NEWTOWN ROAD IMPROVEMENTS

THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DATED 2026, THE 2024 PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG), THE JANUARY 2026 MASSDOT CONSTRUCTION STANDARD DETAILS, THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, THE 1996 CONSTRUCTION AND TRAFFIC STANDARD DETAILS (AS RELATED TO TRAFFIC STANDARD DETAILS ONLY), MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, THE 2023 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES WITH MASSACHUSETTS AMENDMENTS, THE 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, WILL GOVERN.

TOWN OF NANTUCKET, MA

FINAL DESIGN SUBMISSION

OCTOBER 2026

TOWN OF NANTUCKET
DEPARTMENT OF PUBLIC WORKS

188 MADAKET ROAD
NANTUCKET, MA 02554

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TOWN OF NANTUCKET · MASS. · INCORPORATED 1671

COMMONWEALTH OF MASSACHUSETTS
BENNY L. HUNG
CIVIL
No. 46122
REGISTERED PROFESSIONAL ENGINEER
10/16/26

APEX

VICINITY MAP
1" = 400'

GENERAL SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
JB	JB	JERSEY BARRIER
CB	CB	CATCH BASIN
		CATCH BASIN CURB INLET
FP	FP	FLAG POLE
		GAS PUMP
MB	MB	MAIL BOX
		POST SQUARE
EHH	EHH	ELECTRIC HANDHOLE
		FENCE GATE POST
GG	GG	GAS GATE
BHL #		BORING HOLE
		HYDRANT
		LIGHT POLE
CO.BD.		COUNTY BOUND
		GPS POINT
C	C	CABLE MANHOLE
D	D	DRAINAGE MANHOLE
E	E	ELECTRIC MANHOLE
G	G	GAS MANHOLE
M	M	MISC MANHOLE
S	S	SEWER MANHOLE
T	T	TELEPHONE MANHOLE
W	W	WATER MANHOLE
MHB	MHB	MASSACHUSETTS HIGHWAY BOUND
MON		MONUMENT
SB		STONE BOUND
TB		TOWN OR CITY BOUND
		TRAVERSE OR TRIANGULATION STATION
UFB	UFB	UTILITY POLE W/ FIREBOX
UPDL	UPDL	UTILITY POLE WITH DOUBLE LIGHT
ULT	ULT	UTILITY POLE W / 1 LIGHT
UPL	UPL	UTILITY POLE
		BUSH
SIZE & TYPE		TREE
		STUMP
		SWAMP / MARSH
WG	WG	WATER GATE
PM	PM	PARKING METER
		OVERHEAD CABLE/WIRE
		CURBING
100 99		CONTOURS (ON-THE-GROUND SURVEY DATA)
100 99		CONTOURS (PHOTOGRAMMETRIC DATA)
		UNDERGROUND DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND ELECTRIC DUCT (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND GAS MAIN (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND SEWER MAIN (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND TELEPHONE DUCT (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND WATER MAIN (DOUBLE LINE 24 INCH AND OVER)
		BALANCED STONE WALL
x	x	CHAIN LINK OR METAL FENCE
		WOOD FENCE
		HAY BALES/SILT FENCE
		TREE LINE
		SAWCUT LINE
		LIMIT OF DISTURBANCE (TOP OR BOTTOM OF SLOPE)
		LIMIT OF EDGE OF PAVEMENT OR COLD PLANE AND OVERLAY
		BANK OF RIVER OR STREAM
		BORDER OF WETLAND
		100 FT WETLAND BUFFER
		200 FT RIVERFRONT BUFFER
		STATE HIGHWAY LAYOUT
		TOWN OR CITY LAYOUT
		COUNTY LAYOUT
		RAILROAD SIDELINE
		TOWN OR CITY BOUNDARY LINE
		PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		EASEMENT

TRAFFIC SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
1	1	CONTROLLER PHASE ACTUATED
		TRAFFIC SIGNAL HEAD (SIZE AS NOTED)
		WIRE LOOP DETECTOR (6' x 6' TYP UNLESS OTHERWISE SPECIFIED)
		VIDEO DETECTION CAMERA
		MICROWAVE DETECTOR
		PEDESTRIAN PUSH BUTTON, SIGN (DIRECTIONAL ARROW AS SHOWN) AND SADDLE
	*	EMERGENCY PREEMPTION CONFIRMATION STROBE LIGHT
		VEHICULAR SIGNAL HEAD
		VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED
		FLASHING BEACON
		PEDESTRIAN SIGNAL HEAD, (TYPE AS NOTED OR AS SPECIFIED)
RRSG	RRSG	RAILROAD SIGNAL
OR		SIGNAL POST AND BASE (ALPHA-NUMERIC DESIGNATION NOTED)
	20'	MAST ARM, SHAFT AND BASE (ARM LENGTH AS NOTED)
		HIGH MAST POLE OR TOWER
		SIGN AND POST
		SIGN AND POST (2 POSTS)
	20'	MAST ARM WITH LUMINAIRE
		OPTICAL PRE-EMPTION DETECTOR
		CONTROL CABINET, GROUND MOUNTED
		CONTROL CABINET, POLE MOUNTED
		FLASHING BEACON CONTROL AND METER PEDESTAL
		LOAD CENTER ASSEMBLY
		PULL BOX 12"x12" (OR AS NOTED)
		ELECTRIC HANDHOLE 12"x24" (OR AS NOTED)
		TRAFFIC SIGNAL CONDUIT

PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		PAVEMENT ARROW - WHITE
ONLY	ONLY	LEGEND "ONLY" - WHITE
	SL	STOP LINE
	CW	CROSSWALK
	SWL	SOLID WHITE LINE
	SYL	SOLID YELLOW LINE
	BWL	BROKEN WHITE LINE (10' LINE SEGMENT WITH 30' GAPS)
	BYL	BROKEN YELLOW LINE (10' LINE SEGMENT WITH 30' GAPS)
	DWL	DOTTED WHITE LINE (3' LINE SEGMENT WITH 9' GAPS)
	DYL	DOTTED YELLOW LINE (3' LINE SEGMENT WITH 9' GAPS)
	DWLEx	DOTTED WHITE LINE EXTENSION (2' LINE SEGMENT WITH 6' GAPS)
	DYLEx	DOTTED YELLOW LINE EXTENSION (2' LINE SEGMENT WITH 6' GAPS)
	DWREL	12" WIDE DOTTED WHITE ROUNDABOUT ENTRY LINE (2' LINE SEGMENT WITH 2' GAPS)
	DBWL	DOUBLE WHITE LINE
	DBYL	DOUBLE YELLOW LINE

ABBREVIATIONS - GENERAL

AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADJ	ADJUST
APPROX.	APPROXIMATE
BIT.	BITUMINOUS
BC	BOTTOM OF CURB
BD.	BOUND
BL	BASELINE
BLDG	BUILDING
BM	BENCHMARK
BO	BY OTHERS
BOS	BOTTOM OF SLOPE
BS	BARE STEEL
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CEM	CEMENT
CI	CURB INLET
CIP	CAST IRON PIPE
C.I.T.	CHANGE IN TYPE
CLF	CHAIN LINK FENCE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CRW	CONCRETE RETAINING WALL
CSP	CORRUGATED STEEL PIPE
CO.	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
CONST	CONSTRUCTION
CV	CONTROL VALVE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DMH	DRAIN MANHOLE
DSMH	DEEP SUMP MANHOLE
DW	STEADY DON'T WALK
DWY	DRIVEWAY
ELEV (or EL.)	ELEVATION
EOP	EDGE OF PAVEMENT
EXIST (or EX)	EXISTING
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FLDSTN	FIELDSTONE
GAR	GARAGE
GD	GROUND
GG	GAS GATE
GI	GUTTER INLET
HMA	HOT MIX ASPHALT
HOR	HORIZONTAL
HYD	HYDRANT
INV	INVERT
L	LENGTH OF CURVE
LB	LEACHING BASIN
LOD	LIMIT OF DISTURBANCE
LP	LIGHT POLE
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MHB	MASSACHUSETTS HIGHWAY BOUND
MIN	MINIMUM
NIC	NOT IN CONTRACT
NO.	NUMBER
PBS	PRINT BOTH SIDES
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCR	PEDESTRIAN CURB RAMP
P.G.L.	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
PKF	PICKET FENCE
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVATURE
PRF	POST AND RAIL FENCE

ABBREVIATIONS - GENERAL

PROJ	PROJECT
PROP	PROPOSED
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PVMT	PAVEMENT
PWW	PAVED WATER WAY
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
RCP	REINFORCED CONCRETE PIPE
REM	REMOVE
RET	RETAIN
RET WALL	RETAINING WALL
ROW	RIGHT OF WAY
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RT	RIGHT
SB	STONE BOUND
SHLDR	SHOULDER
SMH	SEWER MANHOLE
ST	STEEL
STA	STATION
SSD	STOPPING SIGHT DISTANCE
SHLO	STATE HIGHWAY LAYOUT LINE
SMRW	STONE MASONRY RETAINING WALL
SRW	STONE RETAINING WALL
SUP	SHARED USE PATH
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE/TRUCK %
TAN	TANGENT
TEMP	TEMPORARY
TC	TOP OF CURB
TOS	TOP OF SLOPE
TYP	TYPICAL
UGE	UNDERGROUND ELECTRIC
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
VCC	VERTICAL CONCRETE CURB
VGC	VERTICAL GRANITE CURB
WG	WATER GATE
WI	WROUGHT IRON
WIF	WROUGHT IRON FENCE
WIP	WROUGHT IRON PIPE
WM	WATER METER

TOWN OF NANTUCKET, MASS. INCORPORATED 1971

APEX

MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

ROADWAY IMPROVEMENTS ALONG NEWTOWN ROAD NANTUCKET, MASSACHUSETTS

LEGEND & ABBREVIATIONS

Sheet No. 02

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\02_LEG-ABB.dwg Plot Date: Sep 30,2024-5:10pm

SURVEY NOTES:

1. TOPOGRAPHIC AND DETAIL INFORMATION SHOWN HEREON ARE BASED UPON AN ON THE GROUND SURVEY PERFORMED BY MERRILL ENGINEERS AND LAND SURVEYORS DURING FEBRUARY OF 2023.
2. ALL ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.
3. THE HORIZONTAL DATUM OF THIS SURVEY IS MA ISLAND STATE PLANE GRID, NAD 1983.
4. EXISTING UTILITIES, WHERE SHOWN, HAVE BEEN COMPILED BASED ON OBSERVED ABOVE GROUND EVIDENCE AND AVAILABLE RECORD PLANS AND ARE TO BE CONSIDERED APPROXIMATE. MERRILL ENGINEERS AND LAND SURVEYORS DOES NOT GUARANTEE THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN OR THAT ALL EXISTING UTILITIES AND/OR SUBSURFACE STRUCTURES ARE SHOWN.
5. PROPERTY BOUNDARIES SHOWN HEREON ARE BASED ON RESEARCH COMPLETED AT THE NANTUCKET REGISTRY OF DEEDS. OTHER RIGHTS, RESTRICTIONS AND EASEMENTS MAY EXIST THAT WOULD BE IDENTIFIED WITH A TITLE EXAMINATION OF THE PARCELS.

GENERAL CONSTRUCTION NOTES:

1. CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE FOLLOWING: THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES LATEST EDITION, AS AMENDED, THE SUPPLEMENTAL SPECIFICATIONS DATED MARCH 31, 2024,THE OCTOBER 2017 CONSTRUCTION STANDARD DETAILS, THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, THE 2015 OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS WITH MASSACHUSETTS AMENDMENTS, THE 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.
2. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TRAFFIC CONTROL DEVICES AS NECESSARY AND IN ACCORDANCE WITH THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION WITH ALL REVISIONS.
3. ALL WORK SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT OF 1990 (ADA) AND SECTION 504 OF THE REHABILITATION ACT OF 1973, SPECIFICALLY THE ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION, WITH ALL REVISIONS, AT A MINIMUM AND THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) WHERE POSSIBLE.
4. THE CONTRACTOR SHALL VERIFY THAT ALL POTENTIAL OBSTRUCTIONS HAVE BEEN ADDRESSED IN THE PLANS INCLUDING, BUT NOT LIMITED TO FOUNDATIONS, SIGNS, MAILBOXES, UTILITY POLES, AND HYDRANTS SO THEY ARE LOCATED TO PROVIDE THIS MINIMUM PATH OF TRAVEL CLEARANCE AND A MINIMUM 18" TYPICAL CLEARANCE TO THE FACE OF CURB OR 12" MIN. CLEARANCE WHERE 18" IS NOT FEASIBLE OR PRACTICAL. NO UTILITY POLES OR OBSTRUCTIONS ARE PERMITTED WITHIN PEDESTRIAN CURB RAMPS.
5. THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED HEREIN USING NEW MATERIALS OR WHERE APPLICABLE, REUSING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET" (R&R), ALL OTHER MATERIALS SHALL BE "REMOVED AND DISCARDED" (R&D) OR DISPOSED OF OFF SITE WITH THE EXCEPTION OF MATERIALS LABELED AS "REMOVED AND STACKED" (R&S) WHICH SHALL BE TRANSPORTED AND STACKED AT A LOCATION DESIGNATED BY THE OWNER AND OR ENGINEER.
6. THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, PAY ALL FEES, AND POST ALL BONDS, IF NECESSARY, ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE OWNER AND THE ENGINEER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ORDER ALL POLICE DETAILS WITH THE APPROVAL OF THE OWNER, HOWEVER THE OWNER WILL PAY FOR THEM DIRECTLY.
7. THE CONTRACTOR SHALL NOT STORE ANY APPARATUS, MATERIALS, SUPPLIES, OR EQUIPMENT ON DRAINAGE STRUCTURES, PRIVATE PROPERTY, DRIP LINE OF TREES, OR WITHIN 100 FEET OF WETLANDS, UNLESS DIRECTED TO DO SO BY THE CONTRACT DOCUMENTS.
8. ALL EXISTING CONDITIONS SHOWN ARE APPROXIMATE AND ARE BASED ON THE BEST INFORMATION AVAILABLE. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLING ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED.
9. THE CONTRACTOR SHALL NOT SCALE DRAWINGS UNLESS OTHERWISE NOTED. WRITTEN DIMENSIONS SHALL PREVAIL. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
10. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY IN THE TOWN, AND "DIGSAFE" (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK IN PREVIOUSLY UNALTERED AREAS TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR MUST RESOLVE CONFLICTS BETWEEN THE PROPOSED UTILITIES AND FIELD-LOCATED UTILITIES AND REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED, INCOMPLETELY OR INACCURATELY SHOWN. THE CONTRACTOR MUST MAINTAIN ACCURATE RECORDS OF THE LOCATION AND ELEVATION OF ALL WORK INSTALLED AND EXISTING UTILITIES FOUND DURING CONSTRUCTION FOR THE PREPARATION OF THE AS-BUILT PLAN.
11. THE CONTRACTOR SHALL COORDINATE ALL ARRANGEMENTS FOR THE ALTERATION AND OR ADJUSTMENT OF ELECTRIC, TELEPHONE, GAS AND ANY OTHER PRIVATE UTILITY.
12. SHOULD AN EXISTING UTILITY BE FOUND TO BE IN CONFLICT WITH THE PROPOSED WORK, THE LOCATION, SIZE AND TYPE SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND OR ENGINEER FOR RESOLUTION OF THE CONFLICT.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING OR REMODELING ALL DRAINAGE, WATER, OR SEWER STRUCTURES TO THE FINISHED ELEVATION, WITHIN THE LIMITS OF THE PROJECT, UNLESS OTHERWISE NOTED.
14. THE CONTRACTOR SHALL PERFORM TEST PITS AT LOCATIONS SHOWN ON PLAN AND AS DIRECTED BY THE OWNER AND OR ENGINEER.
15. ALL WORK TO COMPLETE THIS PROJECT AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
16. THE CONTRACTOR MUST MAINTAIN ALL EXISTING UTILITIES IN WORKING ORDER AND FREE FROM DAMAGE DURING THE ENTIRE DURATION OF THE PROJECT AND REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS RELATED TO THE REPAIR OF UTILITIES. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES MUST BE DONE BY HAND.
17. THE CONTRACTOR SHALL COORDINATE ALL TRENCHING WORK WITHIN ROADWAYS WITH THE PROPER LOCAL & STATE AGENCY. THE CONTRACTOR IS RESPONSIBLE FOR ALL TRENCH SAFETY INCLUDING ANY LOCAL AND/OR STATE PERMITS REQUIRED FOR THE TRENCH WORK. IF THIS WORK IS REQUIRED TO OCCUR OUTSIDE THE AGREED UPON HOURS OF OPERATION FOR THE FACILITY, THE CONTRACTOR MUST PLAN ACCORDINGLY.
18. THE CONTRACTOR SHALL INSTALL ALL UTILITY TRENCH WORK PRIOR TO INSTALLING NEW PAVEMENT AS INDICATED IN THE DRAWINGS.
19. THE CONTRACTOR SHALL IMPORT ONLY CLEAN MATERIAL. MATERIAL FROM AN EXISTING OR FORMER 21E SITE AS DEFINED BY THE MASSACHUSETTS CONTINGENCY PLAN 310 CMR 40.0000 WILL NOT BE ACCEPTED .
20. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH AND MAINTAIN ALL CONTROL POINTS AND BENCHMARKS DURING CONSTRUCTION INCLUDING BENCHMARK LOCATIONS AND ELEVATIONS AT CRITICAL AREAS. COORDINATE WITH THE ENGINEER THE LOCATION OF ALL CONTROL POINTS AND BENCHMARKS.
21. SITE LAYOUT SURVEY REQUIRED FOR CONSTRUCTION MUST BE PROVIDED BY THE CONTRACTOR AND PERFORMED BY A MASSACHUSETTS' REGISTERED PROFESSIONAL LAND SURVEYOR. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE SURVEYOR FOR ALL SITE SURVEY WORK.

