

2021 DOT ROAD RECONSTRUCTION PROJECT

NORTH 1ST STREET AND NORTH 3RD STREET (SHORE AVE TO BARNEGAT AVE)

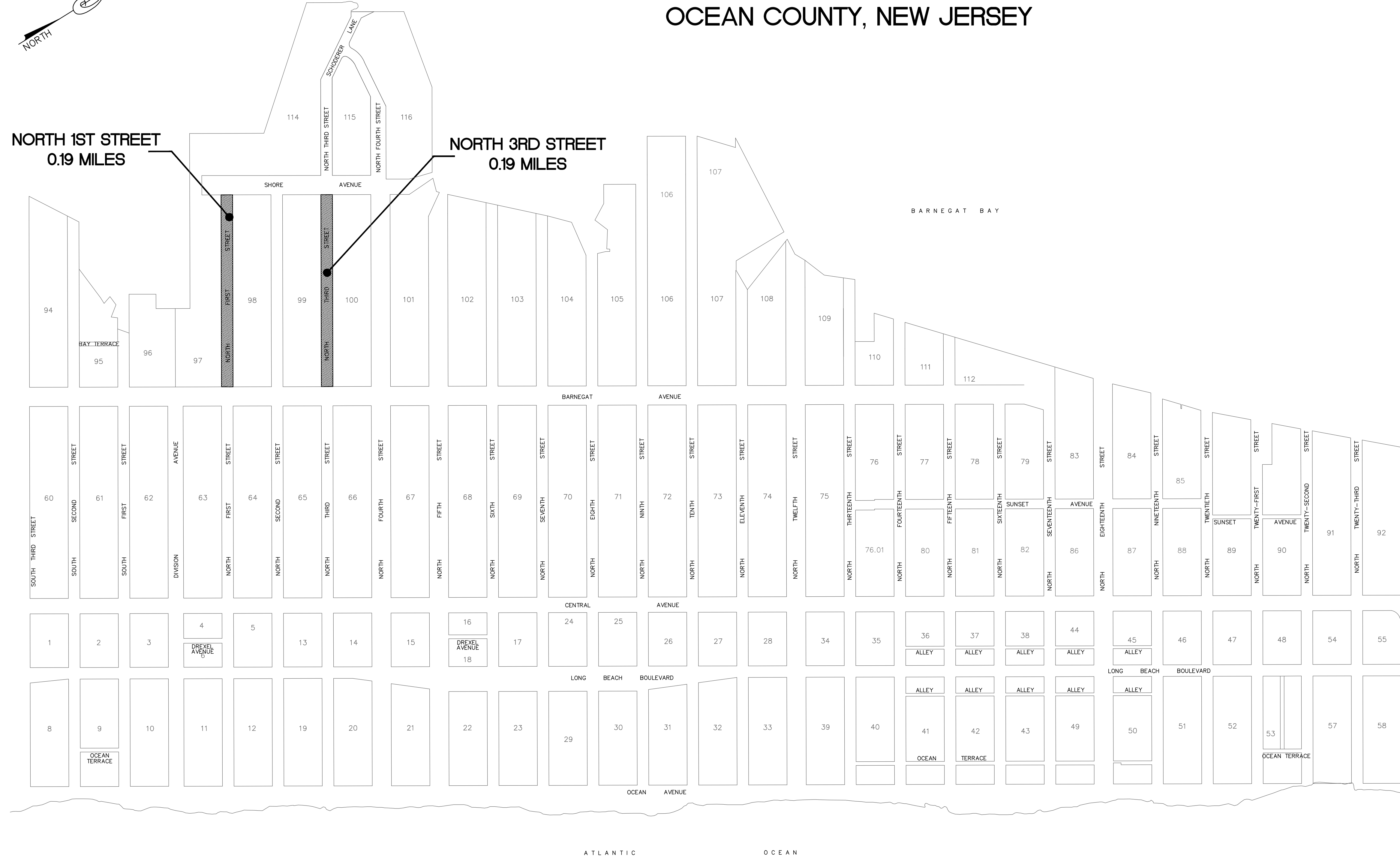
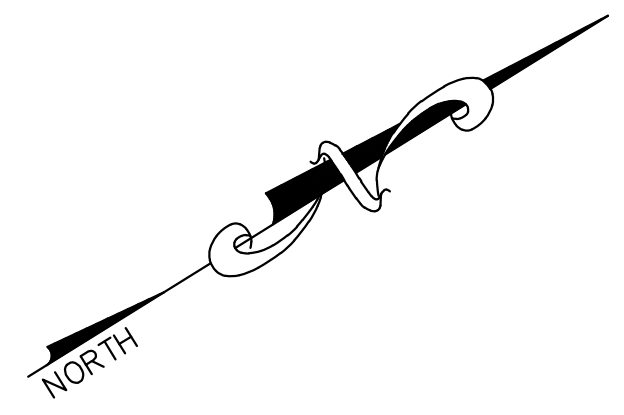
BOROUGH OF SURF CITY

OCEAN COUNTY, NEW JERSEY

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ESTIMATE OF QUANTITIES

Item No.	Item No.	Description	Plan Quantity	If and Where Directed	Contract Amount	Unit
1	151006M	PERFORMANCE BOND	1			DOLL
2	151006M	PAYMENT BOND	1			DOLL
3	154003P	MOBILIZATION	1			LS
4	157004M	CONSTRUCTION LAYOUT	1			DOLL
5	158027M	INLET FILTER TYPE 1	217			SF
6	159003M	BREAKAWAY BARRICADE	3			U
7	159006M	DRUM	10			U
8	159009M	TRAFFIC CONE	20			U
9	159012M	CONSTRUCTION SIGNS	167			SF
10	159141M	POLICE TRAFFIC DIRECTORS	100			HR
11	160004M	FUEL PRICE ADJUSTMENTS	1			DOLL
12	160007M	ASPHALT PRICE ADJUSTMENTS	1			DOLL
13	201003P	CLEARING SITE	1			LS
14	202006M	EXCAVATION, TEST PITS		100		CY
15	202009P	EXCAVATION, UNCLASSIFIED	885			CY
16	202021P	REMOVAL OF PAVEMENT	885			CY
17	302036P	DENSE GRADED AGGREGATE, BASE COURSE, 6-INCH THICK	885			CY
18	302036P	HMA MILLING, 3" OR LESS	8435			SY
19	401030M	TACK COAT	850			GAL
20	401042M	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE, 2-1/2 INCH THICK	1395			T
21	401042M	HOT MIX ASPHALT 9.5 M 64 INTERMEDIATE (LEVELING) COURSE	235			T
22	401096M	HOT MIX ASPHALT 19 M 64 BASE COURSE, VARIABLE THICKNESS	321			T
23	401108M	CORE SAMPLES, HOT MIX ASPHALT	5			U
24	601409P	8-INCH PERFORATED HIGH DENSITY POLYETHYLENE PIPE	1693			LF
25	601419P	12-INCH HIGH DENSITY POLYETHYLENE PIPE	71			LF
26	602009M	INLET, TYPE A	27			U
27	606012P	CONCRETE SIDEWALK, 4" THICK	41			SY
28	606028P	RESET CONCRETE PAVERS	40			SY
29	606044P	STONE OR GRAVEL DRIVEWAY, 6-INCH THICK	15			SY
30	606057P	CONCRETE DRIVEWAY, 6" THICK	115			SY
31	607021P	3"x18" CONCRETE VERTICAL CURB	737			LF
32	607075P	GRANITE CURB	48			LF
33	606084P	DETECTABLE WARNING SURFACE	2			SY
34	610003M	TRAFFIC STRIPES, 4" WIDE, YELLOW	400			LF
35	MMR081M	TRAFFIC MARKINGS, LINE, THERMOPLASTIC, 24-WIDE, WHITE	176			LF
36	652432M	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING	4			U
37	8050302	EDGE RESTORATION	835			LF
38	8050302	6"x6" TIMBER LANDSCAPE TILE REPLACEMENT	145			LF

MANDATORY ROADWAY ACCESS

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP ALL ROADWAYS ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION FOR POLICE, TRASH PICKUP, EMERGENCY VEHICLES, HOMEOWNERS, MAIL DELIVERY AND ALL OTHER USES. THE CONTRACTOR SHALL SUBMIT TO THE BOROUGH ENGINEER FOR HIS REVIEW, A DETAILED PLAN DEPICTING THE TEMPORARY SIGNAGE, ACCESS AND RAMPING NECESSARY FOR ACCESS ONTO THE ROADWAYS AND INTO EACH DRIVEWAY.

THIS PLAN SHALL BE SUBMITTED IN ADVANCE OF ANY ROADWAY EXCAVATION AND PROVIDE DATES WHEN THE EXISTING ROADWAY MATERIALS WILL BE REMOVED AND WHEN NEW GRAVEL AND BITUMINOUS ASPHALT WILL BE PLACED. IT IS NECESSARY THAT THE TIME FOR COMPLETION OF THESE ITEMS BE KEPT TO A MINIMUM. THE BOROUGH DESIRES THAT THE WORK BE SCHEDULED AND THAT IT IS COMPLETED PRIOR TO ANY WEEKEND OR HOLIDAY. THEREFORE, THE CONTRACTOR SHALL PROVIDE SUFFICIENT EQUIPMENT AND MANPOWER NECESSARY TO ACCOMPLISH THIS WORK IN THE SHORTEST PERIOD OF TIME. THE BOROUGH WILL PERMIT THE CONTRACTOR TO EXTEND WORK HOURS DURING THIS PHASE, WITH THE BOROUGH ENGINEER'S APPROVAL AND DETERMINATION THAT SUFFICIENT MANPOWER IS AVAILABLE BY THE BOROUGH TO PERFORM INSPECTION AND/OR PROVIDE ASSISTANCE SHOULD A PROBLEM OCCUR DURING THESE EXTENDED HOURS.

IT IS SPECIFICALLY UNDERSTOOD THAT THE CONTRACTOR WILL PERFORM ANY AND ALL WORK REQUESTED BY ANY AGENCY TO FACILITATE THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL COST AND LIABILITY FOR THIS WORK AND FURTHER ACKNOWLEDGES THAT THE BOROUGH AND ITS REPRESENTATIVES ARE HELD HARMLESS FOR ANY DAMAGES OR COST ASSOCIATED WITH THIS WORK.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICES BID FOR THE VARIOUS PAY ITEMS IN THE BID SCHEDULE.

UTILITIES

GAS
NEW JERSEY NATURAL GAS COMPANY 1420 WYCKOFF ROAD WALL, NEW JERSEY 07719
PHONE: (732) 938-1203

TELEPHONE
VERIZON-ENGINEERING 148 OLD SOUTH BROADWAY ROAD MANAHAWKIN, NJ 08050
PHONE: (609) 597-9970

ELECTRIC
ATLANTIC CITY ELECTRIC 2542 FIRE ROAD EGG HARBOR TOWNSHIP, NJ 08234
PHONE: (609) 294-6727

STORM SEWER:
BOROUGH OF SURF CITY PUBLIC WORKS DEPARTMENT 813 LONG BEACH BLVD. SURF CITY, NJ 08008
PHONE: (609) 494-3064

SANITARY SEWER/WATER:
BOROUGH OF SURF CITY SEWER/WATER DEPARTMENT 813 LONG BEACH BLVD. SURF CITY, NJ 08008
PHONE: (609) 494-3064

CABLE T.V.
COMCAST CABLE LONG BEACH BLVD. SURF CITY, NJ 08008
PHONE: (732) 286-2971

SHEET INDEX

SHEET NUMBER	DESCRIPTION
1 OF 15	TITLE SHEET
2 OF 15	NORTH 1ST STREET EXISTING CONDITIONS PLAN
3 OF 15	NORTH 1ST STREET PLAN AND PROFILE
4 OF 15	NORTH 1ST STREET PLAN AND PROFILE
5 OF 15	NORTH 1ST STREET PLAN AND PROFILE
6 OF 15	NORTH 1ST STREET STRIPING PLAN AND CONSTRUCTION DETAILS
7 OF 15	NORTH 1ST STREET SOIL EROSION AND SEDIMENT CONTROL PLAN
8 OF 15	NORTH 3RD STREET EXISTING CONDITIONS PLAN
9 OF 15	NORTH 3RD STREET PLAN AND PROFILE
10 OF 15	NORTH 3RD STREET PLAN AND PROFILE
11 OF 15	NORTH 3RD STREET PLAN AND PROFILE
12 OF 15	NORTH 3RD STREET STRIPING PLAN
13 OF 15	NORTH 3RD STREET SOIL EROSION AND SEDIMENT CONTROL PLAN
14 OF 15	SOIL EROSION NOTES AND DETAILS
15 OF 15	TRAFFIC CONTROL PLAN

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1	10/05/22	REVISED PER PSE REVIEW COMMENTS DATED 10/05/22	JSM	F.J.L.
NO.	DATE	REVISION DESCRIPTION	DRAWN	CHK'D

OWEN, LITTLE & ASSOCIATES, INC.
Authorization No. 246497857000
443 Atlantic City Blvd.
Barnegat, NJ 08022
Tel: 732/244-1392
Fax: 732/241-3412

FRANK J. LITTLE, JR. P.E., P.P.

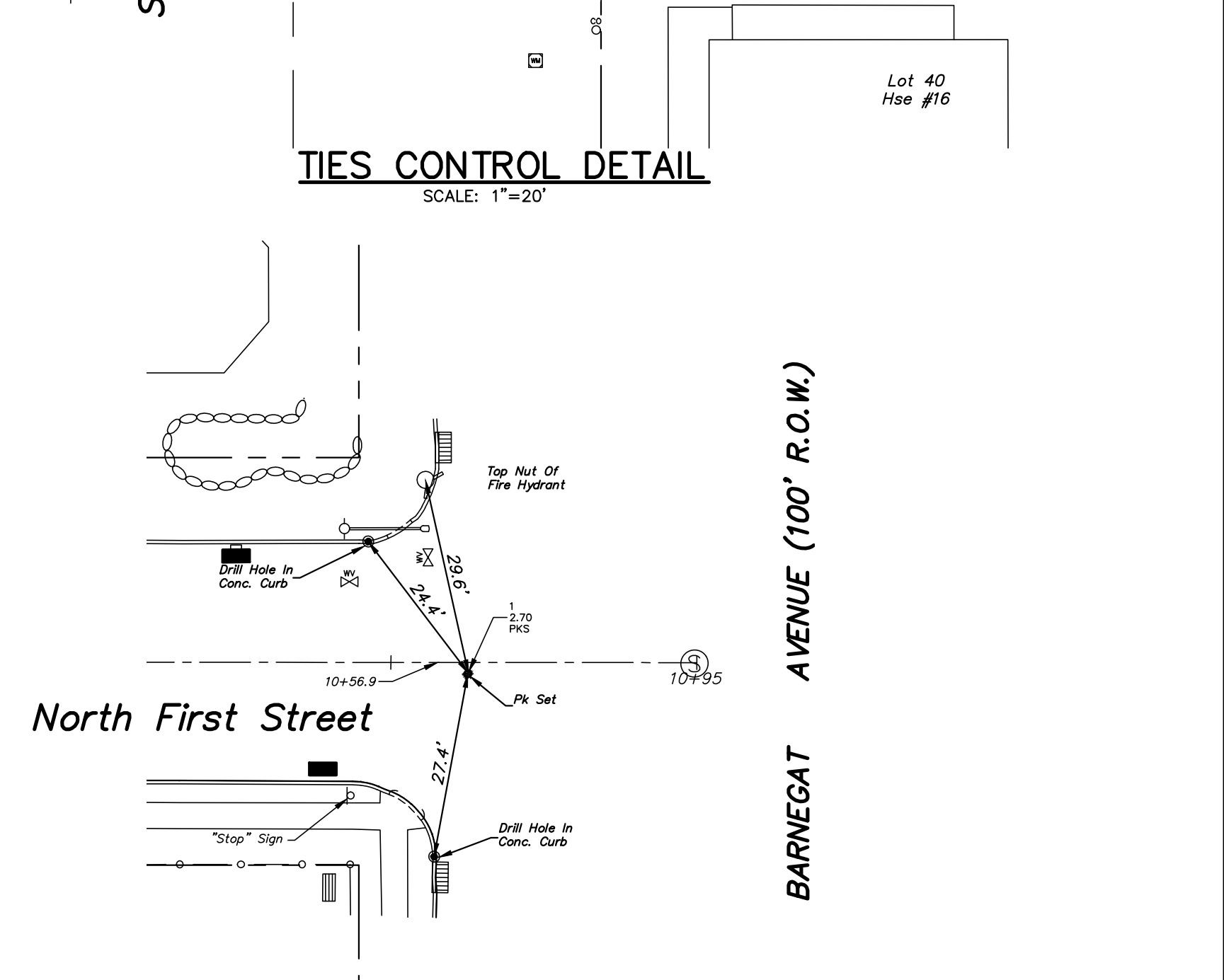
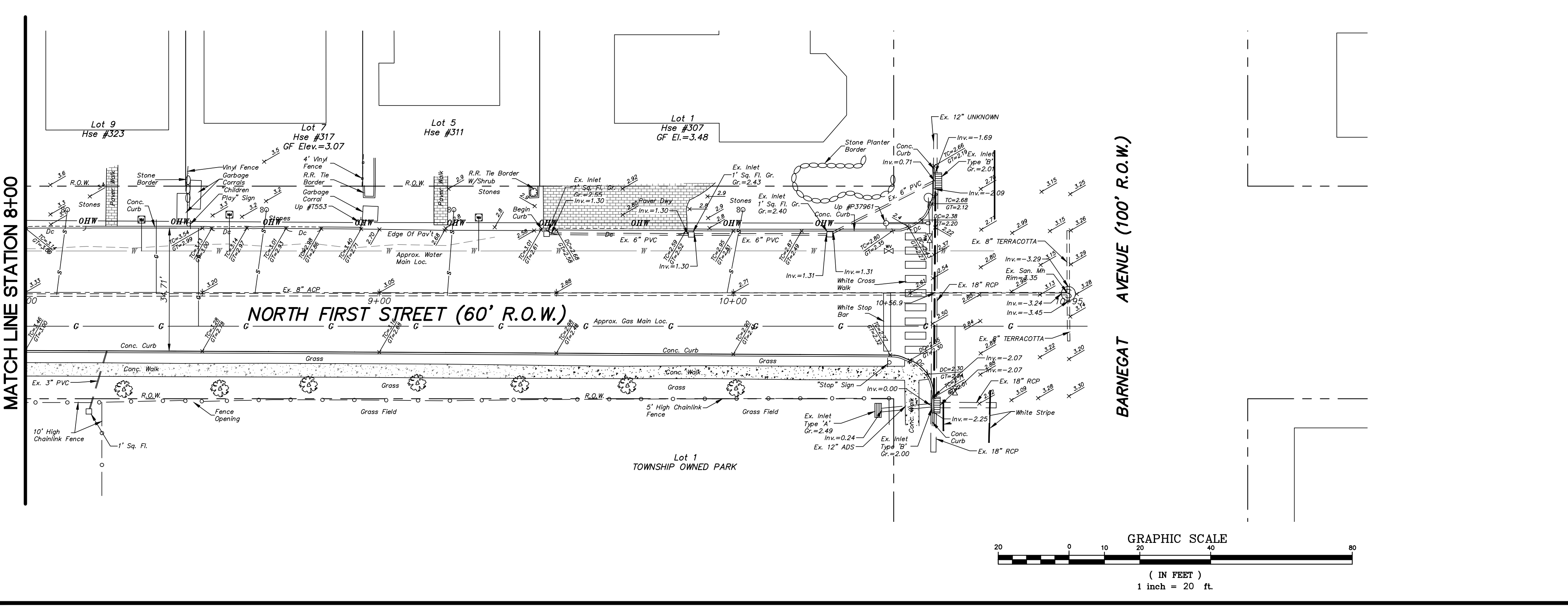
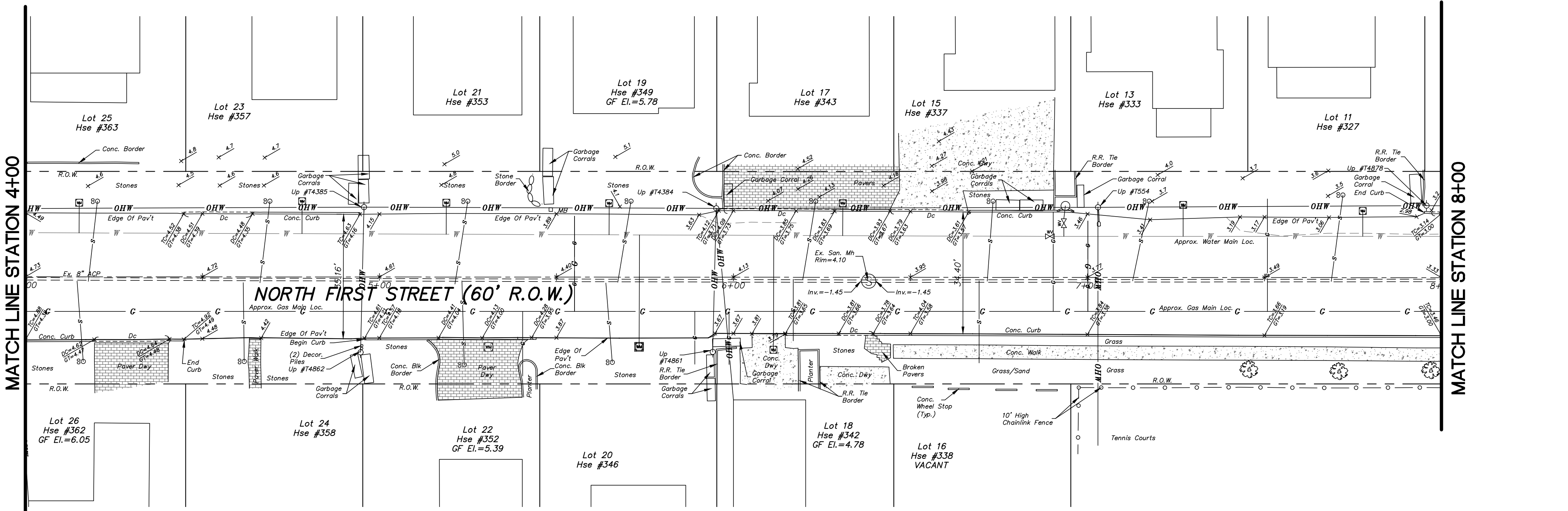
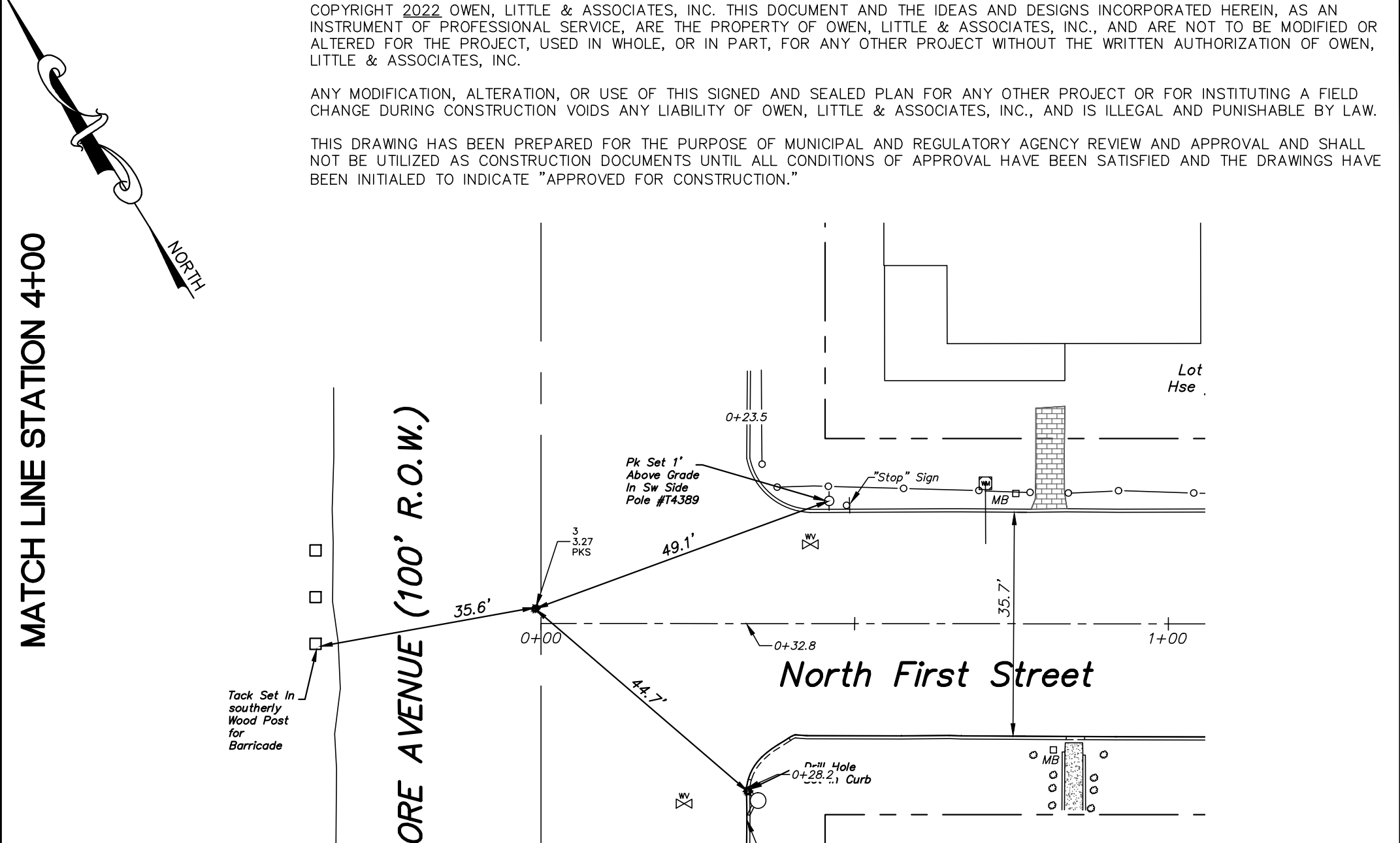
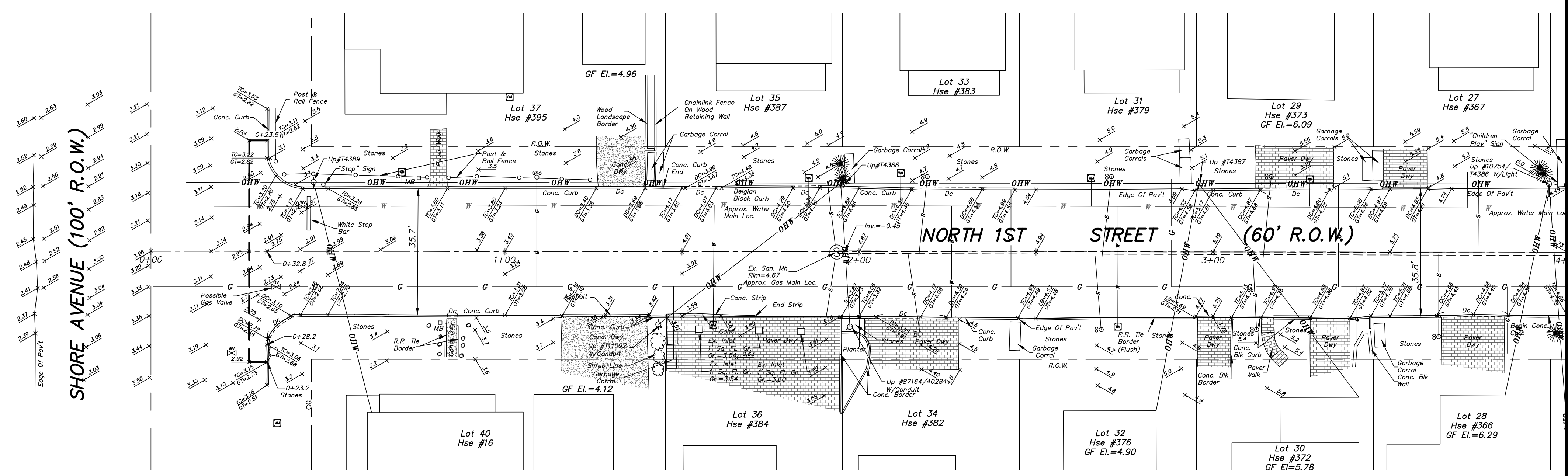
PROFESSIONAL ENGINEER
N.J. LIC. NO. 246E02708500
PROFESSIONAL PLANNER
N.J. LIC. NO. 03096

2021 DOT ROAD RECONSTRUCTION PROJECT
NORTH 1ST AND NORTH 3RD STREET
ROAD IMPROVEMENTS
TITLE SHEET

BOROUGH OF SURF CITY

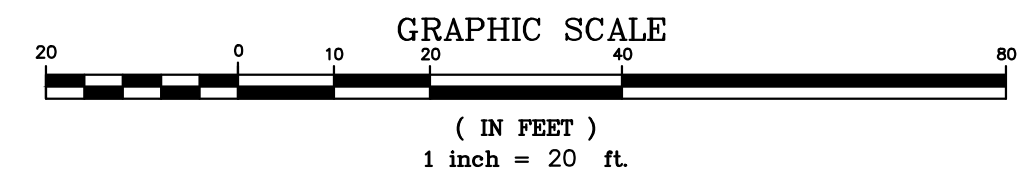
OCEAN COUNTY NEW JERSEY

SCALE	DATE	DRAWN	CHK'D	APPROVED FOR CONSTRUCTION	SURVEY & BILLING NO.	DRAWING NO.
1"=20'	8/15/22	JSM	AM JR	APPR.	22024275 SC 21RDS	1



BASELINE CONTROL				
Point #	Northing	Easting	Description	Elevation
1	300373.4753	583473.8601	PKS	2.70
3	300937.9481	582574.0369	PKS	3.27
3500	300935.4638	582573.5563	STA 0+00	
3501	300357.1090	583503.3544	STA 10+95	

