MIDDLETOWN
Rhode Island

PLANNING DEPARTMENT
TOWN OF MIDDLETOWN
350 East Main Road, Middletown, RI 02842
(401) 849-4027 | MiddletownRI.com

NOTICE
Town of Middletown
Public Hearing

Purgatory Road Sidewalk

February 7, 2022 at 6:30pm

Town Council Chambers, 350 East Main Road
Middletown, RI 02842

The Town Council will hold a public hearing during its February 7, 2022 meeting, 6:30pm, to review and consider approval of the 30% design plans for the proposed Purgatory Road sidewalk. Comments and questions from the public will be addressed.

The latest plans and other information regarding the project are available at: https://middletownri.com/746/Purgatory-Rd-Sidewalk The project will result in installation of a concrete sidewalk on the south side of Purgatory Road, with the paved roadway consisting of two 10-foot wide travel lanes and two 4-foot shoulders.

Remote access for this hearing is also provided via Zoom or telephone using the following: Zoom link - https://us02web.zoom.us/j/83150116458 Or Telephone: 1-888 475 4499 (Toll Free), Webinar ID: 831 5011 6458

Please contact the Planning Department at (401) 849-4027 or rwolanski@middletownri.com with questions or to schedule an appointment to view and discuss the plans.

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Purgatory Rd. Sidewalk Timeline

Following are major milestones and actions taken in development of the proposed Purgatory Rd. sidewalk:

- **October 3 & 17, 2011** - Town Council public hearings held on potential project applications for the State Transportation Improvement Program (STIP). Pedestrian safety concerns identified by Council members and members of the public on Purgatory Rd. Town Council voted to proceed with submission of application for Purgatory Road sidewalk amongst other projects.
- **October 26, 2011** - Application submitted for the 2013-2016 STIP
- **November 10, 2011** – State Transportation Advisory Committee public hearing held at Middletown Town Hall to review and accept public comment on Middletown's project applications and those for surrounding communities.
- **June 2012** – Purgatory Rd. sidewalk project listed in the Town's FY2013 Capital Improvement Program (CIP), and has been included in all subsequent annual CIP documents.
- **July 12, 2012** – 2013-2016 STIP approved. Purgatory Rd. sidewalk not included for funding.
- **December 7, 2015** – Town Council public hearing held to discuss potential project applications for the 2017-2025 STIP – Purgatory Rd. sidewalk amongst other project applications approved by the Town Council for submission.
- **January 4, 2016** – Application submitted for 2017-2025 STIP
- **April 2016** – Draft 2017-2025 STIP issued. Purgatory Rd. sidewalk project included for funding of $640,000 in FY2021 (ID 5072). Project retained in all subsequent STIP updates.
- **April 15, 2019** – Town Council approval to contract with VHB for Purgatory Rd. sidewalk design.
- **2019-2020** – VHB work with Town staff to produce preliminary design plans.
- **October 28, 2020** – RIDOT subrecipient agreement with Town executed, providing for allocation of federal funds to the project.
- **March 23, 2021** – Public meeting via Zoom to present 10% design plans. All Purgatory Rd. property owners notified by 1st class mail. Advertising in Newport Daily News, Town website & social media. Following meeting, plans refined based on public comments and engineering considerations.

- **September 9, 2021** - 2022-2031 STIP adopted, including funding in FY22 & FY23 totaling $820,000 for Purgatory Rd. sidewalk project (ID 5072).
- **September 22, 2021** - Public meeting via Zoom to present revised design plans and discuss potential private property impacts. All Purgatory Rd. property owners notified by 1st class mail. Advertising in Newport Daily News, Town website & social media. Following meeting, work to complete 30% design plans.
- **November 15, 2021 –** VHB submits 30% design plans to the Town for review. Maps depicting impact on individual parcels also provided.
- **January 13, 2022 –** Town notified of increase in funding as a result of the recently passed federal infrastructure bill. Funding for Purgatory sidewalk increased to $1.23 million.

Next Steps:

- **Ongoing –** Staff review of 30% design plans; Outreach to directly impacted property owners to review potential property impacts.
- **February 7, 2022 –** Town Council public hearing to present 30% design plans and request authorization to proceed with final design and permitting. All Purgatory Rd. property owners notified of hearing by 1st class mail. Advertising in Newport Daily News, Town website & social media. Following the public hearing, if authorized to proceed, submit 30% design plans to RIDOT for review, and request temporary access agreements for impacted properties.
- **Winter-Spring 2022 –** Completion of 90% design plans
- **Spring-Summer 2022** – Advertising/bidding for construction
- **Fall 2022** – Begin construction. No construction activity during the summer season.

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January 10, 2022

«PIN»
«AddressBlock»

Re: Proposed Purgatory Road Sidewalk

Dear Mr./Ms. «MailOwner1»,

The Town of Middletown is in the process of completing the design for the proposed Purgatory Road sidewalk. This project has been identified as a high priority by the Town Council, and has been included in the Town's Capital Improvement Program for the past several years. Pedestrian and bicyclist safety concerns have been raised for a number of years along Purgatory Road, particularly in the Summer season with its high traffic volumes, and bicyclists and pedestrians all competing for use of the narrow roadway. The project will result in installation of a concrete sidewalk on the south side of Purgatory Road, with the paved roadway consisting of two 10-foot-wide travel lanes and two 4-foot shoulders. Funding was sought and has been awarded through the State Transportation Improvement Program (STIP) to help offset the costs of the project. The Town has contracted with engineering firm VHB to complete the engineering design work needed to solicit bids for construction.

Public meetings were held via Zoom on March 23, 2021, and September 22, 2021 to present options and get feedback from property owners abutting the project and the general public. That input has helped provide direction to the design team, which has now developed the latest plans, known as 30% design plans. This stage of design is intended to allow for review by Town officials and the RI Dept. of Transportation (RIDOT) before final construction plans are completed. **The 30% plans will be presented to the Town Council during a public hearing scheduled to be held during its regular meeting on February 7, 2022, 6:30pm. Please see the enclosed notice. The 30% design plans are available for review at:** https://middletownri.com/746/Purgatory-Rd-Sidewalk

Also enclosed is a map showing the potential impact of the project on your property specifically. The map identifies the location of the proposed sidewalk and a grass strip to be installed between the sidewalk and the roadway, where possible. The sidewalk will be constructed entirely on public property. The map also indicates an area of potential disturbance on abutting private property, identified in blue as a "temporary easement" area, with the anticipated impacts listed at the bottom of the page. In most cases the impacts within the easement area will be minimal, and might only involve the need for workers to be able to access and maneuver around the construction site. If grading or other work is required on private property within the easement area, the property will be restored prior to project completion. It is anticipated that some tree removal, and some hedge removal or trimming will be necessary, primarily on public property or

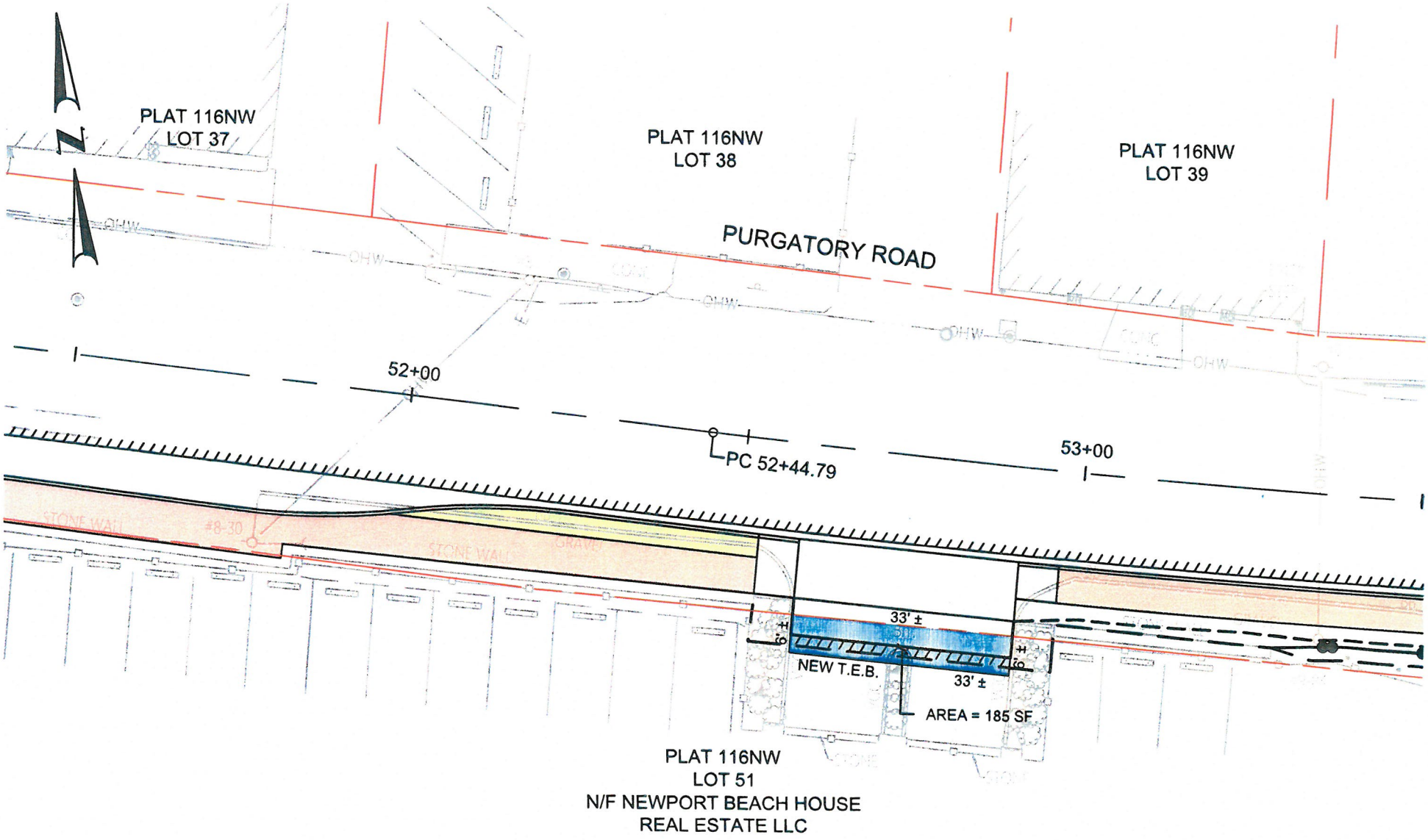
where trees, hedges and other vegetation extends into public property or impedes the construction process.

Following the February 7th public hearing, and assuming approval of the 30% design plans by the Town Council, we will again contact each impacted property owner along Purgatory Road to request authorization to temporarily access private property during the construction process. This agreement will apply to the "temporary easement" area depicted on the enclosed map, which will be made an exhibit attached to the agreement. Having these agreements in place as soon as possible will allow for the completion of final design plans and keep us on schedule for construction beginning next Fall.

If you have any questions or concerns about the project or the anticipated construction impacts, please contact the Planning Department at (401) 849-4027 or rwolanski@middletownri.com. The Town appreciates your cooperation and partnership in getting this important project completed.

Sincerely,

Ronald M. Wolanski, AICP
Town Planner



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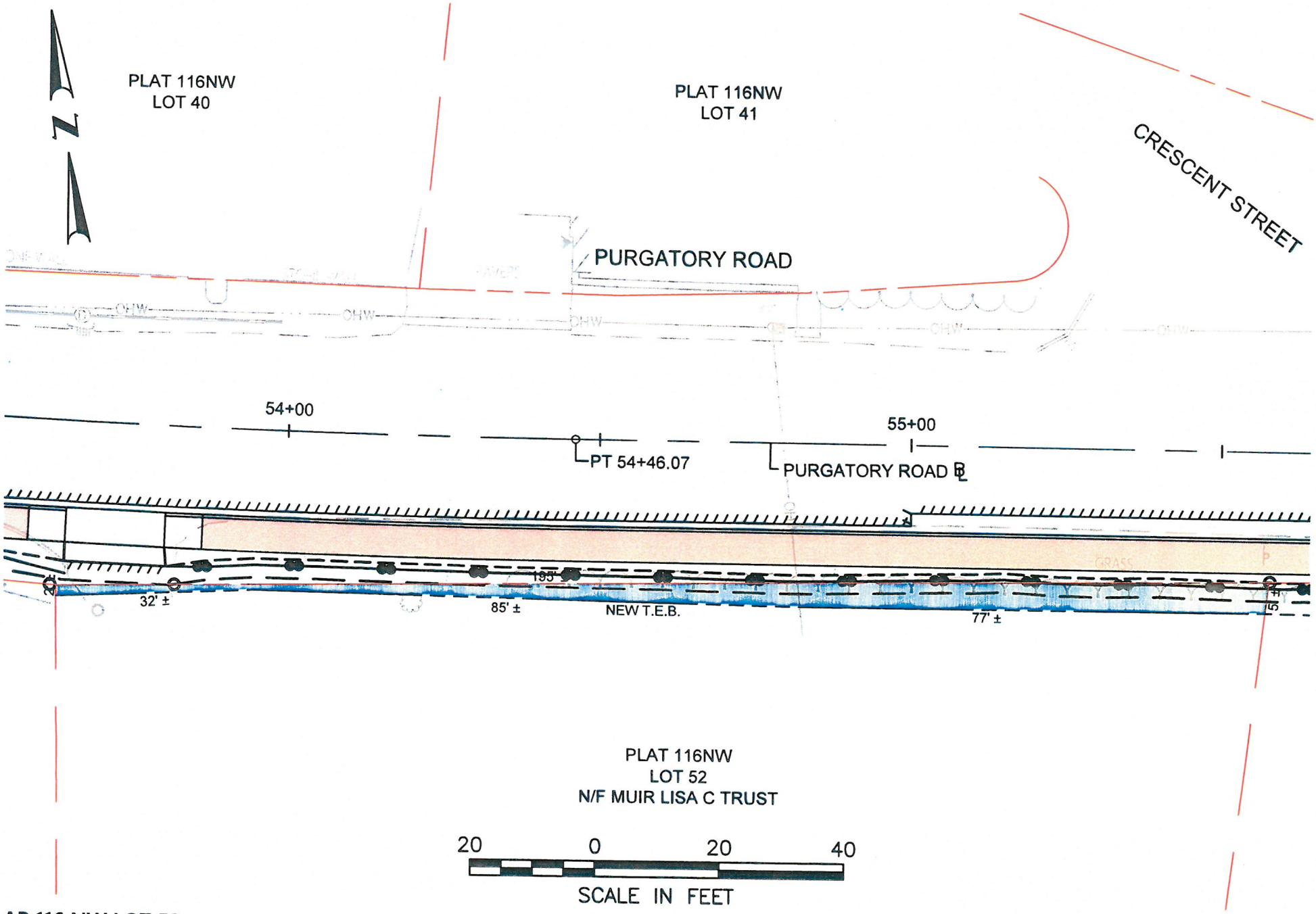
SCALE IN FEET

AP 116 NW LOT 51
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Newport Beach House Real Estate LLC**
Date: **November 2021**

AP 116NW LOT 51 IMPACTS:
- REGRADE/REPAVE DRIVEWAY
- 2' GRASS STRIP
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

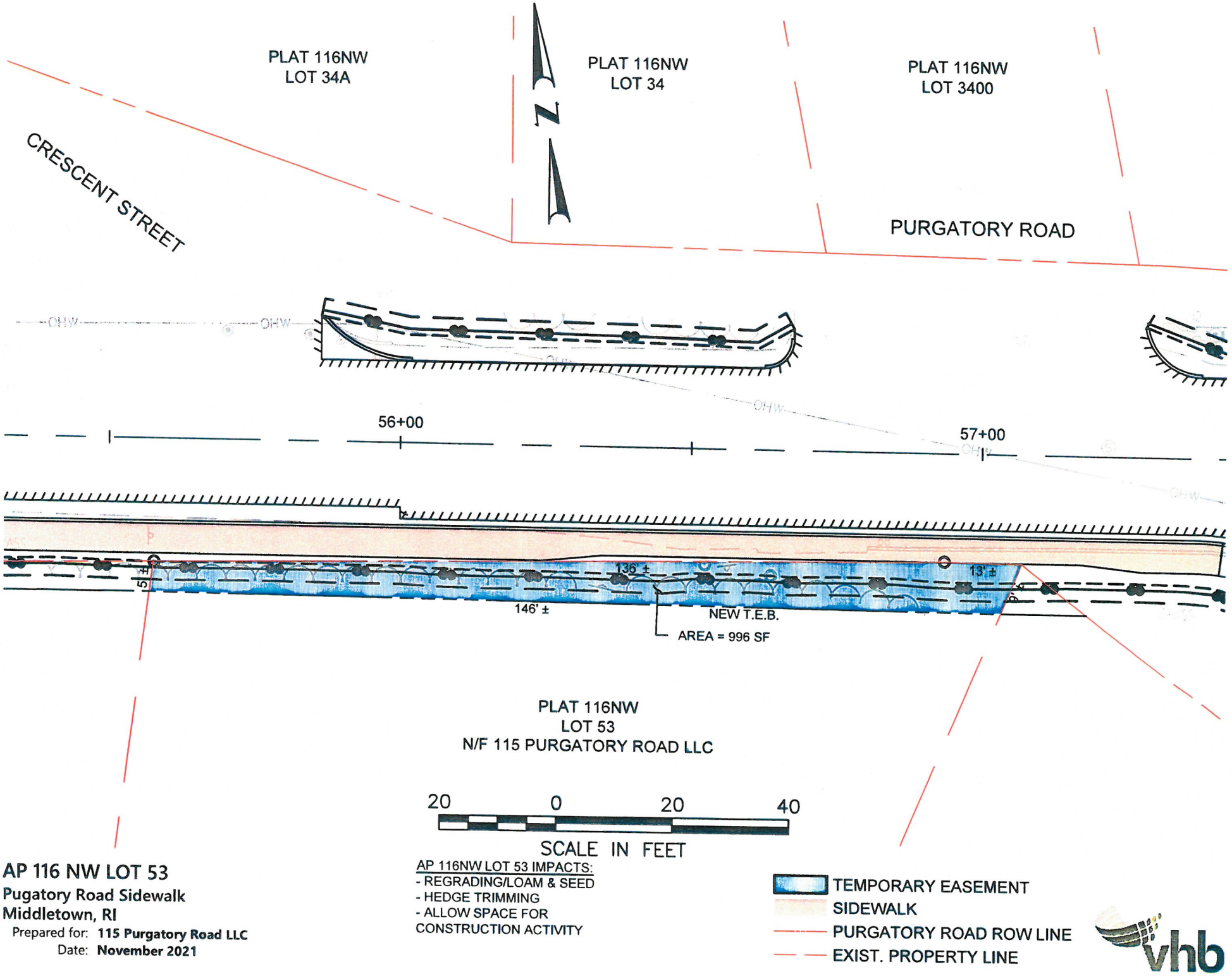


AP 116 NW LOT 52
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Muir Lisa C Trust**
Date: **November 2021**

AP 116NW LOT 52 IMPACTS:
- HEDGE TRIMMING
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

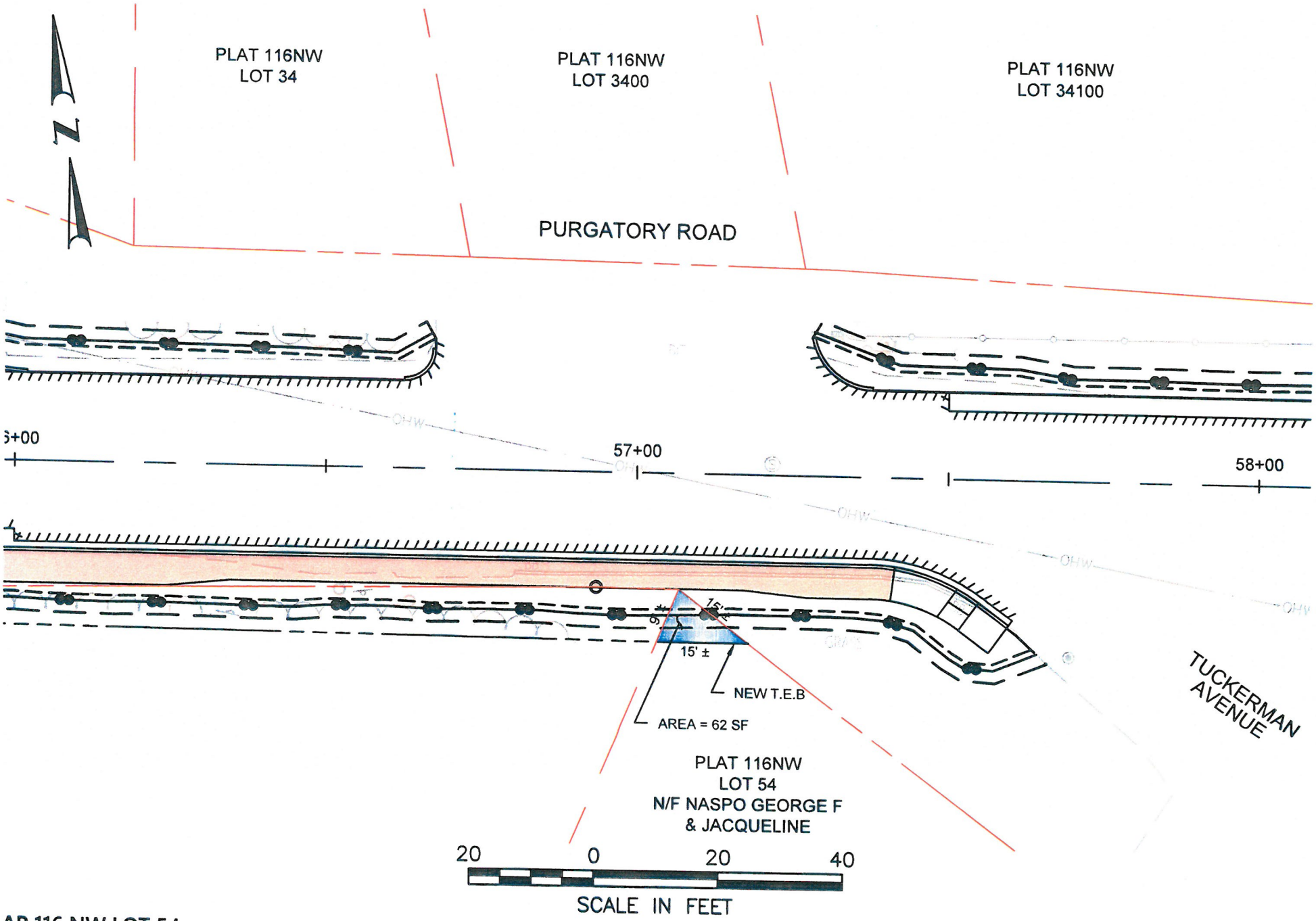
TEMPORARY EASEMENT
SIDEWALK
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb



AP 116 NW LOT 53
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **115 Purgatory Road LLC**
Date: **November 2021**

vhb

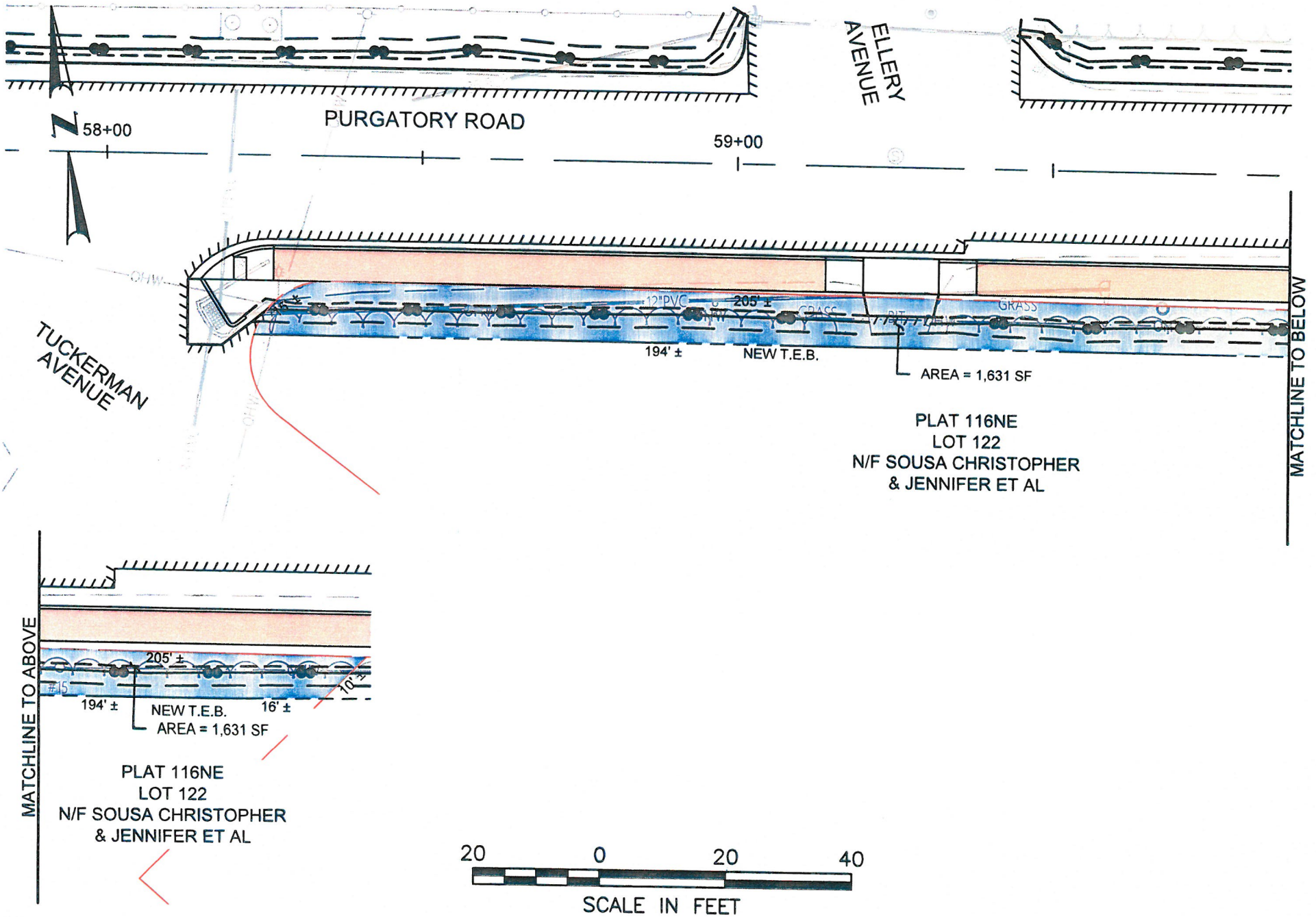


AP 116 NW LOT 54
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Naspo George F & Jacquiline**
Date: **November 2021**

AP 116NW LOT 54 IMPACTS:
- REGRADING/LOAM & SEED
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

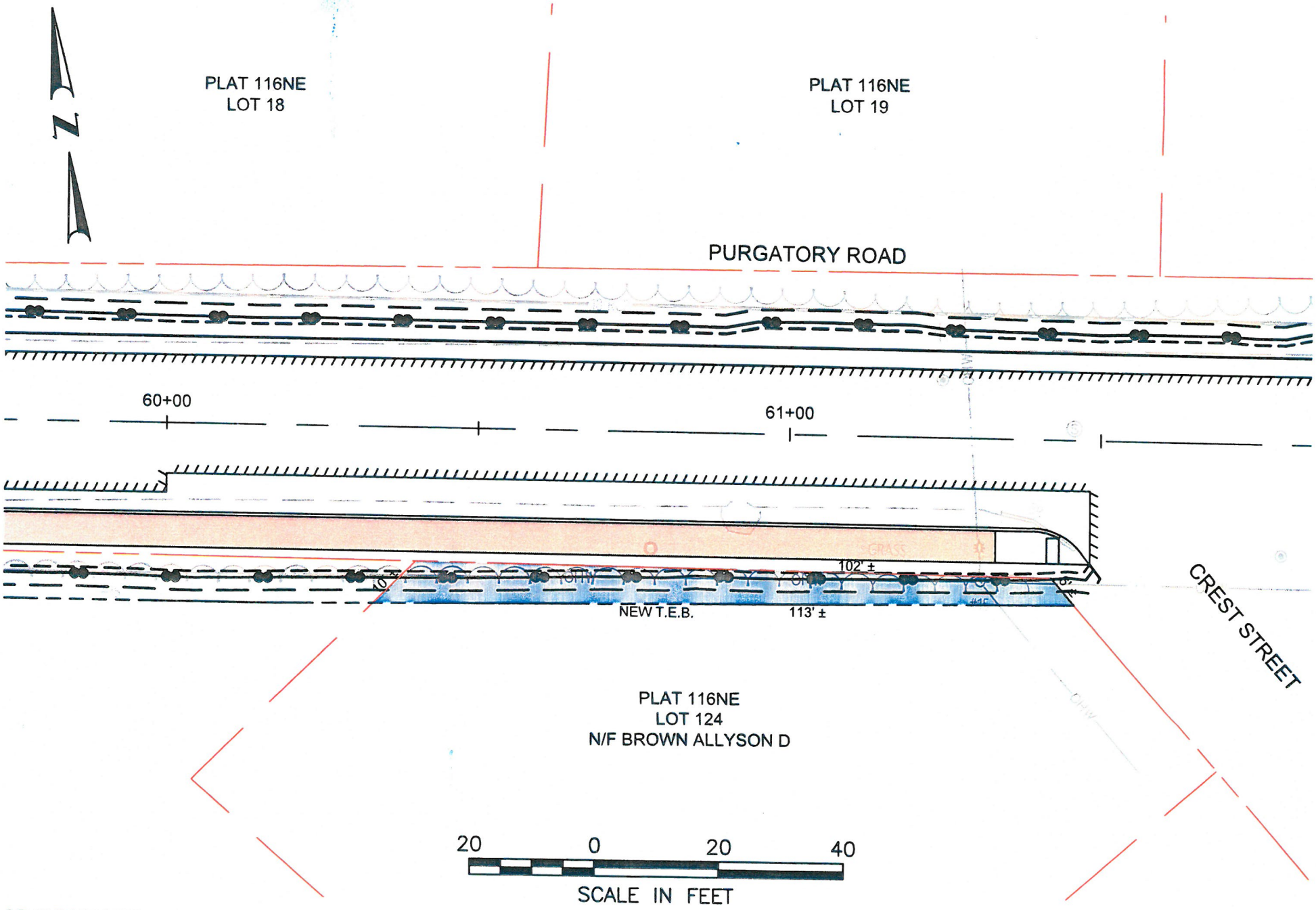


AP 116 NE LOT 122
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Sousa Christopher & Jennifer Et Al**
Date: **November 2021**

AP 116NE LOT 122 IMPACTS:
- REGRADE/REPAVE DRIVEWAY
- REGRADING/LOAM & SEED
- HEDGE TRIMMING
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

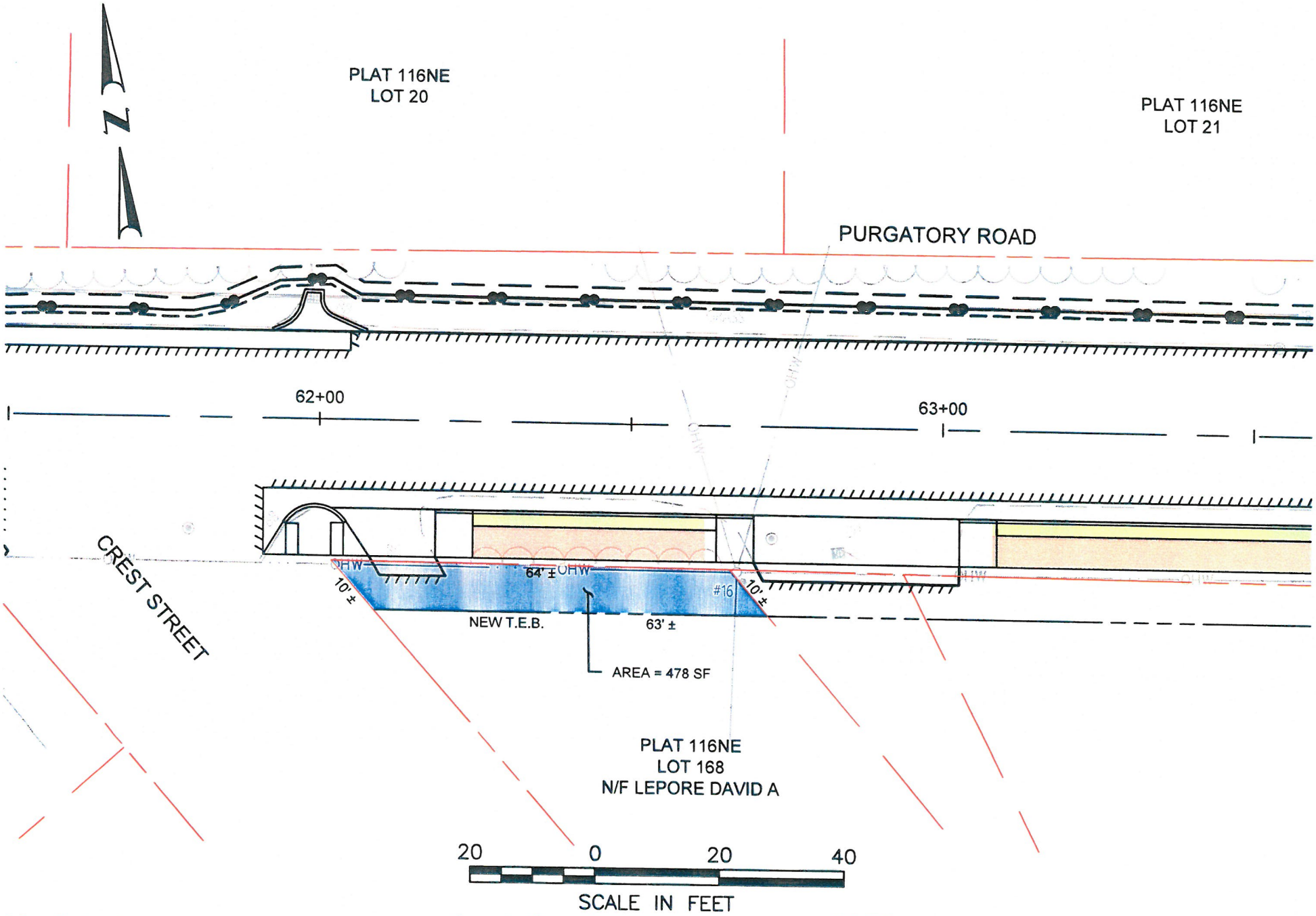


AP 116 NE LOT 124
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Brown Allyson D**
Date: **November 2021**

AP 116NE LOT 124 IMPACTS:
- REGRADING/LOAM & SEED
- HEDGE TRIMMING
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

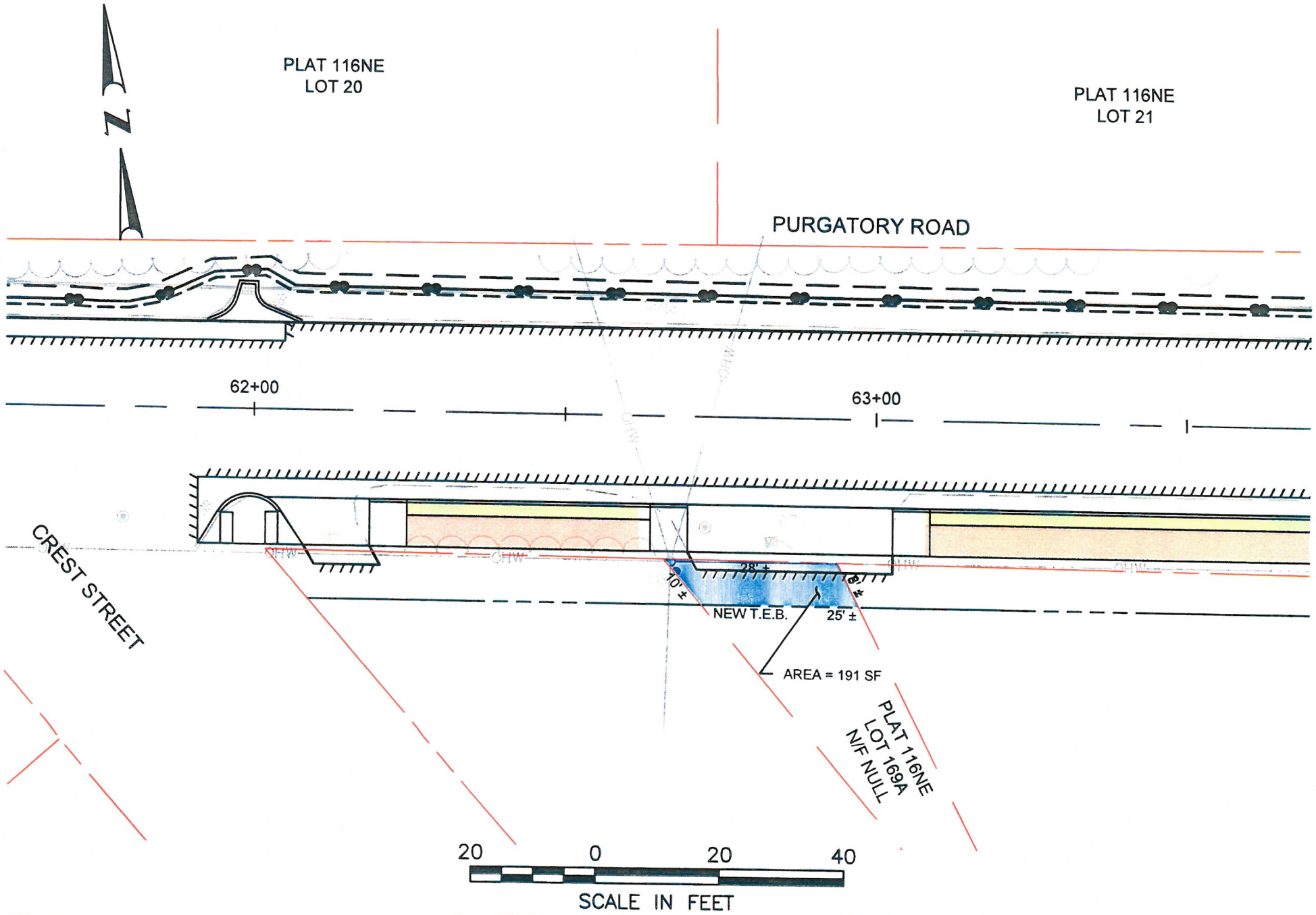


AP 116 NE LOT 168
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Lepore David A**
Date: **November 2021**

