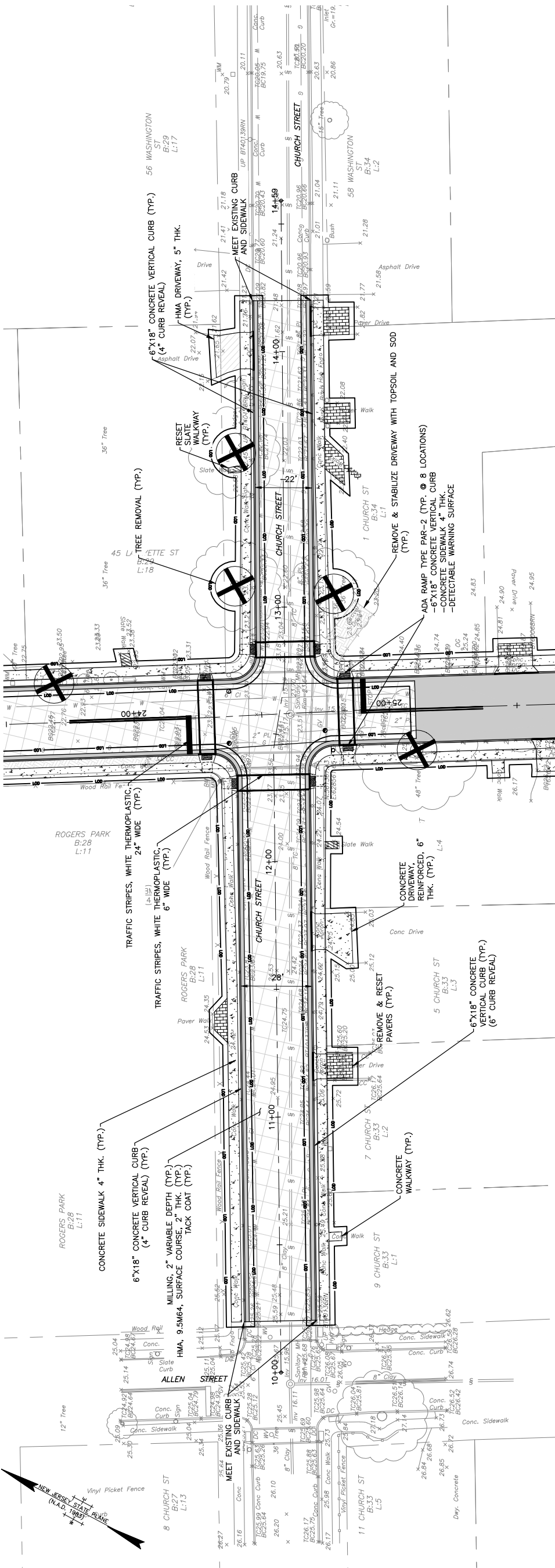
CSP-3

SHEET

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OF 27



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CONSTRUCTION ITEMS (CHURCH STREET)

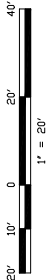
- | | | |
|-----|-----|--|
| 375 | LF | POLYMERIZED JOINT ADHESIVE |
| 110 | GAL | TACK COAT |
| 940 | SY | MILLING 2", VARIABLE DEPTH |
| 130 | TON | HOT MIX ASPHALT 9.5MBA, SURFACE COURSE, 2" THICK |
| 785 | LF | 6"x18" CONCRETE VERTICAL CURB |
| 305 | SY | CONCRETE SIDEWALK, 4" THICK |
| 10 | SY | HOT MIX ASPHALT DRIVEWAY, 5" THICK |
| 35 | SY | CONCRETE DRIVEWAY, REINFORCED 6" THICK |
| 35 | SY | REMOVE & RESET PAVERS (IF & WHERE DIR.) |
| 32 | SF | DETECTABLE WARNING SURFACE |
| 110 | LF | TRAFFIC STRIPES, THERMOPLASTIC, 6" WIDE |
| 485 | SY | BORROW TOPSOILING, 4" THICK |
| 485 | SY | SODDING |
| 3 | UN | TREE REMOVAL OVER 30" TO 36" |