- LEGEND**
- GAS VALVE
 - GAS SHUTOFF
 - WATER VALVE
 - WATER SHUTOFF
 - WATER METER
 - FIRE HYDRANT
 - SANITARY CLEANOUT
 - UTILITY POLE
 - UTILITY POLE W/LIGHT
 - UTILITY POLE W/GUY WIRE
 - SIGN
 - STREET ID SIGN
 - MAILBOX
 - SHRUB
 - EVERGREEN TYPE TREE
 - BROAD LEAF TREE
 - MILL AND OVERLAY

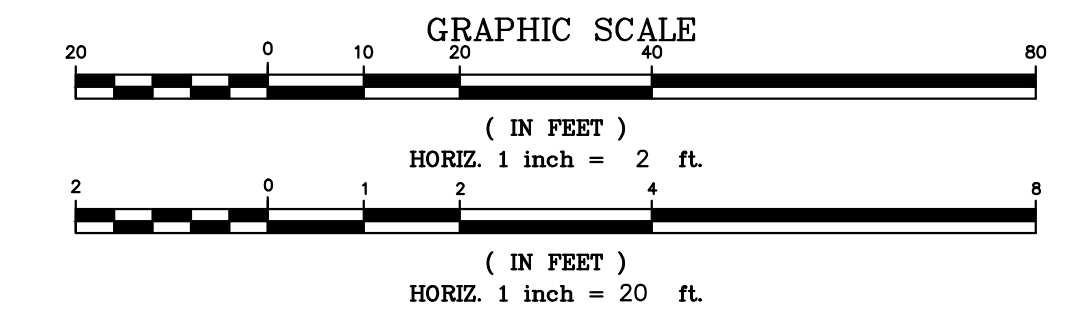


<p>OWEN, LITTLE & ASSOCIATES, INC. 443 Atlantic City Blvd. Brickton, NJ 08112 Tel: 732-244-1192 Fax: 732-241-3412</p>	<p>FRANK J. LITTLE, JR. P.E., P.P.</p> <p>PROFESSIONAL ENGINEER N.J. LIC. NO. 248E02708500 PROFESSIONAL PLANNER N.J. LIC. NO. 03096</p>	<p>NORTH 1ST STREET ROAD IMPROVEMENTS EXISTING CONDITIONS AND TIE CONTROL</p> <p>BOROUGH OF SURF CITY NEW JERSEY</p>	
	<p>10/05/22 REVISED PER PSE REVIEW COMMENTS DATED 10/05/22</p> <p>NO. DATE REVISION DESCRIPTION</p>	<p>SCALE DATE DRAWN CHK'D APPROVED FOR CONSTRUCTION SURVEY & BILLING NO. DRAWING NO.</p> <p>1"=20' 8/15/22 JSM AM JR APPR. 22-024275 SC 21RDS 2 15</p>	

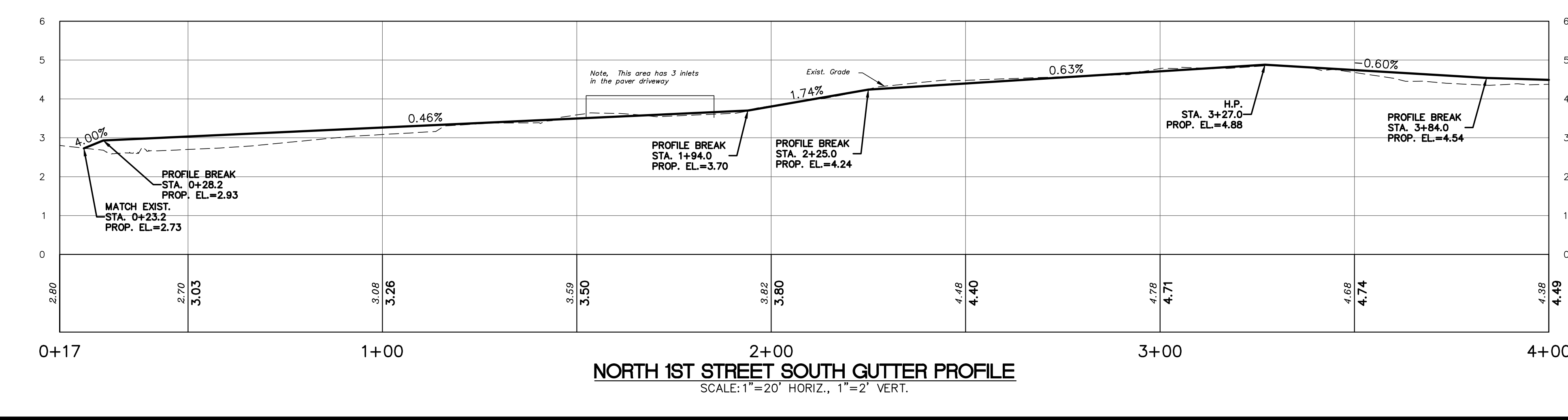
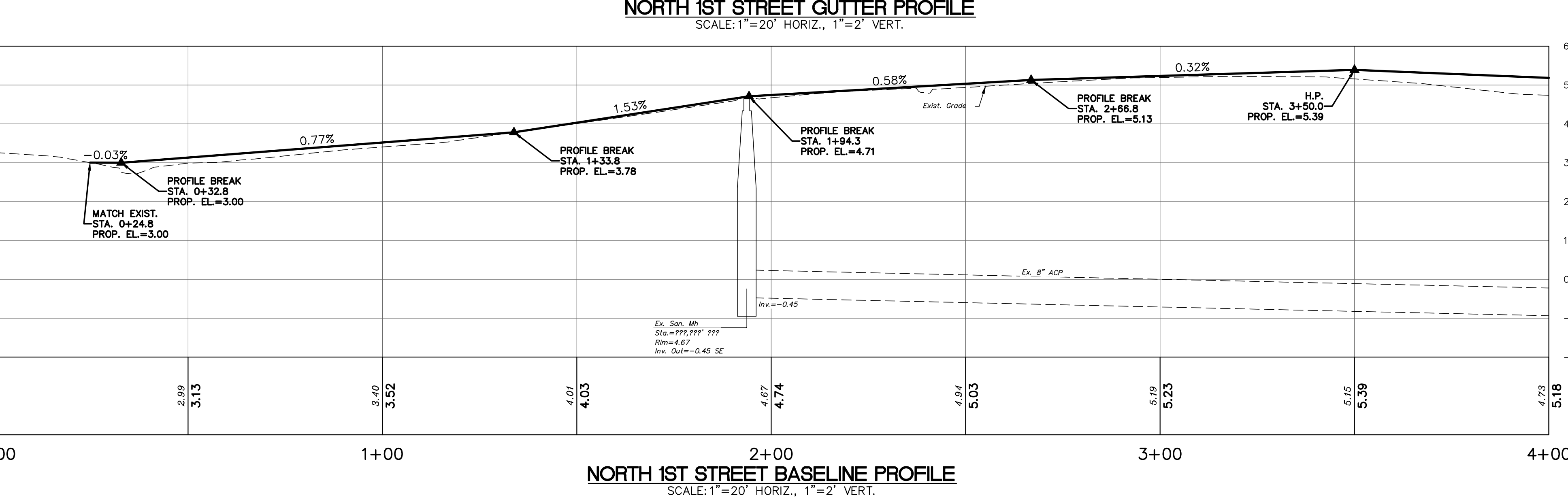
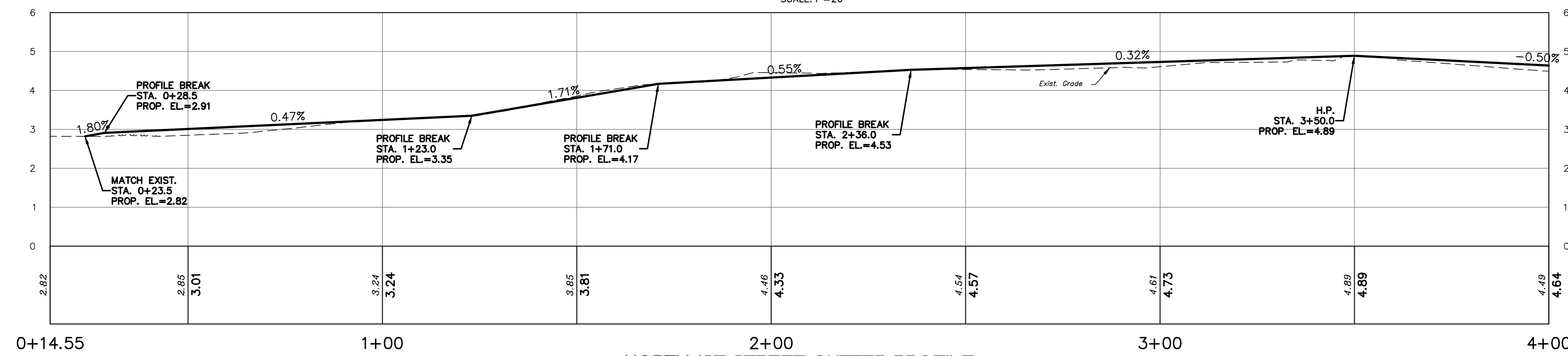
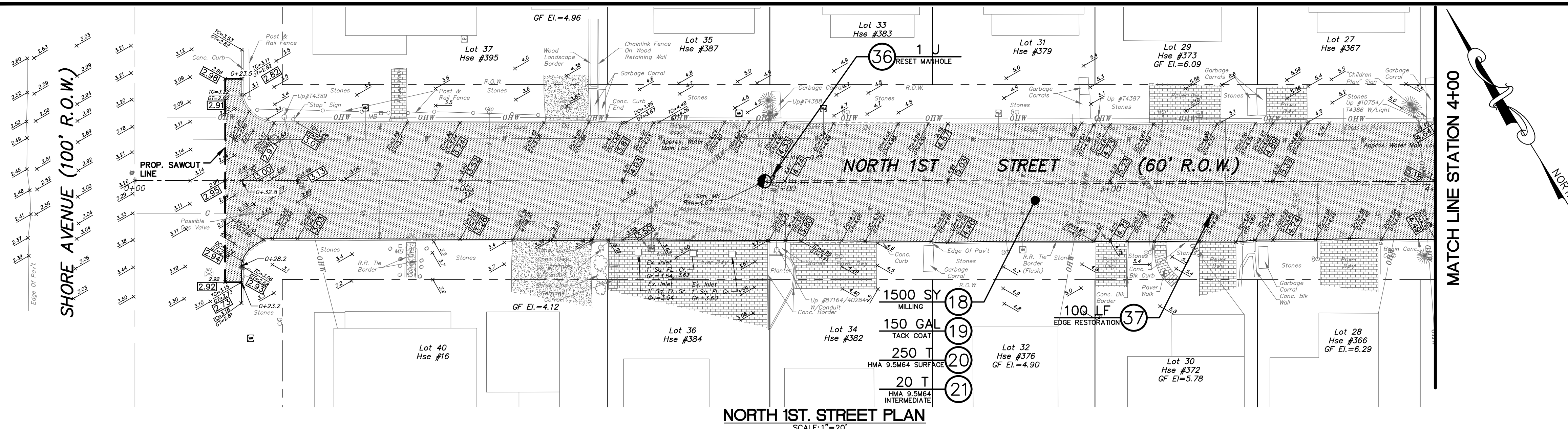
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38	8050302	6"x8" TIMBER LANDSCAPE TIE REPLACEMENT				LF

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NO.	DATE	REVISION DESCRIPTION	CONSTRUCTION	DRAWN CHK'D

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 443 Atlantic City Blvd.
 Brickwood, NJ 08122
 Tel: 732-244-1392
 Fax: 732-341-3412

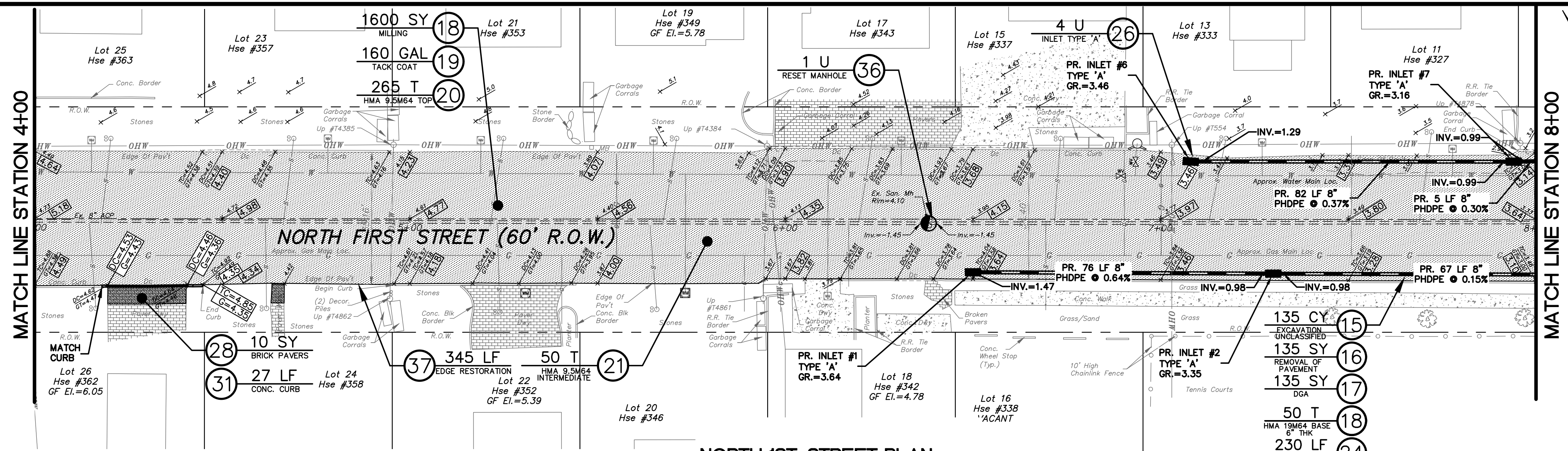
FRANK J. LITTLE, JR.
P.E., P.P.

PROFESSIONAL ENGINEER
 N.J. LIC. NO. 24802708500
 PROFESSIONAL PLANNER
 N.J. LIC. NO. 03098

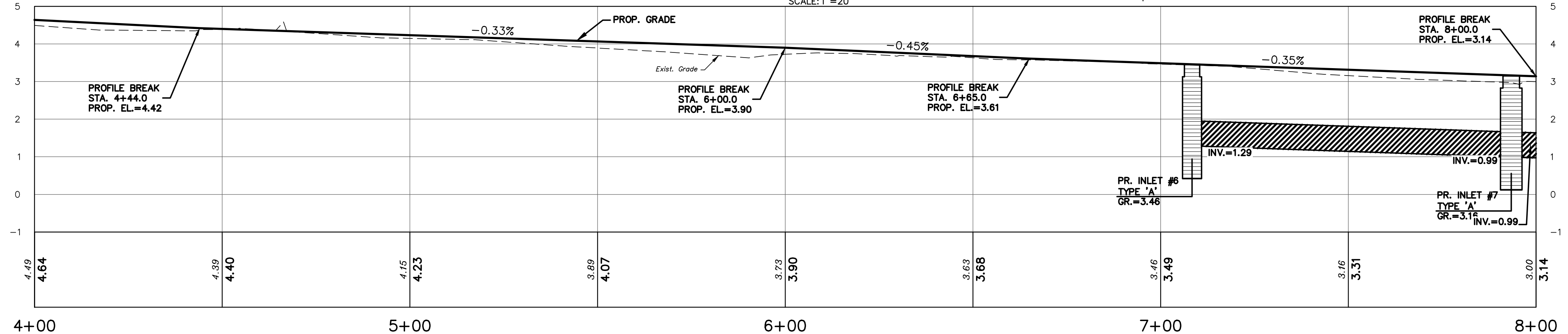
2021 DOT ROAD RECONSTRUCTION PROJECT
NORTH 1ST STREET
ROAD IMPROVEMENTS
PLAN AND PROFILE

BOROUGH OF SURF CITY
 OCEAN COUNTY
 NEW JERSEY

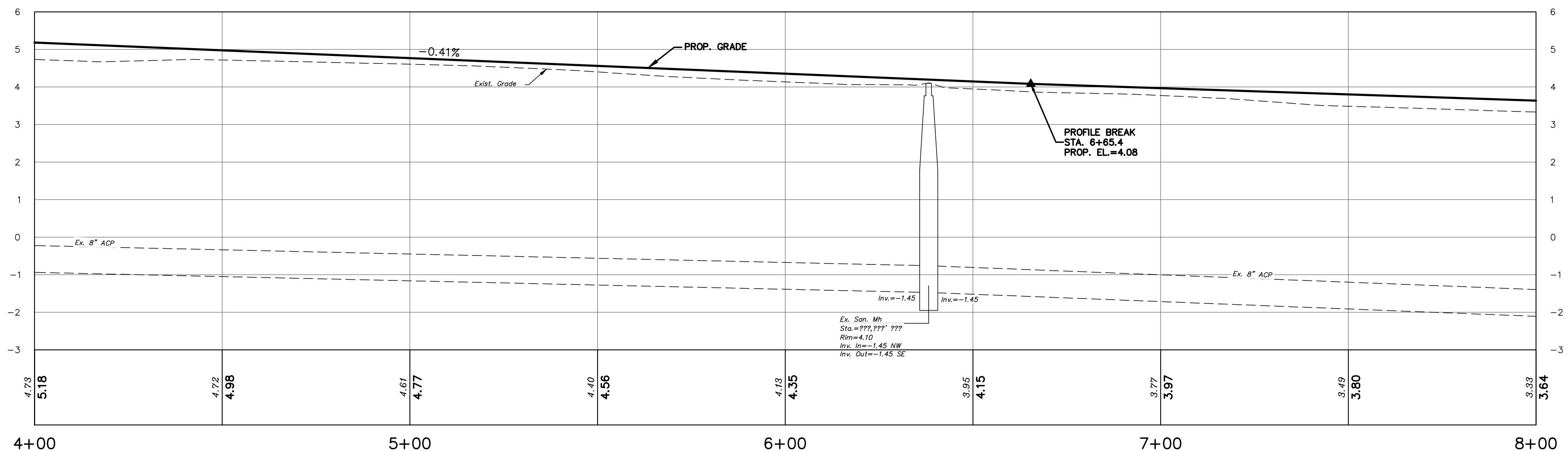
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1"=20'	8/15/22	JSM	AM JR	APPR.	22-024275 SC 21RDS	3



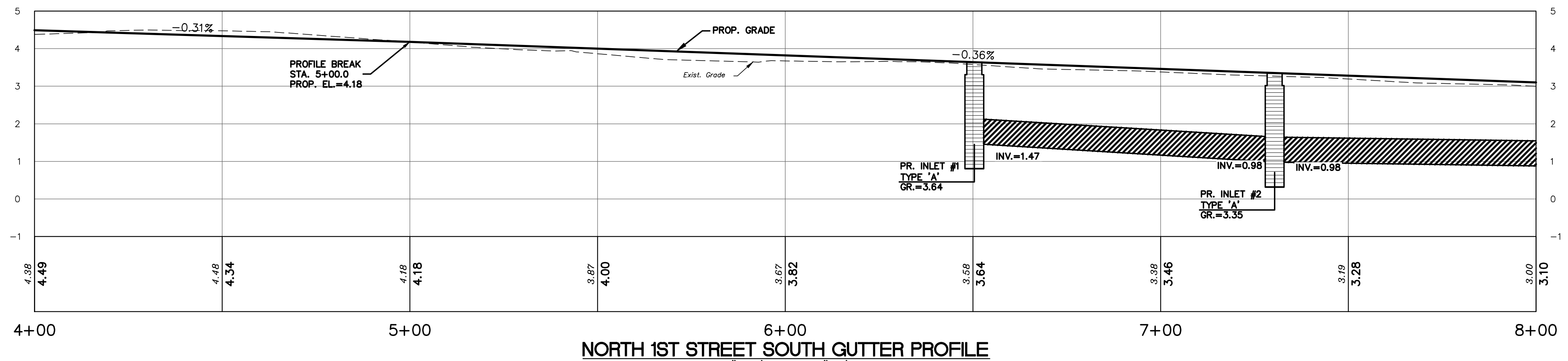
NORTH 1ST STREET PLAN
SCALE: 1"=20'



NORTH 1ST STREET NORTH GUTTER
SCALE: 1"=20' HORIZ., 1"=2' VERT.



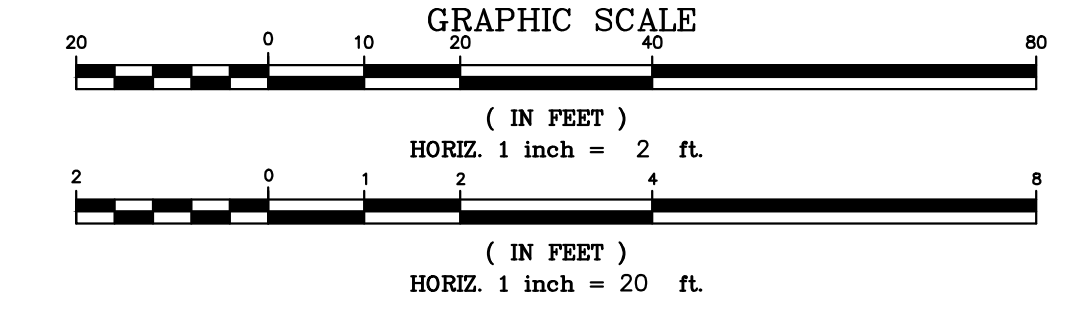
NORTH 1ST STREET BASELINE PROFILE
SCALE: 1"=20' HORIZ., 1"=2' VERT.



NORTH 1ST STREET SOUTH GUTTER PROFILE
SCALE: 1"=20' HORIZ., 1"=2' VERT.

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- SANITARY CLEANOUT
- UTILITY POLE
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- SIGN
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8	159009M	TRAFFIC CONE				U
9	159012M	CONSTRUCTION SIGNS				SF
10	159141M	POLICE TRAFFIC DIRECTORS				HR
11	160004M	FUEL PRICE ADJUSTMENTS				DOLL
12	160007M	ASPHALT PRICE ADJUSTMENTS				DOLL
13	201003P	CLEARING SITE				LS
14	202006M	EXCAVATION, TEST PITS				CY
15	202009P	EXCAVATION, UNCLASSIFIED	135			CY
16	202021P	REMOVAL OF PAVEMENT	135			CY
17	302036P	DENSE GRADED AGGREGATE, BASE COURSE, 6-INCH THICK	135			CY
18	302036P	HMA MILLING, 3" OR LESS	1600			SY
19	401030M	TACK COAT	160			GAL
20	401042M	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE, 2-1/2 INCH THICK	265			T
21	401042M	HOT MIX ASPHALT 9.5 M 64 INTERMEDIATE (LEVELING) COURSE	50			T
22	401096M	HOT MIX ASPHALT 19 M 64 BASE COURSE, VARIABLE THICKNESS	50			T
23	401108M	CORE SAMPLES, HOT MIX ASPHALT				U
24	601409P	8-INCH PERFORATED HIGH DENSITY POLYETHYLENE PIPE	230			LF
25	601419P	12-INCH HIGH DENSITY POLYETHYLENE PIPE				LF
26	602009M	INLET, TYPE A	4			U
27	606012P	CONCRETE SIDEWALK, 4" THICK				SY
28	606028P	RESET CONCRETE PAVERS	10			SY
29	606044P	STONE OR GRAVEL DRIVEWAY, 6-INCH THICK				SY
30	606057P	CONCRETE DRIVEWAY, 6" THICK				SY
31	607021P	9"x18" CONCRETE VERTICAL CURB	27			LF
32	607075P	GRANITE CURB				LF
33	606084P	DETECTABLE WARNING SURFACE				SY
34	610003M	TRAFFIC STRIPES, 4" WIDE, YELLOW				LF
35	MMR081M	TRAFFIC MARKINGS, LINE, THERMOPLASTIC, 24-WIDE, WHITE				LF
36	652432M	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING	1			U
37	8050302	EDGE RESTORATION	345			LF
38	8050302	6"x6" TIMBER LANDSCAPE TIE REPLACEMENT				LF

1	10/05/22	REVISED PER PSE REVIEW COMMENTS DATED 10/05/22	JSM	F.JL
NO.	DATE	REVISION DESCRIPTION	DRAWN	CHK'D

OWEN, LITTLE & ASSOCIATES, INC.
2464 SPENCER ROAD
SPENCER, NJ 07082
TEL: 732-344-1392
FAX: 732-341-3412

FRANK J. LITTLE, JR. P.E., P.P.

PROFESSIONAL ENGINEER
N.J. LIC. NO. 246E02708500
PROFESSIONAL PLANNER
N.J. LIC. NO. 03096

2021 DOT ROAD RECONSTRUCTION PROJECT
NORTH 1ST STREET ROAD IMPROVEMENTS PLAN AND PROFILE

BOROUGH OF SURF CITY
OCEAN COUNTY
NEW JERSEY

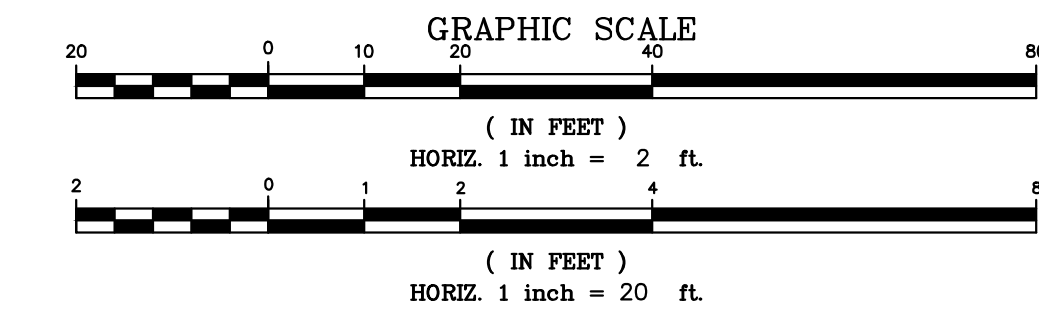
SCALE	DATE	DRAWN	CHK'D	APPROVED FOR CONSTRUCTION	SURVEY & BILLING NO.	DRAWING NO.
1"=20'	8/15/22	JSM	AM JR	APPR.	22-024275	4