AP 116NE LOT 168 IMPACTS:
- REGRADE/REPAVE DRIVEWAY
- REGRADING/LOAM & SEED
- 2' GRASS STRIP
- HEDGE TRIMMING
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

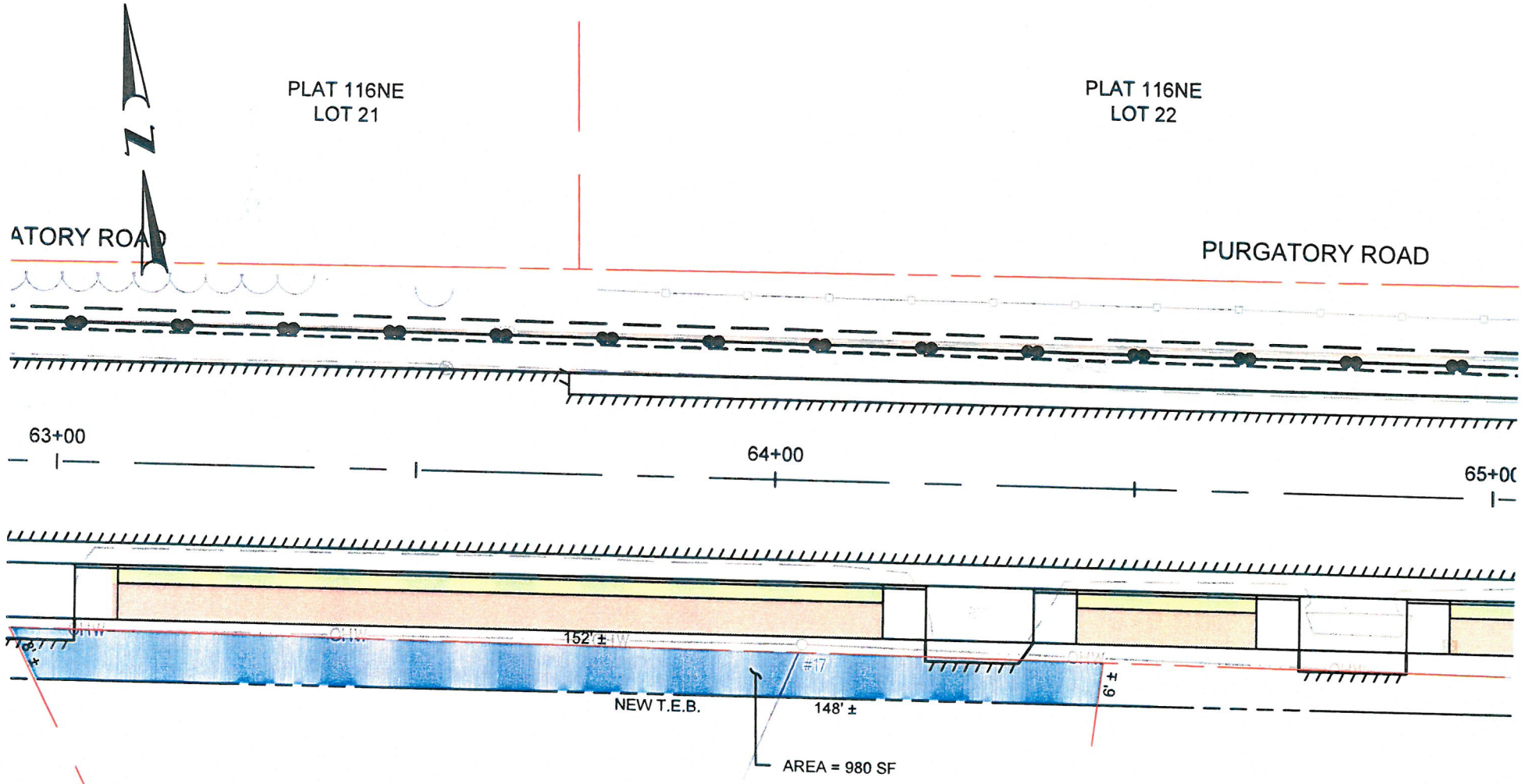


AP 116 NE LOT 169A
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Null**
Date: **November 2021**

AP 116NE LOT 169A IMPACTS:
- REGRADE/REPAVE DRIVEWAY
- REMOVE/RESET MAILBOX
- 2' GRASS STRIP
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb



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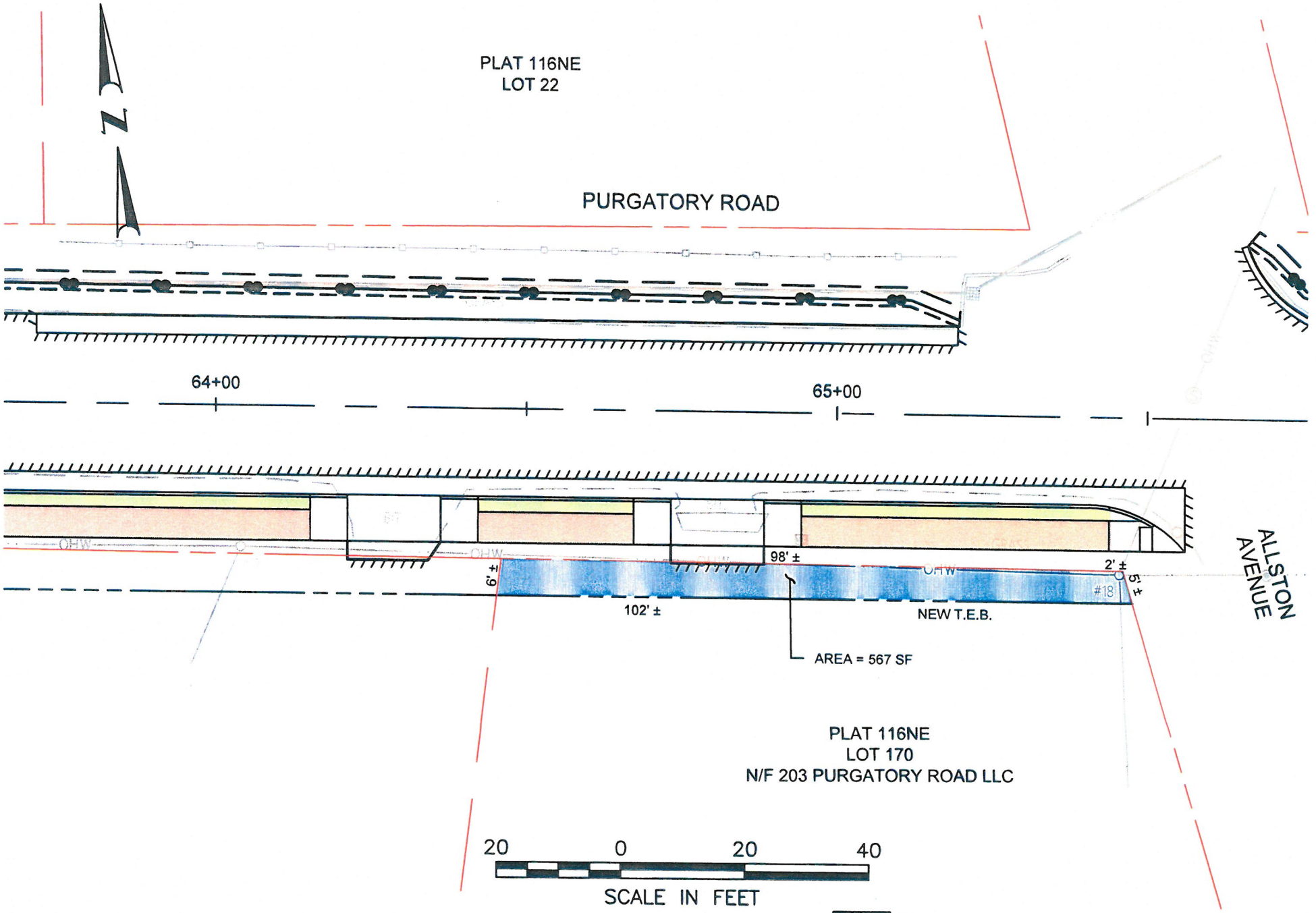
SCALE IN FEET

AP 116 NE LOT 169
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **197 Purgatory Road LLC**
Date: **November 2021**

AP 116NE LOT 169 IMPACTS:
- REGRADE/REPAVE DRIVEWAY
- REGRADING/LOAM & SEED
- 2' GRASS STRIP
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

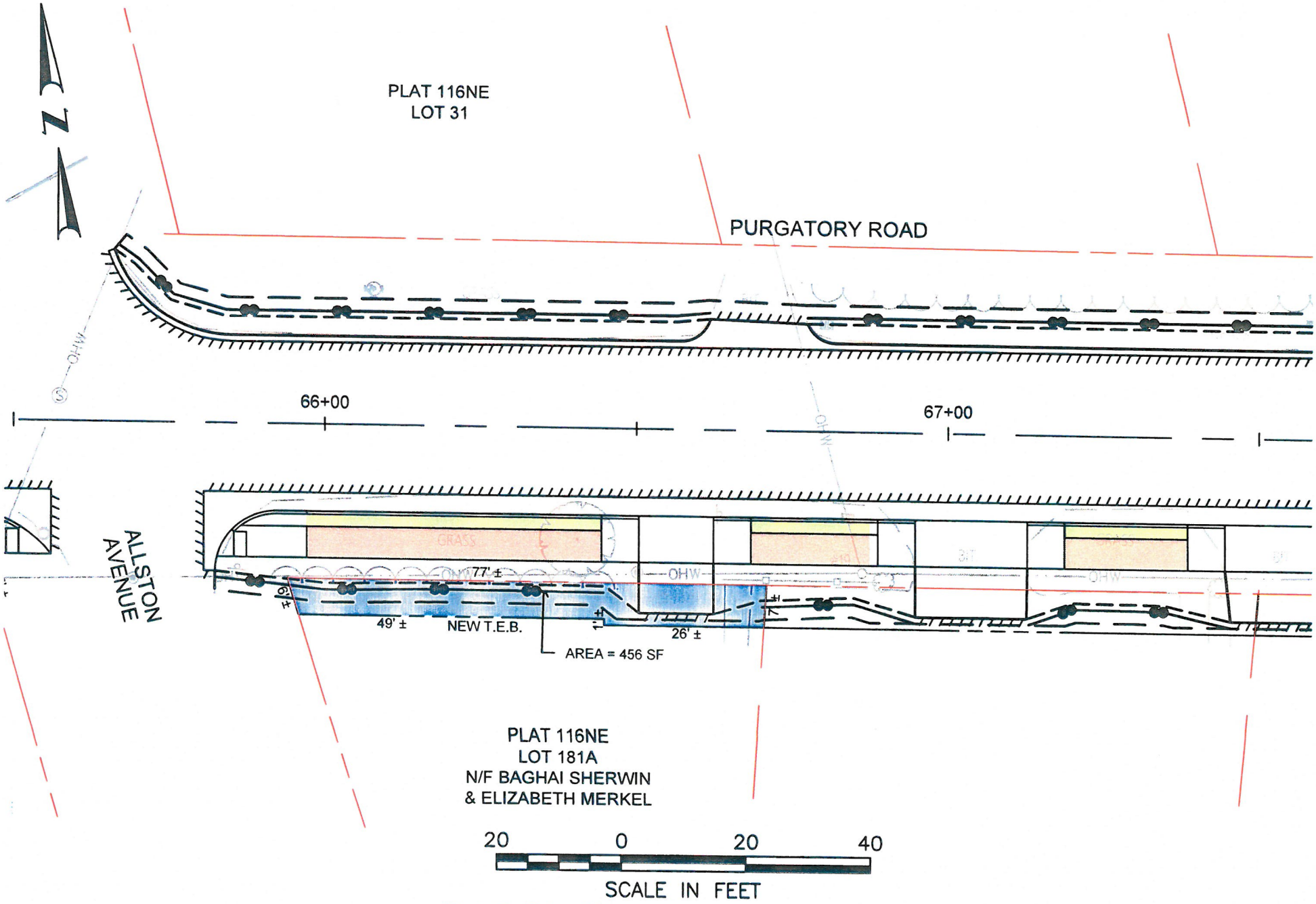


AP 116 NE LOT 170
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **203 Purgatory Road LLC**
Date: **November 2021**

AP 116NE LOT 170 IMPACTS:
- REGRADE/REPAVE DRIVEWAY
- REMOVE/RESET MAILBOX
- 2' GRASS STRIP
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

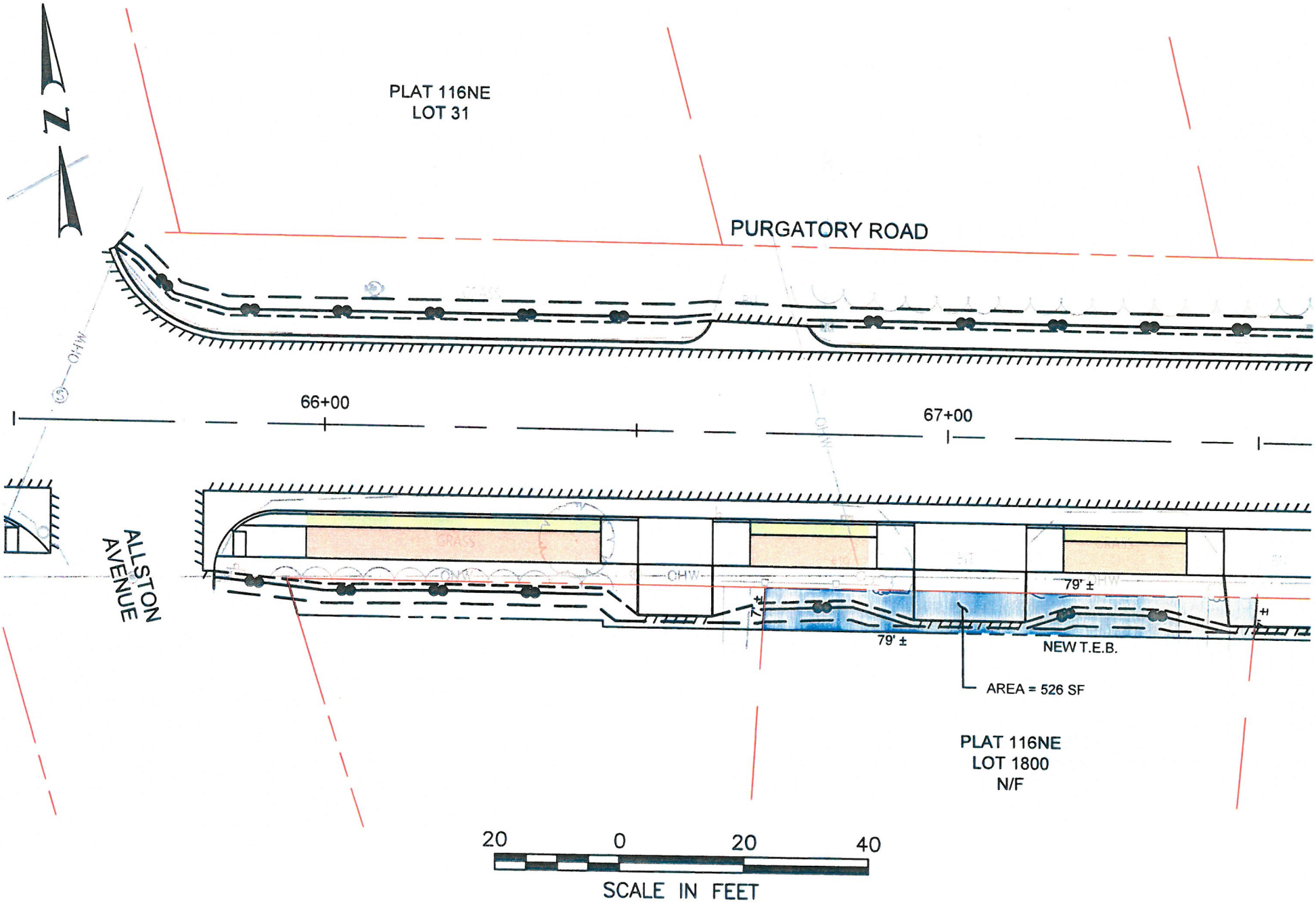


AP 116 NE LOT 181A
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Baghai Sherwin & Elizabeth Merkel**
Date: **November 2021**

AP 116NE LOT 181A IMPACTS:
- REGRADE/REPAVE DRIVEWAY
- REGRADE/LOAM & SEED
- REMOVE/DISPOSE TREE
- HEDGE TRIMMING
- 2' GRASS STRIP
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

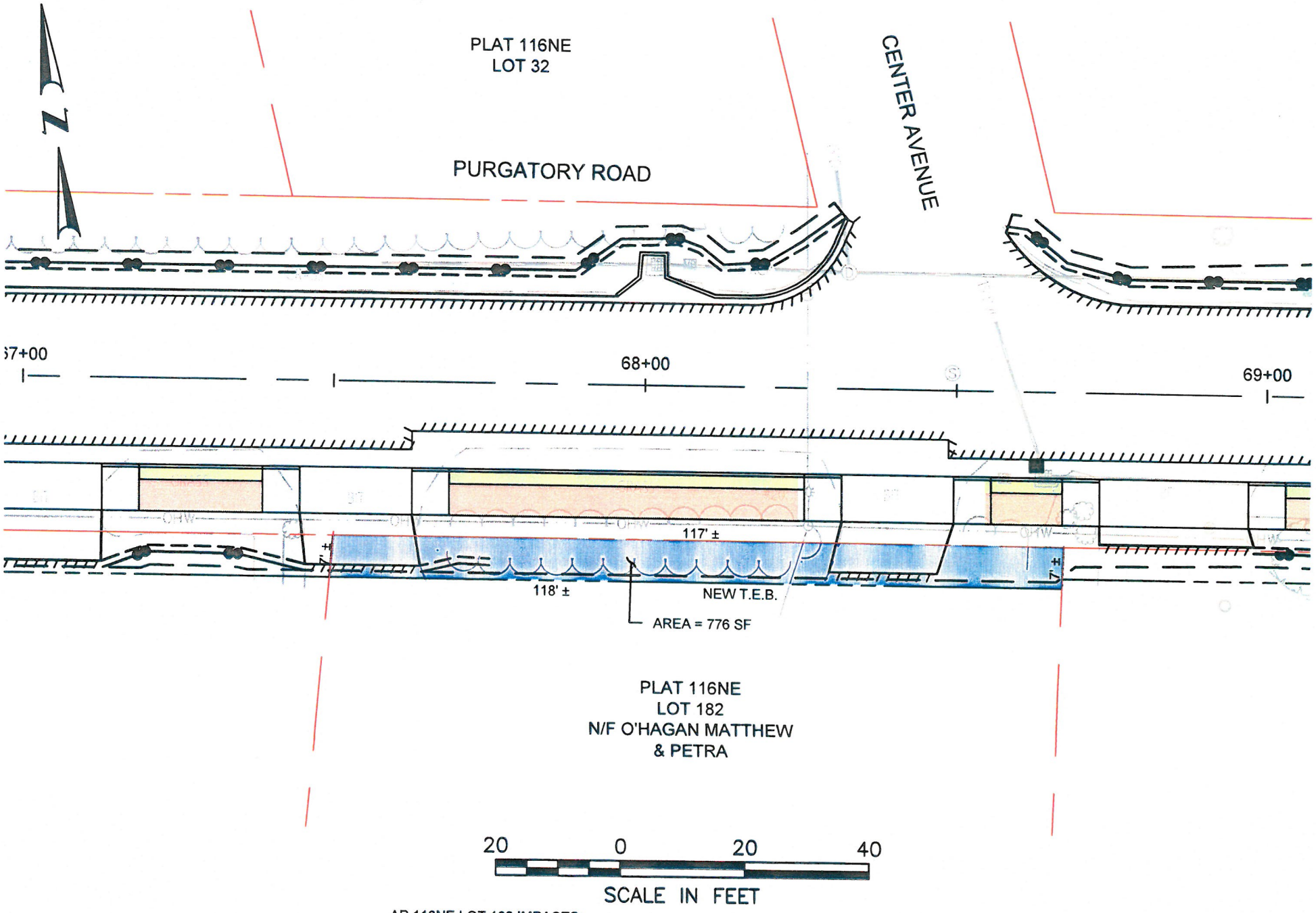


AP 116 NE LOT 1800
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Multiple Owners**
Date: **November 2021**

AP 116NE LOT 1800 IMPACTS:
- REGRADE/REPAVE DRIVEWAY
- REMOVE/RESET MAILBOX
- REGRADE/LOAM & SEED
- 2' GRASS STRIP
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

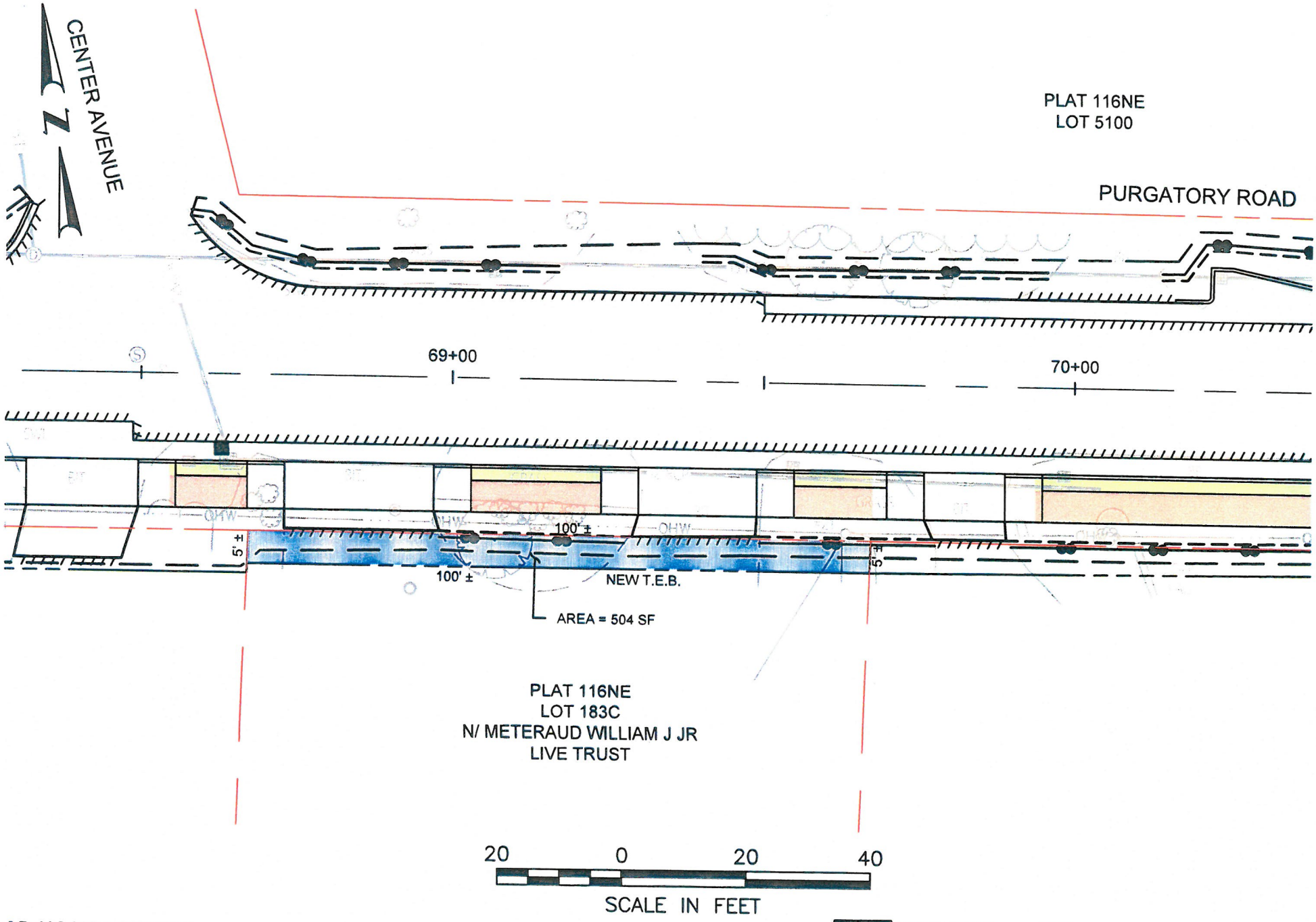


AP 116 NE LOT 182
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **O'Hagan Matthew & Petra**
Date: **November 2021**

AP 116NE LOT 182 IMPACTS:
- REGRADE/REPAVE DRIVEWAY
- REGRADE/LOAM & SEED
- REMOVE/RESET MAILBOX
- 2' GRASS STRIP
- HEDGE TRIMMING
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

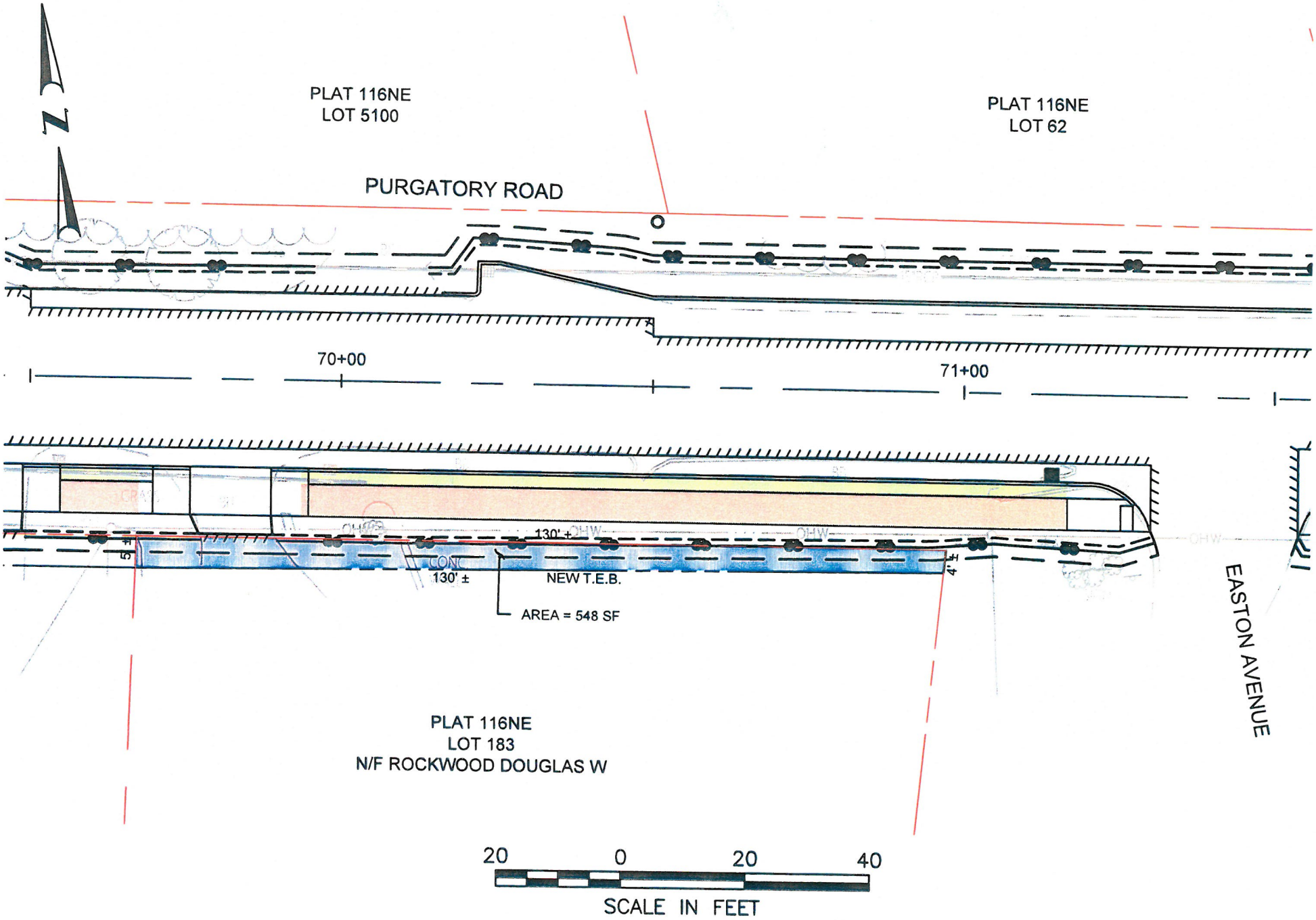


AP 116 NE LOT 183C
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Meteraud William J Jr Live Trust**
Date: **November 2021**

AP 116NE LOT 183C IMPACTS:
- REMOVE/RESET MAILBOX
- 2' GRASS STRIP
- REMOVE/DISPOSE SHRUBS
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

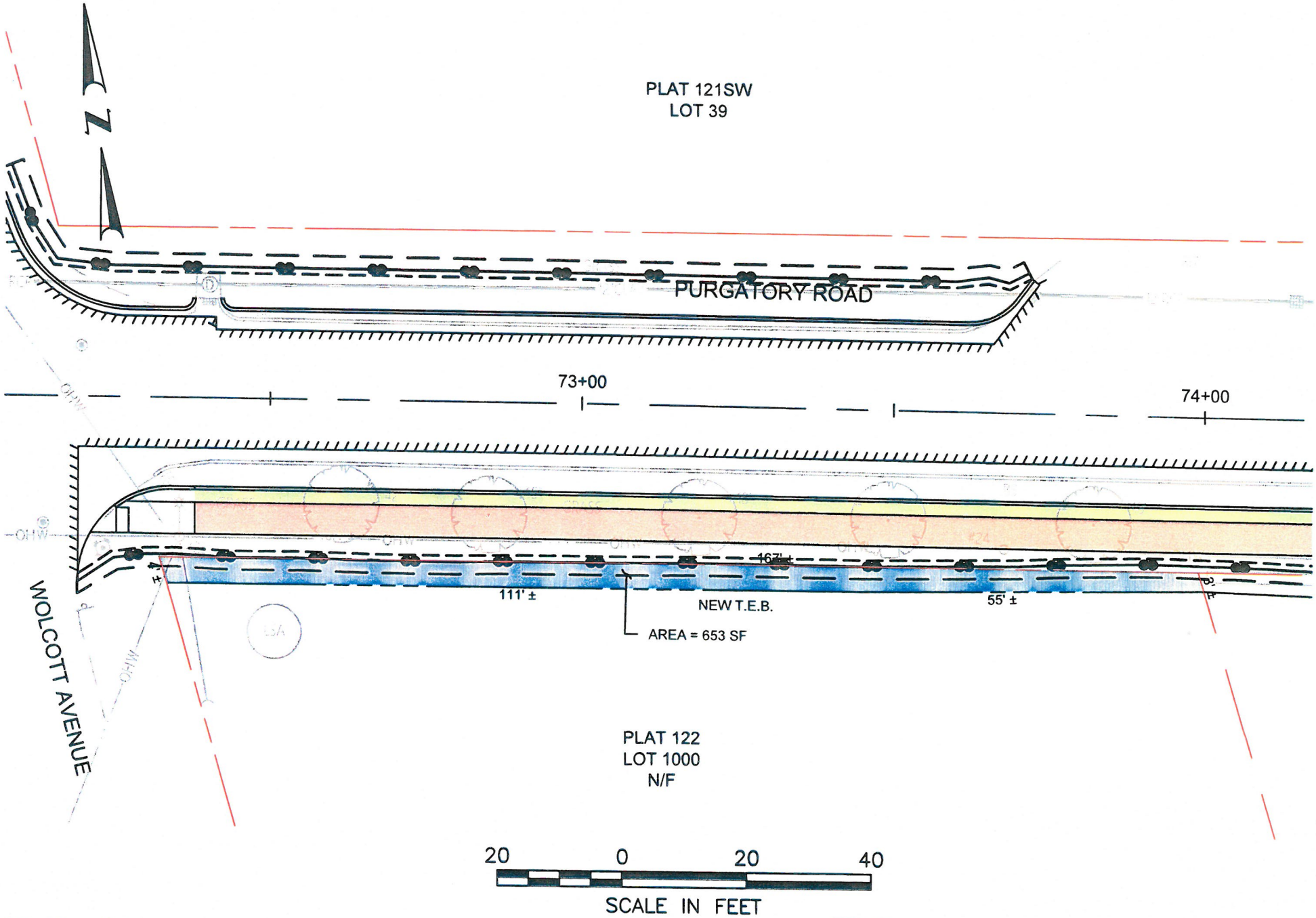


AP 116 NE LOT 183
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Rockwood Douglas W**
Date: **November 2021**

AP 116NE LOT 183 IMPACTS:
- REMOVE/RESET MAILBOX
- HEDGE TRIMMING
- 2' GRASS STRIP
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

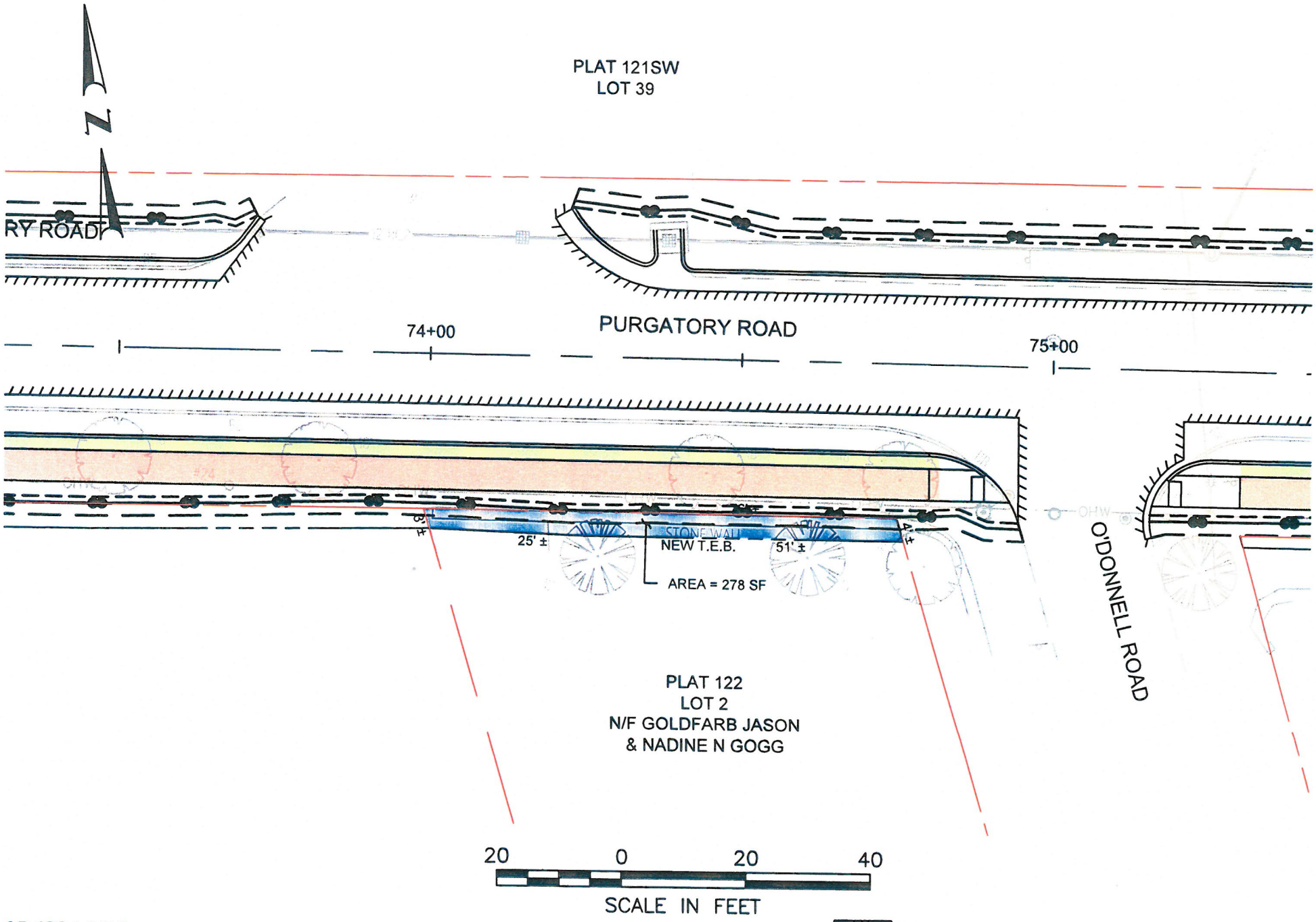


AP 122 LOT 1000
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Multiple Owners**
Date: **November 2021**

