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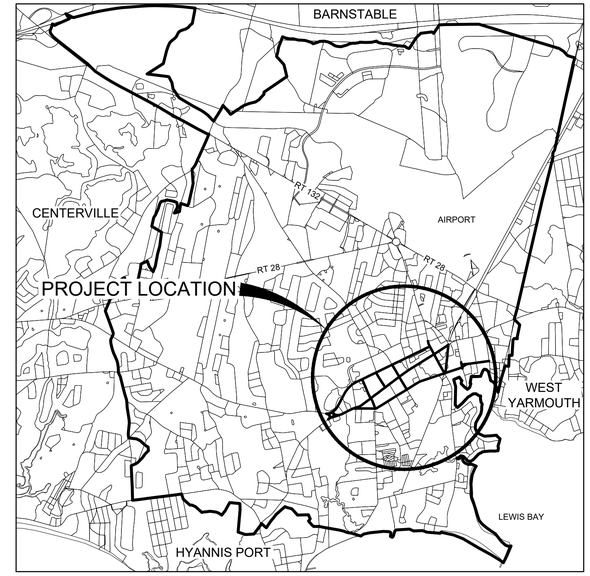
BID DOCUMENTS

DOWNTOWN HYANNIS GREAT STREETS

367 MAIN STREET

HYANNIS, MA 02601



VICINITY MAP
NOT TO SCALE

PROJECT NO. 210400118
ISSUED: FEBRUARY 6, 2026

APPLICANT / OWNER

TOWN OF BARNSTABLE
200 MAIN STREET
HYANNIS, MA 02106

CIVIL ENGINEER AND LANDSCAPE ARCHITECT

STANTEC CONSULTING SERVICES, INC.
40 WATER STREET, 3RD FLOOR
BOSTON, MA 02109

SURVEYOR

FELDMAN GEOSPATIAL
125 HAMPDEN STREET
BOSTON, MA 02119

ORIGINAL SHEET - ANSI D u:\210400118\design\drawing - 0current\sheet files\1_general\210400118_gi-000 2/6/2026 11:21:52 AM

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GENERAL NOTES

1. EXISTING CONDITIONS INFORMATION IS REPRODUCED FROM THE FOLLOWING SURVEYS:
   A. EXISTING CONDITIONS AT SOUTH STREET MAIN STREET INTERSECTION, PERFORMED BY MERRILL ENGINEERS AND LAND SURVEYORS, PROVIDED BY TOWN OF BARNSTABLE DEPARTMENT OF PUBLIC WORKS, DATED 2024-02-07
   B. EXISTING CONDITIONS PLAN NORTH STREET AND WEST MAIN STREET, PREPARED BY TOWN OF BARNSTABLE DEPARTMENT OF PUBLIC WORKS, DATED 2025-01-10
   C. AERIAL BLUE SKY PARTIAL EXISTING CONDITIONS PLAN AT SIX-POINTS INTERSECTION AND SOUTH STREET AND LOUIS BAY ROAD, PREPARED BY FELDMAN GEOSPATIAL, DATED 2024-04-17 AND REVISED 2024-04-26
   D. PARTIAL EXISTING CONDITIONS PLAN AT SIX-POINTS INTERSECTION AND SOUTH STREET AND LEWIS BAY ROAD, PREPARED BY FELDMAN GEOSPATIAL, DATED 2024-04-17 AND REVISED 2025-01-23
   E. PARTIAL EXISTING CONDITIONS PLAN AT THE INTERSECTIONS OF MAIN STREET AND SEA STREET, MAIN STREET AND BASSETT LANE, MAIN STREET AND PINE AVENUE, MAIN STREET AND HIGH SCHOOL ROAD, MAIN STREET AND PEARL STREET, MAIN STREET AND OCEAN STREET/BARNSTABLE ROAD, AND HIGH SCHOOL ROAD EXTENSION, PREPARED BY FELDMAN GEOSPATIAL, DATED 2025-07-10
   F. MAIN STREET HYANNIS SIGNAL IMPROVEMENTS AT MAIN STREET AND OLD COLONY CENTER, PREPARED BY FUSS & O'NEIL, DATED 2024-11-08
   G. EXISTING CONDITIONS PLAN OF PLEASANT STREET, PREPARED BY TOWN OF BARNSTABLE DEPARTMENT OF PUBLIC WORKS, DATED 2018-04-18
   H. ALL OTHER PLANIMETRIC SITE FEATURES OUTSIDE THE LIMITS OF TOPO ARE APPROXIMATE AND BASED ON AERIAL MAPPING PERFORMED BY BLUESKY GEOSPATIAL, AS SHOWN IN THE FILE NAMED "2301330-30750_BLUE".
   I. ANY BOUNDARY INFORMATION SHOWN OUTSIDE THE LIMIT OF TOPO AREA IS APPROXIMATE AND FOR INFORMATIONAL PURPOSES ONLY, AND IS BASED ON THE COMMONWEALTH OF MASSACHUSETTS' MASSMAPPER GIS DATABASE.
4. THE MINIMUM ACCEPTABLE STANDARDS FOR ALL CONSTRUCTION MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (MASSDOT) STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, 2024 EDITION AND ALL SUBSEQUENT AMENDMENTS. ITEM NUMBERS REFERENCED IN THE DRAWINGS AND THE CONTRACT DOCUMENTS ARE MASSDOT ITEM NUMBERS.
5. CONTRACTOR SHALL NOTIFY DIG-SAFE (1-888-344-7233) A MINIMUM OF 72 HOURS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR, AT HIS/HER OWN EXPENSE, ANY UNDERGROUND CABLES OR UTILITIES DAMAGED BY HIS/HER OPERATIONS INCLUDING ANY DAMAGE DONE DRIVING HIS/HER EQUIPMENT OVER EXISTING UNDERGROUND CABLES OR UTILITIES.
6. ALL TREE TRIMMING MUST BE REVIEWED BY THE TOWN OF BARNSTABLE AND ENGINEER PRIOR TO BEGINNING ANY TRIMMING OPERATIONS.
7. SIGN NOTES ARE SHOWN ON THE CONSTRUCTION DETAIL SHEETS.
8. SOUTH ST, NORTH ST, MAIN ST, AND ALL IMPACTED STREETS WITHIN THE LIMIT OF WORK SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES. ONE WAY TRAFFIC MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. TWO WAY TRAFFIC MUST BE RESTORED AT THE END OF EACH WORK DAY. THE CONTRACTOR MUST CONTACT THE HYANNIS FIRE, POLICE AND SCHOOL DEPARTMENTS PRIOR TO BEGINNING CONSTRUCTION AT THE START OF EACH WORK DAY. THE CONTRACTOR SHALL PROVIDE ALL SIGNAGE, BARRICADES AS REQUIRED FOR TRAFFIC CONTROL AND COORDINATION WITH OTHER CONSTRUCTION OPERATIONS ON ADJACENT STREETS.
9. ALL TRAFFIC CONTROL PLANS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE OWNER AND ENGINEER AT LEAST 14 DAYS PRIOR TO CONSTRUCTION.
10. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION OPERATIONS AND TRAFFIC CONTROL WITH OTHER TOWN AND MASSDOT PROJECTS.
11. WORK SHALL NOT BEGIN BEFORE 7:00 AM AND MUST END BY 3:30 PM, AND MUST ONLY BE CONDUCTED BETWEEN LABOR DAY AND MEMORIAL DAY, UNLESS OTHERWISE APPROVED BY THE TOWN IN WRITING.
12. ALL PERMANENT CONSTRUCTION WARNING SIGNS MUST BE ERECTED PRIOR TO BEGINNING CONSTRUCTION.
13. ALL PERMANENT AND TEMPORARY TRAFFIC CONTROL SIGNS SHALL MEET THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
   13.A. PERMANENT CONSTRUCTION SIGNS SHALL CONFORM TO MASSDOT "TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS" WITH REGARD TO SIGN TYPE, QUANTITY AND LAYOUT.
   13.B. TEMPORARY CONSTRUCTION SIGNS USED FOR DAILY LANE CLOSURES AND TRAFFIC CONTROL SHALL CONFORM TO MASSDOT "TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS" SHEET TC-2, TC-3 AND TC-8 WITH REGARD TO TAPER LENGTHS, CHANNELIZING DEVICES AND SIGN TYPE, QUANTITY AND LAYOUT. REMOVE THOSE EXCESS MATERIALS FROM SITE AT NO EXPENSE TO THE OWNER.
14. THE CONTRACTOR MUST COORDINATE ALL WORK WITH THE TOWN OF BARNSTABLE, ENGINEER AND ANY AFFECTED ABUTTERS. ALL WORK OUTSIDE THE ROADWAY ROW SHALL BE COORDINATED WITH THE AFFECTED PROPERTY OWNER. WORK SHALL NOT PROCEED WITHOUT APPROVAL OF THE OWNER.

GENERAL NOTES (CONT.)

15. ALL ELEVATIONS AND LOCATIONS OF EXISTING UTILITY AND DRAINAGE STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO UTILIZATION OF THE PROPOSED DESIGNS SHOWN ON THE PLAN.
16. BACKFILL OF THE TRENCHES SHALL BE COMPACTED TO TO 95% MAX. DRY DENSITY UNDER ALL PAVED AREAS AND 92% MAX. DRY DENSITY UNDER OTHER AREAS IN ACCORDANCE WITH MASSDOT STANDARD SPECIFICATIONS.
17. SHORING AND STABILIZATION OF TRENCH SIDEWALLS DURING EXCAVATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
18. ALL WATER MAINS, SERVICES, VALVES, HYDRANTS, CORPORATIONS, CURB STOPS AND ROAD CONSTRUCTION SHALL BE SUBJECT TO FINAL INSPECTION BY THE OWNER AND ENGINEER PRIOR TO ACCEPTANCE BY THE TOWN OF BARNSTABLE.
19. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 4" TOPSOIL AND SEED OVER ALL DISTURBED UNPAVED AREAS UNLESS OTHERWISE SPECIFIED. AREAS WITHIN EXISTING LANDSCAPE FEATURES SHALL BE COORDINATED WITH THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO REPLACING LANDSCAPING.
20. ALL PAVEMENT CUTTING SHALL BE COMPLETED BY SAW CUTTING ONLY.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND FITTING OF VARIOUS ITEMS OF WORK AT THE PROJECT SITE.
22. THE CONTRACTOR SHALL SUBMIT THEIR PROPOSED CONSTRUCTION SCHEDULE TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL AT LEAST TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION. NO WORK SHALL BE CONDUCTED WITHOUT AN APPROVED SCHEDULE. UPDATED SCHEDULES SHALL BE PROVIDED TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL EVERY TWO (2) WEEKS DURING CONSTRUCTION.
23. BLASTING, IF REQUIRED, SHALL BE PERFORMED BY A LICENSED BLASTING CONTRACTOR MEETING MASSDOT AND TOWN OF BARNSTABLE REQUIREMENTS.
24. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE BARNSTABLE MUNICIPAL WATER DEPARTMENT, EVERSOURCE, NATIONAL GRID, VERIZON, AND ALL OTHER AFFECTED UTILITY COMPANIES.
25. THE CONTRACTOR SHALL MEET THE REQUIREMENTS OF THE EPA NPDES PHASE II PROGRAM AND SUBSEQUENT PROGRAMS AS APPLICABLE AT THE TIME OF CONSTRUCTION OF THIS PROJECT.
26. THE CONTRACTOR SHALL PROVIDE FOR AND MAINTAIN CONTINUOUS DRAINAGE THROUGHOUT CONSTRUCTION.
27. ALL EXCESS TRENCH SOILS ON SITE SHALL BE OFFERED FIRST TO THE TOWN AND TRANSPORTED TO A LOCATION SPECIFIED BY THE TOWN AT NO ADDITIONAL CHARGE. SHOULD THE TOWN NOT WANT SOME OR ALL THE MATERIALS, THE CONTRACTOR SHALL REMOVE THOSE EXCESS MATERIALS FROM SITE AT NO EXPENSE TO THE TOWN OF BARNSTABLE.
28. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES AND SHALL PROVIDE ALL NECESSARY CONTINUOUS BARRIERS OF SUFFICIENT TYPE, SIZE AND STRENGTH TO PREVENT ACCESS TO ALL OPEN EXCAVATIONS AT THE COMPLETION OF EACH DAYS WORK.
29. WOOD FROM TREES TO BE REMOVED FROM THE PROJECT SHALL BE FIRST OFFERED TO THE ADJACENT PROPERTY OWNER. SHOULD THE ADJACENT PROPERTY OWNER NOT WANT SOME OR ALL THE WOOD, THE CONTRACTOR SHALL REMOVE THE EXCESS WOOD FROM SITE AT NO EXPENSE TO THE TOWN OF BARNSTABLE.
30. CONTRACTOR TO PERFORM TEST PITS PRIOR TO ORDERING MATERIALS TO VERIFY EXISTING UTILITIES, ELEVATIONS AND DIMENSIONS.
31. THE CONTRACTOR SHALL COMPLY WITH THE CONDITIONS OF THE PROJECT PERMITS (SEE CONTRACT DOCUMENTS). THIS WORK SHALL BE CONSIDERED TO BE INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
32. ALL WORK IN AND ADJACENT TO TOWN STREETS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF BARNSTABLE STREET OPENING PERMIT AND MASSDOT STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS REQUIRED TO OBTAIN ALL THE NECESSARY PERMITS FROM THE TOWN OF BARNSTABLE AND MASSDOT - DISTRICT 5 PRIOR TO THE START OF CONSTRUCTION.
33. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING MONUMENTS. MONUMENTS WHICH ARE TO BE REMOVED AND RESET SHALL BE RESET TO THE EXISTING LOCATION BY A LICENSED LAND SURVEYOR.
34. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, OR AT THE REQUEST OF THE OWNER, THE CONTRACTOR SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE OWNER.
35. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SNOW REMOVAL REQUIRED DURING CONSTRUCTION. PLACING AND REMOVING SNOW ON PRIVATE PROPERTY SHALL NOT BE ALLOWED. THE REMOVAL OF SNOW SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
36. ALL TESTING WILL BE THE RESPONSIBILITY OF THE CONTRACTOR
37. NO TEST PITS HAVE BEEN PERFORMED FOR THIS PROJECT.