SC 21RDS 15

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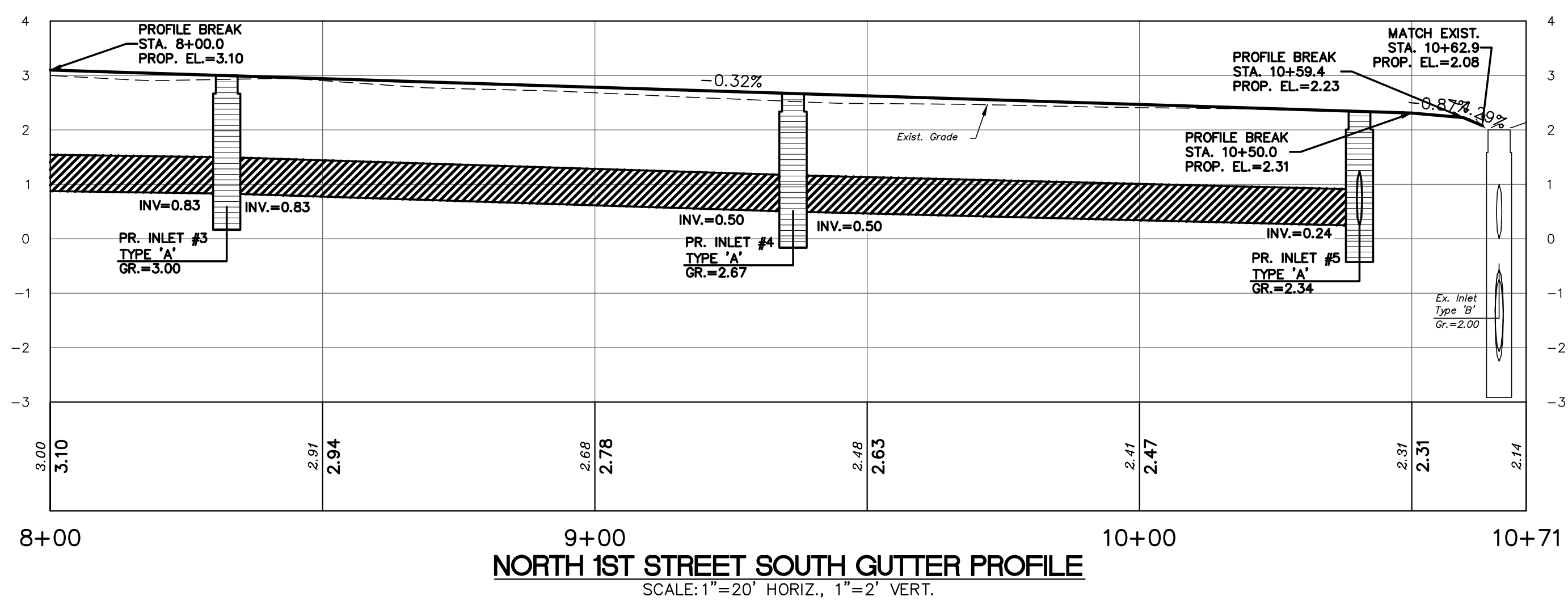
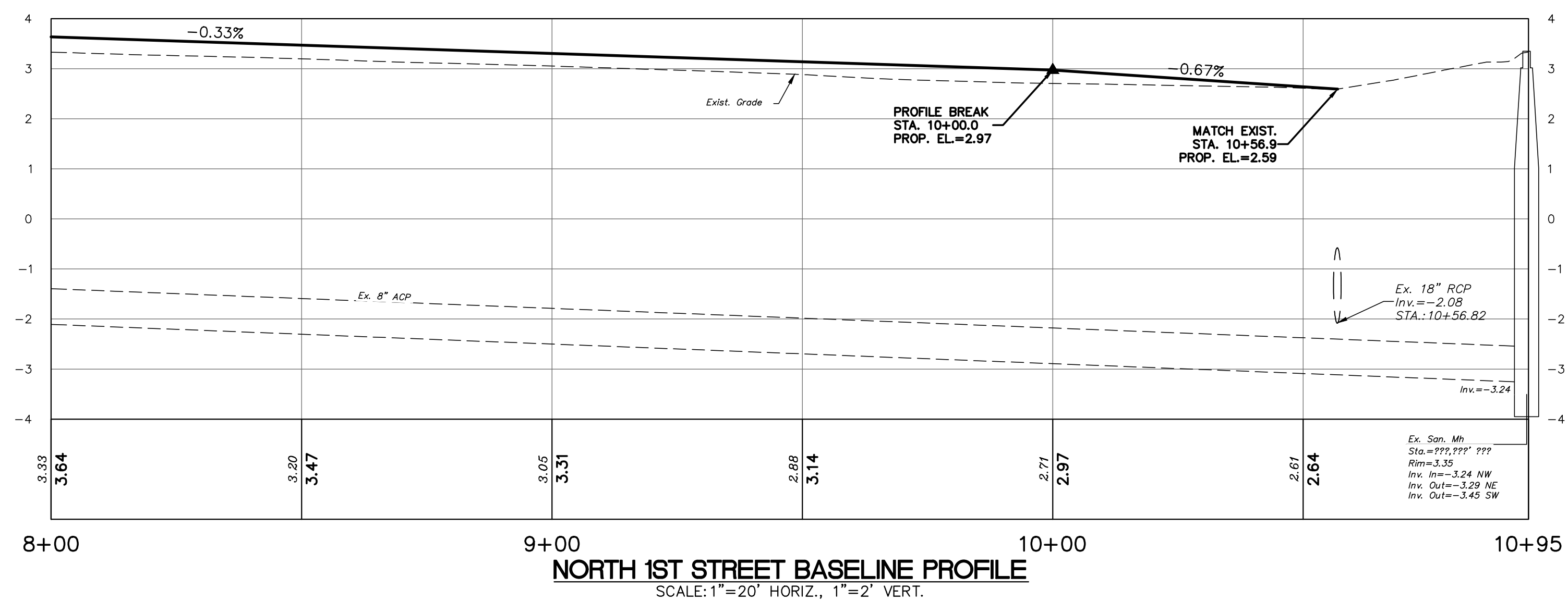
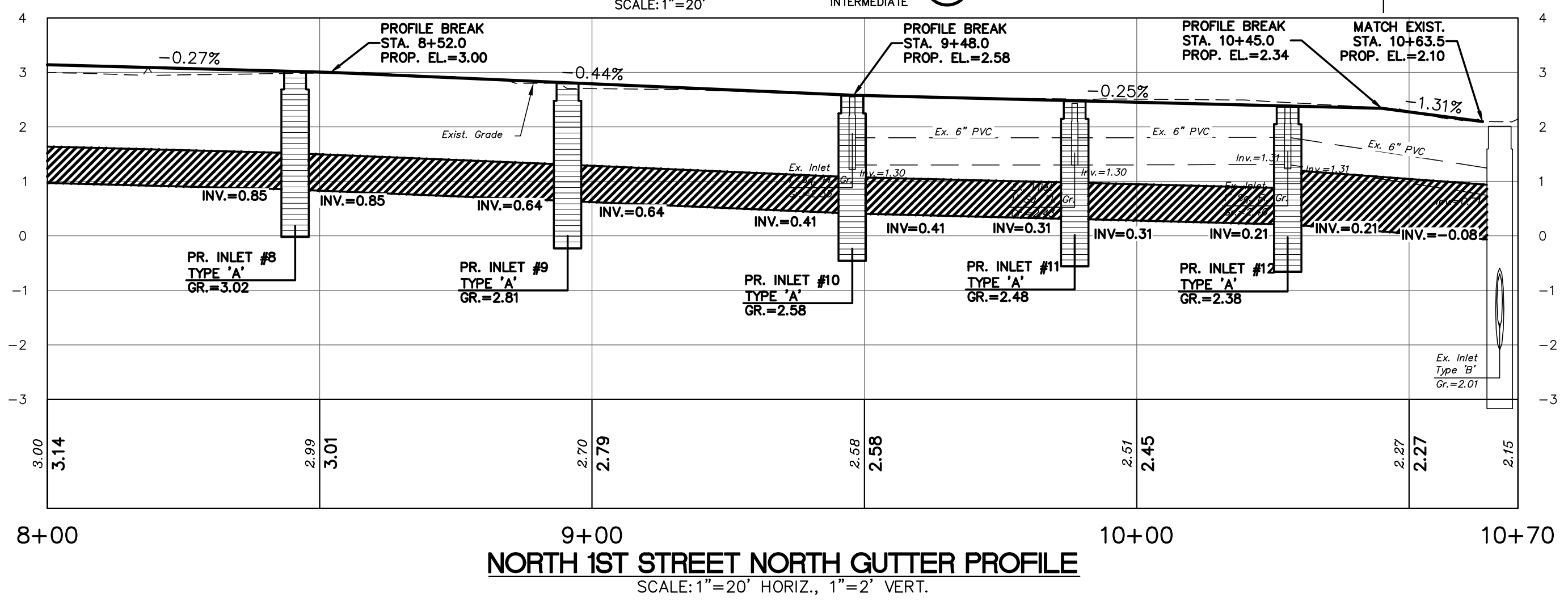
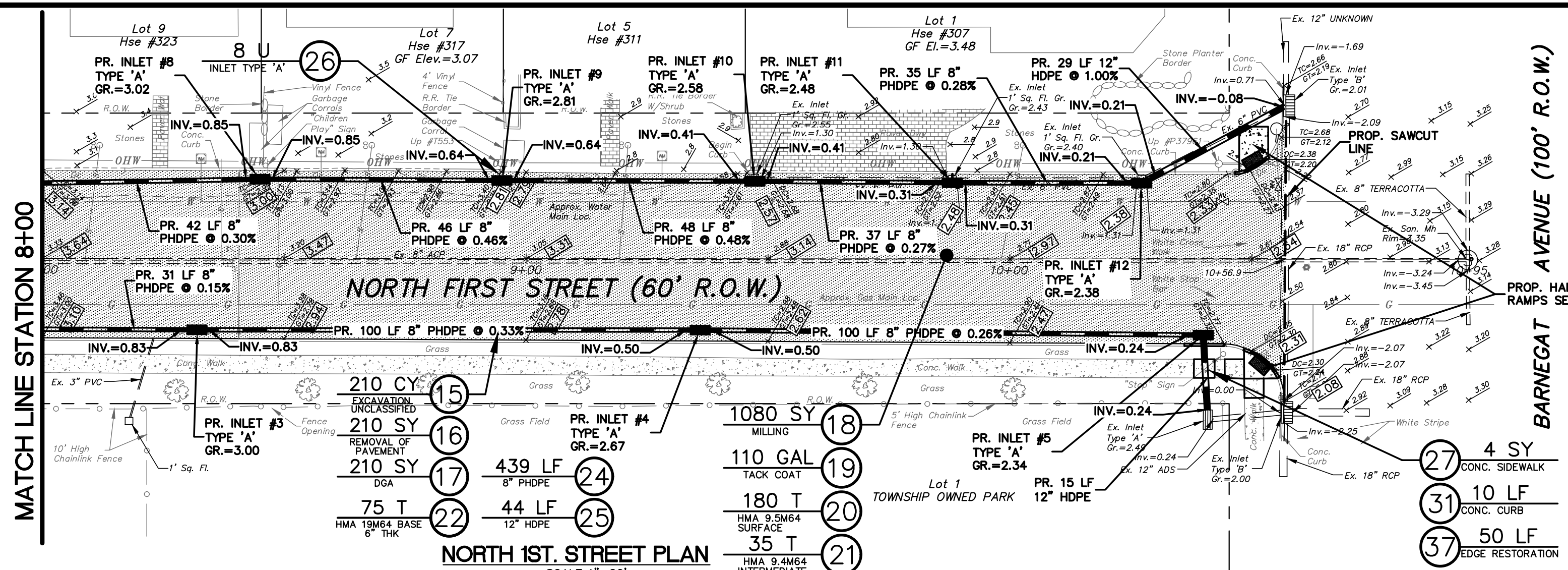
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THIS DRAWING HAS BEEN PREPARED FOR THE PURPOSE OF MUNICIPAL AND REGULATORY AGENCY REVIEW AND APPROVAL AND SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED AND THE DRAWINGS HAVE BEEN INITIALED TO INDICATE "APPROVED FOR CONSTRUCTION."



LEGEND

- GAS VALVE
- GAS SHUTOFF
- WATER VALVE
- WATER SHUTOFF
- WATER METER
- FIRE HYDRANT
- SANITARY CLEANOUT
- UTILITY POLE
- UTILITY POLE W/LIGHT
- UTILITY POLE W/GUY WIRE
- SIGN
- STREET ID SIGN
- MAILBOX
- SHRUB
- EVERGREEN TYPE TREE
- BROAD LEAF TREE
- MILL AND OVERLAY



NOTE: THE 2019 U.S. CUSTOMARY ENGLISH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE NEW JERSEY DEPARTMENT OF TRANSPORTATION, LATEST EDITION, INCLUDING ALL BASELINE DOCUMENT CHANGE (BDC) ANNOUNCEMENTS SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT.
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2	151006M	PAYMENT BOND				DOLL
3	154003P	MOBILIZATION				LS
4	157004M	CONSTRUCTION LAYOUT				DOLL
5	158027M	INLET FILTER TYPE 1				SF
6	159003M	BREAKAWAY BARRICADE				U
7	159006M	DRUM				U
8	159009M	TRAFFIC CONE				U
9	159012M	CONSTRUCTION SIGNS				SF
10	159141M	POLICE TRAFFIC DIRECTORS				HR
11	160004M	FUEL PRICE ADJUSTMENTS				DOLL
12	160007M	ASPHALT PRICE ADJUSTMENTS				DOLL
13	201003P	CLEARING SITE				LS
14	202006M	EXCAVATION, TEST PITS				CY
15	202009P	EXCAVATION, UNCLASSIFIED	210			CY
16	202021P	REMOVAL OF PAVEMENT	210			CY
17	302036P	DENSE GRADED AGGREGATE, BASE COURSE, 6-INCH THICK	210			CY
18	302036P	HMA MILLING, 3" OR LESS	1080			SY
19	401030M	TACK COAT	110			GAL
20	401042M	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE, 2-1/2 INCH THICK	180			T
21	401042M	HOT MIX ASPHALT 9.5 M 64 INTERMEDIATE (LEVELING) COURSE	35			T
22	401096M	HOT MIX ASPHALT 19 M 64 BASE COURSE, VARIABLE THICKNESS	75			T
23	401108M	CORE SAMPLES, HOT MIX ASPHALT				U
24	601409P	8-INCH PERFORATED HIGH DENSITY POLYETHYLENE PIPE	439			LF
25	601419P	12-INCH HIGH DENSITY POLYETHYLENE PIPE	44			LF
26	602009M	INLET, TYPE A	8			U
27	606012P	CONCRETE SIDEWALK, 4" THICK	4			SY
28	606028P	RESET CONCRETE PAVERS				SY
29	606044P	STONE OR GRAVEL DRIVEWAY, 6-INCH THICK				SY
30	606057P	CONCRETE DRIVEWAY, 6" THICK				SY
31	607021P	9"x18" CONCRETE VERTICAL CURB	10			LF
32	607075P	GRANITE CURB				LF
33	606084P	DETECTABLE WARNING SURFACE				SY
34	610003M	TRAFFIC STRIPES, 4" WIDE, YELLOW				LF
35	MMR081M	TRAFFIC MARKINGS, LINE, THERMOPLASTIC, 24-WIDE, WHITE				LF
36	652432M	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING				U
37	8050302	EDGE RESTORATION	50			LF
38	8050302	6"x6" TIMBER LANDSCAPE TIE REPLACEMENT				LF

1	10/05/22	REVISED PER PSE REVIEW COMMENTS DATED 10/05/22	JSM	F.JL
NO.	DATE	REVISION DESCRIPTION	DRAWN	CHK'D

OWEN, LITTLE & ASSOCIATES, INC.
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P.E., P.P.

PROFESSIONAL ENGINEER
 N.J. LIC. NO. 248E02708500
 PROFESSIONAL PLANNER
 N.J. LIC. NO. 03096

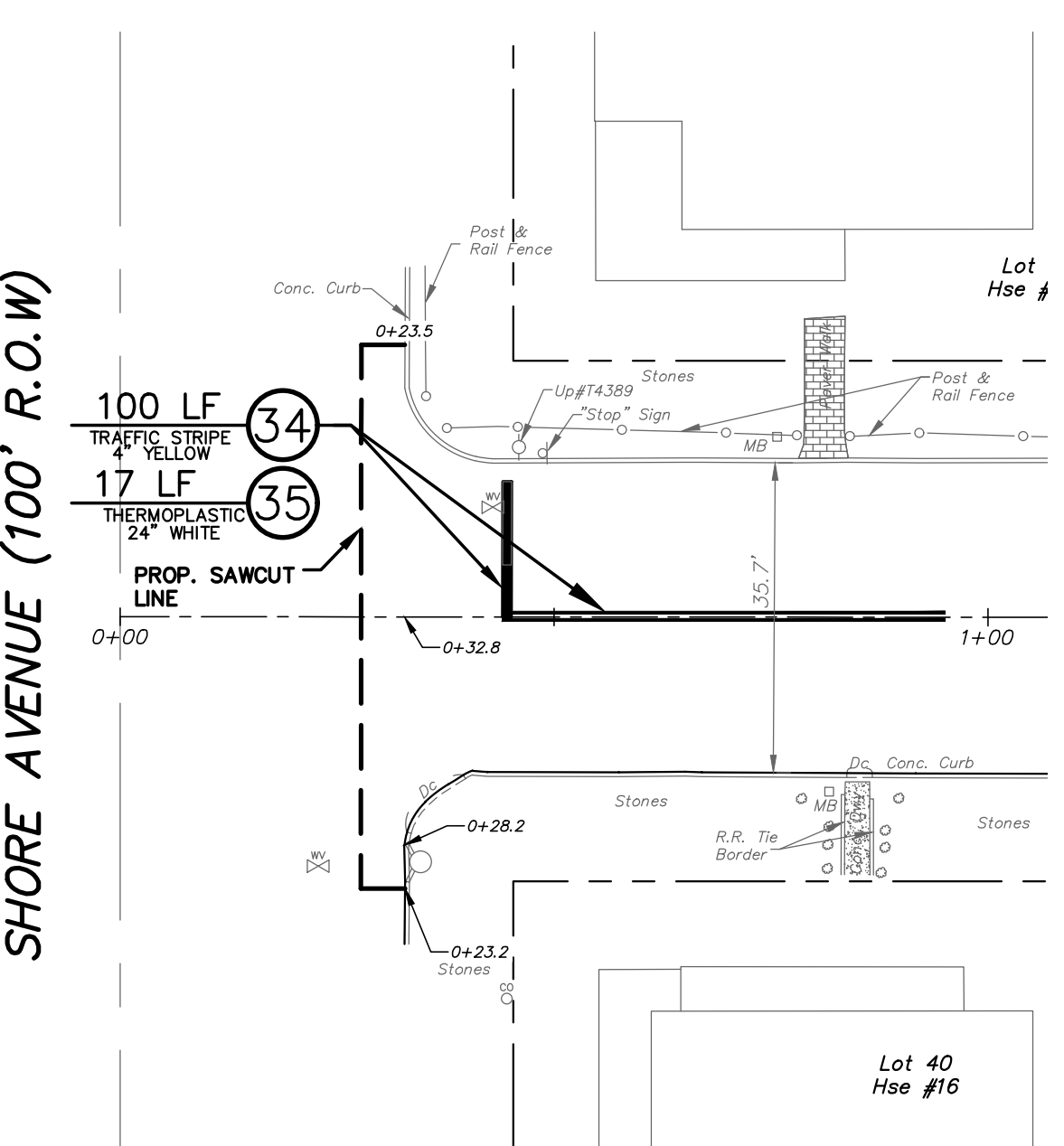
2021 DOT ROAD RECONSTRUCTION PROJECT
NORTH 1ST STREET
ROAD IMPROVEMENTS
PLAN AND PROFILE

BOROUGH OF SURF CITY
 OCEAN COUNTY
 NEW JERSEY

SCALE	DATE	DRAWN	CHK'D	APPROVED FOR CONSTRUCTION	SURVEY & BILLING NO.	DRAWING NO.
1"=20'	8/15/22	JSM	AM JR	APPR.	22-024275	5

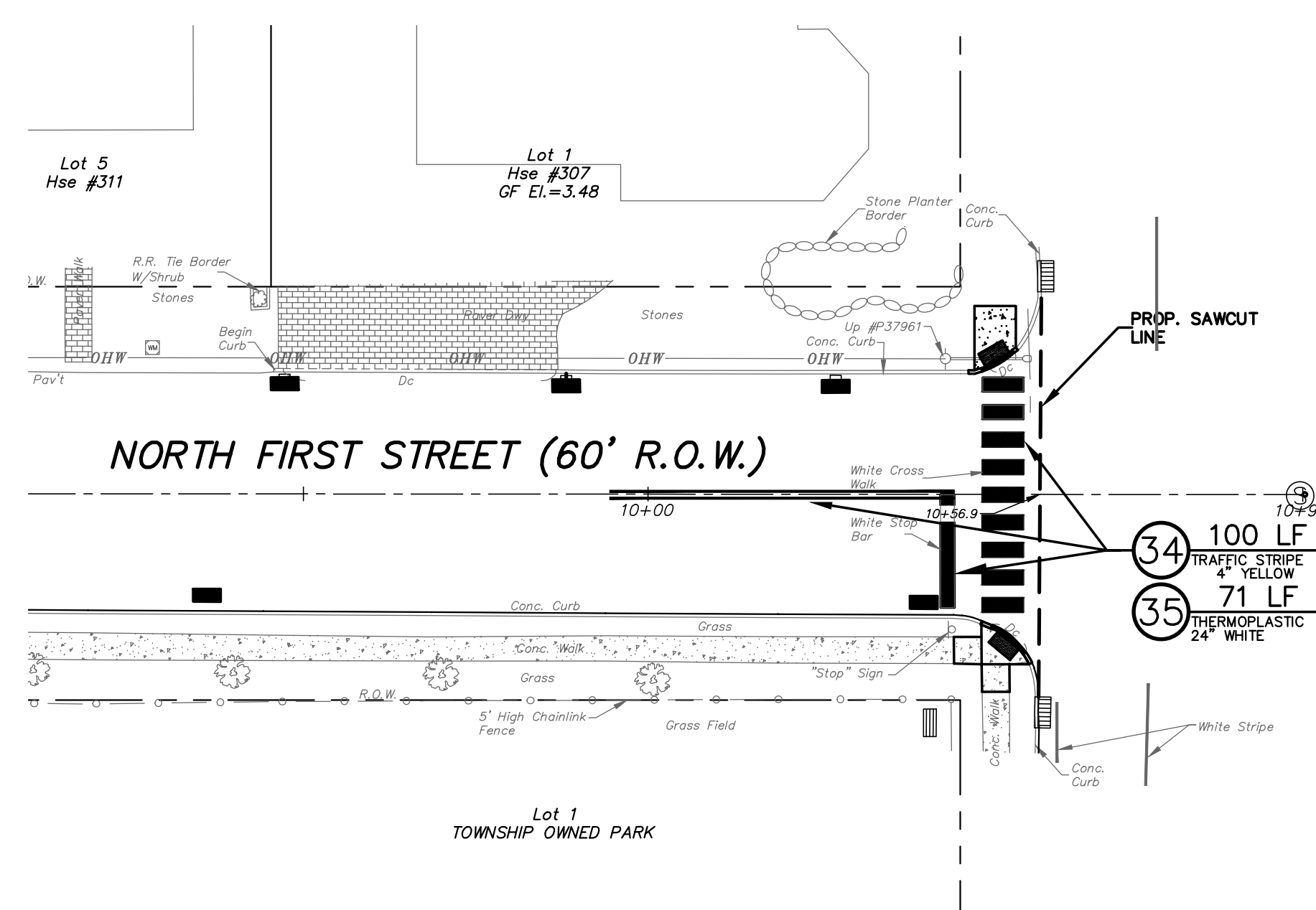
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SHORE AVENUE (100' R.O.W.)



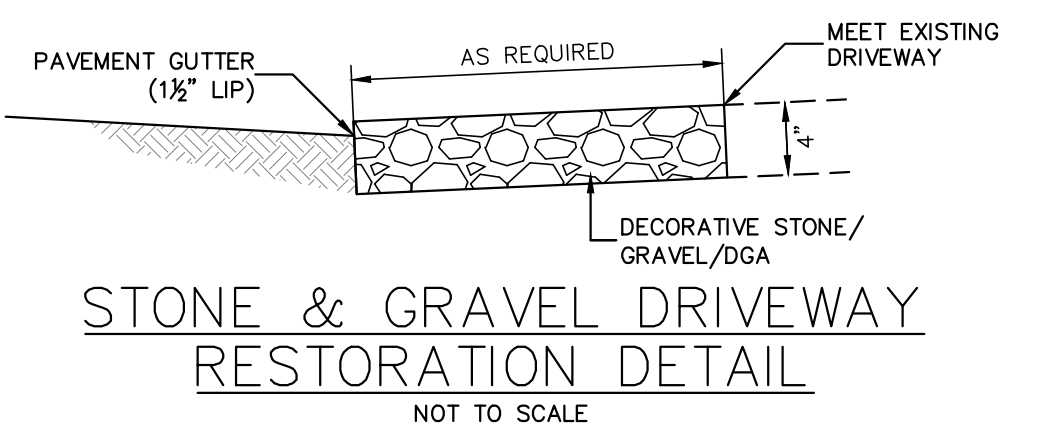
STRIPING DETAIL
SCALE: 1"=20'

Lot 5 Hse #311

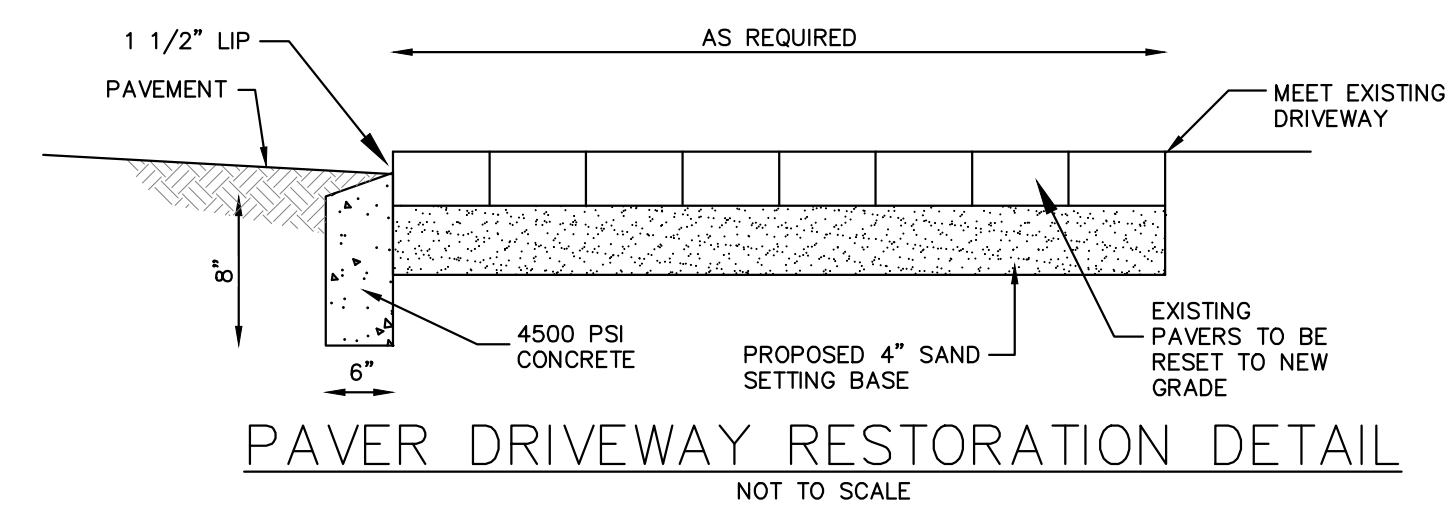


STRIPING DETAIL
SCALE: 1"=20'

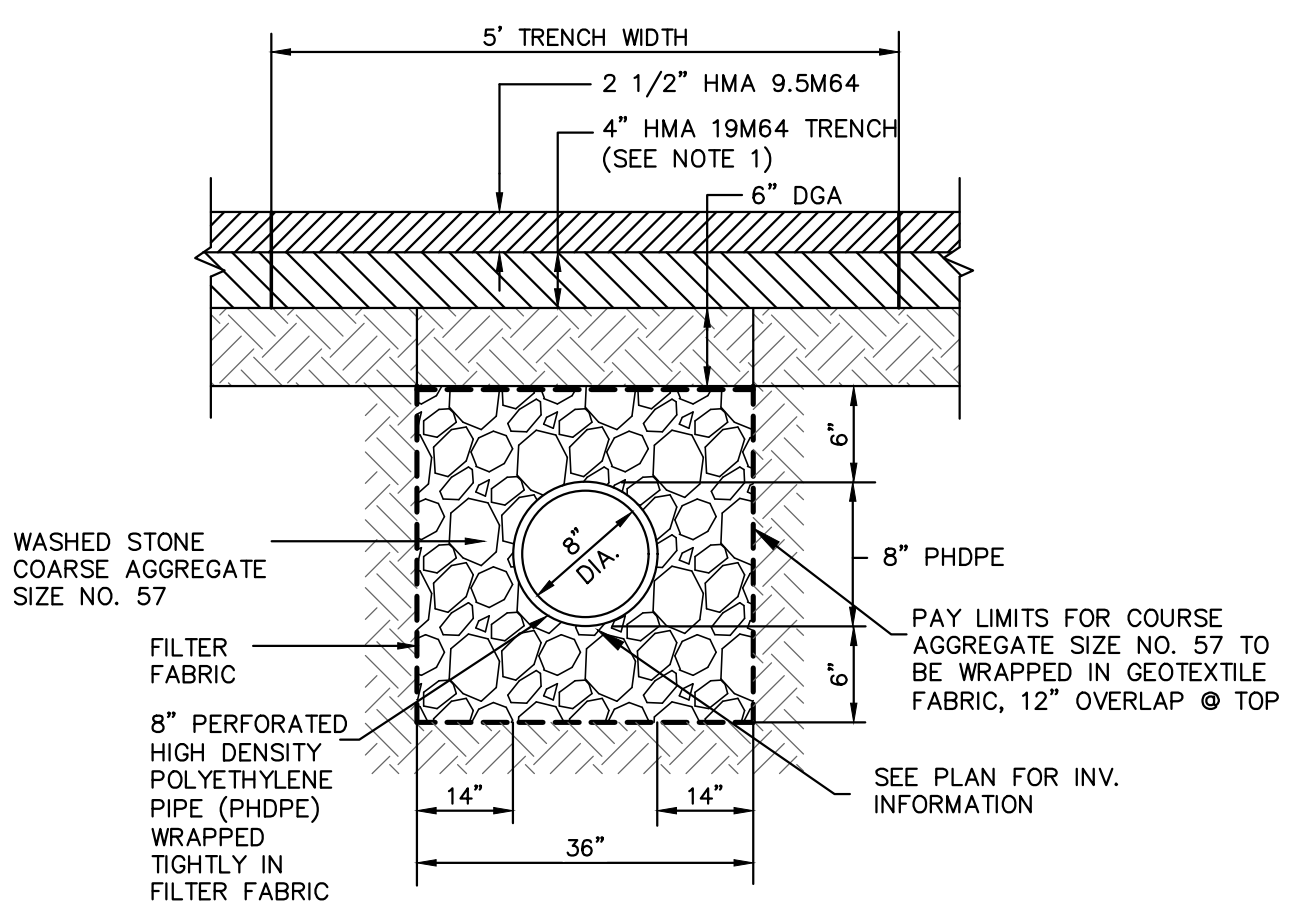
BARNEGAT AVENUE (100' R.O.W.)