AP 122 LOT 1000 IMPACTS:
- REMOVE/DISPOSE TREES
- 2' GRASS STRIP
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

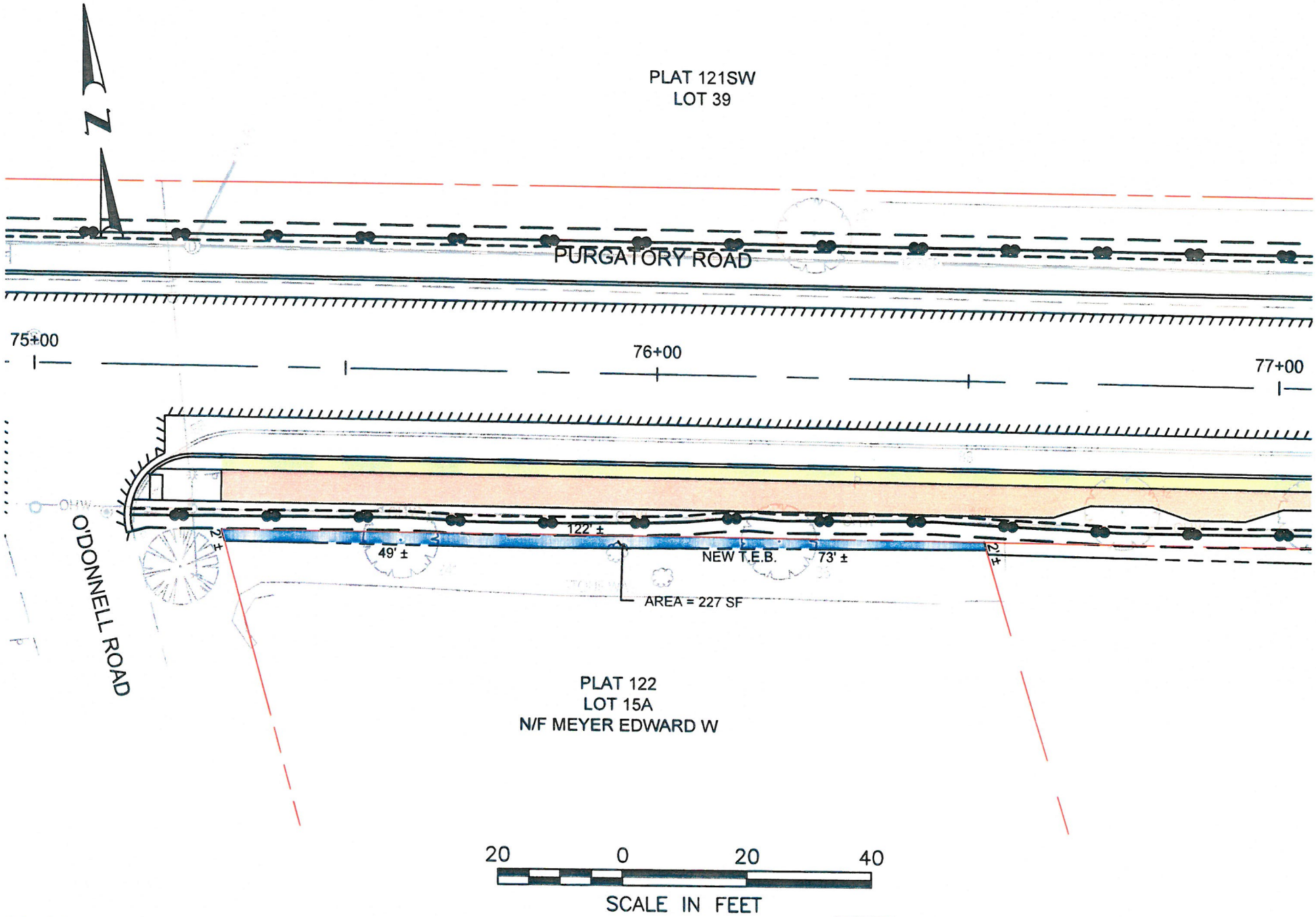


AP 122 LOT 2
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Goldfarb Jason & Nadine N Gogg**
Date: **November 2021**

AP 122 LOT 2 IMPACTS:
- REMOVE/DISPOSE TREES
- 2' GRASS STRIP
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

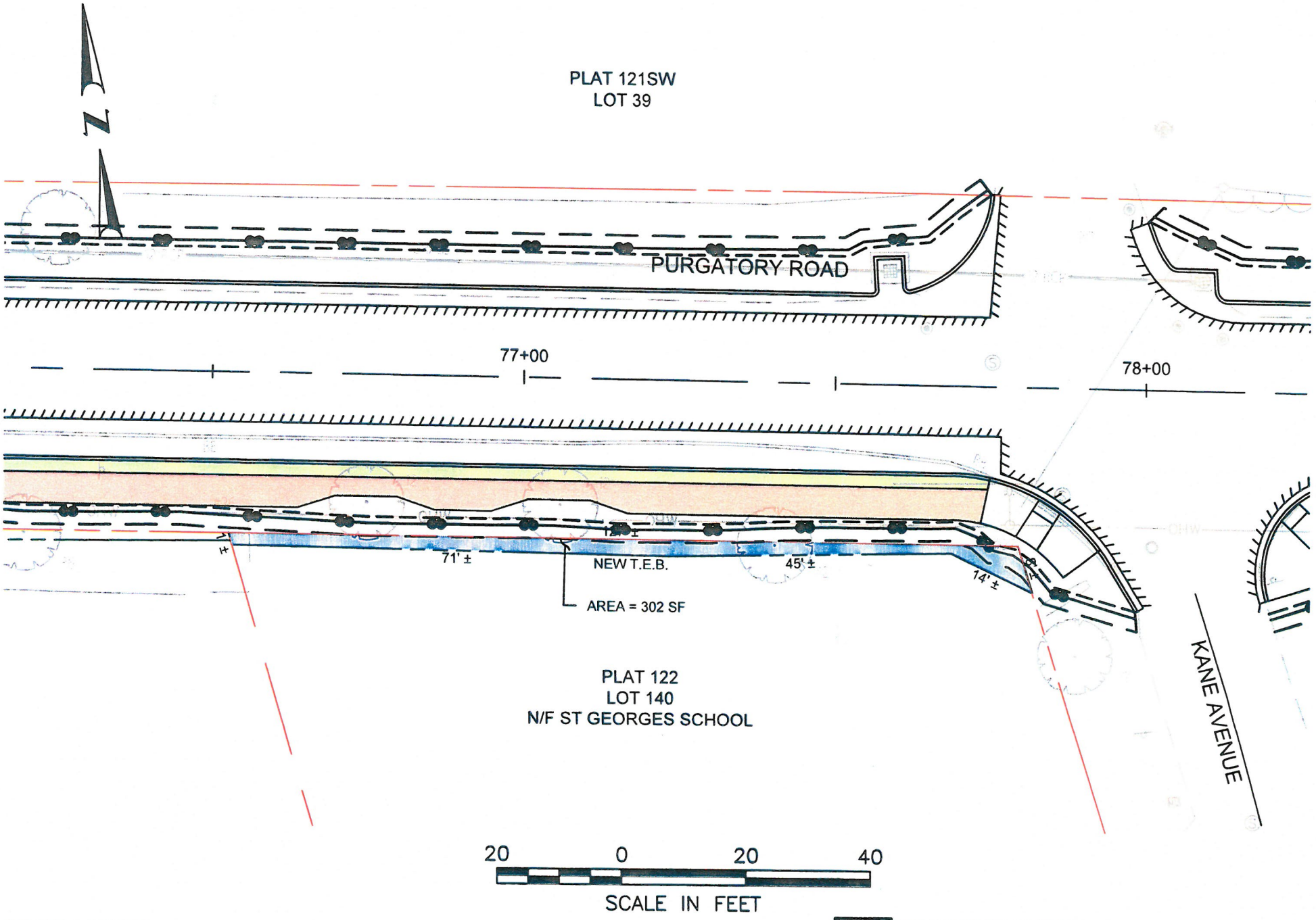


AP 122 LOT 15A
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Meyer Edward W**
Date: **November 2021**

AP 122 LOT 15A IMPACTS:
- 2' GRASS STRIP
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

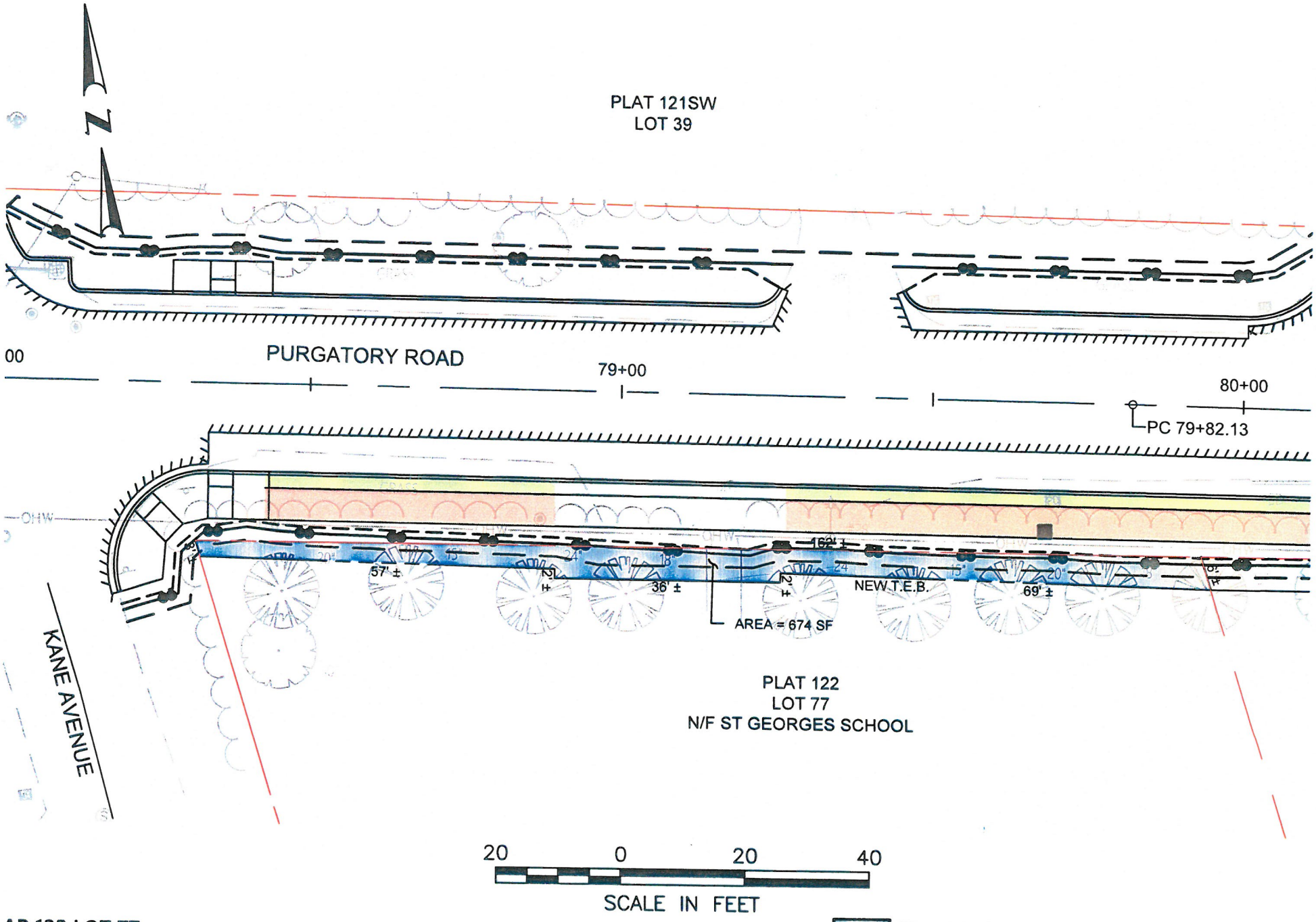


AP 122 LOT 140
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **St Georges School**
Date: **November 2021**

AP 122 LOT 140 IMPACTS:
- 2' GRASS STRIP
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

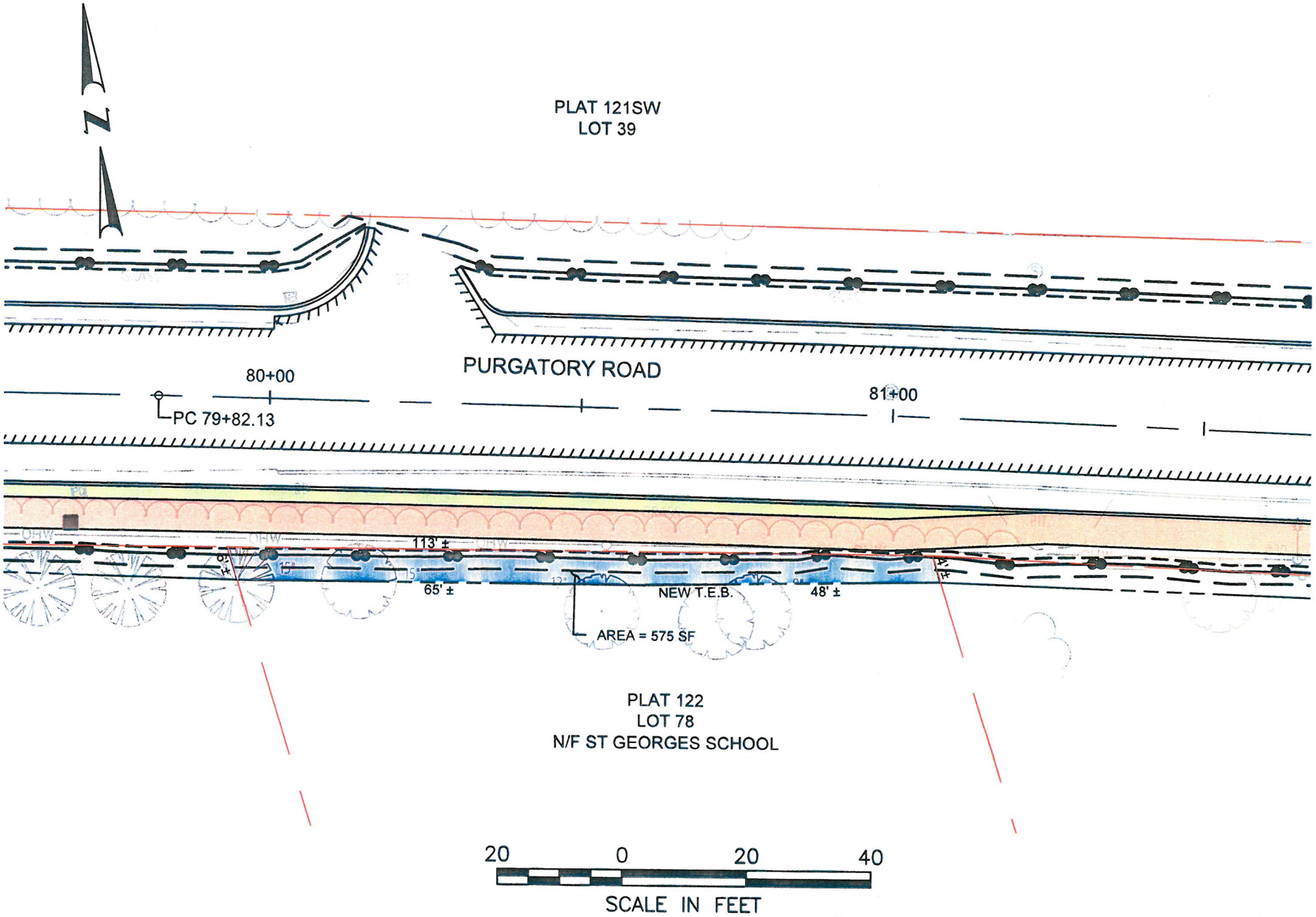


AP 122 LOT 77
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **St Georges School**
Date: **November 2021**

AP 122 LOT 77 IMPACTS:
- REGRADE/REPAVE DRIVEWAY
- 2' GRASS STRIP
- HEDGE TRIMMING
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

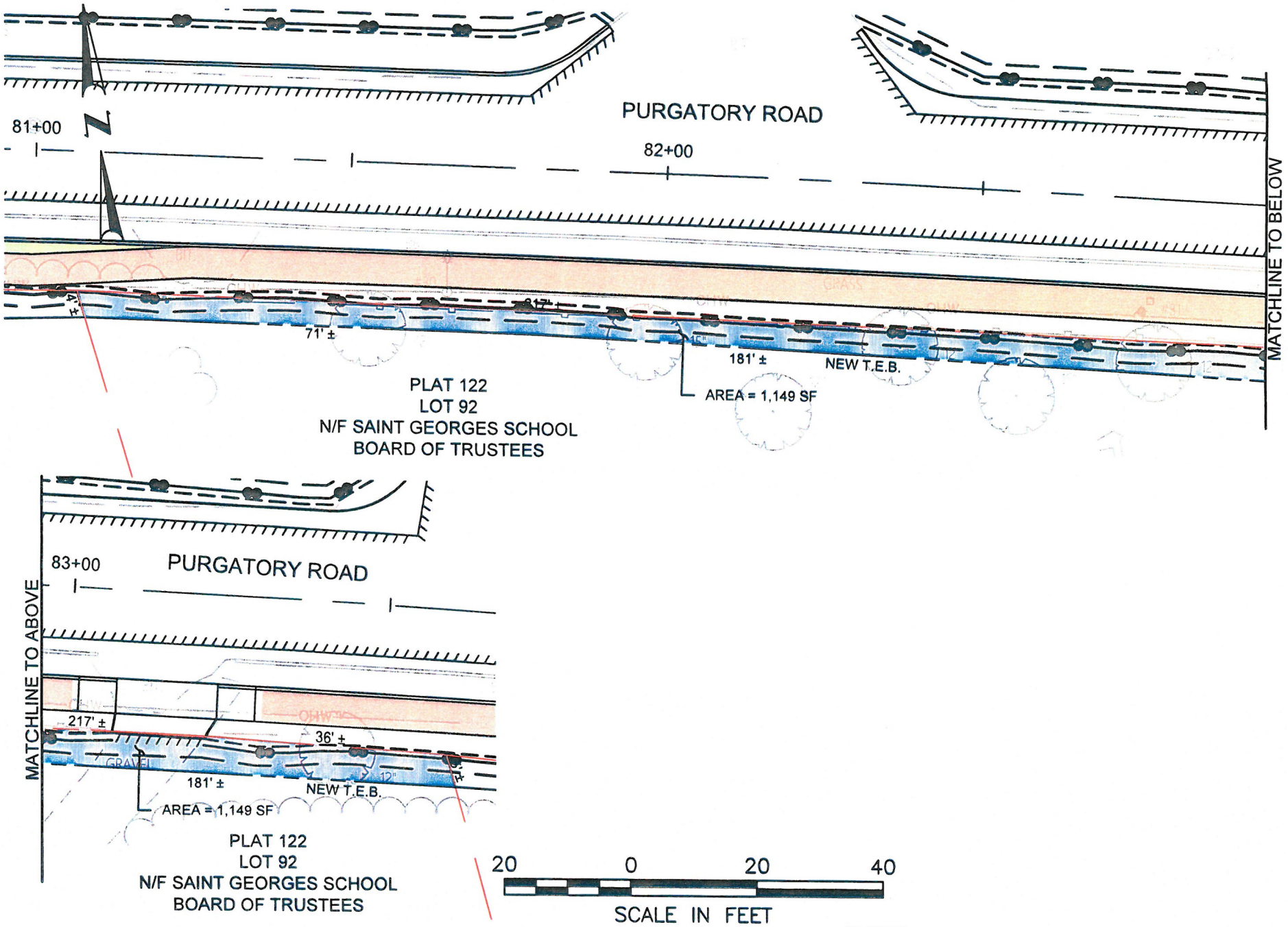


AP 122 LOT 78
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **St Georges School**
Date: **November 2021**

AP 122 LOT 78 IMPACTS:
- REGRADE/LOAM & SEED
- 2' GRASS STRIP
- HEDGE TRIMMING
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

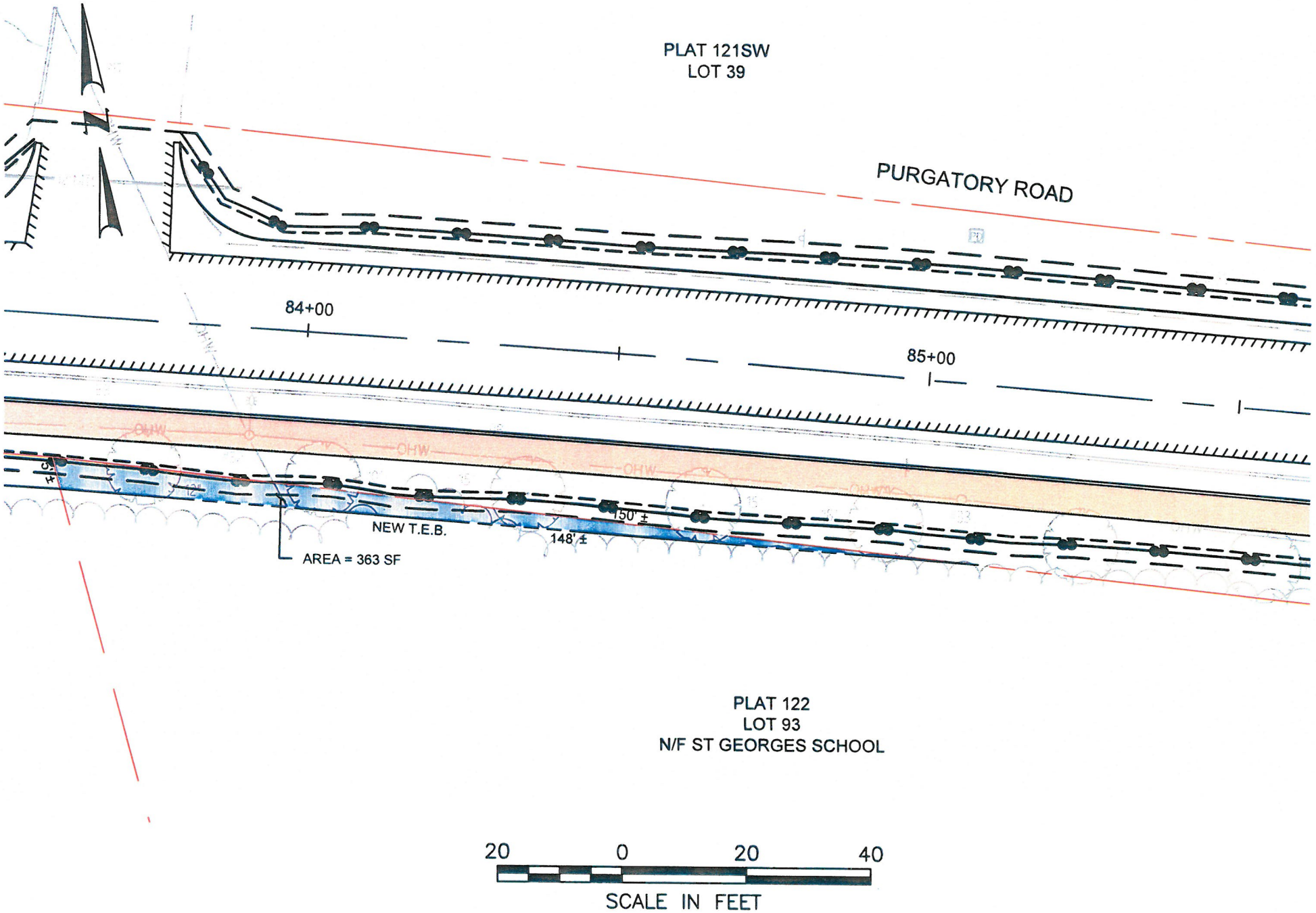


AP 122 LOT 92
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **St Georges School Board of Trustees**
Date: **November 2021**

AP 122 LOT 92 IMPACTS:
- REGRADE/REPAVE DRIVEWAY
- REGRADE/LOAM & SEED
- HEDGE TRIMMING
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

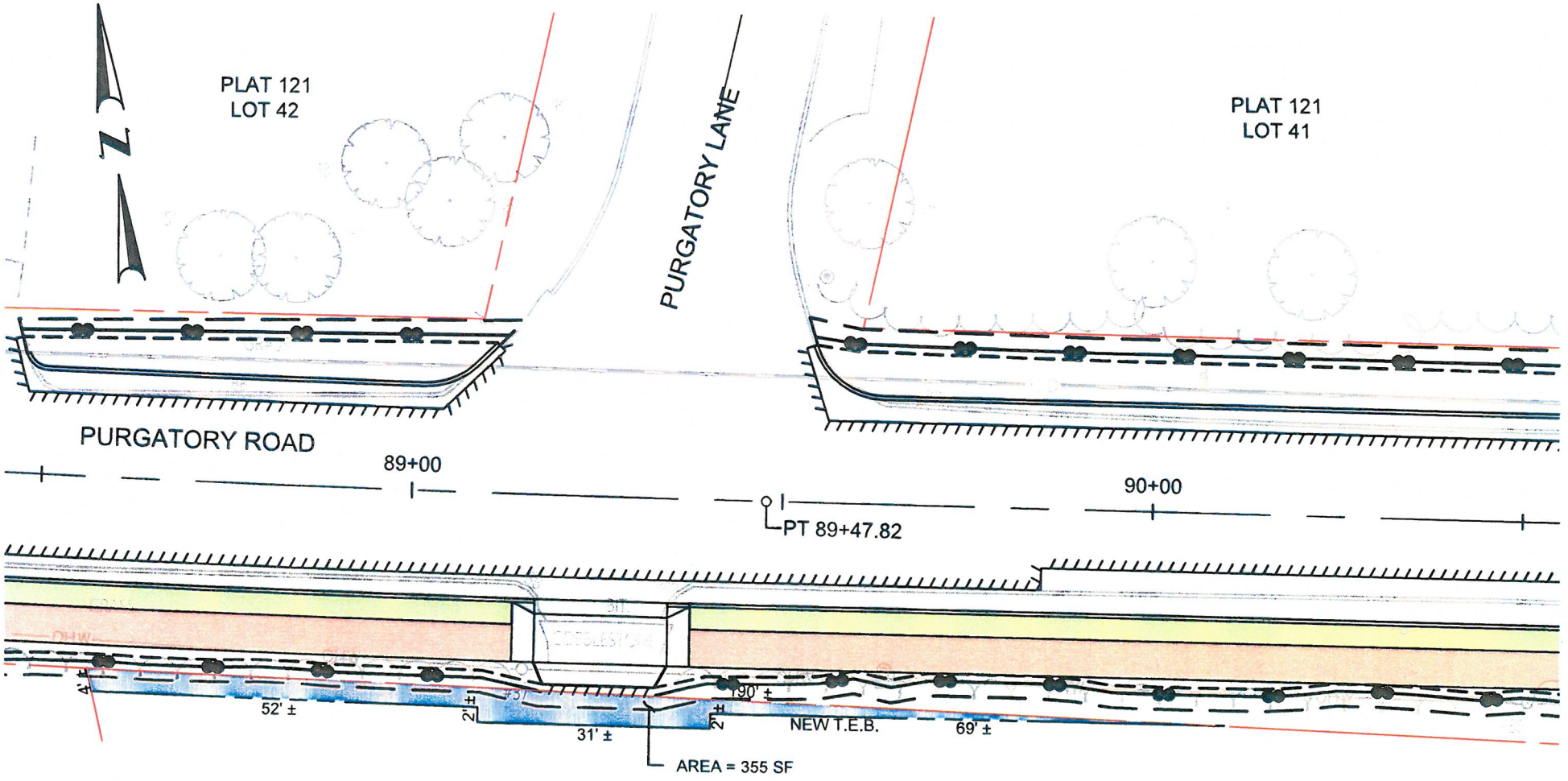


AP 122 LOT 93
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **St Georges School**
Date: **November 2021**

AP 122 LOT 93 IMPACTS:
- HEDGE TRIMMING
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb



AP 122 LOT 114
Pugatory Road Sidewalk
Middletown, RI
Prepared for: **Marcello Matthew T III**
Date: **November 2021**

AP 122 LOT 114 IMPACTS:
- HEDGE TRIMMING
- ALLOW SPACE FOR CONSTRUCTION ACTIVITY

TEMPORARY EASEMENT
SIDEWALK
GRASS STRIP
PURGATORY ROAD ROW LINE
EXIST. PROPERTY LINE

vhb

INDEX

SHEET NO.	DESCRIPTION
1	COVER
2	STANDARD PLAN SYMBOLS & STANDARD LEGEND
3	STANDARD NOTES - 1
4	STANDARD NOTES - 2
5	JOB SPECIFIC PLAN SYMBOLS, LEGEND & NOTES
6	TYPICAL SECTIONS
7	KEY PLAN
8-11	GENERAL PLAN NOS. 1-4
12-15	DRAINAGE AND UTILITY PLAN NOS. 1-4
16-19	LOCATION PLAN NOS. 1-4
20-23	SIGNING AND STRIPING PLAN NOS. 1-4
24	DETAIL PLAN
25-36	CROSS SECTIONS

BID NUMBER	SHEET NO.	TOTAL SHEETS
X	1	36

OWNER:

TOWN OF MIDDLETOWN

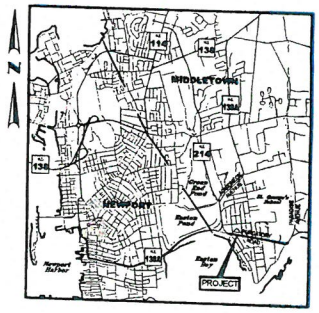
PROJECT:

PURGATORY ROAD SIDEWALK IMPROVEMENTS

TOWN OF MIDDLETOWN
COUNTY OF NEWPORT

PAVEMENT STRUCTURE
2" MODIFIED CLASS 9.5
4" CLASS 19
12" GRAVEL BORROW SUBBASE COURSE

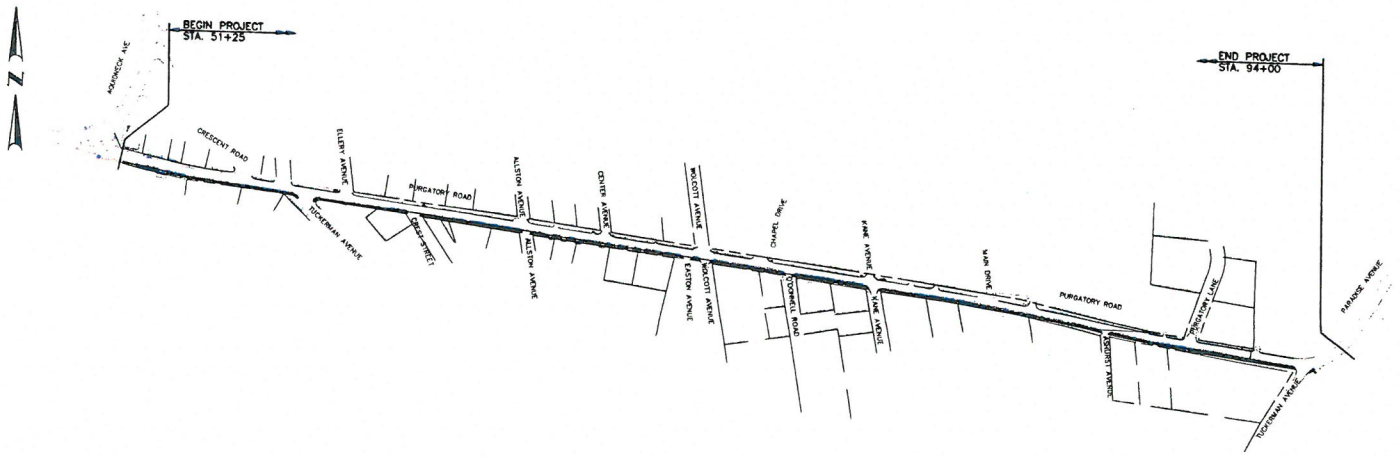
0.81 MILES



LOCATION MAP
SCALE: 1"=3000'

DESIGN DESIGNATION

	PURGATORY ROAD
2020 AADT	XX,XXX V.P.D.
2043 AADT	XX,XXX.P.D.
D	XX% WB
K	X.X
T	X.X%
2020 DHV	X,XXX V.P.H.
2043 DHV	X,XXX V.P.H.
POSTED SPEED	25 M.P.H.



LAYOUT PLAN
SCALE: 1"=200'

HURRICANE EVACUATION ROUTE

This project includes work on a designated Hurricane Evacuation and Diversionary Route as follows:
- XXX
Refer to Note 18 on Sheet 3

30% SUBMISSION
NOVEMBER 2021

R.I. STANDARD SPECIFICATIONS AND STANDARD DETAILS

SPECIFICATIONS TO GOVERN THIS PROJECT ARE THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED MARCH 2018, WITH ALL REVISIONS AND THE STATE AND FEDERAL SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS. STANDARD DETAILS FOR THIS PROJECT ARE R.I. STANDARD DETAILS, 1998 EDITION, WITH ALL REVISIONS.

SCALES OF DRAWINGS
Plans 1 inch = 20 feet

BASE OF LEVELS
NAVD 88
NAD 83(2011) (EPOCH:2010.0000)

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

Bid Number X
Number of Sheet 1
Total Sheets 36

XXXXX_V1_001_COVER

BID NUMBER	SHEET NO.	TOTAL SHEETS
X	2	36

EXISTING

- EDGE OF PAVEMENT
- BERM
- CURB
- GUARDRAIL
- MAILBOX
- UTILITY POLE
- POLE GUY
- LUMINARE
- SIGN
- (SIZE)SD — SUBDRAIN
- (SIZE)D — STORMDRAIN
- (SIZE)S — SANITARY SEWER
- (SIZE)W — WATER MAIN
- (SIZE)G — GAS MAIN
- (SIZE)T — TELEPHONE DUCT
- (SIZE)E — ELECTRIC DUCT
- PLUG AND CAP PIPE
- ABANDONED UTILITY
- FLARED END SECTION
- HEADWALL
- WATER OR GAS GATE
- CATCH BASIN
- MANHOLE
- HYDRANT
- 1+00 — BASELINE OR CENTERLINE
- EXIST. S.H.L. PLAT NO. XX — STATE HIGHWAY LINE
- EXIST. S.F.L. PLAT NO. XX — STATE FREEWAY LINE
- EXIST. P.E.B. — PERMANENT EASEMENT LINE
- EXIST. T.E.B. — TEMPORARY EASEMENT LINE
- PROPERTY LINE
- CITY NAME / TOWN NAME — CITY OR TOWN LINE
- PAVED WATERWAY
- CONTOUR LINE
- OPEN DITCH
- R.I. HIGHWAY BOUND
- STONE BOUND
- RETAINING WALL
- FIELD STONE WALL
- NO. — BORINGS
- FENCE
- WOOD OR BRUSH LINE
- TREES
- RIVER OR STREAM
- WETLAND AREA
- BUILDING
- FOUNDATION
- BUILDING TO BE REMOVED
- RAILROAD TRACKS
- CUT AND MATCH
- RIP-RAP
- CUT SLOPE
- FILL SLOPE
- ROCK CUT
- SPOT GRADE
- AREA GRADED TO DRAIN
- BALED HAY RI STD 9.1.0
- BALED HAY & SILT FENCE RI STD. 9.3.0
- 123 124 125 — EDGE OF WETLAND
- WETLAND PERIMETER
- ASSF — AREA SUBJECT TO STORM FLOW
- 100 YR. FLOOD BOUNDARY — 100-YEAR FLOOD PLAIN
- LIMIT OF DISTURBANCE
- LIMIT OF CLEARING

NEW

- UNDERDRAIN
- CONCRETE CONNECTING COLLAR
- CONCRETE HEADWALLS FOR PIPE CULVERTS
- STANDARD HEADWALLS FOR MULTIPLE 3'-6" TO 7'-0" PIPE CULVERTS
- (DIA.) PRECAST CONCRETE FLARED END SECTION
- BRICK/SOLID BLOCK 4'-0" ROUND MANHOLE
- (DIA.) BRICK/SOLID BLOCK 5'-0" OR 6'-0" ROUND MANHOLE
- BRICK/SOLID BLOCK TYPE "D" SQUARE CATCH BASIN
- BRICK/SOLID BLOCK TYPE "F" SQUARE CATCH BASIN
- SOLID BLOCK FLUSH SQUARE CATCH BASIN
- BRICK/SOLID BLOCK TYPE "D" ROUND CATCH BASIN
- BRICK/SOLID BLOCK ROUND CATCH BASIN WITH GUTTER INLET
- BRICK/SOLID BLOCK TYPE "F" ROUND CATCH BASIN
- BRICK/SOLID BLOCK TYPE "R" CATCH BASIN
- SOLID BLOCK FLUSH ROUND CATCH BASIN
- (DIA.) BRICK/SOLID BLOCK 5'-0" OR 6'-0" ROUND CATCH BASIN
- SOLID BLOCK SHALLOW TYPE "F" SQUARE CATCH BASIN
- (SIZE) SOLID BLOCK SHALLOW 5'-0" OR 6'-0" SQUARE CATCH BASIN
- BRICK/SOLID BLOCK DROP INLET
- (DIA.) BRICK/SOLID BLOCK ROUND MANHOLE OR CATCH BASIN GREATER THAN 12'-0"
- PRECAST 4'-0" ROUND MANHOLE
- PRECAST 5'-0" ROUND MANHOLE
- PRECAST 6'-0" ROUND MANHOLE
- (SIZE) PRECAST 4'-0" OR 6'-0" SQUARE MANHOLE OR CATCH BASIN
- (DIA.) PRECAST 4'-0", 5'-0", OR 6'-0" ROUND CATCH BASIN
- PRECAST CONCRETE DROP INLET
- PRECAST CONCRETE DROP INLET LATERAL OUTLET
- PRECAST CONCRETE DROP INLET LONGITUDINAL OUTLET
- CATCH BASIN AND MANHOLE STEP
- CONCRETE COLLARS
- LIGHT-DUTY SQUARE FRAME AND ROUND COVER
- HEAVY DUTY SQUARE FRAME AND ROUND COVER
- LIGHT-DUTY ROUND FRAME AND COVER
- HEAVY-DUTY ROUND FRAME AND COVER
- SQUARE FRAME AND GRATE
- SQUARE FRAME AND GRATE
- SQUARE FRAME AND GRATE (BICYCLE SAFE)
- HIGH CAPACITY FRAME AND GRATE
- HIGH CAPACITY FRAME AND GRATE (BICYCLE SAFE)
- ROUND FRAME AND GRATE
- PRECAST CONCRETE CURB (STRAIGHT)
- PRECAST CONCRETE CURB (CIRCULAR)
- 3'-0" PRECAST CONCRETE TRANSITION CURB
- 6'-0" PRECAST CONCRETE TRANSITION CURB
- PRECAST 2'-0" RADIUS CORNER
- PRECAST CONCRETE INLET STONE (FOR SQUARE CATCH BASIN)
- PRECAST CONCRETE INLET STONE (FOR ROUND CATCH BASIN)
- PRECAST CONCRETE APRON STONE (FOR SQUARE CATCH BASIN)
- PRECAST CONCRETE APRON STONE (FOR ROUND CATCH BASIN)
- PRECAST CONCRETE SLOPED FACE CURB (STRAIGHT)
- PRECAST CONCRETE SLOPED FACE CURB (CIRCULAR)
- PRECAST CONCRETE SLOPED FACE TRANSITION CURB
- PRECAST CONCRETE TRANSITION CURB (VERTICAL FACE TO SPLOPED FACE)
- GRANITE CURB (STRAIGHT)
- GRANITE CURB (CIRCULAR)
- 3'-0" GRANITE TRANSITION CURB
- 6'-0" GRANITE TRANSITION CURB
- GRANITE WHEELCHAIR RAMP TRANSITION CURB
- GRANITE 2'-0" RADIUS CORNER
- GRANITE INLET STONE (FOR SQUARE CATCH BASIN)
- GRANITE INLET STONE (FOR ROUND CATCH BASIN)
- GRANITE APRON STONE (FOR SQUARE CATCH BASIN)
- GRANITE APRON STONE (FOR ROUND CATCH BASIN)
- GRANITE SLOPED FACE CURB
- GRANITE SLOPED FACE TRANSITION CURB
- GRANITE TRANSITION CURB (VERTICAL FACE TO SLOPE FACE)
- BITUMINOUS CONCRETE LIP CURB
- BITUMINOUS BERM (CONSTRUCTION METHOD A)
- BITUMINOUS BERM (CONSTRUCTION METHOD B)
- CURB SETTING DETAIL
- BITUMINOUS CONCRETE DITCH
- RIP-RAP DITCH
- PAVED WATERWAY
- BALED HAY EROSION CHECK
- SILT FENCE DETAIL
- BALED HAY DITCH EROSION CHECK AND SILT FENCE COMBINED
- BALED HAY DITCH AND SWALE EROSION CHECK
- LOG AND HAY CHECK DAM
- DEWATERING BASIN
- BALED HAY CATCH BASIN INLET PROTECTION
- CONSTRUCTION ACCESS
- WET STONE MASONRY RETAINING WALL
- RUBBLE MASONRY WALL
- CONCRETE RETAINING WALL
- STONE MASONRY STEPS
- CONCRETE HIGHWAY BOUND
- POST AND MOUNTINGS FOR RURAL MAILBOX
- (NO.) POST AND MULTIPLE MOUNTINGS FOR RURAL MAILBOXES
- PRECAST TYPE "A" HANDHOLE
- HEAVY DUTY TYPE "H" HANDHOLE
- ALUMINUM LIGHTING STANDARDS
- BI-DIRECTIONAL CONTROL DEVICE
- STREET SIGN MOUNTING DETAIL
- POLYETHYLENE DRUM WITH MARKINGS
- PVC PLASTIC PIPE TYPE III BARRICADE
- CHAIN LINK FENCE 3'-0" TO 4'-0"
- CHAIN LINK FENCE 5'-0" TO 6'-0"
- CHAIN LINK FENCE 5'-0" TO 6'-0" INTERMEDIATE POST
- WOVEN WIRE RIGHT-OF-WAY FENCE (STEEL POST)
- TYPICAL GUARDRAIL INSTALLATION
- STEEL BEAM GUARDRAIL
- STEEL BEAM GUARDRAIL DETAILS
- STEEL BEAM GUARDRAIL DOUBLE FACED ASSEMBLY
- STEEL BEAM GUARDRAIL FIXTURES
- STEEL BEAM GUARDRAIL REFLECTORIZED TRIANGULAR DELINEATOR
- GUARDRAIL END SECTION
- TERMINAL END SECTION (SINGLE FACE)
- ANCHORAGE DETAILS APPROACH END SECTION
- ANCHORAGE DETAILS TRAILING END SECTION
- STEEL BACKED TIMBER GUARDRAIL
- STEEL BACKED TIMBER GUARDRAIL TERMINAL SECTION-TYPE 1
- DOUBLE-FACED PRECAST MEDIAN BARRIER
- SINGLE-FACED PRECAST MEDIAN BARRIER
- SINGLE-FACED PRECAST MEDIAN BARRIER
- PRECAST MEDIAN BARRIER TRANSITION UNIT
- PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL
- CEMENT CONCRETE SIDEWALK
- BITUMINOUS CONCRETE SIDEWALK
- WHEELCHAIR RAMP
- WHEELCHAIR RAMP FOR LIMITED RIGHT-OF-WAY AREAS
- DRIVEWAY DEVELOPMENT FOR 3'-0" TRANSITION CURB
- DRIVEWAY DEVELOPMENT FOR 6'-0" TRANSITION CURB
- CEMENT CONCRETE DRIVEWAYS
- DETECTABLE WARNING SYSTEM
- TREE PROTECTION DEVICE
- DRIP LINE TREE PROTECTION DEVICE FOR EXISTING TREES
- SHRUB PROTECTION DEVICE
- TREE WELL
- TREE WALL