GENERAL NOTES CONTINUED:

22. THE CONTRACTOR SHALL MAINTAIN ALL GRADE STAKES SET BY THE SURVEYOR. GRADE STAKES ARE TO REMAIN UNTIL A FINAL INSPECTION OF THE ITEM HAS BEEN COMPLETED BY THE ENGINEER. RE-STAKING OF PREVIOUSLY SURVEYED SITE FEATURES IS THE RESPONSIBILITY (INCLUDING COST) OF THE CONTRACTOR.
23. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SERVICES IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING NOISE, VIBRATION, DUST, SEDIMENTATION CONTAINMENT, AND TRENCH WORK.
24. THE CONTRACTOR SHALL COLLECT SOLID WASTES AND STORE IN A SECURED DUMPSTER. THE DUMPSTER MUST MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS.
25. THE CONTRACTOR SHALL REGULARLY INSPECT THE PERIMETER OF THE PROJECT TO CLEAN UP AND REMOVE LOOSE CONSTRUCTION DEBRIS BEFORE IT LEAVES THE SITE. THE CONTRACTOR MUST PROMPTLY REMOVE ALL DEMOLITION DEBRIS FROM THE SITE TO AN APPROVED DUMP SITE.
26. ALL TRUCKS LEAVING THE SITE MUST BE COVERED.
27. THE CONTRACTOR SHALL NOT WASH ANY CONCRETE TRUCKS ONSITE. REMOVE BY HAND ANY CEMENT OR CONCRETE DEBRIS LEFT IN THE DISTURBED AREA.
28. BURIAL OF ANY STUMPS, SOLID DEBRIS, AND/OR STONES/BOULDERS ONSITE IS PROHIBITED.
29. THE CONTRACTOR SHALL IMMEDIATELY CONTACT AND COORDINATE WITH THE ENGINEER AND OWNER IF ANY DEVIATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED.
30. AT THE END OF CONSTRUCTION, THE CONTRACTOR MUST REMOVE ALL CONSTRUCTION DEBRIS AND SURPLUS MATERIALS FROM THE SITE PERFORM A THOROUGH INSPECTION OF THE WORK PERIMETER. THE CONTRACTOR MUST COLLECT AND REMOVE ALL MATERIALS AND BLOWN OR WATER CARRIED DEBRIS FROM THE SITE.
31. THE CONTRACTOR SHALL PROVIDE FOR THE SAFE AND ORDERLY PASSAGE OF VEHICULAR AND PEDESTRIAN TRAFFIC IN AREAS UNDER CONSTRUCTION.
32. SHOP DRAWINGS OF ALL CASTINGS, PRECAST CONCRETE STRUCTURES, PIPE AND MANUFACTURED COMPONENTS SHALL BE SUBMITTED FOR APPROVAL BEFORE ORDERING.
33. ALL PROPOSED PAVEMENT MARKINGS SHALL MEET EXISTING MARKINGS AT THE LIMITS OF WORK.
34. DETECTABLE WARNING PANELS SHALL BE INSTALLED ON ALL PEDESTRIAN CURB RAMPS AND SHALL COMPLY WITH CONSTRUCTION STANDARD E 107.6.5. PAYMENT FOR DETECTABLE WARNING PANELS SHALL BE PAID FOR SEPARATELY UNDER ITEM 701.3 - CAST IRON DETECTABLE WARNING PANELS. THE COLOR OF DETECTABLE WARNING PANELS SHALL BE NATURAL OR AT THE DIRECTION OF THE OWNER.
35. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
36. THE CONTRACTOR SHALL RETAIN ALL PUBLIC AND PRIVATE PROPERTY UNLESS OTHERWISE SPECIFIED ON THE PLAN AND RESTORE ALL PUBLIC AND PRIVATE PROPERTY DAMAGED DURING CONSTRUCTION TO ITS PRE-CONSTRUCTION CONDITION AT NO ADDITIONAL COST TO THE OWNER.
37. ALL EXISTING UTILITIES LINES ENCOUNTERED DURING CONSTRUCTION ARE TO REMAIN IN SERVICE. THE CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER, SHALL REPAIR ANY EXISTING SEWERS, GAS LINE, WATER MAINS, STORM DRAIN LINES, OR CULVERTS DAMAGED DURING CONSTRUCTION.
38. IN THOSE INSTANCES WHERE POWER OR TELEPHONE POLE SUPPORT IS REQUIRED, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48-HOUR NOTIFICATION TO THE RESPECTIVE UTILITY COMPANY. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR TEMPORARY BRACING OF UTILITIES.
39. ALL STRUCTURES AND PIPELINES LOCATED ADJACENT TO THE TRENCH EXCAVATION SHALL BE PROTECTED AND FIRMLY SUPPORTED BY THE CONTRACTOR UNTIL THE TRENCH IS BACKFILLED. INJURY TO ANY SUCH STRUCTURE CAUSED BY, OR RESULTING FROM, THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL UTILITIES REQUIRING REPAIR, RELOCATION OR ADJUSTMENT AS A RESULT OF THE PROJECT SHALL BE COORDINATED THROUGH THE RESPECTIVE UTILITY AND THE OWNER.
40. THE CONTRACTOR IS TO TAKE SPECIAL CARE NOT TO DAMAGE TREES, BUSHES, PLANTS, FLOWERS, STONEWALLS, FENCES, ETC. WITHIN THE CONSTRUCTION AREA UNLESS THEY ARE NOTED TO BE REMOVED. CONTRACTOR SHALL REPLACE AT NO COST TO OWNER, ALL DAMAGED ITEMS.
41. CONTRACTOR SHALL REMOVE AND REPLACE, OR REPAIR, ALL CURBS, SIDEWALKS, PAVEMENT AND OTHER ITEMS DAMAGED BY THE CONSTRUCTION ACTIVITIES TO AT LEAST THEIR ORIGINAL CONDITION, AND TO THE SATISFACTION OF THE OWNER AND ENGINEER.
42. THE CONTRACTOR SHALL PROVIDE A TELEPHONE NUMBER TO THE OWNER AND OR ENGINEER, WHERE THE CONTRACTOR CAN BE REACHED 24 HOURS A DAY, 7 DAYS A WEEK.
43. THE LOCATION AND LIMITS OF ALL ON-SITE WORK AND STORAGE AREAS SHALL BE REVIEWED/COORDINATED WITH, AND ACCEPTABLE TO THE OWNER. THE CONTRACTOR SHALL LIMIT ACTIVITIES TO THESE AREAS.
44. THE CONTRACTOR SHALL BE REQUIRED TO TEMPORARILY PAVE ALL DISTURBED TRAVEL WAYS, SIDEWALKS & DRIVEWAYS NOT UNDER CONSTRUCTION OR IF LEFT DURING NON-WORKING HOURS AND AS REQUIRED BY THE OWNER.
45. TEMPORARY FENCE: INSTALL AT LIMIT OF WORK A 6-FOOT CHAIN LINK BLOCK AND PANEL FENCE WITH LOCKABLE GATES WHERE REQUIRED FOR VEHICULAR AND PEDESTRIAN ACCESS. REMOVE AT PROJECT COMPLETION.

STORMWATER FACILITY OPERATION & MAINTENANCE:

THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF ALL STORMWATER MANAGEMENT FACILITIES AS OUTLINED BELOW UNTIL SUCH TIME THAT THE ROADWAYS AND ASSOCIATED UTILITIES ARE ACCEPTED BY THE OWNER AND THE ENGINEER.

1. INSPECT AND RESTORE/CLEAN ALL FACILITIES (INLETS, MANHOLES, INFILTRATION BASINS, ETC.) OF SEDIMENT AND DEBRIS PRIOR TO THE OWNER'S ACCEPTANCE.
2. REMOVE AND DISPOSE ALL SEDIMENT AND DEBRIS AT A PRE-APPROVED LOCATION AS APPROVED BY THE OWNER.
3. MAINTENANCE REQUIRED FOR DRAINAGE STRUCTURES (INLETS, MANHOLES & CATCHBASINS): ALL DRAINAGE STRUCTURES WILL BE INSPECTED BY THE CONTRACTOR TO MONITOR FOR PROPER OPERATION, COLLECTION OF LITTER OR TRASH, AND STRUCTURAL DETERIORATION. THE BASINS WILL BE CLEANED OF SEDIMENT (INCLUDING SUMPS) AS NECESSARY, AND REPAIRED WHEN REQUIRED.

EROSION & SEDIMENT CONTROL (ESC) NOTES:

1. REFER TO THE STORMWATER AND POLLUTION PREVENTION PLAN (SWPPP) REGARDING ALL EROSION CONTROL MATTERS. MAINTAIN A WORKING COPY OF THE SWPPP ONSITE AT ALL TIMES. FOLLOW THE SWPPP PROTOCOL FOR SITE MAINTENANCE, INSPECTIONS, AND PROPER DOCUMENTATION UNTIL THE SITE HAS BEEN ACCEPTED BY THE OWNER. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR MUST FILE A NOTICE OF TERMINATION WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES). IN ACCORDANCE WITH NPDES REGULATIONS, THE COMPLETED SWPPP MUST INCLUDE ALL OF THE SITE EROSION CONTROL DOCUMENTATION, WEEKLY EROSION INSPECTION REPORTS COMPLETED BY THE DESIGNATED SITE PERSONNEL, AND ANY OTHER PERTINENT SITE DOCUMENTATION. THE SWPPP MUST BE RETAINED BY THE CONTRACTOR FOR A MINIMUM OF 3 YEARS FROM THE DATE OF TERMINATION.
2. THE CONTRACTOR SHALL DESIGNATE ON-SITE PERSONNEL RESPONSIBLE FOR THE DAILY INSPECTION AND MAINTENANCE OF ALL SEDIMENT AND EROSION CONTROLS AND IMPLEMENTATION OF ALL NECESSARY MEASURES TO CONTROL EROSION AND PREVENT SEDIMENT FROM LEAVING THE SITE.
3. THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES AS INDICATED ON DRAWINGS IN CONSULTATION WITH THE ENGINEER BEFORE ANY CONSTRUCTION ACTIVITIES BEGIN. THE CONTRACTOR SHALL INSPECT, MAINTAIN, REPAIR AND REPLACE EROSION CONTROL MEASURES, AS NECESSARY, DURING THE ENTIRE CONSTRUCTION PERIOD OF THE PROJECT. THE SITE PERIMETER EROSION CONTROLS ARE THE DESIGNATED LIMIT OF WORK. THE CONTRACTOR MUST INFORM ALL PERSONNEL WORKING ON THE PROJECT SITE THAT NO CONSTRUCTION ACTIVITY IS TO OCCUR BEYOND THE LIMIT OF WORK AT ANY TIME THROUGHOUT THE CONSTRUCTION PERIOD.
4. THE CONTRACTOR SHALL PROTECT THE ADJACENT RESOURCE AREA FROM SEDIMENTATION DURING PROJECT CONSTRUCTION UNTIL ACCEPTANCE BY THE OWNER & IN CONFORMANCE WITH THE ORDER OF CONDITIONS.
5. THE CONTRACTOR SHALL KEEP THE LIMIT OF CLEARING, GRADING AND DISTURBANCES TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. PHASE THE SITE WORK IN A MANNER TO MINIMIZE AREAS OF EXPOSED SOIL. IF TREES ARE TO BE CUT, CLEAR AND GRUB ONLY THOSE AREAS WHICH ARE ACTIVELY UNDER CONSTRUCTION. PROPERLY INSTALL THE SEDIMENTATION CONTROLS PRIOR TO BEGINNING ANY LAND CLEARING ACTIVITY AND/OR OTHER CONSTRUCTION RELATED WORK.
6. LOCAL WEATHER REPORTS TO BE MONITORED BY THE CONTRACTOR DURING CONSTRUCTION AND PRIOR TO SCHEDULING EARTHMOVING OR OTHER CONSTRUCTION ACTIVITIES WHICH LEAVE LARGE DISTURBED AREAS UNSTABILIZED. IF INCLEMENT WEATHER IS PREDICTED, THE CONTRACTOR SHALL USE THEIR BEST PROFESSIONAL JUDGEMENT AND GOOD CONSTRUCTION PRACTICES WHEN SCHEDULING CONSTRUCTION ACTIVITIES AND ENSURE THE NECESSARY EROSION CONTROL DEVICES ARE INSTALLED AND FUNCTIONING PROPERLY TO MINIMIZE EROSION FROM ANY IMPENDING WEATHER EVENTS.
7. THE CONTRACTOR SHALL INSPECT EROSION AND SEDIMENT CONTROL DEVICES AND STABILIZED SLOPES ON A WEEKLY BASIS AND AFTER EACH RAINFALL EVENT OF .25 INCH OR GREATER. THE CONTRACTOR SHALL REPAIR IDENTIFIED PROBLEMS WITHIN 24 HOURS TO ENSURE EROSION AND SEDIMENT CONTROLS ARE IN GOOD WORKING ORDER. RESET OR REPLACE MATERIALS AS REQUIRED.
8. THE CONTRACTOR SHALL SURROUND THE PERIMETER OF SOIL STOCKPILES WITH SILT SOCK, SILT FENCE, STRAWBALES, OR A COMBINATION OF SILT FENCE WITH STRAWBALE, AS DETERMINED NECESSARY BY THE OWNER AND OR ENGINEER.
9. DISTURBED AREAS AND SLOPES MUST NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON. THE CONTRACTOR SHALL PROVIDE APPROPRIATE STABILIZATION PRACTICES ON ALL DISTURBED AREAS AS SOON AS POSSIBLE BUT NOT MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY OR PERMANENTLY CEASED, REINFORCE TEMPORARY AREAS HAVING A SLOPE GREATER THAN 4:1 WITH EROSION BLANKETS OR APPROVED EQUAL UNTIL THE SITE IS PROPERLY STABILIZED. TEMPORARY SWALES MAY ALSO BE REQUIRED IF DETERMINED NECESSARY IN THE FIELD BY THE ENGINEER.
10. THE CONTRACTOR SHALL INSTALL A CATCH BASIN SILT SACK OR APPROVED EQUIVALENT IN EACH EXISTING CATCH BASIN RECEIVING RUNOFF FROM THE SITE. UPON THE INSTALLATION OF EACH CATCH BASIN, THE CONTRACTOR SHALL INSTALL A SILT SACK OR APPROVED EQUIVALENT. SILT SACKS TO BE INSPECTED BY THE CONTRACTOR EVERY WEEK AND AFTER EACH RAINFALL EVENT OF .25 INCH OR GREATER, REMOVE AND EMPTY AS NEEDED FOR THE DURATION OF THE CONSTRUCTION PERIOD.
11. SMALL SEDIMENTATION BASINS MAY BE CONSTRUCTED ON AN AS-NEEDED BASIS DURING CONSTRUCTION TO AID IN THE CAPTURE OF SITE RUNOFF AND SEDIMENT. IT WILL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR, IN CONSULTATION WITH THE ENGINEER, TO SIZE AND CREATE THESE BASINS IN APPROPRIATE LOCATIONS.
12. THE CONTRACTOR IS RESPONSIBLE FOR CONTAINING ALL SEDIMENT ON SITE. THE CONTRACTOR SHALL SWEEP ALL EXITS FROM THE SITE AS NECESSARY INCLUDING ANY SEDIMENT TRACKING AND SWEEP PAVED AREAS AS NEEDED TO REMOVE SEDIMENT AND POTENTIAL POLLUTANTS ACCUMULATED DURING SITE CONSTRUCTION.
13. THE CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENT FROM ALL TEMPORARY PRACTICES AND DISPOSE OF IN A PRE-APPROVED LOCATION.
14. TO ENSURE ALL EROSION AND SEDIMENTATION CONTROL DEVICES ARE PROPERLY MAINTAINED AND REPAIRED IN A TIMELY AND RESPONSIBLE MANNER, THE CONTRACTOR SHALL PROVIDE ON-SITE, OR MAKE READILY AVAILABLE, THE NECESSARY EQUIPMENT AND SITE PERSONNEL DURING CONSTRUCTION HOURS FOR THE DURATION OF THE PROJECT. IF SITE WORK IS SUSPENDED DURING THE WINTER MONTHS THE CONTRACTOR MUST CONTINUE TO PROVIDE PERSONNEL AND EQUIPMENT ON-SITE OR READILY AVAILABLE .
15. THE CONTRACTOR SHALL CONTROL DUST BY WATERING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE ENGINEER.

MARK	DATE	DESCRIPTION

Scale	AS NOTED
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Designed by	JM
Drawn by	JM
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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

GENERAL NOTES

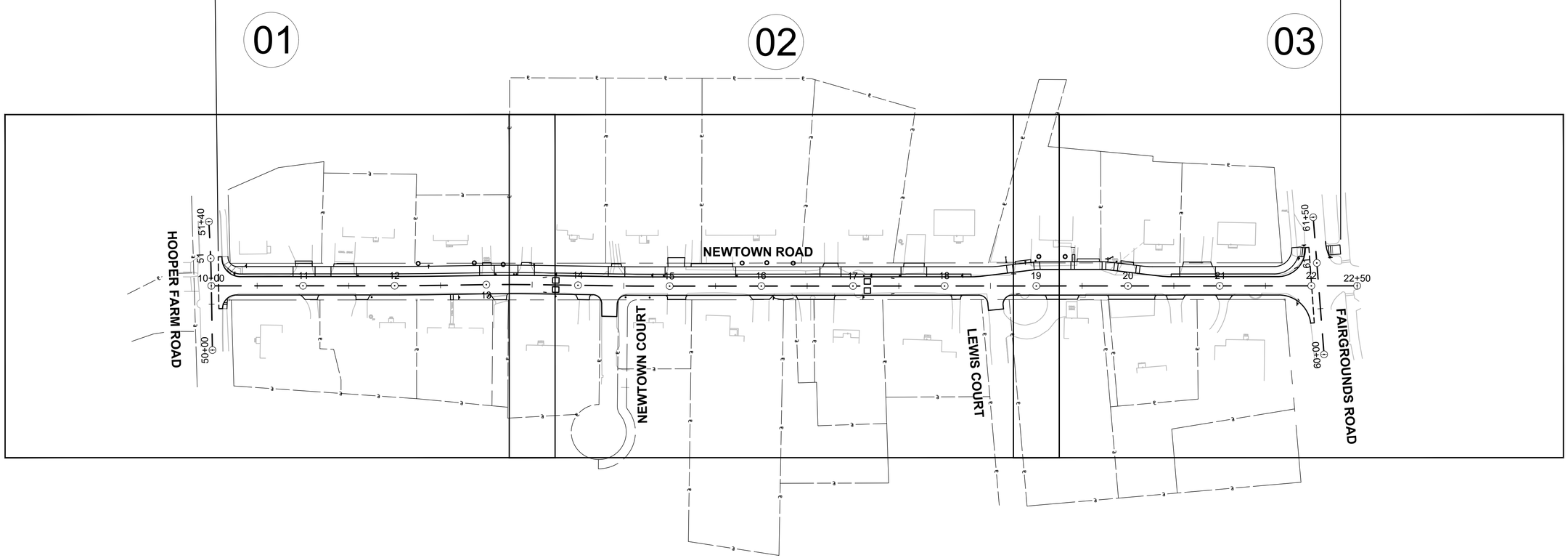
Sheet No. 03

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\03_GEN-NOTES.dwg Plot Date: Sep 30,2024-5:10pm

PLAN LOCATION	NEWTOWN ROAD		
PLAN REFERENCE	(01)	(02)	(03)
DRAWING TITLE:	SHEET NUMBER		
EXISTING CONDITIONS & SURVEY CONTROL PLANS	06	07	08
CONSTRUCTION PLANS	09	10	11
PROFILES	12	13	14
CURB TIE PLANS	15	16	17
GRADING PLANS	18	19	20
TRAFFIC SIGN & PAVEMENT MARKING PLANS	21	22	23

PROJECT BEGIN
MEET EXISTING
STA 10+08±
N: 98885.565
E: 1752831.049

END PROJECT
MEET EXISTING
STA 22+32±
N: 98053.932
E: 1753729.210



0 60 100 200 300

SCALE: 1" = 60'

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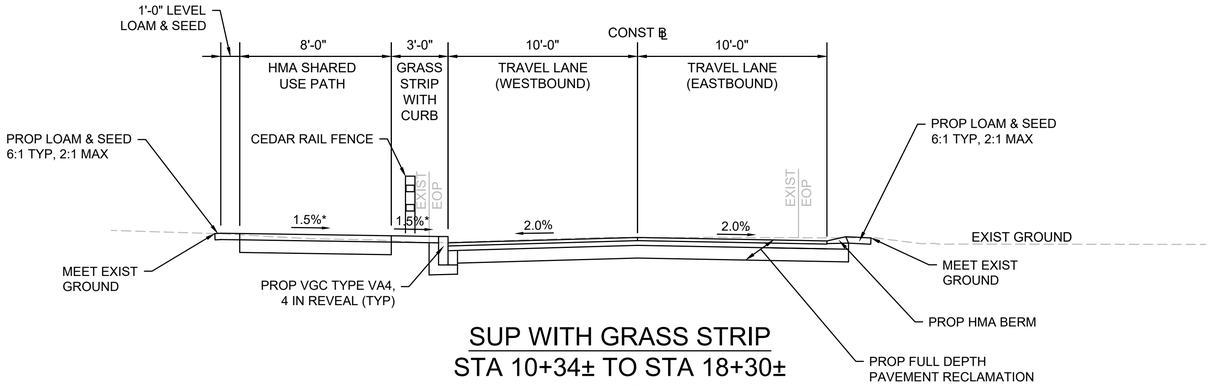
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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

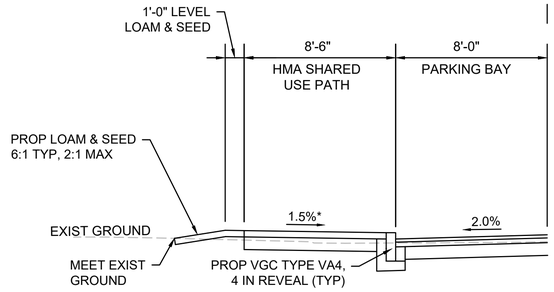
KEY PLAN

Sheet No.
04

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\04_KEY PLAN.dwg Plot Date: Sep 30,2024-5:11pm



SUP WITH GRASS STRIP
STA 10+34± TO STA 18+30±
AND
STA 20+60± TO STA 22+00±



SUP WITH PARKING BAY
STA 18+30± TO STA 20+60±

NEWTOWN ROAD
STA 10+08± TO STA 22+00±
N.T.S.