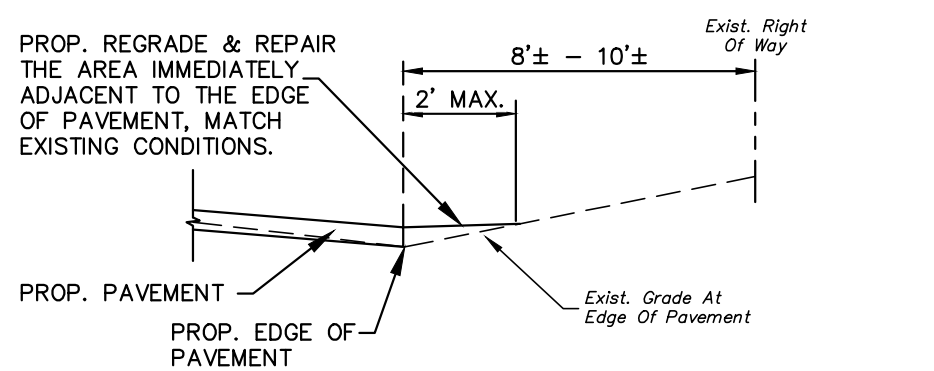
STONE & GRAVEL DRIVEWAY RESTORATION DETAIL
NOT TO SCALE



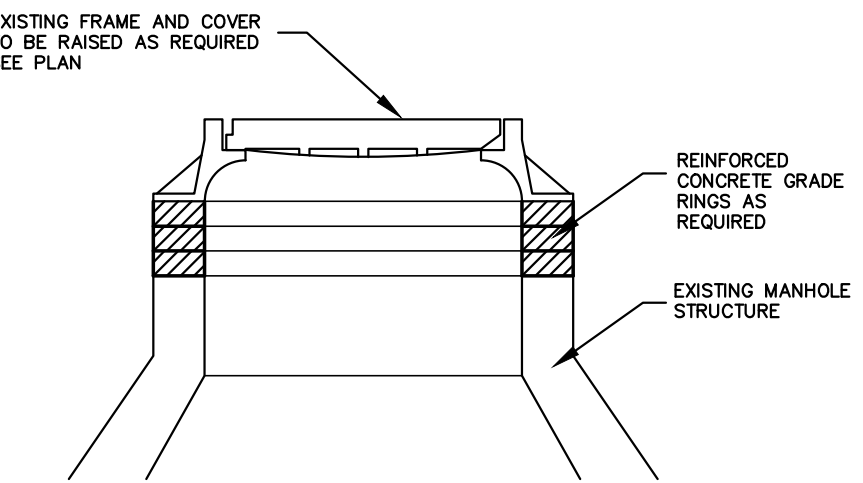
PAVER DRIVEWAY RESTORATION DETAIL
NOT TO SCALE



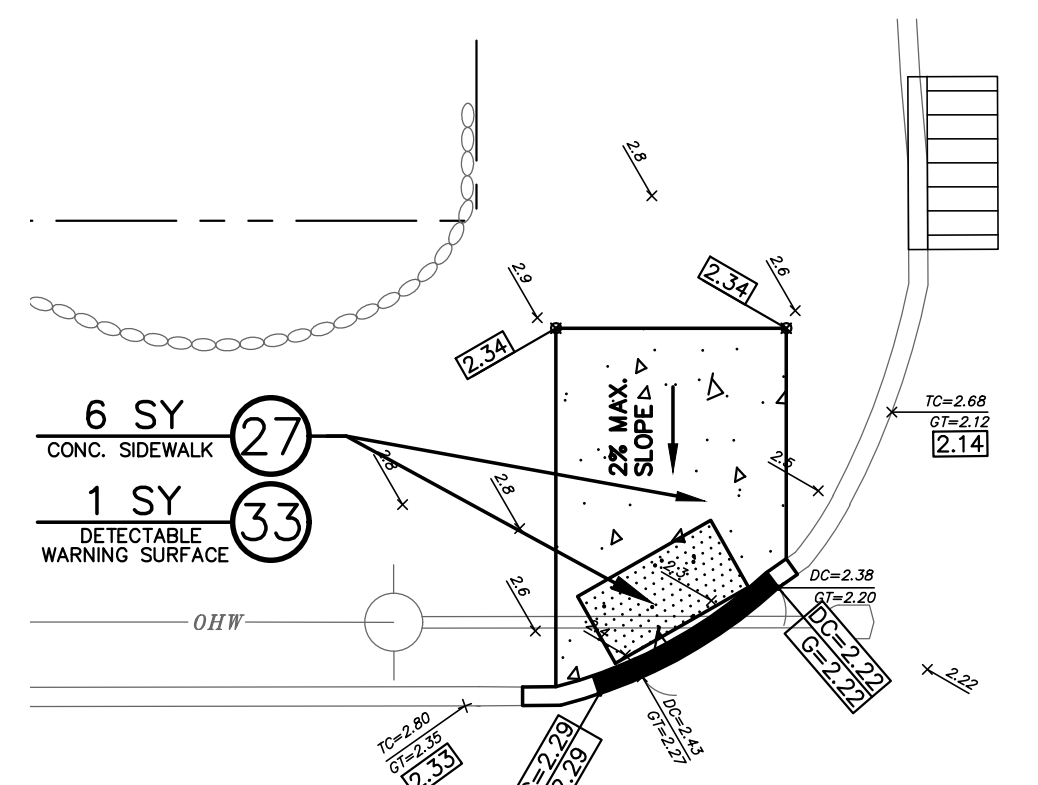
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EDGE RESTORATION DETAIL
N.T.S.



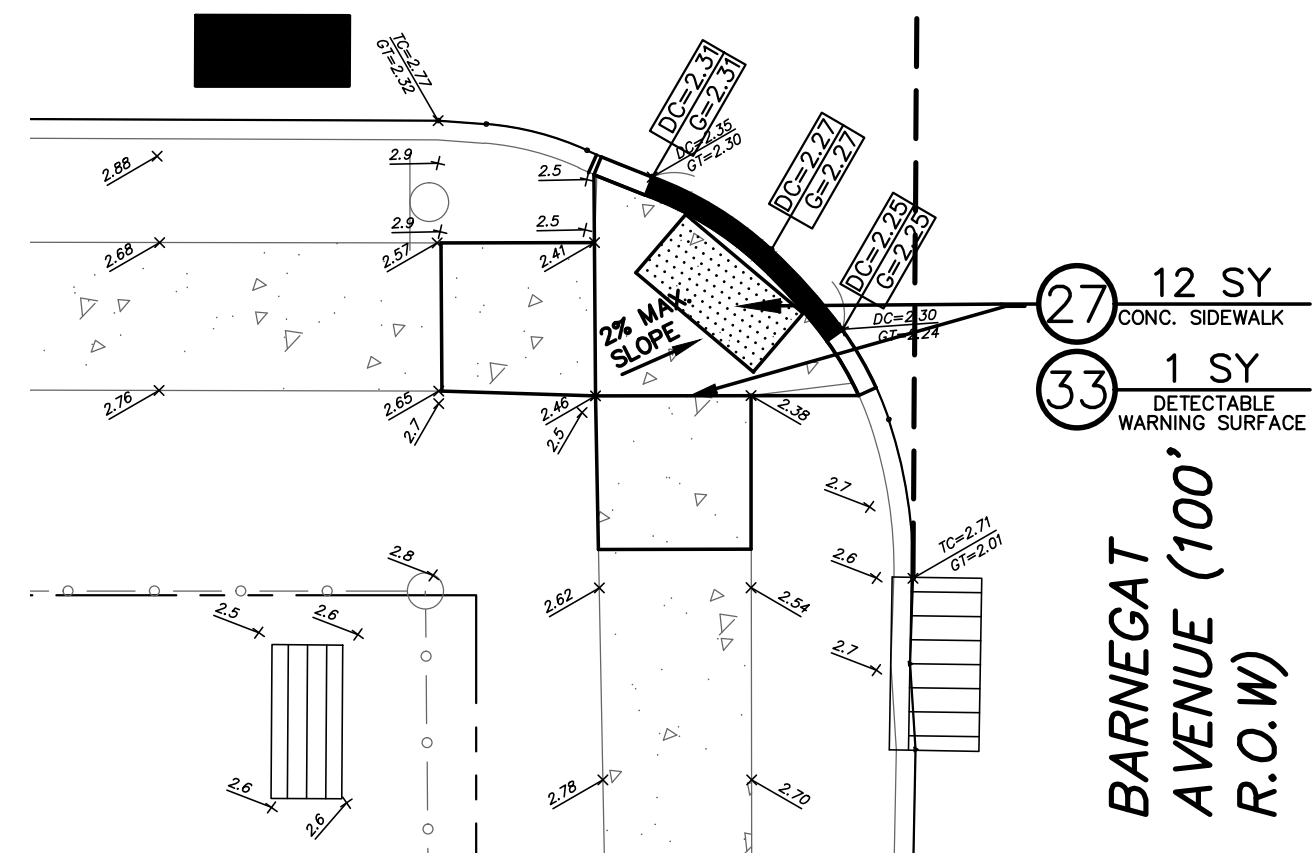
SANITARY SEWER MANHOLE EXTENSION
N.T.S.



NORTH FIRST STREET (60' R.O.W.)

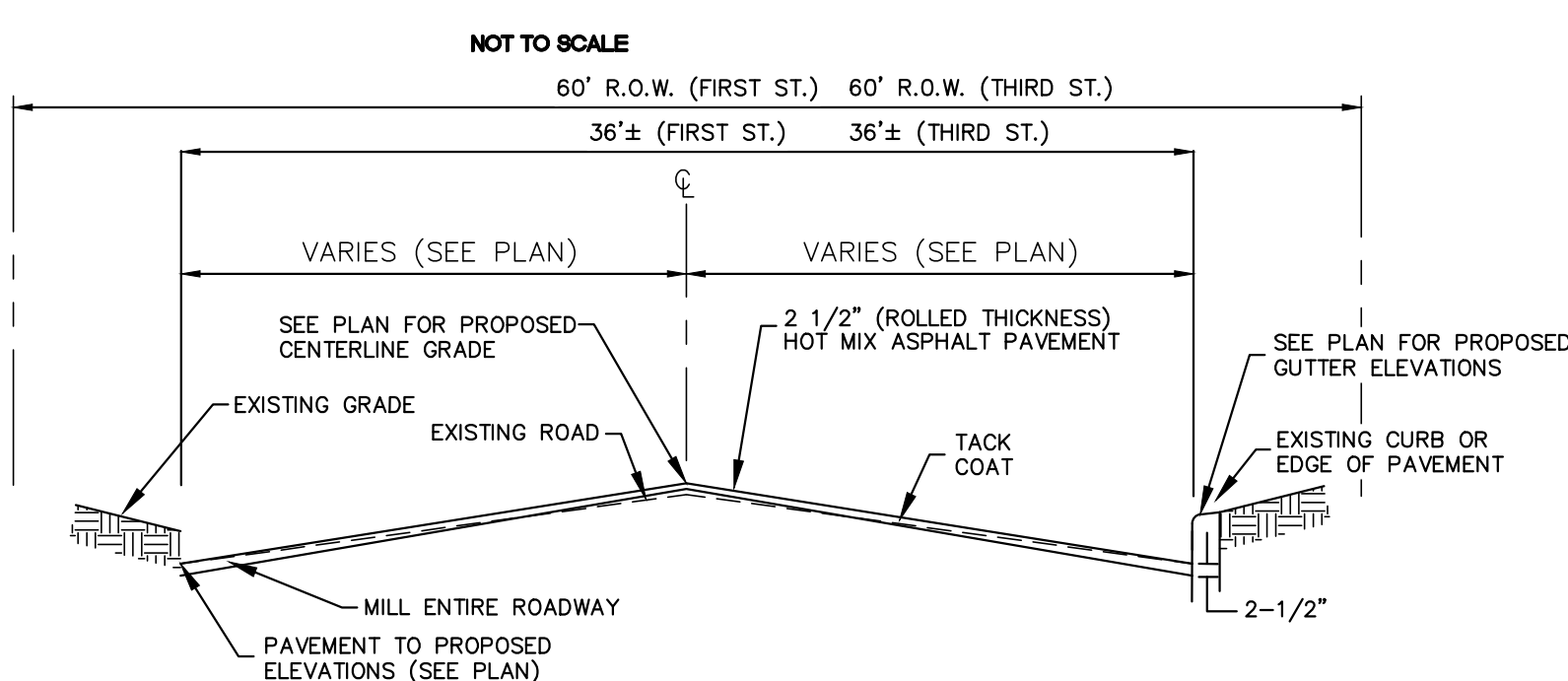
HANDICAP RAMP DETAIL
SCALE 1"=6'

NORTH FIRST STREET (60' R.O.W.)

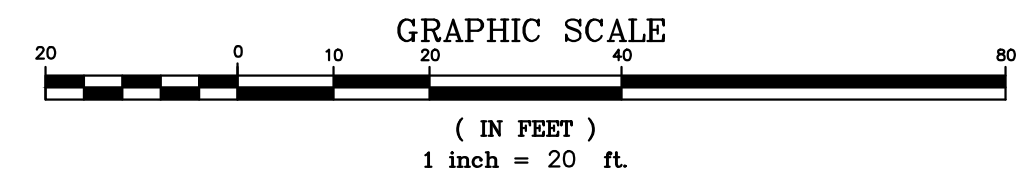


NORTH FIRST STREET (60' R.O.W.)

HANDICAP RAMP DETAIL
SCALE 1"=6'



TYPICAL CROSS SECTION
NOT TO SCALE



GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

LEGEND

- GAS VALVE
- GAS SHUTOFF
- WATER VALVE
- WATER SHUTOFF
- FIRE HYDRANT
- UTILITY POLE
- UTILITY POLE W/LIGHT
- UTILITY POLE W/GUY WIRE
- SIGN
- STREET ID SIGN
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- EVERGREEN TYPE TREE
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4	157004M	CONSTRUCTION LAYOUT				DOLL
5	158027M	INLET FILTER TYPE 1				SF
6	159003M	BREAKAWAY BARRICADE				U
7	159006M	DRUM				U
8	159009M	TRAFFIC CONE				U
9	159012M	CONSTRUCTION SIGNS				SF
10	159141M	POLICE TRAFFIC DIRECTORS				HR
11	160004M	FUEL PRICE ADJUSTMENTS				DOLL
12	160007M	ASPHALT PRICE ADJUSTMENTS				DOLL
13	201003P	CLEARING SITE				LS
14	202006M	EXCAVATION, TEST PITS				CY
15	202009P	EXCAVATION, UNCLASSIFIED				CY
16	202021P	REMOVAL OF PAVEMENT				CY
17	302036P	DENSE GRADED AGGREGATE, BASE COURSE, 6-INCH THICK				CY
18	302036P	HMA MILLING, 3" OR LESS				SY
19	401030M	TACK COAT				GAL
20	401042M	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE, 2-1/2 INCH THICK				T
21	401042M	HOT MIX ASPHALT 9.5 M 64 INTERMEDIATE (LEVELING) COURSE				T
22	401096M	HOT MIX ASPHALT 19 M 64 BASE COURSE, VARIABLE THICKNESS				T
23	401108M	CORE SAMPLES, HOT MIX ASPHALT				U
24	601409P	8-INCH PERFORATED HIGH DENSITY POLYETHYLENE PIPE				LF
25	601419P	12-INCH HIGH DENSITY POLYETHYLENE PIPE				LF
26	602009M	INLET, TYPE A				U
27	606012P	CONCRETE SIDEWALK, 4" THICK	18			SY
28	606028P	RESET CONCRETE PAVERS				SY
29	606044P	STONE OR GRAVEL DRIVEWAY, 6-INCH THICK				SY
30	606057P	CONCRETE DRIVEWAY, 6" THICK				SY
31	607021P	8"x18" CONCRETE VERTICAL CURB				LF
32	607075P	GRANITE CURB				LF
33	606084P	DETECTABLE WARNING SURFACE	2			SY
34	610003M	TRAFFIC STRIPES, 4" WIDE, YELLOW	200			LF
35	MMR081M	TRAFFIC MARKINGS, LINE, THERMOPLASTIC, 24-WIDE, WHITE	88			LF
36	652432M	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING				U
37	8050302	EDGE RESTORATION				LF
38	8050302	6"x6" TIMBER LANDSCAPE TIE REPLACEMENT				LF

1 10/05/22 REVISED PER PSE REVIEW COMMENTS DATED 10/05/22 JSM F.J.L.
NO. DATE REVISION DESCRIPTION DRAWN CHK'D

OWEN, LITTLE & ASSOCIATES, INC.
443 Atlantic City Blvd.
Bridgeton, NJ 08302
Tel: 732-244-1392
Fax: 732-244-1412

FRANK J. LITTLE, JR. P.E., P.P.

2021 DOT ROAD RECONSTRUCTION PROJECT
NORTH 1ST STREET ROAD IMPROVEMENTS
STRIPING PLAN AND CONSTRUCTION DETAILS

BOROUGH OF SURF CITY NEW JERSEY

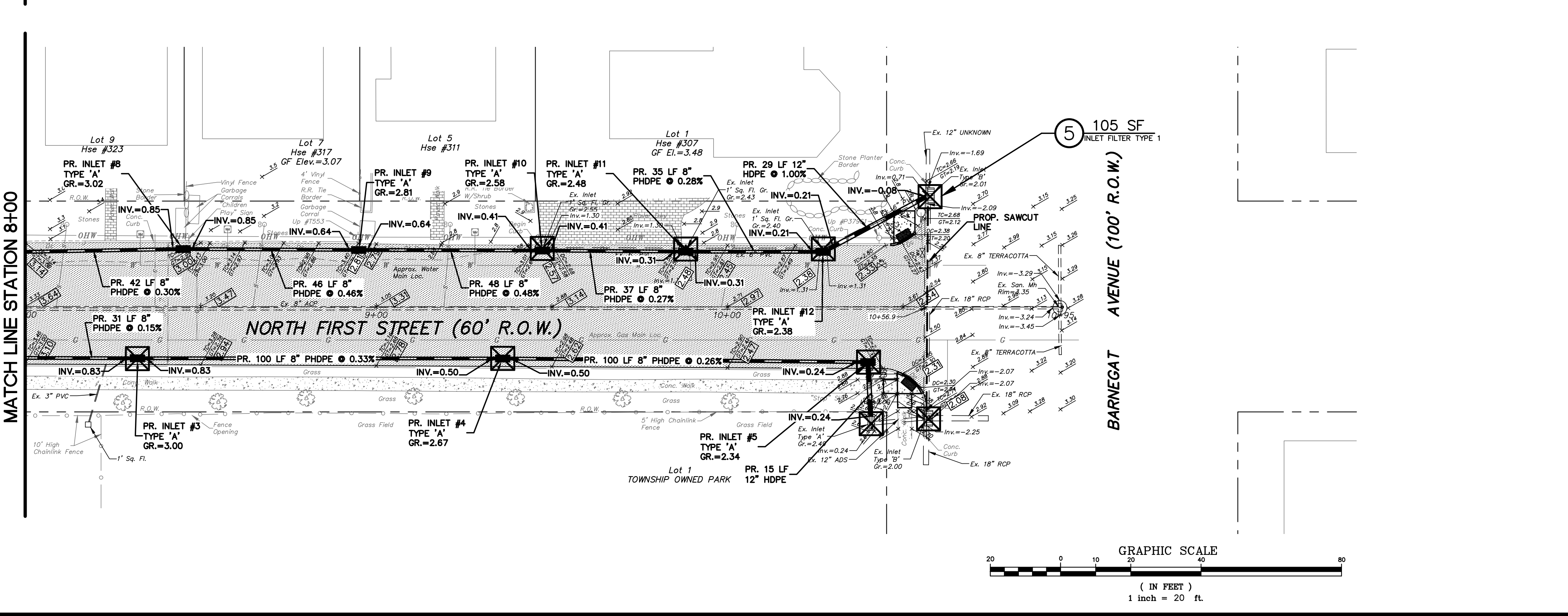
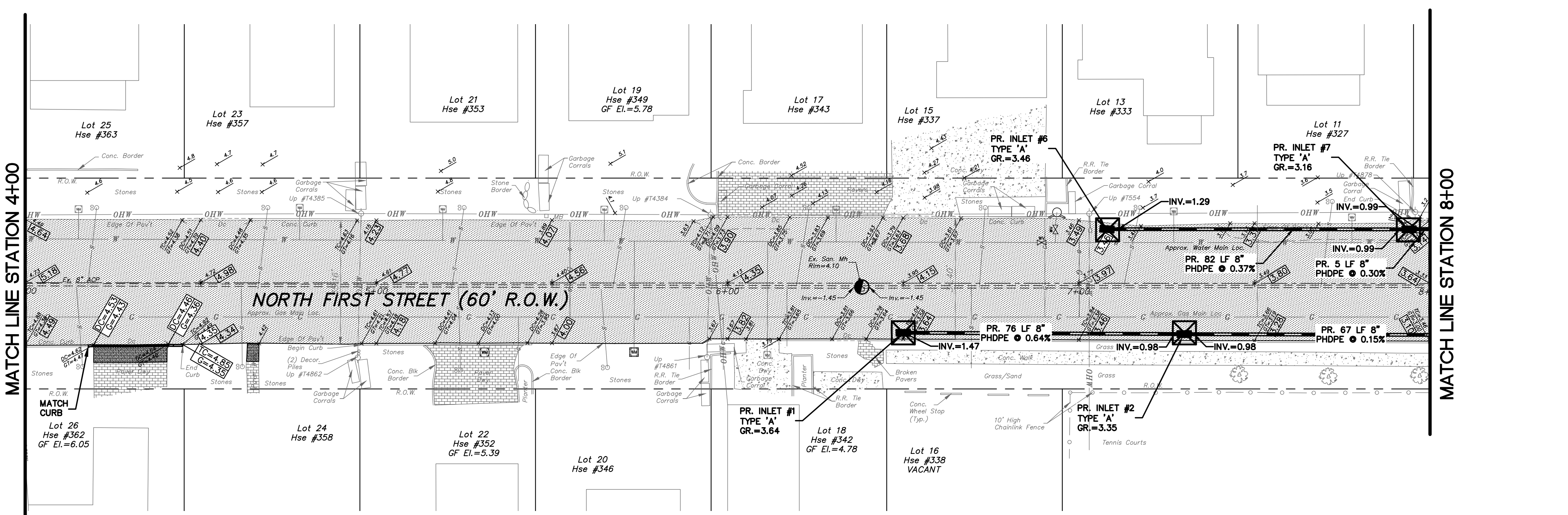
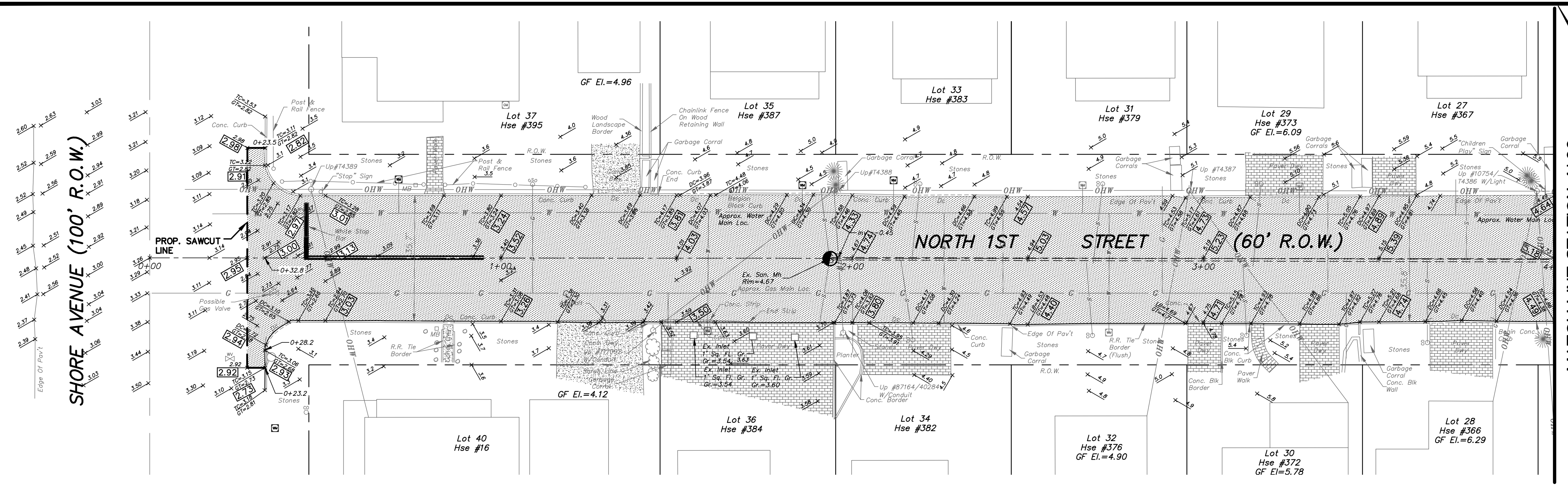
OCEAN COUNTY		NEW JERSEY	
SCALE	DATE	DRAWN	CHK'D
1"=20'	8/15/22	JSM	AM JR
APPROVED FOR CONSTRUCTION		SURVEY & BILLING NO.	
APPR.		22-024275	6
		SC 21RDS	15

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6	159003M	BREAKAWAY BARRICADE				U
7	159006M	DRUM				U
8	159009M	TRAFFIC CONE				U
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16	202021P	REMOVAL OF PAVEMENT				CY
17	302036P	DENSE GRADED AGGREGATE, BASE COURSE, 6-INCH THICK				CY
18	302036P	HMA MILLING, 3" OR LESS				CY
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20	401042M	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE, 2-1/2 INCH THICK				T
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22	401098M	HOT MIX ASPHALT 19 M 64 BASE COURSE, VARIABLE THICKNESS				T
23	401108M	CORE SAMPLES, HOT MIX ASPHALT				U
24	601409P	8-INCH PERFORATED HIGH DENSITY POLYETHYLENE PIPE				LF
25	601419P	12-INCH HIGH DENSITY POLYETHYLENE PIPE				LF
26	602009M	INLET, TYPE A				U
27	606012P	CONCRETE SIDEWALK, 4" THICK				SY
28	606028P	RESET CONCRETE PAVERS				SY
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30	606057P	CONCRETE DRIVEWAY, 6" THICK				SY
31	607021P	2"x12" CONCRETE VERTICAL CURB				LF
32	607075P	GRANITE CURB				LF
33	606084P	DETECTABLE WARNING SURFACE				SY
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38	8050302	8"x6" TIMBER LANDSCAPE TIE REPLACEMENT				LF



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- GAS SHUTOFF
- WATER VALVE
- WATER SHUTOFF
- WATER METER
- FIRE HYDRANT
- SANITARY CLEANOUT
- UTILITY POLE
- UTILITY POLE W/LIGHT
- UTILITY POLE W/GUY WIRE
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- MAILBOX
- SHRUB
- EVERGREEN TYPE TREE
- BROAD LEAF TREE
- MILL AND OVERLAY

1	10/05/22	REVISED PER PSE REVIEW COMMENTS DATED 10/05/22	JSM	F.J.L.
NO.	DATE	REVISION DESCRIPTION	DRAWN	CHK'D

OWEN, LITTLE & ASSOCIATES, INC.
 443 Atlantic City Blvd.
 Brickwood, NJ 08112
 Tel: 732-344-1390
 Fax: 732-341-3412

FRANK J. LITTLE, JR. P.E., P.P.