EROSION CONTROL NOTES

1. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH "MASSACHUSETTS STORMWATER HANDBOOK VOLUMES 1, 2, AND 3" DATED FEBRUARY 2008.
2. ALL SILTATION FENCE SHALL BE ERECTED BEFORE THE START OF EARTHWORK OPERATIONS. SILTATION FENCE SHALL BE REMOVED UPON ACCEPTANCE OF THE PROJECT.
3. THE INTENT OF THIS PROJECT IS TO CONTROL SEDIMENT AT THE SOURCE SUCH AS EARTHCUTS AND EXPOSED SURFACES. ALL EXPOSED SURFACES SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF WORK.
4. IN ORDER TO PREVENT UNNECESSARY EROSION OF NEWLY GRADED SLOPES AND UNNECESSARY SILTATION OF DRAINAGEWAYS, THE CONTRACTOR SHALL PERFORM LOAMING, HYDROSEEDING, AND MULCHING AS SOON AS HE HAS SATISFACTORILY COMPLETED A UNIT OR PORTION OF THE PROJECT, SUCH AS EMBANKMENTS OR CUTS, A SECTION OF PAVEMENT OR DRAINAGEWAYS.
5. HAY MULCH OR OTHER APPROVED METHODS SHALL BE USED TO CONTROL EROSION OF NEWLY GRADED AREAS. ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS AFTER THEIR CONSTRUCTION.
6. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 4" OF TOPSOIL AND HYDROSEED ALL DISTURBED AND UNPAVED SURFACES (AND SURFACES NOT DESIGNATED FOR GRAVEL OR PAVEMENT) WITHIN THE LIMIT OF WORK.
7. THE CONTRACTOR SHALL CLEAN AND REMOVE ANY SAND, SOIL, OR DEBRIS CARRIED ON TO RIVER ROAD AND THE PAVED ACCESS DRIVE TO THE PROJECT SITE BY TRUCKS LEAVING THE SITE AT THE END OF EACH DAYS WORK.
8. THE CONTRACTOR SHALL INSPECT, CLEAN, AND PROPERLY MAINTAIN (INCLUDING REPLACING AS NECESSARY) ALL EROSION CONTROL MEASURES DAILY DURING THE PROJECT.
9. NO CUT AREA SHALL BE LEFT UNPROTECTED FROM EROSION FOR A PERIOD OF MORE THAN 3 WEEKS. PROTECTION SHALL BE BY SEEDING, EROSION CONTROL MATTING, OR OTHER ACCEPTABLE METHODS.
10. NO DISTURBED AREA SHALL BE LEFT UNPROTECTED FROM EROSION OVER THE WINTER SEASON. THE WINTER SEASON IS HEREBY DEFINED AS THE THE PERIOD FROM NOVEMBER 1 TO APRIL 1. THIS SHALL NOT RESTRICT WORK FROM TAKING PLACE OVER THE WINTER MONTHS BUT THE CONTRACTER/OWNER SHALL NOT ALLOW AN AREA GREATER THAN 5000 S.F. TO BE LEFT UNPROTECTED.
11. THE PROJECT SHALL BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.
12. ALL DITCHES AND SWALES SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
13. ALL ROADWAYS AND PARKING LOTS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED SUBGRADE.
14. ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY HALF INCH OR MORE OF RAINFALL.
15. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT IN NO CASE SHALL EXCEED 5 ACRES AT ANY ONE TIME BEFORE DISTURBED AREAS ARE STABILIZED.
16. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
   A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
   B. A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
   C. A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED.
   D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
17. MAXIMUM OPEN AREA ALLOWED
   A. TEMPORARILY STABILIZE ALL DISTURBED AREAS AS SOON AS PRACTICABLE BUT IN ALL CASES WITHIN 45 DAYS OF INITIAL DISTURBANCE.
   B. PERMANENTLY STABILIZE AS SOON AS PRACTICABLE BUT IN ALL CASES WITHIN DAYS OF FINAL GRADING.
   C. AN ENVIRONMENTAL MONITOR SHALL BE EMPLOYED DURING CONSTRUCTION:
      a. THE SITE SHALL BE INSPECTED AT LEAST ONCE EACH WEEK FROM THE START OF TERRAIN ALTERATION ACTIVITIES UNTIL ALL TERRAIN ACTIVITIES ARE COMPLETED AND THE SITE IS STABILIZED.
      b. IN ADDITION TO REGULAR WEEKLY INSPECTIONS, INSPECT THE PROJECT SITE DURING ANY RAIN EVENT IN WHICH 0.5 INCHES OF PRECIPITATION OR MORE FALLS WITHIN A 24-HOUR PERIOD, PROVIDED THAT IF THE ENVIRONMENTAL MONITOR IS UNABLE TO BE PRESENT DURING SUCH A STORM, THE MONITOR SHALL INSPECT THE SITE WITHIN 24 HOURS OF THE RAIN EVENT.
      c. THE MONITOR SHALL SUBMIT A WRITTEN REPORT, STAMPED BY A QUALIFIED ENGINEER OR A CPESC SPECIALIST, TO GLORIA ANDREWS, PE AT THE NHDES AOT BUREAU WITHIN 24 HOURS OF EACH SITE INSPECTION INCLUDING:
      i. PROGRESS OF THE PROJECT INCLUDING ALL CONDITIONS OF THE PERMIT WHICH ARE BEING MET AND WHICH REQUIREMENTS ARE NOT BEING MET.

EROSION CONTROL NOTES (CONT.)

ii. EXPLANATION OF CORRECTIVE ACTIONS TO BRING PROJECT INTO COMPLIANCE WITH APPLICABLE REQUIREMENTS AND DEADLINES FOR COMPLETION OF CORRECTIVE ACTIONS FOR ANY REQUIREMENTS NOT BEING MET.

iii. PHOTOGRAPHS OF THE SITE.

d. RETAIN A COPY OF WRITTEN REPORT ON-STIE FOR REVIEW DURING SITE INSPECTIONS BY FEDERAL, STATE AND LOCAL OFFICIALS.

e. ROUTINE INSPECTION FREQUENCY MAY BE REDUCED FROM ONCE A WEEK TO ONCE A MONTH UNDER THE FOLLOWING CONDITIONS:

i. WORK IS SUSPENDED AND THE ENTIRE SITE IS STABILIZED SO AS NOT TO ERODE UNDER CONDITIONS OF A 10-YEAR STORM SUCH AS BUT NOT LIMITED TO:

-AREAS THAT WILL NOT BE PAVED: HAVE A MINIMUM 85% ESTABLISHED RESTORATIVE COVER; MINIMUM 3 INCHES NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP OR EROSION CONTROL BLANKETS.

-AREAS TO BE PAVED: BASE COURSE GRAVELS ARE PLACED MEETING GRADATION REQUIRED BY NHDOT ITEMS 304.1, 304.2 OR 304.3

ii. RUNOFF IS UNLIKELY:

-GROUND IS FROZEN OR SITE IS COVERED WITH SNOW OR ICE

-FROZEN CONDITIONS ARE ANTICIPATED TO CONTINUE FOR MORE THAN ONE MONTH.

LEGEND

- PROPERTY LINE
- INTERIOR PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
- 100-FT INNER RIPARIAN ZONE
- 200-FT OUTER RIPARIAN ZONE
- EROSION CONTROL BARRIER
- REMOVE EXISTING UTILITY LINES
- REMOVE EXISTING UTILITY STRUCTURE
- REMOVE EXISTING TRAFFIC POLE
- REMOVE EXISTING SIGN POST
- CATCH BASIN FILTER
- FULL DEPTH PAVEMENT REMOVAL
- REMOVE CURBING
- CONCRETE PAVEMENT REMOVAL
- PAVEMENT SAW CUT
- TREE PROTECTION FENCE
- REMOVE EXISTING TREE AND STUMP
- CLEAR & GRUB LANDSCAPE AREA
- BICYCLIST SYMBOL WITH ARROW PAVEMENT MARKING
- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
- SCHOOL ZONE INDICATOR PAINT MARKING
- YIELD MARKINGS
- LIGHT POLE
- RECTANGULAR RAPID FLASHING BEACON
- POLE-MOUNTED LIGHT ARM
- CURB CORNER (TYPE A)
- SIGN POST & FOOTING
- DETECTABLE WARNING PANEL
- ACCESSIBLE PARKING PAVEMENT MARKING
- CONCRETE SIDEWALK
- BRICK PAVER SIDEWALK
- BRICK PAVER TRUCK APRON
- BIKE LANE PAVEMENT MARKING
- BIKE LANE CROSSING MARKING
- BITUMINOUS SHARED USE PATH
- CURB EXTENSION PAVEMENT MARKING
- COLORED STAMPED PAVEMENT

Symbol	Description
L 38	LINEAR SEGMENT, SEE SHEET C-601
C 41	CURVED SEGMENT, SEE SHEET C-601
DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
MGC	MOUNTABLE GRANITE CURB
TGC	TRANSITION GRANITE CURB
× 22.25	PROPOSED SPOT ELEVATION
× (21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)
BC 24.05	BOTTOM OF CURB ELEVATION
R 22.90	GRATE OR COVER ELEVATION
VIF	VERIFY IN FIELD

- DRAINAGE PIPE
- DRAINAGE CATCH BASIN
- DRAINAGE MANHOLE
- LIGHT POST
- UTILITY POLE
- OE — OVERHEAD CABLING
- UGE — UNDERGROUND CONDUIT RUN
- LC — HIGHWAY LIGHTING LOAD CENTER
- HANDHOLE - 13"X24"
- LIMIT OF LANDSCAPING SCOPE
- EXISTING TREE TO BE PROTECTED
- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN SHRUB
- GROUNDCOVER
- LOAM AND SEED OR SOD

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS GEORGE P. RYAN CIVIL No. 54497 REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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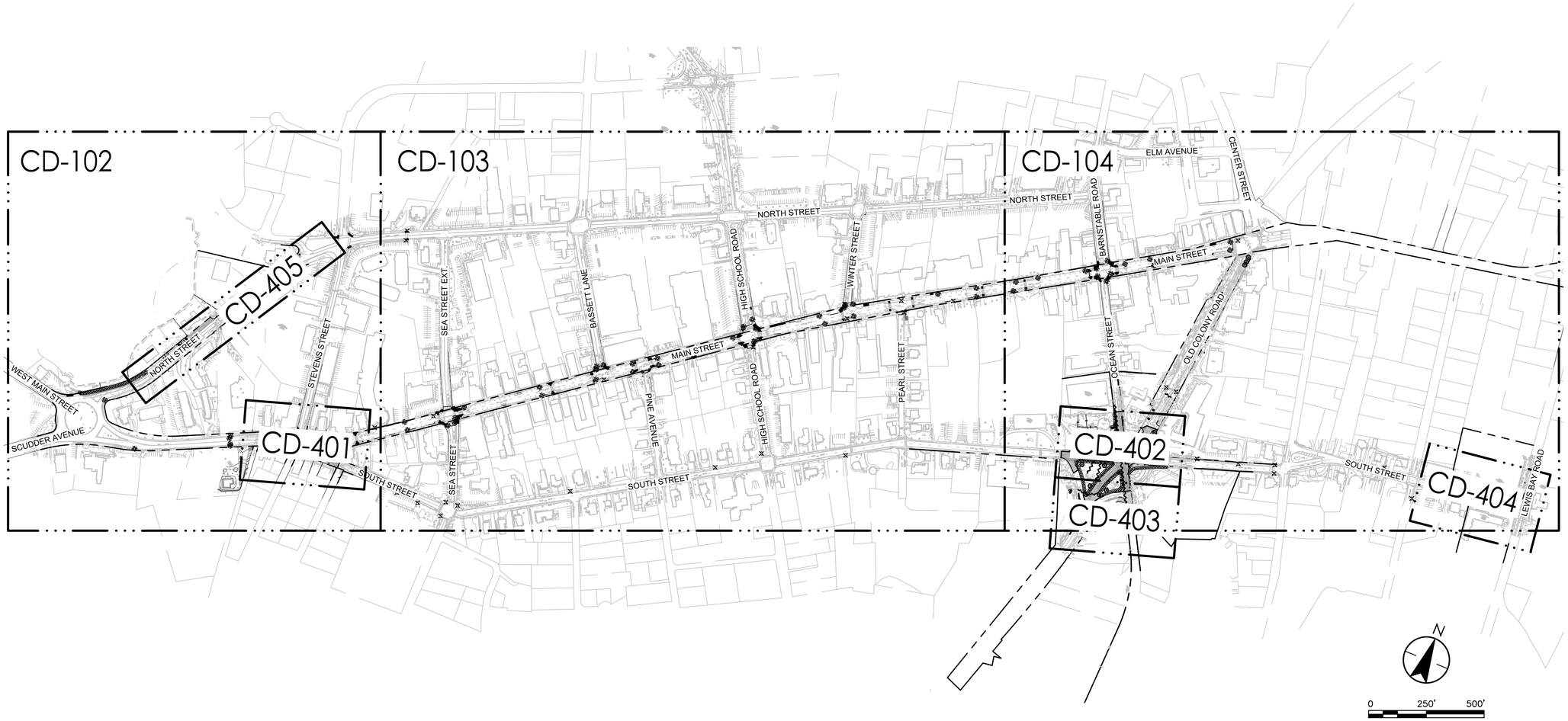
Client/Project Logo
SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA
DOWNTOWN HYANNIS GREAT STREETS
HYANNIS, MA