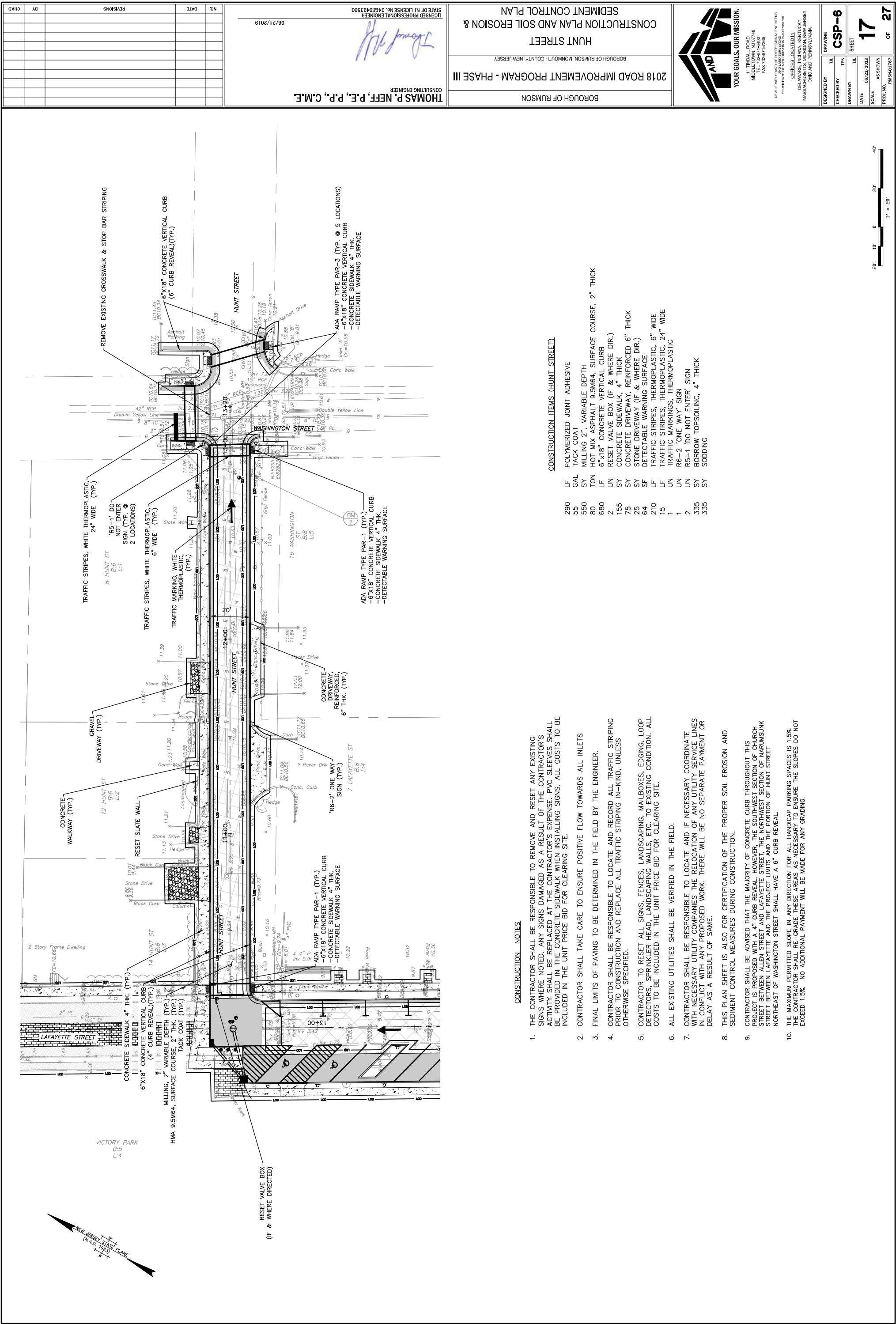


AND
YOUR GOALS. OUR MISSION.

NEW JERSEY BOARD OF PROFESSIONAL ENGINEERS
AND LAND SURVEYORS
CERTIFICATE OF AUTHORIZATION 24GAZ7987500

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DRAWN BY	TJL	SHEET	15
DATE	06/21/2019		
SCALE			
PROJ. NO.	AS SHOWN		OF 27
			RMSN-Q01767





THOMAS P. NEFF, P.E., P.P., C.M.E.
CONSULTING ENGINEER

STATE OF NJ LICENSE NO. 2460493900

06/21/2019

2018 ROAD IMPROVEMENT PROGRAM - PHASE III

BOROUGH OF RUMSON

HUNT STREET
CONSTRUCTION PLAN AND SOIL EROSION & SEDIMENT CONTROL PLAN

DESIGNED BY

CHECKED BY

DRAWN BY

DATE

SCALE

PROJ. NO.

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TPN

TIA

06/21/2019

AS SHOWN

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DRAWING

CSP-6

SHEET

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27

AND

YOUR GOALS. OUR MISSION.

11 TINDALL ROAD
MIDDLE TOWN, NJ 07748
TEL: 732-471-7785
FAX: 732-471-7885

NEW JERSEY BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF AUTHORIZATION 34-027070

OFFICES LOCATED IN:
DELAWARE, INDIANA, KENTUCKY,
MASSACHUSETTS, NEW JERSEY,
OHIO AND PENNSYLVANIA

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CONSTRUCTION ITEMS (HUNT STREET)

290	LF	POLYMERIZED JOINT ADHESIVE
55	GAL	TACK COAT
550	SY	MILLING 2", VARIABLE DEPTH
80	TON	HOT MIX ASPHALT 9.5M64, SURFACE COURSE, 2" THICK
680	LF	6"x18" CONCRETE VERTICAL CURB
2	UN	RESET VALVE BOX (IF & WHERE DIR.)
155	SY	CONCRETE SIDEWALK, 4" THICK
75	SY	CONCRETE DRIVEWAY, REINFORCED 6" THICK
25	SY	STONE DRIVEWAY (IF & WHERE DIR.)
64	SF	DETECTABLE WARNING SURFACE
210	LF	TRAFFIC STRIPES, THERMOPLASTIC, 6" WIDE
15	LF	TRAFFIC STRIPES, THERMOPLASTIC, 24" WIDE
1	UN	TRAFFIC MARKINGS, THERMOPLASTIC
1	UN	R6-2 'ONE WAY' SIGN
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335	SY	BORROW TOPSOLING, 4" THICK
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