- AB — ADJUST CATCH BASIN TO GRADE
- ABM — ADJUST CATCH BASIN TO MANHOLE
- AC — ADJUST CURB STOP TO GRADE
- AD — ADJUST DRAINAGE MANHOLE TO GRADE
- AE — ADJUST ELECTRIC MANHOLE TO GRADE
- AFC — ADJUST FRAME AND COVER TO GRADE
- AFG — ADJUST FRAME AND GRATE TO GRADE
- AG — ADJUST GAS GATE BOX TO GRADE
- AMH — ADJUST MANDHOLE TO GRADE
- AS — ADJUST SANITARY SEWER MANHOLE TO GRADE
- AT — ADJUST TELEPHONE MANHOLE TO GRADE
- AW — ADJUST WATER GATE BOX TO GRADE
- BCD — BITUMINOUS CONCRETE DRIVEWAY 3" BITUMINOUS CONCRETE TYPE I-2 8" GRAVEL BORROW SUBBASE COURSE
- BPS — BUILD NEW STRUCTURE OVER EXISTING PIPE
- CCB — CLEAN CATCH BASIN
- CCP — CUT AND CAP PIPE WITH RESTRAINT (ALL SIZES)
- CFP — CLEAN AND FLUSH PIPE
- CG — CLEARING AND GRUBBING
- CMH — CLEAN MANHOLE
- CP (DEPTH) COLD PLANE
- CPP — CUT AND PLUG PIPE (ALL TYPES, ALL SIZES)
- DB — REMOVE AND DISPOSE BITUMINOUS CURB
- DC — REMOVE AND DISPOSE CONCRETE CURB
- DCB — REMOVE AND DISPOSE CATCH BASIN
- DDI — REMOVE AND DISPOSE DROP INLET
- DF — REMOVE AND DISPOSE FENCE
- DFC — REMOVE AND DISPOSE FRAME AND COVER
- DFE — REMOVE AND DISPOSE FLARED END SECTION
- DFG — REMOVE AND DISPOSE FRAME AND GRATE
- DFH — REMOVE AND DISPOSE FIRE HYDRANT
- DFP — REMOVE AND DISPOSE FLEXIBLE PAVEMENT
- DG — REMOVE AND DISPOSE GUARDRAIL
- DH — REMOVE AND DISPOSE HEADWALL
- DHB — REMOVE AND DISPOSE HIGHWAY BOUND
- DHH — REMOVE AND DISPOSE HANDHOLE
- DL — REMOVE AND DISPOSE LIGHT AND FOUNDATION
- DMB — REMOVE AND DISPOSE MEDIAN BARRIER
- DMH — REMOVE AND DISPOSE MANHOLE
- DMM — REMOVE AND DISPOSE MEDIAN MARKER
- DOW — REMOVE AND DISPOSE OBSERVATION WELL
- DP — REMOVE AND DISPOSE PIPE
- DPB — REMOVE AND DISPOSE PAVEMENT AND RIGID BASE
- DRB — REMOVE AND DISPOSE RIGID BASE
- DS — REMOVE AND DISPOSE SIGN
- DSS — REMOVE AND DISPOSE TRAFFIC SIGNAL SYSTEM
- DSW — REMOVE AND DISPOSE SIDEWALK
- DTD — REMOVE AND DISPOSE TELEPHONE DUCT BANKS
- DUP — REMOVE AND DISPOSE UTILITY POLE
- DWW — REMOVE AND DISPOSE PAVED WATERWAY
- FF — FILTER FABRIC RIPRAP FLARED END UNDERLAYMENT
- GET — FLARED GUARDRAIL END TREATMENT
- IA — IMPACT ATTENUATOR
- IDL — IMPERVIOUS DITCH LINER
- LOD — LIMIT OF DISTURBANCE
- LOR — LIMIT OF REGRADING
- LS — 4" LOAM AND SEED

- NFH — NEW FIRE HYDRANT WITH GATE VALVE
- NIC — NOT IN THIS CONSTRUCTION CONTRACT
- NWB — FURNISH AND INSTALL NEW WATER GATE VALVE BOX
- NWVB — FURNISH AND INSTALL NEW WATER GATE VALVE AND BOX
- NWCB — FURNISH AND INSTALL NEW WATER CURB STOP BOX
- NWSB — FURNISH AND INSTALL NEW WATER CURB STOP AND BOX
- PCD — PERMANENT CHECK DAM
- PS — 4" PLANTABLE SOIL AND SEED
- RCB — RECONSTRUCT TYPE "D" CATCH BASIN, TO CATCH BASIN WITH GUTTER INLET
- RCM — R.I.D.O.T. COMMUNICATIONS MANHOLE
- RHH — REMOVE, HANDLE, HAUL, TRIM, RESET CURB EDGING, STRAIGHT, CIRCULAR (ALL TYPES)
- RLP — RELOCATE LAMP POST
- RMB — RELOCATE MAILBOX (BY OTHERS)
- RPM — REMOVE PAVEMENT MARKINGS
- RRP — RIP-RAP PAD (SEE DETAIL)
- RRS — REMOVE AND RELOCATE SIGN
- RUP — RELOCATE UTILITY POLE (BY OTHERS)
- SB — STONE BAFFLE
- SBAE — STEEL BEAM BRIDGE CONNECTION APPROACH END (W/O NESTED RAIL)
- SBTE — STEEL BEAM BRIDGE CONNECTION TRAILING END (W/NESTED RAIL)
- SD- — STRUCTURAL DISPOSITION - SEE CS PAGES OF SPECIFICATION
- SF — REMOVE AND STOCKPILE FENCE
- SGA — SPECIAL GRADED AGGREGATE
- SGC — REMOVE AND STOCKPILE GRANITE CURB
- SGR — REMOVE AND STOCKPILE GUARDRAIL
- SH — REMOVE AND STOCKPILE HYDRANT
- SS — REMOVE AND STOCKPILE SIGN
- STS — REMOVE AND STOCKPILE TRAFFIC SIGNAL SYSTEM
- TB — CONCRETE THRUST BLOCK
- TEP — TIE EXISTING PIPE INTO NEW STRUCTURE
- TNP — TIE NEW PIPE INTO EXISTING STRUCTURE
- TBT — THRIE BEAM TRANSITION
- TBBC — THRIE BEAM BRIDGE CONNECTION
- TT — TREE TRIMMING
- WCM — 4" WOOD CHIP MULCH
- 4DY — 4" EPOXY RESIN PAVEMENT MARKINGS - DOUBLE YELLOW
- 6W — 6" EPOXY RESIN PAVEMENT MARKINGS - WHITE
- 12W — 12" EPOXY RESIN PAVEMENT MARKINGS - WHITE
- 6WT — 6" PREFORMED PATTERNED MARKING (HIGH PERFORMANCE TAPE)
- 4Y — 4" EPOXY RESIN PAVEMENT MARKINGS - YELLOW
- 6Y — 6" EPOXY RESIN PAVEMENT MARKINGS - YELLOW
- P.G.L. — PROFILE GRADE LINE

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 2
OF: 36

SCALE: NOT TO SCALE

REVISIONS NO.	DATE	BY	REVISIONS NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

STANDARD PLAN SYMBOLS & STANDARD LEGEND

XXXXX_V1_002_STDSYM

GENERAL NOTES:

1. ANY DAMAGE TO EXISTING PAVEMENT, BRIDGES, CONDUIT, SIDEWALK, FENCES, ETC., CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.
2. THE CONTRACTOR SHALL PLACE ALL EQUIPMENT AND MATERIAL AS FAR AWAY AS POSSIBLE FROM THE EDGE OF THE TRAVEL LANE SO AS NOT TO CAUSE A SAFETY HAZARD, IN ACCORDANCE WITH SECTION 106.06 OF THE R.I.D.O.T. STANDARD SPECIFICATION, LATEST EDITION.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE EXISTING CONDITIONS ARE NOT OBLITERATED BEFORE CONTROL POINTS ARE LOCATED AND CONSTRUCTION LAYOUT IS ESTABLISHED. THE CONSTRUCTION LAYOUT SHALL BE PROVIDED IN SUFFICIENT DETAIL, THEREBY ENABLING HIM TO CONSTRUCT THE PROJECT IN CONFORMITY WITH THE PLANS AND SPECIFICATIONS. SURVEY WILL BE PROVIDED BY THE CONTRACTOR. THE RESIDENT ENGINEER WILL NOT AUTHORIZE CONSTRUCTION ACTIVITIES TO BEGIN UNTIL HE IS SATISFIED THAT ALL GROUND CONTROL HAS BEEN ESTABLISHED, TIED DOWN, AND DULY RECORDED IN STANDARD FIELD BOOKS.
4. ALL R.I. STD. 9.9.0 CONSTRUCTION ACCESS ROADS SHALL BE CONSTRUCTED PRIOR TO ANY ROADWAY ACCEPTING CONSTRUCTION TRAFFIC.
5. THE FREQUENCY AND APPLICATION RATES FOR THE DUST CONTROL ITEMS WILL BE AS DIRECTED BY THE ENGINEER.
6. ALL SIDEWALK AND DRIVEWAYS DESIGNATED FOR REPLACEMENT SHALL BE CUT AND MATCHED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
7. ASPHALT EMULSION TACK COAT SHALL BE PLACED PRIOR TO PAVEMENT PLACEMENT ON THE CONCRETE BASE OR COLD PLANED PAVEMENT, AND ON ANY NEW COURSE WHICH HAS BEEN OPEN TO TRAFFIC, OR ANY NEW COURSE WHICH HAS BEEN EXPOSED FOR MORE THAN 3 DAYS, AND/OR AS DIRECTED BY THE ENGINEER. IT SHALL ALSO BE APPLIED TO VERTICAL PAVEMENT FACES BETWEEN ADJOINING PAVEMENT SECTIONS. ALL APPLICATIONS ON BOTH HORIZONTAL AND VERTICAL SURFACES SHALL BE PAID FOR UNDER THE CONTRACT UNIT BID PRICE FOR CODE 403.0300 "ASPHALT EMULSION TACK COAT."
8. THE LIMITS OF CLEARING AND SURFACE DISTURBANCE MUST BE STRICTLY ADHERED TO IN ALL AREAS. IN ADDITION TO THOSE AREAS SPECIFICALLY DESIGNATED ON THE PLANS, THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND PLACING, AT HIS OWN EXPENSE, PLANTABLE SOIL AND SEED IN AREAS WHICH ARE OUTSIDE OF THE PROJECT'S AREAS OF DISTURBANCE AND WHICH ARE IMPACTED BY CONSTRUCTION OPERATIONS INCLUDING THOSE AREAS WHERE VEHICLES, EQUIPMENT AND MATERIALS ARE STORED WITH THE PERMISSION OF THE ENGINEER.
9. UNDER NO CIRCUMSTANCE WILL THE CONTRACTOR BE ALLOWED TO STOCKPILE REMOVED PAVEMENT MATERIALS WITHIN THE PROJECT LIMITS.
10. CLEANING AND SWEEPING OF PAVEMENT WILL INCLUDE REMOVAL OF ALL PAVEMENT DEBRIS PRIOR TO THE PLACEMENT OF EACH BITUMINOUS PAVEMENT LIFT. ALL CLEANING AND SWEEPING SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER.
11. PRIOR TO INSTALLATION, ALL SIGNS, MOUNTINGS AND LOCATIONS SHALL BE APPROVED OR MODIFIED BY THE ENGINEER.
12. THE COORDINATE SYSTEM, IF SHOWN, IS THE RHODE ISLAND STATE PLANE COORDINATE SYSTEM.
13. PAVEMENT OPERATIONS FOR CURBED SECTIONS: IN AREAS WHERE CURBING IS SET TO FINISH LINE AND GRADE, THE CONTRACTOR WILL NOT BE REQUIRED TO UTILIZE THE SENSOR AND SKY-TYPE DEVICE FOR AUTOMATIC GRADE CONTROL, BUT WILL BE ALLOWED TO MANUALLY ADJUST THE BITUMINOUS PAVER FOR CONTROLLING GRADE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ROADWAYS FREE OF DEBRIS RESULTING FROM THEIR CONSTRUCTION OPERATIONS. ALL DEBRIS SHALL BE REMOVED TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.
15. NO FUEL STORAGE, VEHICLE REFUELING, OR EQUIPMENT STORAGE SHALL TAKE PLACE IN DESIGNATED WETLANDS, NOR WITHIN 100' OF ANY WATER BODY. THIS REQUIREMENT SHALL NOT SUPERSEDE ANY FEDERAL, STATE OR LOCAL LAW, ORDINANCE, RULE OR REGULATION THAT APPLIES TO THE SAME, UNLESS THIS REQUIREMENT IS MORE STRINGENT THAN SAID LAW, ORDINANCE, RULE OR REGULATION.
16. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT AT THE END OF FINAL PAVING OPERATIONS, FLOW TO EXISTING DRAINAGE STRUCTURES HAS BEEN REESTABLISHED AND THAT NO ISOLATED DEPRESSIONS REMAIN. THERE SHALL BE NO SEPARATE PAYMENT FOR THIS PROVISION; IT SHALL BE CONSIDERED INCIDENTAL TO PAVING AND COLD PLANING OPERATIONS.
17. ALL EMBANKMENTS SHALL BE PLACED IN HORIZONTAL LAYERS NOT EXCEEDING 12" (AFTER COMPACTION) AND SHALL BE COMPACTED AS SPECIFIED BEFORE THE NEXT LAYER IS PLACED. ALSO, EMBANKMENT CONSTRUCTION SHALL CONFORM TO SECTION 202.03.2 OF THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
18. IF THIS PROJECT IS ON A HURRICANE EVACUATION AND DIVERSIONARY ROUTE, AS DESIGNATED ON THE COVERSHEET, THE CONTRACTOR IS ADVISED THAT UPON 12 (TWELVE) HOURS NOTICE THE ROADWAY SHALL BE OPEN TO EVACUEES AND EMERGENCY PERSONNEL. ANY EXTRA WORK NECESSARY TO COMPLY WITH THIS REQUIREMENT WILL BE REIMBURSED UNDER FORCE ACCOUNT PROCEDURES.
19. THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE PROVISIONS, CONDITIONS, AND STIPULATIONS STATED IN THE ENVIRONMENTAL APPROVALS ISSUED FOR THE PROJECT FROM THE DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (RIDEM), AND/OR THE ARMY CORPS OF ENGINEERS (ACOE), AND/OR THE COASTAL RESOURCES MANAGEMENT COUNCIL (CRMC). COPIES OF EACH OF THESE PERMITS ARE INCLUDED IN THE CS PAGES OF THE CONTRACT DOCUMENTS. ALL COSTS ASSOCIATED WITH THESE CONDITIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND INCLUDED WITH THE COST FOR THE ASSOCIATED BID ITEM(S).
20. FOR ALL PROJECTS INVOLVING KNOWN SITE REMEDIATION ISSUES, THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE CONSTRUCTION RELATED PROVISIONS, CONDITIONS, AND STIPULATIONS OF ANY REMEDIAL PLANS DEVELOPED FOR THE PROJECT. COPIES OF THESE DOCUMENTS ARE INCLUDED IN THE CS PAGES OF THE CONTRACT DOCUMENTS. ALL COSTS ASSOCIATED WITH COMPLIANCE WITH THESE DOCUMENTS SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND INCLUDED WITH THE COST FOR THE ASSOCIATED BID ITEM(S).
21. NO UNPROTECTED CONSTRUCTED FEATURE MAY PROJECT MORE THAN 4 INCHES ABOVE THE FINISHED GRADE OF A TRAVERSABLE SLOPE IN A CLEAR ZONE, e.g. HEADWALL, DRAINAGE INLET, ETC.
22. THE REMAINING SECTION OR STUB OF A BREAKAWAY BASE MAY NOT PROJECT MORE THAN 4 INCHES ABOVE THE FINISHED GRADE OF A TRAVERSABLE SLOPE IN A CLEAR ZONE, e.g. SIGN POSTS, LIGHT POLES, FIRE HYDRANTS, ETC.

DRAINAGE AND EROSION CONTROL NOTES:

1. FOR ALL PROJECTS WITH AT LEAST ONE(1) ACRE OF SOIL DISTURBANCE, R.I.D.O.T. IS REQUIRED TO DEVELOP AND ENFORCE A SITE SPECIFIC STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IN ORDER TO REMAIN IN COMPLIANCE WITH THE RIPDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE PROVISIONS, CONDITIONS, AND STIPULATIONS OF THE GENERAL PERMIT AND THE SITE SPECIFIC SWPPP FOR THIS PROJECT. COPIES OF THESE DOCUMENTS ARE INCLUDED IN THE CS PAGES OF THE CONTRACT DOCUMENTS. ALL COSTS ASSOCIATED WITH ADHERENCE TO THE SWPPP SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND INCLUDED WITH THE COST FOR THE ASSOCIATED BID ITEM(S).
2. NO UNDISTURBED AREAS SHALL BE CLEARED OF EXISTING VEGETATION AFTER OCTOBER 15 OF ANY CALENDAR YEAR OR DURING ANY PERIOD OF FULL OR LIMITED WINTER SHUTDOWN. ALL DISTURBED SOILS EXPOSED PRIOR TO OCTOBER 15 OF ANY CALENDAR YEAR SHALL BE SEEDED OR PROTECTED BY THAT DATE. ANY SUCH AREAS THAT DO NOT HAVE ADEQUATE VEGETATIVE STABILIZATION, AS DETERMINED BY THE RESIDENT ENGINEER OR ENVIRONMENTAL INSPECTOR, BY NOVEMBER 15 OF ANY CALENDAR YEAR, MUST BE STABILIZED THROUGH THE USE OF EROSION CONTROL MATTING OR HAY MULCH, IN ACCORDANCE WITH SPECIFICATIONS CONTAINED WITHIN THE R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK. IF WORK CONTINUES WITHIN ANY OF THESE AREAS DURING THE PERIOD FROM OCTOBER 15 THROUGH APRIL 15, CARE MUST BE TAKEN TO ENSURE THAT ONLY THE AREA REQUIRED FOR THAT DAY'S WORK IS EXPOSED, AND ALL ERODIBLE SOIL MUST BE RESTABILIZED WITHIN 5 WORKING DAYS. ANY WORK TO CORRECT PROBLEMS RESULTING FROM FAILURE TO COMPLY WITH THIS PROVISION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THERE WILL BE NO SEPARATE PAYMENT FOR THIS PROVISION, IT SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OPERATIONS. STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN 2 WEEKS OF FINAL GRADING.
3. STOCKPILES OF MATERIAL SHALL NOT BE LOCATED WITHIN REGULATED WETLANDS OR BUFFER ZONE AREAS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN 30% AND STOCKPILES OF ERODABLE MATERIAL SHALL ALSO BE SEEDED AND RINGED WITH R.I. STD. 9.1.0 TO STABILIZE.
4. IF THE PLANS INCLUDE SPECIFIC AREAS FOR PLACEMENT OF CONSTRUCTION DEWATERING BASINS AND/OR EQUIPMENT AND MATERIALS STORAGE AND STOCKPILING, AND IF THE CONTRACTOR ELECTS TO UTILIZE ANY OTHER AREAS FOR THESE PURPOSES, THIS SHALL BE APPROVED BY THE ENGINEER ONLY AFTER OBTAINING ANY NECESSARY PERMITS AND/OR PERMIT MODIFICATIONS FROM THE APPROPRIATE REGULATORY AUTHORITY(IES). ANY PERMITTING REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE ACCOMPLISHED AT NO COST TO THE STATE. THE ENGINEER WILL COORDINATE SUBMISSION OF ANY REQUIRED PERMIT APPLICATION MATERIALS WITH THE R.I.D.O.T. OFFICE OF ENVIRONMENTAL PROGRAMS.
5. JUTE MESH SHALL BE USED TO STABILIZE PLANTABLE SOIL AND/OR LOAM IN ALL DITCHES, ON ALL SLOPES ADJACENT TO WETLANDS AND WETLAND PERIMETERS, AND ON ALL SLOPES WITHIN WATER QUALITY BASINS. JUTE MESH IN DITCHES SHALL EXTEND TO AN ELEVATION 2 FEET ABOVE THE BOTTOM OF THE DITCH.
6. SEEDING ON ALL SLOPES 3 TO 1 OR STEEPER SHALL CONSIST OF THE FOLLOWING APPLICATIONS UNLESS CHANGED IN THE CONTRACT.
   a. SEEDING TYPE 1.
   b. ADHESIVE MULCH STABILIZER
7. UNVEGETATED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR PERIODS IN EXCESS OF 2 WEEKS OR THROUGH THE INACTIVE WINTER SEASON.
8. PRIOR TO DRAINAGE AND UTILITY CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION (HORIZONTAL AND VERTICAL) OF ALL EXISTING PIPES AND/OR STRUCTURES WHICH ARE TO BE CONNECTED. ANY VARIATION FOUND FROM THE PLANS MUST BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO DRAINAGE AND UTILITY CONSTRUCTION. WORK CAN COMMENCE ONLY UPON THE ENGINEER'S AUTHORIZATION.
9. ALL DRAINAGE AND UTILITY STRUCTURES WITHIN THE PAVED ROADWAY SHALL BE ADJUSTED TO GRADE WITH THE SURROUNDING PAVEMENT PRIOR TO THE WINTER SHUTDOWN.
10. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL THROUGHOUT THE WORK AREA.
11. CATCH BASIN RIM GRADES NOTED ON PLANS ARE DEPRESSED 0.1' LOWER THAN THE GUTTER GRADE. RIM ELEVATIONS SHOWN ARE FINAL GRADES. THE CONTRACTOR SHALL PLACE FRAMES AND GRATES 0.1' BELOW THE GRADE CONSTRUCTED IN THIS CONTRACT OR AS DIRECTED BY THE ENGINEER.
12. PROVISIONS FOR CLEARING TO ACCESS OUTFALLS DURING THE CLEANING AND FLUSHING OF THE CLOSED DRAINAGE SYSTEM SHALL BE KEPT TO A MINIMUM.
   a. ANY VEGETATIVE CLEARING SHALL BE LIMITED TO BRUSH AND TREES LESS THAN 3" DIAMETER.
   b. NO HEAVY EQUIPMENT MAY ENCROACH UPON VEGETATED PERIMETER OR RIVERBANK WETLANDS AS WELL AS BIOLOGICAL WETLANDS.
13. THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL DEVICES FOR OUTLET PROTECTION PRIOR TO CLEANING AND FLUSHING STORM WATER DRAINAGE. EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL ALL FLUSHED SEDIMENTS ARE REMOVED. AT ALL OUTFALL LOCATIONS WHERE PIPES ARE TO BE CLEANED AND FLUSHED, OUTLET PROTECTION (R.I. STD. 9.1.0 OR 9.3.0) SHALL BE INSTALLED TO TRAP SEDIMENTS. THESE SEDIMENTS SHALL THEN BE REMOVED AND DISPOSED OF LEGALLY BEFORE THE OUTLET PROTECTION DEVICES ARE REMOVED. IF OUTLET PROTECTION AT THE OUTFALL IS NOT FEASIBLE, THEN THE OUTLET PIPE OF THE LAST DRAINAGE STRUCTURE TO BE CLEANED SHALL BE PLUGGED TO CAPTURE ALL MATERIALS FLUSHED FROM PIPES. AFTER THE MATERIALS ARE REMOVED FROM THE DRAINAGE STRUCTURE, THE OUTLET SHALL BE UNPLUGGED TO RESUME NORMAL FUNCTIONING.
14. R.I. STD. 9.8.0 BALED HAY INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS AND INLETS WHENEVER SUBBASE IS EXPOSED, AND SHALL REMAIN IN PLACE UNTIL THE ABUTTING GROUND SURFACES ARE STABILIZED.
15. WHERE BALED HAY INLET PROTECTION AND SILT FENCES ARE USED AT CATCH BASINS, THEY SHALL BE REMOVED AT THE END OF THE PROJECT OR AS DIRECTED BY THE ENGINEER IN ORDER TO PREVENT CLOGGING OF THE INLET.

DRAINAGE AND EROSION CONTROL NOTES (CONTINUED):

16. DETENTION AND RETENTION BASINS MAY BE ROUGH GRADED AND STABILIZED WITH VEGETATION AND/OR OTHER EROSION CONTROL MEASURES AS REQUIRED BY THE ENGINEER PRIOR TO USE AS TEMPORARY SEDIMENTATION BASINS DURING PROJECT CONSTRUCTION. FINAL BASIN CONSTRUCTION SHALL NOT COMMENCE UNTIL ALL SOURCES OF SEDIMENT HAVE BEEN ELIMINATED, FINAL ROADSIDE VEGETATION IS ESTABLISHED AND USE OF TEMPORARY BASINS IS NO LONGER REQUIRED AS DIRECTED BY THE ENGINEER. ANY ISSUES RELATING TO EROSION AND/OR SEDIMENT TRANSPORT INTO WETLAND AREAS RESULTING FROM SUCH USE OF SEDIMENTATION BASINS DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY CORRECTIVE ACTION REQUIRED TO RESOLVE SUCH ISSUES SHALL BE COMPLETED BY THE CONTRACTOR.
17. THE TOE OF ANY FILL SLOPE IS TO REMAIN AT LEAST 1' INSIDE OF ALL EROSION CONTROLS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR COVER ANY PORTION OF THE EROSION CONTROL MEASURES WITH MATERIAL. ANY MATERIAL THAT IS PLACED ON ANY EROSION CONTROLS BY THE CONTRACTOR, OR ANY AGENT OF THE CONTRACTOR, SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR, AND ANY NECESSARY REPAIRS TO THE EROSION CONTROLS ACCOMPLISHED.
18. PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED AT THOSE AREAS INDICATED ON THE PLANS. CLEARING MAY OCCUR PRIOR TO INSTALLATION OF SUCH CONTROLS, HOWEVER NO GRUBBING, GRADING, FILLING, OR OTHER SOIL DISTURBANCE SHALL OCCUR PRIOR TO INSTALLATION. THE LIMITS OF CLEARING AND SURFACE DISTURBANCE MUST BE STRICTLY ADHERED TO IN ALL AREAS.
19. ALL HAY BALES, SILT FENCE OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS IS ESTABLISHED. IF NEEDED, TEMPORARY SEEDING CAN HELP TO MINIMIZE EROSION. TEMPORARY SEED WILL CONFORM TO R.I.D.O.T. STANDARD TEMPORARY SEED MIX.
20. THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE TO THE STATE.
21. THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE SPECIFIED IN SUBSECTION L.02.03 OF THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
22. ADDITIONAL EROSION CONTROLS, SHALL BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER. THESE ADDITIONAL ITEMS WILL BE PAID AT THE UNIT PRICE FOR THAT BID ITEM.

NO NUMBER	SHEET NO.	TOTAL SHEETS
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UTILITY NOTES:

1. EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS USING THE BEST AVAILABLE INFORMATION AND ARE APPROXIMATE. BUILDING SERVICE CONNECTIONS (ELECTRIC, GAS, TELEPHONE, WATER AND SANITARY) ARE NOT SHOWN. CONTRACTOR IS TO ASSUME SERVICES ARE PRESENT TO ALL BUILDINGS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING DRAINAGE AND UTILITIES BOTH UNDERGROUND AND OVERHEAD BEFORE EXCAVATION BEGINS IN ACCORDANCE WITH CHAPTER 39-1.2 OF THE R.I. GENERAL LAWS ENTITLED "EXCAVATION NEAR UNDERGROUND UTILITY FACILITIES", WITH AMENDMENTS EFFECTIVE AS OF NOVEMBER 1, 2009 AND, WHEN NECESSARY, BY CONTACTING THE INDIVIDUAL UTILITY COMPANIES. EXCAVATION SHALL BE IN ACCORDANCE WITH ALL STATUTES, ORDINANCES, RULES AND REGULATIONS OF ANY APPLICABLE CITY, TOWN, STATE OR FEDERAL AGENCY. THE CONTRACTOR SHOULD UNDERSTAND THAT NOT ALL UTILITIES SUBSCRIBE TO THE DIG SAFE PROGRAM. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES AND ENSURE THAT ALL UTILITIES HAVE BEEN MARKED PRIOR TO COMMENCING THEIR WORK. ANY DAMAGE TO EXISTING UTILITIES MARKED IN THE FIELD, OR AS A RESULT OF FAILING TO CONTACT THE APPROPRIATE UTILITY COMPANY, SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE STATE.
3. ALL EXISTING UTILITIES TO BE ABANDONED SHALL BE CAPPED.
4. EXISTING WATER SERVICES SHALL BE RECONNECTED TO THE NEW WATER MAINS.
5. UTILITY SERVICE CONNECTIONS SHALL BE MAINTAINED TO ALL EXISTING FACILITIES TO REMAIN.
6. FIRE HYDRANTS SHALL NOT BE REMOVED FROM SERVICE WITHOUT WRITTEN AUTHORIZATION FROM THE FIRE DEPARTMENT OR THE WATER AUTHORITY.
7. ALL NEW WATER LINES SHALL BE DISINFECTED TO THE SATISFACTION OF THE WATER AUTHORITY IN ACCORDANCE WITH THE SPECIFICATIONS.
8. ALL UTILITY POLE RELATED WORK SHALL BE BY OTHERS.

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OF: 36

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PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN, RHODE ISLAND

STANDARD NOTES - 1

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LANDSCAPE NOTES:

1. ALL PLANT MATERIAL MUST BE TAGGED AT THE NURSERY (A RECOGNIZED GROWER OF PLANT MATERIAL) IN ACCORDANCE WITH THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION. ALL PLANT MATERIAL MUST BE NURSERY GROWN; NO PLANTATION GROWN PLANT MATERIAL WILL BE ACCEPTED.
2. ALL PLANT SUBSTITUTIONS AND/OR CHANGES IN PLANT LOCATION MUST BE APPROVED IN ACCORDANCE WITH THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
3. ALL PLANT MATERIAL IS TO BE FIELD LOCATED BY A REPRESENTATIVE FROM THE R.I.D.O.T. LANDSCAPE ARCHITECTURE UNIT.
4. A R.I.D.O.T. LANDSCAPE REPRESENTATIVE MUST BE ON SITE TO APPROVE ALL TRIMMING AND CLEARING NECESSARY TO COMPLETE THE WORK AS SHOWN ON THE PLANS.
5. ANY TOPSOIL USED AS PLANTABLE SOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS, AND SHALL CONFORM TO SECTION M.18 OF THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
6. ALL TREES AND SHRUBS SHALL BE MULCHED WITH PINE BARK MULCH IN ACCORDANCE WITH THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
7. ALL TREES AND/OR SHRUBS THAT ARE PLANTED AS A BED SHALL BE MULCHED AS A BED.
8. PROVIDE A MINIMUM 6'-8" BRANCHING STANDARD ON ALL TREES INSTALLED ADJACENT TO SIDEWALKS AND/OR PEDESTRIAN ACCESS AREAS.

STRUCTURAL NOTES FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS:

GENERAL

1. ALL SUPPORT DESIGNS AND ASSOCIATED SHOP DRAWING REVIEWS SHALL BE IN CONFORMANCE WITH THE LATEST EDITION, OF THE AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS (THE "SPECIFICATIONS"), INCLUDING THE LATEST INTERIM SPECIFICATIONS, EXCEPT AS MODIFIED HEREIN.

CONSTRUCTION DRAWINGS AND DETAILS

1. THE FOLLOWING NOTES SHALL BE INCLUDED ON ALL PLANS AND/OR SHOP DRAWINGS IN REFERENCE TO ANCHOR BOLTS:
   - "PRETENSIONING OF ALL ANCHOR NUTS IS REQUIRED, AND SHALL BE ACCOMPLISHED BY TIGHTENING TO 1/6TH TURN BEYOND THE SNUG-TIGHT POSITION."
   - "THE MAXIMUM CLEARANCE BETWEEN THE BOTTOM OF THE LEVELING NUTS AND THE TOP OF THE CONCRETE IS CRITICAL AND SHALL NOT EXCEED THE AMOUNT SPECIFIED ON THIS DRAWING."
2. THE USE OF GROUT UNDER BASE PLATES SHALL GENERALLY NOT BE PERMITTED. IF SPECIFIC CONDITIONS WARRANT ITS USE, THE GROUT SHALL NOT BE CONSIDERED LOAD CARRYING; LOADS SHALL BE DIRECTLY SUPPORTED BY THE ANCHOR BOLTS. ADEQUATE DRAINAGE SHALL BE PROVIDED.
3. THE DAMPENING EFFECTS OF VIBRATION MITIGATION DEVICES SHALL NOT BE CONSIDERED IN THE DESIGN OF STRUCTURAL SUPPORTS FOR SIGNS AND TRAFFIC SIGNALS. IF THE CONTRACTOR CHOOSES TO USE THESE DEVICES FOR WARRANTY PURPOSES, THE TYPE OF DEVICES PROPOSED SHALL BE APPROVED BY THE DEPARTMENT PRIOR TO FABRICATION OF SUPPORTS.