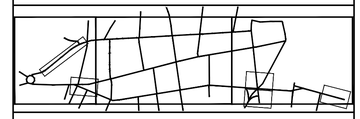
File Name: 210400118_G-001 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
GENERAL NOTES & LEGENDS SHEET

Contract No. 210400118
Sheet 2 of 89
Scale Not to Scale
Revision
Drawing No. G-001



KEY PLAN



DEMOLITION & EROSION CONTROL LEGEND

- PROPERTY LINE
- INTERIOR PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
- 100-FT INNER RIPARIAN ZONE
- 200-FT OUTER RIPARIAN ZONE
- EROSION CONTROL BARRIER
- REMOVE EXISTING UTILITY LINES
- REMOVE EXISTING UTILITY STRUCTURE
- REMOVE EXISTING TRAFFIC POLE
- REMOVE EXISTING SIGN POST
- CATCH BASIN FILTER
- FULL DEPTH PAVEMENT REMOVAL
- REMOVE CURBING
- CONCRETE PAVEMENT REMOVAL
- PAVEMENT SAW CUT
- TREE PROTECTION FENCE
- REMOVE EXISTING TREE AND STUMP
- CLEAR & GRUB LANDSCAPE AREA

DEMOLITION & EROSION CONTROL SHEET NOTES

1. SEE SHEET G-002 FOR GENERAL PROJECT NOTES.
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Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CD-101 | Dwn. | Dsgn. | Chkd. | 2026-02-08 YYYY.MM.DD

Title
OVERALL DEMOLITION & EROSION CONTROL PLAN

Contract No.	Sheet	Scale
210400118	3 of 89	1" = 250'
Revision	Drawing No.	
	CD-101	

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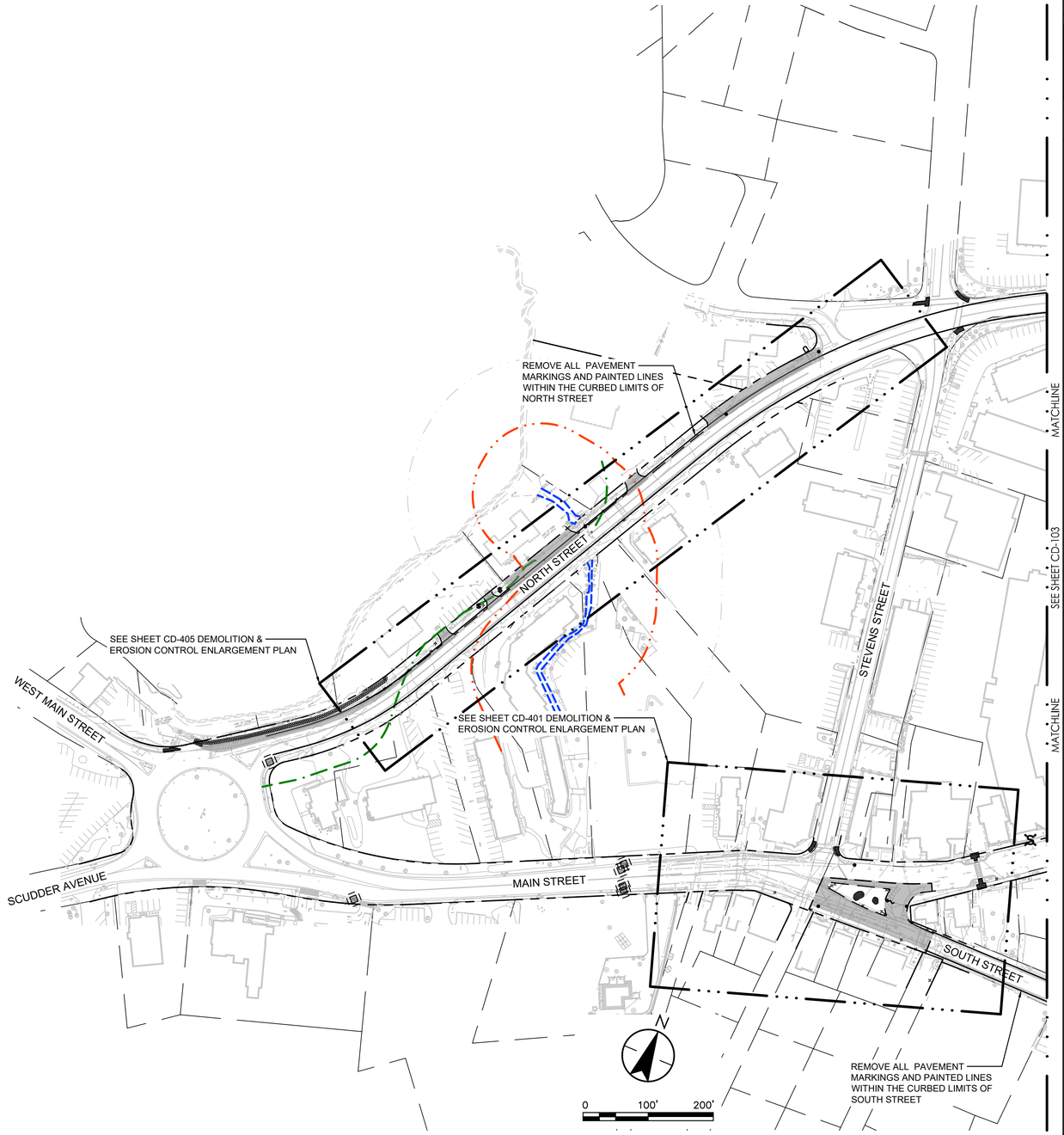
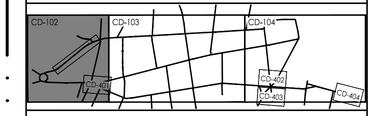


KEY PLAN



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- INTERIOR PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
- 100-FT INNER RIPARIAN ZONE
- 200-FT OUTER RIPARIAN ZONE
- EROSION CONTROL BARRIER
- REMOVE EXISTING UTILITY LINES
- REMOVE EXISTING UTILITY STRUCTURE
- REMOVE EXISTING TRAFFIC POLE
- REMOVE EXISTING SIGN POST
- CATCH BASIN FILTER
- FULL DEPTH PAVEMENT REMOVAL
- REMOVE CURBING
- CONCRETE PAVEMENT REMOVAL
- PAVEMENT SAW CUT
- TREE PROTECTION FENCE
- REMOVE EXISTING TREE AND STUMP
- CLEAR & GRUB LANDSCAPE AREA

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Issued	By	Appd	YYYY.MM.DD

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COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CD-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD

Title
DEMOLITION & EROSION CONTROL PLAN

Contract No.	Sheet	Scale
210400118	4 of 89	1" = 100'
Revision	Drawing No.	
	CD-102	

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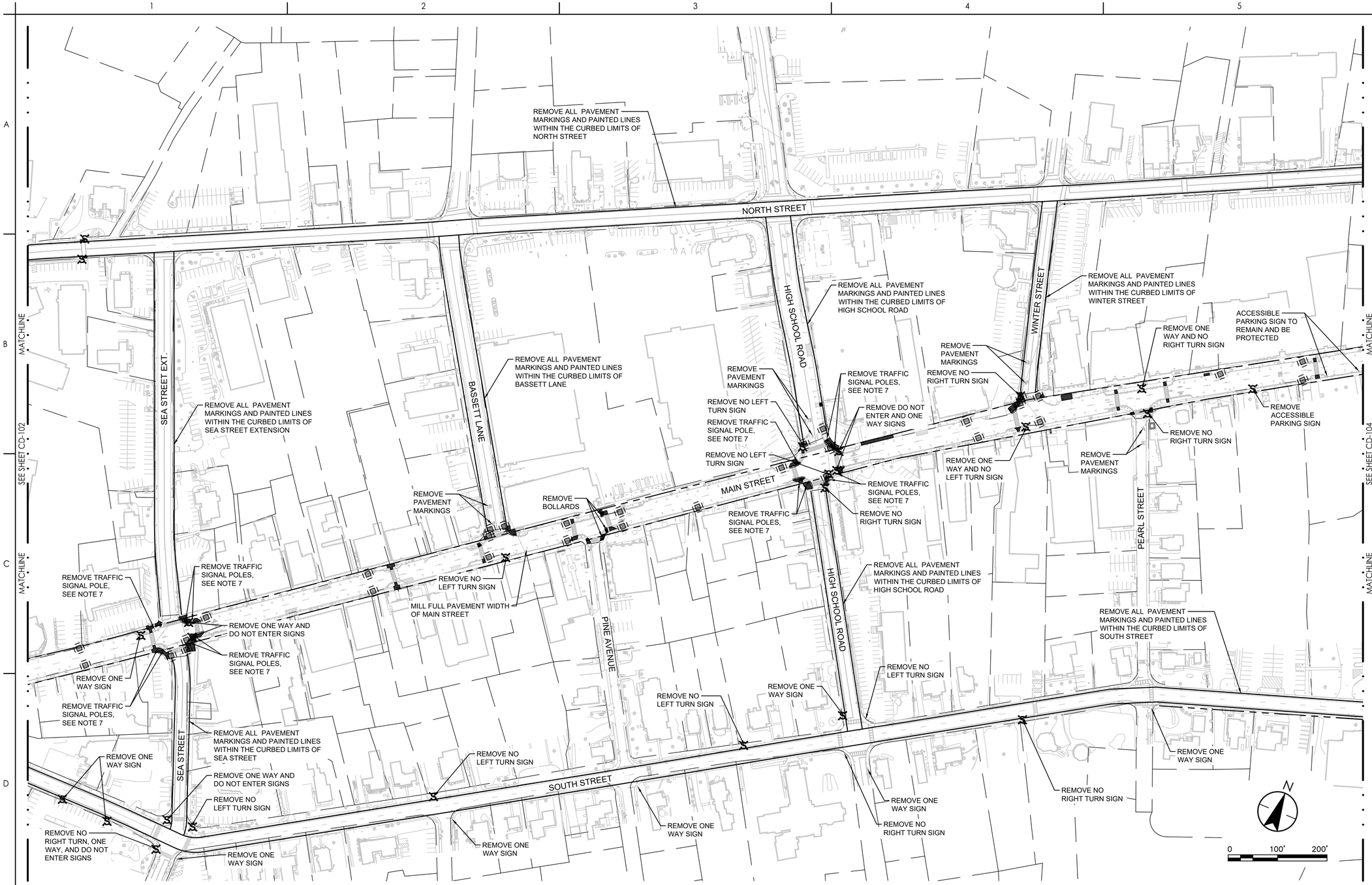
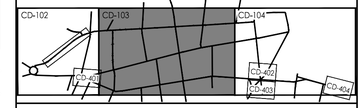


KEY PLAN



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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CD-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
DEMOLITION & EROSION CONTROL PLAN

Contract No.	Sheet	Scale
210400118	5 of 89	1" = 100'
Revision	Drawing No.	
	CD-103	