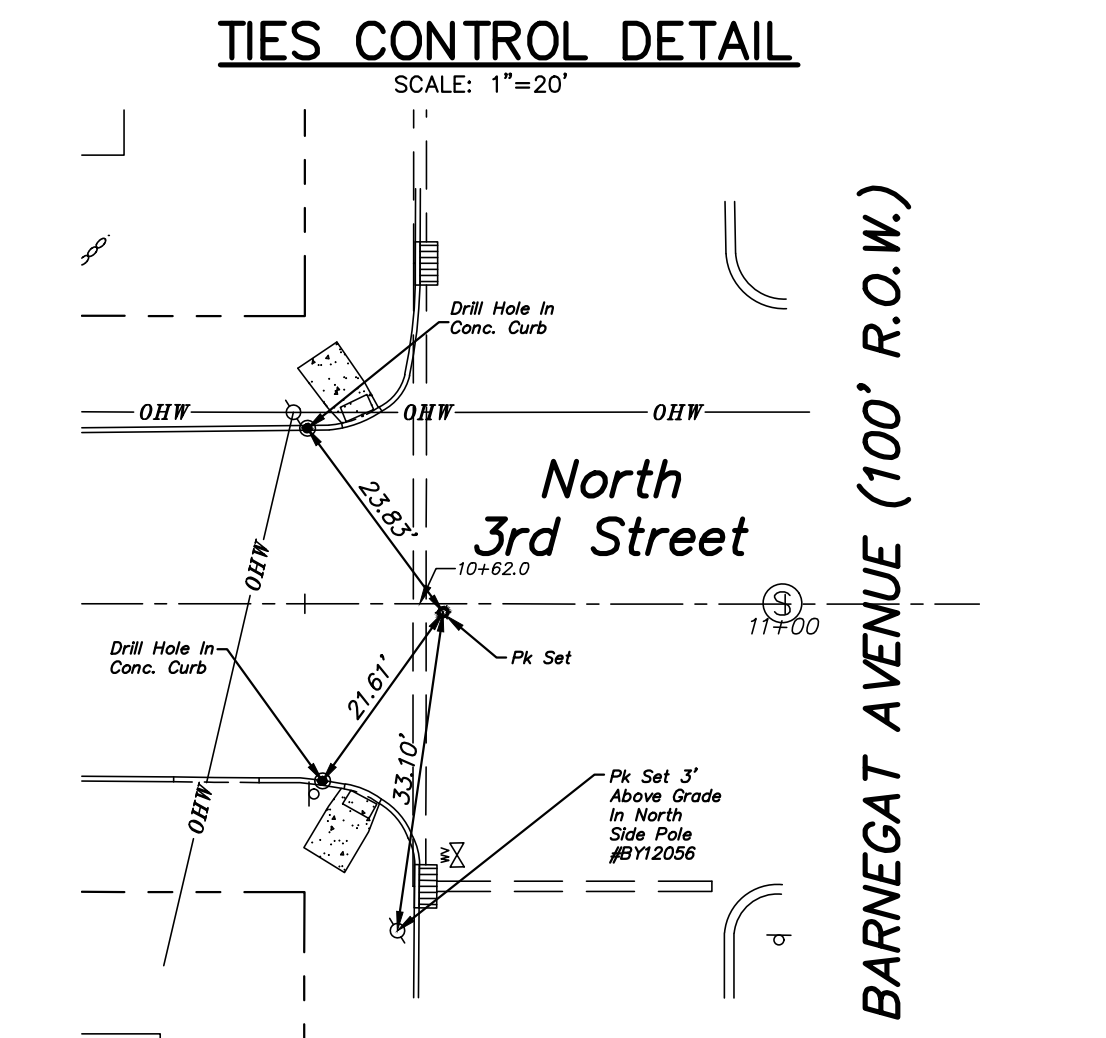
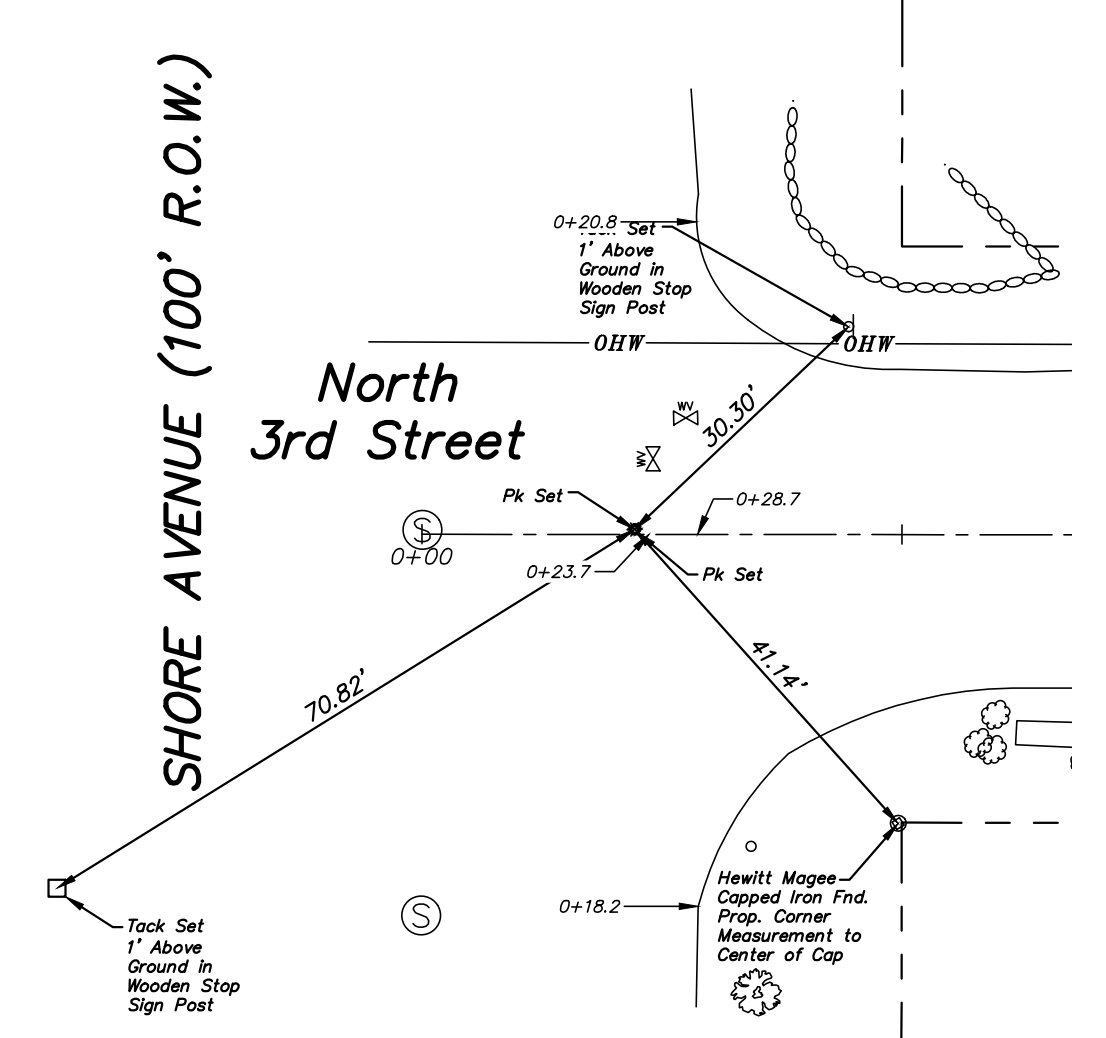
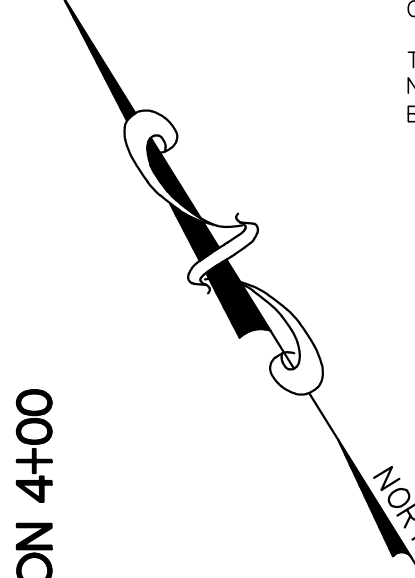
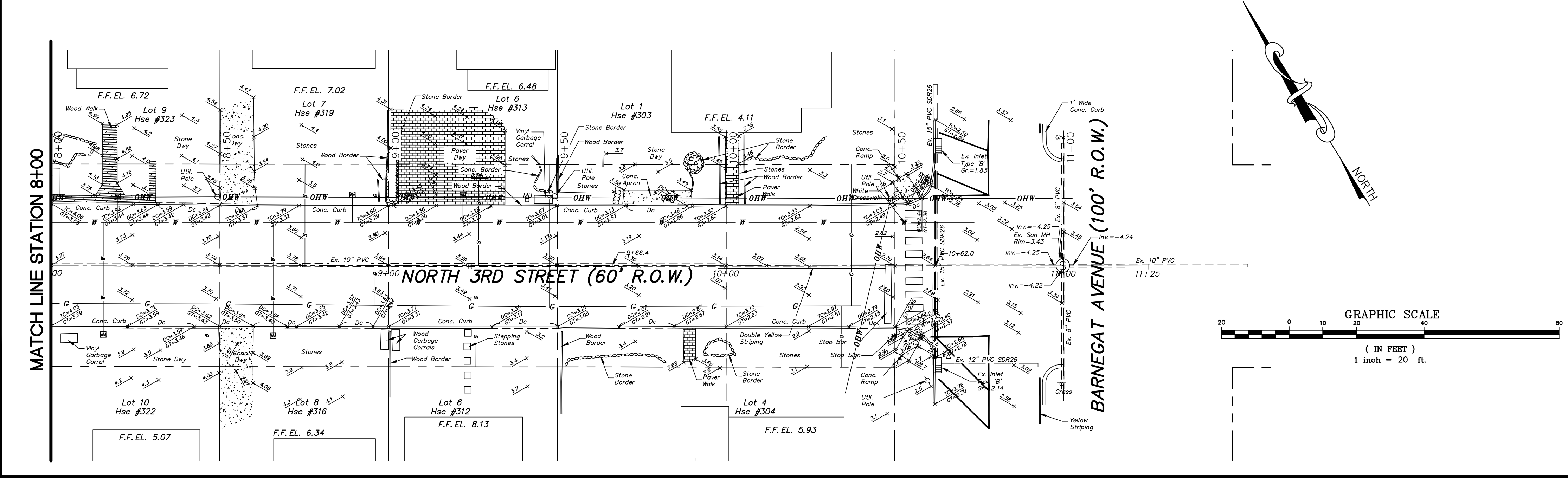
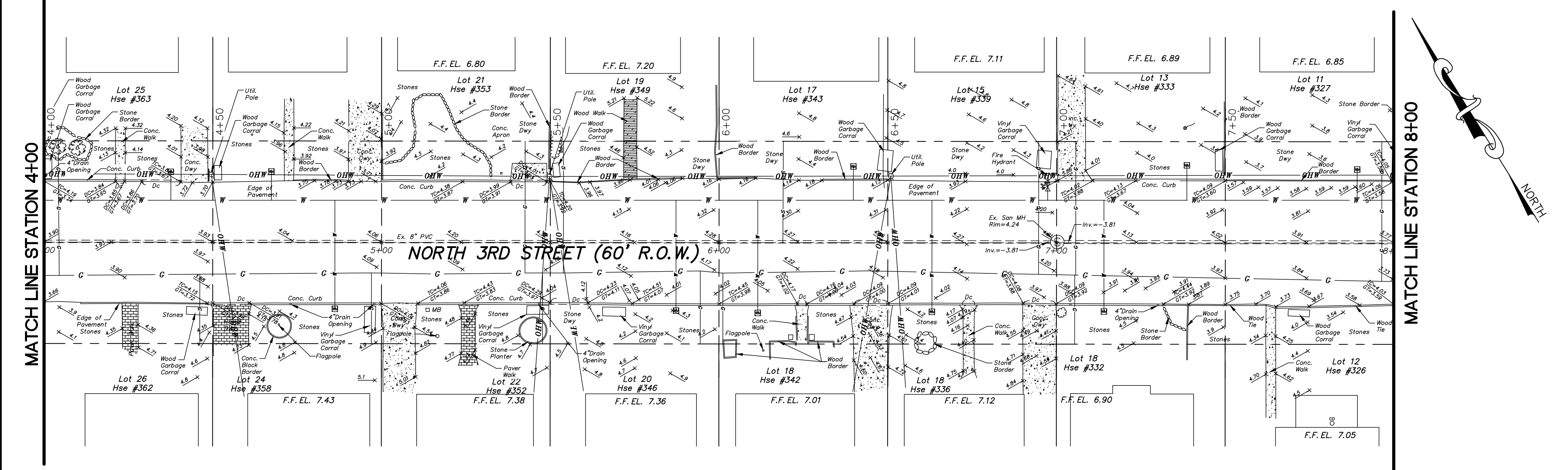
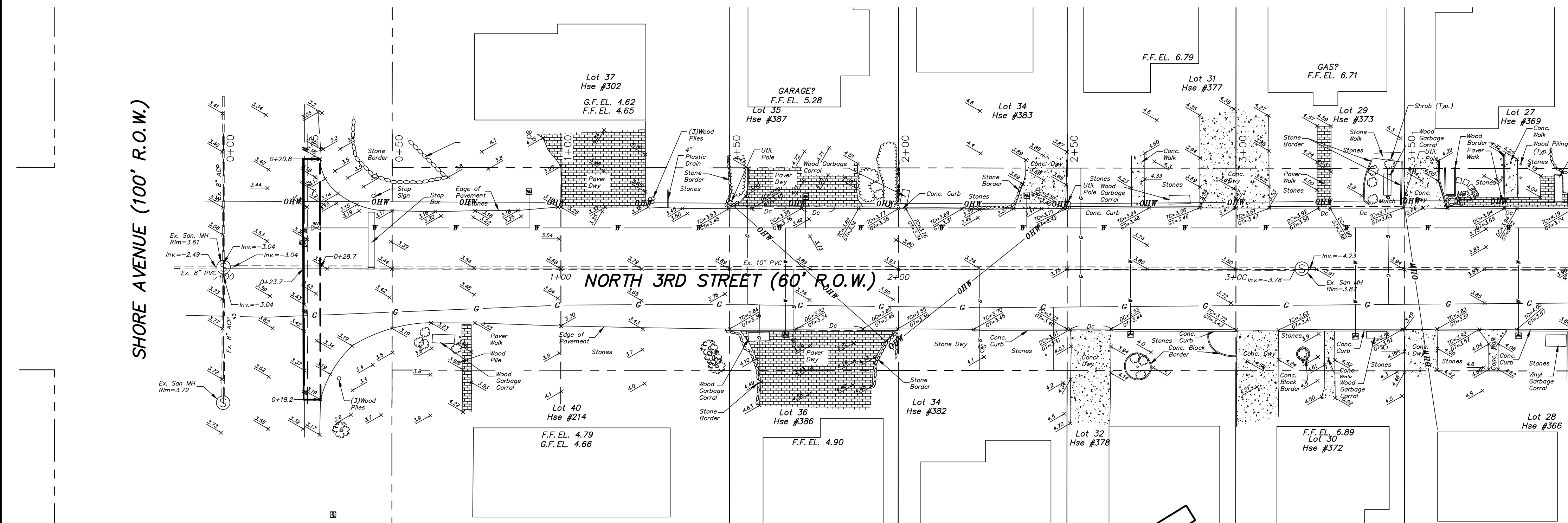
2021 DOT ROAD RECONSTRUCTION PROJECT
NORTH 1ST STREET
ROAD IMPROVEMENTS
SOIL EROSION AND SEDIMENT CONTROL PLAN

BOROUGH OF SURF CITY
 OCEAN COUNTY
 NEW JERSEY

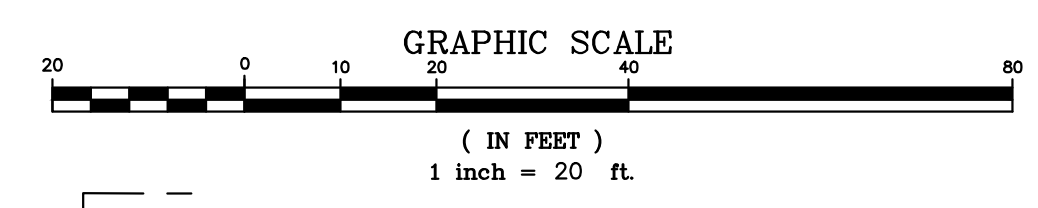
SCALE	DATE	DRAWN	CHK'D	APPROVED FOR CONSTRUCTION	SURVEY & BILLING NO.	DRAWING NO.
1"=20'	8/15/22	JSM	AM JR	APPR.	22-024275	7

15

2:\S04\Drawings\2021\N. 1ST - 10. 3RD ST\CAD\DWG\N. 1ST ST.dwg - 3/17



BASELINE CONTROL				
Point #	Northing	Easting	Description	Elevation
4	300816.7012	583747.6300	PKS	2.88
5	301368.4381	582863.3833	PKS	3.46
3500	301379.6903	582844.2922	STA. 0+00	
3501	300811.8437	583757.0765	STA 10+75	



- LEGEND**
- GAS VALVE
 - GAS SHUTOFF
 - WATER VALVE
 - WATER SHUTOFF
 - WATER METER
 - FIRE HYDRANT
 - SANITARY CLEANOUT
 - UTILITY POLE
 - UTILITY POLE W/LIGHT
 - UTILITY POLE W/GUY WIRE
 - SIGN
 - STREET ID SIGN
 - MAILBOX
 - SHRUB
 - EVERGREEN TYPE TREE
 - BROAD LEAF TREE
 - MILL AND OVERLAY

1 10/05/22 REVISED PER PSE REVIEW COMMENTS DATED 10/05/22 JSM F.J.L.
NO. DATE REVISION DESCRIPTION CONSTRUCTION DRAWN CHK'D

OWEN, LITTLE & ASSOCIATES, INC.
 Authorization No. 24G0785700
 Engineers, Planners, Surveyors
 443 Atlantic City Blvd.
 Beachwood, NJ 07812
 Tel: 732/244-1192
 Fax: 732/341-3412

FRANK J. LITTLE, JR. P.E., P.P.

2021 DOT ROAD RECONSTRUCTION PROJECT
NORTH 3RD STREET
ROAD IMPROVEMENTS
EXISTING CONDITIONS AND TIE CONTROL

BOROUGH OF SURF CITY NEW JERSEY

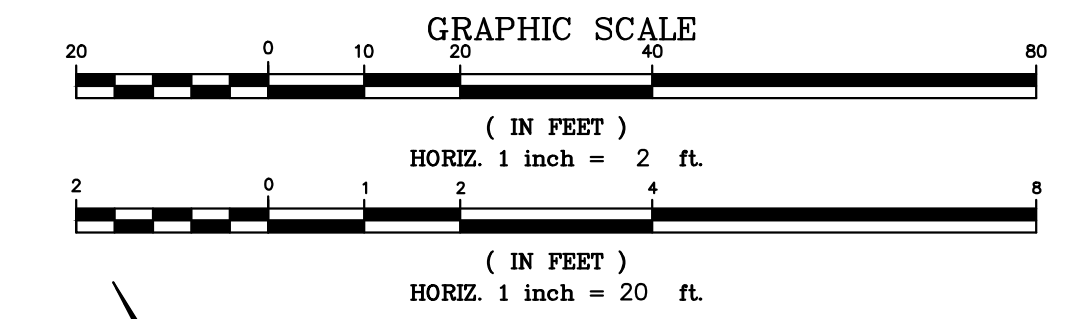
OCEAN COUNTY		NEW JERSEY	
SCALE	DATE	DRAWN	CHK'D
1"=20'	8/15/22	MM	AM JR
APPROVED FOR CONSTRUCTION		APPR.	
SURVEY & BILLING NO.		DRAWING NO.	
		8	

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SHORE AVENUE (100' R.O.W.)

MATCH LINE STATION 4+00



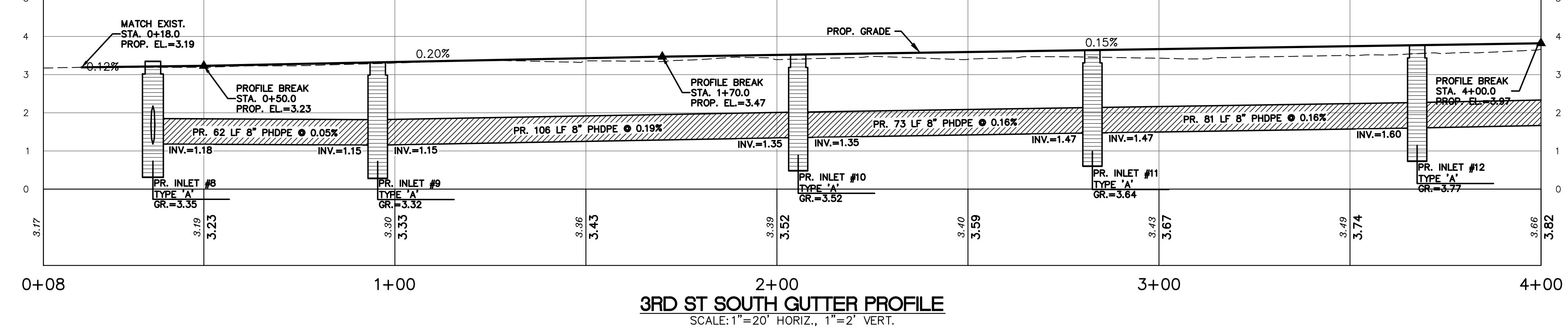
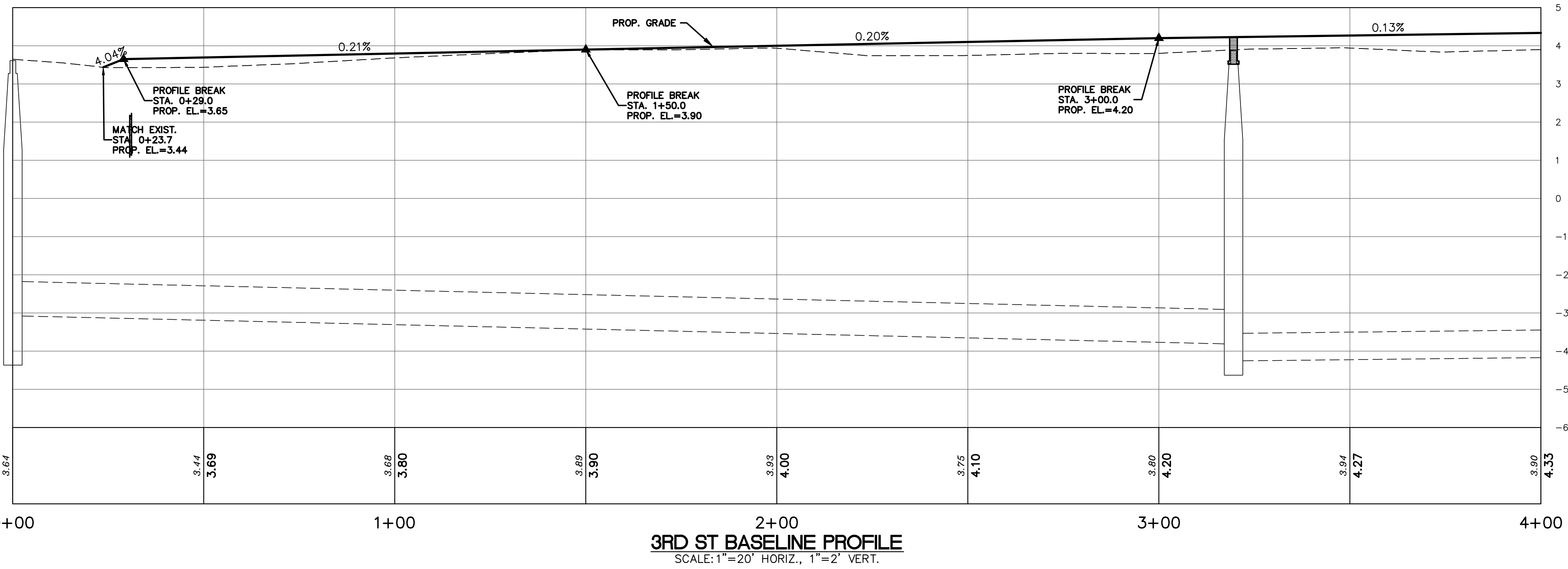
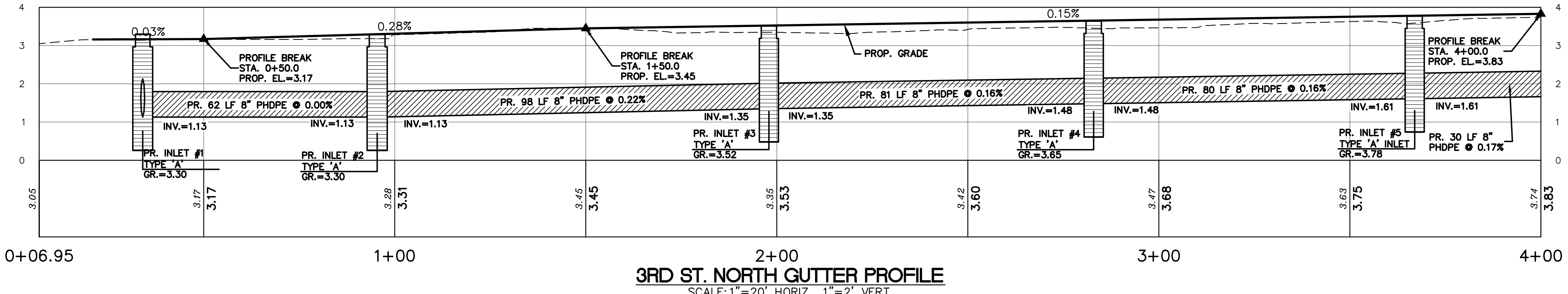
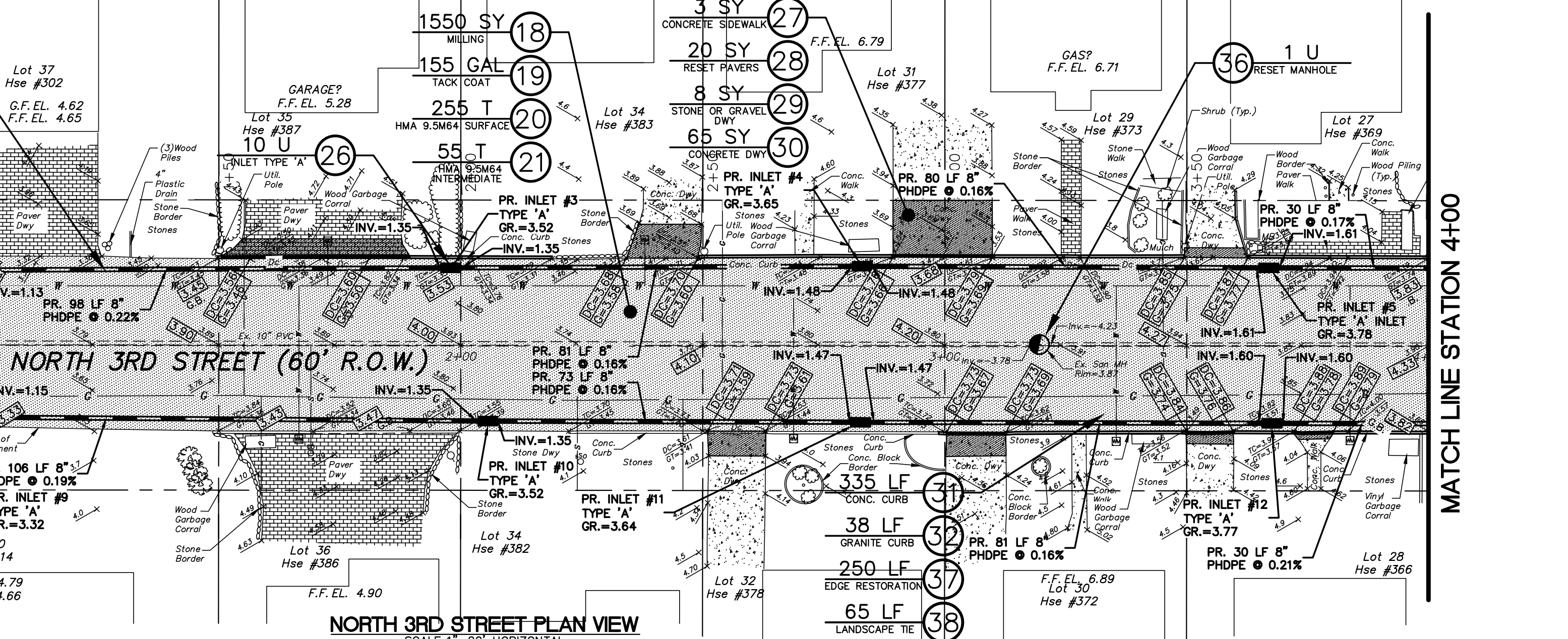
LEGEND

[Symbol]	GAS VALVE
[Symbol]	GAS SHUTOFF
[Symbol]	WATER VALVE
[Symbol]	WATER SHUTOFF
[Symbol]	WATER METER
[Symbol]	FIRE HYDRANT
[Symbol]	SANITARY CLEANOUT
[Symbol]	UTILITY POLE
[Symbol]	UTILITY POLE W/LIGHT
[Symbol]	UTILITY POLE W/GUY WIRE
[Symbol]	SIGN
[Symbol]	STREET ID SIGN
[Symbol]	MAILBOX
[Symbol]	SHRUB
[Symbol]	EVERGREEN TREE
[Symbol]	BROAD LEAF TREE
[Symbol]	MILL AND OVERLAY

NOTE: THE 2019 U.S. CUSTOMARY ENGLISH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE NEW JERSEY DEPARTMENT OF TRANSPORTATION, LATEST EDITION, INCLUDING ALL BASELINE DOCUMENT CHANGE (BDC) ANNOUNCEMENTS SHALL COVER THE CONSTRUCTION OF THIS PROJECT.
 REFER TO LATEST SPECIAL PROVISIONS FOR STATE AID PROJECTS FH0219 EDITION WITH THE LATEST REVISIONS.
 THE LATEST STANDARD CONSTRUCTION DETAILS FOR ROADWAY, TRAFFIC CONTROL, AND BRIDGE BOOKLET (2016), AND THE LATEST STANDARD ELECTRICAL DETAIL BOOKLET (2007), INCLUDING ALL BASELINE DOCUMENT CHANGE (BDC) ANNOUNCEMENTS ARE APPLICABLE TO THIS PROJECT EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.

ESTIMATE OF QUANTITIES

Item No.	Item No.	Description	Plan Quantity	If and Where Directed	Contract Amount	Unit
1	151006M	PERFORMANCE BOND				DOLL
2	151006M	PAYMENT BOND				DOLL
3	154003P	MOBILIZATION				LS
4	157004M	CONSTRUCTION LAYOUT				DOLL
5	158027M	INLET FILTER TYPE 1				SF
6	159003M	BREAKAWAY BARRICADE				U
7	159006M	DRUM				U
8	159009M	TRAFFIC CONE				U
9	159012M	CONSTRUCTION SIGNS				SF
10	159141M	POLICE TRAFFIC DIRECTORS				HR
11	160004M	FUEL PRICE ADJUSTMENTS				DOLL
12	160007M	ASPHALT PRICE ADJUSTMENTS				DOLL
13	201003P	CLEARING SITE				LS
14	202006M	EXCAVATION, TEST PITS				CY
15	202009P	EXCAVATION, UNCLASSIFIED	440			CY
16	202021P	REMOVAL OF PAVEMENT	440			CY
17	302036P	DENSE GRADED AGGREGATE, BASE COURSE, 6-INCH THICK	440			CY
18	302036P	HMA MILLING, 3" OR LESS	1550			SY
19	401030M	TACK COAT	155			GAL
20	401042M	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE, 2-1/2 INCH THICK	255			T
21	401042M	HOT MIX ASPHALT 9.5 M 64 INTERMEDIATE (LEVELING) COURSE	55			T
22	401096M	HOT MIX ASPHALT 19 M 64 BASE COURSE, VARIABLE THICKNESS	160			T
23	401108M	CORE SAMPLES, HOT MIX ASPHALT				U
24	601409P	8-INCH PERFORATED HIGH DENSITY POLYETHYLENE PIPE	703			LF
25	601419P	12-INCH HIGH DENSITY POLYETHYLENE PIPE	27			LF
26	602009M	INLET, TYPE A	10			U
27	606012P	CONCRETE SIDEWALK, 4" THICK	3			SY
28	606028P	RESET CONCRETE PAVERS	20			SY
29	606044P	STONE OR GRAVEL DRIVEWAY, 6-INCH THICK	8			SY
30	606057P	CONCRETE DRIVEWAY, 6" THICK	65			SY
31	607021P	9"x18" CONCRETE VERTICAL CURB	335			LF
32	607075P	GRANITE CURB	38			LF
33	606084P	DETECTABLE WARNING SURFACE				SY
34	610003M	TRAFFIC STRIPES, 4" WIDE, YELLOW				LF
35	MMR081M	TRAFFIC MARKINGS, LINE, THERMOPLASTIC, 24-WIDE, WHITE				LF
36	652432M	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING	1			U
37	805030Z	EDGE RESTORATION	250			LF
38	805030Z	6"x6" TIMBER LANDSCAPE TIE REPLACEMENT	65			LF



1	10/05/22	REVISED PER PSE REVIEW COMMENTS DATED 10/05/22	JSM	F.JL
NO.	DATE	REVISION DESCRIPTION	DRAWN	CHK'D

OWEN, LITTLE & ASSOCIATES, INC.
 Authorization No. 2462785700
 Engineers, Planners, Surveyors
 443 Atlantic City Blvd.
 Brickwood, NJ 08112
 Tel: 732.344.1390
 Fax: 732.344.3412

FRANK J. LITTLE, JR.
P.E., P.P.