TRAFFIC SIGNAL NOTES:

1. ALL SALVAGED TRAFFIC SIGNAL EQUIPMENT SHALL BE DELIVERED TO THE R.I.D.O.T. MAINTENANCE HEADQUARTERS, 350 LINCOLN AVENUE, WARWICK, RHODE ISLAND, 02888.
2. BACK PLATES SHALL BE INSTALLED ON ALL TRAFFIC SIGNAL HEADS.
3. THE CONTRACTOR SHALL SUPPLY AND INSTALL ON THE UPPER LEFT HAND CORNER OF THE BACK OF THE CONTROLLER CABINET DOOR A LAMINATED INTERSECTION GRAPHIC AND TABLE DEPICTING THE TRAFFIC DETECTOR RELAY CHANNEL ASSIGNMENTS. THE DIAGRAM SHALL BE A GRAPHIC OF THE INDIVIDUAL INTERSECTION ORIENTED SIMILAR TO THE PLANS SHOWING THE LOCATIONS OF EACH OF THE LOOP DETECTORS. THE DIAGRAM SHALL, AT A MINIMUM, INCLUDE DETECTOR NUMBERS, STREET NAME LABELS, NORTH ARROW, AND CONTROLLER CABINET LOCATION. THE ASSIGNMENT INFORMATION SHALL BE INCLUDED IN A TABLE WHICH SHALL INCLUDE, AT A MINIMUM, THE APPROACH NAME, DETECTOR NUMBER, TERMINAL NUMBER, DETECTOR RACK SLOT NUMBER, RELAY NUMBER, RELAY CHANNEL NUMBER, AND PHASE ASSOCIATED WITH EACH DETECTOR.
4. TRAFFIC CONTROLLER CABINETS, UNLESS OTHERWISE NOTED, SHALL BE NEMA TS2 TYPE 1 CABINET SIZE 8 ("P" TYPE) WITH NOMINAL DIMENSIONS OF 52"Hx44"Wx24"D.
5. ALL DELAY AND EXTENSION TIMES, AS CALLED FOR ON THE PLANS, FOR PROPOSED LOOP DETECTORS SHALL BE PROGRAMMED IN THE TRAFFIC SIGNAL CONTROLLER AND NOT THE DETECTOR RELAY.
6. A BARE GROUND WIRE SHALL BE PLACED IN ALL PVC CONDUITS AND SHALL BE BONDED TO GROUND RODS IN ACCORDANCE WITH SECTION 7.03 OF THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
7. THE FINAL POSITION OF SIGNAL HEADS, PEDESTRIAN PUSHBUTTONS, DETECTORS, AND STOP LINE AND CROSSWALK PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER IN THE FIELD ACCORDING TO ACTUAL INTERSECTION CHARACTERISTICS.
8. A 2' MINIMUM BUFFER SHALL BE PROVIDED BETWEEN THE CURB AND ALL LATERAL OBSTRUCTIONS (INCLUDING ALL SIGNAL POLES AND TRAFFIC/PEDESTRIAN SIGNAL HEADS) TO PROVIDE ADEQUATE CLEARANCE FOR TURNING VEHICLES.
9. ALL FOUNDATIONS MUST HAVE CONES OR BARRELS BOLTED TO FOUNDATION BASES UNTIL ACTUAL POLE IS INSTALLED.
10. WHEN PLACING TRAFFIC SIGNAL HANDHOLES OR CONDUIT IN EXISTING PORTLAND CEMENT CONCRETE SIDEWALKS, THE ENTIRE SIDEWALK SQUARE OF CONCRETE SHALL BE REPLACED IN ACCORDANCE WITH R.I. STD. 43.1.0. NO PATCHES WILL BE ALLOWED.
11. ALL PEDESTRIAN PUSHBUTTONS SHALL BE COMPLIANT WITH "THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES" (ADAAG) AND SHALL INCLUDE A PRESSURE-ACTIVATED (NON-MOVING) BUTTON. SIGNS APPLICABLE TO PUSHBUTTON ACTUATION SHALL BE INSTALLED SUCH THAT THE CROSSING ASSIGNED TO EACH BUTTON IS CLEARLY INDICATED. IF SITE CONDITIONS DO NOT ALLOW PEDESTRIAN PUSHBUTTONS TO BE INSTALLED WHERE CALLED FOR ON THE PLANS, THE R.I.D.O.T. TRAFFIC ENGINEERING UNIT SHALL BE CONSULTED WITH THROUGH AN R.F.I. PRIOR TO INSTALLING THE PUSHBUTTONS. THE FINAL PLACEMENT OF ALL PEDESTRIAN PUSHBUTTONS SHALL BE IN ACCORDANCE WITH ADAAG AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
12. ALL LOOP DETECTORS SHALL BE CENTERED WITHIN EACH LANE AS DELINEATED, UNLESS OTHERWISE DIMENSIONED ON PLANS.
13. ALL LOOP DETECTORS SHALL BE CUT INTO THE FINAL PAVEMENT SURFACE COURSE.
14. TRAFFIC SIGNAL CONTROLLERS SHALL BE WIRED SO THAT ANY FIRE PRE-EMPTION SHALL OVERRIDE MANUAL (PUSH BUTTON) OPERATION.
15. THE CONTRACTOR SHALL WORK CONTINUOUSLY TO RESTORE TRAFFIC SIGNAL OPERATION TO ITS INTENDED PURPOSE WHEN REPLACING THE TRAFFIC SIGNAL EQUIPMENT. A POLICE DETAIL IS REQUIRED TO DIRECT TRAFFIC AT THE INTERSECTION AT ALL TIMES WHEN THE TRAFFIC SIGNAL IS INOPERATIVE. AT NO TIME SHALL THE CONTRACTOR LEAVE THE SITE BEFORE RESTORING FULL TRAFFIC OPERATIONS.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES:

1. ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS, CHANNELIZING DEVICES, ETC., SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. ALL SIGN MOUNTINGS FOR TEMPORARY AND CONSTRUCTION SIGNS SHALL BE IN ACCORDANCE WITH THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
3. THE CONTRACTOR SHALL COVER ALL EXISTING AND/OR TEMPORARY SIGNS THAT ARE NOT RELEVANT TO THE TRAFFIC CONTROL REQUIRED DURING ANY PARTICULAR STAGE OF THE CONTRACT.
4. ADVANCE FLAGPERSON SIGNS (W20-7A) SHALL BE USED IN ADVANCE OF ANY POINT AT WHICH A FLAGPERSON OR A POLICE OFFICER HAS BEEN STATIONED TO CONTROL TRAFFIC. WHEN NEEDED, AN APPROPRIATE DISTANCE MESSAGE MAY BE DISPLAYED ON A SUPPLEMENTAL PLATE (24"x18") BELOW THE FLAGPERSON SYMBOL SIGN. THE SIGN SHALL BE PROMPTLY REMOVED OR COVERED WHENEVER THE FLAGPERSON IS NOT AT THE STATION.
5. POLICE OFFICERS (AND NOT FLAGPERSONS) SHALL BE UTILIZED WHEN WORK WILL IMPACT SIGNALIZED INTERSECTIONS AND LIMITED ACCESS HIGHWAYS.
6. POLYETHYLENE DRUMS SHALL BE UTILIZED AS A CHANNELIZING DEVICE WHEN A TRAFFIC CONTROL SET-UP IS TO REMAIN BEYOND WORKING HOURS WHEN NO WORKERS ARE PRESENT. CONES SHALL BE UTILIZED WHEN A TRAFFIC CONTROL SET-UP IS TO REMAIN ONLY DURING WORKING HOURS AND IS SUBSEQUENTLY BROKEN DOWN AT THE END OF THE WORKDAY.
7. ARROW PANELS SHALL BE SET IN THE FLASHING FOUR CORNERS CAUTION MODE UNLESS UTILIZED FOR A MERGING TAPER. ARROW PANELS SET IN THE FLASHING ARROW MODE SHALL NOT BE UTILIZED FOR LANE SHIFTS.
8. TEMPORARY CONSTRUCTION SIGNS AND OTHER WORKZONE TRAFFIC CONTROL DEVICES THAT ARE DAMAGED OR REQUIRE RELOCATION SHALL BE REPLACED AND / OR RELOCATED UNDER THE PAY ITEM FOR "MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION."
9. THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS SHALL NOT BE PARKED ON THE TRAVEL LANES OR SHOULDERS. THEY MAY BE PARKED WITHIN THE STATE RIGHT-OF-WAY ONLY IN AREAS 30' BEYOND THE OUTSIDE EDGE OF THE TRAVEL LANES AND/OR IN AREAS APPROVED BY THE ENGINEER.
10. TEMPORARY CONSTRUCTION SIGNS AND OTHER TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE START OF WORK IN ANY AREA THEY ARE NO LONGER APPROPRIATE.
11. THE INTENDED VEHICLE PATHS THROUGH EACH WORK ZONE SHALL BE CLEARLY MARKED AT ALL TIMES. WATERBORNE PAVEMENT MARKINGS SHALL BE INSTALLED BEFORE THE END OF THE WORK SHIFT ON ALL COLD-PLANED AND NEW ROADWAY SURFACES THAT WILL BE OPENED TO TRAFFIC AT THE END OF THE SHIFT.

BID NUMBER	SHEET NO.	TOTAL SHEETS
X	4	36

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OF: 36

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PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

STANDARD NOTES - 2

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JOB SPECIFIC LEGEND:

- (4.3.DM) PRECAST SQUARE MANHOLE - MODIFIED 5'X7'
- (20.3.0) PAVEMENT MARKINGS - CROSSWALKS (8' WIDTH)
- (BCDM) BITUMINOUS CONCRETE DRIVEWAY
  3" CLASS 9.5 HMA - MODIFIED
  8" GRAVEL BORROW SUBBASE COURSE
- (CBP) CONCRETE BASE PAVEMENT
  2" CLASS 12.5 HMA - MODIFIED
  6" CEMENT CONCRETE
  10" GRAVEL BORROW SUBBASE
- (CFS) COMPOST FILTER SOCK
- (DSH) REMOVE AND DISPOSE SHRUB
- (DT) REMOVE AND DISPOSE TREE
- (IP) INLET PROTECTION
- (FDP) FULL DEPTH PAVEMENT
  2" CLASS 12.5 HMA - MODIFIED
  4" CLASS 19.0 HMA - MODIFIED
  12" GRAVEL BORROW SUBBASE
- (RRP) REMOVE AND RESET PAVERS
- (UIS) UNDERGROUND INFILTRATION SYSTEM (SEE DETAIL)

JOB SPECIFIC LINE LEGEND:

—●—●— COMPOST FILTER SOCK

DRAINAGE AND EROSION CONTROL NOTES

1. COMPOST FILTER SOCK SHALL BE USED FOR PERIMETER EROSION CONTROLS AS NEEDED TO ADHERE TO THE SWPPP AND RIDEM/CRMC REGULATIONS. CONTRACTOR SHALL PLACE COMPOST FILTER SOCK AS NEEDED OR AS DIRECTED BY THE ENGINEER DEPENDENT ON THE CONSTRUCTION PHASING.
2. ALL RIM ELEVATIONS SHOWN ON THE PLANS ARE SURFACE ELEVATION. RIMS SHALL BE CONSTRUCTED 0.1' BELOW THE RIM ELEVATION INDICATED ON THE PLANS. (THIS NOTE CLARIFIES DRAINAGE AND EROSIONS CONTROL NOTE 11 ON STANDARD NOTES-1).

BID NUMBER	SHEET NO.	TOTAL SHEETS
X	5	36

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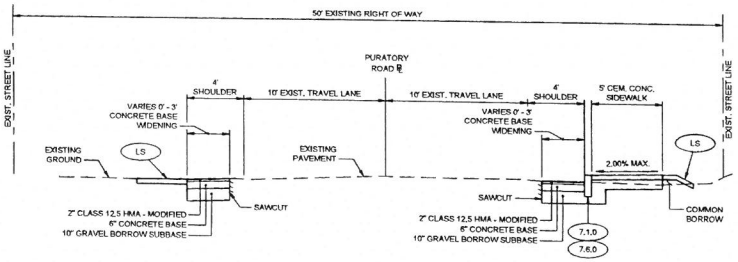
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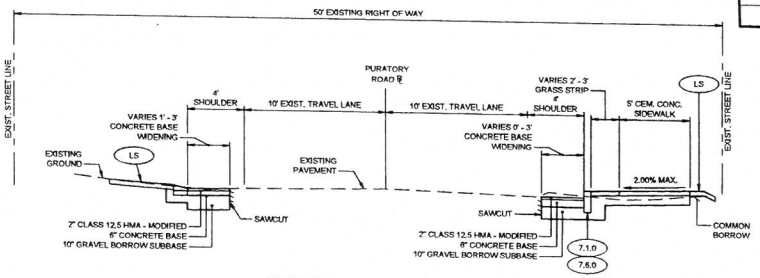
PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND
JOB SPECIFIC PLAN SYMBOLS, LEGEND & NOTES

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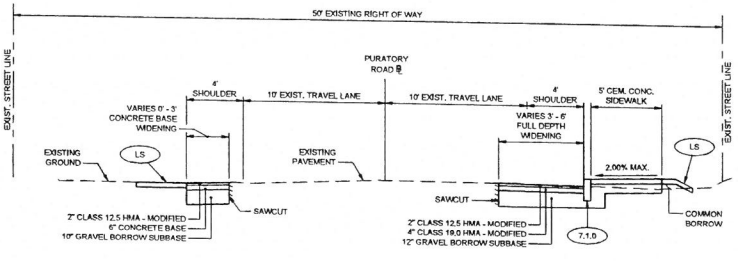
BID NUMBER	SHEET NO.	TOTAL SHEETS
x	6	36



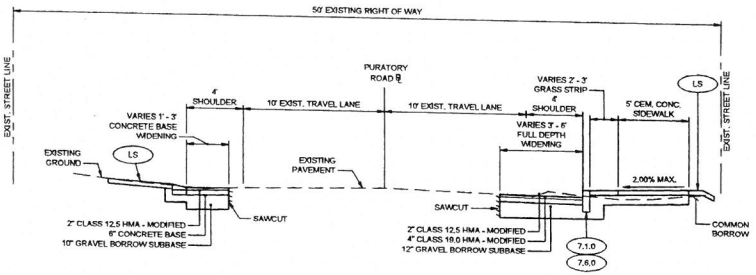
STATION 56+00 TO STATION 59+30
PURGATORY ROAD
SCALE: 1"=4'



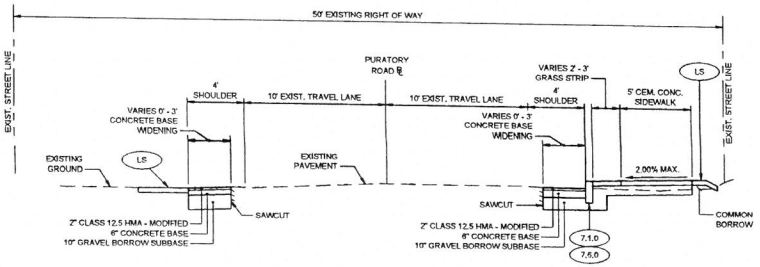
STATION 67+65 TO STATION 68+50
STATION 70+20 TO STATION 71+25
STATION 88+35 TO STATION 89+35
STATION 91+00 TO STATION 93+25
PURGATORY ROAD
SCALE: 1"=4'



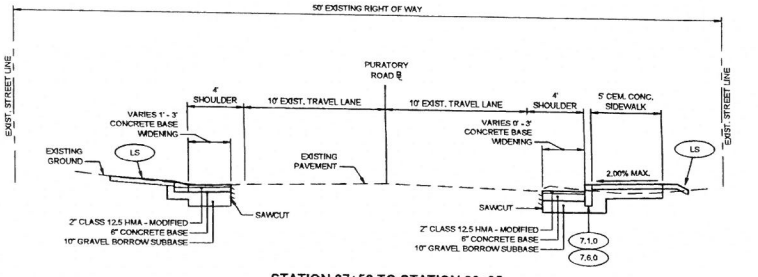
STATION 59+30 TO STATION 61+50
STATION 81+00 TO STATION 87+50
PURGATORY ROAD
SCALE: 1"=4'



STATION 71+50 TO STATION 78+50
STATION 89+35 TO STATION 91+00
PURGATORY ROAD
SCALE: 1"=4'



STATION 62+00 TO STATION 67+65
STATION 68+50 TO STATION 70+20
STATION 78+50 TO STATION 81+00
PURGATORY ROAD
SCALE: 1"=4'



STATION 87+50 TO STATION 88+35
PURGATORY ROAD
SCALE: 1"=4'

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 6
OF: 36

SCALE: NOT TO SCALE

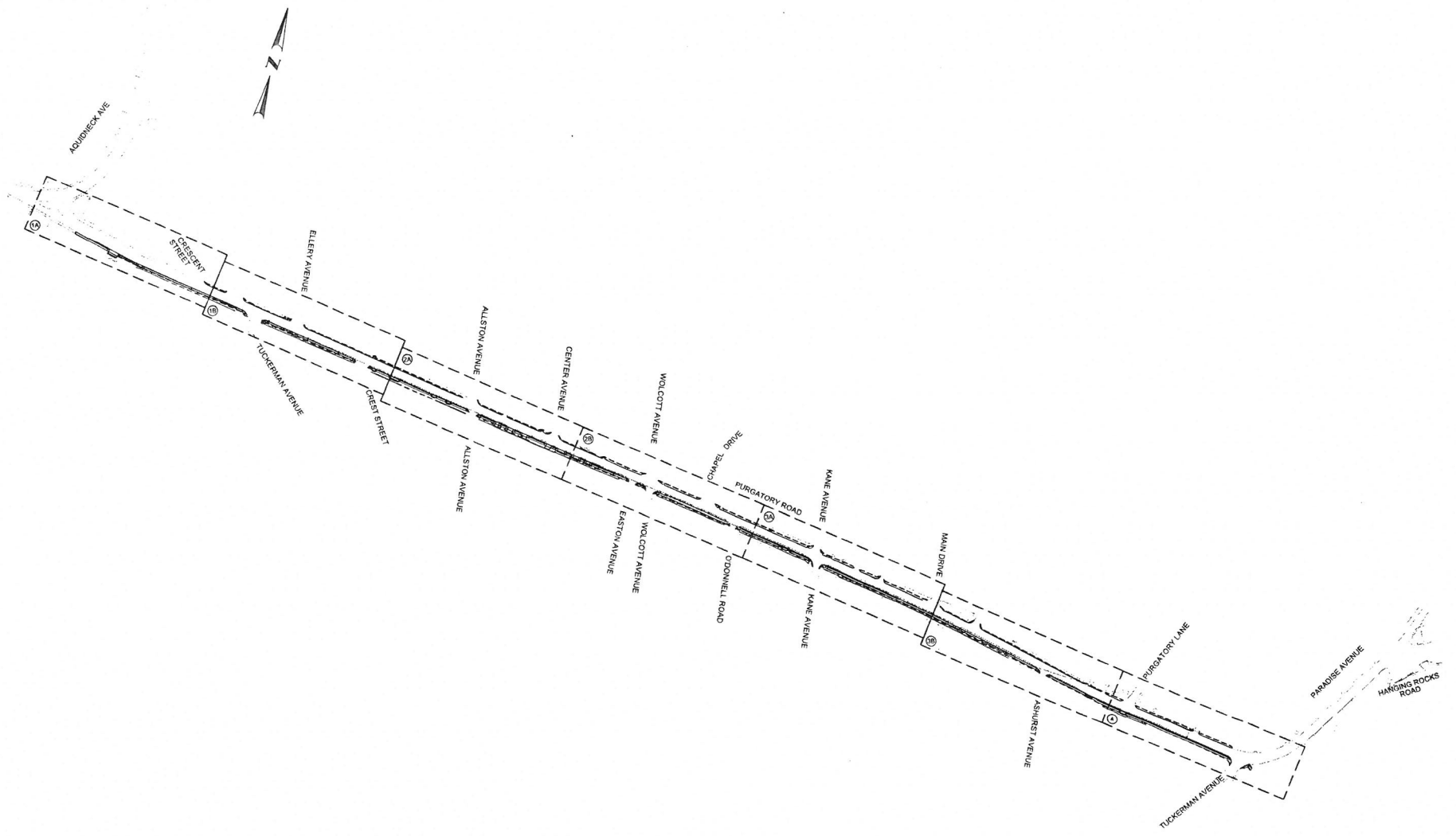
REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

TYPICAL SECTIONS

XXXXX_V1_006_TYPICAL001

BID NUMBER	SHEET NO.	TOTAL SHEETS
X	7	36



LEGEND
(X) INDICATES PLAN NUMBER

1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 7
OF: 36

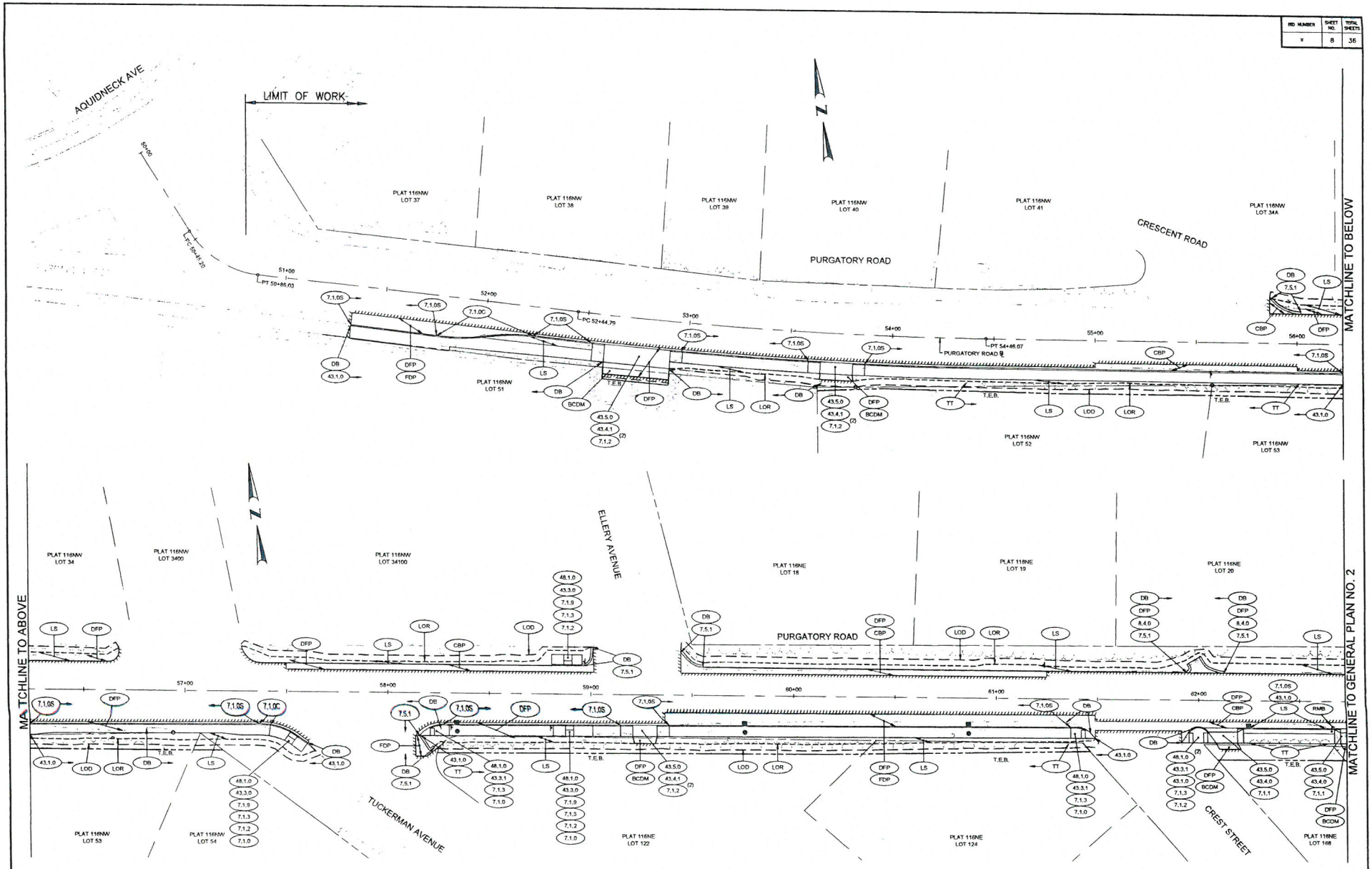
SCALE: 1" = 150'
0 75 150 300
GRAPHIC SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

KEY PLAN

XXXXX_V1_007_KEY



RD. NUMBER	SHEET NO.	TOTAL SHEETS
X	8	35

1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 8
OF: 35

SCALE: 1"=20'
GRAPHIC SCALE

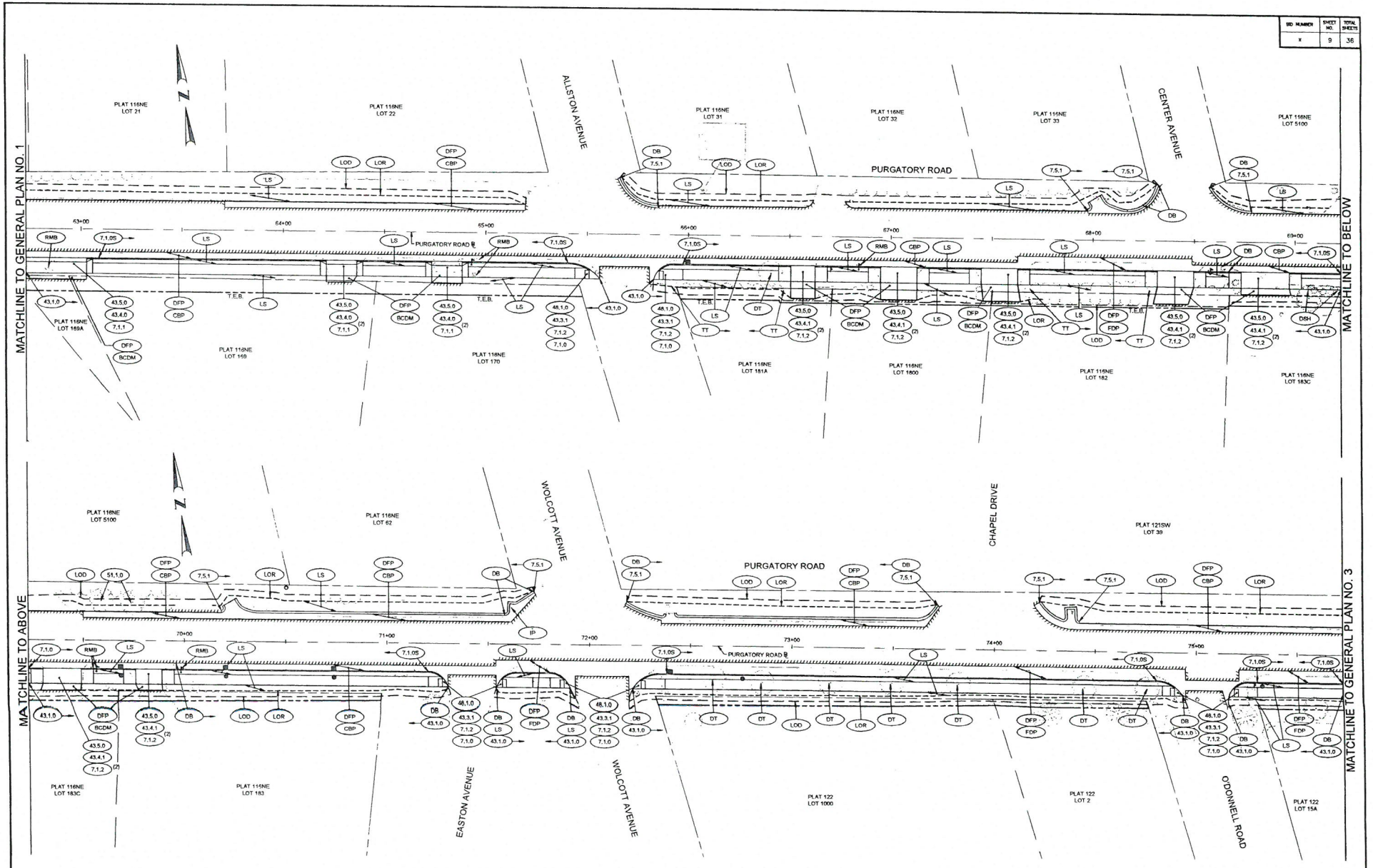
REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

MIDDLETOWN RHODE ISLAND

GENERAL PLAN NO. 1

XXXXX_V1_008_GENERAL001



SID NUMBER	SHEET NO.	TOTAL SHEETS
x	9	36

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 9
OF: 36

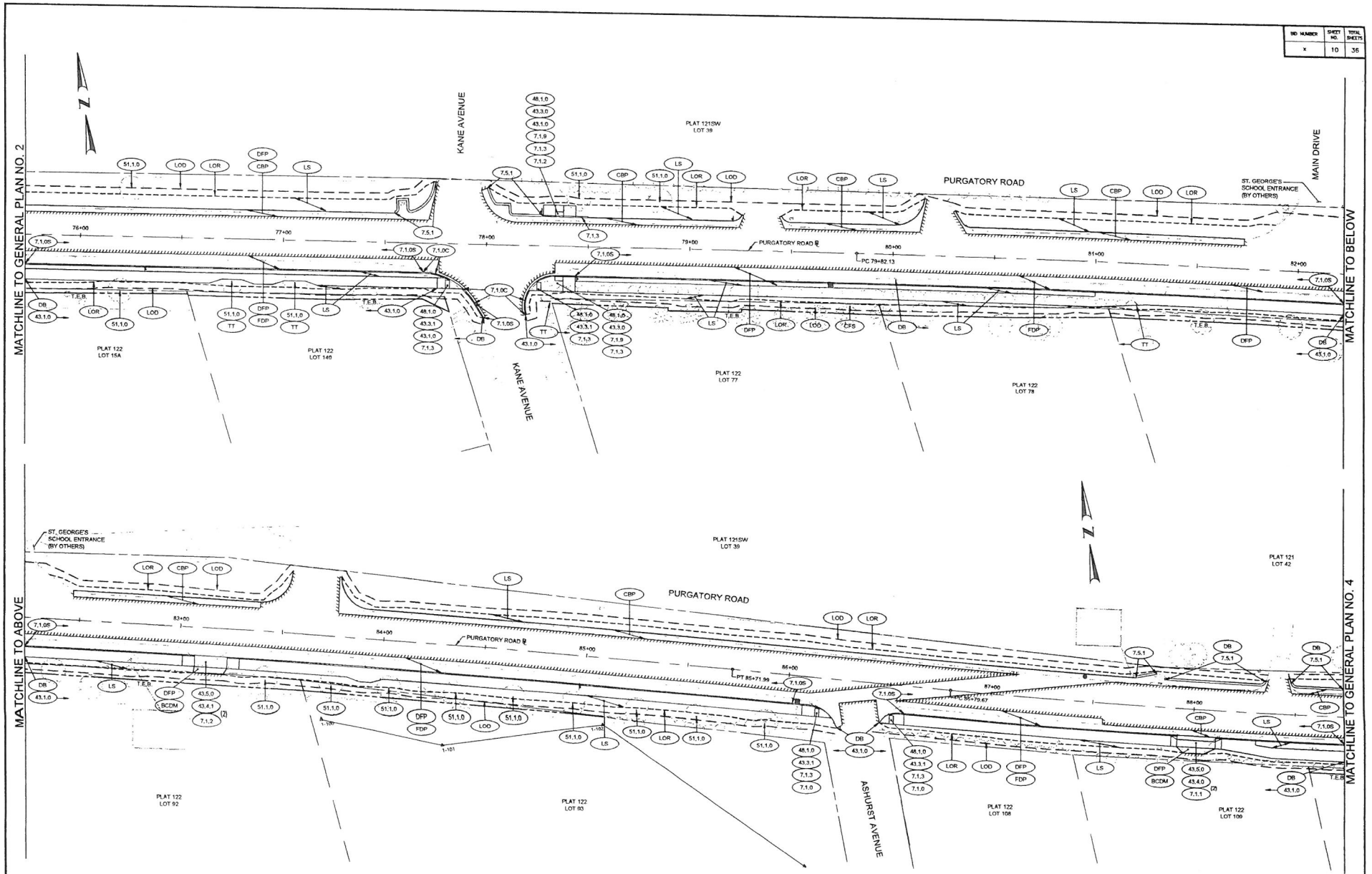
SCALE: 1"=20'
GRAPHIC SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

GENERAL PLAN NO. 2

XXXXX_V1_009_GENERAL002



BID NUMBER	SHEET NO.	TOTAL SHEETS
x	10	36

1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 10
OF: 36

SCALE: 1"=20'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

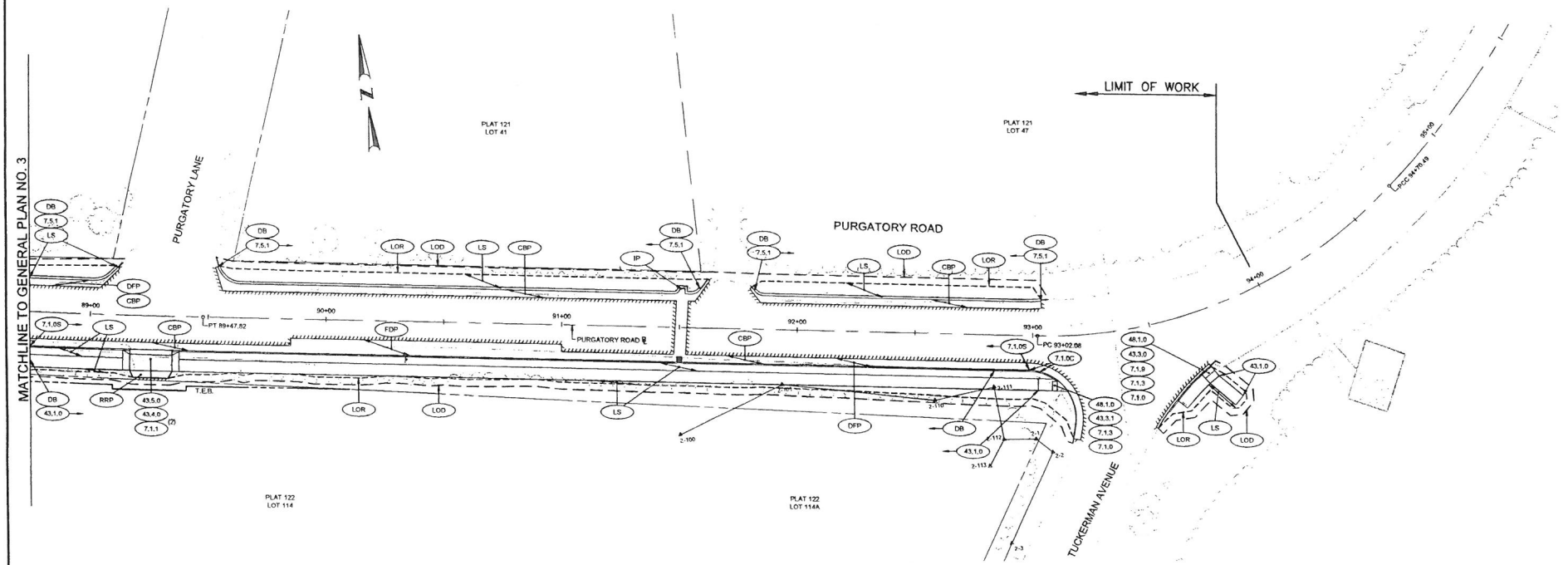
PURGATORY ROAD SIDEWALK IMPROVEMENTS

MIDDLETOWN RHODE ISLAND

GENERAL PLAN NO. 3

XXXXX_V1_010_GENERAL003

BID NUMBER	SHEET NO.	TOTAL SHEETS
x	11	36



1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 11
OF: 36

SCALE: 1"=20'
GRAPHIC SCALE

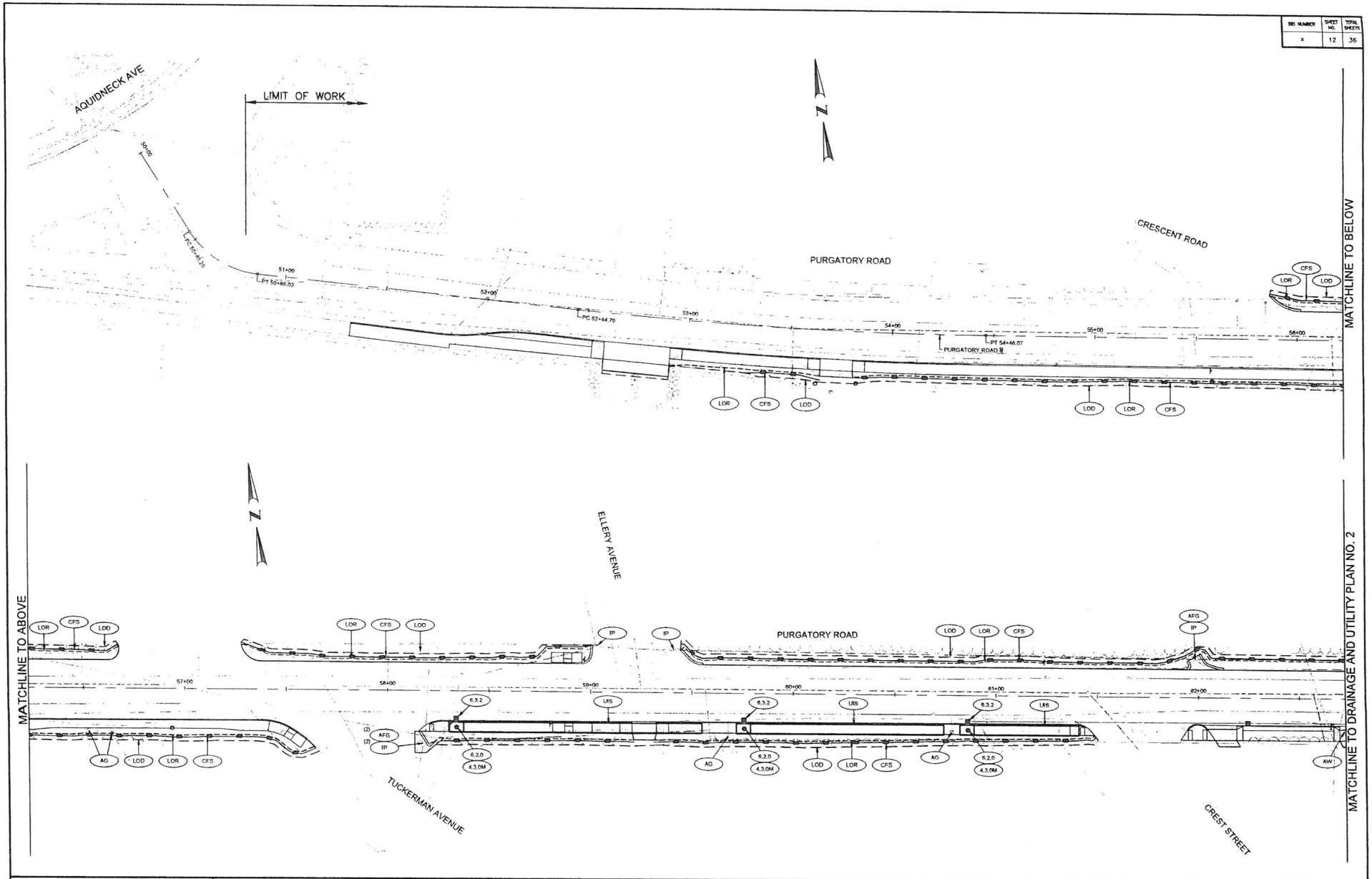
REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