PAVEMENT NOTES

PROPOSED PAVEMENT MILLING & OVERLAY

SURFACE:	2" SUPERPAVE SURFACE COURSE 12.5 (SSC - 12.5) OVER
**LEVELING:	VARIABLE DEPTH AS DIRECTED OVER
MILLING:	2" PAVEMENT MILLING (OR AS DIRECTED)

PROPOSED FULL DEPTH PAVEMENT RECLAMATION

SURFACE	2" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER
BASE:	3" SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0) OVER
SUBBASE:	12" RECLAIM MATERIAL

PROPOSED HOT MIX ASPHALT SHARED USE PATH (SUP) & DRIVEWAY

SURFACE	2" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER 2" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5) OVER
SUBBASE:	8" GRAVEL BORROW, TYPE B

PROPOSED HOT MIX ASPHALT SIDEWALK & WALKWAY

SURFACE	1.5" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER 1.5" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5) OVER
SUBBASE:	8" GRAVEL BORROW, TYPE B

PROPOSED CEMENT CONCRETE SIDEWALK & PEDESTRIAN CURB RAMP

SURFACE:	4" CEMENT CONCRETE AIR ENTRAINED (4000 PSI, $\frac{3}{4}$", 610LB) OVER
SUBBASE:	8" GRAVEL BORROW, TYPE B

PROPOSED CEMENT CONCRETE DRIVEWAY

SURFACE:	6" CEMENT CONCRETE AIR ENTRAINED (4000 PSI, $\frac{3}{4}$", 610LB) OVER
SUBBASE:	8" GRAVEL BORROW, TYPE B

PROPOSED MISCELLANEOUS GRAVEL DRIVEWAY

SURFACE:	12" GRAVEL DRIVEWAY, TYPE B

PROPOSED MISCELLANEOUS PAVER DRIVEWAY

SURFACE:	RESET EXISTING PAVERS OR APPROVED EQUAL
SUBBASE:	8" DENSE GRADED CRUSHED STONE FOR SUBBASE

PROPOSED LOAM & SEED

SURFACE:	4" LOAM BORROW
INTERMEDIATE	1" SAND SETTING BED
SUBBASE:	VARIABLE DEPTH SUITABLE EXCAVATED MATERIAL OR ORDINARY BORROW (AS DIRECTED BY THE TOWN AND/OR ENGINEER)

NOTES:
1. ALL SAWCUTS INCLUDING THOSE IN DRIVEWAYS SHALL BE SEALED WITH AN HMA JOINT SEALER (REFER TO MASSDOT STANDARD SPECIFICATIONS SUBSECTION 450.49).
2. DURING EXCAVATION, MATERIALS DEEMED BY THE TOWN AND/OR ENGINEER TO BE SUITABLE WILL BE RETAINED OR USED AS ORDINARY BORROW FOR FILL AREAS. ANY UNSUITABLE SOILS AS DETERMINED BY THE TOWN AND/OR ENGINEER SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL AS IDENTIFIED.
3. GRAVEL BORROW SHALL ONLY BE USED WHEN NO SUITABLE EXCAVATED MATERIAL CAN BE UTILIZED AS APPROVED BY THE TOWN AND/OR ENGINEER.

* 0.5%± CONSTRUCTION TOLERANCE
** LEVELING COURSE TO BE PAID FOR UNDER ITEM 450.53 SUPERPAVE LEVELING COURSE - 12.5 (SLC-12.5) AT THE DIRECTION OF THE TOWN AND/OR ENGINEER.

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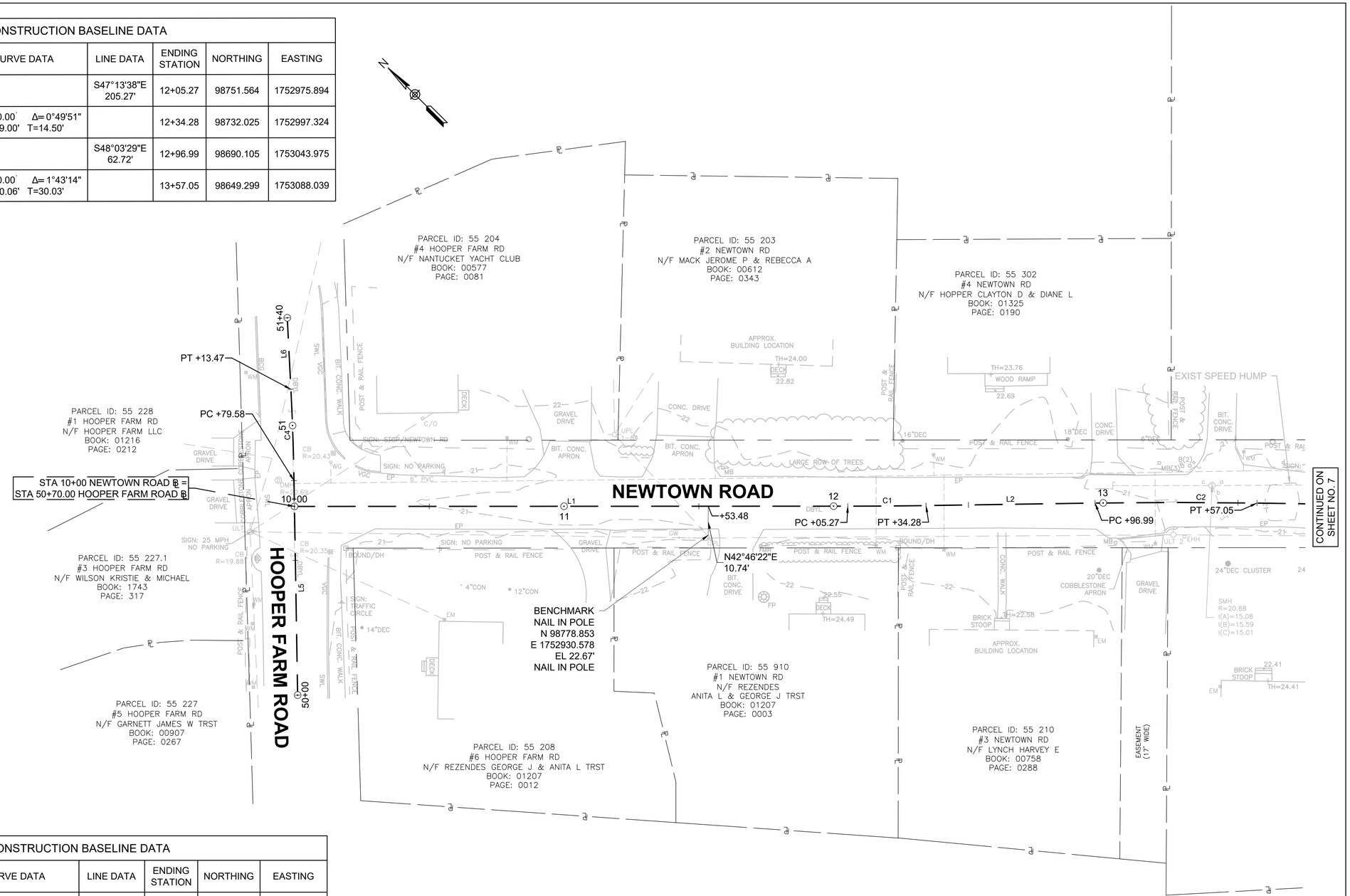
ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

TYPICAL SECTIONS

Sheet No. 05

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\05_TYPICAL.dwg Plot Date: Sep 30,2024-5:11pm

NEWTOWN ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L1	10+00.00	98890.964	1752825.212		S47°13'38"E 205.27'	12+05.27	98751.564	1752975.894
C1	12+05.27	98751.564	1752975.894	R=2000.00' Δ=0°49'51" L=29.00' T=14.50'		12+34.28	98732.025	1752997.324
L2	12+34.28	98732.025	1752997.324		S48°03'29"E 62.72'	12+96.99	98690.105	1753043.975
C2	12+96.99	98690.105	1753043.975	R=2000.00' Δ=1°43'14" L=60.06' T=30.03'		13+57.05	98649.299	1753088.039



HOOPER FARM ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L5	50+00.00	98838.803	1752778.530		N41°49'37"E 79.58'	50+79.58	98898.103	1752831.601
C4	50+79.58	98898.103	1752831.601	R=1000.00' Δ=1°56'30" L=33.89' T=16.95'		51+13.47	98923.732	1752853.767
L6	51+13.47	98923.732	1752853.767		N39°53'07"E 26.53'	51+40.00	98944.092	1752870.782

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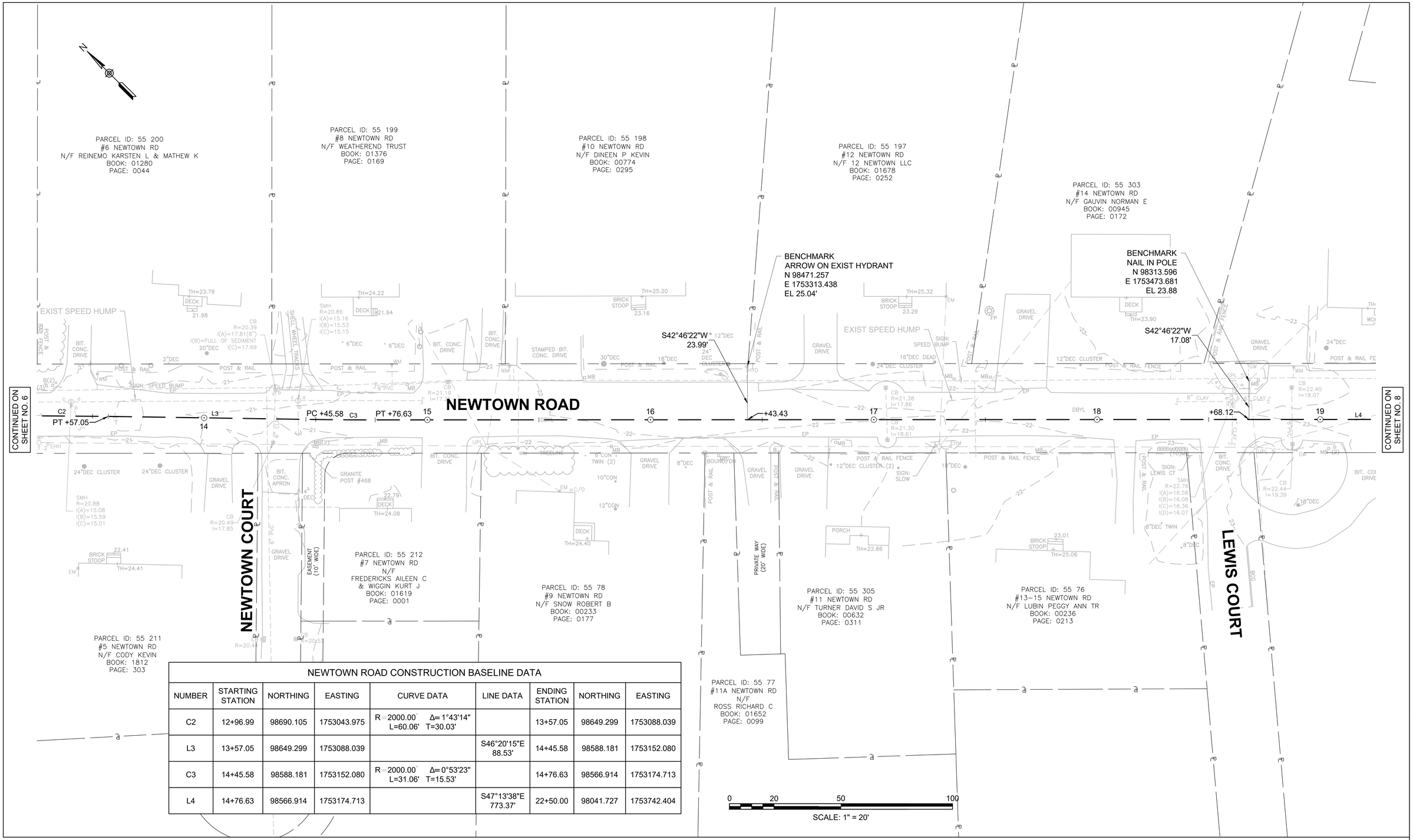
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ROADWAY IMPROVEMENTS ALONG NEWTOWN ROAD NANTUCKET, MASSACHUSETTS

EXISTING CONDITIONS & SURVEY CONTROL PLANS - 01

Sheet No. 06

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\06_SURVEY CONTROL.dwg Plot Date: Sep 30,2024-5:11pm



NEWTOWN ROAD CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C2	12+96.99	98690.105	1753043.975	R=2000.00' Δ=1°43'14" L=60.06' T=30.03'		13+57.05	98649.299	1753088.039
L3	13+57.05	98649.299	1753088.039		S46°20'15"E 88.53'	14+45.58	98588.181	1753152.080
C3	14+45.58	98588.181	1753152.080	R=2000.00' Δ=0°53'23" L=31.06' T=15.53'		14+76.63	98566.914	1753174.713
L4	14+76.63	98566.914	1753174.713		S47°13'38"E 773.37'	22+50.00	98041.727	1753742.404

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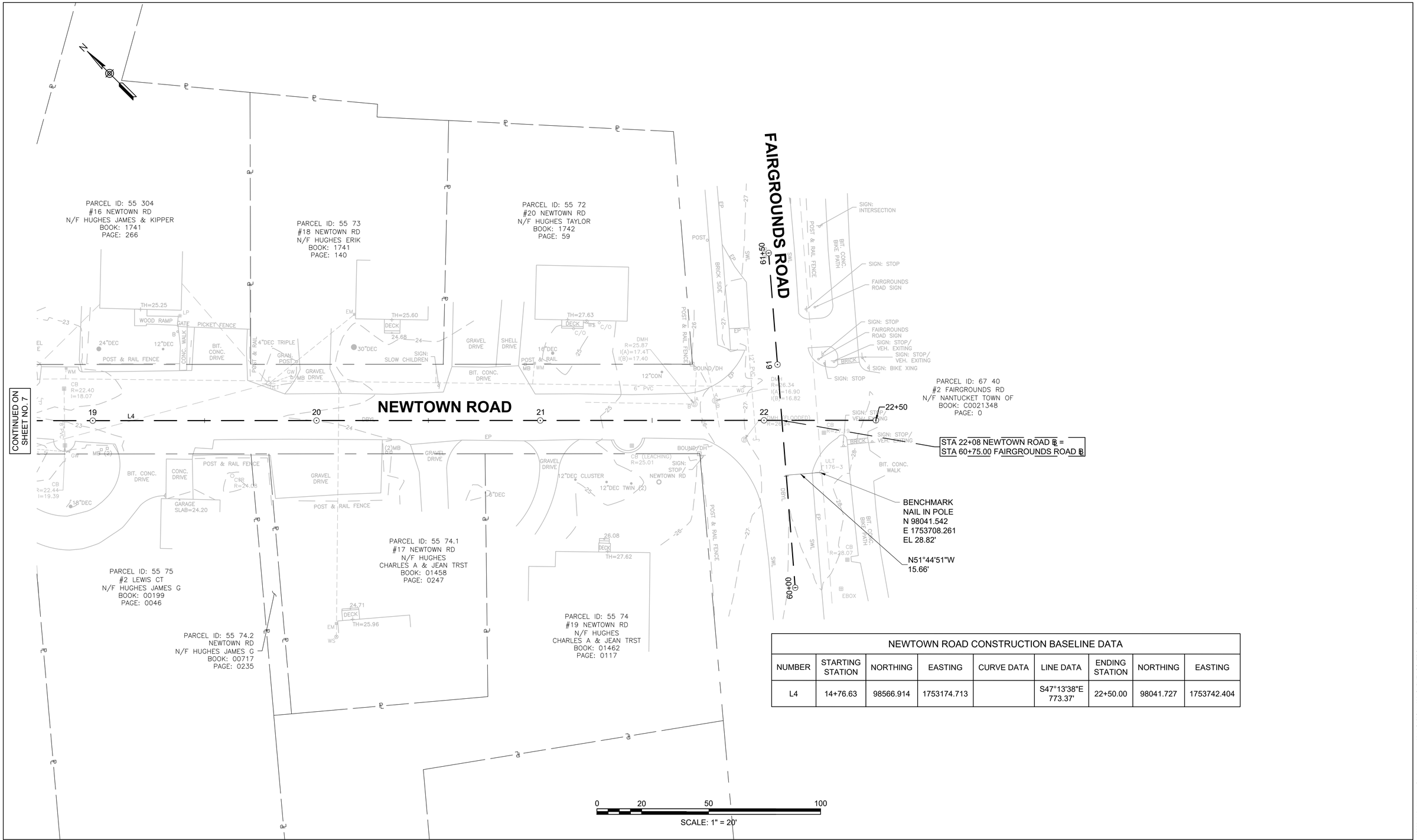
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ROADWAY IMPROVEMENTS ALONG NEWTOWN ROAD NANTUCKET, MASSACHUSETTS

EXISTING CONDITIONS & SURVEY CONTROL PLANS - 02

Sheet No. 07

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\06_SURVEY CONTROL.dwg Plot Date: Sep 30,2024-5:11pm



NEWTOWN ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L4	14+76.63	98566.914	1753174.713		S47°13'38"E 773.37'	22+50.00	98041.727	1753742.404

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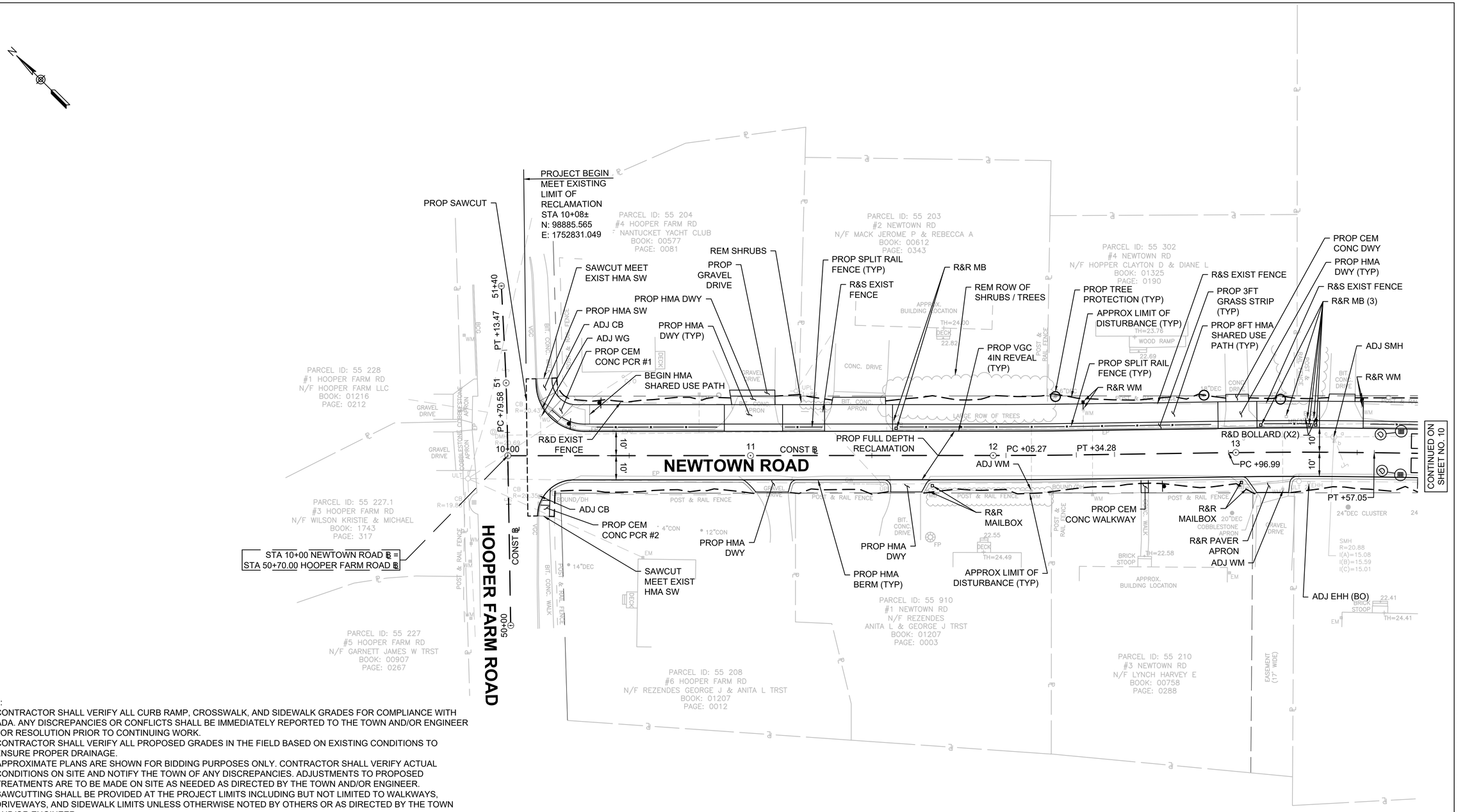
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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

EXISTING CONDITIONS & SURVEY CONTROL PLANS - 03

Sheet No.
08

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\06_SURVEY CONTROL.dwg Plot Date: Sep 30,2024-5:11pm



NOTES:

1. CONTRACTOR SHALL VERIFY ALL CURB RAMP, CROSSWALK, AND SIDEWALK GRADES FOR COMPLIANCE WITH ADA. ANY DISCREPANCIES OR CONFLICTS SHALL BE IMMEDIATELY REPORTED TO THE TOWN AND/OR ENGINEER FOR RESOLUTION PRIOR TO CONTINUING WORK.
2. CONTRACTOR SHALL VERIFY ALL PROPOSED GRADES IN THE FIELD BASED ON EXISTING CONDITIONS TO ENSURE PROPER DRAINAGE.
3. APPROXIMATE PLANS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS ON SITE AND NOTIFY THE TOWN OF ANY DISCREPANCIES. ADJUSTMENTS TO PROPOSED TREATMENTS ARE TO BE MADE ON SITE AS NEEDED AS DIRECTED BY THE TOWN AND/OR ENGINEER.
4. SAWCUTTING SHALL BE PROVIDED AT THE PROJECT LIMITS INCLUDING BUT NOT LIMITED TO WALKWAYS, DRIVEWAYS, AND SIDEWALK LIMITS UNLESS OTHERWISE NOTED BY OTHERS OR AS DIRECTED BY THE TOWN AND/OR ENGINEER.
5. PROPOSED LOAM & SEED SHALL BE INSTALLED AT A MAXIMUM GRADE OF 4:1 TO MEET EXISTING GRADE WHERE APPROPRIATE. ANY DISCREPANCIES OR CONFLICTS SHALL BE IMMEDIATELY REPORTED TO THE TOWN AND/OR ENGINEER FOR RESOLUTION PRIOR TO CONTINUING WORK.
6. ALL EXISTING TREES AND UTILITY POLES SHALL BE RETAINED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE TOWN AND/OR ENGINEER.
7. ALL EXISTING FENCE, RETAINING WALL, OR OTHER APPURTENANCES AT THE BACK OF THE PROPOSED SHARED USE PATH SHALL BE RETAINED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE TOWN AND/OR ENGINEER.
8. ALL RIGHT OF ENTRIES WILL BE HANDLED BY THE TOWN.