PROFESSIONAL ENGINEER
 N.J. LIC. NO. 24620708500
 PROFESSIONAL PLANNER
 N.J. LIC. NO. 030996

2021 DOT ROAD RECONSTRUCTION PROJECT
NORTH 3RD STREET
ROAD IMPROVEMENTS
PLAN AND PROFILE

BOROUGH OF SURF CITY
 NEW JERSEY

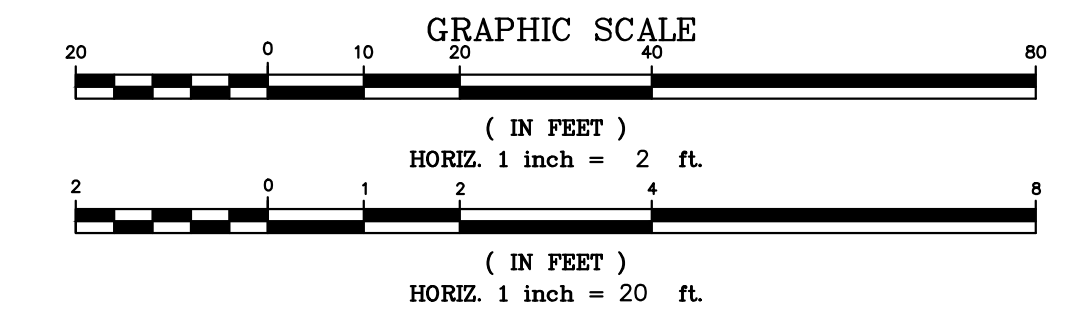
OCEAN COUNTY				NEW JERSEY			
SCALE	DATE	DRAWN	CHK'D	APPROVED FOR CONSTRUCTION	SURVEY & BILLING NO.	DRAWING NO.	
1"=20'	8/15/22	JSM	AM JR	APPR.	22-024275	9	15

2:3509 (Rev. 03/2021) N. 1ST - 1A. 360 ST/CAD/DMG/VA. 10/80. ST. 04/21 - 5019

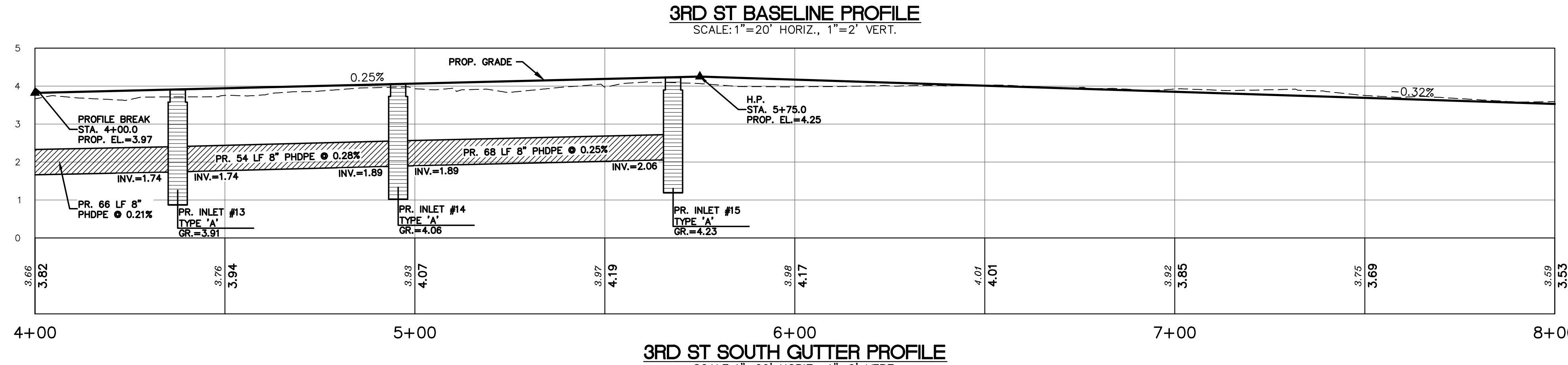
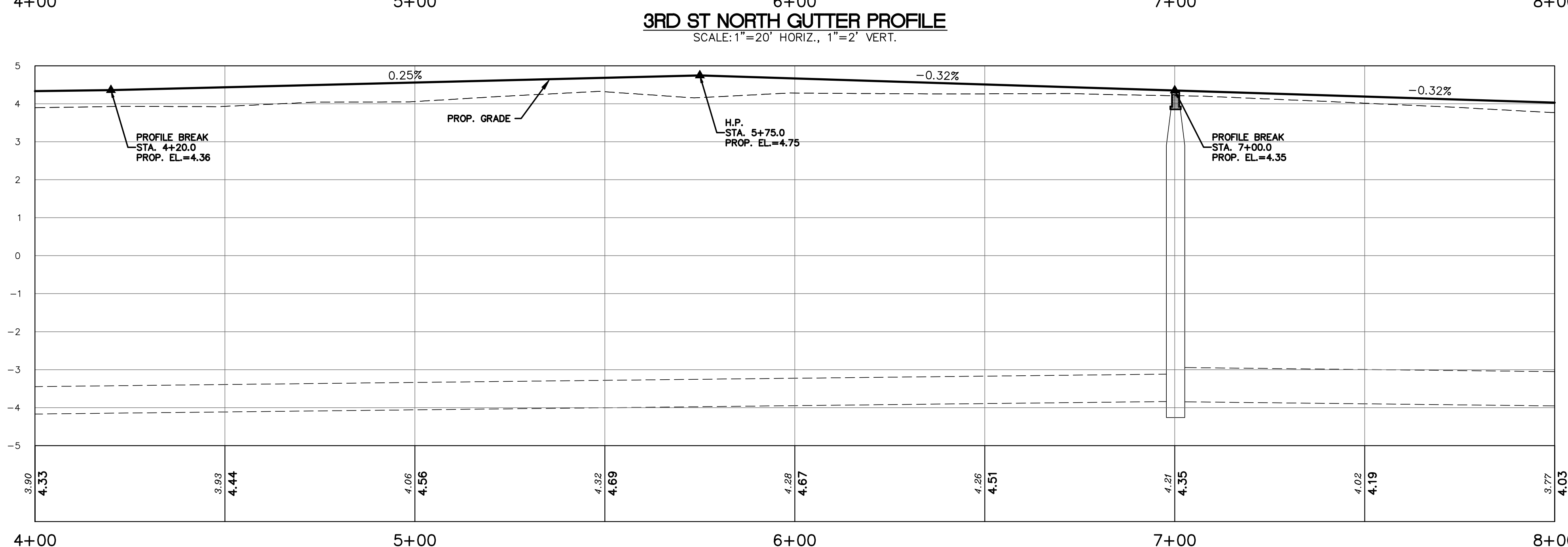
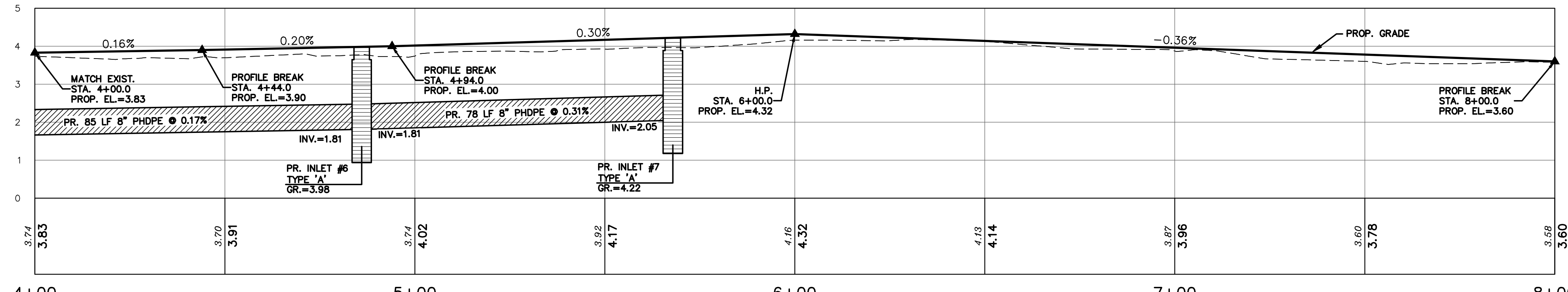
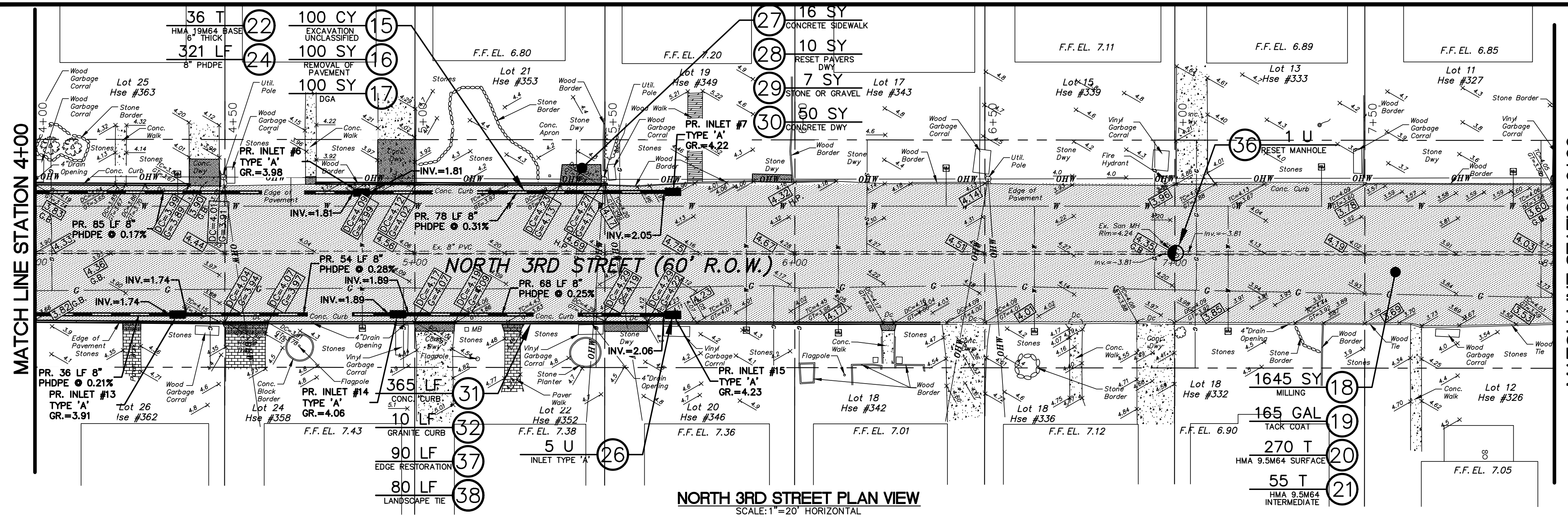
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LEGEND	
	GAS VALVE
	GAS SHUTOFF
	WATER VALVE
	WATER SHUTOFF
	WATER METER
	FIRE HYDRANT
	SANITARY CLEANOUT
	UTILITY POLE
	UTILITY POLE W/LIGHT
	SIGN
	STREET ID SIGN
	MAILBOX
	SHRUB
	EVERGREEN TYPE TREE
	BROAD LEAF TREE
	MILL AND OVERLAY



NOTE: THE 2019 U.S. CUSTOMARY ENGLISH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE NEW JERSEY DEPARTMENT OF TRANSPORTATION, LATEST EDITION, INCLUDING ALL BASELINE DOCUMENT CHANGE (BDC) ANNOUNCEMENTS SHALL COVER THE CONSTRUCTION OF THIS PROJECT.
REFER TO NJDOT SPECIAL PROVISIONS FOR STATE AID PROJECTS FY2019 EDITION WITH THE LATEST REVISIONS.
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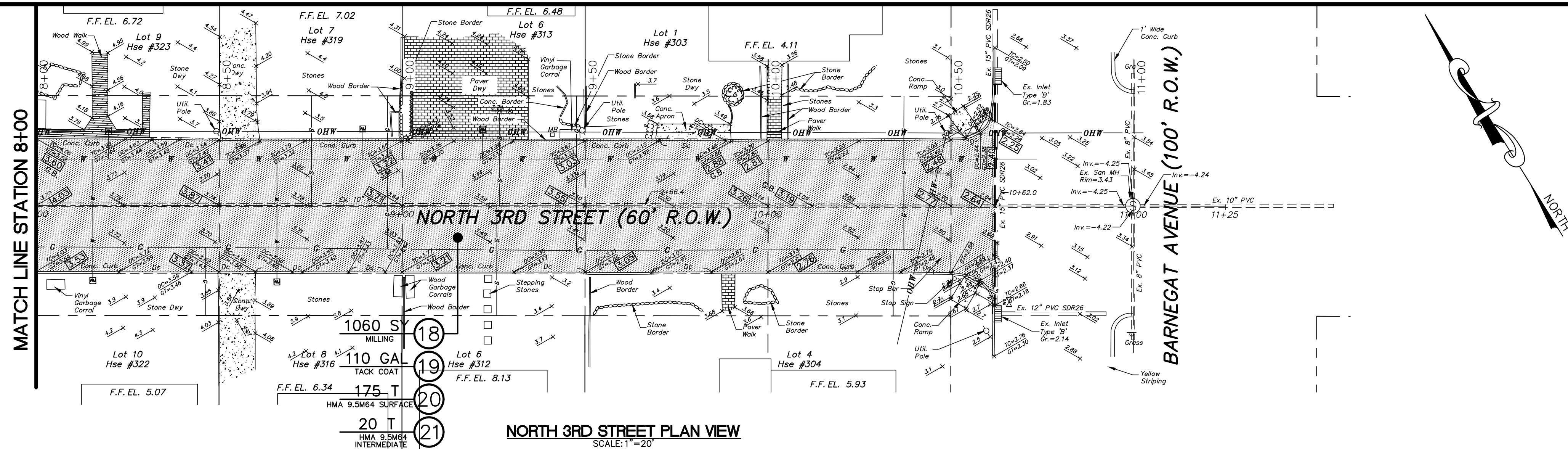
ESTIMATE OF QUANTITIES						
Item No.	Item No.	Description	Plan Quantity	If and Where Directed	Contract Amount	Unit
1	151006M	PERFORMANCE BOND				DOLL
2	151006M	PAYMENT BOND				DOLL
3	154003P	MOBILIZATION				LS
4	157004M	CONSTRUCTION LAYOUT				DOLL
5	158027M	INLET FILTER TYPE 1				SF
6	159003M	BREAKAWAY BARRICADE				U
7	159006M	DRUM				U
8	159009M	TRAFFIC CONE				U
9	15912M	CONSTRUCTION SIGNS				SF
10	159141M	POLICE TRAFFIC DIRECTORS				HR
11	160004M	FUEL PRICE ADJUSTMENTS				DOLL
12	160007M	ASPHALT PRICE ADJUSTMENTS				DOLL
13	201003P	CLEARING SITE				LS
14	202006M	EXCAVATION, TEST PITS				CY
15	202009P	EXCAVATION, UNCLASSIFIED	100			CY
16	202021P	REMOVAL OF PAVEMENT	100			CY
17	302036P	GENE GRADED AGGREGATE, BASE COURSE, 6-INCH THICK	100			CY
18	302036P	HMA MILLING, 3" OR LESS	1645			SY
19	401030M	TACK COAT	165			GAL
20	401042M	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE, 2-1/2 INCH THICK	270			T
21	401042M	HOT MIX ASPHALT 9.5 M 64 INTERMEDIATE (LEVELING) COURSE	55			T
22	401096M	HOT MIX ASPHALT 19 M 64 BASE COURSE, VARIABLE THICKNESS	36			T
23	401108M	CORE SAMPLES, HOT MIX ASPHALT				U
24	601409P	8-INCH PERFORATED HIGH DENSITY POLYETHYLENE PIPE	321			LF
25	601419P	12-INCH HIGH DENSITY POLYETHYLENE PIPE				LF
26	602009M	INLET, TYPE A	5			U
27	606012P	CONCRETE SIDEWALK, 4" THICK	16			SY
28	606028P	RESET CONCRETE PAVERS	10			SY
29	606044P	STONE OR GRAVEL DRIVEWAY, 6-INCH THICK	7			SY
30	606057P	CONCRETE DRIVEWAY, 4" THICK	50			SY
31	607021P	6"x18" CONCRETE VERTICAL CURB	365			LF
32	607075P	GRANITE CURB	10			LF
33	606084P	DETECTABLE WARNING SURFACE				SY
34	610003M	TRAFFIC STRIPES, 4" WIDE, YELLOW				LF
35	MMR081M	TRAFFIC MARKINGS, LINE, THERMOPLASTIC, 24-WIDE, WHITE				LF
36	652432M	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING	1			U
37	8050302	EDGE RESTORATION	90			LF
38	8050302	6"x6" TIMBER LANDSCAPE TIE REPLACEMENT	80			LF

1	10/05/22	REVISED PER PSE REVIEW COMMENTS DATED 10/05/22	JSM	F.J.L.	
NO.	DATE	REVISION DESCRIPTION	DRAWN	CHK'D	
		FRANK J. LITTLE, JR. P.E., P.P.	2021 DOT ROAD RECONSTRUCTION PROJECT NORTH 3RD STREET ROAD IMPROVEMENTS PLAN AND PROFILE		
AUTHORIZATION NO. 2462708500 ENGINEERS, PLANNERS, SURVEYORS 443 ATLANTIC CITY BLVD. BRIDGEWATER, NJ 07022 TEL: 732-244-1392 FAX: 732-244-1342			BOROUGH OF SURF CITY NEW JERSEY		
SCALE: 1"=20' DATE: 8/15/22		DRAWN: JSM CHK'D: AM JR	APPROVED FOR CONSTRUCTION: APPR.	SURVEY & BILLING NO.: 22-024275 SC 21RDS	DRAWING NO.: 10 15

Z:\2022\Roads\2021 N 3RD ST\CD\DWG\N 3RD ST.dwg - SHT10

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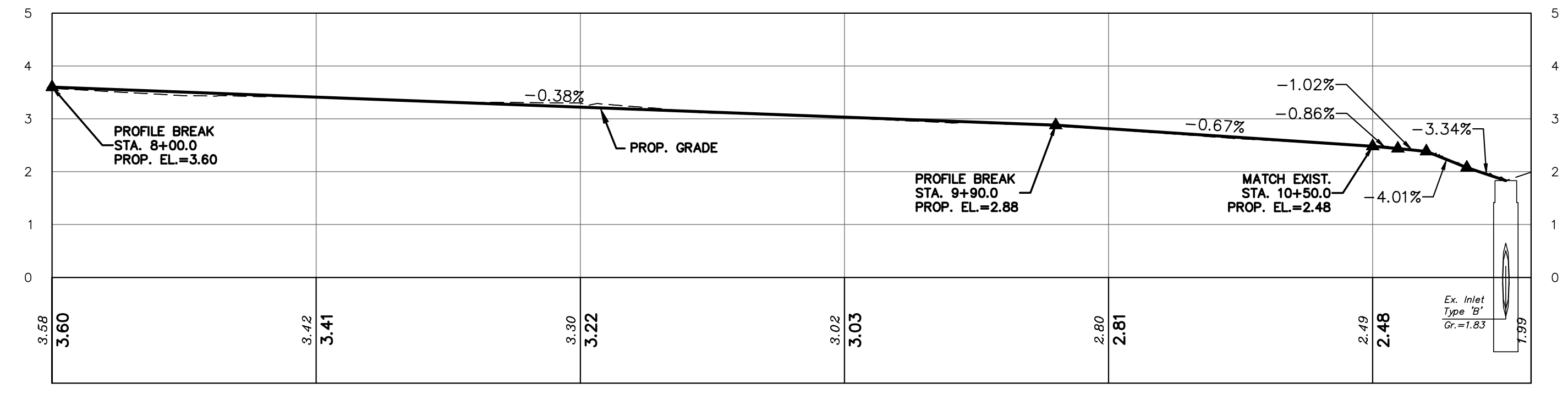
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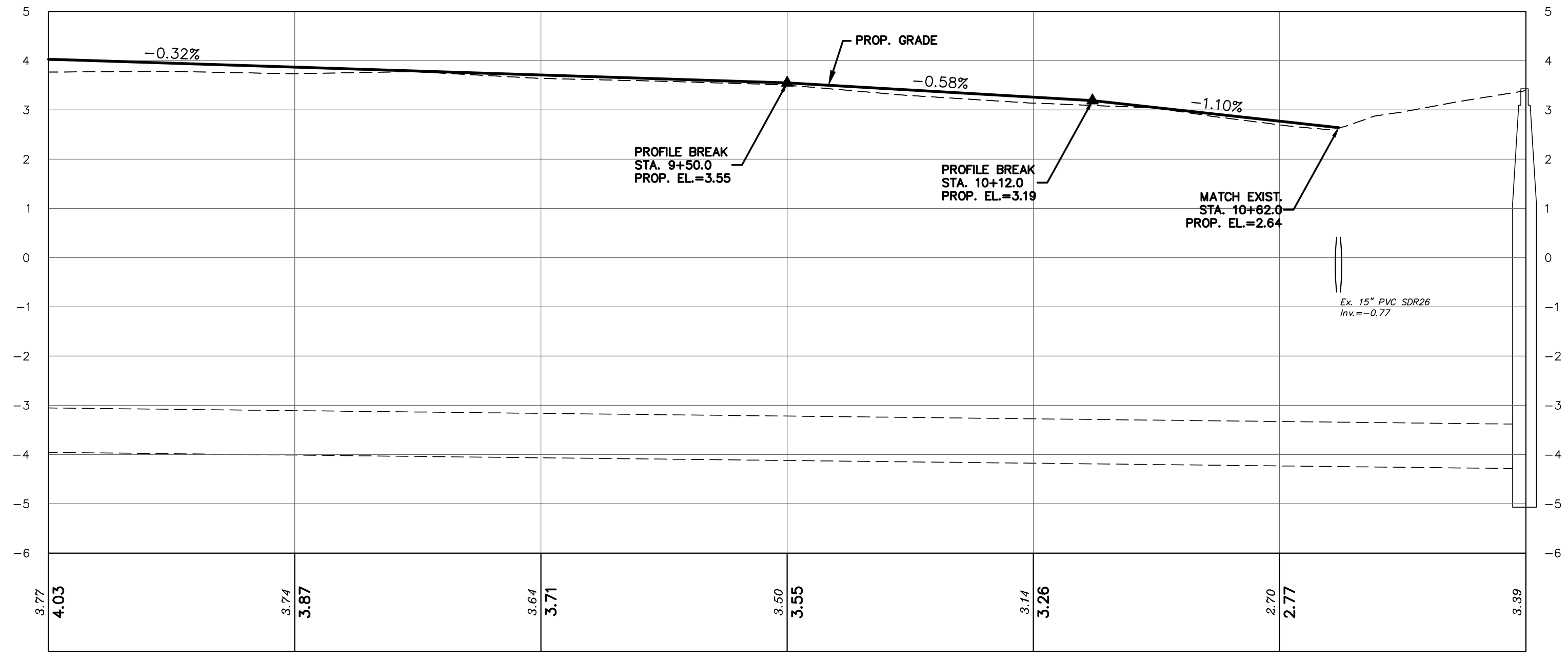
NOTE: 2019 U.S. CUSTOMARY ENGLISH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE NEW JERSEY DEPARTMENT OF TRANSPORTATION, LATEST EDITION, INCLUDING ALL BASELINE DOCUMENT CHANGE (BDC) ANNOUNCEMENTS SHALL COVER THE CONSTRUCTION OF THIS PROJECT.
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ESTIMATE OF QUANTITIES

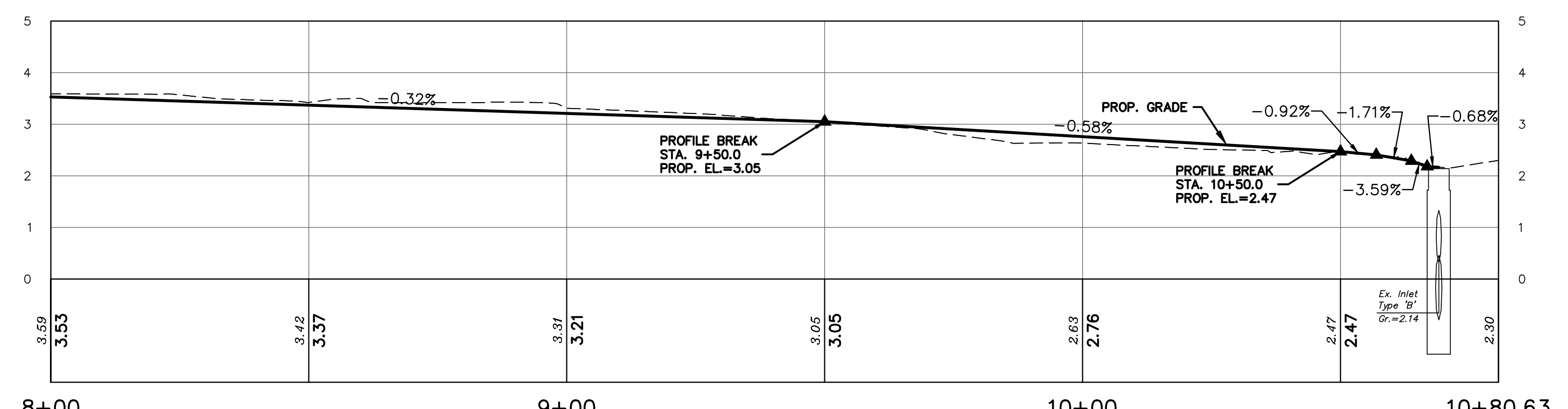
Item No.	Item No.	Description	Plan Quantity	If and Where Directed	Contract Amount	Unit
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2	151006M	PAYMENT BOND				DOLL
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5	158027M	INLET FILTER TYPE 1				SF
6	159003M	BREAKAWAY BARRICADE				U
7	159006M	DRUM				U
8	159009M	TRAFFIC CONE				U
9	159012M	CONSTRUCTION SIGNS				SF
10	159141M	POLICE TRAFFIC DIRECTORS				HR
11	160004M	FUEL PRICE ADJUSTMENTS				DOLL
12	160007M	ASPHALT PRICE ADJUSTMENTS				DOLL
13	201003P	CLEARING SITE				LS
14	202006M	EXCAVATION, TEST PITS				CY
15	202009P	EXCAVATION, UNCLASSIFIED				CY
16	202021P	REMOVAL OF PAVEMENT				CY
17	302036P	DENSE GRADED AGGREGATE, BASE COURSE, 6-INCH THICK				CY
18	302036P	HMA MILLING, 3" OR LESS	1060			SY
19	401030M	TACK COAT	110			GAL
20	401042M	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE, 2-1/2 INCH THICK	175			T
21	401042M	HOT MIX ASPHALT 9.5 M 64 INTERMEDIATE (LEVELING) COURSE	20			T
22	401096M	HOT MIX ASPHALT 19 M 64 BASE COURSE, VARIABLE THICKNESS				T
23	401108M	CORE SAMPLES, HOT MIX ASPHALT				U
24	601409P	8-INCH PERFORATED HIGH DENSITY POLYETHYLENE PIPE				LF
25	601419P	12-INCH HIGH DENSITY POLYETHYLENE PIPE				LF
26	602009M	INLET, TYPE A				U
27	606012P	CONCRETE SIDEWALK, 4" THICK				SY
28	606028P	RESET CONCRETE PAVERS				SY
29	606044P	STONE OR GRAVEL DRIVEWAY, 6-INCH THICK				SY
30	606057P	CONCRETE DRIVEWAY, 6" THICK				SY
31	607021P	9"X18" CONCRETE VERTICAL CURB				LF
32	607075P	GRANITE CURB				LF
33	606084P	DETECTABLE WARNING SURFACE				SY
34	610003M	TRAFFIC STRIPES, 4" WIDE, YELLOW				LF
35	MMR081M	TRAFFIC MARKINGS, LINE, THERMOPLASTIC, 24-WIDE, WHITE				LF
36	652432M	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING				U
37	8050302	EDGE RESTORATION				LF
38	8050302	6"x6" TIMBER LANDSCAPE TIE REPLACEMENT				LF



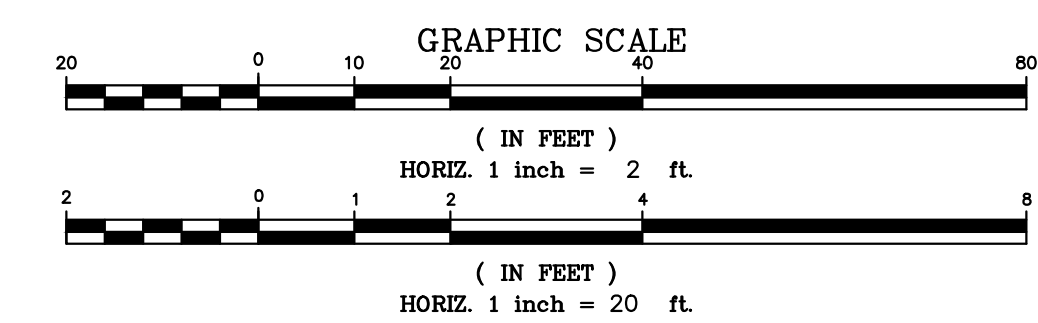
3RD ST NORTH GUTTER PROFILE
SCALE: 1"=20' HORIZ., 1"=2' VERT.



3RD ST. BASELINE PROFILE
SCALE: 1"=20' HORIZ., 1"=2' VERT.



3RD ST SOUTH GUTTER PROFILE
SCALE: 1"=20' HORIZ., 1"=2' VERT.



1	10/05/22	REVISED PER PSE REVIEW COMMENTS DATED 10/05/22	JSM	F.JL
NO.	DATE	REVISION DESCRIPTION	DRAWN	CHK'D

OWEN, LITTLE & ASSOCIATES, INC.
443 Atlantic City Blvd.
Brickwood, NJ 08722
Tel: 732/244-1390
Fax: 732/341-3412

FRANK J. LITTLE, JR.
P.E., P.P.