MIDDLETOWN RHODE ISLAND

GENERAL PLAN NO. 4

XXXXX_V1_011_GENERAL004



vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 12
OF: 36

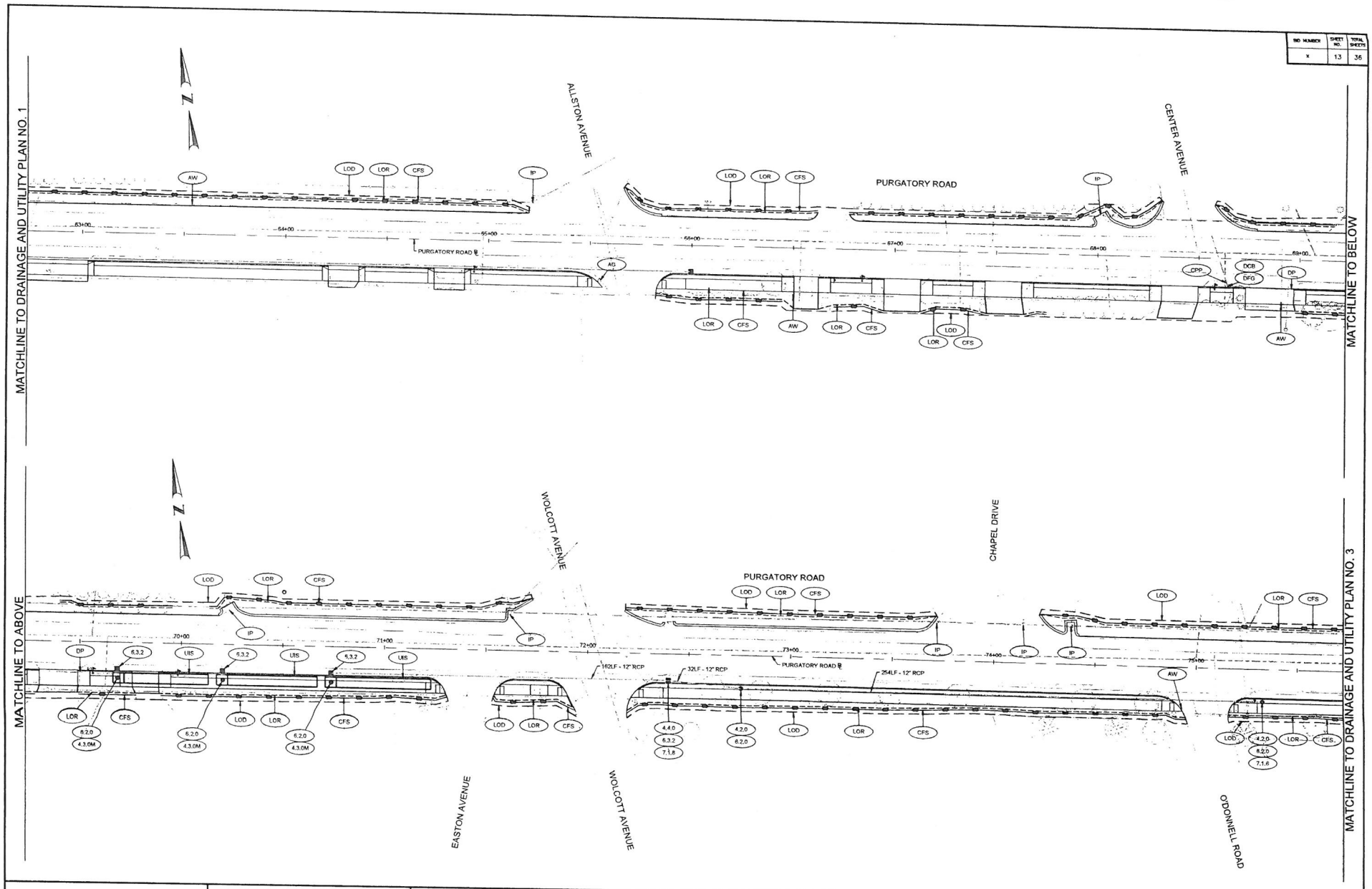
SCALE: 1"=20'
GRAPHIC SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

DRAINAGE AND UTILITY PLAN NO. 1

XXXXX_V1_012_DRAINUTIL001



BID NUMBER	SHEET NO.	TOTAL SHEETS
x	13	36

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 13
OF: 36

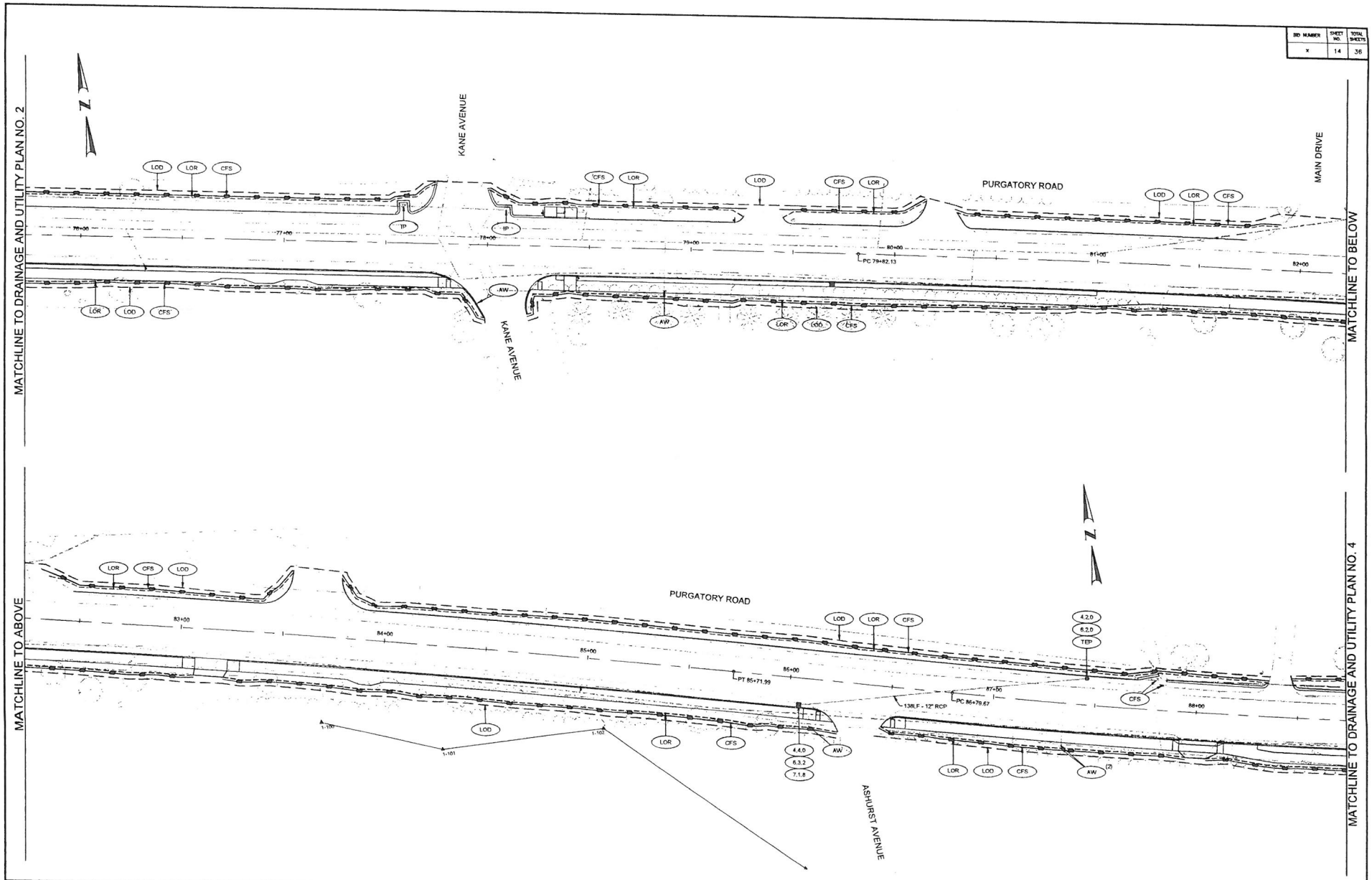
SCALE: 1"=20'
GRAPHIC SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

DRAINAGE AND UTILITY PLAN NO. 2

XXXXX_V1_013_DRAINUTIL002



BID NUMBER	SHEET NO.	TOTAL SHEETS
x	14	36

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 14
OF: 36

SCALE: 1"=20'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

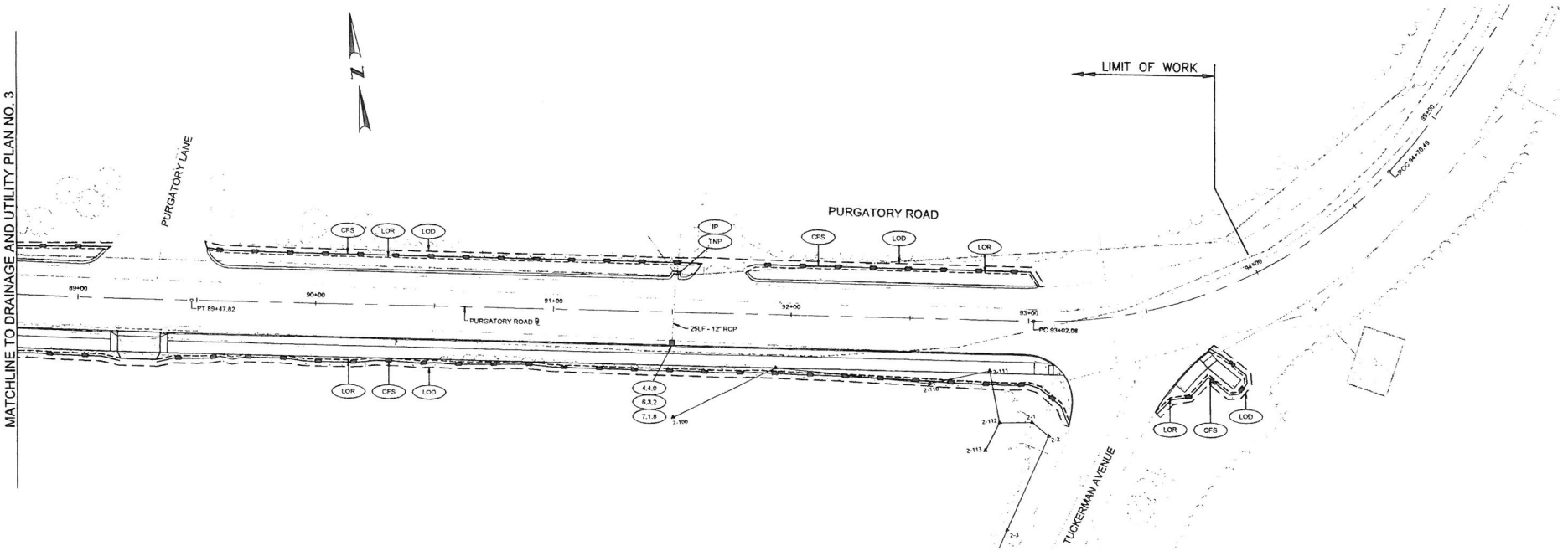
PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

DRAINAGE AND UTILITY PLAN NO. 3

XXXXX_V1_014_DRAINUTIL003

BID NUMBER	SHEET NO.	TOTAL SHEETS
x	15	38

MATCHLINE TO DRAINAGE AND UTILITY PLAN NO. 3



1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 15
OF: 38

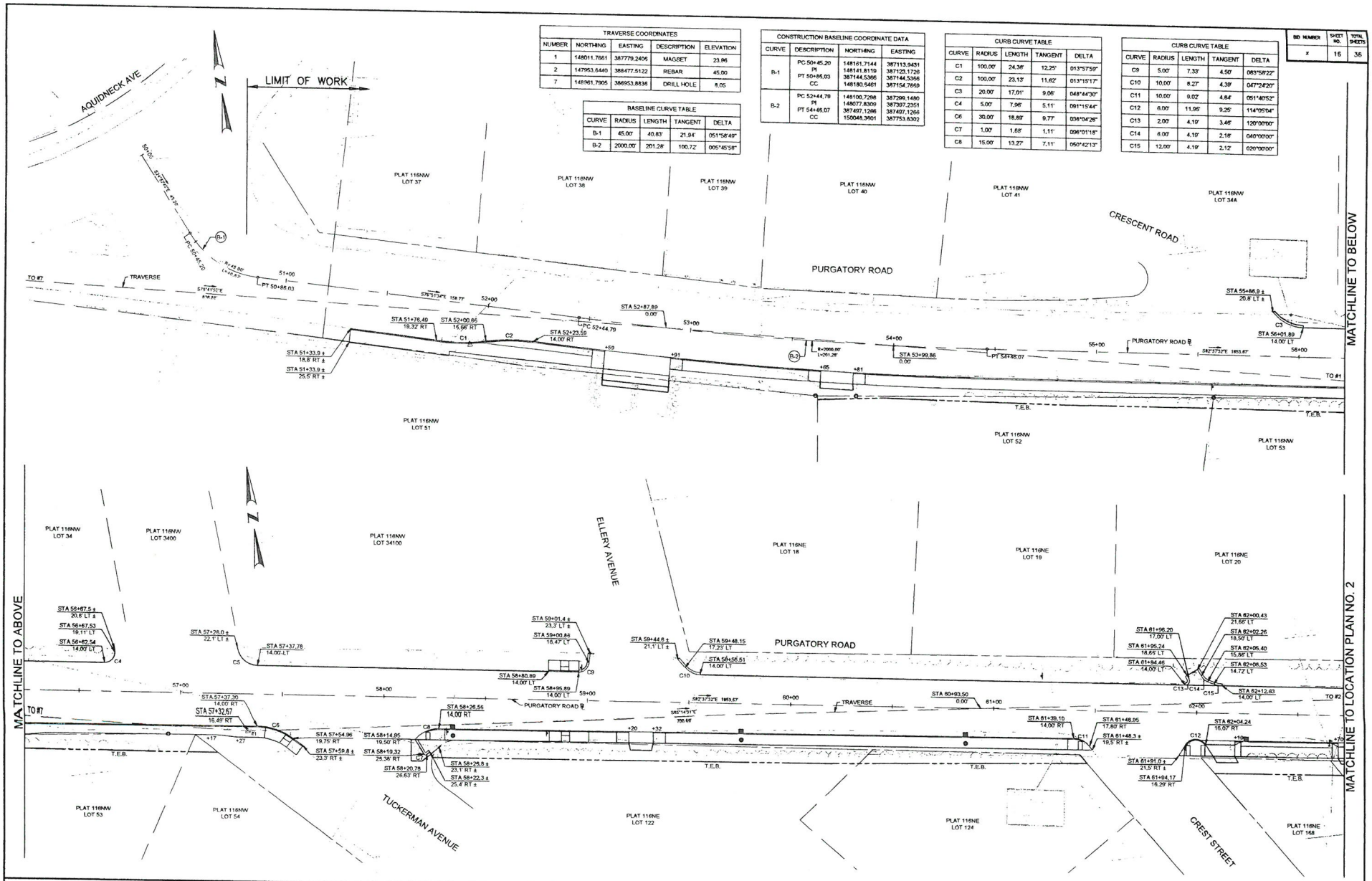
SCALE: 1"=20'
GRAPHIC SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

DRAINAGE AND UTILITY PLAN NO. 4

XXXXX_V1_015_DRAINUTIL004



TRAVERSE COORDINATES				
NUMBER	NORTHING	EASTING	DESCRIPTION	ELEVATION
1	148011.7661	387779.2406	MAGSET	23.96
2	147953.6440	388477.5122	REBAR	45.00
7	148961.7905	386953.8836	DRILL HOLE	8.05

BASELINE CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
B-1	45.00'	40.83'	21.94'	051°58'49"
B-2	2000.00'	201.28'	100.72'	005°45'58"

CONSTRUCTION BASELINE COORDINATE DATA			
CURVE	DESCRIPTION	NORTHING	EASTING
B-1	PC 50+45.20	148161.7144	387113.9431
	PI	148141.8119	387125.1726
	PT 50+86.03	387144.5366	387144.5366
	CC	148180.6461	387154.7659
B-2	PC 52+44.79	148100.7298	387299.1480
	PI	148077.8309	387397.2351
	PT 54+46.07	387407.1286	387407.1286
	CC	150048.3901	387753.8302

CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	100.00'	24.36'	12.25'	013°57'59"
C2	100.00'	23.13'	11.62'	013°15'17"
C3	20.00'	17.01'	9.06'	048°44'30"
C4	5.00'	7.96'	5.11'	091°15'44"
C6	30.00'	18.89'	9.77'	036°04'26"
C7	1.00'	1.68'	1.11'	096°01'18"
C8	15.00'	13.27'	7.11'	050°42'13"

CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C9	5.00'	7.33'	4.50'	083°58'22"
C10	10.00'	8.27'	4.39'	047°24'20"
C11	10.00'	9.02'	4.84'	051°40'52"
C12	6.00'	11.96'	9.25'	114°05'04"
C13	2.00'	4.19'	3.46'	120°00'00"
C14	6.00'	4.19'	2.18'	040°00'00"
C15	12.00'	4.19'	2.12'	020°00'00"

BID NUMBER	SHEET NO.	TOTAL SHEETS
x	16	36

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 16
OF: 36

SCALE: 1"=20'
GRAPHIC SCALE

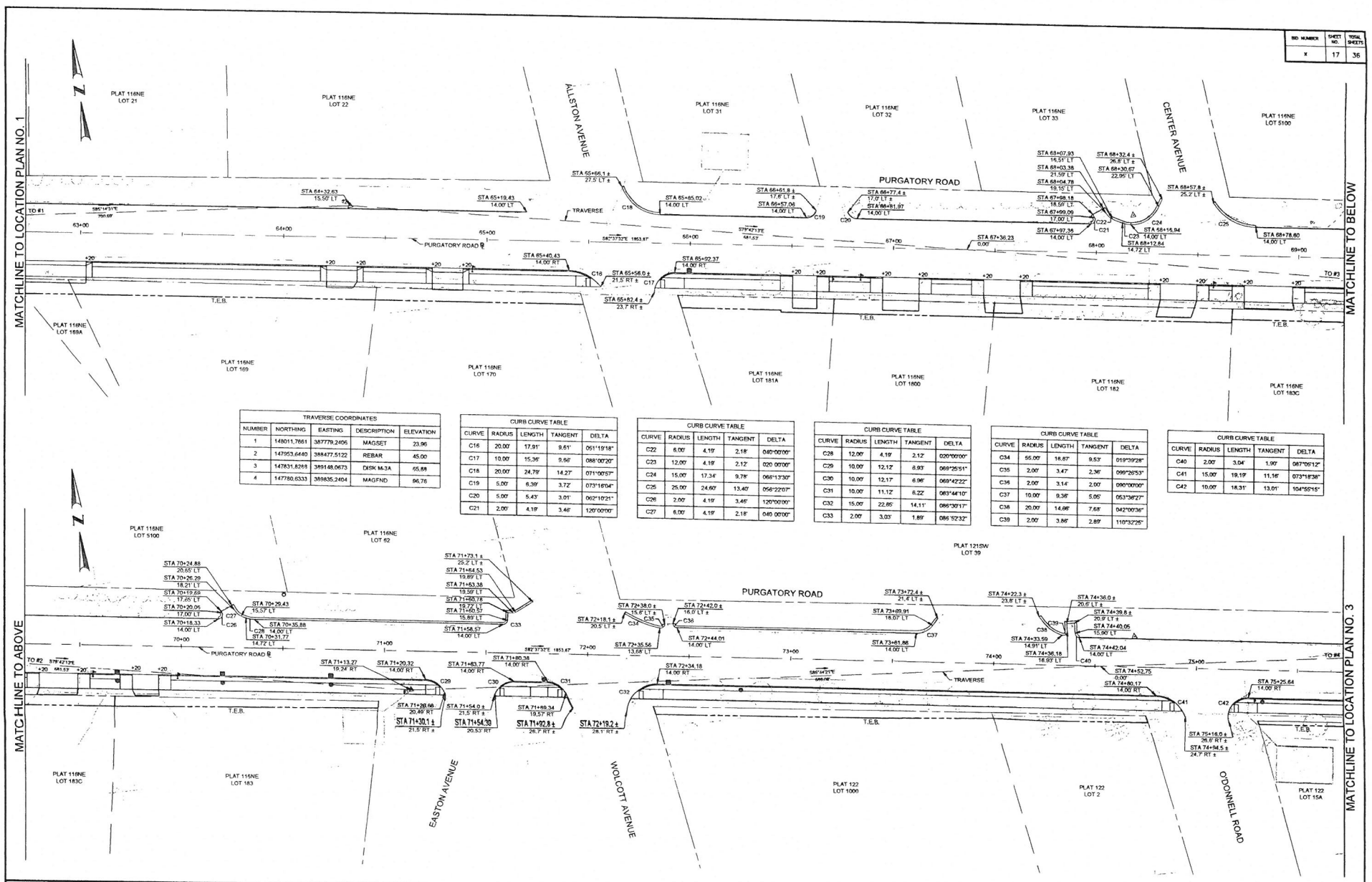
REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

MIDDLETOWN RHODE ISLAND

LOCATION PLAN NO. 1

XXXXX_V1_016_LOCATION001



BID NUMBER	SHEET NO.	TOTAL SHEETS
x	17	36

TRAVERSE COORDINATES				
NUMBER	NORTHING	EASTING	DESCRIPTION	ELEVATION
1	148011.7661	387779.2406	MAGSET	23.96
2	147953.6440	388477.5122	REBAR	45.00
3	147831.8268	389148.0673	DISK M-3A	55.88
4	147780.6333	389835.2404	MAGFND	96.76

CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C16	20.00'	17.91'	9.61'	051°19'18"
C17	10.00'	15.36'	9.82'	088°00'20"
C18	20.00'	24.79'	14.27'	071°00'57"
C19	5.00'	6.39'	3.72'	073°16'04"
C20	5.00'	5.43'	3.01'	062°10'21"
C21	2.00'	4.19'	3.46'	120°00'00"

CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C22	6.00'	4.19'	2.18'	040°00'00"
C23	12.00'	4.19'	2.12'	020°00'00"
C24	15.00'	17.34'	9.78'	066°13'30"
C25	25.00'	24.60'	13.40'	056°22'07"
C26	2.00'	4.19'	3.46'	120°00'00"
C27	6.00'	4.19'	2.18'	040°00'00"

CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C28	12.00'	4.19'	2.12'	020°00'00"
C29	10.00'	12.12'	6.93'	069°25'51"
C30	10.00'	12.17'	6.96'	069°47'22"
C31	10.00'	11.12'	6.22'	063°44'10"
C32	15.00'	22.65'	14.11'	086°30'17"
C33	2.00'	3.03'	1.89'	086°52'32"

CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C34	55.00'	16.67'	9.53'	019°39'28"
C35	2.00'	3.47'	2.36'	099°26'53"
C36	2.00'	3.14'	2.00'	090°00'00"
C37	10.00'	9.36'	5.05'	053°38'27"
C38	20.00'	14.66'	7.68'	042°00'36"
C39	2.00'	3.86'	2.89'	110°32'25"

CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C40	2.00'	3.04'	1.90'	087°05'12"
C41	15.00'	19.19'	11.16'	073°18'38"
C42	10.00'	18.31'	13.01'	104°55'15"

1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 17
OF: 36

SCALE: 1"=20'
GRAPHIC SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

LOCATION PLAN NO. 2

XXXXX_V1_017_LOCATION02

TRAVERSE COORDINATES				
NUMBER	NORTHING	EASTING	DESCRIPTION	ELEVATION
3	147831.8288	389148.0673	DISK M-3A	65.88
4	147760.6333	389835.2404	MAGFND	96.76
5	147674.9584	390328.9049	REBAR	89.40
6	147511.2155	390778.1085	REBAR	80.68
9	147495.0419	391405.6482	REBAR	51.53

BASELINE CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
B-3	8000.00'	589.85'	295.06'	004°13'28"
B-4	4000.00'	268.14'	134.12'	003°50'27"

CONSTRUCTION BASELINE COORDINATE DATA			
CURVE	DESCRIPTION	NORTHING	EASTING
B-3	PC 79+82.13	147735.9517	390011.7553
	PI	147696.5911	390304.1800
	PT 85+71.99	390592.9106	390592.9106
	CC	139407.4509	388944.5742
B-4	PC 86+79.67	147613.6091	390698.2815
	PI	147585.9743	390829.5280
	PT 89+47.82	390962.3268	390962.3268
	CC	151527.7817	391522.4497

CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C43	30.00'	30.58'	16.75'	058°21'35"
C44	15.00'	26.15'	20.47'	107°32'35"
C45	2.00'	3.26'	2.12'	093°24'41"
C46	2.00'	3.52'	2.42'	100°47'58"
C47	15.00'	16.20'	8.99'	061°52'01"
C48	15.00'	4.55'	2.29'	017°22'04"

CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C49	2.00'	1.80'	0.97'	051°31'43"
C50	2.00'	3.02'	1.88'	086°34'21"
C51	5.00'	5.91'	3.36'	067°43'26"
C52	5.00'	5.86'	3.32'	067°06'49"
C53	15.00'	21.95'	13.47'	083°50'44"
C54	5.00'	4.98'	2.72'	057°01'58"

CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C55	15.11'	20.37'	12.07'	077°14'35"
C56	15.00'	23.28'	14.72'	088°54'31"
C57	15.00'	15.33'	8.41'	058°33'16"
C58	10.02'	9.74'	5.30'	055°41'32"
C59	3.00'	3.88'	2.26'	074°06'39"
C60	3.00'	3.86'	2.25'	073°46'55"

BID NUMBER	SHEET NO.	TOTAL SHEETS
X	18	36

MATCHLINE TO LOCATION PLAN NO. 2

MATCHLINE TO BELOW

MATCHLINE TO ABOVE

MATCHLINE TO LOCATION PLAN NO. 4

PURGATORY ROAD

KANE AVENUE

ASHURST AVENUE

TRAVERSE

PLAT 121SW LOT 39

PLAT 122 LOT 15A

PLAT 122 LOT 140

PLAT 122 LOT 77

PLAT 122 LOT 92

PLAT 122 LOT 93

PLAT 122 LOT 108

PLAT 122 LOT 109

PLAT 121 LOT 42

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 18
OF: 36

SCALE: 1"=20'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

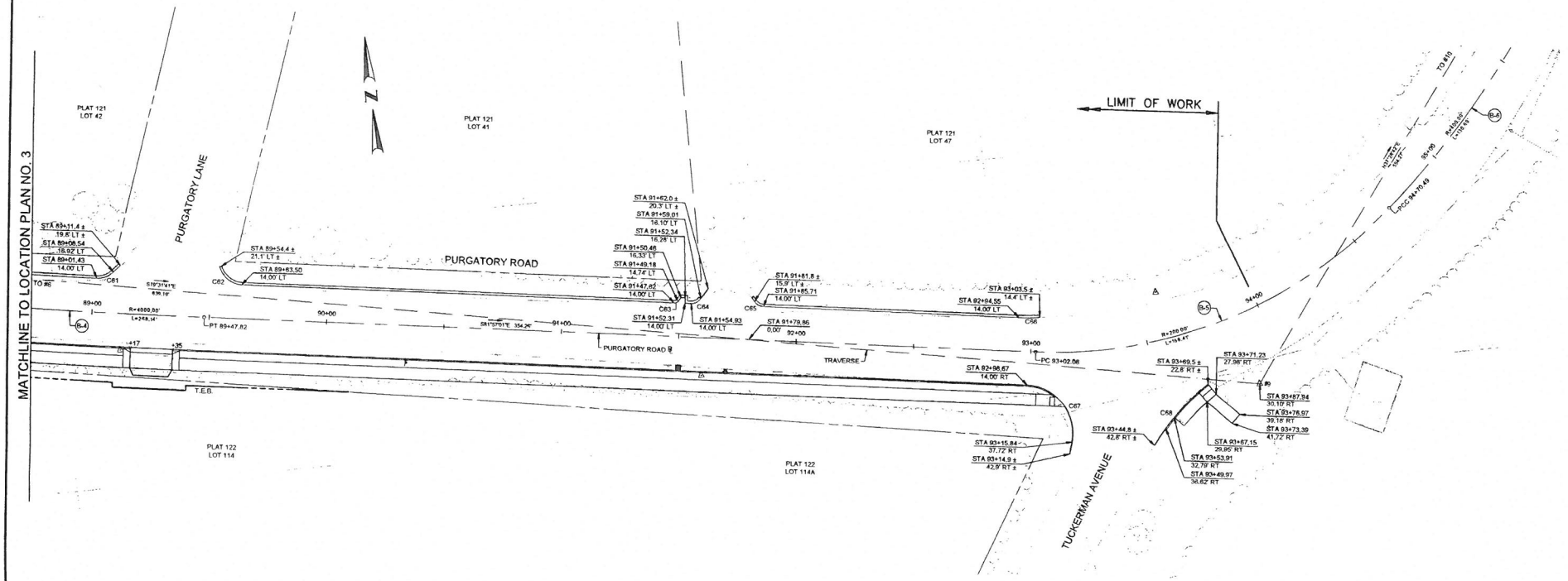
PURGATORY ROAD SIDEWALK IMPROVEMENTS

MIDDLETOWN RHODE ISLAND

LOCATION PLAN NO. 3

XXXXX_V1_018_LOCATION003

BID NUMBER	SHEET NO.	TOTAL SHEETS
X	19	36



TRAVERSE COORDINATES				
NUMBER	NORTHING	EASTING	DESCRIPTION	ELEVATION
8	147611.2155	390778.1085	REBAR	80.68
9	147495.0419	391406.6482	REBAR	51.53
10	147934.9055	391743.9022	REBAR	13.67

CONSTRUCTION BASELINE COORDINATE DATA			
CURVE	DESCRIPTION	NORTHING	EASTING
B-4	PC 86+79.67	147613.6061	390698.2815
	PI	147585.9743	390829.5260
	PT 89+47.82	390962.3268	390912.3268
	CC	151527.7817	391522.4487
B-5	PC 93+02.08	147517.5851	391313.1009
	PI	147505.0439	391401.7792
	PT 94+70.49	391470.1889	391470.1889
	CC	147715.6145	391341.1071
B-6	PC 94+70.49	147582.8471	391470.1889
	PI	147605.4016	391520.5518
	PT 96+01.18	391554.5924	391554.5924
	CC	147868.3819	391212.0252

BASELINE CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
B-4	4000.00'	248.14'	124.12'	003°33'27"
B-5	200.00'	168.41'	89.58'	048°14'46"
B-6	400.00'	130.60'	65.93'	018°43'13"

CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C61	10.00'	7.86'	4.14'	045°00'30"
C62	10.00'	12.82'	7.31'	072°18'30"
C63	2.00'	1.78'	0.96'	051°05'55"
C64	5.00'	4.78'	2.58'	054°31'14"
C65	5.00'	4.46'	2.39'	051°06'32"
C66	100.00'	8.90'	4.45'	005°05'55"
C67	20.00'	34.58'	23.45'	099°04'39"
C68	100.00'	35.10'	17.73'	020°06'41"

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 19
OF: 36

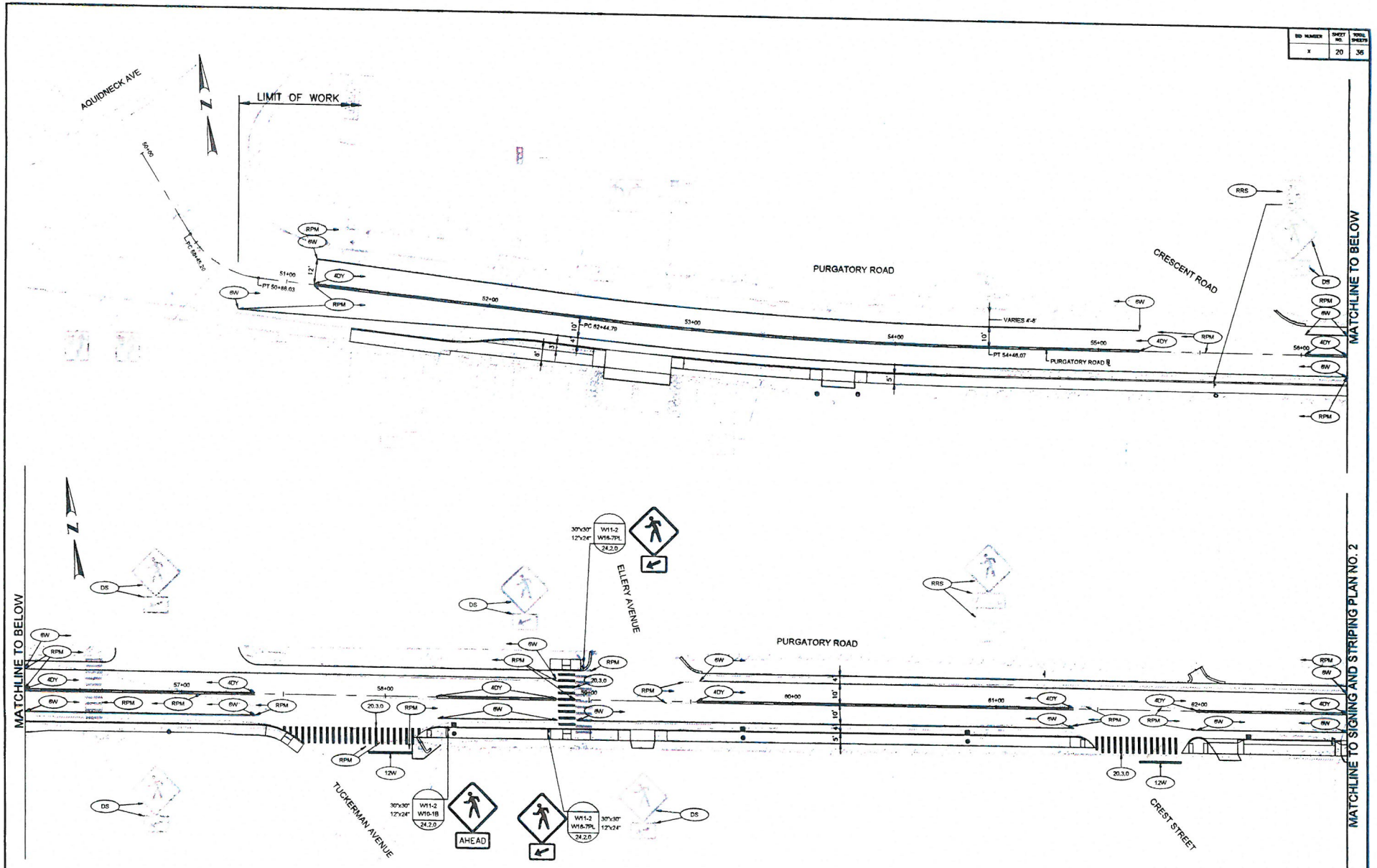
SCALE: 1"=20'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

LOCATION PLAN NO. 4

XXXXX_V1_019_LOCATION004



BID NUMBER	SHEET NO.	TOTAL SHEETS
x	20	36

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 20
OF: 36

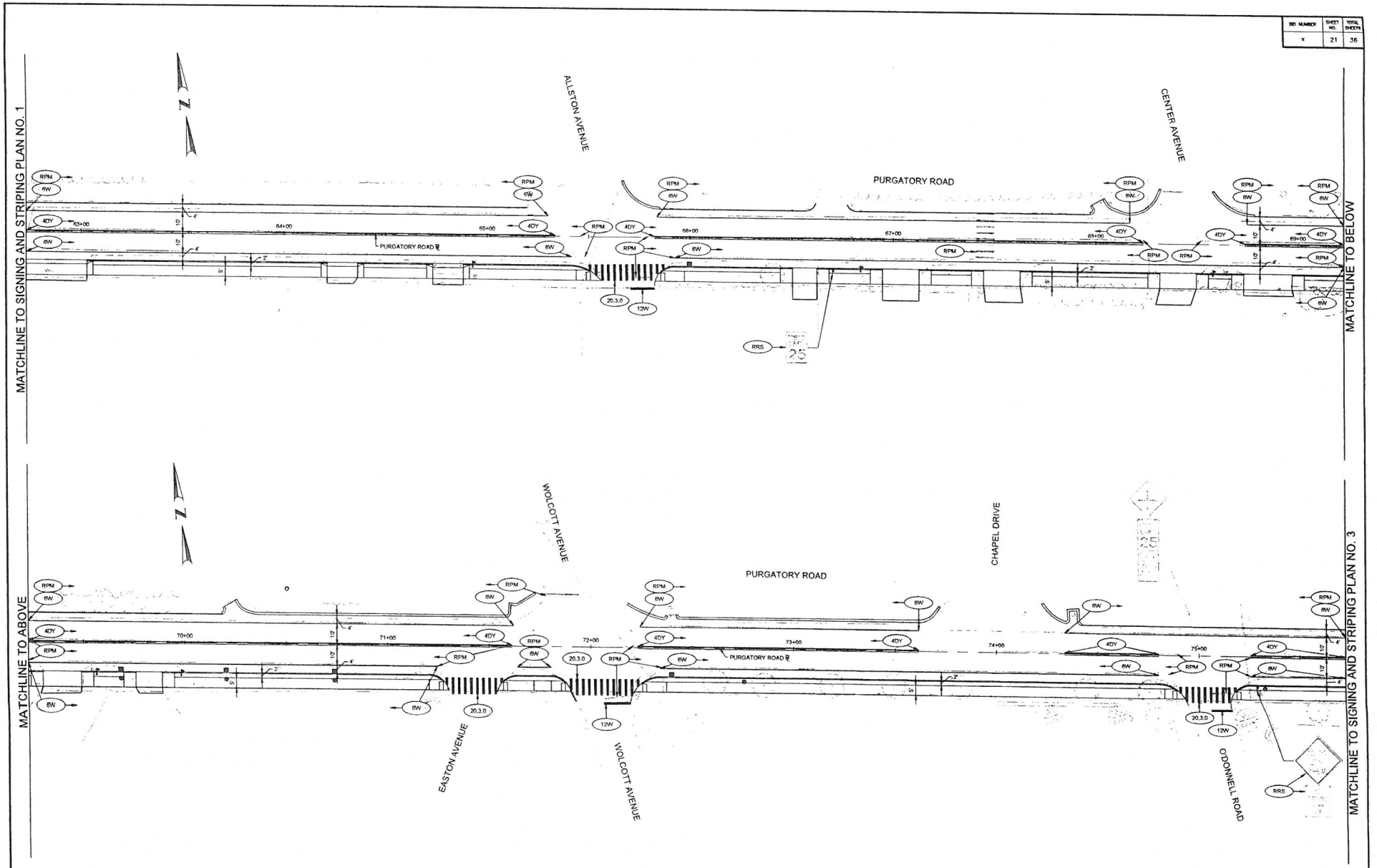
SCALE: 1"=20'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

SIGNING AND STRIPING PLAN NO. 1

XXXXX_V1_020_SIGNSTPE001



BID NUMBER	SHEET NO.	TOTAL SHEETS
x	21	36

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 21
OF: 36

SCALE: 1"=20'