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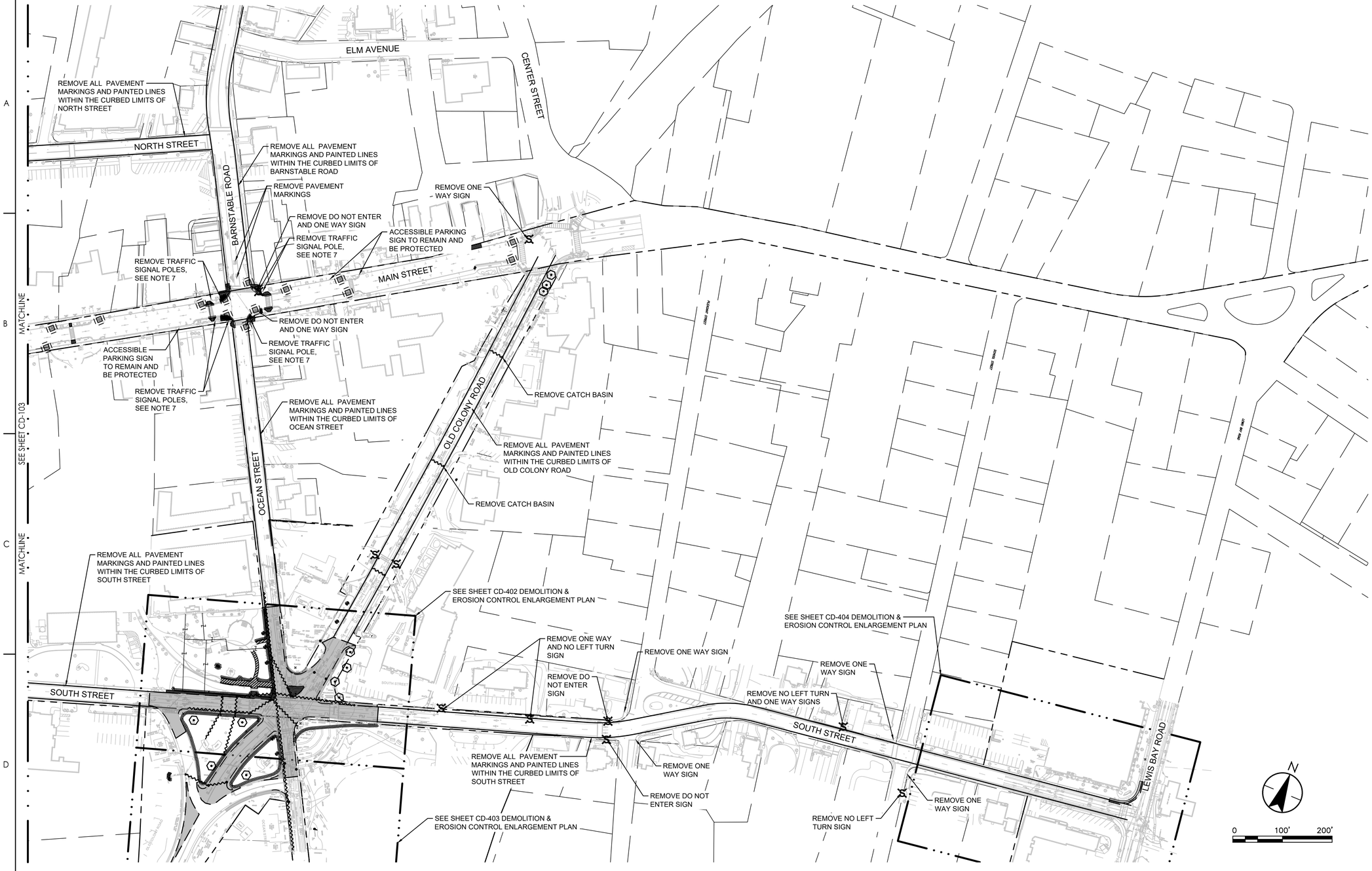
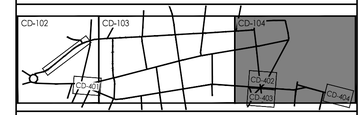


KEY PLAN



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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CD-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ---

Title
DEMOLITION & EROSION CONTROL PLAN

Contract No.	Sheet	Scale
210400118	6 of 89	1" = 100'

Revision | Drawing No. CD-104

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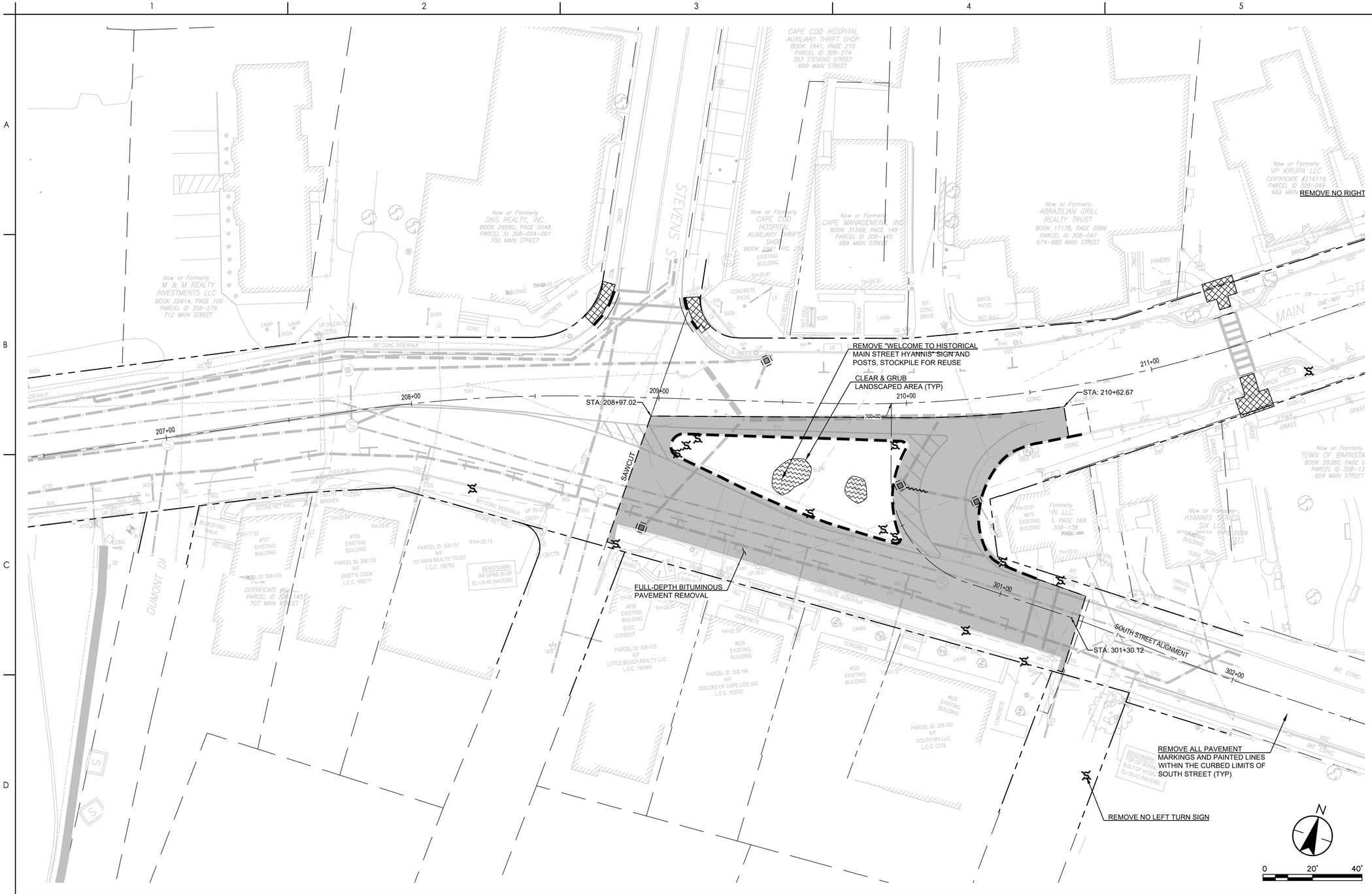

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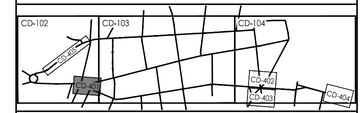

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Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CD-401 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD

Title
DEMOLITION & EROSION CONTROL ENLARGEMENT PLAN
MAIN ST. x SOUTH ST. INTERSECTION

Contract No.	Sheet	Scale
210400118	7 of 89	1" = 20'
Revision	Drawing No.	
	CD-401	

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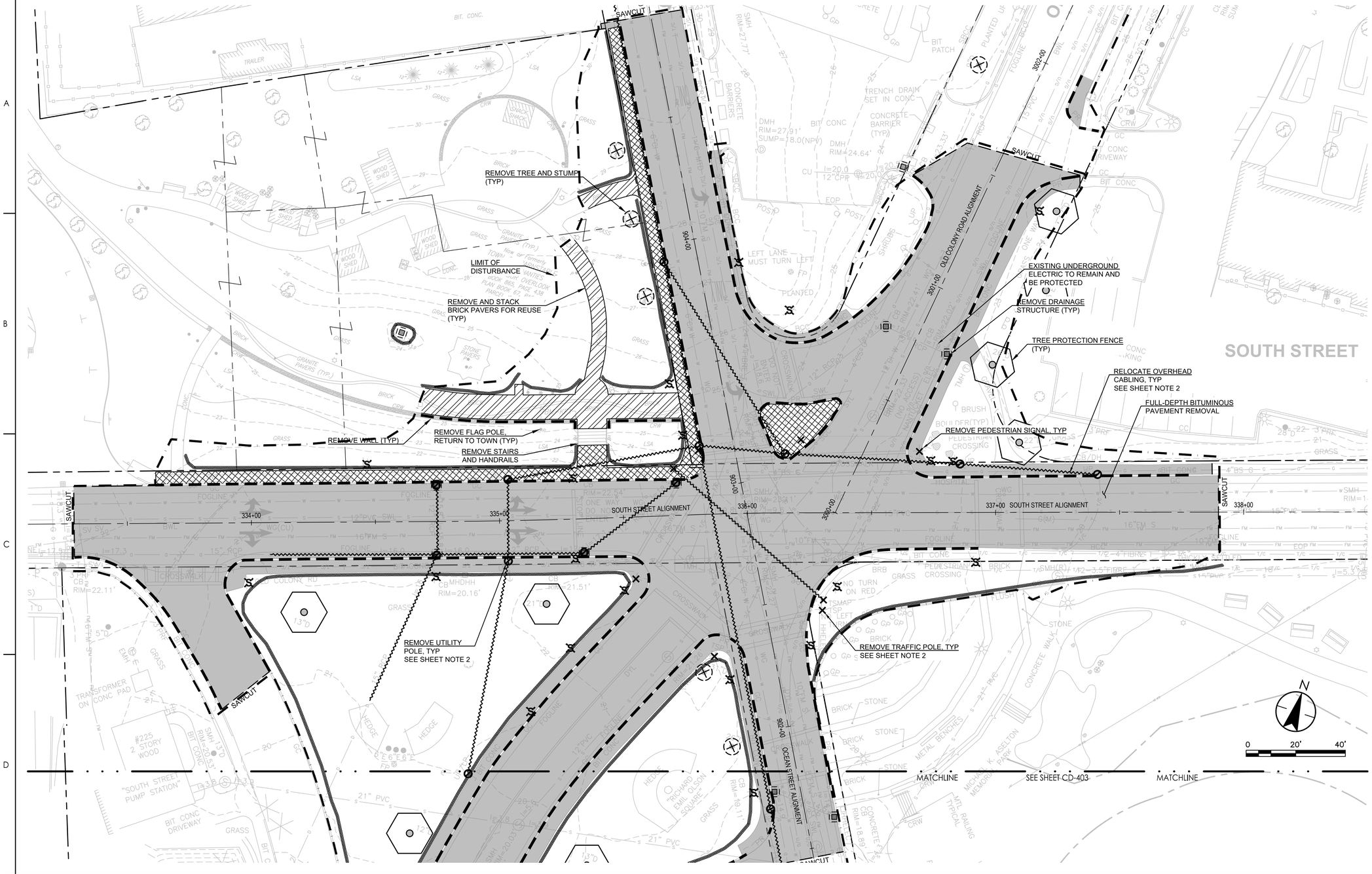
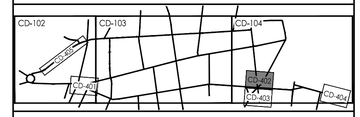


KEY PLAN



DEMOLITION & EROSION CONTROL LEGEND

- PROPERTY LINE
- INTERIOR PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
- 100-FT INNER RIPARIAN ZONE
- 200-FT OUTER RIPARIAN ZONE
- EROSION CONTROL BARRIER
- REMOVE EXISTING UTILITY LINES
- REMOVE EXISTING UTILITY STRUCTURE
- REMOVE EXISTING TRAFFIC POLE
- REMOVE EXISTING SIGN POST
- CATCH BASIN FILTER
- FULL DEPTH PAVEMENT REMOVAL
- REMOVE CURBING
- CONCRETE PAVEMENT REMOVAL
- PAVEMENT SAW CUT
- TREE PROTECTION FENCE
- REMOVE EXISTING TREE AND STUMP
- CLEAR & GRUB LANDSCAPE AREA

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Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
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COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Boston, MA 02109
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CD-401 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ---

Title
DEMOLITION & EROSION CONTROL ENLARGEMENT PLAN SIX-POINTS ROUNDABOUT

Contract No.	Sheet	Scale
210400118	8 of 89	1" = 20'
Revision	Drawing No.	
	CD-402	

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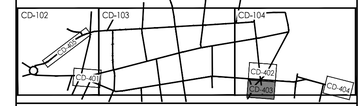
KEY PLAN



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HYANNIS, MA

File Name: 210400118_CD-401 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

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Contract No.	Sheet	Scale
210400118	9 of 89	1" = 20'
Revision	Drawing No.	
	CD-403	