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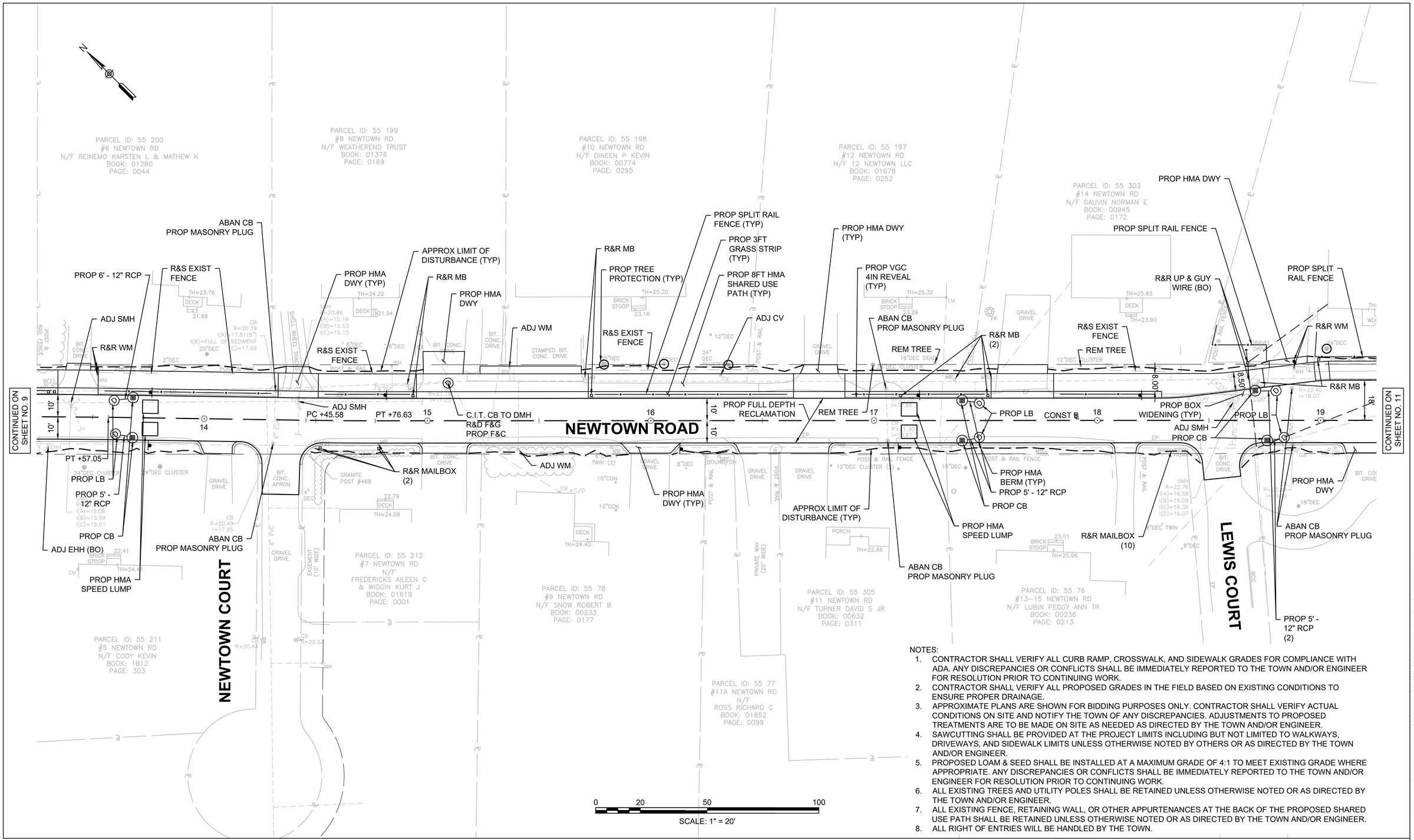
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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

CONSTRUCTION PLANS - 01

Sheet No.
09

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\07_CONSTRUCTION PLAN.dwg Plot Date: Sep 30,2024-5:12pm



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1. CONTRACTOR SHALL VERIFY ALL CURB RAMP, CROSSWALK, AND SIDEWALK GRADES FOR COMPLIANCE WITH ADA. ANY DISCREPANCIES OR CONFLICTS SHALL BE IMMEDIATELY REPORTED TO THE TOWN AND/OR ENGINEER FOR RESOLUTION PRIOR TO CONTINUING WORK.
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4. SAWCUTTING SHALL BE PROVIDED AT THE PROJECT LIMITS INCLUDING BUT NOT LIMITED TO WALKWAYS, DRIVEWAYS, AND SIDEWALK LIMITS UNLESS OTHERWISE NOTED BY OTHERS OR AS DIRECTED BY THE TOWN AND/OR ENGINEER.
5. PROPOSED LOAM & SEED SHALL BE INSTALLED AT A MAXIMUM GRADE OF 4:1 TO MEET EXISTING GRADE WHERE APPROPRIATE. ANY DISCREPANCIES OR CONFLICTS SHALL BE IMMEDIATELY REPORTED TO THE TOWN AND/OR ENGINEER FOR RESOLUTION PRIOR TO CONTINUING WORK.
6. ALL EXISTING TREES AND UTILITY POLES SHALL BE RETAINED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE TOWN AND/OR ENGINEER.
7. ALL EXISTING FENCE, RETAINING WALL, OR OTHER APPURTENANCES AT THE BACK OF THE PROPOSED SHARED USE PATH SHALL BE RETAINED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE TOWN AND/OR ENGINEER.
8. ALL RIGHT OF ENTRIES WILL BE HANDLED BY THE TOWN.

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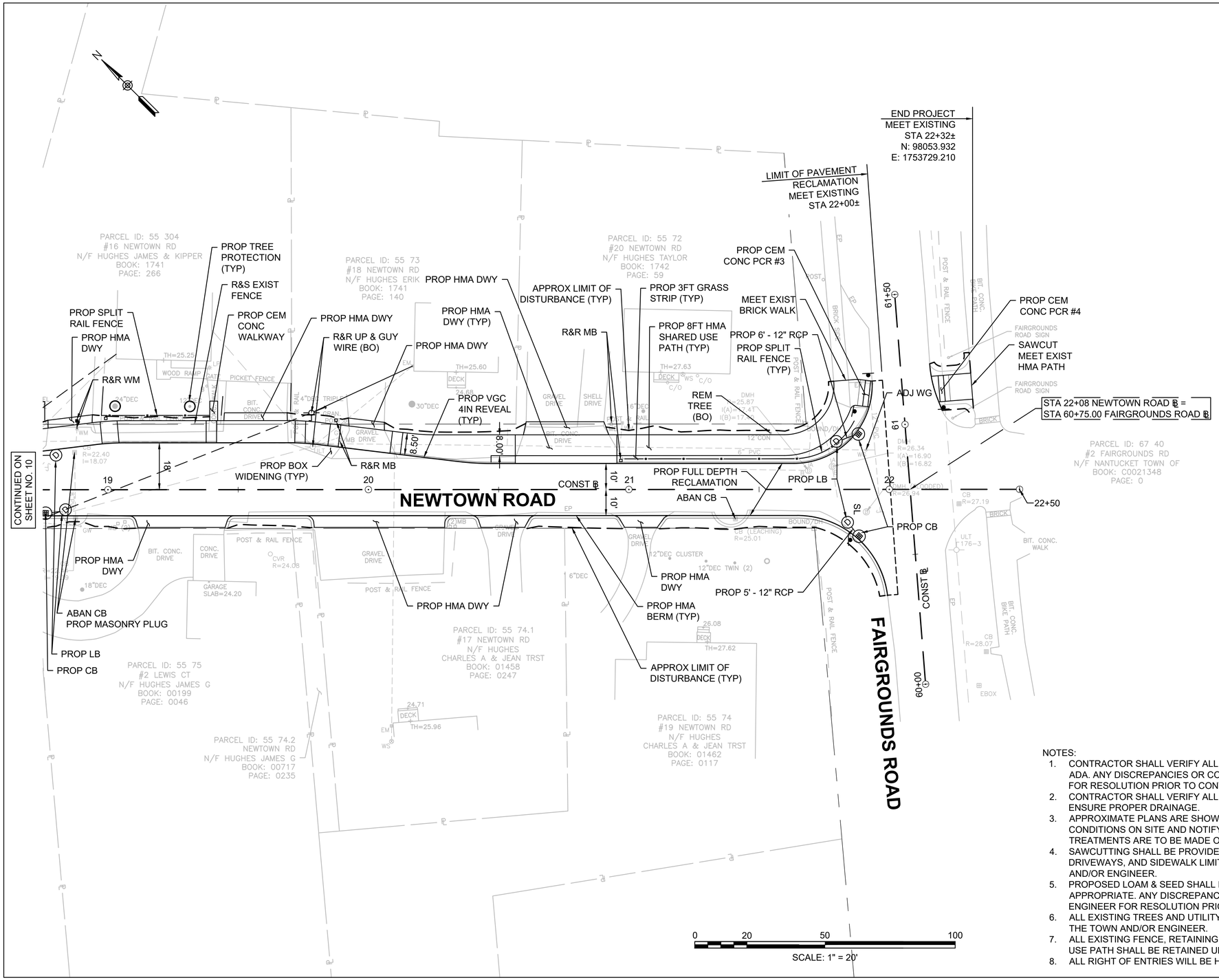
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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

CONSTRUCTION PLANS - 02

Sheet No. 10

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\07_CONSTRUCTION PLAN.dwg Plot Date: Sep 30,2024-5:12pm



NOTES:

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2. CONTRACTOR SHALL VERIFY ALL PROPOSED GRADES IN THE FIELD BASED ON EXISTING CONDITIONS TO ENSURE PROPER DRAINAGE.
3. APPROXIMATE PLANS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS ON SITE AND NOTIFY THE TOWN OF ANY DISCREPANCIES. ADJUSTMENTS TO PROPOSED TREATMENTS ARE TO BE MADE ON SITE AS NEEDED AS DIRECTED BY THE TOWN AND/OR ENGINEER.
4. SAWCUTTING SHALL BE PROVIDED AT THE PROJECT LIMITS INCLUDING BUT NOT LIMITED TO WALKWAYS, DRIVEWAYS, AND SIDEWALK LIMITS UNLESS OTHERWISE NOTED BY OTHERS OR AS DIRECTED BY THE TOWN AND/OR ENGINEER.
5. PROPOSED LOAM & SEED SHALL BE INSTALLED AT A MAXIMUM GRADE OF 4:1 TO MEET EXISTING GRADE WHERE APPROPRIATE. ANY DISCREPANCIES OR CONFLICTS SHALL BE IMMEDIATELY REPORTED TO THE TOWN AND/OR ENGINEER FOR RESOLUTION PRIOR TO CONTINUING WORK.
6. ALL EXISTING TREES AND UTILITY POLES SHALL BE RETAINED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE TOWN AND/OR ENGINEER.
7. ALL EXISTING FENCE, RETAINING WALL, OR OTHER APPURTENANCES AT THE BACK OF THE PROPOSED SHARED USE PATH SHALL BE RETAINED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE TOWN AND/OR ENGINEER.
8. ALL RIGHT OF ENTRIES WILL BE HANDLED BY THE TOWN.

MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

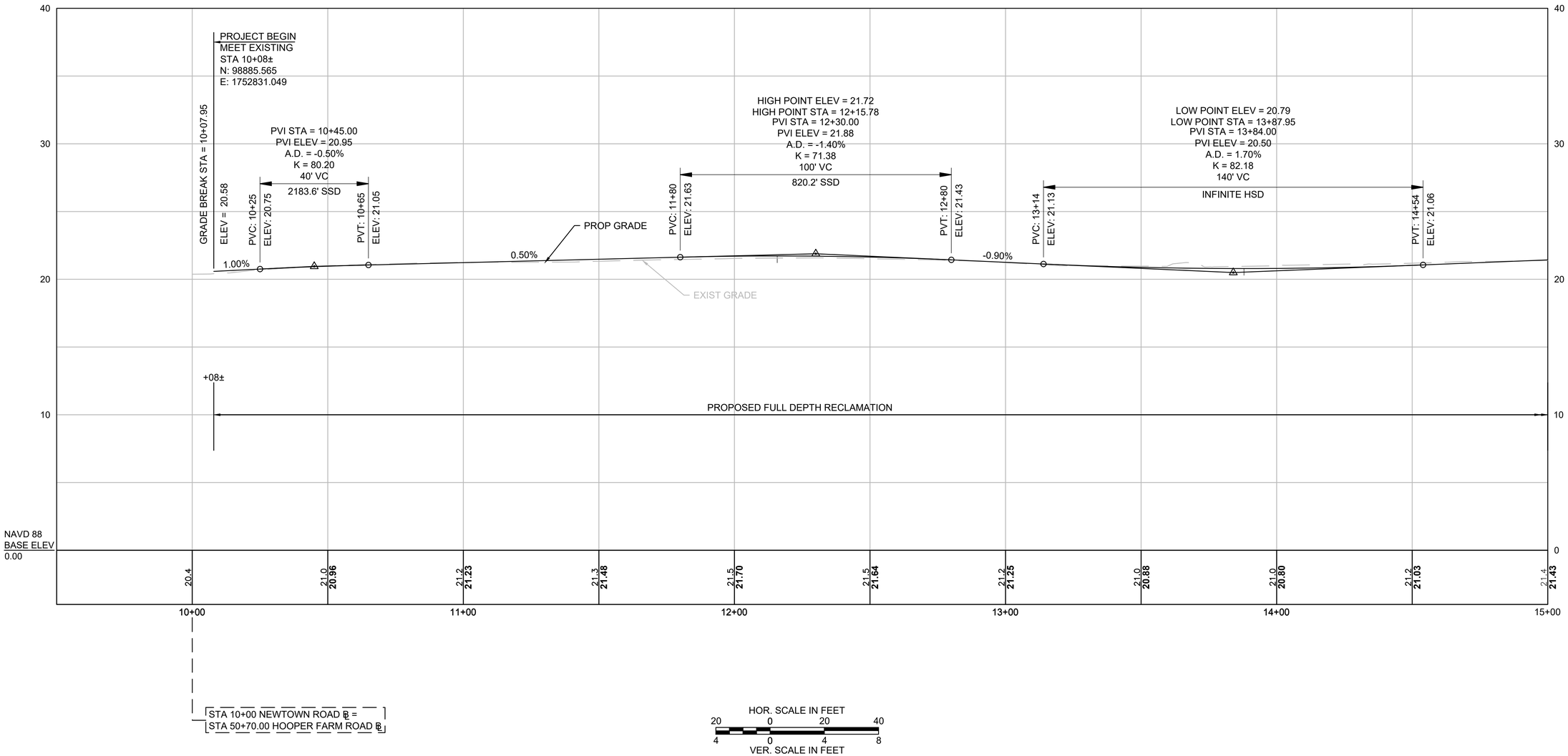
THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

CONSTRUCTION PLANS - 03

Sheet No. 11

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\07_CONSTRUCTION PLAN.dwg Plot Date: Sep 30,2024-5:12pm



MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

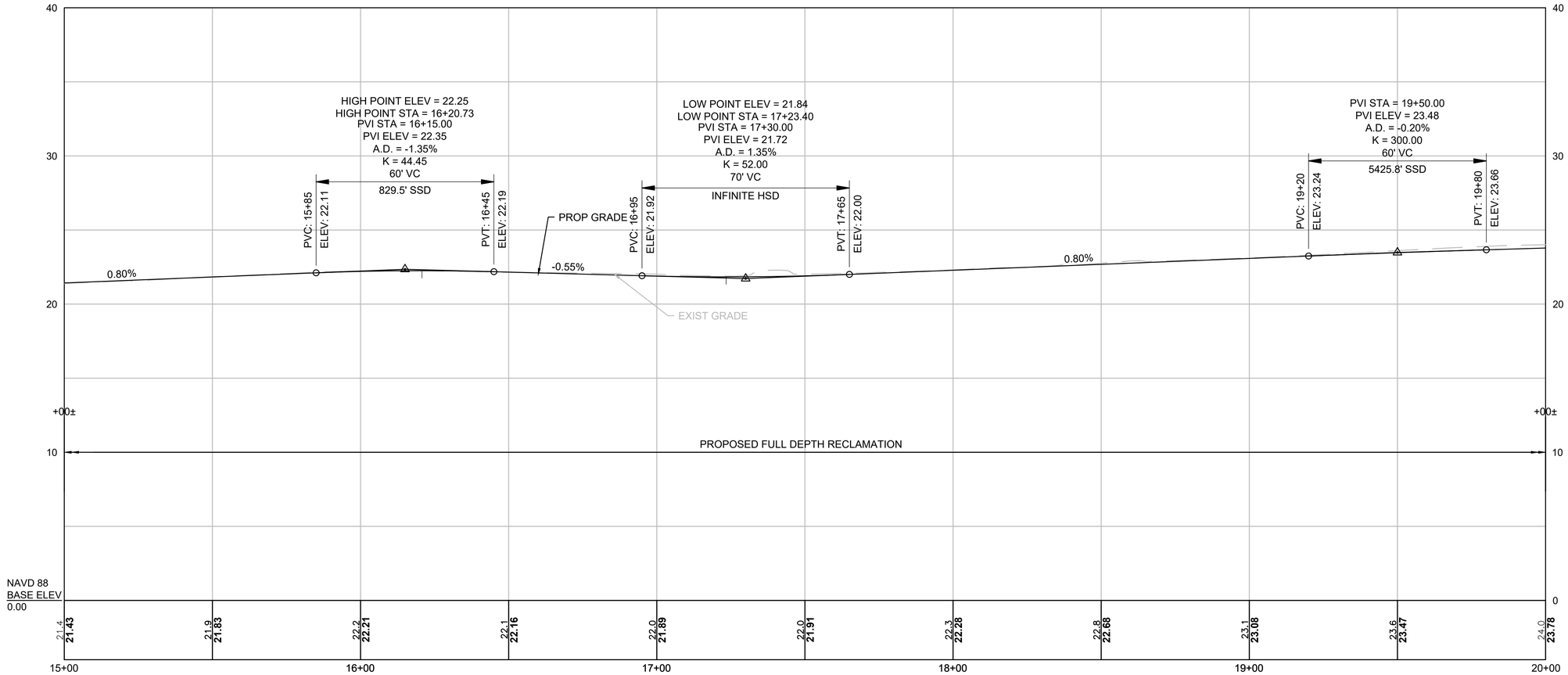
ROADWAY IMPROVEMENTS ALONG NEWTOWN ROAD NANTUCKET, MASSACHUSETTS

PROFILE - 01

Sheet No. 12

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\06_PROFILE.dwg Plot Date: Sep 30,2024-5:12pm