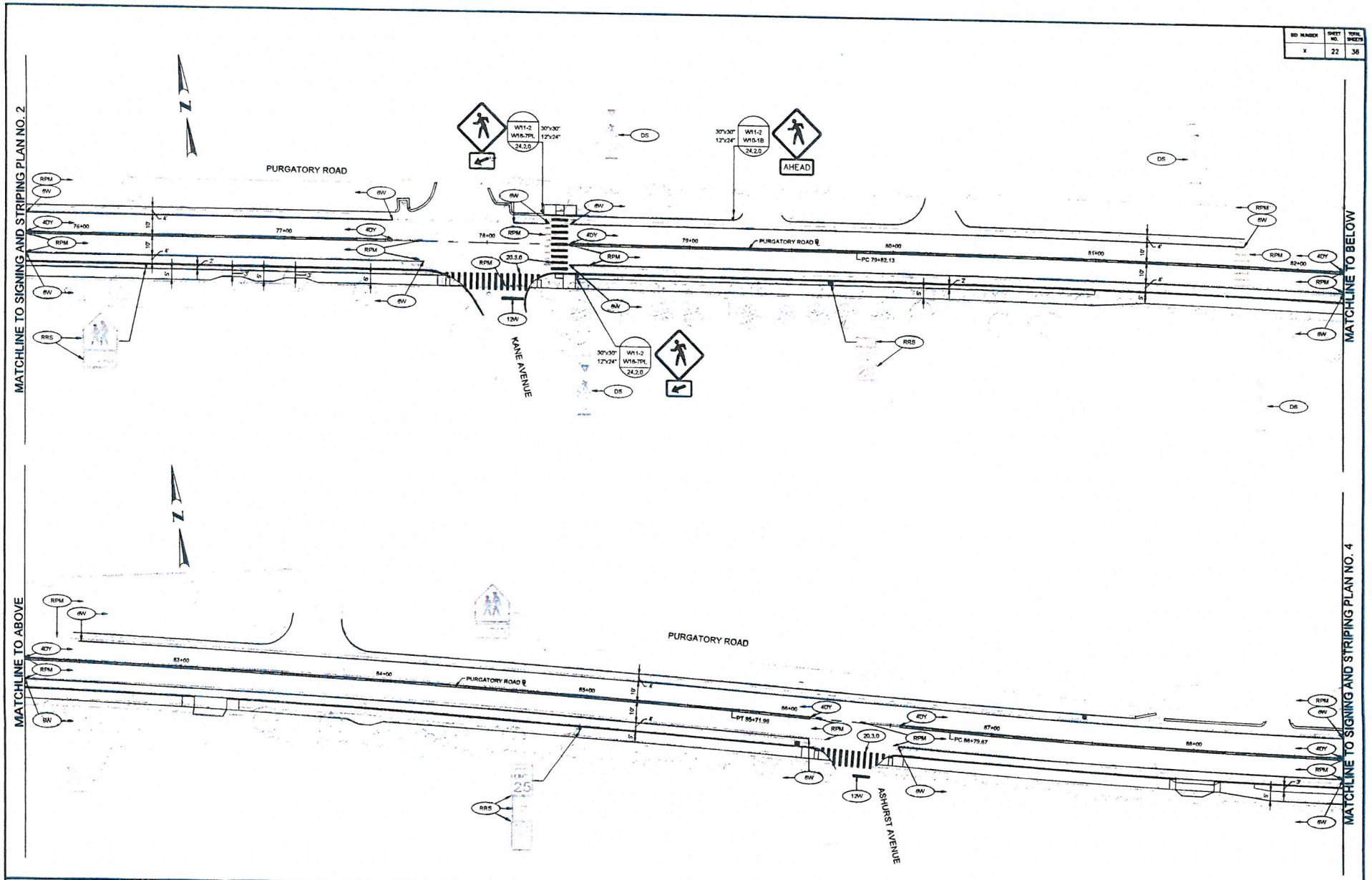
REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

MIDDLETOWN RHODE ISLAND

SIGNING AND STRIPING PLAN NO. 2

xxxxx_V1_021_SIGNSTPE002



BID NUMBER	SHEET NO.	TOTAL SHEETS
X	22	36

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 22
OF: 36

SCALE: 1"=20'
GRAPHIC SCALE

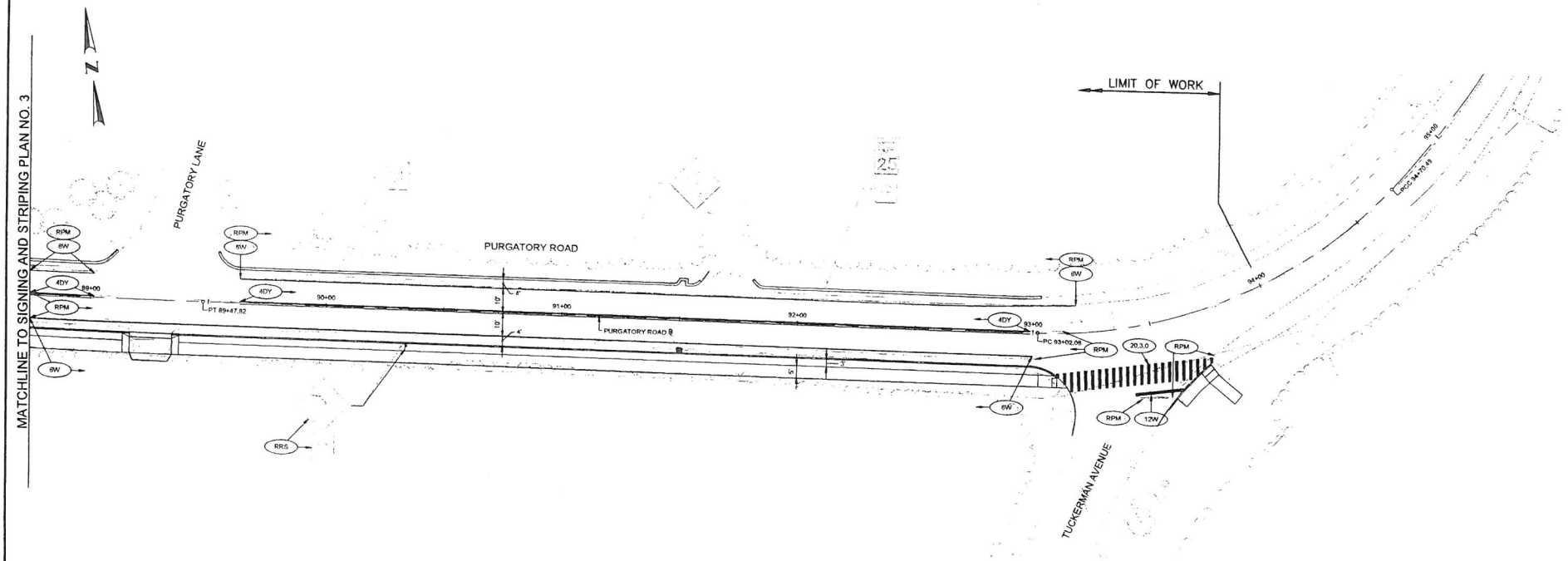
REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

SIGNING AND STRIPING PLAN NO. 3

XXXXX_V1_022_SIGNSTPE003

BID NUMBER	SHEET NO.	TOTAL SHEETS
x	23	36



1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 23
OF: 36

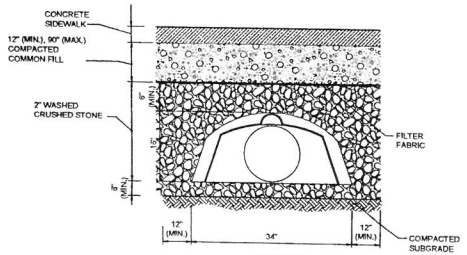
SCALE: 1"=20'
GRAPHIC SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

SIGNING AND STRIPING PLAN NO. 4

XXXXX_V1_023_SIGNSTPE004



SECTION

NOTES

ALL DIMENSIONS AND INSTALLATION PROCEDURES MUST BE IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AS APPROVED BY ENGINEER.

(UIS) UNDERGROUND INFILTRATION SYSTEM

NOT TO SCALE

BID NUMBER	SHEET NO.	TOTAL SHEETS
X	24	36

vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 24
OF: 36

SCALE: NOT TO SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

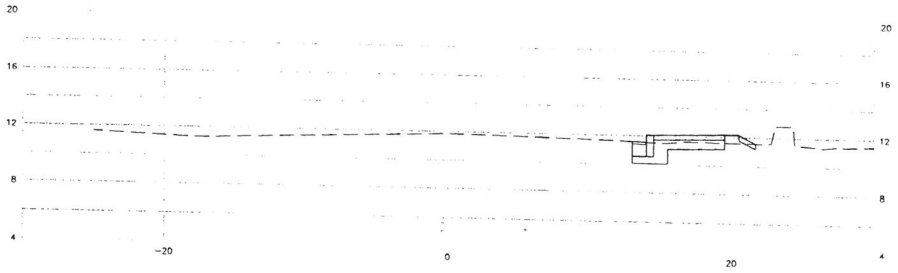
MIDDLETOWN RHODE ISLAND

DETAILS

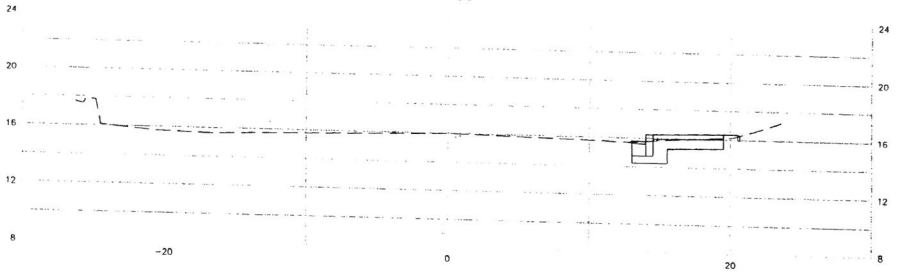
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BID NUMBER	SHEET NO.	TOTAL SHEETS
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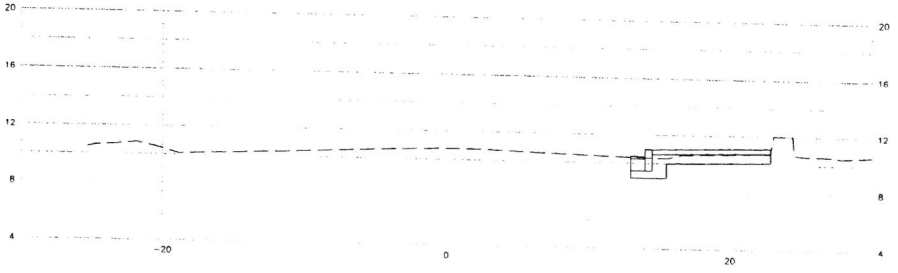
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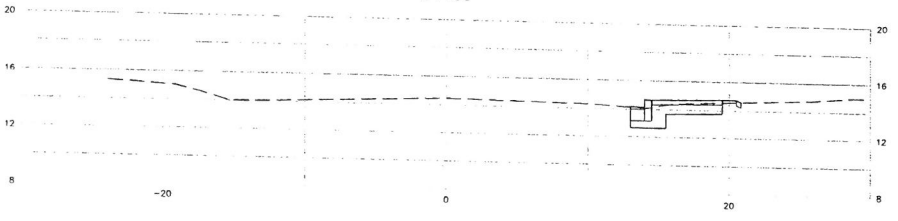
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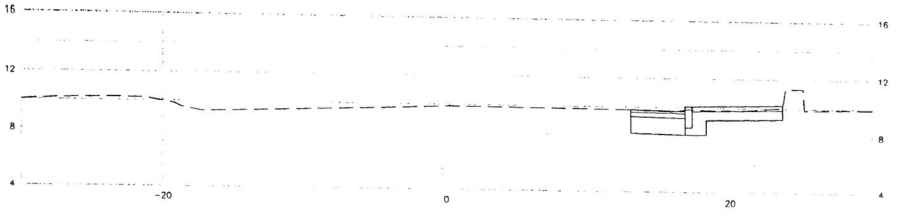
52+50



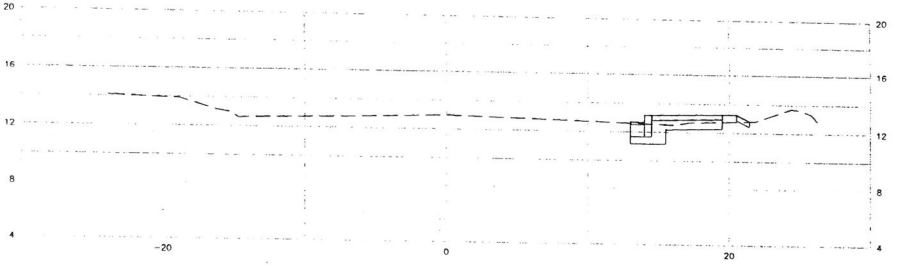
54+00



52+00



53+50



vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 25
OF: 36

SCALE: 1"=4'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

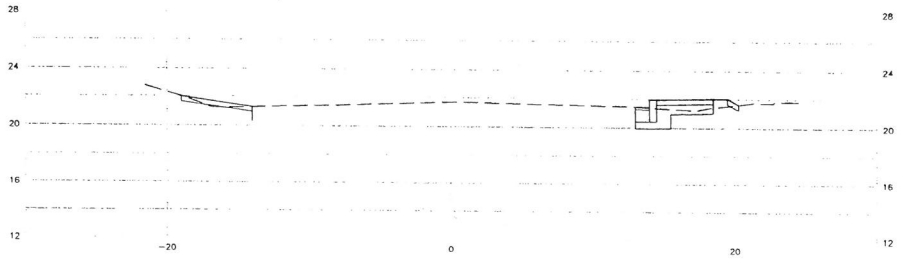
MIDDLETOWN RHODE ISLAND

CROSS SECTION

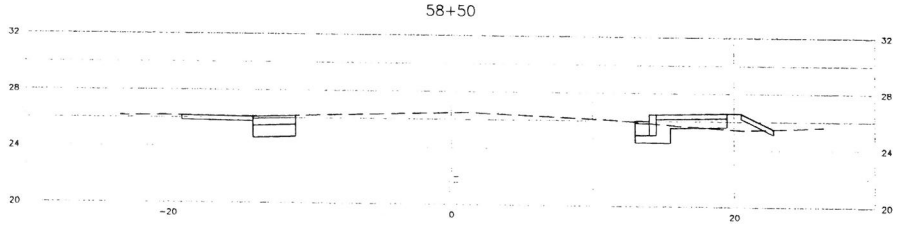
XXXXX_V1_XSECTION

BID NUMBER	SHEET NO.	TOTAL SHEETS
x	25	38

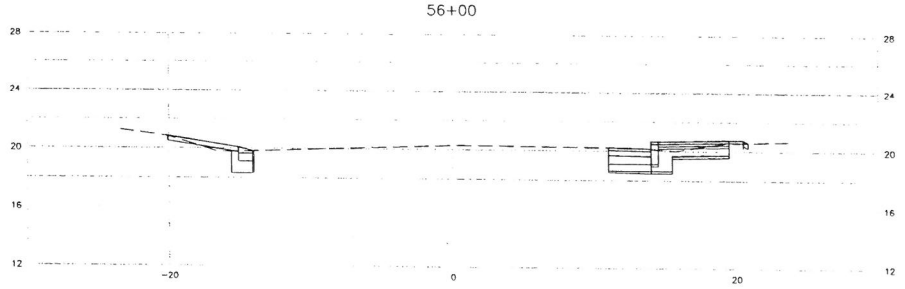
56+50



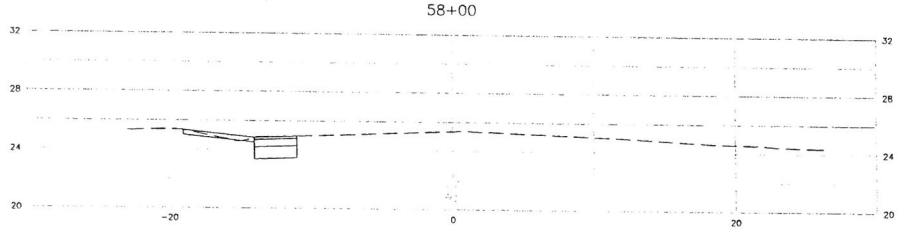
58+50



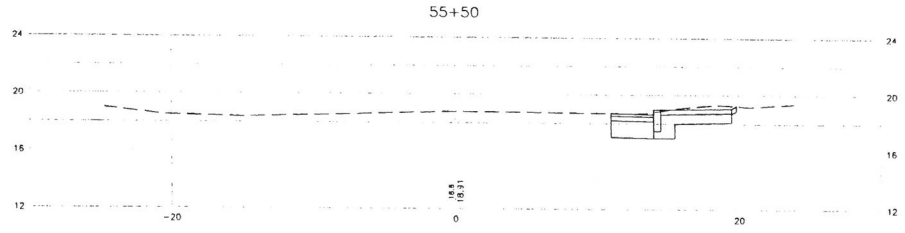
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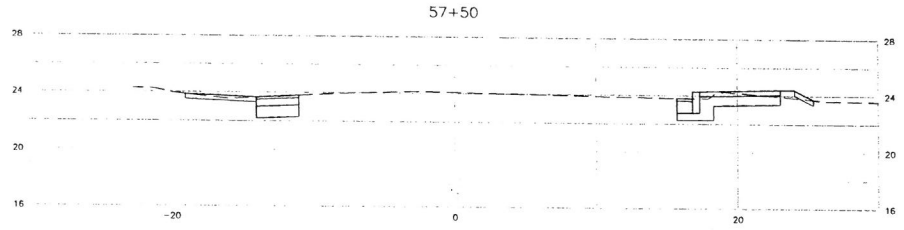
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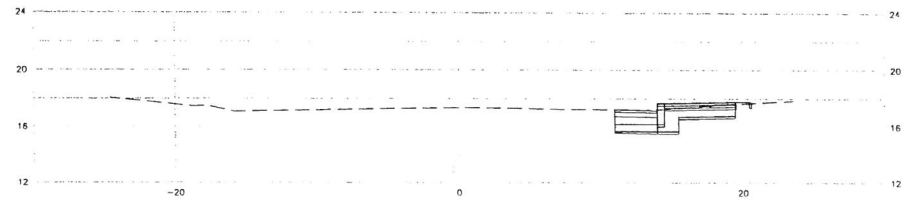
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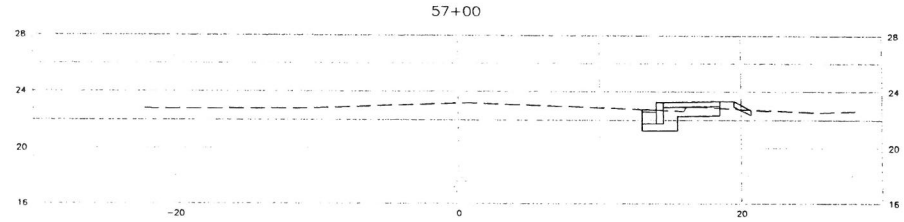
57+50



55+00



57+00



vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 25
OF: 38

SCALE: 1"=4'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

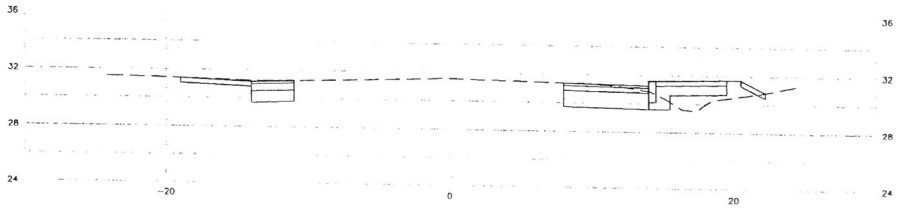
MIDDLETOWN RHODE ISLAND

CROSS SECTION

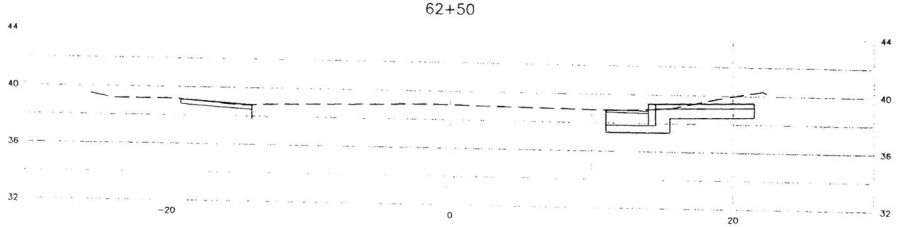
XXXXX_V1_XSECTION

BID NUMBER	SHEET NO.	TOTAL SHEETS
x	27	36

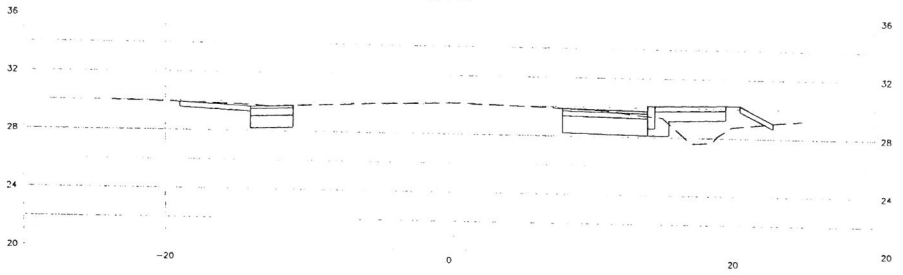
60+50



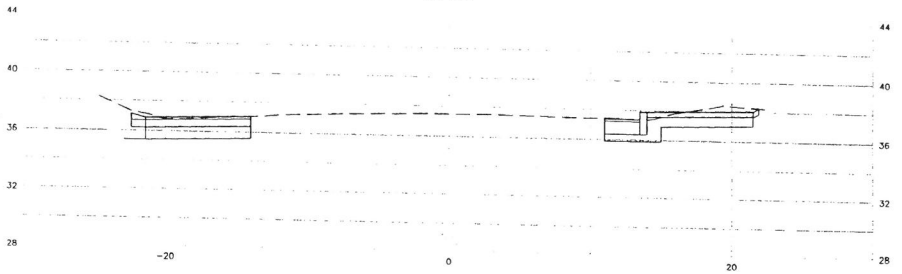
62+50



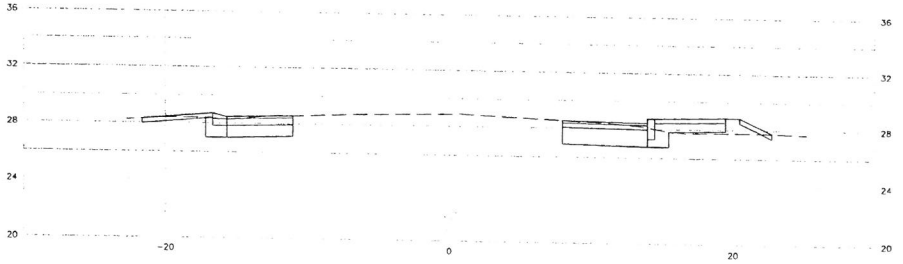
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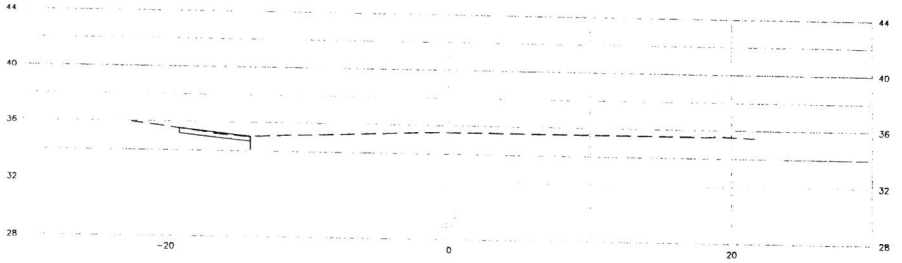
62+00



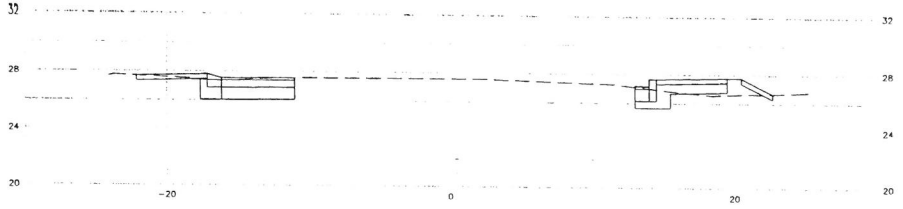
59+50



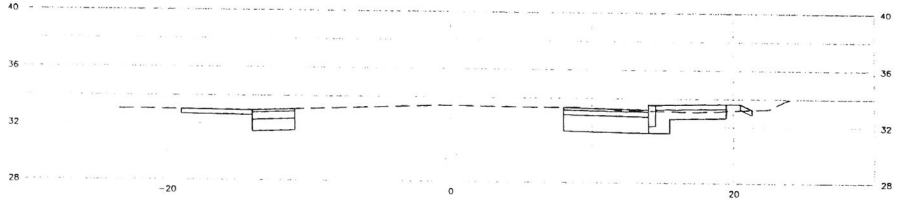
61+50



59+00



61+00



vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 27
OF: 36

SCALE: 1"=4'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

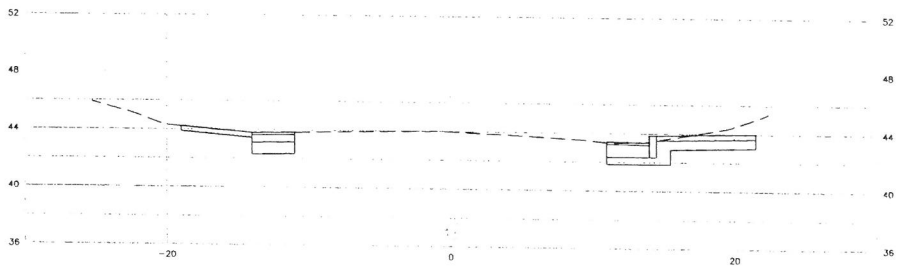
MIDDLETOWN RHODE ISLAND

CROSS SECTION

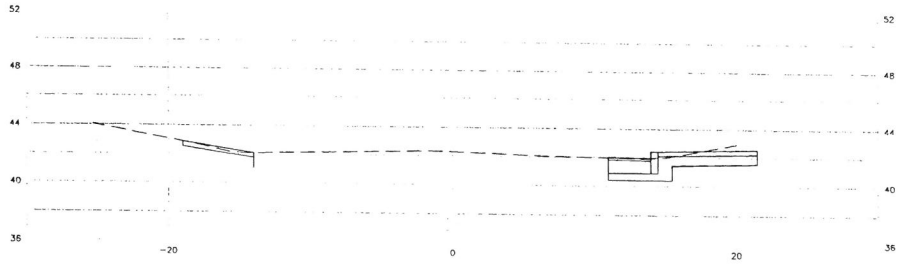
XXXXX_V1_XSECTION

BID NUMBER	SHEET NO.	TOTAL SHEETS
X	28	36

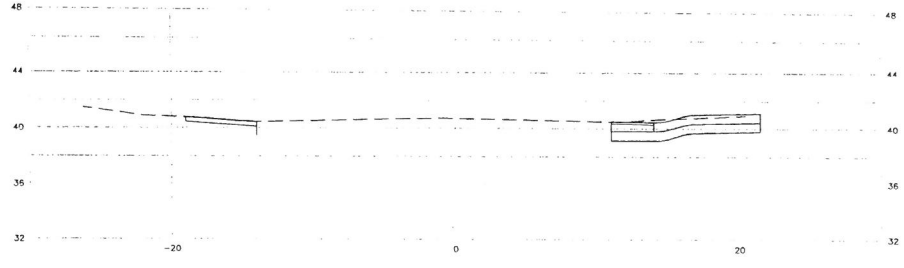
64+00



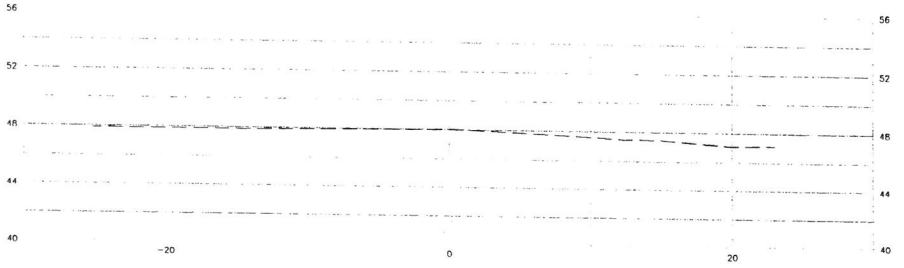
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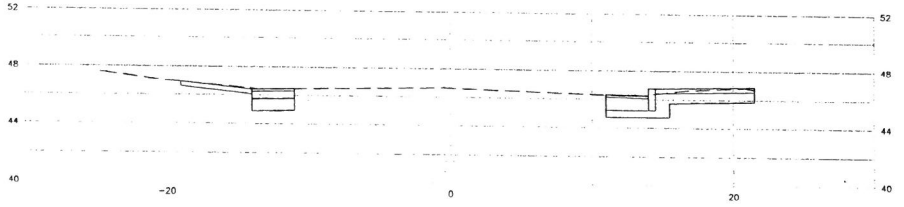
63+00



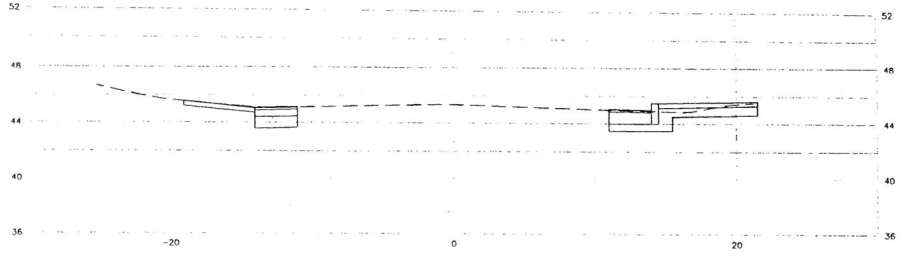
65+50



65+00



64+50



vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 29
OF: 36

SCALE: 1"=4'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

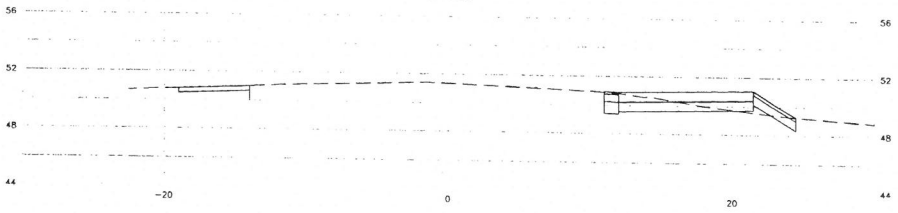
MIDDLETOWN RHODE ISLAND

CROSS SECTION

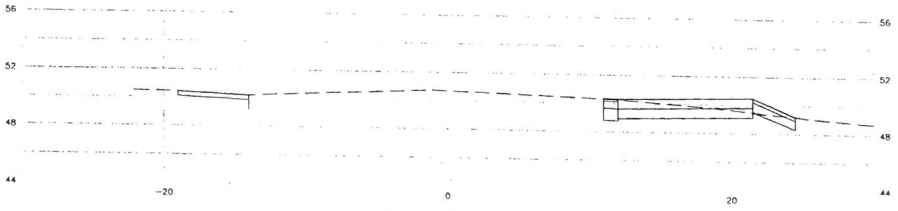
XXXXX_V1_XSECTION

BID NUMBER	SHEET NO.	TOTAL SHEETS
x	29	36

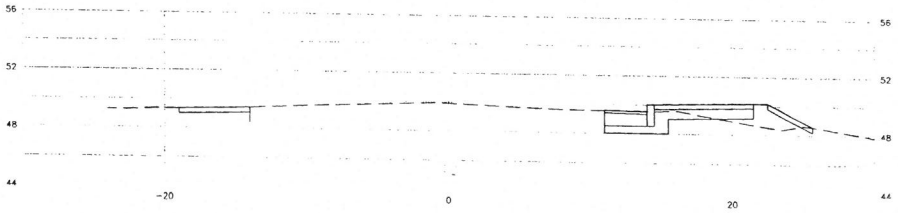
67+50



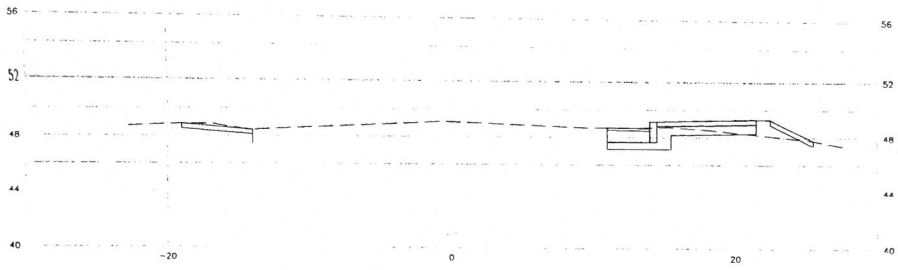
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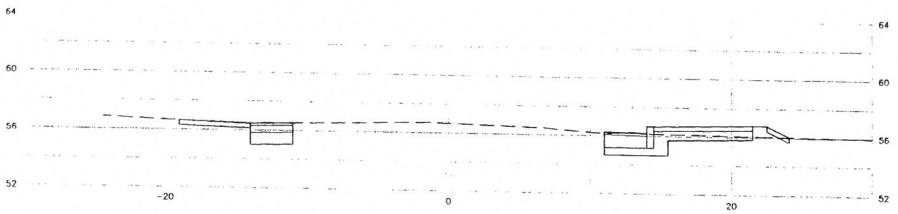
66+50



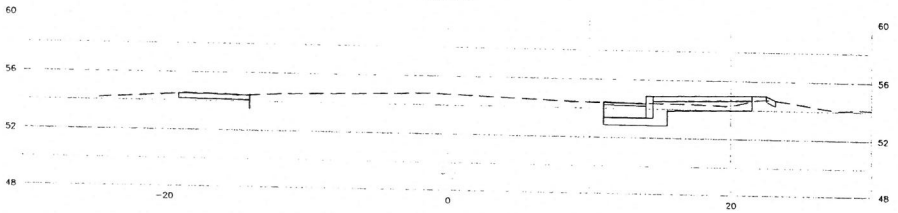
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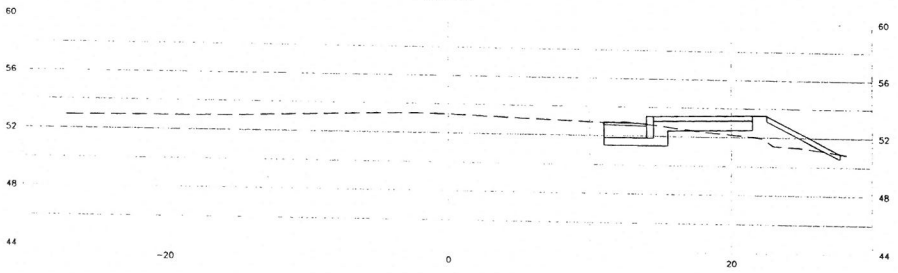
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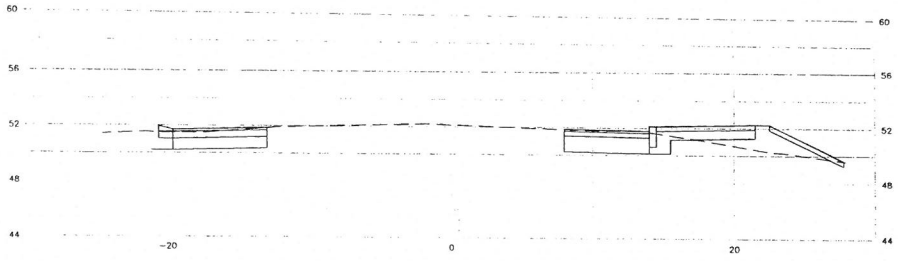
69+00