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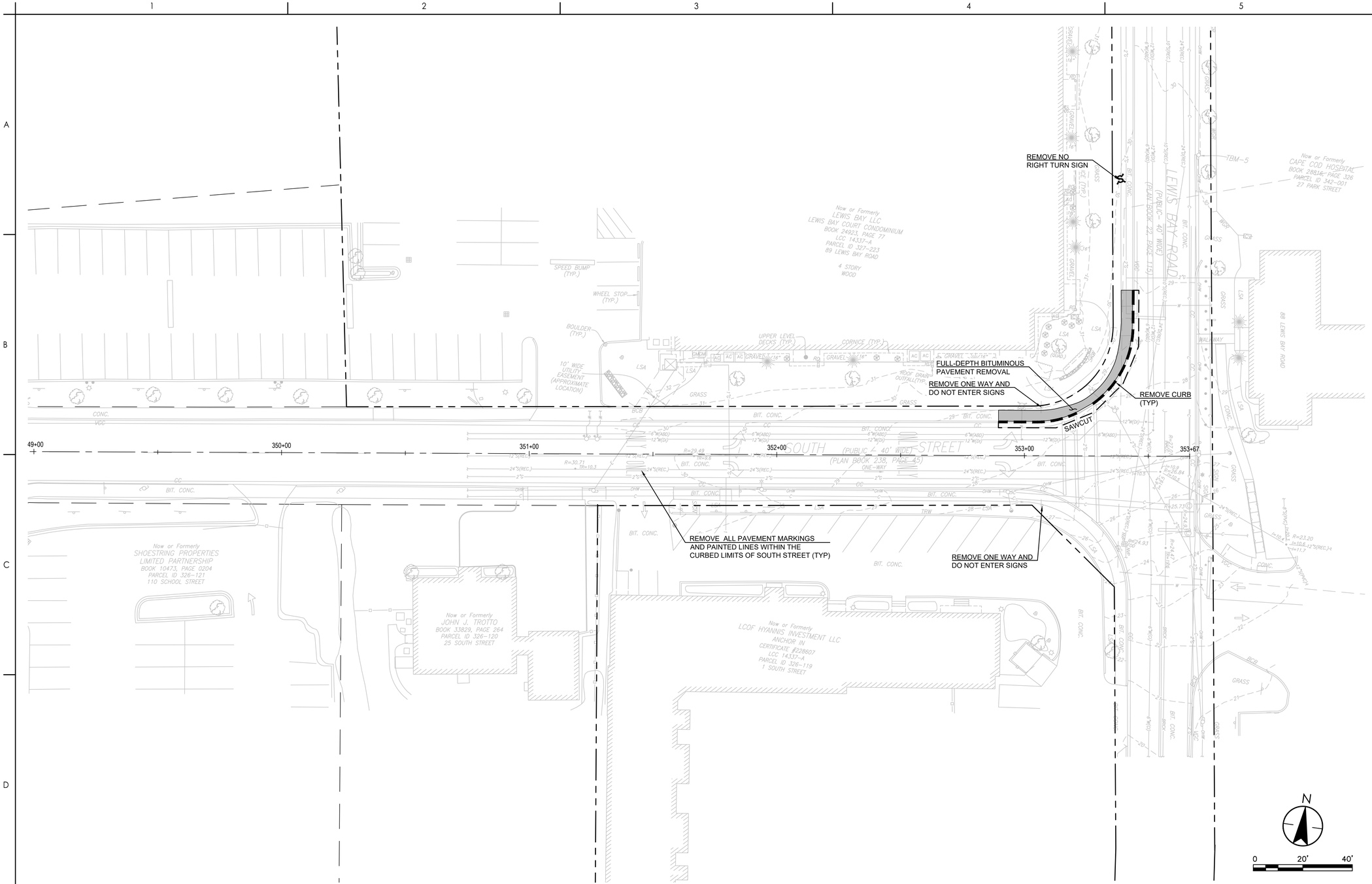

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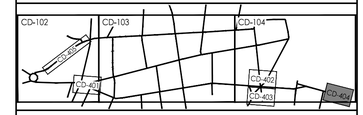

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Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CD-401 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD ---

Title
DEMOLITION & EROSION CONTROL
ENLARGEMENT PLAN
SOUTH ST. x LOUIS BAY RD. INTERSECTION

Contract No.	Sheet	Scale
210400118	10 of 89	1" = 20'
Revision	Drawing No.	
	CD-404	

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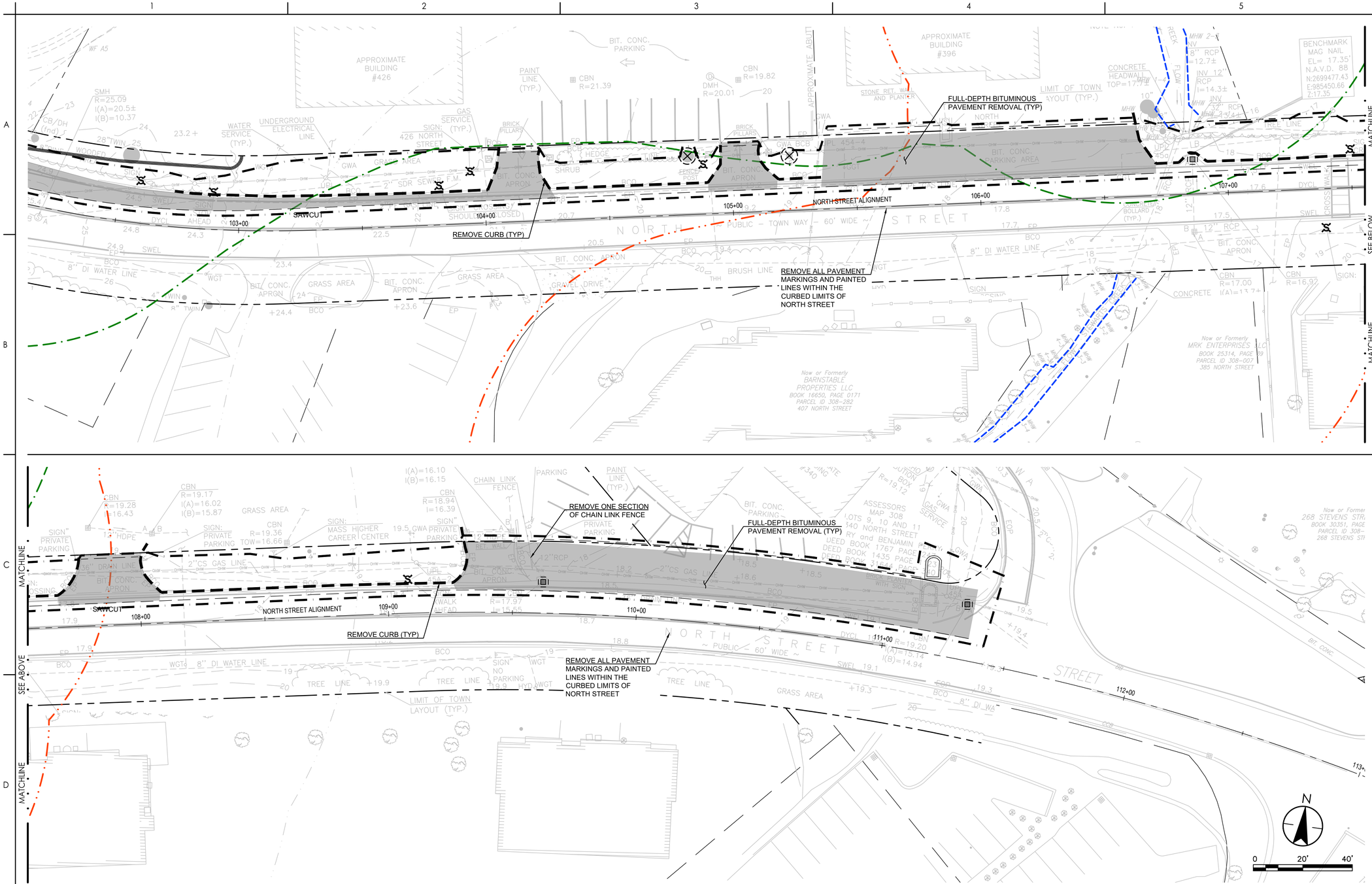

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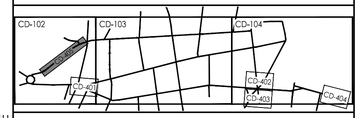

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File Name: 210400118_CD-401 | Dwn. | Dsgn. | Chkd. | ---- | YYYY.MM.DD

Title
DEMOLITION & EROSION CONTROL
ENLARGEMENT PLAN
NORTH ST.

Contract No.	Sheet	Scale
210400118	11 of 89	1" = 20'
Revision	Drawing No.	
	CD-405	

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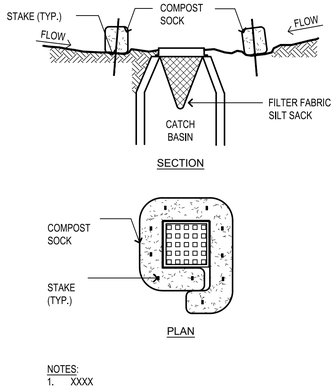
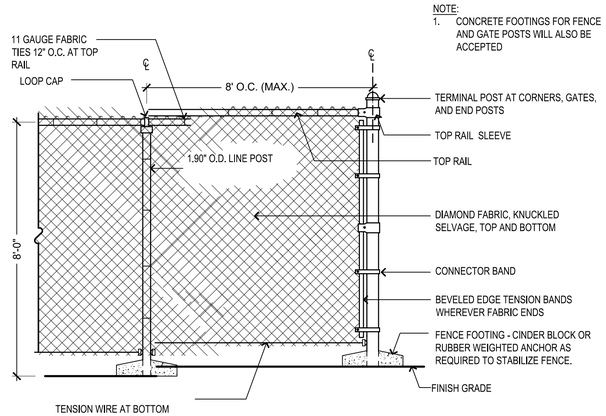


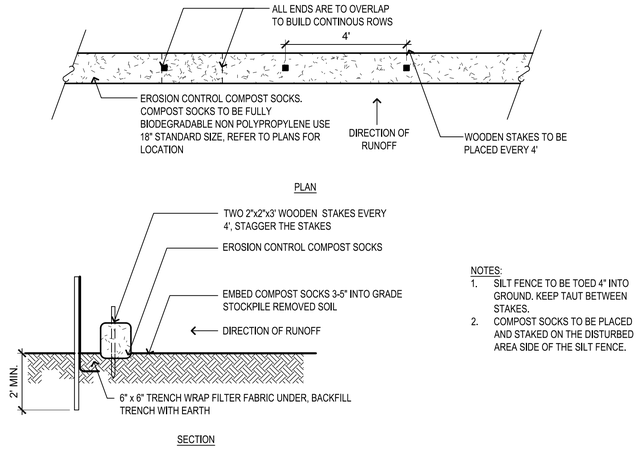
NOTES:
1. XXXX

1 CATCH BASIN PROTECTION
SCALE: NTS



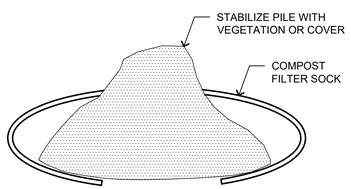
NOTE:
1. CONCRETE FOOTINGS FOR FENCE AND GATE POSTS WILL ALSO BE ACCEPTED

2 TEMPORARY CONSTRUCTION FENCE
SCALE: NTS



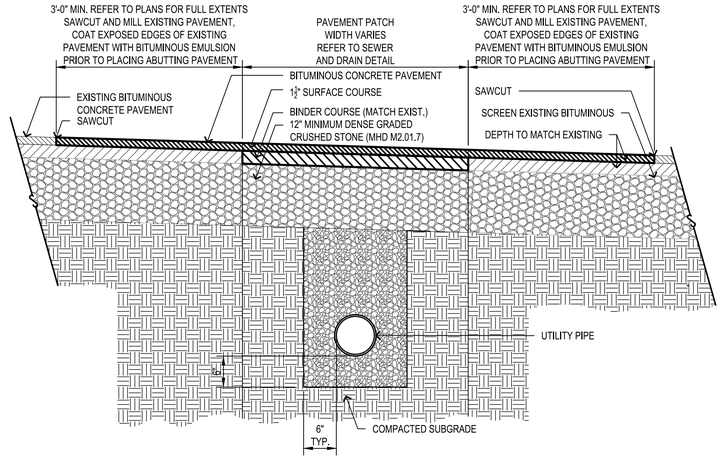
NOTES:
1. SILT FENCE TO BE TOED 4" INTO GROUND, KEEP TAUT BETWEEN STAKES.
2. COMPOST SOCKS TO BE PLACED AND STAKED ON THE DISTURBED AREA SIDE OF THE SILT FENCE.