CONTINUED ON SHEET NO. 12



CONTINUED ON SHEET NO. 14

HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
VER. SCALE IN FEET

MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

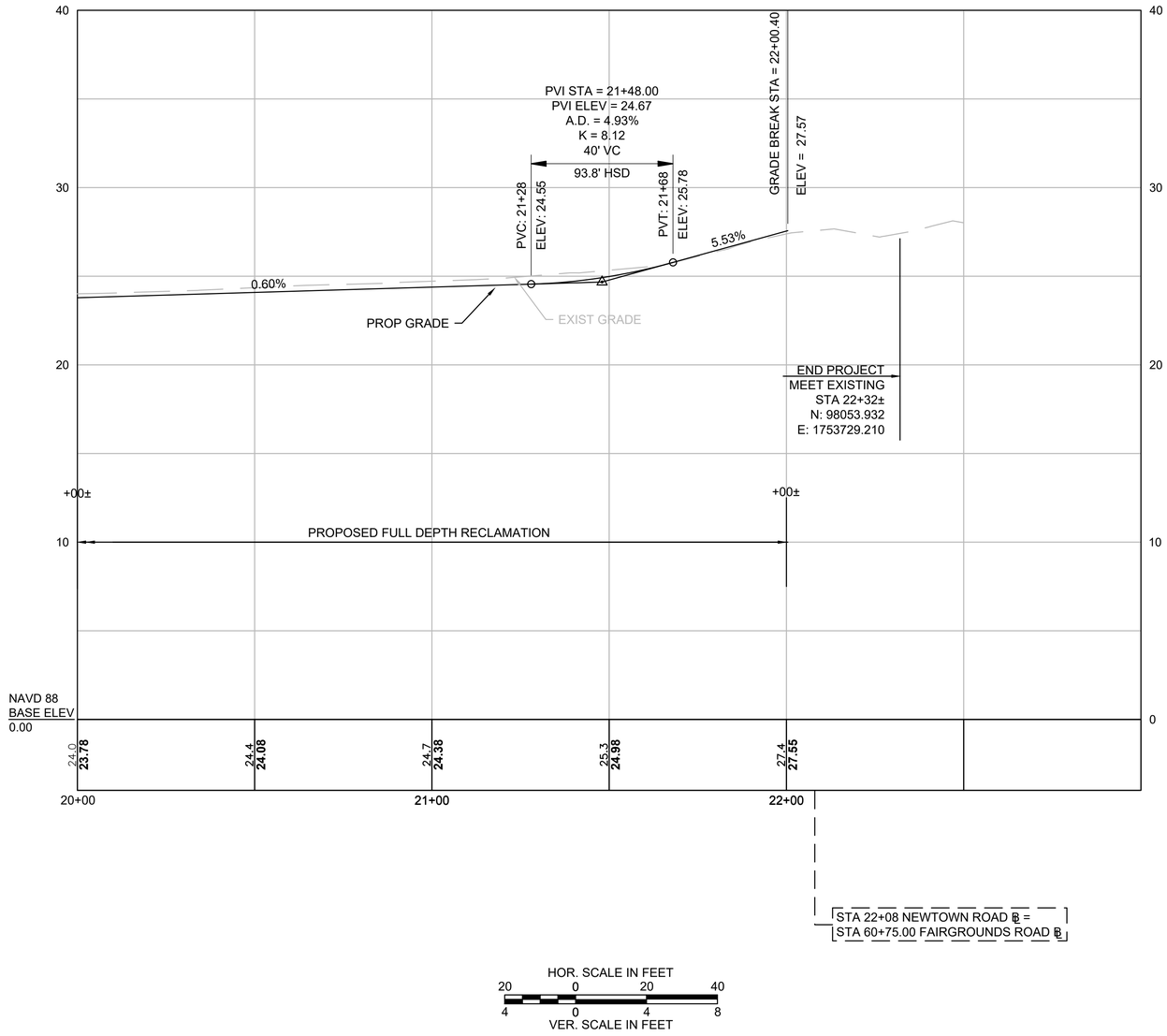
ROADWAY IMPROVEMENTS ALONG NEWTOWN ROAD NANTUCKET, MASSACHUSETTS

PROFILE - 02

Sheet No. 13

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\06_PROFILE.dwg Plot Date: Sep 30,2024-5:12pm

CONTINUED ON
SHEET NO. 13



HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
VER. SCALE IN FEET

MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

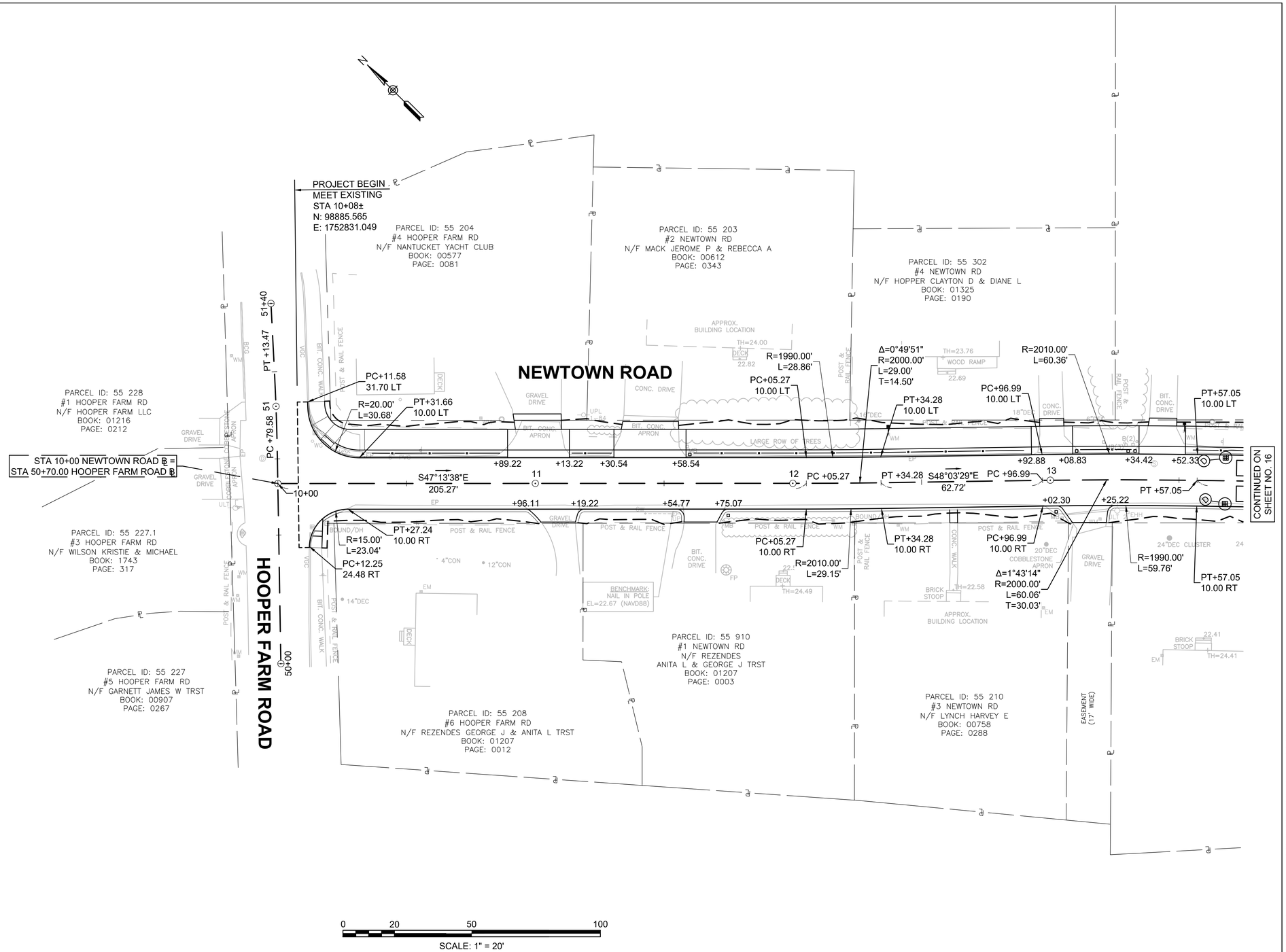
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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

PROFILE - 03

Sheet No.
14

Drawing file: I:\Nantucket\603-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\08_PROFILE.dwg Plot Date: Sep 30,2024-5:12pm



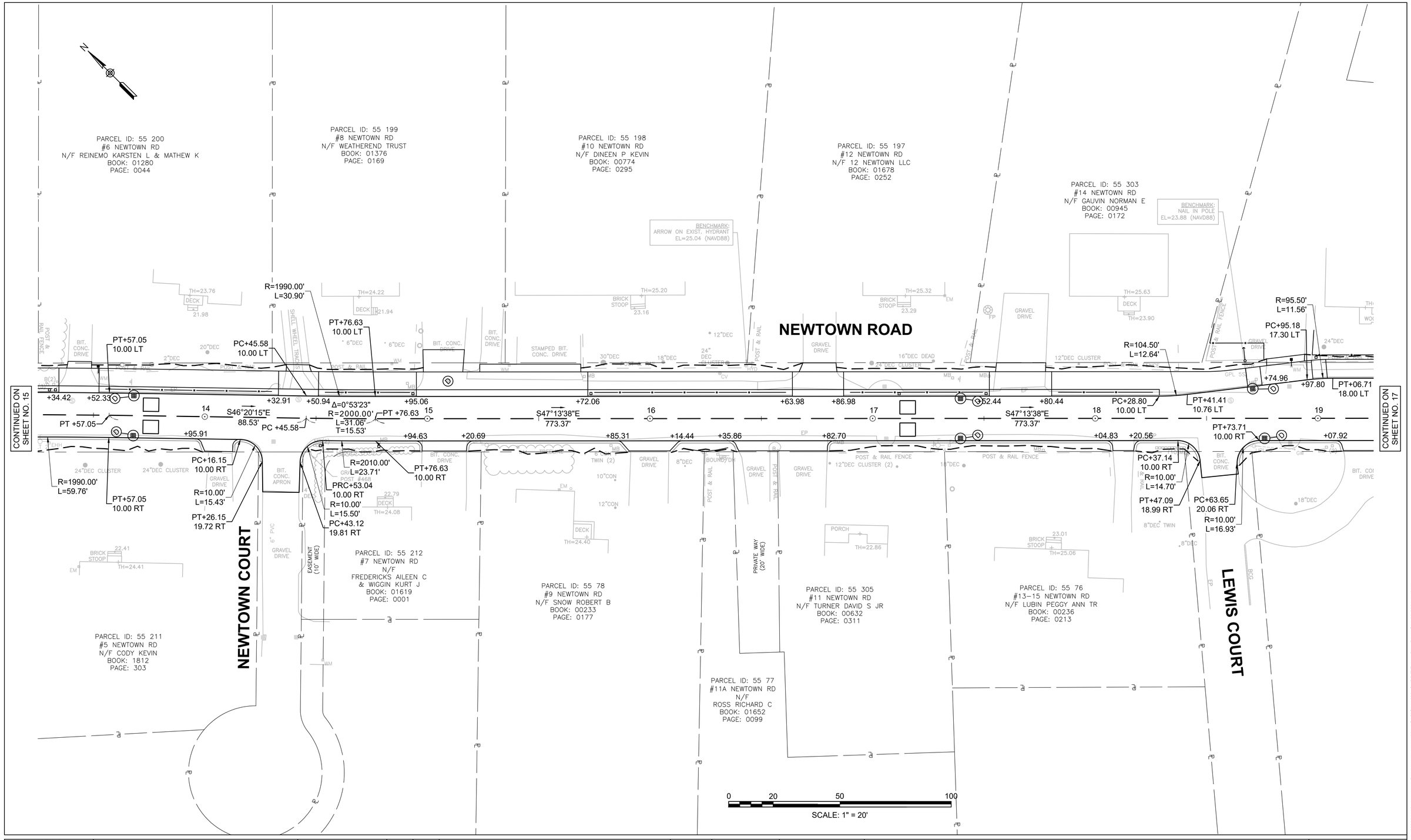
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		Date	SEPTEMBER 2024	
		Job No.	23004456	
		Designed by	JM	
		Drawn by	JM	
		Checked by	PRT	
MARK	DATE	DESCRIPTION	Approved by	JDF

ROADWAY IMPROVEMENTS ALONG NEWTOWN ROAD NANTUCKET, MASSACHUSETTS

CURB TIE PLANS - 01

Sheet No. 15

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\99_CURB TIE.dwg Plot Date: Sep 30,2024-5:13pm



MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

ROADWAY IMPROVEMENTS ALONG NEWTOWN ROAD NANTUCKET, MASSACHUSETTS

CURB TIE PLANS - 02

Sheet No. 16

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\09_CURB TIE.dwg Plot Date: Sep 30,2024-5:13pm

CONTINUED ON SHEET NO. 16

END PROJECT
MEET EXISTING
STA 22+32±
N: 98053.932
E: 1753729.210

FAIRGROUNDS ROAD

NEWTOWN ROAD

PARCEL ID: 55 304
#16 NEWTOWN RD
N/F HUGHES JAMES & KIPPER
BOOK: 1741
PAGE: 266

PARCEL ID: 55 73
#18 NEWTOWN RD
N/F HUGHES ERIK
BOOK: 1741
PAGE: 140

PARCEL ID: 55 72
#20 NEWTOWN RD
N/F HUGHES TAYLOR
BOOK: 1742
PAGE: 59

PARCEL ID: 67 40
#2 FAIRGROUNDS RD
N/F NANTUCKET TOWN OF
BOOK: C0021348
PAGE: 0

PARCEL ID: 55 74.1
#17 NEWTOWN RD
N/F HUGHES
CHARLES A & JEAN TRST
BOOK: 01458
PAGE: 0247

PARCEL ID: 55 75
#2 LEWIS CT
N/F HUGHES JAMES G
BOOK: 00199
PAGE: 0046

PARCEL ID: 55 74.2
NEWTOWN RD
N/F HUGHES JAMES G
BOOK: 00717
PAGE: 0235

PARCEL ID: 55 74
#19 NEWTOWN RD
N/F HUGHES
CHARLES A & JEAN TRST
BOOK: 01462
PAGE: 0117

R=95.50'
L=11.56'
PC+95.18
17.30 LT

PC+69.19
18.00 LT

R=95.50'
L=11.56'

PC+34.49
10.76 LT

R=104.50'
L=12.64'

PT+93.38
41.60 LT

R=30.00'
L=48.72'

PC+63.42
10.00 LT

+97.80
PT+06.71
18.00 LT
+41.71
+71.71
+88.41
+08.26
PT+80.72
17.30 LT
PT+47.10
10.00 LT
+56.41
+95.41

S47°13'38"E
773.37'

+17.45
+07.80
+17.63
+07.63

61+50
61+00
60+00

22+50

STA 22+08 NEWTOWN ROAD ℄ =
STA 60+75.00 FAIRGROUNDS ROAD ℄

+07.92
+48.61
+76.03
+32.31
+39.55
+64.23
+94.00
+15.69

PC+64.56
10.00 RT
R=35.00'
L=50.58'
PT+99.28
40.61 RT

BENCHMARK:
NAIL IN POLE
EL=28.82 (NAVD88)

FAIRGROUNDS ROAD SIGN

0 20 50 100
SCALE: 1" = 20'

MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

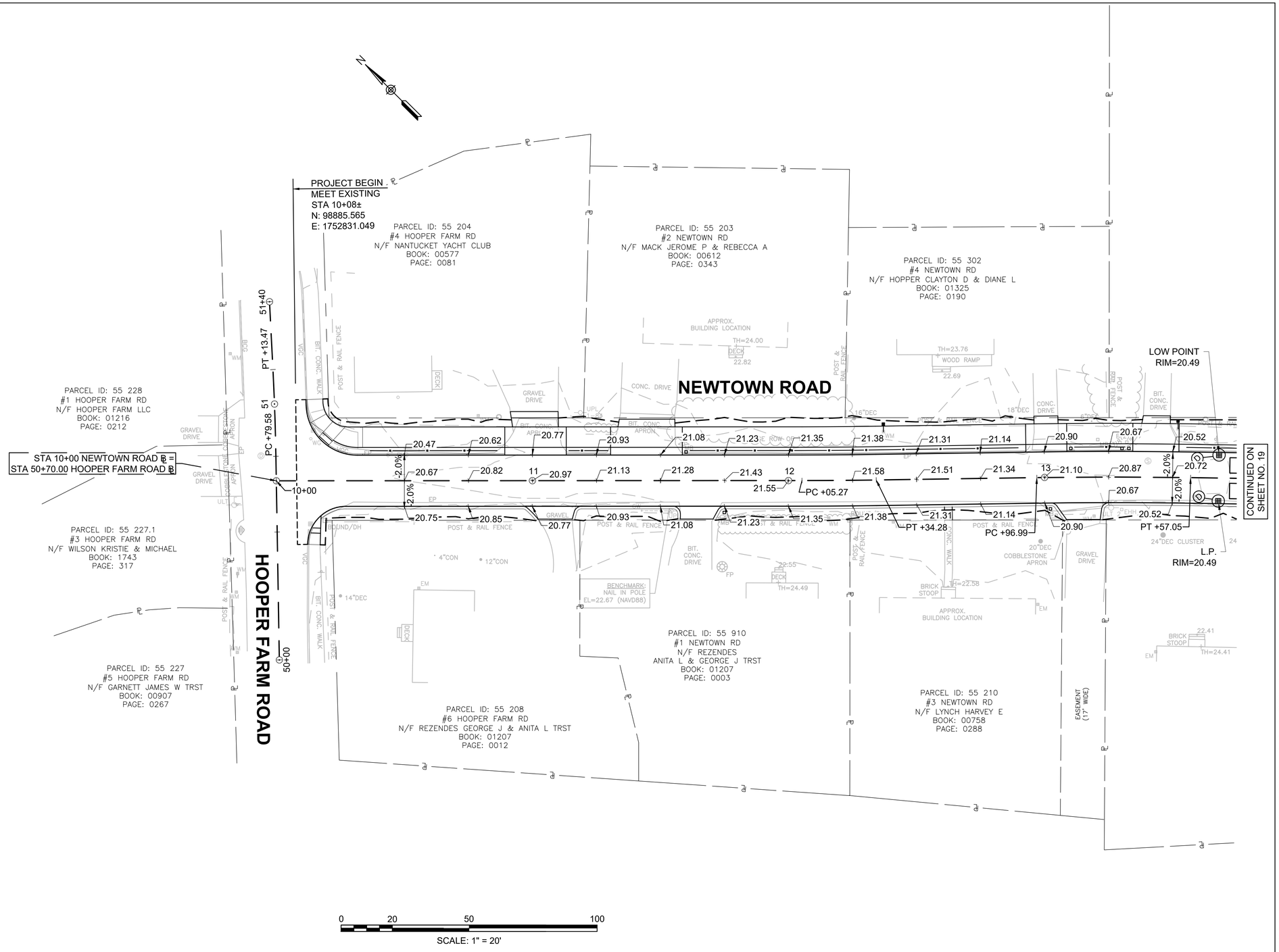
THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

ROADWAY IMPROVEMENTS ALONG NEWTOWN ROAD NANTUCKET, MASSACHUSETTS

CURB TIE PLANS - 03

Sheet No. 17

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\09_CURB TIE.dwg Plot Date: Sep 30,2024-5:13pm



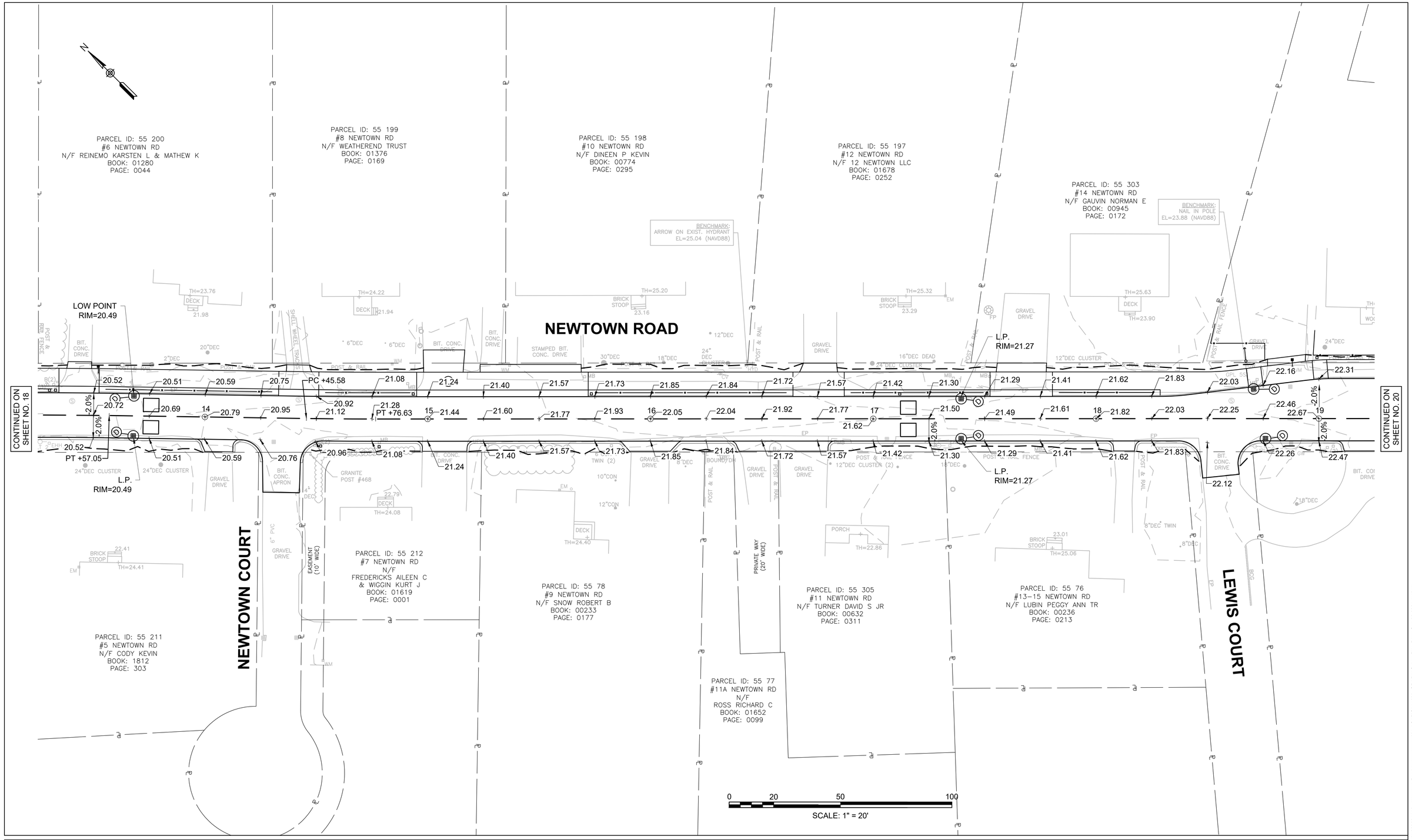
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						Date	SEPTEMBER 2024	
						Job No.	23004456	
						Designed by	JM	
						Drawn by	JM	
						Checked by	PRT	
			MARK	DATE	DESCRIPTION	Approved by	JDF	

ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

GRADING PLANS - 01

Sheet No.
18

Drawing file: I:\Nantucket\00-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\09_GRADING.dwg Plot Date: Sep 30,2024-5:13pm



			Scale	AS NOTED
			Date	SEPTEMBER 2024
			Job No.	23004456
			Designed by	JM
			Drawn by	JM
			Checked by	PRT
MARK	DATE	DESCRIPTION	Approved by	JDF

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

ROADWAY IMPROVEMENTS ALONG NEWTOWN ROAD NANTUCKET, MASSACHUSETTS

GRADING PLANS - 02

Sheet No. 19

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\09_GRADING.dwg Plot Date: Sep 30,2024-5:13pm

END PROJECT
MEET EXISTING
STA 22+32±
N: 98053.932
E: 1753729.210

FAIRGROUNDS ROAD

NEWTOWN ROAD

PARCEL ID: 55 304
#16 NEWTOWN RD
N/F HUGHES JAMES & KIPPER
BOOK: 1741
PAGE: 266

PARCEL ID: 55 73
#18 NEWTOWN RD
N/F HUGHES ERIK
BOOK: 1741
PAGE: 140

PARCEL ID: 55 72
#20 NEWTOWN RD
N/F HUGHES TAYLOR
BOOK: 1742
PAGE: 59

PARCEL ID: 67 40
#2 FAIRGROUNDS RD
N/F NANTUCKET TOWN OF
BOOK: C0021348
PAGE: 0

PARCEL ID: 55 74.1
#17 NEWTOWN RD
N/F HUGHES
CHARLES A & JEAN TRST
BOOK: 01458
PAGE: 0247

PARCEL ID: 55 74
#19 NEWTOWN RD
N/F HUGHES
CHARLES A & JEAN TRST
BOOK: 01462
PAGE: 0117

PARCEL ID: 55 75
#2 LEWIS CT
N/F HUGHES JAMES G
BOOK: 00199
PAGE: 0046

PARCEL ID: 55 74.2
NEWTOWN RD
N/F HUGHES JAMES G
BOOK: 00717
PAGE: 0235

STA 22+08 NEWTOWN ROAD ℄ =
STA 60+75.00 FAIRGROUNDS ROAD ℄

RIM:26.65
RIM:26.43
27.2 (EX)
26.9 (EX)
27.3 (EX)
27.1 (EX)

CONTINUED ON SHEET NO. 19

RENCHMARK:
NAIL IN POLE
EL=28.82 (NAVD88)

0 20 50 100
SCALE: 1" = 20'

			Scale	AS NOTED
			Date	SEPTEMBER 2024
			Job No.	23004456
			Designed by	JM
			Drawn by	JM
			Checked by	PRT
MARK	DATE	DESCRIPTION	Approved by	JDF

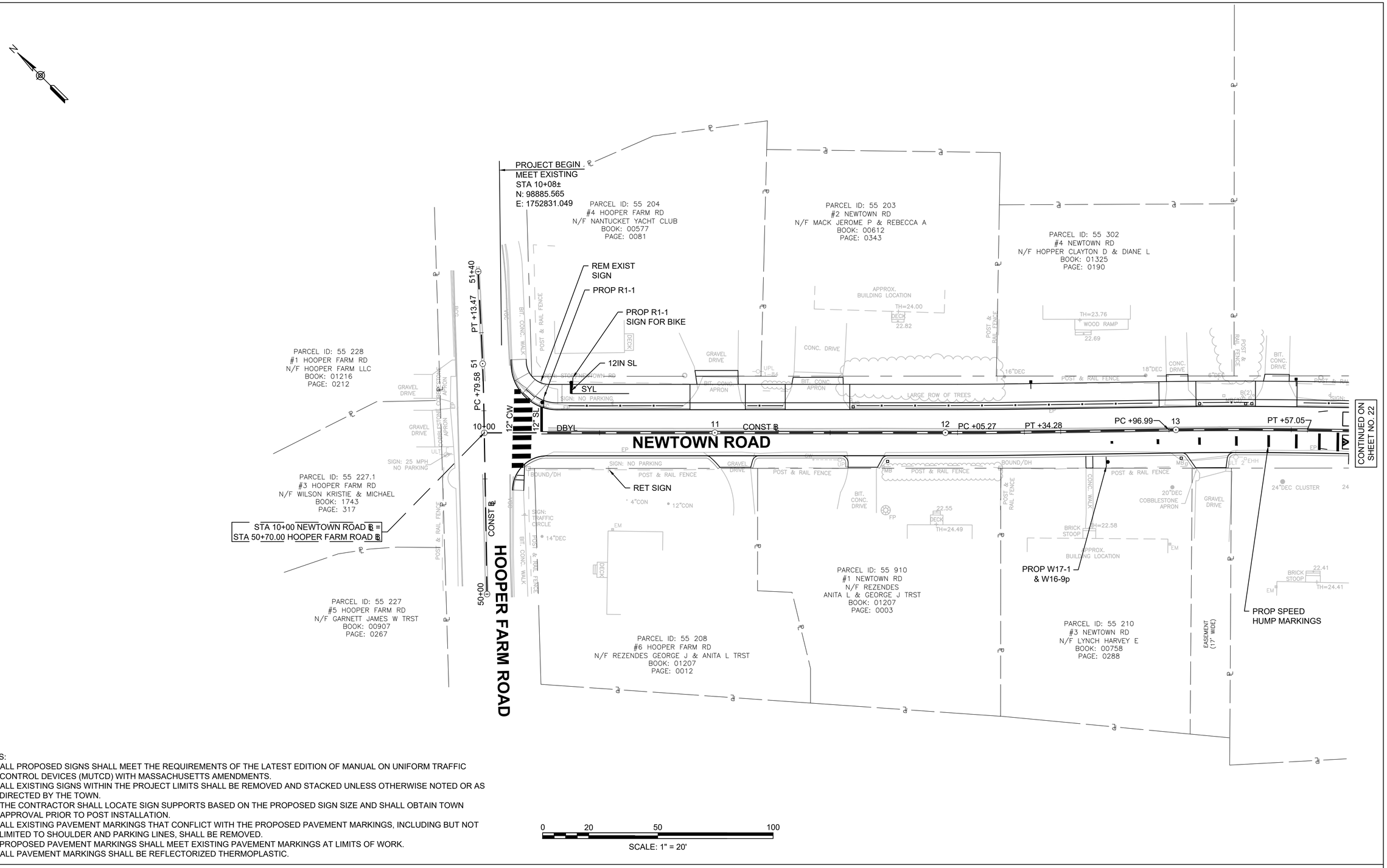
THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

GRADING PLANS - 03

Sheet No. 20

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\09_GRADING.dwg Plot Date: Sep 30,2024-5:13pm



NOTES:

1. ALL PROPOSED SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) WITH MASSACHUSETTS AMENDMENTS.
2. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND STACKED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE TOWN.
3. THE CONTRACTOR SHALL LOCATE SIGN SUPPORTS BASED ON THE PROPOSED SIGN SIZE AND SHALL OBTAIN TOWN APPROVAL PRIOR TO POST INSTALLATION.
4. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS, INCLUDING BUT NOT LIMITED TO SHOULDER AND PARKING LINES, SHALL BE REMOVED.
5. PROPOSED PAVEMENT MARKINGS SHALL MEET EXISTING PAVEMENT MARKINGS AT LIMITS OF WORK.
6. ALL PAVEMENT MARKINGS SHALL BE REFLECTORIZED THERMOPLASTIC.

MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

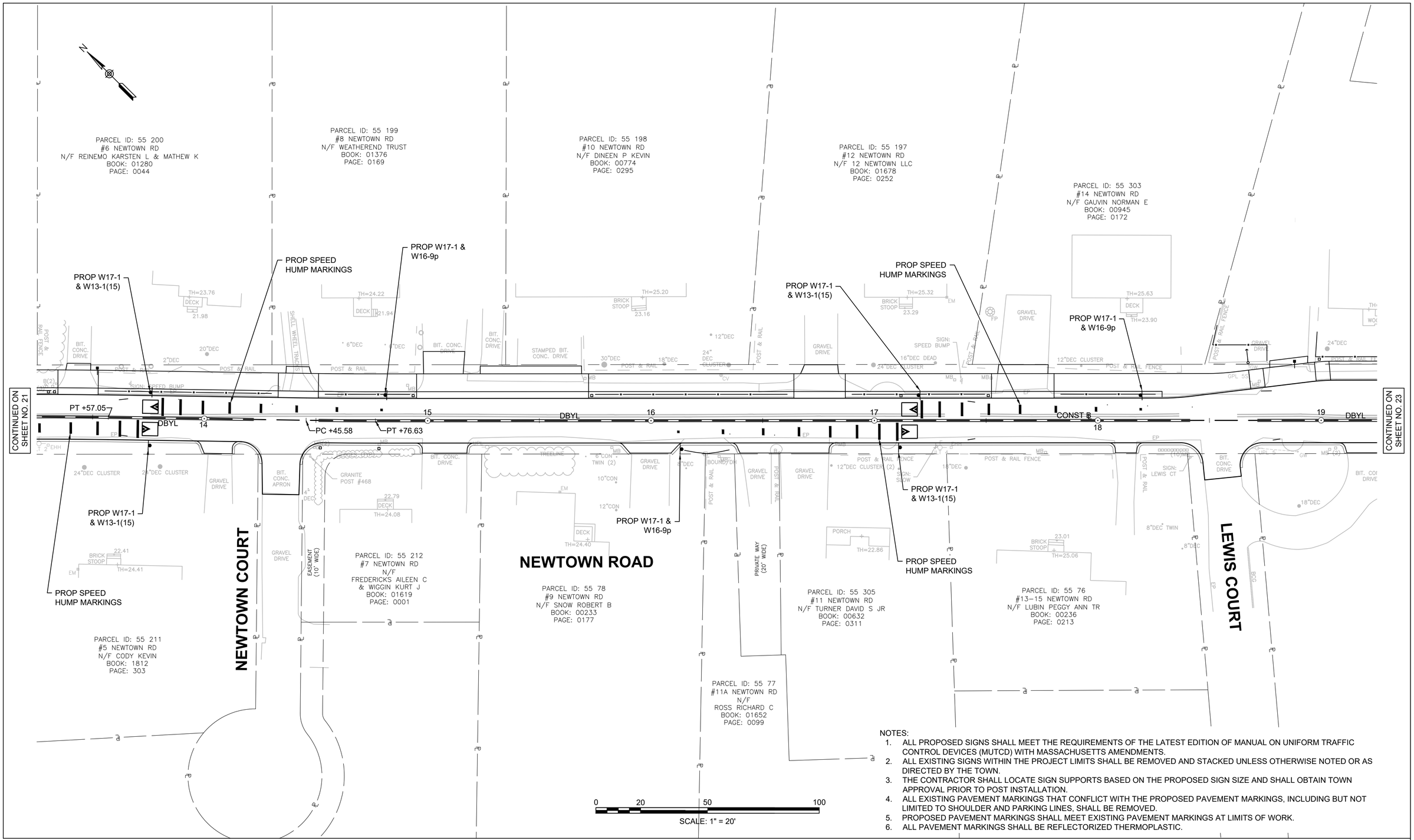
THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

TRAFFIC SIGN & PAVEMENT MARKING PLANS - 01

Sheet No. 21

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\10_TRAFFIC SIGNS & PAVEMENT MARKINGS PLAN.dwg Plot Date: Sep 30,2024-5:13pm



NOTES:

1. ALL PROPOSED SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) WITH MASSACHUSETTS AMENDMENTS.
2. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND STACKED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE TOWN.
3. THE CONTRACTOR SHALL LOCATE SIGN SUPPORTS BASED ON THE PROPOSED SIGN SIZE AND SHALL OBTAIN TOWN APPROVAL PRIOR TO POST INSTALLATION.
4. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS, INCLUDING BUT NOT LIMITED TO SHOULDER AND PARKING LINES, SHALL BE REMOVED.
5. PROPOSED PAVEMENT MARKINGS SHALL MEET EXISTING PAVEMENT MARKINGS AT LIMITS OF WORK.
6. ALL PAVEMENT MARKINGS SHALL BE REFLECTORIZED THERMOPLASTIC.

MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

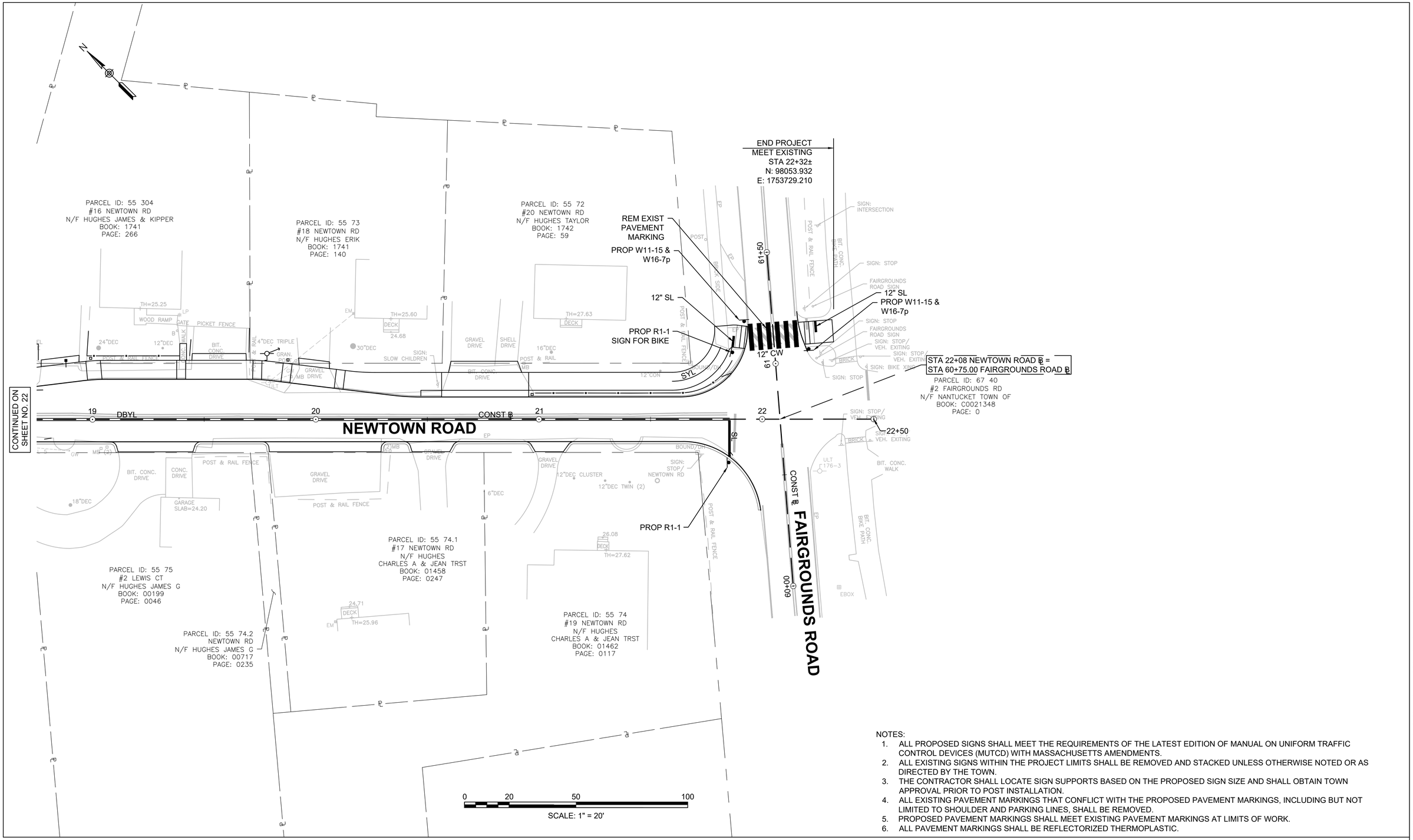
THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

ROADWAY IMPROVEMENTS ALONG NEWTOWN ROAD NANTUCKET, MASSACHUSETTS

TRAFFIC SIGN & PAVEMENT MARKING PLANS - 02

Sheet No. 22

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\10_TRAFFIC SIGNS & PAVEMENT MARKINGS PLAN.dwg Plot Date: Sep 30,2024-5:13pm



NOTES:

1. ALL PROPOSED SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) WITH MASSACHUSETTS AMENDMENTS.
2. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND STACKED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE TOWN.
3. THE CONTRACTOR SHALL LOCATE SIGN SUPPORTS BASED ON THE PROPOSED SIGN SIZE AND SHALL OBTAIN TOWN APPROVAL PRIOR TO POST INSTALLATION.
4. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS, INCLUDING BUT NOT LIMITED TO SHOULDER AND PARKING LINES, SHALL BE REMOVED.
5. PROPOSED PAVEMENT MARKINGS SHALL MEET EXISTING PAVEMENT MARKINGS AT LIMITS OF WORK.
6. ALL PAVEMENT MARKINGS SHALL BE REFLECTORIZED THERMOPLASTIC.

MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

ROADWAY IMPROVEMENTS ALONG NEWTOWN ROAD NANTUCKET, MASSACHUSETTS

TRAFFIC SIGN & PAVEMENT MARKING PLANS - 03

Sheet No. 23

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\10_TRAFFIC SIGNS & PAVEMENT MARKINGS PLAN.dwg Plot Date: Sep 30,2024-5:13pm

TRAFFIC SIGN SUMMARY - NEWTOWN ROAD

IDENTIFI-CATION NUMBER	SIZE OF SIGN (INCHES)		TEXT	TEXT DIMENSIONS (INCHES)		NUMBER OF SIGNS REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA IN SQUARE FEET	TOTAL AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING		BACK-GROUND	LEGEND	BORDER			
R1-1	30	30		MUTCD STANDARD		4	MUTCD STANDARD			P5 (4)	6.25	25.00
W11-15	30	30				2				P5 (2)	6.25	12.5
W13-1(15)	18	18				4				MOUNT WITH W17-1 (4)	2.25	4.50
W16-7p	24	12				2				MOUNT WITH W11-15	2	4
W17-1	30	30				8				P5 (8)	6.25	50
W16-9p	24	12				4				MOUNT WITH W17-1 (4)	2	8

NOTES:

1. SEE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES 2009 EDITION WITH LATEST REVISIONS AND MASSACHUSETTS AMENDMENTS FOR LATEST SPECIFICATIONS ON TEXT DIMENSIONS AND COLOR.
2. HIGH INTENSITY ENCAPSULATED LENS REFLECTIVE SHEETING SHALL BE USED FOR ALL SIGNS. THE 2009 "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", THE 1990 MDPW "STANDARD DRAWINGS FOR SIGNS AND SUPPORTS", AND ALL AMENDMENTS WILL GOVERN.
3. ADDITIONAL SIGNS SHALL BE REPLACED AND/OR PROVIDED AT THE REQUEST OF THE TOWN. PRIOR TO ORDERING SIGNAGE, THE CONTRACTOR SHALL FIELD VERIFY SIGNAGE TO BE REPLACED WITH THE TOWN AND SUBMIT SHOP DRAWINGS OF ALL PROPOSED SIGNAGE FOR REVIEW AND APPROVAL BY THE TOWN.

MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

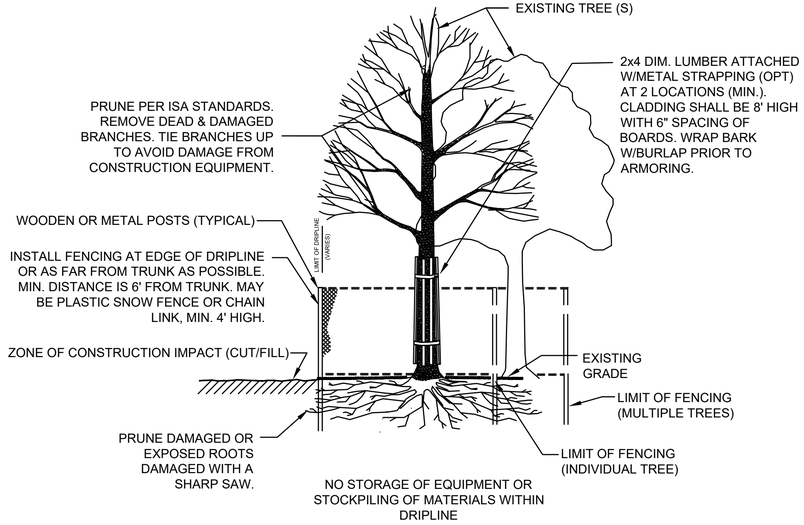
THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

SIGN SUMMARY

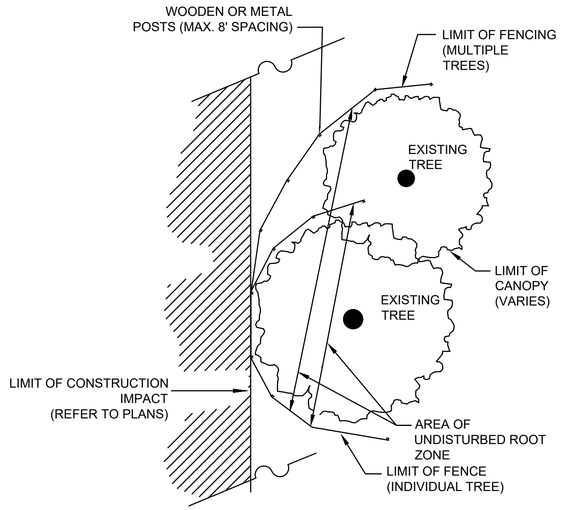
Sheet No. 24

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\1_SIGN SUMMARY.dwg Plot Date: Sep 30,2024-5:14pm



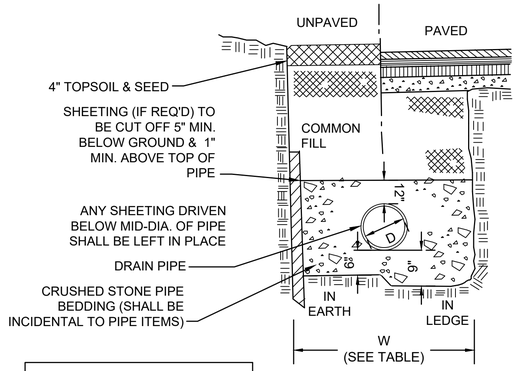
TREE PROTECTION DETAIL - ELEVATION VIEW

N.T.S.



TREE PROTECTION DETAIL - PLAN VIEW

N.T.S.



TRENCH WIDTH	
D DIAMETER OF PIPE	W
TO 12"	4'
14" TO 24"	5'
30" TO 36"	6'

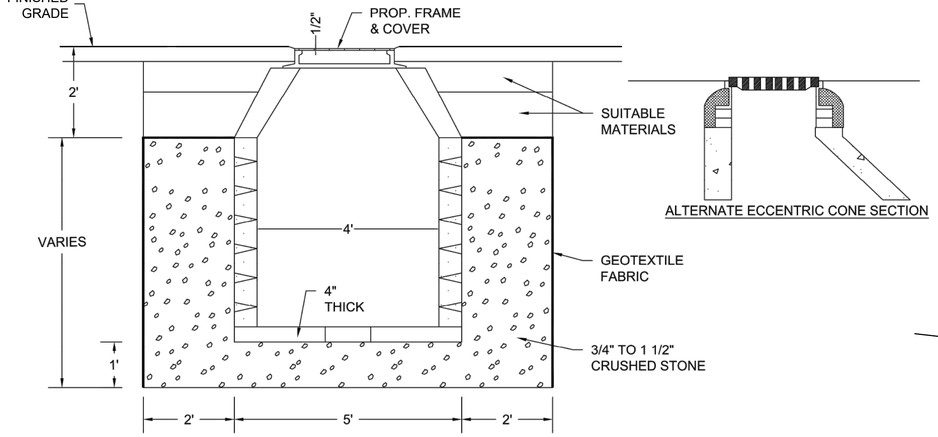
PERMANENT HMA TRENCH PATCH
(SEE PAVEMENT NOTES SHEET 4)

NOTES:
1. COMMON FILL MATERIAL TO CONSIST OF GRANULAR MATERIAL CONTAINING NO STONES LARGER THAN 6" IN GREATEST DIMENSION.
2. BACKFILL WITH SELECT MATERIAL CONTAINING NO STONES LARGER THAN 3" IN GREATEST DIMENSION TO 12" OVER PIPE FOR SEWER AND DRAIN PIPES.
3. PROVIDE SCREENED GRAVEL BEDDING TO MID PIPE DIAMETER WHERE GROUNDWATER IS ENCOUNTERED AS DIRECTED BY THE ENGINEER.
4. REMOVE UNSUITABLE MATERIAL BELOW GRADE IF ENCOUNTERED, TO SUITABLE DEPTHS AS DIRECTED BY ENGINEER AND REPLACE WITH CLEAN GRANULAR FILL.
5. PAYMENT FOR HMA PERMANENT TRENCH PATCHING SHALL BE PAID FOR UNDER ITEM 451. HMA FOR PATCHING

NOTES:
1. ALL TRENCH CONSTRUCTION TO CONFORM TO APPLICABLE FEDERAL, STATE AND LOCAL REQULATIONS.
2. COMPACT FILL AND TAMP PIPE TO 93% MAX. DENSITY UNLESS OTHERWISE SPECIFIED.

PERMANENT TRENCH PATCH

N.T.S.



LEACHING BASIN

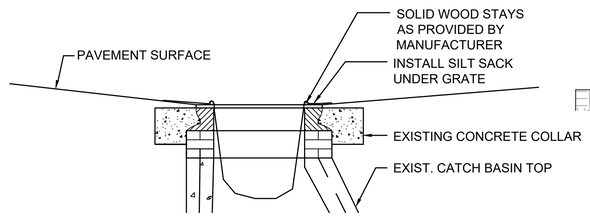
NOT TO SCALE

NOTES:

1. BASED ON ACTUAL FIELD CONDITIONS; THE CONTRACTOR SHALL DETERMINE WHICH STYLE OF TOP SECTION SHOULD BE USED.

NOTES:

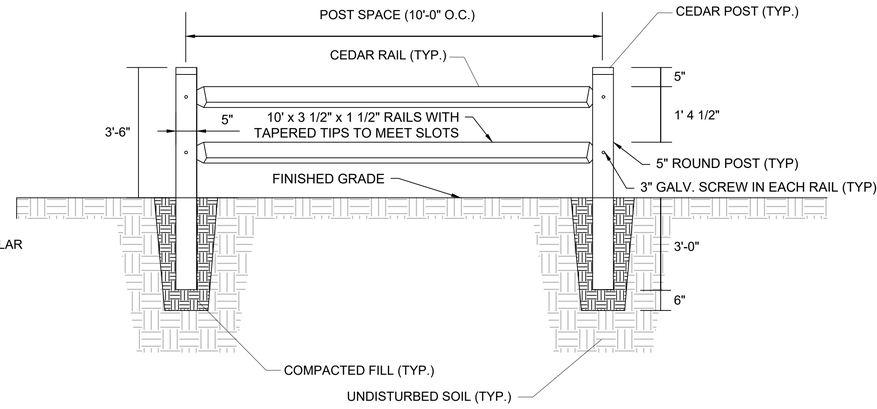
1. CEMENT CONCRETE FOR LEACHING BASIN SHALL BE 4000 PSI, 1 1/2", 565 LB.
2. IF CONCRETE BLOCK, WALL THICKNESS = 6"
3. IF REINFORCED/PRECAST, WALL THICKNESS = 5" MIN.
4. LEACHING BASINS MAY BE ECCENTRIC TO AVOID UTILITY CONFLICTS IF REQUIRED.



NOTES:
1. REMOVE ACCUMULATED SEDIMENTS AS REQUIRED TO MANTAIN DRAINAGE.
2. INSPECT FABRIC EVERY WEEK DURING CONSTRUCTION.

SILT SACK

N.T.S.



SPLIT RAIL FENCE

N.T.S.

MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	SEPTEMBER 2024
Job No.	23004456
Designed by	JM
Drawn by	JM
Checked by	PRT
Approved by	JDF

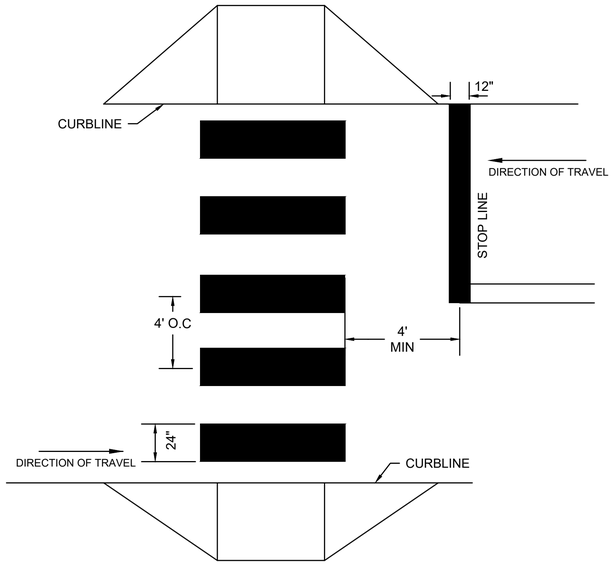
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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

CONSTRUCTION DETAILS - 01

Sheet No.
25

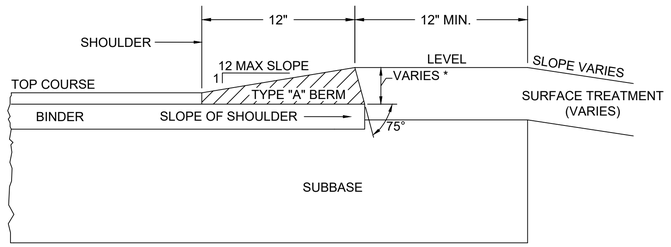
Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\12_CONSTRUCTION DETAILS.dwg Plot Date: Sep 30,2024-5:14pm



NOTES:
1. ALL 12" LINES SHALL BE APPLIED IN ONE APPLICATION, NO COMBINATION OF LINES (TWO - 6" LINES) WILL BE ACCEPTED.
2. LAYOUT OF CROSSWALKS SHALL BE ORIENTATED IN THE DIRECTION OF TRAVEL. LAYOUT SHALL BE APPROVED BY THE TOWN AND/OR ENGINEER PRIOR TO APPLICATION.
3. ALL CROSSWALKS INSTALLED SHALL CONFORM TO THE RELEVANT PROVISIONS OF THE COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DATED 2023, SECTION 860 FOR REFLECTORIZED LINE & MATERIAL M7.01.03.

8' WIDE CROSSWALK WITH 12" WIDE LINES

N.T.S.

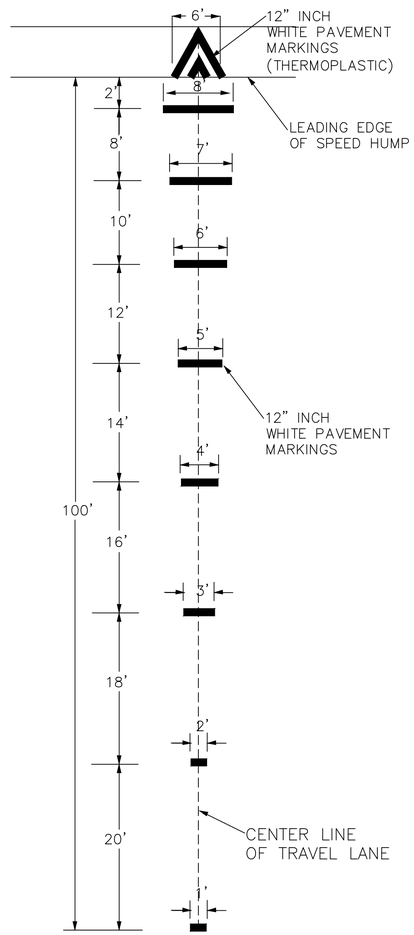


NOTES:
* THIS DIMENSION VARIES WITH THE THICKNESS OF THE TOP COURSE AND SLOPE OF BINDER

** FOR MODIFIED BERMS THE SLOPE REMAINS CONSTANT AT 1 (V) TO 12 (H)

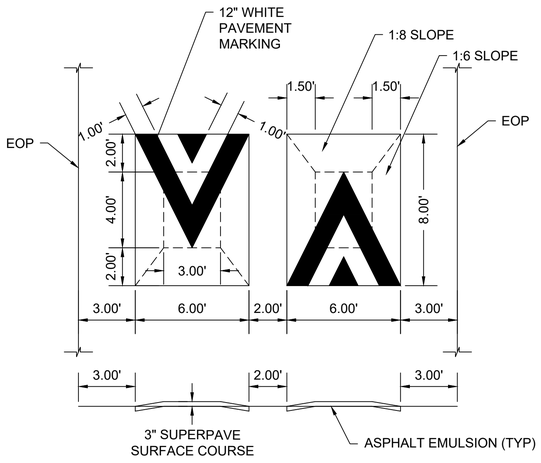
HOT MIX ASPHALT BERM TYPE A - MODIFIED

N.T.S.



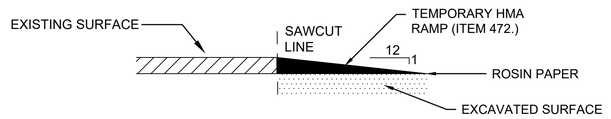
ADVANCED WARNING MARKINGS FOR RAISED ELEMENTS

N.T.S.



SPEED LUMP DETAIL

N.T.S.



TEMPORARY HMA RAMP

N.T.S.

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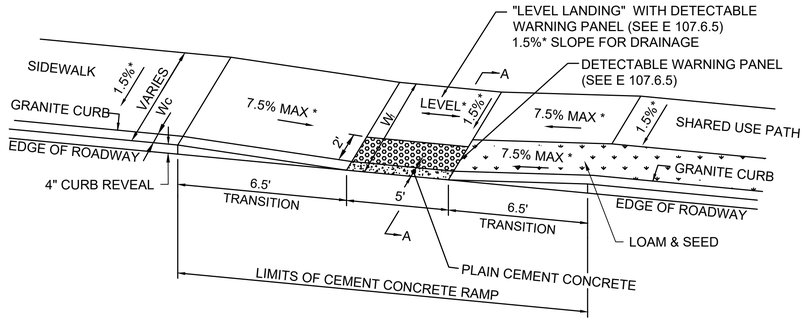
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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

CONSTRUCTION DETAILS - 02

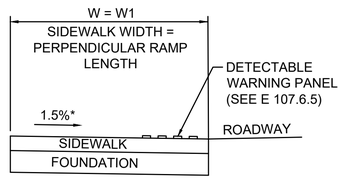
Sheet No.
26

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\2_CONSTRUCTION DETAILS.dwg Plot Date: Sep 30,2024-5:14pm



PEDESTRIAN CURB RAMP #1 DETAIL

N.T.S.



SECTION A-A

LEGEND:

HSL HIGH SIDE FRONT TRANSITION LENGTH (SEE E 107.9.0)

W SIDEWALK WIDTH

Wc CURB WIDTH

W1 PERPENDICULAR RAMP LENGTH

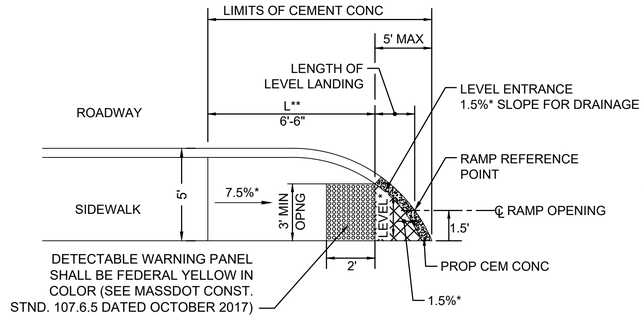
CC CEMENT CONCRETE

* TOLERANCE FOR CONSTRUCTION ±0.5%

** 3IN CURB REVEAL

USABLE SIDEWALK WIDTH PER AAB = W - Wc

USABLE SIDEWALK WIDTH PER AAB IS NOT TO BE LESS THAN 4'0"

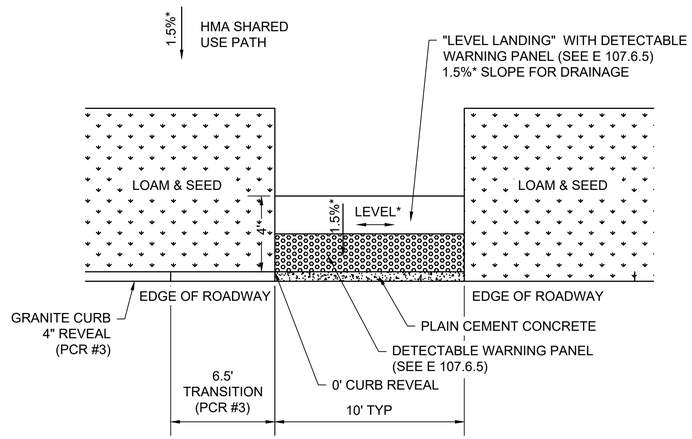


PEDESTRIAN CURB RAMP #2 DETAIL

N.T.S.

NOTES:

- SEE CONSTRUCTION STANDARD E 107.6.0
- *CONSTRUCTION TOLERANCE ±0.5%
- **SEE CONSTRUCTION STANDARD E 107.9.0



PEDESTRIAN CURB RAMP #3 & #4 DETAIL

N.T.S.

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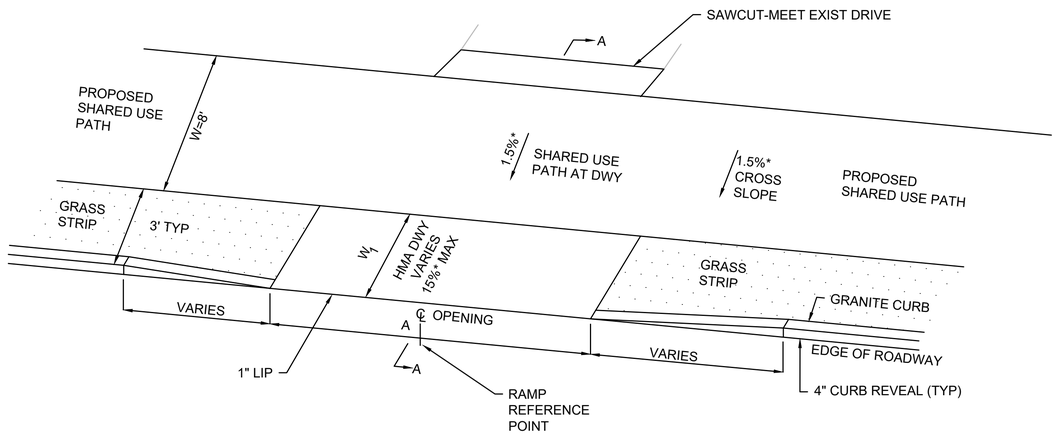
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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

PEDESTRIAN CURB RAMP & DRIVEWAY DETAILS - 01

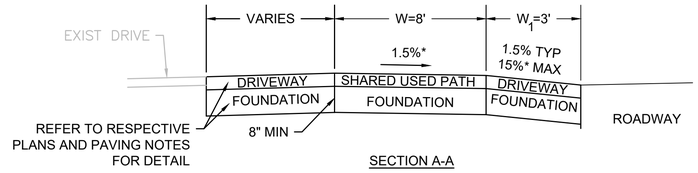
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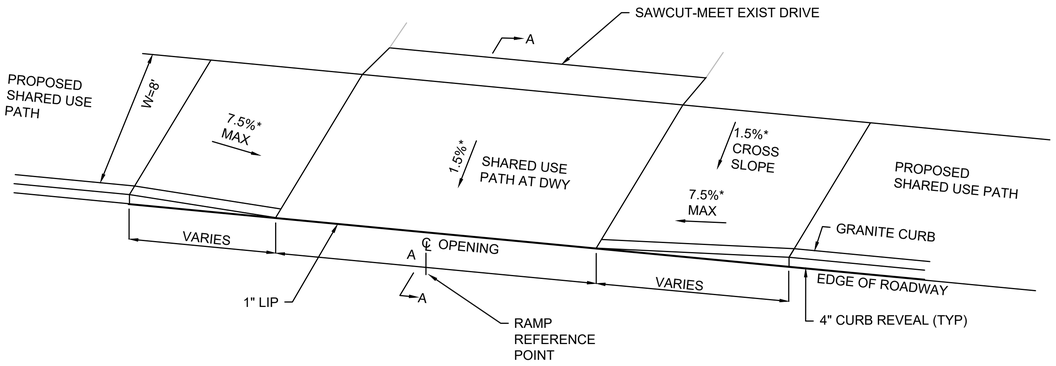


SHARED-USE PATH THROUGH DRIVEWAY WITH GRASS STRIP DETAIL

N.T.S.