PROFESSIONAL ENGINEER
N.J. LIC. NO. 246E02708500
PROFESSIONAL PLANNER
N.J. LIC. NO. 03096

2021 DOT ROAD RECONSTRUCTION PROJECT
NORTH 3RD STREET
ROAD IMPROVEMENTS
PLAN AND PROFILE

BOROUGH OF SURF CITY
NEW JERSEY

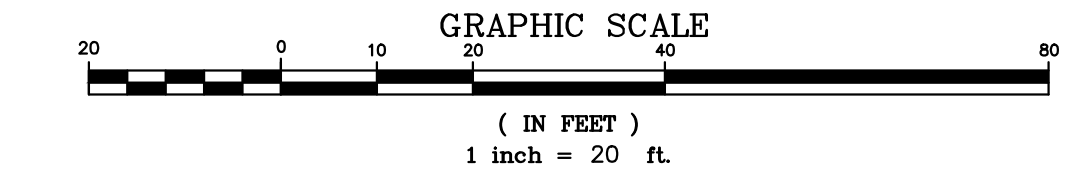
OCEAN COUNTY		NEW JERSEY				
SCALE	DATE	DRAWN	CHK'D	APPROVED FOR CONSTRUCTION	SURVEY & BILLING NO.	DRAWING NO.
1"=20'	8/15/22	JSM	AM JR	APPR.	22-024275 SC 21RDS	11

Z:\2020\Roads\2021 N 3rd ST -18 3RD ST\CAD\DWG\N 3RD ST.dwg - SHT11

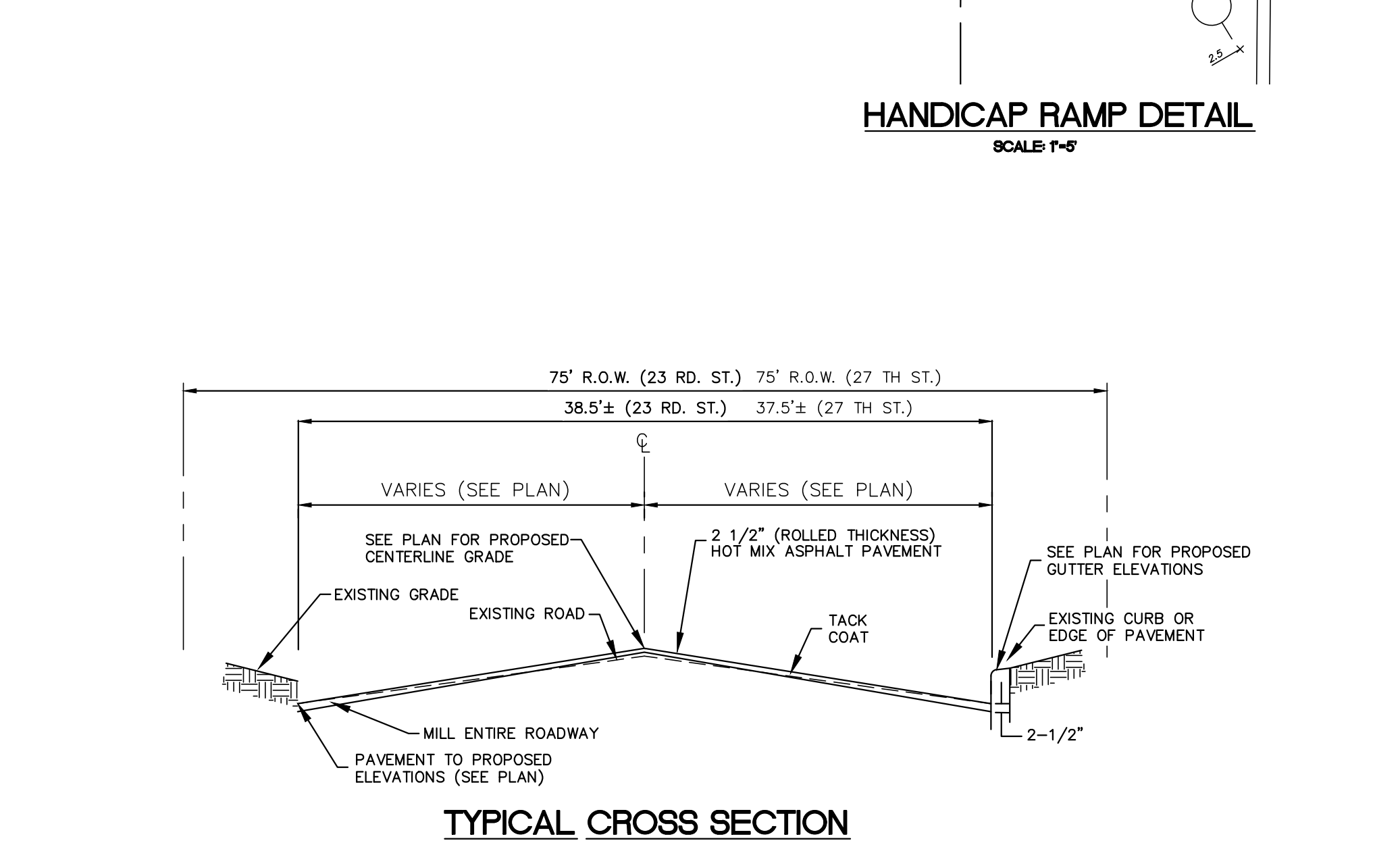
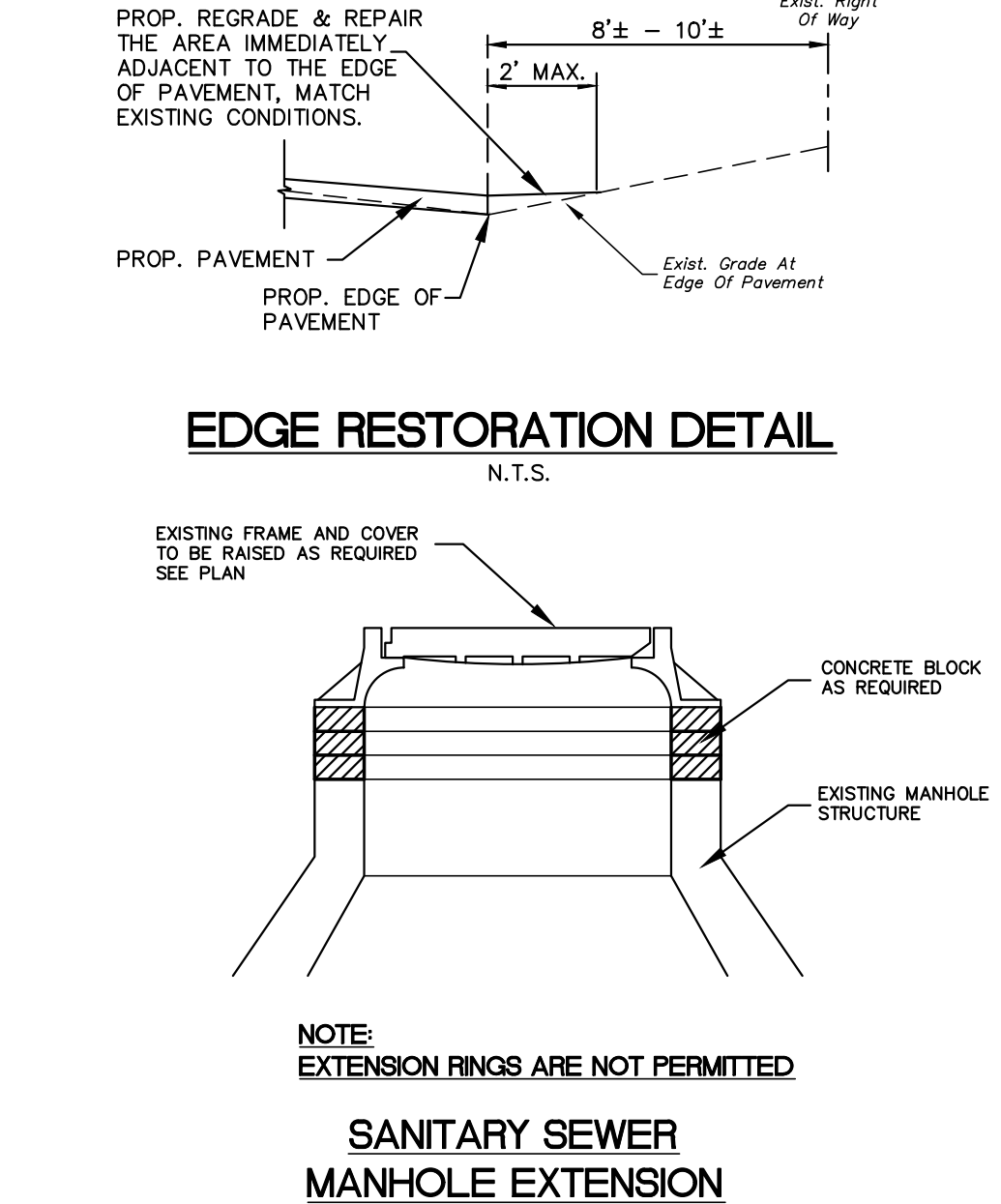
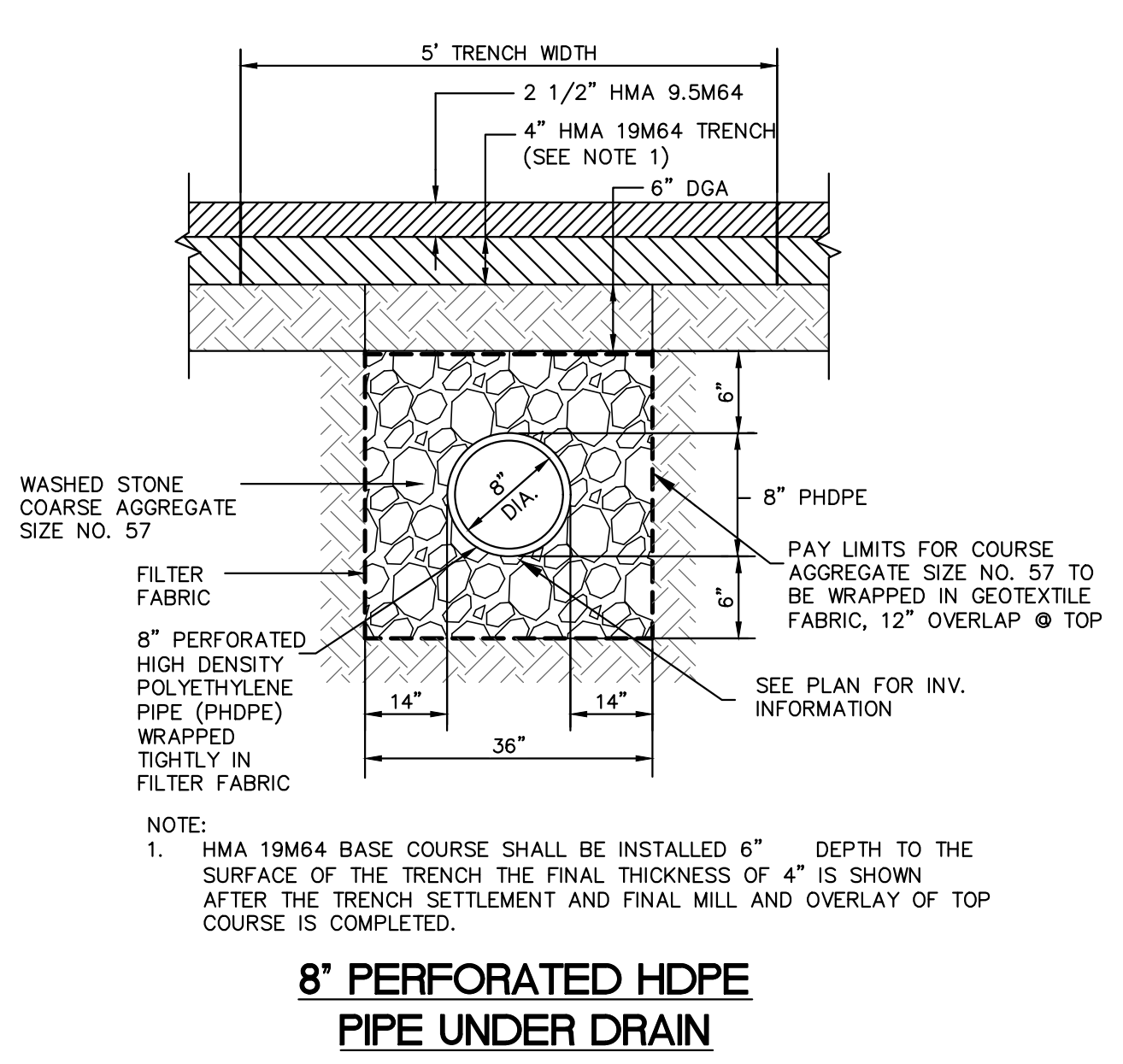
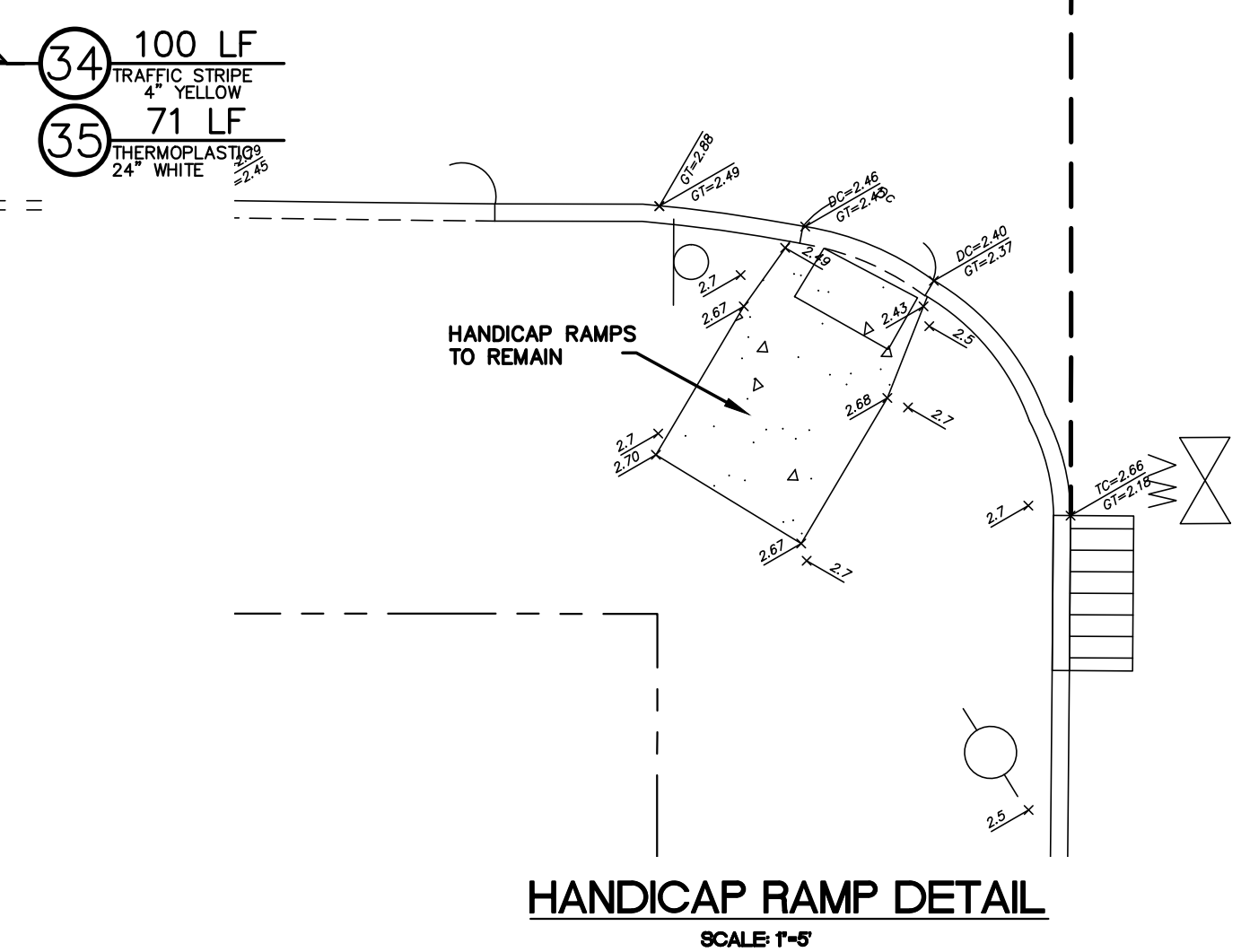
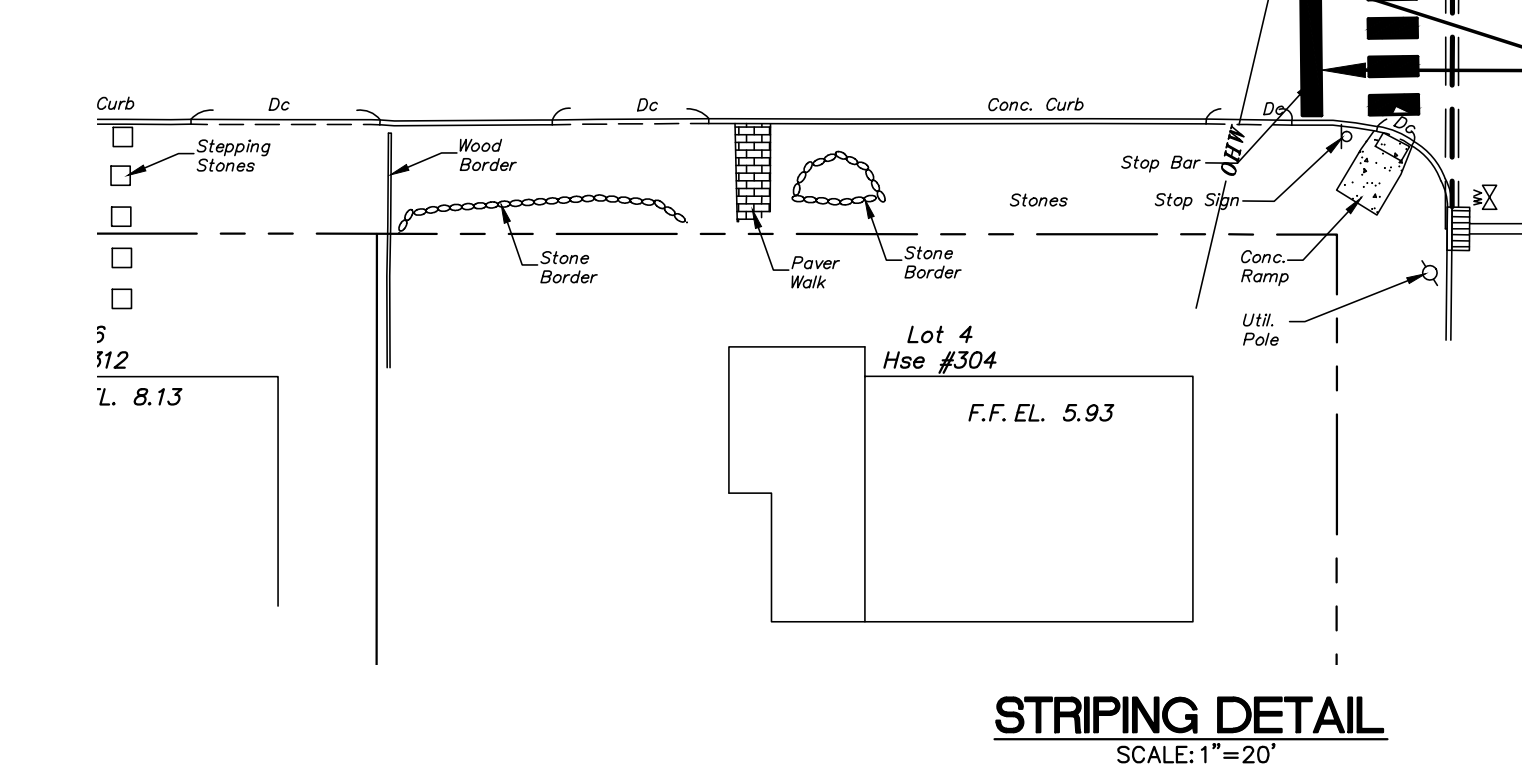
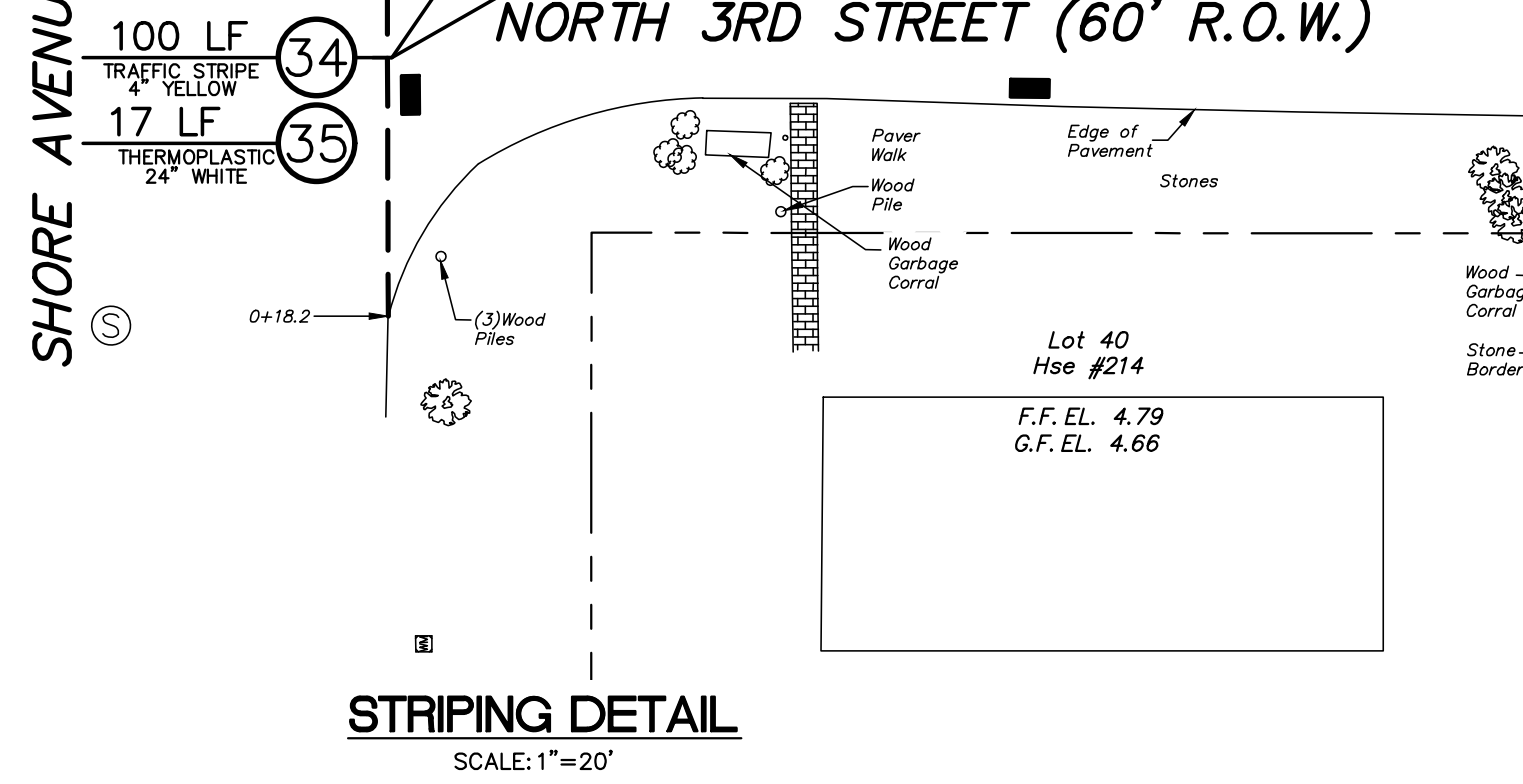
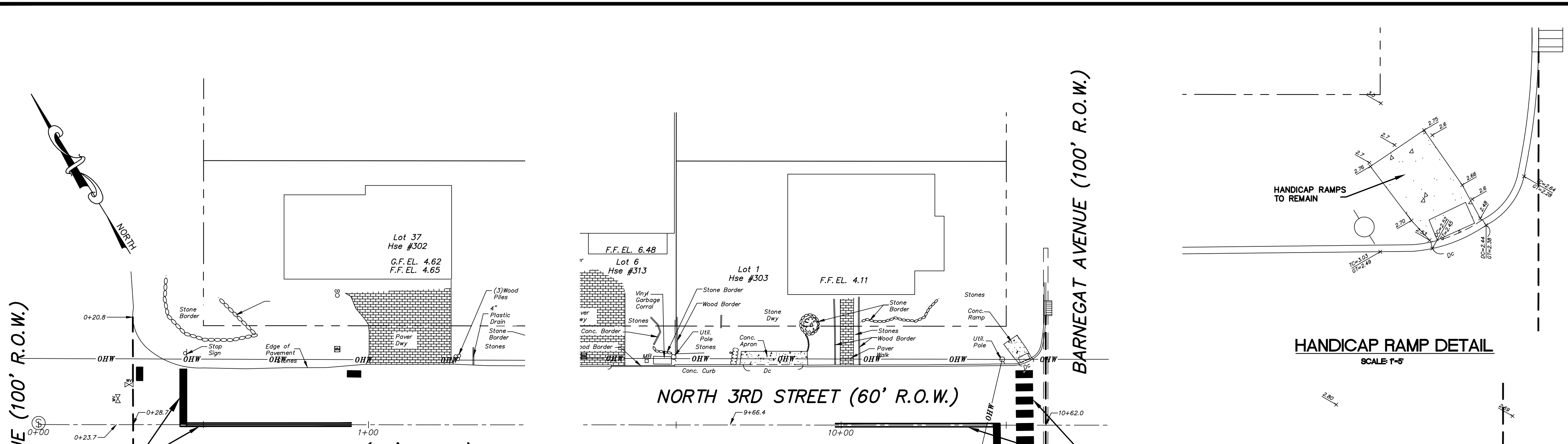
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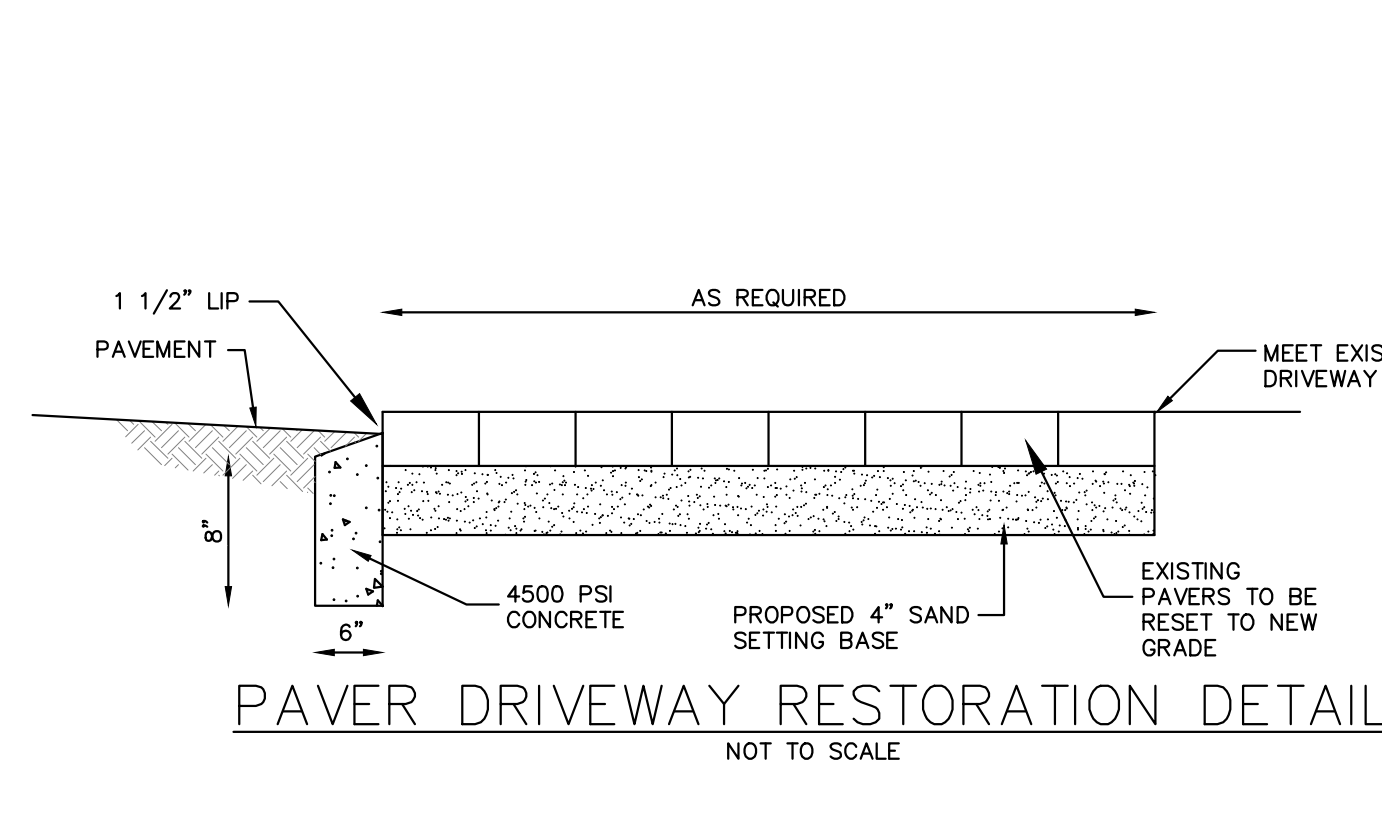
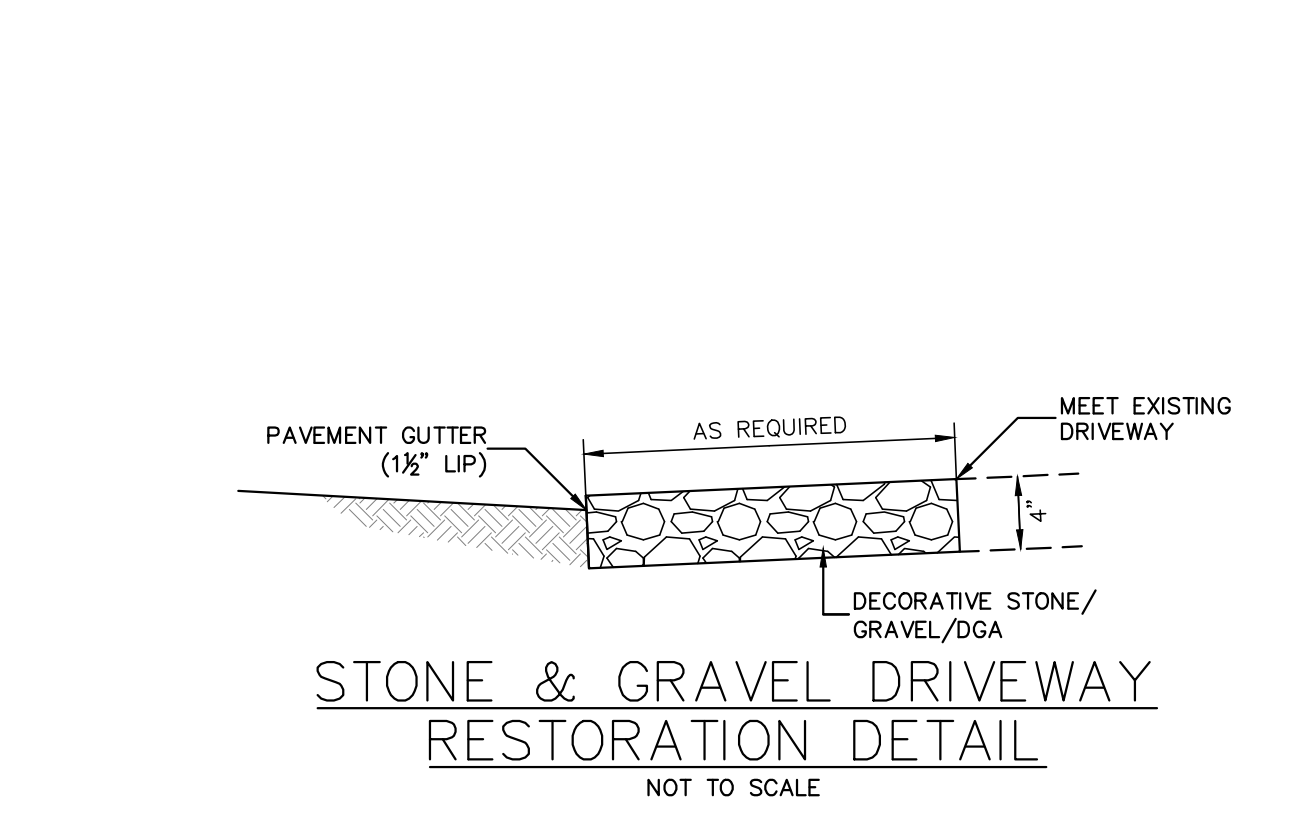