3 EROSION CONTROL BARRIER
SCALE: NTS

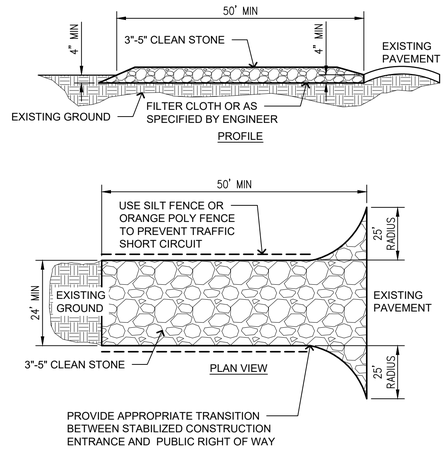


NOTES:
SOIL STOCKPILES: FOR ANY STOCKPILES OR LAND CLEARING DEPRIS COMPOSED, IN WHOLE OR IN PART, OF SEDIMENT OR SOIL, THE FOLLOWING MEASURES MUST BE FOLLOWED:
- LOCATE THE PILES OUTSIDE OF ANY NATURAL BUGGERS AND PHYSICALLY SEPARATED FROM THE OTHER STORMWATER CONTROLSIMPLEMENTED, OUTSIDE OF RESOURCE AREAS AND OUTSIDE THE 50' BUFFER ZONE.
- PROTECT FROM CONTACT WITH STORMWATER (INCLUDING RUN-ON) USING A TEMPORARY PERIMETER SEDIMENT BARRIER OF COMPOST FILTER SOCK.
- PROVIDE COVER OR APPROPRIATE TEMPORARY STABILIZATION TO AVOIDDIRECT CONTACT WITH PRECIPITATION OR TO MINIMIZE SEDIMENT DISCHARGE.
- DO NOT HOSE DOWN OR SWEEP SPOIL OR SEDIMENT ACCUMULATED ON PAVEMENT OR OTHER IMPERIOUS SURFACES INTO ANY STORMWATER CONVEYANCE (UNLESS CONNECTED TO A SEDIMENT BASIN, SEDIMENT TRAP, OR SIMILARLY EFFECTIVE CONTROL), STORM DRAIN INLET OR SURFACE WATER
- UNLESS INFEASIBLE, CONTAIN SECURELY TO PROTECT FROM WIND

4 SOIL STOCKPILE CONTROL
SCALE: NTS



5 UTILITY TRENCH AND PAVEMENT PATCH
SCALE: NTS



NOTES:
1. STONE - USE COARSE AGGREGATE (3"-5" STONE).
2. LENGTH - AS EFFECTIVE
3. THICKNESS - NOT LESS THAN EIGHT INCHES
4. WIDTH - NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS
5. WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE THROUGH USE OF SAND BAGS, GRAVEL, BOARDS OR OTHER APPROVED METHODS.
6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKING ONTO ADJACENT PAVED ROAD SURFACES MUST BE REMOVED IMMEDIATELY.

PRACTICE: STABILIZED CONSTRUCTION EXIT POINTS. IN ORDER TO MINIMIZE TRACK OUT FROM VEHICLES, STABILIZED CONSTRUCTION EXIT(S) MUST BE INSTALLED AT THE LOCATIONS WHERE VEHICLES WILL EXIT THE SITE. THE CONTRACTOR MUST RESTRICT VEHICLE USE TO THE PROPOSED DESIGN EXIT LOCATIONS. ADDITIONAL CONTROLS TO REMOVE SEDIMENT FROM TIRES MAY BE REQUIRED IF TRACKING OCCURS; SUCH METHODS MAY INCLUDE WHEEL WASH STATIONS, RUMBLE TRIPS OR RUMBLE PLATES. NO VISIBLE SIGNS OF SOIL TRACKING FROM VEHICLES SHOULD BE PRESENT ON PUBLIC ROADWAYS EXITING THE SITE.

INSTALLATION: THE STABILIZED CONSTRUCTION EXIT(S) WILL CONSIST OF AN 8 INCH LAYER OF 3"-5" STONE, PLACED OVER A LAYER OF GOETEXTILE FABRIC (IN ORDER TO PROVIDE SEPARATION FROM THE UNDERLYING SOIL AND PREVENT THE STONE FROM BEING GROUND DOWN INTO THE SOIL.) THE STABILIZED CONSTRUCTION EXIT MUST BE WIDE ENOUGH TO COVER THE ENTIRE WIDTH OF THE EXIT AND IT SHOULD BE FLARED WHERE IT MEETS THE ROADWAY TO ACCOMMODATE LONGER CONSTRUCTION VEHICLES. THE STABILIZED CONSTRUCTION EXIT MUST BE LONG ENOUGH TO ALLOW MUD AND SEDIMENT TO BECOME DISLODGED FROM VEHICLE TIRES, AND/OR A MINIMUM OF 50' IN LENGTH.

MAINTENANCE: DURING THE COURSE OF CONSTRUCTION THE STABILIZED CONSTRUCTION EXIT WILL BECOME FILLED WITH ACCUMULATED SEDIMENT AND/OR THE STONE WILL BECOME COMPACTED. THE COMTRACTOR MUST REPAIR THE EXIT AS NECESSARY BY REMOVING ACCUMULATED SEDIMENT, REPLACING THE STONE OR BACK-BLADING THE STONE TO REFRESH IT. IF TRACKING OF SEDIMENT OCCURS, THE CONTRACTOR MUST REMOVE DEPOSITED SEDIMENT BY COMPLYING WITH THE FOLLOWING REQUIREMENTS:
- WHERE TRACK-OUT OF SEDIMENT OCCURS FROM THE SITE ONTO OFF-SITE STREETS, SIDEWALKS, AND OTHER PAVED AREAS, DEPOSITS MUST BE SWEPT, SHOVELED OR VACCUMED TO REMOVE TRACK-OUT MATERIAL OR OTHER SEDIMENT DEPOSITS BY THE END OF THE SAME WORK DAY IN WHICH THE TRACK OUT IS DISCOVERED.
- HOSING OR SWEEPING TRACKED-OUT SEDIMENT INTO ANY STORMWATER CONVEYANCE (UNLESS IT IS CONNECTED TO A SEDIMENT BASIN, SEDIMENT TRAP, OR SIMILARLY EFFECTIVE CONTROL), STORM DRAIN INLET, OR SURFACE WATER IS PROHIBITED.

6 50' LONG STABILIZED CONSTRUCTION ENTRANCE/EXIT
SCALE: NTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo
SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CD-501 — Dwn. — Dsgn. — Chkd. — 2026-02-08 YYYY.MM.DD

Title
DEMOLITION & EROSION CONTROL DETAILS

Contract No.	Sheet	Scale
210400118	12 of 89	AS NOTED
Revision	Drawing No.	
	CD-501	

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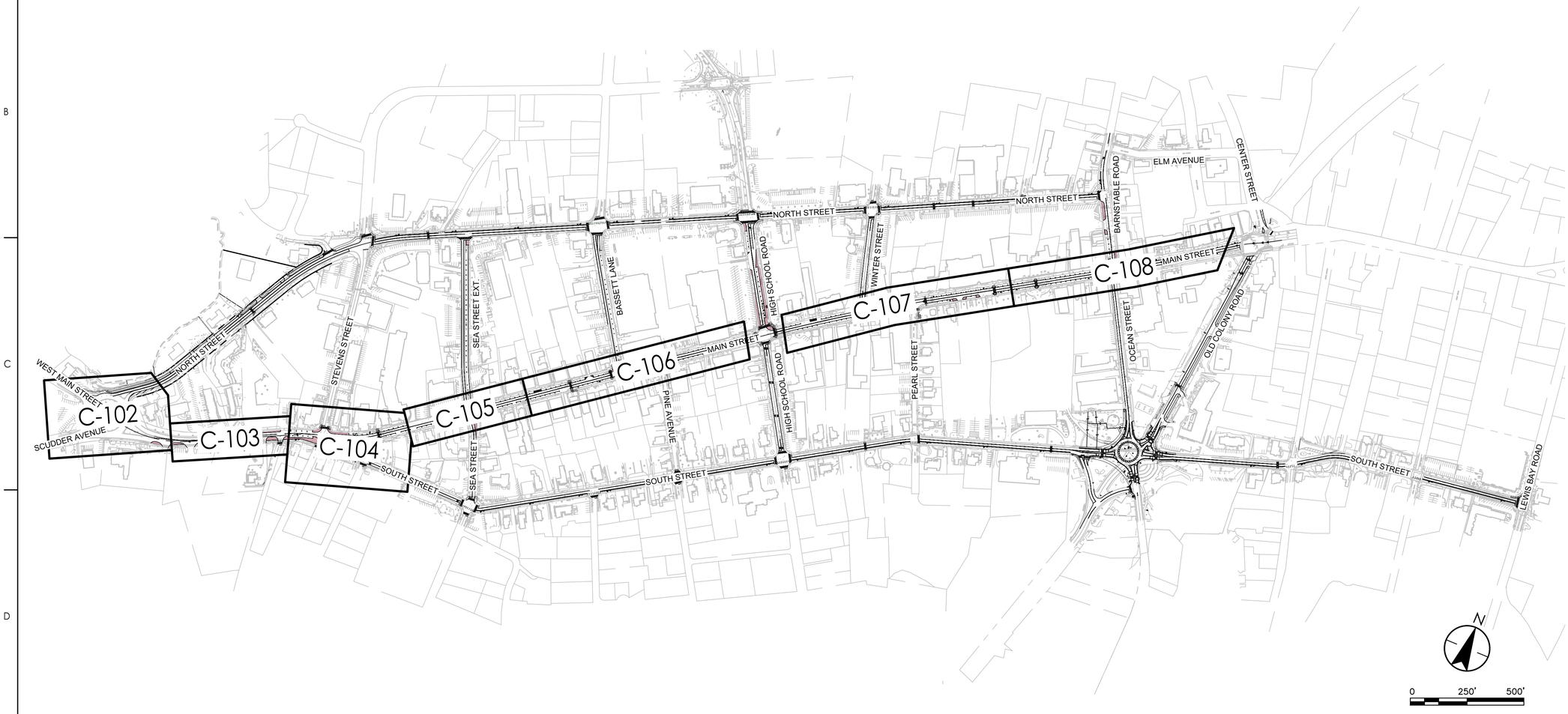

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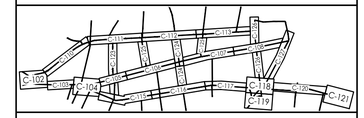

ROADWAY LEGEND

- PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
- 100-FT INNER RIPARIAN ZONE
- 200-FT OUTER RIPARIAN ZONE
- BICYCLIST SYMBOL WITH ARROW PAVEMENT MARKING
- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
- SCHOOL ZONE INDICATOR PAINT MARKING
- YIELD MARKINGS
- LIGHT POLE
- RECTANGULAR RAPID FLASHING BEACON
- POLE-MOUNTED LIGHT ARM
- CURB CORNER (TYPE A)
- SIGN POST & FOOTING
- DETECTABLE WARNING PANEL
- ACCESSIBLE PARKING PAVEMENT MARKING
- CONCRETE SIDEWALK
- BRICK PAVER SIDEWALK
- BRICK PAVER TRUCK APRON
- BIKE LANE PAVEMENT MARKING
- BIKE LANE CROSSING MARKING
- BITUMINOUS SHARED USE PATH
- CURB EXTENSION PAVEMENT MARKING
- COLORED STAMPED PAVEMENT
- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601

DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
MGC	MOUNTABLE GRANITE CURB
TGC	TRANSITION GRANITE CURB

ROADWAY SHEET NOTES

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COMMONWEALTH OF MASSACHUSETTS
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-101 | Dwn. | Dsgn. | Chkd. | 2026-02-08 YYYY.MM.DD

Title
OVERALL ROADWAY PLAN
MAIN STREET

Contract No.	Sheet	Scale
210400118	13 of 89	1" = 250'
Revision	Drawing No.	
	C-101	

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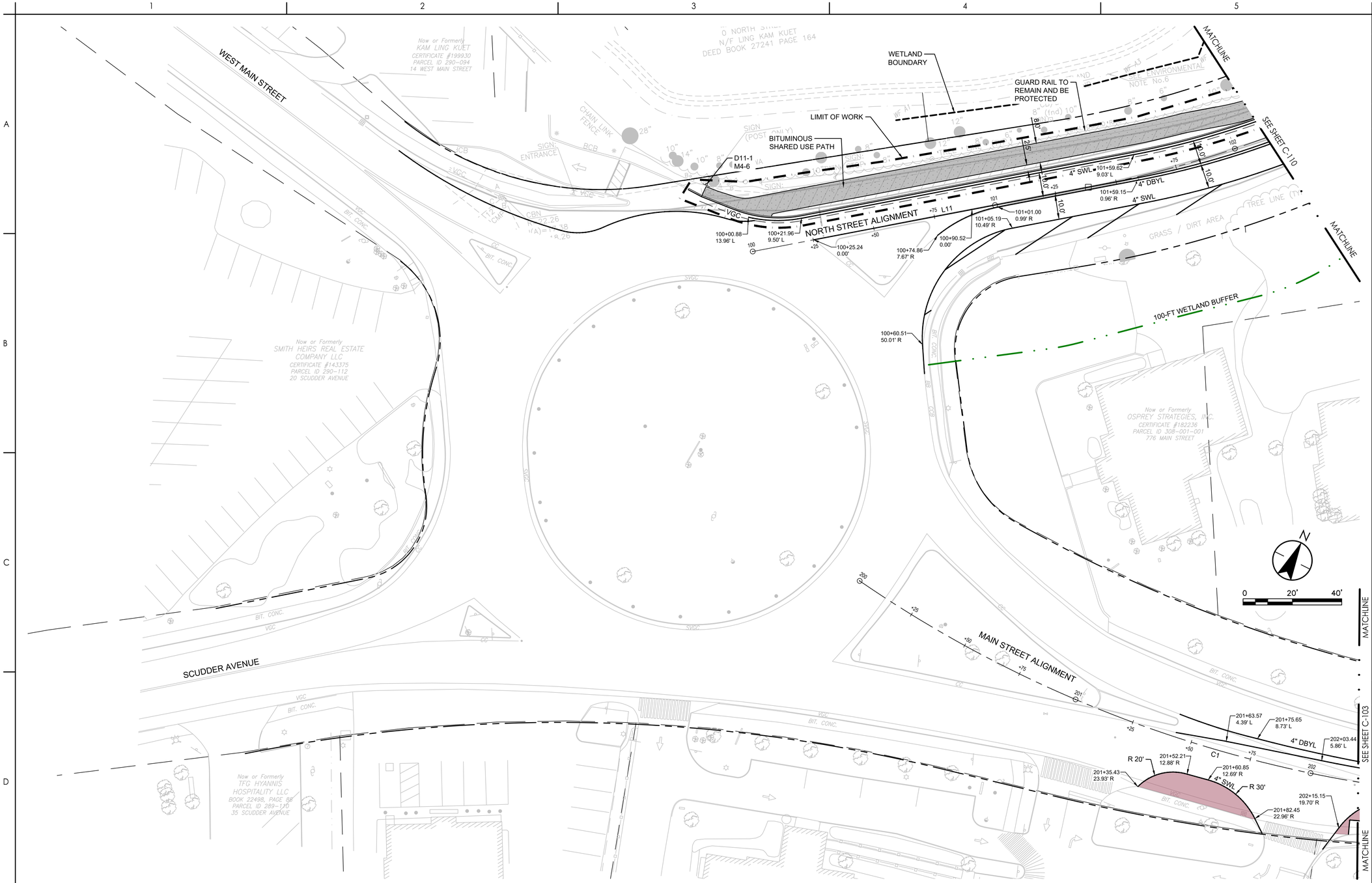
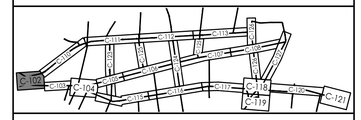