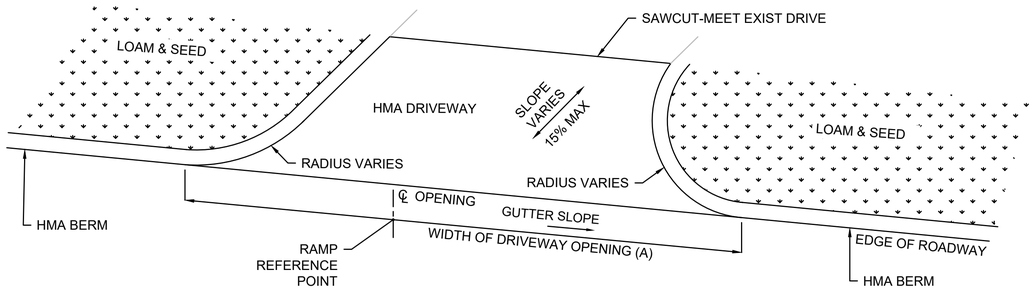


SECTION A-A



SHARED-USE PATH THROUGH DRIVEWAY DETAIL

N.T.S.



HOT MIX ASPHALT DRIVEWAY DETAIL

N.T.S.

LEGEND:

HMA = HOT MIX ASPHALT

* TOLERANCE FOR CONSTRUCTION ±0.5%

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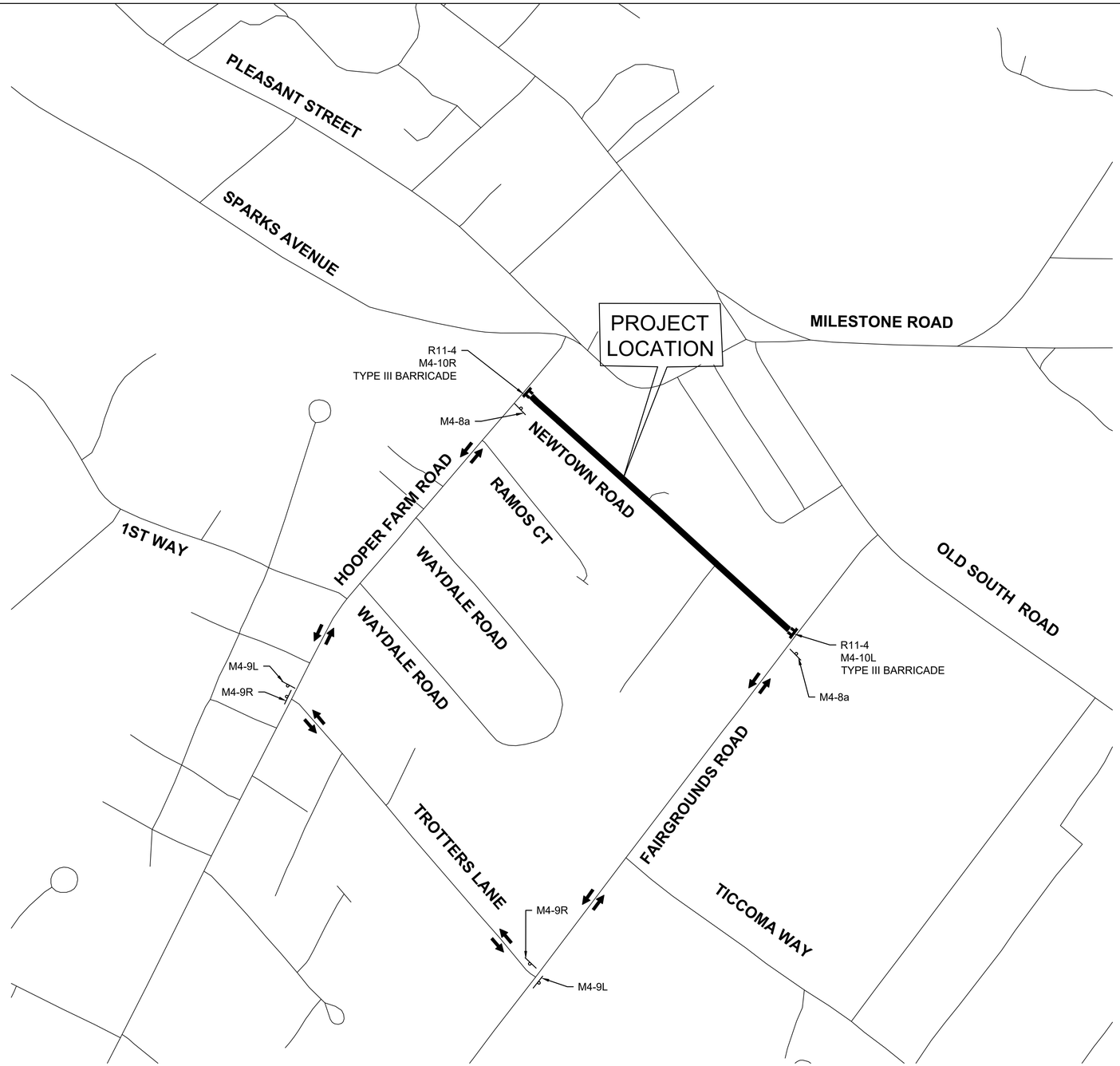
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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

PEDESTRIAN CURB RAMP & DRIVEWAY DETAILS - 02

Sheet No. 28

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\2_CONSTRUCTION DETAILS.dwg Plot Date: Sep 30,2024-5:14pm



DETOUR PLAN

0 200 400 600 800

SCALE: 1" = 200'

NOTES:

1. ALL CONSTRUCTION SIGNING, DRUMS, BARRICADES AND OTHER DEVICES SHALL CONFORM WITH PART 6 OF THE LATEST EDITION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).
2. TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF ANY WORK.
3. ALL CHANNELIZING DEVICES SHALL BE SET @ 25' O.C. MAX. UNLESS OTHERWISE NOTED OR ADJUSTED BY THE TOWN AND/OR RESIDENT ENGINEER.
4. ALL DRUMS SHALL BE APPROPRIATELY PLACED AND MOVED AS NECESSARY TO MAINTAIN ADEQUATE ABUTTER ACCESS AT ALL TIMES. WORK MAY REQUIRE ADDITIONAL SIGNS, DRUMS AND OTHER TRAFFIC CONTROL DEVICES, GRADING AND TEMPORARY PAVEMENT FOR PASSAGE OF PEDESTRIAN, VEHICULAR AND EMERGENCY TRAFFIC THROUGH THE WORK AREAS, BOTH DURING AND AFTER WORK HOURS, TO MAINTAIN SUCH ACCESS.
5. ALL DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITIONS, AS DIRECTED BY THE TOWN. HOWEVER, MINIMUM DISTANCES, WHERE INDICATED, SHALL BE MAINTAINED.
6. THE CONTRACTOR SHALL NOTIFY EACH ABUTTER AT LEAST 48 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OF ACCESS, SUCH AS EXISTING PAVEMENT EXCAVATION, TEMPORARY DRIVEWAY PAVEMENT PLACEMENT AND SIMILAR OPERATIONS.
7. THE CONTRACTOR SHALL NOTIFY THE TOWN OF NANTUCKET POLICE, FIRE, AND DEPARTMENT OF PUBLIC WORKS AT LEAST 48 HOURS IN ADVANCE OF LANE CLOSURES.
8. GRADE SEPARATIONS IN EXCESS OF 2 INCHES DURING NON-WORKING HOURS WILL REQUIRE DELINEATION BY USE OF DRUMS.
9. EXCAVATION EDGES IN EXCESS OF 4 INCHES DEEP SHALL BE PROTECTED DURING NON-WORKING HOURS BY BACKFILLING WITH A WEDGE OF GRAVEL, TEMP HMA OR SOIL COMPACTED TO A 4:1 SLOPE, AS DIRECTED.
10. REMOVE EXISTING PAVEMENT MARKINGS AND PROVIDE TEMPORARY PAVEMENT MARKINGS AS APPLICABLE TO EACH PHASE OF THE CONSTRUCTION AS DIRECTED BY THE TOWN. 10' MINIMUM TRAVEL LANE WIDTHS SHALL BE PROVIDED DURING CONSTRUCTION.
11. NONESSENTIAL TEMPORARY CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL BE COVERED OR REMOVED DURING NON-WORKING HOURS.
12. ADVISORY SPEED PLATES (W13-1) SHALL BE USED IF APPROPRIATE AND AS DIRECTED BY THE TOWN AND/OR RESIDENT ENGINEER.
13. SUPPORTS FOR ALL TRAFFIC MANAGEMENT SIGNS SHALL BE 4" X 4" PRESSURE TREATED WOOD POSTS.
14. ALL SIGNS SHALL BE MOUNTED ON THEIR OWN STANDARD SIGN SUPPORT.
15. ANY LANE CLOSURE OR ROAD CLOSURE FOR DETOUR WORK MUST BE PERFORMED BETWEEN THE HOURS OF 7:00 AM - 3:30 PM ONLY, EXCEPT FOR A SHORT PERIOD OF TIME AS APPROVED BY THE TOWN. WORKING BEYOND THESE HOURS OR OVER THE WEEKEND MUST BE APPROVED BY THE TOWN.
16. ALL TEMPORARY TRAFFIC CONTROL WORK FOR SIDEWALK CLOSURE AND PEDESTRIAN DETOUR SHALL CONFORM TO THE LATEST EDITION OF THE MASSDOT STANDARD DETAILS AND DRAWINGS FOR THE DEVELOPMENT OF TEMPORARY TRAFFIC CONTROL PLANS FIGURE PED-1 TO FIGURE PED-7.
17. AT THE END OF EACH CONSTRUCTION DAY, NO TRAFFIC CONTROL DEVICES SHALL REMAIN IN THE ROADWAY, ROADWAYS WILL BE PATCHED AND OPEN TO TRAVEL AT THE END OF EACH WORK WEEK, EXCAVATIONS WILL BE BACKFILLED, COMPACTED AND PAVED AND TEMPORARY PAVEMENT MARKINGS PROVIDED WHERE APPROPRIATE.

LEGEND

- PROPOSED TRAFFIC FLOW
- PROJECT AREA
- TYPE III BARRICADE
- CONSTRUCTION SIGN

TOWN OF NANTUCKET MASS. INCORPORATED 1671

APEX

MARK	DATE	DESCRIPTION

Scale	AS NOTED
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Checked by	PRT
Approved by	JDF

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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

TEMPORARY TRAFFIC CONTROL PLANS - 01

Sheet No.
29

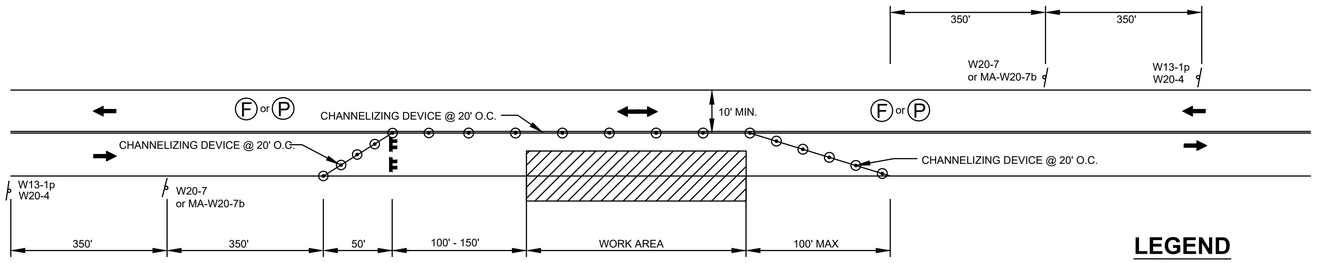
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TEMPORARY TRAFFIC CONTROL SIGN SUMMARY

IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES) WIDTH	HEIGHT	TEXT	TEXT DIMENSIONS (INCHES) LETTER HEIGHT	VERTICAL SPACING	COLOR BACKGROUND	LEGEND	BORDER	UNIT AREA IN SQUARE FEET
W13-1p	18	18	15 MPH	MUTCD STANDARD		YELLOW	BLACK	BLACK	2.25
W20-4	36	36	ONE LANE ROAD AHEAD			ORANGE	BLACK	BLACK	9.00
W20-7	36	36				ORANGE	BLACK	BLACK	9.00
MA-W20-7b	36	36	POLICE DETAIL AHEAD			ORANGE	BLACK	BLACK	9.00
M4-8a	24	18	END DETOUR			ORANGE	BLACK	BLACK	3.00
M4-9L	30	24	DETOUR			ORANGE	BLACK	BLACK	5.00
M4-9AL	30	24	DETOUR			ORANGE	BLACK	BLACK	5.00
M4-9R	30	24	DETOUR			ORANGE	BLACK	BLACK	5.00
M4-10L	48	18	DETOUR			ORANGE	BLACK	BLACK	6.00
M4-10R	48	18	DETOUR			ORANGE	BLACK	BLACK	6.00
R11-4	60	30	ROAD CLOSED TO THRU TRAFFIC			WHITE	BLACK	BLACK	12.50

NOTE:

REFER TO "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", "MASSACHUSETTS AMENDMENTS TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", AND "MASSDOT STANDARD DETAILS AND DRAWINGS FOR THE DEVELOPMENT OF TEMPORARY TRAFFIC CONTROL DEVICES" (LATEST EDITIONS).



NOTES:

1. WORK THAT WILL DISRUPT EXISTING TRAFFIC PATTERNS WITHIN THE EXISTING ROADWAYS (LANE REDUCTION, ETC.) SHALL ONLY BE DONE DURING OFF PEAK HOURS. NUMBERS AND LOCATION OF POLICE DETAILS FOR WORK ZONE AND/OR DETOUR MANAGEMENT SHALL BE DETERMINED BY THE RESIDENT ENGINEER ON A CASE BY CASE BASIS, AS WORK PROGRESSES.
2. TEMPORARY LANE CLOSURES SHOWN ARE FOR ROADWAY CONSTRUCTION. ALL DRUMS AND SIGNS ARE SHOWN AS THEY SHOULD APPEAR DURING THE WORKING DAY, OR WHILE OPERATING IN THE WORK ZONE. FOR WORK ON OPPOSITE SIDES OF ROADWAY, REVERSE ALL SIGNING, DRUMS, AND TAPER LENGTHS.

ONE LANE ALTERNATING TRAFFIC

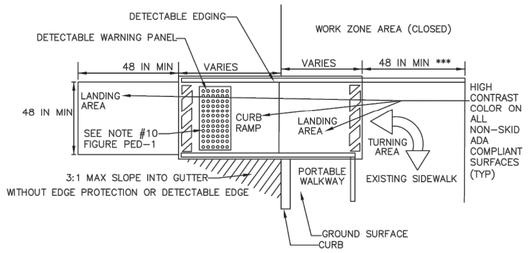
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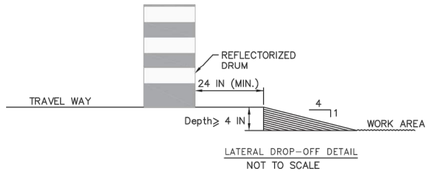
LEGEND

- REFLECTORIZED DRUM
- PROPOSED TRAFFIC FLOW
- WORK ZONE
- TYPE III BARRICADE
- (P) POLICE DETAIL
- (F) FLAGGER
- CONSTRUCTION SIGN

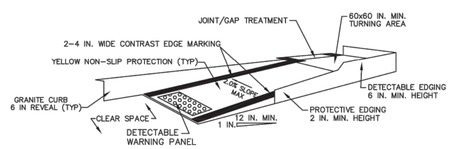
NOTES:

1. CURB RAMPS SHALL BE 60 IN. MINIMUM WIDTH WITH A FIRM, STABLE AND NON–SLIP SURFACE.
2. PROTECTIVE EDGING WITH A 2 IN. MINIMUM HEIGHT SHALL BE INSTALLED WHEN THE CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6 IN. OR GREATER OR HAS A SIDE APRON SLOP STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN THE CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3 IN. OR MORE.
3. DETECTABLE EDGING WITH 6 IN. MINIMUM HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. THE CURB RAMP WALKWAY AND LANDING AREA SURFACE SHALL BE OF A SOLID CONTINUOUS CONTRASTING COLOR ABUTTING UP TO THE EXISTING SIDEWALK.
5. CURB RAMPS AND LANDINGS SHOULD HAVE A 1:50 (2%) MAX CROSS–SLOPE.
6. CLEAR SPACE OF 48x48 IN. MINIMUM SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
7. WATER FLOW IN THE GUTTER SYSTEM SHALL HAVE MINIMAL RESTRICTION.
8. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 0.5 IN. WIDTH.
9. CHANGES BETWEEN SURFACE HEIGHTS SHOULD NOT EXCEED 0.5 IN; LATERAL EDGES SHOULD BE VERTICAL UP TO 0.25 IN. HIGH, AND BEVELED AT 1:2 BETWEEN 0.25 IN. AND 0.5 IN. HEIGHT.
10. IF A TEMPORARY PEDESTRIAN RAMP LEADS TO A CROSSWALK, THEN A DETECTABLE WARNING PAD MUST BE ADHERED TO THE BASE OF THE RAMP. IF IT LEADS TO A PROTECTED PEDESTRIAN BYPASS THAT DOES NOT CONFLICT WITH VEHICULAR TRAFFIC, THEN A PAD SHALL NOT BE INSTALLED ON THE RAMP.

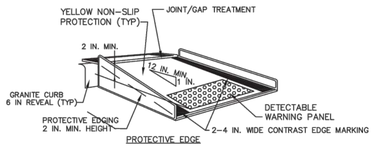




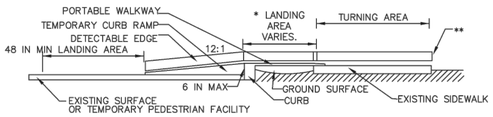
LATERAL DROP–OFF DETAIL
NOT TO SCALE



TEMPORARY CURB RAMP–PARALLEL TO CURB



TEMPORARY CURB RAMP–PERPENDICULAR TO CURB

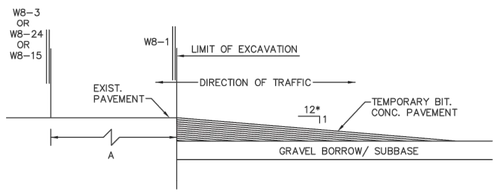


TEMPORARY CURB RAMP

* –LANDING AREA USED TO OVERLAP NON–ADA COMPLIANT SURFACES.

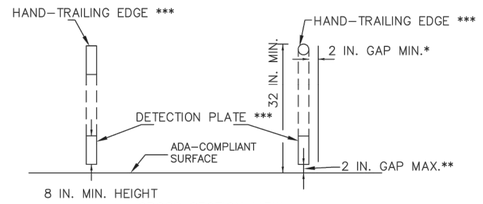
** –DETECTABLE EDGE REMOVED IF A CONTINUOUS SIDEWALK.

*** –60 IN. IF AN OBSTRUCTION IS AT BACK OF SIDEWALK



LONGITUDINAL DROP–OFF DETAIL
NOT TO SCALE

* – INCREASE SLOPE RATIO FOR HIGHER SPEEDS



CROSS SECTION VIEW

PEDESTRIAN CHANNELIZING DEVICE

NOTES:

* THERE SHALL BE A 2 INCH GAP BETWEEN THE HAND–TRAILING EDGE AND ITS SUPPORT.
** A MAXIMUM 2 INCH GAP BETWEEN THE BOTTOM OF THE BOTTOM RAIL AND THE SURFACE MAY BE USED TO PROVIDE DRAINAGE.
*** THE HAND–TRAILING EDGE AND DETECTION PLATE SHALL BE CONTINUOUS THROUGHOUT THE LENGTH OF THE PATH SUCH THAT A PEDESTRIAN USER WITH A LONG CANE CAN FOLLOW IT.

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ROADWAY IMPROVEMENTS ALONG
NEWTOWN ROAD
NANTUCKET, MASSACHUSETTS

TEMPORARY TRAFFIC CONTROL PLANS - 02

Sheet No. 30

Drawing file: I:\Nantucket\03-Transportation\23004456 - Newtown Road Improvements\01 ACAD\Sheet\13_TMP.dwg Plot Date: Sep 30,2024-5:14pm