68+50



68+00



vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 29
OF: 36

SCALE: 1"=4'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

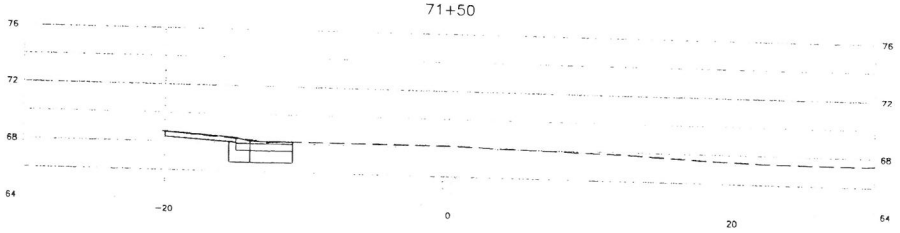
MIDDLETOWN RHODE ISLAND

CROSS SECTION

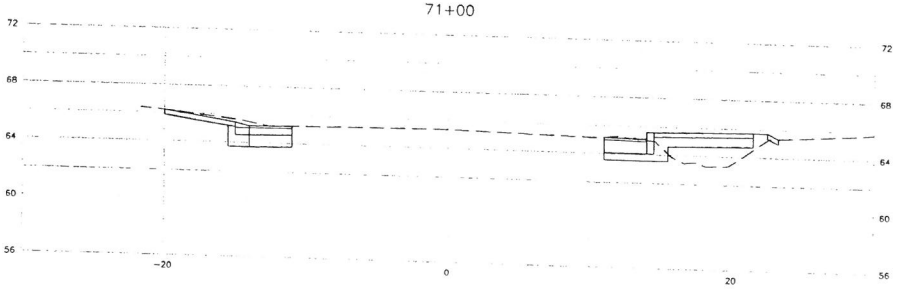
XXXXX_V1_XSECTION

BID NUMBER	SHEET NO.	TOTAL SHEETS
x	30	36

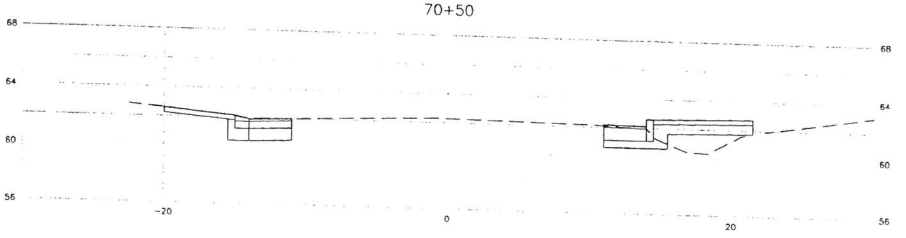
71+50



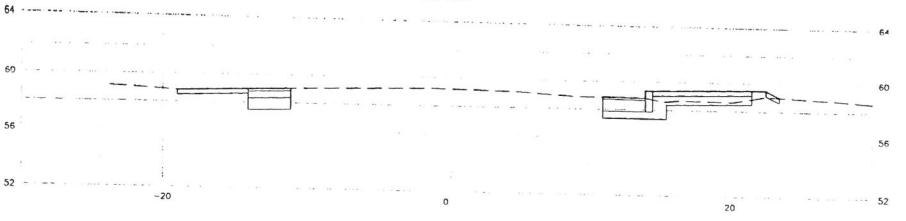
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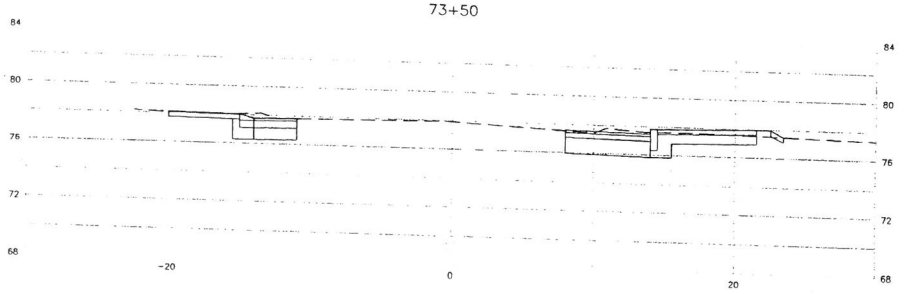
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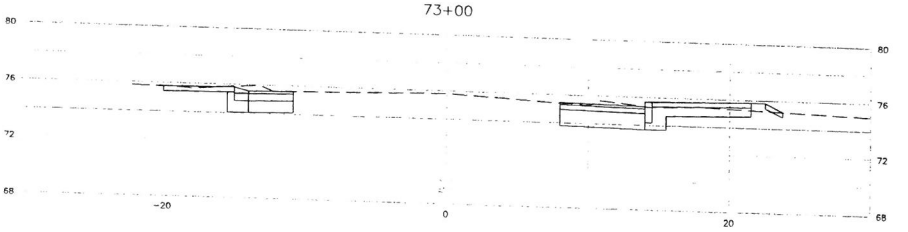
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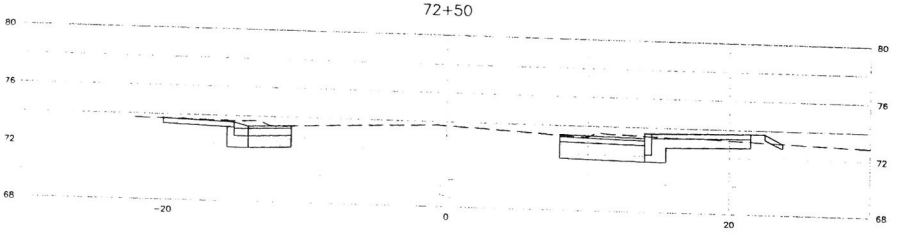
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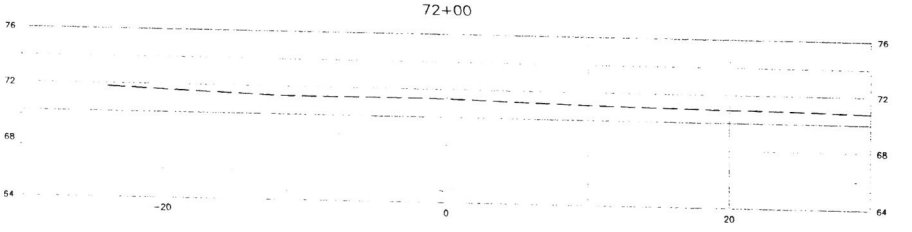
73+00



72+50



72+00



vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 30
OF: 36

SCALE: 1"=4'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

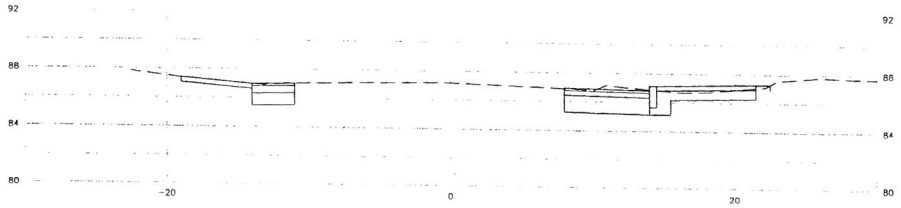
MIDDLETOWN RHODE ISLAND

CROSS SECTION

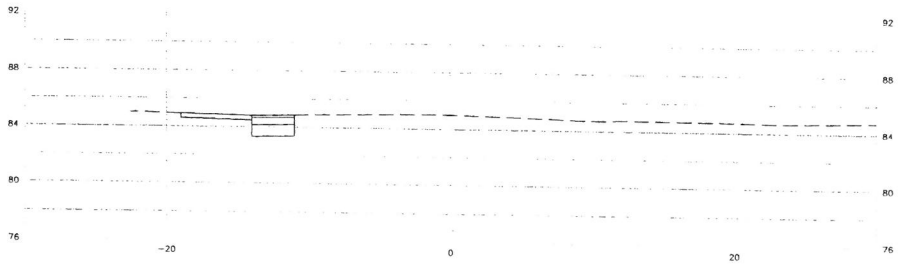
XXXXX_V1_XSECTION

BID NUMBER	SHEET NO.	TOTAL SHEETS
x	31	36

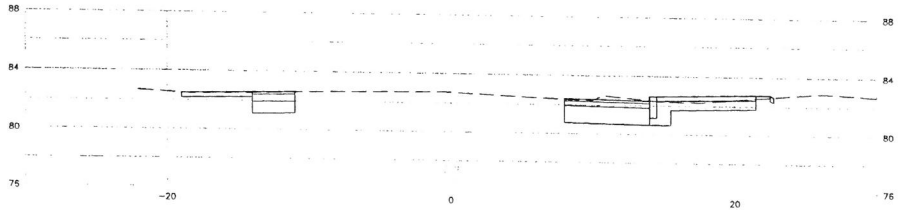
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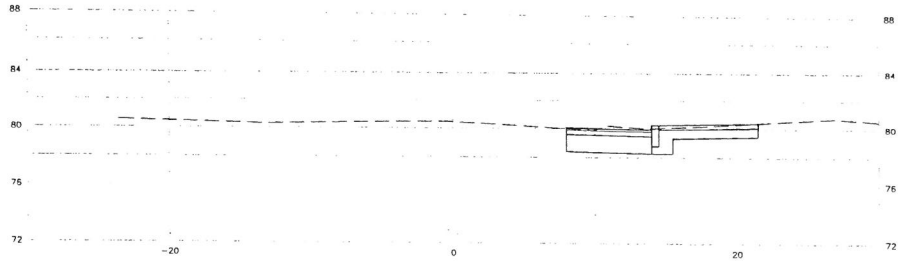
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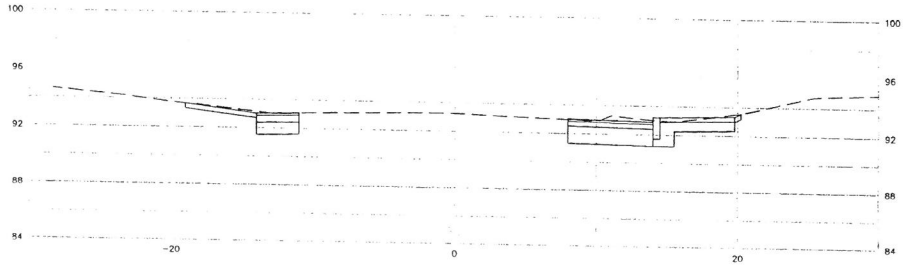
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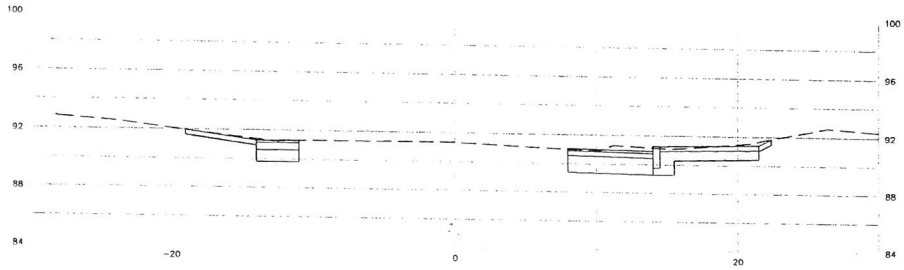
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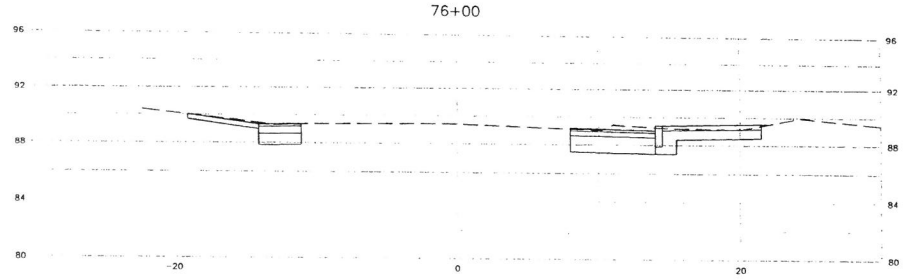
77+00



76+50



76+00



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1 Cedar Street
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401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
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OF: 36

SCALE: 1"=4'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

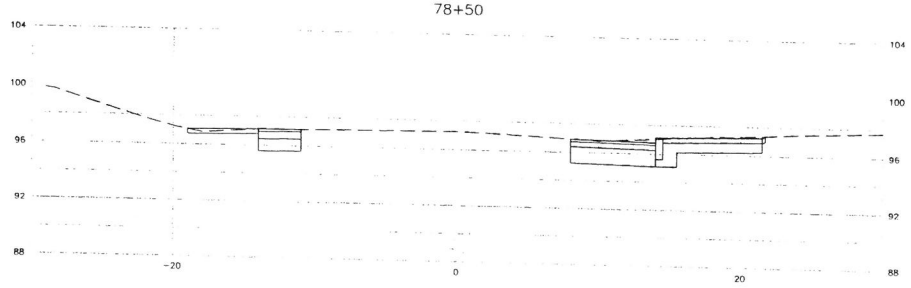
MIDDLETOWN RHODE ISLAND

CROSS SECTION

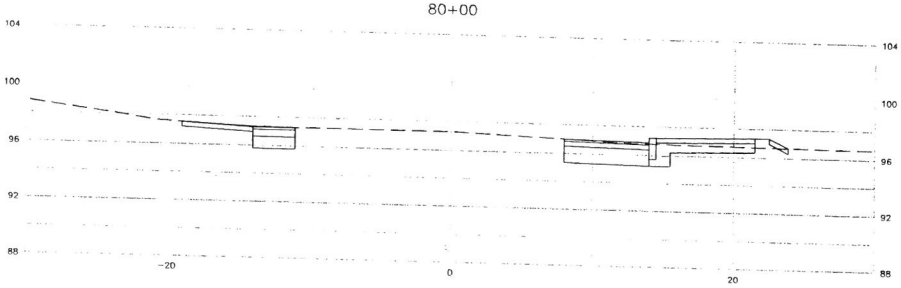
XXXXX_V1_XSECTION

BID NUMBER	SHEET NO.	TOTAL SHEETS
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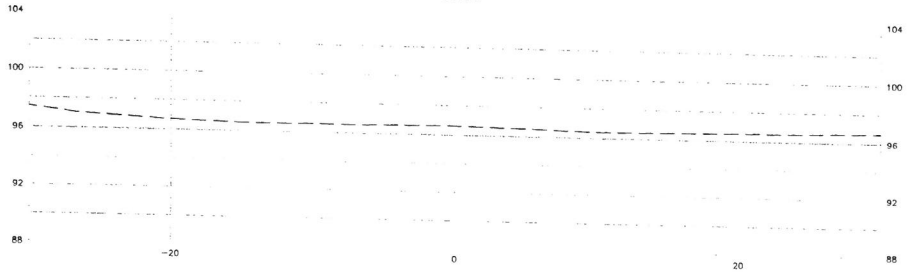
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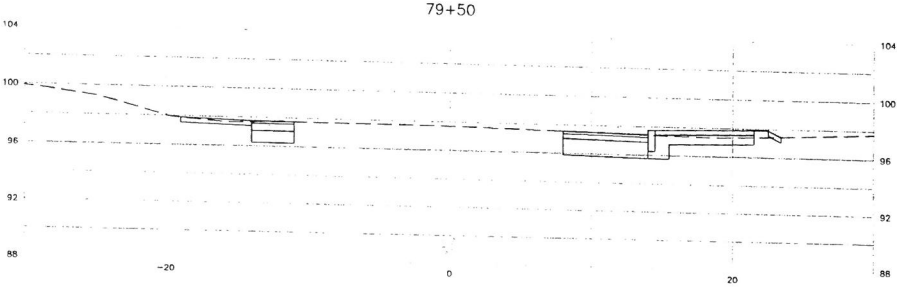
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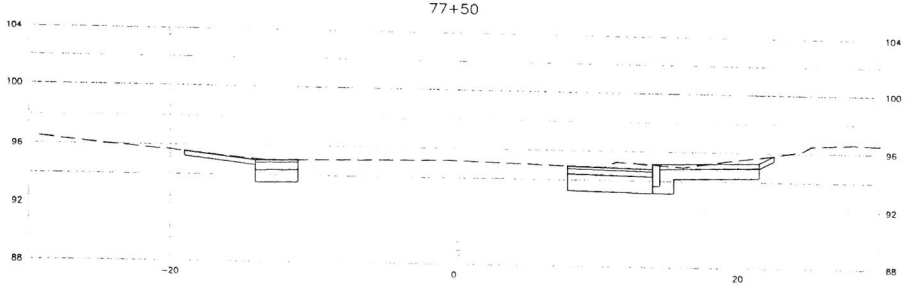
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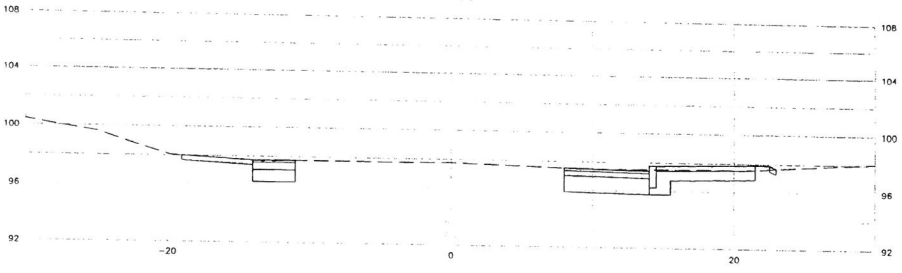
79+50



77+50



79+00



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1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 32
OF: 36

SCALE: 1"=4'

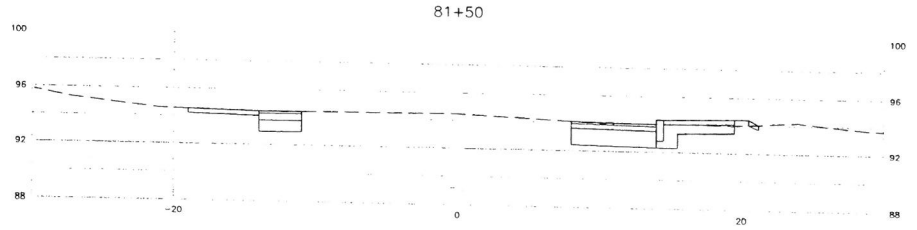
REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

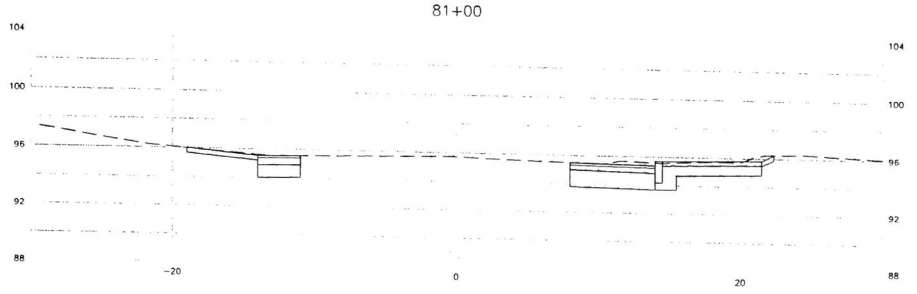
PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

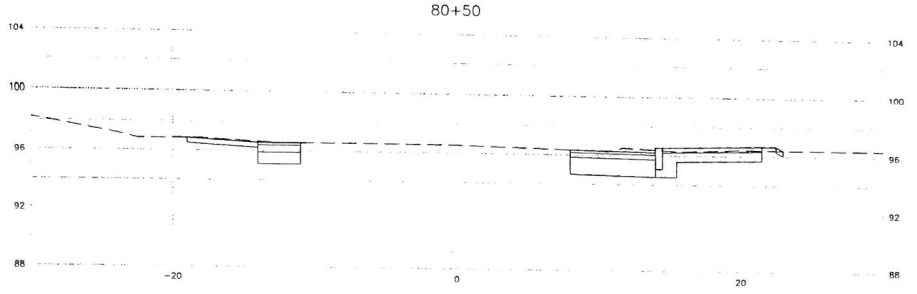
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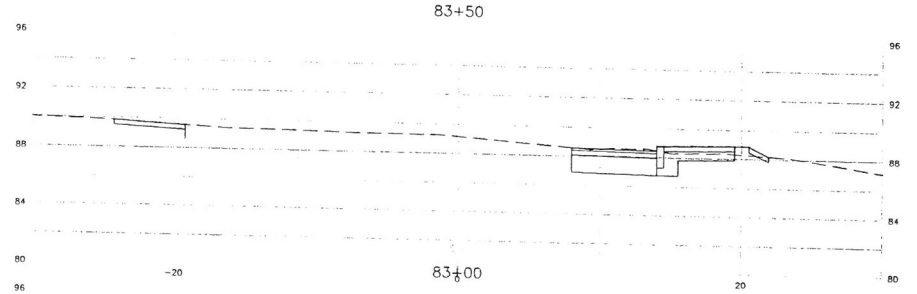
XXXXX_V1_XSECTION

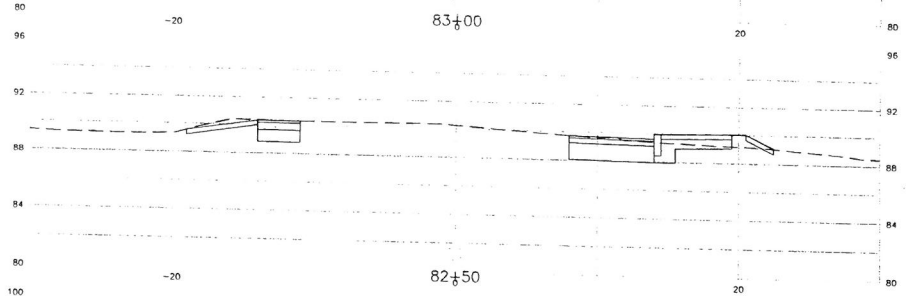
BID NUMBER	SHEET NO.	TOTAL SHEETS
X	33	36

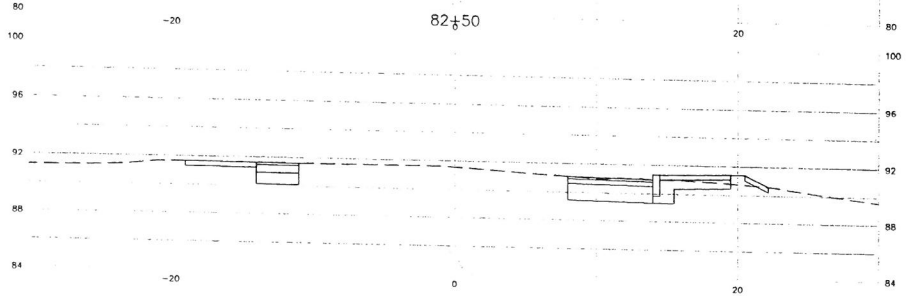


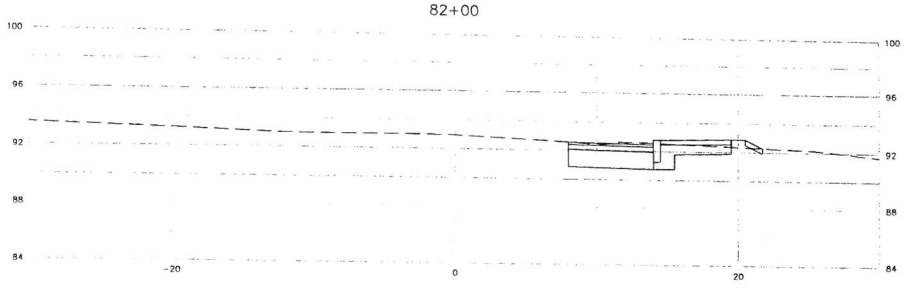












vhb
1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 33
OF: 36

SCALE: 1"=4'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

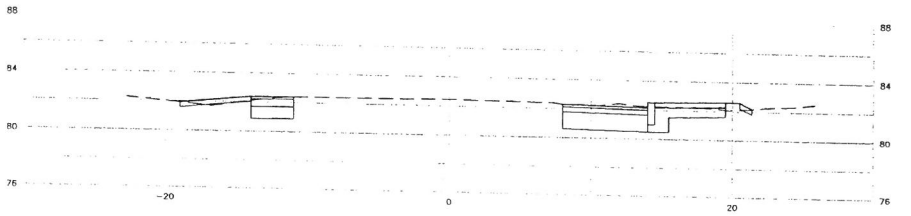
MIDDLETOWN RHODE ISLAND

CROSS SECTION

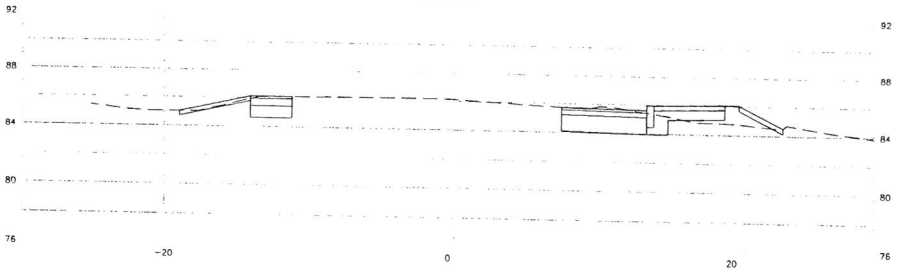
XXXXX_V1_XSECTION

BID NUMBER	SHEET NO.	TOTAL SHEETS
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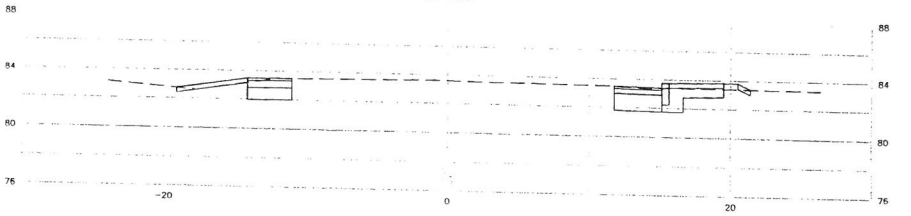
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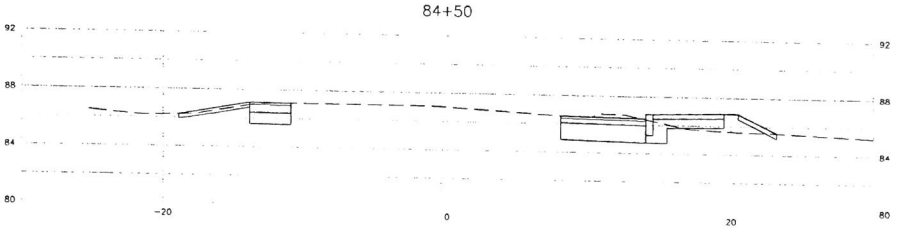
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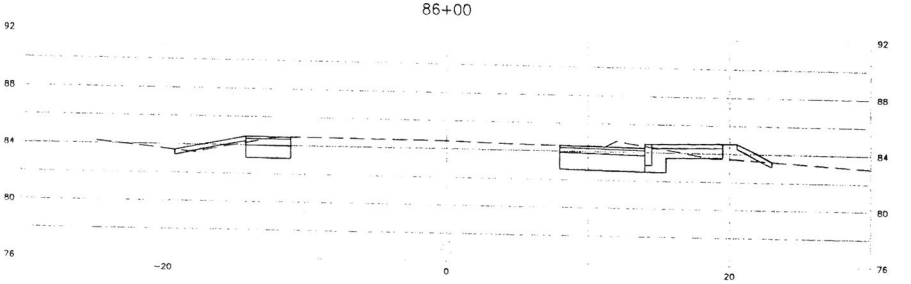
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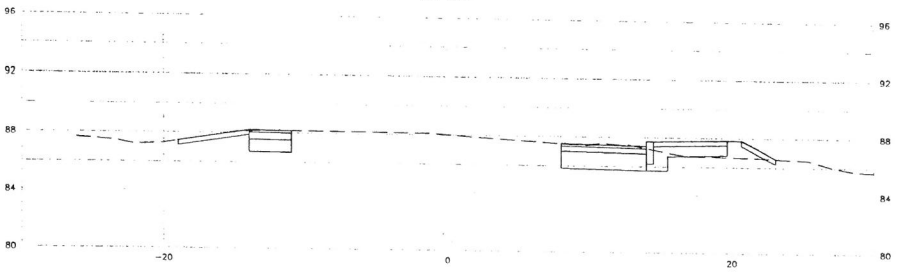
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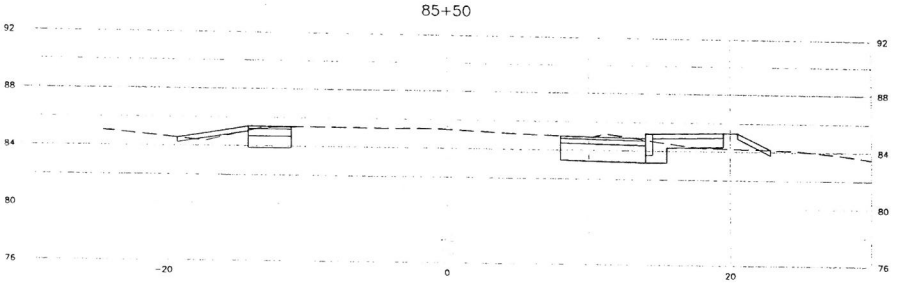
86+00



84+00



85+50



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1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 34
OF: 36

SCALE: 1"=4'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS

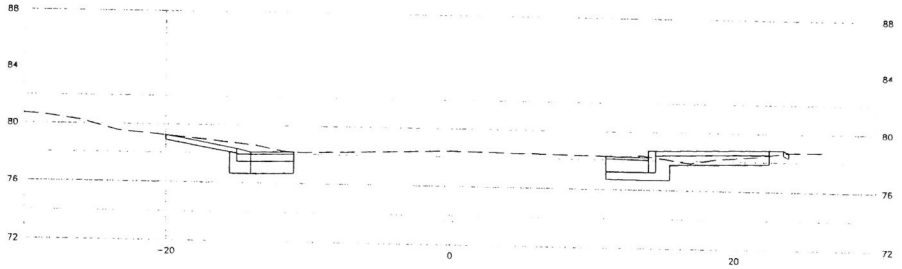
MIDDLETOWN RHODE ISLAND

CROSS SECTION

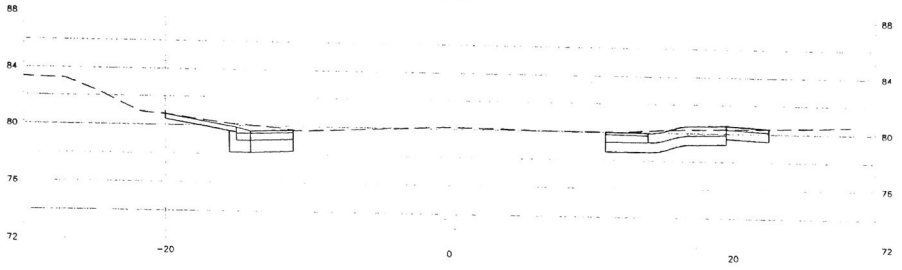
XXXXX_V1_XSECTION

BID NUMBER	SHEET NO.	TOTAL SHEETS
X	35	36

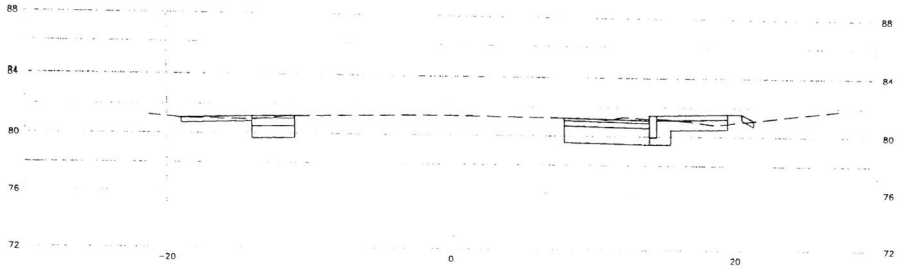
88+50



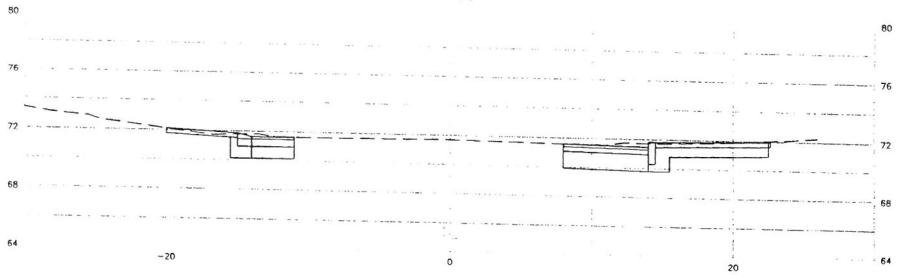
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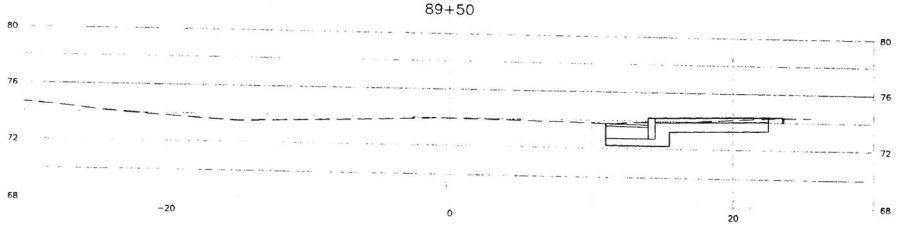
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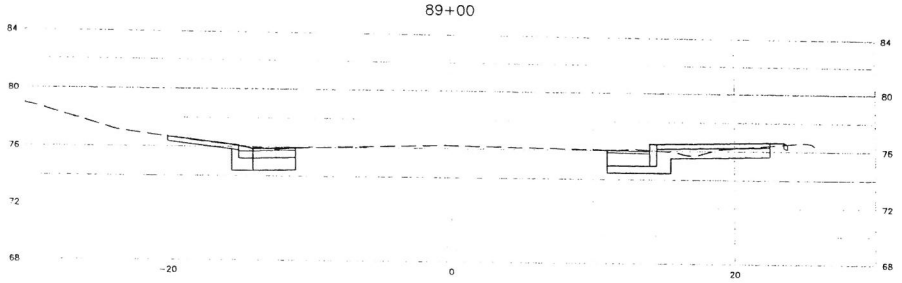
90+00



89+50



89+00



1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

TOWN OF
MIDDLETOWN

DESIGNED BY:
CHECKED BY:
DATE:
SHEET: 35
OF: 36

SCALE: 1" = 4'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

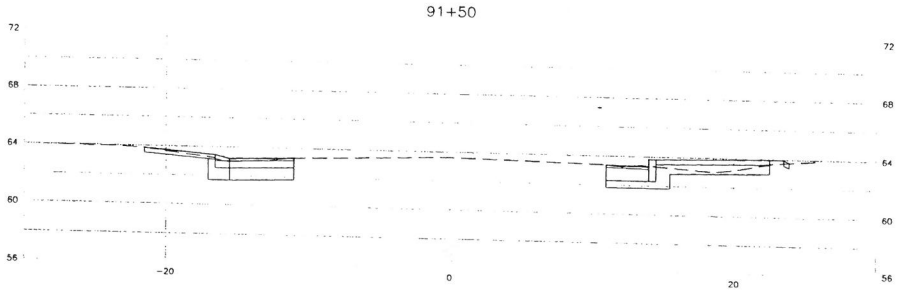
PURGATORY ROAD SIDEWALK IMPROVEMENTS

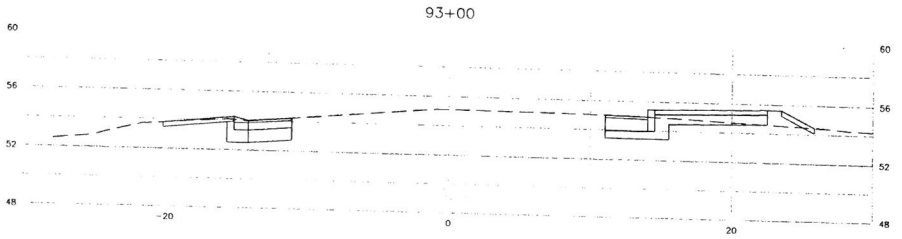
MIDDLETOWN RHODE ISLAND

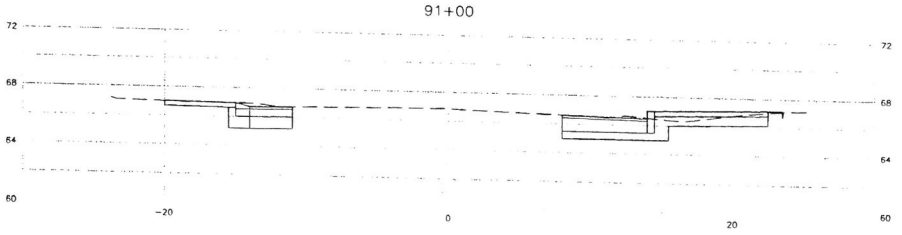
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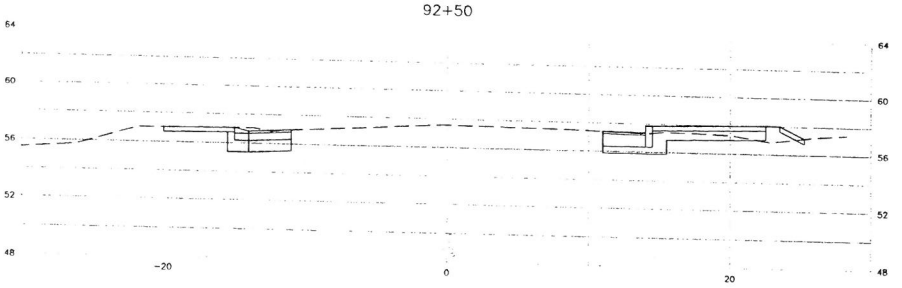
XXXXX_V1_XSECTION

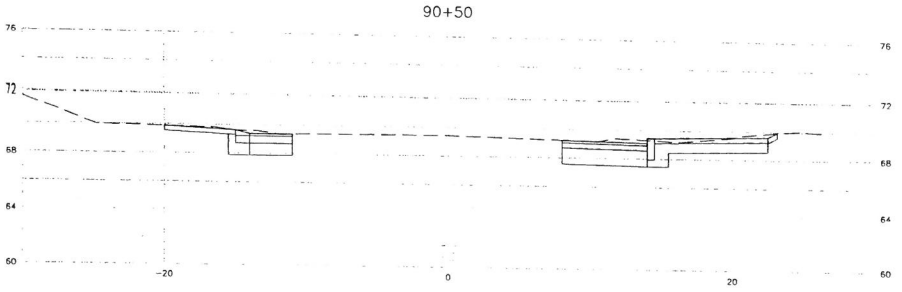
BID NUMBER	SHEET NO.	TOTAL SHEETS
X	36	36

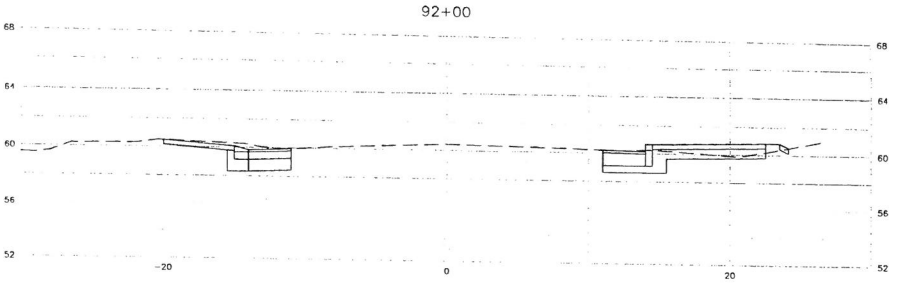












1 Cedar Street
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TOWN OF
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OF: 36

SCALE: 1"=4'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

PURGATORY ROAD SIDEWALK IMPROVEMENTS
MIDDLETOWN RHODE ISLAND

CROSS SECTION

XXXXX_V1_XSECTION

MIDDLETOWN
Rhode Island

NOTICE
Town of Middletown
Public Hearing

Purgatory Road Sidewalk

February 7, 2022 at 6:30pm

Town Council Chambers, 350 East Main Road
Middletown, RI 02842

The Town Council will hold a public hearing during its February 7, 2022 meeting, 6:30pm, to review and consider approval of the 30% design plans for the proposed Purgatory Road sidewalk. Comments and questions from the public will be addressed.

The latest plans and other information regarding the project are available at: https://middletownri.com/746/Purgatory-Rd-Sidewalk The project will result in installation of a concrete sidewalk on the south side of Purgatory Road, with the paved roadway consisting of two 10-foot wide travel lanes and two 4-foot shoulders.

Remote access for this hearing is also provided via Zoom or telephone using the following: Zoom link - https://us02web.zoom.us/j/83150116458 Or Telephone: 1-888 475 4499 (Toll Free), Webinar ID: 831 5011 6458

Please contact the Planning Department at (401) 849-4027 or rwolanski@middletownri.com with questions or to schedule an appointment to view and discuss the plans.