KEY PLAN



ROADWAY LEGEND

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- 100-FT WETLAND BUFFER
- BANK OF STREAM
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- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
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- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601

DBYL	DOUBLE YELLOW PAINTED LINE
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ROADWAY SHEET NOTES

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BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
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GEORGE P. RYAN
COMMONWEALTH OF MASSACHUSETTS
No. 54497
REGISTERED PROFESSIONAL ENGINEER
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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD

Title
ROADWAY PLAN
WEST MAIN STREET ROUNDABOUT

Contract No.	Sheet	Scale
210400118	14 of 89	1" = 20'
Revision	Drawing No.	
	C-102	

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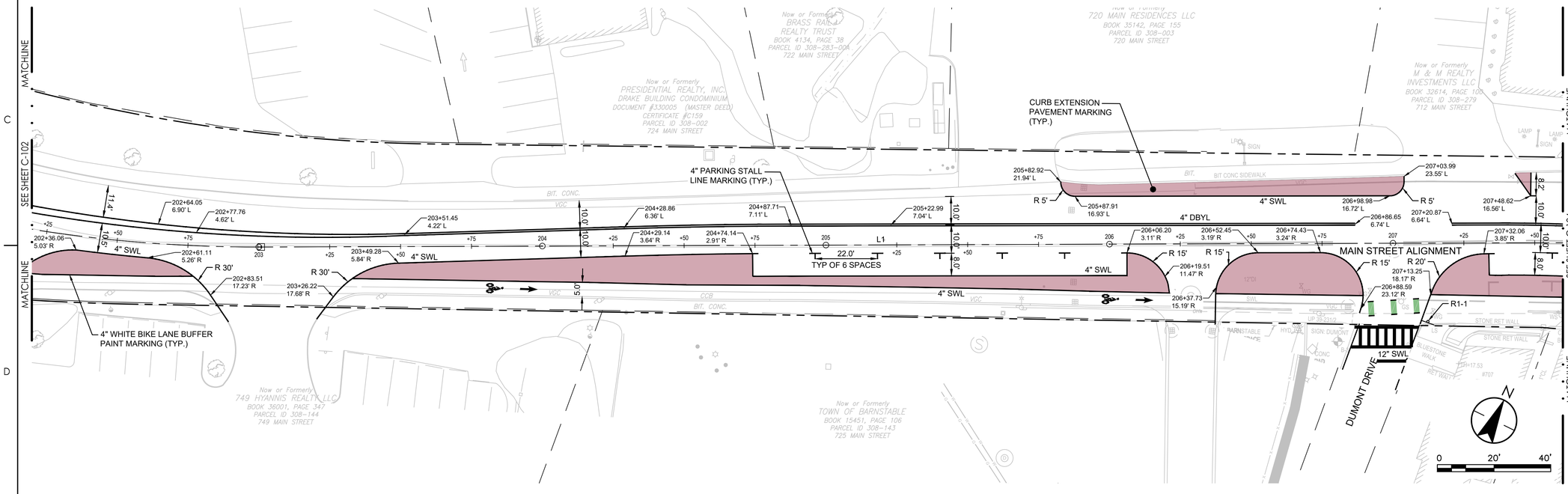
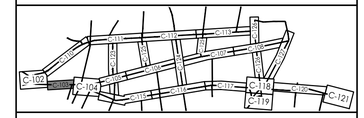


KEY PLAN



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- 100-FT WETLAND BUFFER
- BANK OF STREAM
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- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601

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ROADWAY SHEET NOTES

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Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
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COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
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2/10/2026

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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
ROADWAY PLAN
MAIN STREET 202+21 - 207+60

Contract No.	Sheet	Scale
210400118	15 of 89	1" = 20'
Revision	Drawing No.	
	C-103	

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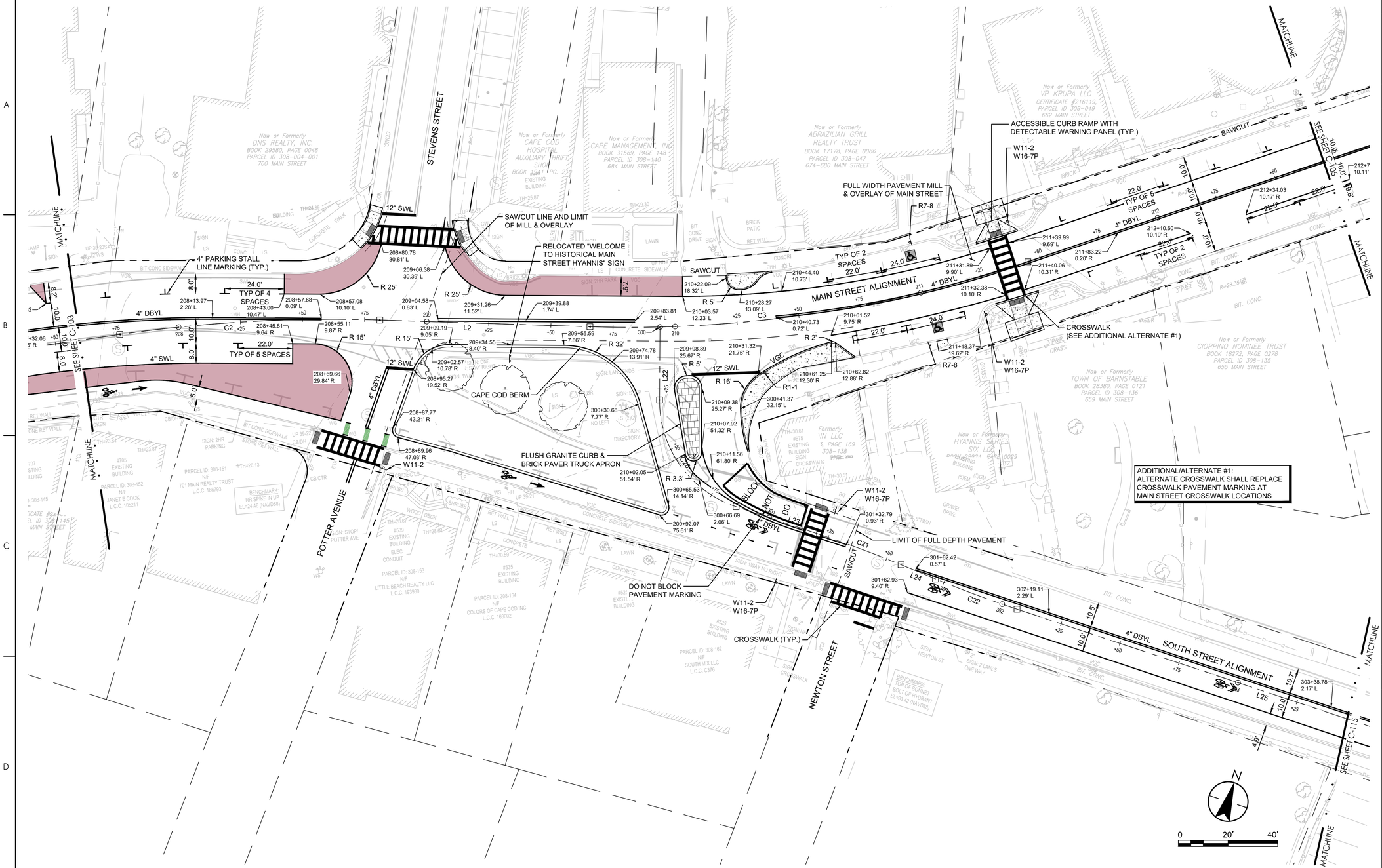
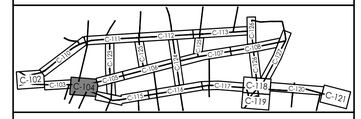


KEY PLAN



ROADWAY LEGEND

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- 100-FT WETLAND BUFFER
- BANK OF STREAM
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- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601
- DBYL — DOUBLE YELLOW PAINTED LINE
- DYL — DASHED YELLOW PAINTED LINE
- SWL — SOLID WHITE PAINTED LINE
- PSM — PARKING SPACE MARKING
- VGC — VERTICAL GRANITE CURB
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COMMONWEALTH OF MASSACHUSETTS — GEORGE P. RYAN — CIVIL — No. 54497 — REGISTERED PROFESSIONAL ENGINEER
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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD: ----

Title
ROADWAY PLAN
MAIN ST. x SOUTH ST. INTERSECTION

Contract No.	Sheet	Scale
210400118	16 of 89	1" = 20'
Revision	Drawing No.	
	C-104	

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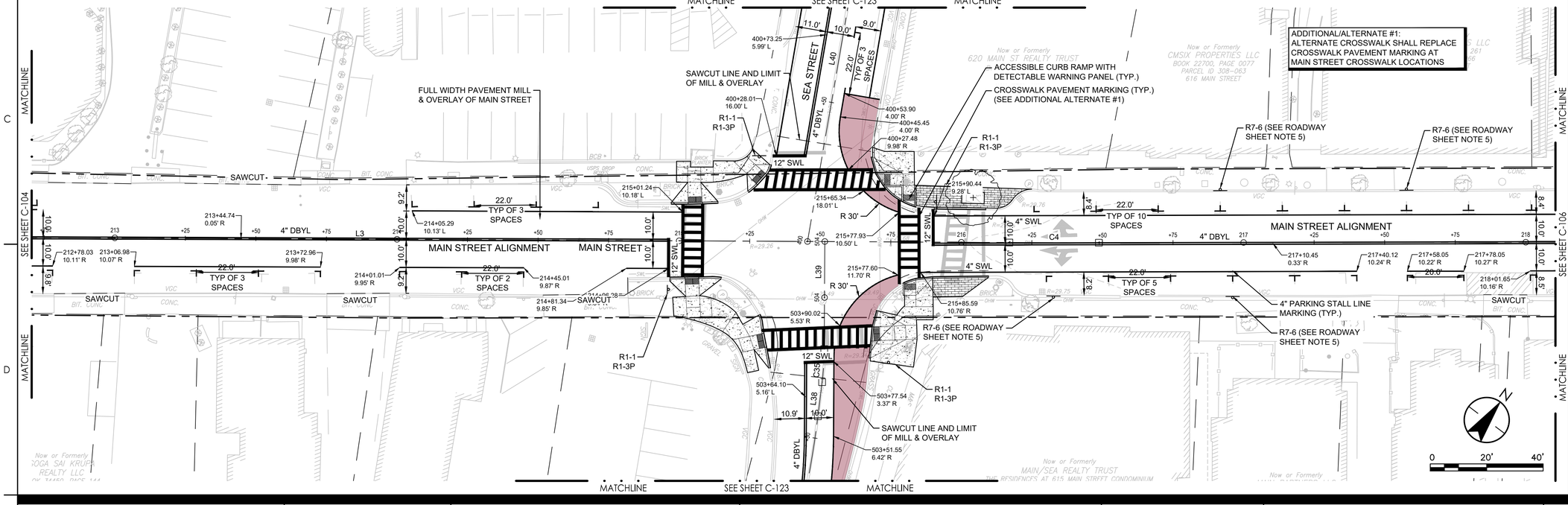

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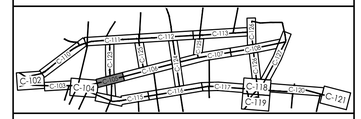