LEGEND	
	GAS VALVE
	GAS SHUTOFF
	WATER VALVE
	WATER SHUTOFF
	WATER METER
	FIRE HYDRANT
	SANITARY CLEANOUT
	UTILITY POLE
	UTILITY POLE W/LIGHT
	SIGN
	STREET ID SIGN
	MAILBOX
	SHRUB
	EVERGREEN TYPE TREE
	BROAD LEAF TREE
	MILL AND OVERLAY



ESTIMATE OF QUANTITIES

Item No.	Item No.	Description	Plan Quantity	If and Where Directed	Contract Amount	Unit
1	151006M	PERFORMANCE BOND				DOLL
2	151006M	PAYMENT BOND				DOLL
3	154003P	MOBILIZATION				LS
4	157004M	CONSTRUCTION LAYOUT				DOLL
5	158027M	INLET FILTER TYPE 1				SF
6	159003M	BREAKAWAY BARRICADE				U
7	159005M	DRUM				U
8	159009M	TRAFFIC CONE				U
9	159012M	CONSTRUCTION SIGNS				SF
10	159141M	POLICE TRAFFIC DIRECTORS				HR
11	160004M	FUEL PRICE ADJUSTMENTS				DOLL
12	160007M	ASPHALT PRICE ADJUSTMENTS				DOLL
13	201003P	CLEARING SITE				LS
14	202006M	EXCAVATION, TEST PITS				CY
15	202009P	EXCAVATION, UNCLASSIFIED				CY
16	202021P	REMOVAL OF PAVEMENT				CY
17	302036P	DENSE GRADED AGGREGATE, BASE COURSE, 6-INCH THICK				CY
18	302036P	HMA MILLING, 3" OR LESS				SY
19	401030M	TACK COAT				GAL
20	401042M	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE, 2-1/2 INCH THICK				T
21	401042M	HOT MIX ASPHALT 9.5 M 64 INTERMEDIATE (LEVELING) COURSE				T
22	401096M	HOT MIX ASPHALT 19 M 64 BASE COURSE, VARIABLE THICKNESS				T
23	401108M	CORE SAMPLES, HOT MIX ASPHALT				U
24	601409P	8-INCH PERFORATED HIGH DENSITY POLYETHYLENE PIPE				LF
25	601419P	12-INCH HIGH DENSITY POLYETHYLENE PIPE				LF
26	602009M	INLET, TYPE A				U
27	606012P	CONCRETE SIDEWALK, 4" THICK				SY
28	606028P	RESET CONCRETE PAVERS				SY
29	606044P	STONE OR GRAVEL DRIVEWAY, 6-INCH THICK				SY
30	606057P	CONCRETE DRIVEWAY, 6" THICK				SY
31	607021P	9"x18" CONCRETE VERTICAL CURB				LF
32	607075P	GRANITE CURB				LF
33	606084P	DETECTABLE WARNING SURFACE				SY
34	610003M	TRAFFIC STRIPES, 4" WIDE, YELLOW	200			LF
35	MMR081M	TRAFFIC MARKINGS, LINE, THERMOPLASTIC, 24-WIDE, WHITE	88			LF
36	652432M	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING				U
37	8050302	EDGE RESTORATION				LF
38	8050302	6"x6" TIMBER LANDSCAPE TIE REPLACEMENT				LF



1	10/05/22	REVISED PER PSE REVIEW COMMENTS DATED 10/05/22	JSM	F.J.L.
NO.	DATE	REVISION DESCRIPTION	DRAWN	CHK'D

OWEN, LITTLE & ASSOCIATES, INC.
 No. 24682708509
 Engineers, Planners, Surveyors
 443 Atlantic City Blvd.
 Brickwood, NJ 08132
 Tel: 732/244-1190
 Fax: 732/341-3412

FRANK J. LITTLE, JR. P.E., P.P.

PROFESSIONAL ENGINEER
 N.J. LIC. NO. 24682708500
 PROFESSIONAL PLANNER
 N.J. LIC. NO. 03098

2021 DOT ROAD RECONSTRUCTION PROJECT

NORTH 3RD STREET ROAD IMPROVEMENTS

STRIPING PLAN AND CONSTRUCTION DETAILS

BOROUGH OF SURF CITY
 OCEAN COUNTY NEW JERSEY

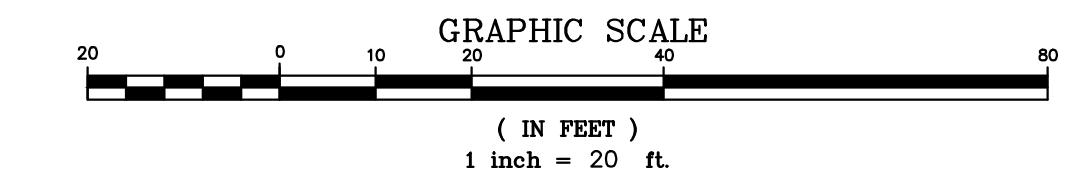
SCALE	DATE	DRAWN	CHK'D	APPROVED FOR CONSTRUCTION	SURVEY & BILLING NO.	DRAWING NO.
1"=20'	8/15/22	JSM	AM JR	APPR.	22-024275 SC 21RDS	12

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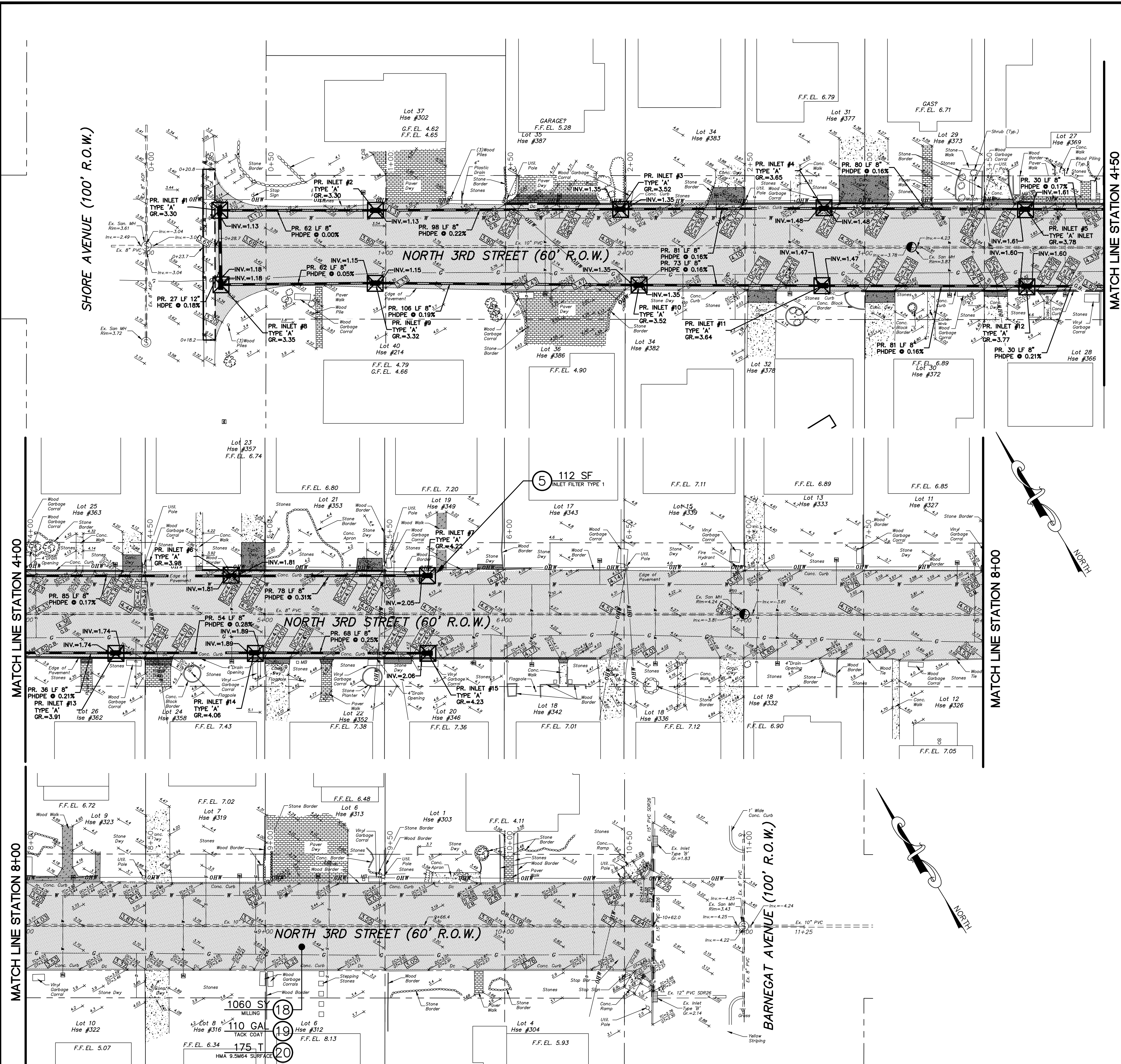


LEGEND	
	GAS VALVE
	GAS SHUTOFF
	WATER VALVE
	WATER SHUTOFF
	WATER METER
	FIRE HYDRANT
	SANITARY CLEANOUT
	UTILITY POLE
	UTILITY POLE W/LIGHT
	UTILITY POLE W/GUY WIRE
	SIGN
	STREET ID SIGN
	MAILBOX
	SHRUB
	EVERGREEN TYPE TREE
	BROAD LEAF TREE
	MILL AND OVERLAY

NOTE: THE 2019 U.S. CUSTOMARY ENGLISH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE NEW JERSEY DEPARTMENT OF TRANSPORTATION, LATEST EDITION, INCLUDING ALL BASELINE DOCUMENT CHANGE (BDC) ANNOUNCEMENTS SHALL COVER THE CONSTRUCTION OF THIS PROJECT.
REFER TO ADOPT SPECIAL PROVISIONS FOR STATE AID PROJECTS F192019 EDITION WITH THE LATEST REVISIONS.
THE NDOT STANDARD CONSTRUCTION DETAILS FOR ROADWAY, TRAFFIC CONTROL, AND BRIDGE BOOKLET (2016); AND THE NDOT STANDARD ELECTRICAL DETAIL BOOKLET (2001), INCLUDING ALL BASELINE DOCUMENT CHANGE (BDC) ANNOUNCEMENTS ARE APPLICABLE TO THIS PROJECT EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.

ESTIMATE OF QUANTITIES

Item No.	Item No.	Description	Plan Quantity	If and Where Directed	Contract Amount	Unit
1	151006M	PERFORMANCE BOND				DOLL
2	151006M	PAYMENT BOND				DOLL
3	154003P	MOBILIZATION				LS
4	157004M	CONSTRUCTION LAYOUT	112			DOLL
5	158027M	INLET FILTER TYPE 1				SF
6	159003M	BREAKAWAY BARRICADE				U
7	159006M	DRUM				U
8	159009M	TRAFFIC CONE				U
9	159012M	CONSTRUCTION SIGNS				SF
10	159141M	POLICE TRAFFIC DIRECTORS				HR
11	160004M	FUEL PRICE ADJUSTMENTS				DOLL
12	160007M	ASPHALT PRICE ADJUSTMENTS				DOLL
13	201003P	CLEARING SITE				LS
14	202006M	EXCAVATION, TEST PITS				CY
15	202009P	EXCAVATION, UNCLASSIFIED				CY
16	202021P	REMOVAL OF PAVEMENT				CY
17	302036P	DENSE GRADED AGGREGATE, BASE COURSE, 6-INCH THICK				CY
18	302036P	HMA MILLING, 3" OR LESS				SY
19	401030M	TACK COAT				GAL
20	401042M	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE, 2-1/2 INCH THICK				T
21	401042M	HOT MIX ASPHALT 9.5 M 64 INTERMEDIATE (LEVELING) COURSE				T
22	401096M	HOT MIX ASPHALT 19 M 64 BASE COURSE, VARIABLE THICKNESS				T
23	401108M	CORE SAMPLES, HOT MIX ASPHALT				U
24	601409P	8-INCH PERFORATED HIGH DENSITY POLYETHYLENE PIPE				LF
25	601419P	12-INCH HIGH DENSITY POLYETHYLENE PIPE				LF
26	602009M	INLET, TYPE A				U
27	606012P	CONCRETE SIDEWALK, 4" THICK				SY
28	606028P	RESET CONCRETE PAVERS				SY
29	606044P	STONE OR GRAVEL DRIVEWAY, 6-INCH THICK				SY
30	606057P	CONCRETE DRIVEWAY, 6" THICK				SY
31	607021P	9"x18" CONCRETE VERTICAL CURB				LF
32	607075P	GRANITE CURB				LF
33	606084P	DETECTABLE WARNING SURFACE				SY
34	610003M	TRAFFIC STRIPES, 4" WIDE, YELLOW				LF
35	MMR081M	TRAFFIC MARKINGS, LINE, THERMOPLASTIC, 24-WIDE, WHITE				LF
36	652432M	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING				U
37	8050302	EDGE RESTORATION				LF
38	8050302	6"x6" TIMBER LANDSCAPE TIE REPLACEMENT				LF



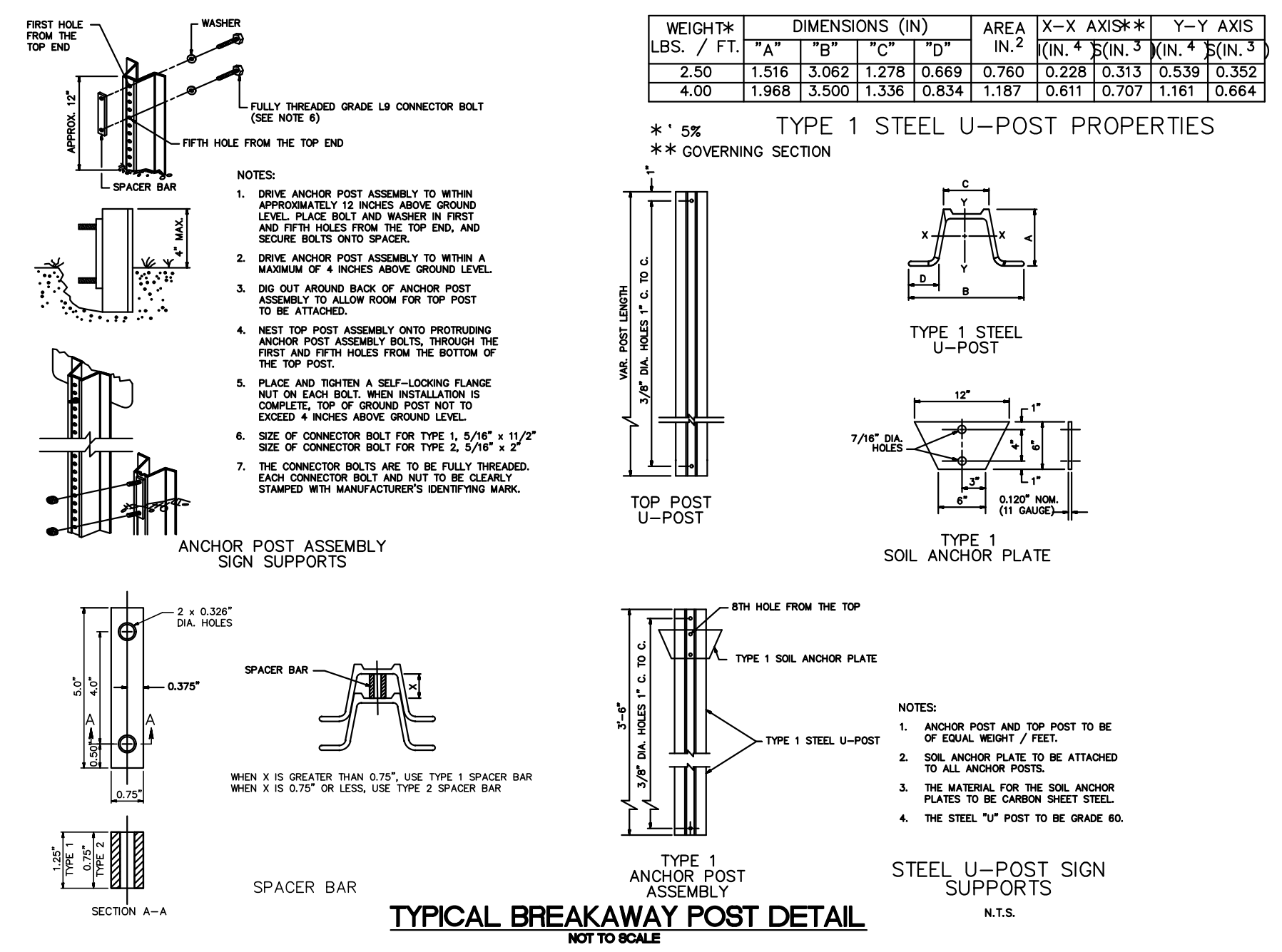
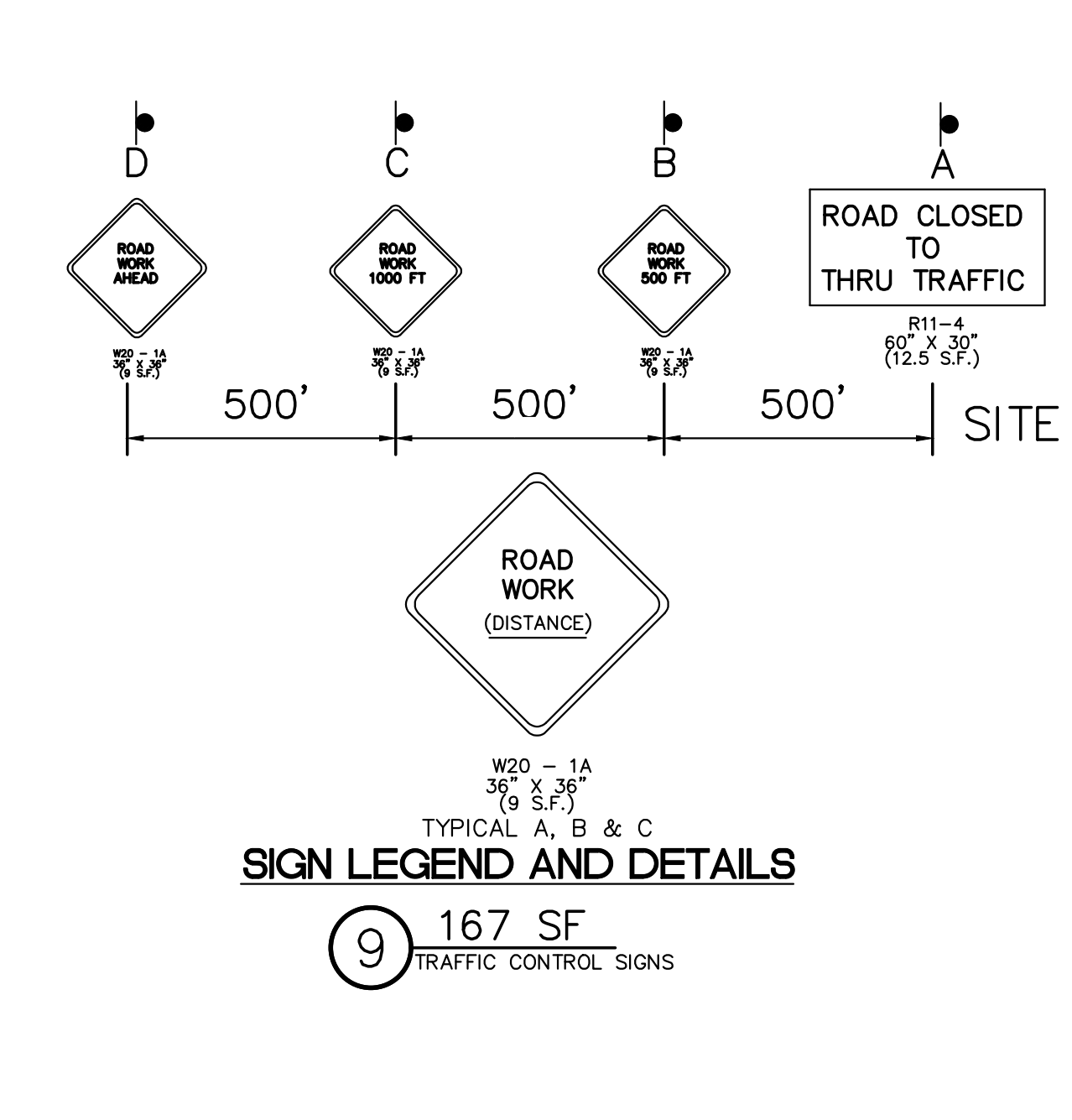
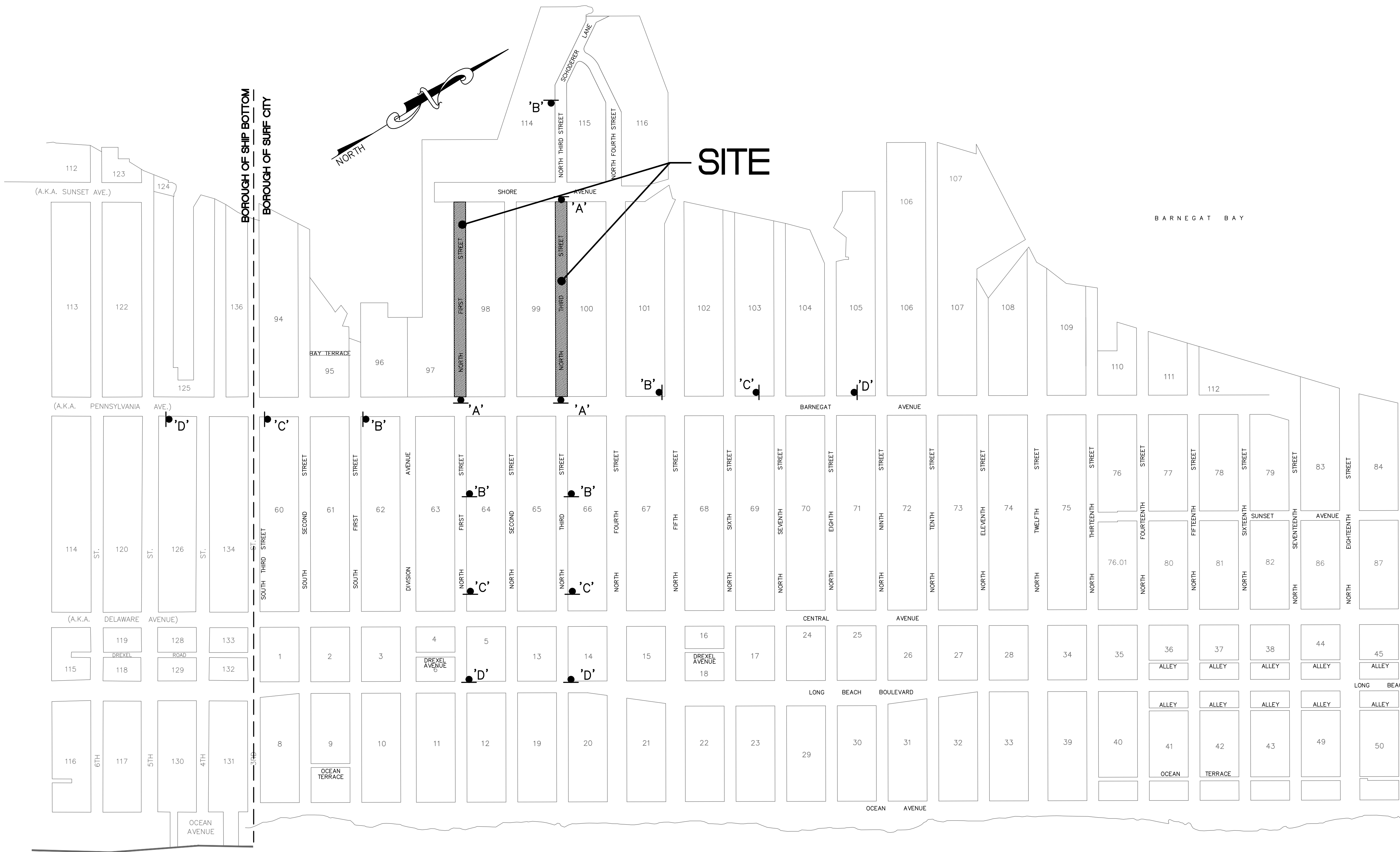
1	10/05/22	REVISED PER PSE REVIEW COMMENTS DATED 10/05/22	JSM	F.J.L.
NO.	DATE	REVISION DESCRIPTION	CONSTRUCTION	DRAWN/CHK'D
FRANK J. LITTLE, JR. P.E., P.P. PROFESSIONAL ENGINEER No. 2462708500 443 Atlantic City Blvd. Brickwood, NJ 08132 Tel: 732-244-1390 Fax: 732-341-3412				
2021 DOT ROAD RECONSTRUCTION PROJECT NORTH 3RD STREET ROAD IMPROVEMENTS SOIL EROSION AND SEDIMENT CONTROL PLAN BOROUGH OF SURF CITY NEW JERSEY				
OCEAN COUNTY		NEW JERSEY		
SCALE	DATE	DRAWN	CHK'D	APPROVED FOR CONSTRUCTION
1"=20'	8/15/22	JSM	AM JR	APPR.
		SURVEY & BILLING NO.		DRAWING NO.
		22-024275		13
		SC 21RDS		15

2:3020 (Revised) 2021 11 15T - 14 3RD ST (CAD) (DWG) - INFO - ST-115 - SUT13

NOTE:
THE 2018 U.S. CUSTOMARY ENGLISH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE NEW JERSEY DEPARTMENT OF TRANSPORTATION, LATEST EDITION, INCLUDING ALL BASELINE DOCUMENT CHANGE (BDC) ANNOUNCEMENTS SHALL APPLY TO THE CONSTRUCTION OF THIS PROJECT.
REFER TO ADOPT SPECIAL PROVISIONS FOR STATE AID PROJECTS F70219 EDITION WITH THE LATEST REVISIONS.
THE NDOT STANDARD CONSTRUCTION DETAILS FOR ROADWAY, TRAFFIC CONTROL, AND BRIDGE BOOKLET (2016), AND THE NDOT STANDARD ELECTRICAL DETAIL BOOKLET (2007), INCLUDING ALL BASELINE DOCUMENT CHANGE (BDC) ANNOUNCEMENTS ARE APPLICABLE TO THIS PROJECT EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.

ESTIMATE OF QUANTITIES

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1	151006M	PERFORMANCE BOND				DOLL
2	151006M	PAYMENT BOND				DOLL
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4	157004M	CONSTRUCTION LAYOUT				DOLL
5	158027M	INLET FILTER TYPE 1				SF
6	159003M	BREAKAWAY BARRICADE				U
7	159006M	DRUM				U
8	159009M	TRAFFIC CONE				U
9	159012M	CONSTRUCTION SIGNS	167			SF
10	159141M	POLICE TRAFFIC DIRECTORS				HR
11	160004M	FUEL PRICE ADJUSTMENTS				DOLL
12	160007M	ASPHALT PRICE ADJUSTMENTS				DOLL
13	201003P	CLEARING SITE				LS
14	202006M	EXCAVATION, TEST PITS				CY
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17	302036P	DENSE GRADED AGGREGATE, BASE COURSE, 6-INCH THICK				CY
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22	401096M	HOT MIX ASPHALT 19 M 64 BASE COURSE, VARIABLE THICKNESS				T
23	401108M	CORE SAMPLES, HOT MIX ASPHALT				U
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26	602009M	INLET, TYPE A				U
27	606012P	CONCRETE SIDEWALK, 4" THICK				SY
28	606028P	RESET CONCRETE PAVEMENT				SY
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1	10/05/22	REVISED PER PSE REVIEW COMMENTS DATED 10/05/22	JSM	F.J.L.
NO.	DATE	REVISION DESCRIPTION	DRAWN	CHK'D

2021 DOT ROAD RECONSTRUCTION PROJECT
NORTH 1ST & NORTH 3RD STREET
ROAD IMPROVEMENTS
TRAFFIC CONTROL PLANS

BOROUGH OF SURF CITY
NEW JERSEY

OWEN, LITTLE & ASSOCIATES, INC.
443 Atlantic City Blvd.
Barnegat, NJ 08022
Tel: 732.244-1392
Fax: 732.241-3412

FRANK J. LITTLE, JR. P.E., P.P.

Authorization No. 24642785700
Engineers, Planners, Surveyors
& Architects
443 Atlantic City Blvd.
Barnegat, NJ 08022
Tel: 732.244-1392
Fax: 732.241-3412

PROFESSIONAL ENGINEER
N.J. LIC. NO. 246E02708500
PROFESSIONAL PLANNER
N.J. LIC. NO. 03096

SCALE	DATE	DRAWN	CHK'D	APPROVED FOR CONSTRUCTION	SURVEY & BILLING NO.	DRAWING NO.
1"=20'	8/15/22	JSM	AM JR	APPR.	22-024275	15