ROADWAY LEGEND

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- BICYCLIST SYMBOL WITH ARROW PAVEMENT MARKING
- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
- SCHOOL ZONE INDICATOR PAINT MARKING
- YIELD MARKINGS
- LIGHT POLE
- RECTANGULAR RAPID FLASHING BEACON
- POLE-MOUNTED LIGHT ARM
- CURB CORNER (TYPE A)
- SIGN POST & FOOTING
- DETECTABLE WARNING PANEL
- ACCESSIBLE PARKING PAVEMENT MARKING
- CONCRETE SIDEWALK
- BRICK PAVER SIDEWALK
- BRICK PAVER TRUCK APRON
- BIKE LANE PAVEMENT MARKING
- BIKE LANE CROSSING MARKING
- BITUMINOUS SHARED USE PATH
- CURB EXTENSION PAVEMENT MARKING
- COLORED STAMPED PAVEMENT
- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601

DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
MGC	MOUNTABLE GRANITE CURB
TGC	TRANSITION GRANITE CURB

ROADWAY SHEET NOTES

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Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22

Issued By Appd YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
ROADWAY PLAN
MAIN STREET 212+71 - 218+11

Contract No.	Sheet	Scale
210400118	17 of 89	1" = 20'
Revision	Drawing No.	
	C-105	

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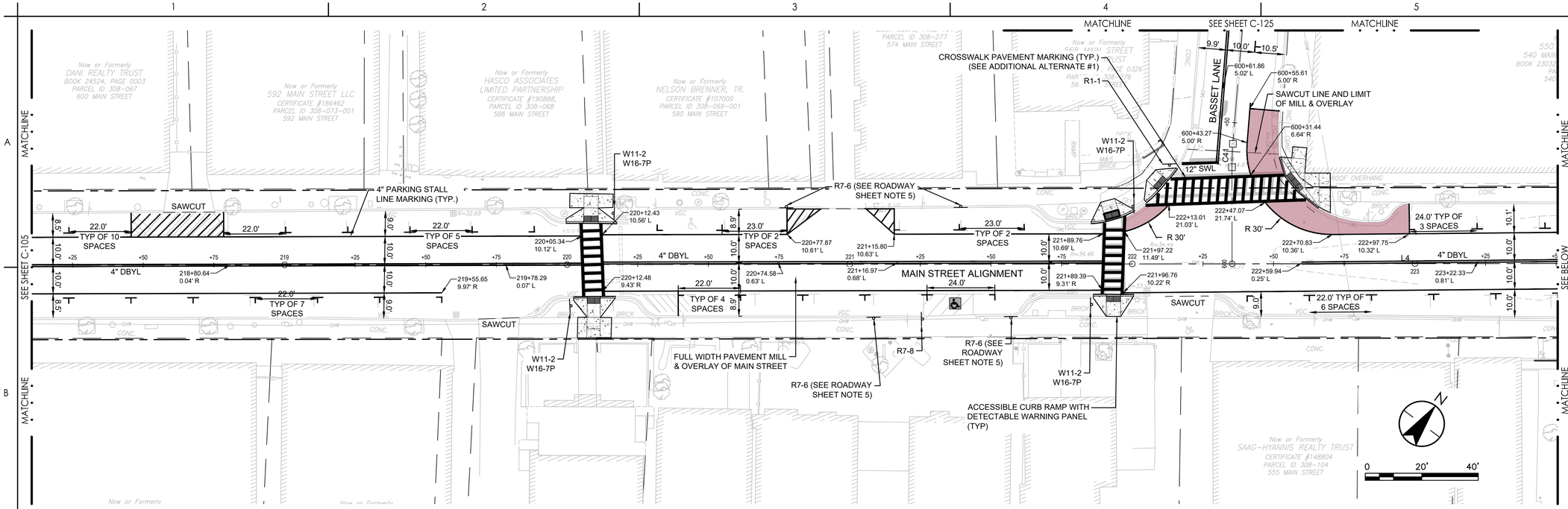

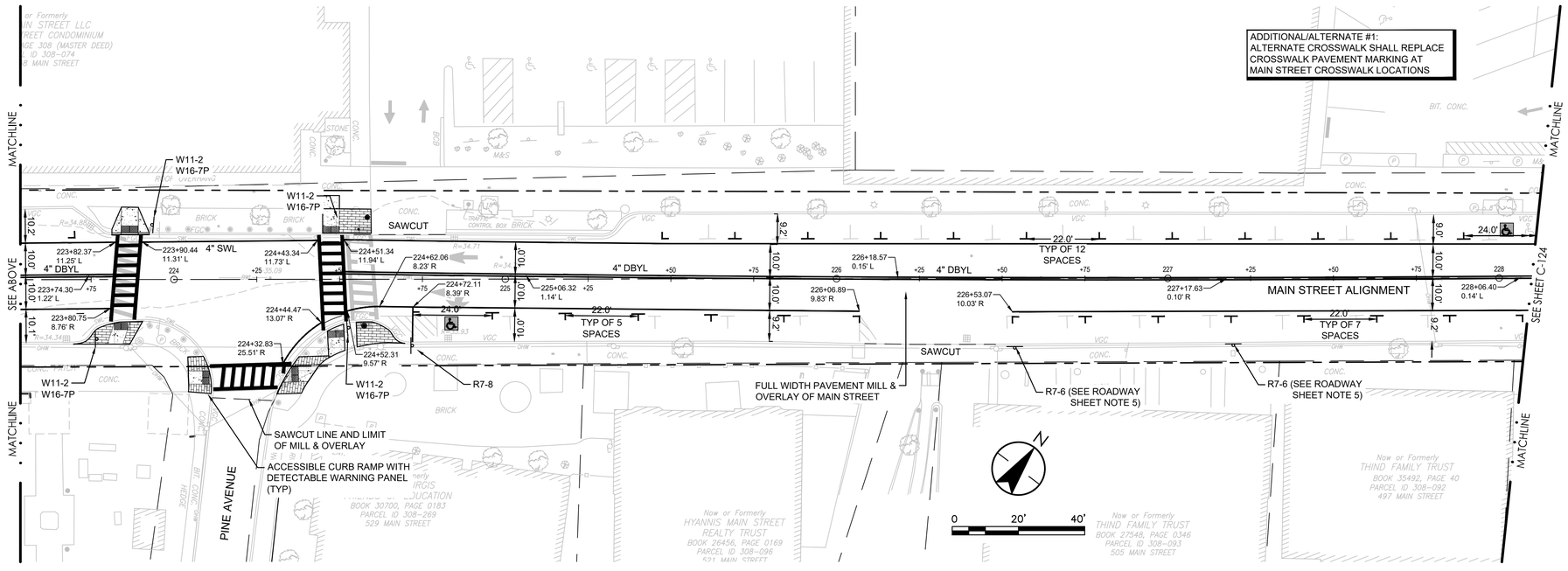

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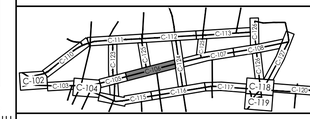

ROADWAY LEGEND

- PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
- 100-FT INNER RIPARIAN ZONE
- 200-FT OUTER RIPARIAN ZONE
- BICYCLIST SYMBOL WITH ARROW PAVEMENT MARKING
- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
- SCHOOL ZONE INDICATOR PAINT MARKING
- YIELD MARKINGS
- LIGHT POLE
- RECTANGULAR RAPID FLASHING BEACON
- POLE-MOUNTED LIGHT ARM
- CURB CORNER (TYPE A)
- SIGN POST & FOOTING
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- BRICK PAVER SIDEWALK
- BRICK PAVER TRUCK APRON
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- CURB EXTENSION PAVEMENT MARKING
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DBYL	DOUBLE YELLOW PAINTED LINE
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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD

Title
ROADWAY PLAN
MAIN STREET 218+11 - 228+10

Contract No.	Sheet	Scale
210400118	18 of 89	1" = 20'
Revision	Drawing No.	
	C-106	

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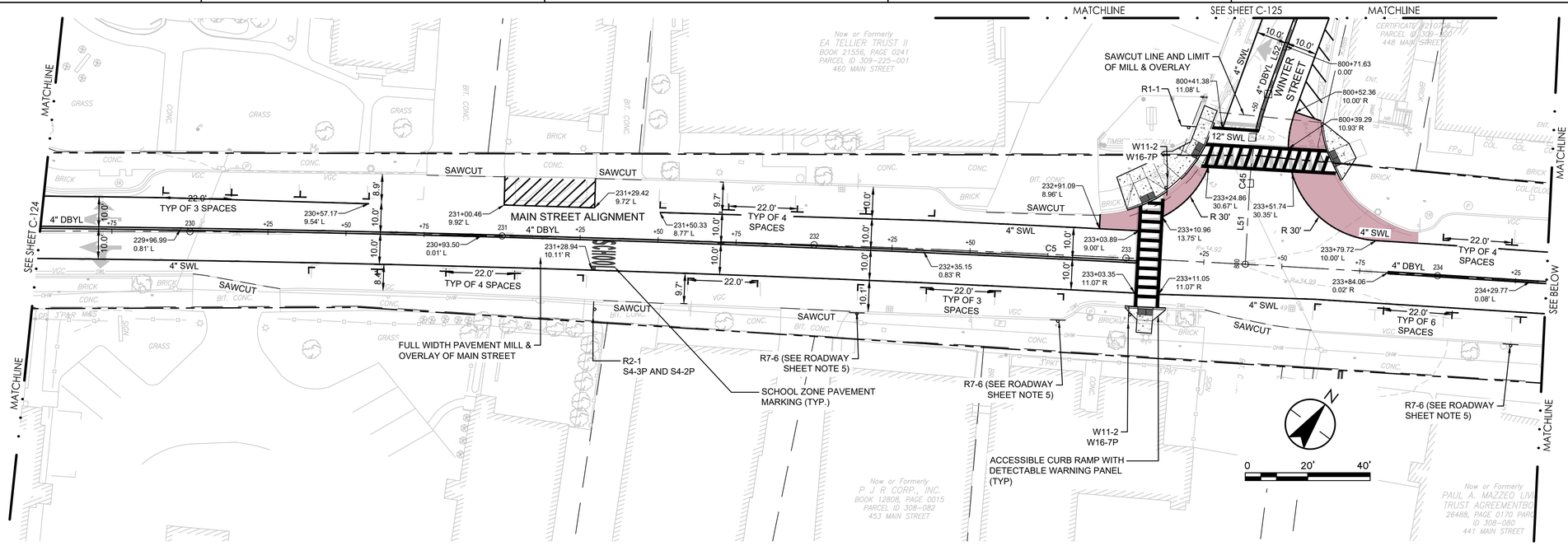

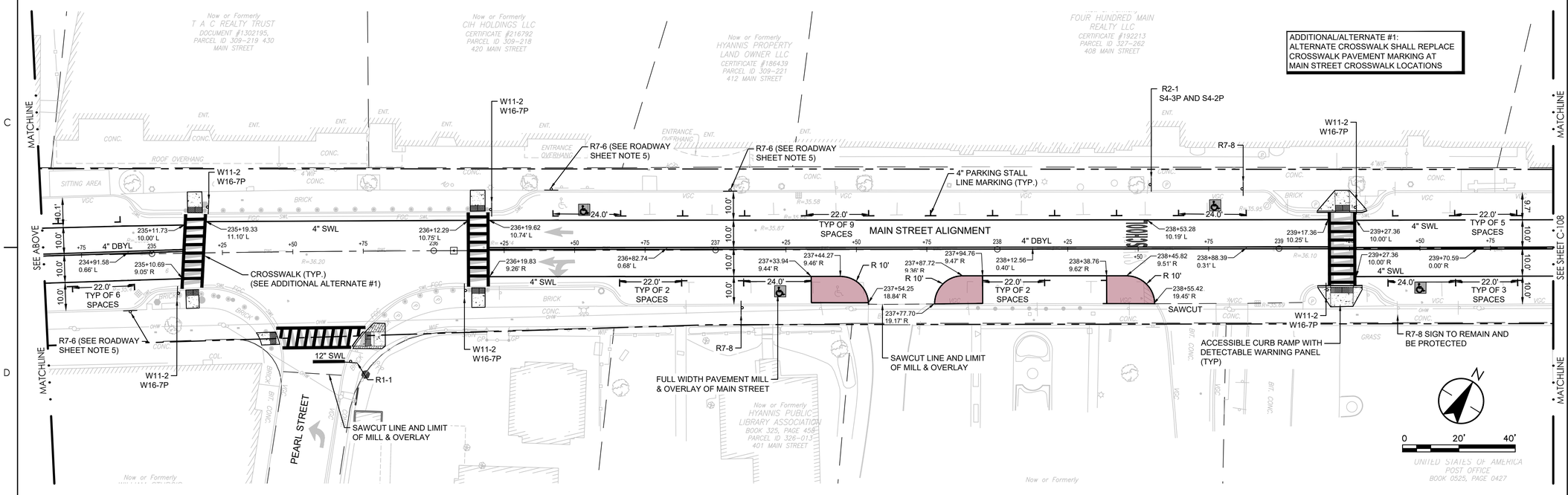

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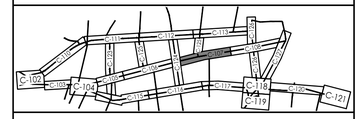

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- LIMIT OF DISTURBANCE
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- 100-FT WETLAND BUFFER
- BANK OF STREAM
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ROADWAY SHEET NOTES

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100% DESIGN DRAFT	PCW	GPR	2025.12.22
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
ROADWAY PLAN
MAIN STREET 229+52 - 239+97

Contract No.	Sheet	Scale
210400118	19 of 89	1" = 20'
Revision	Drawing No.	
	C-107	

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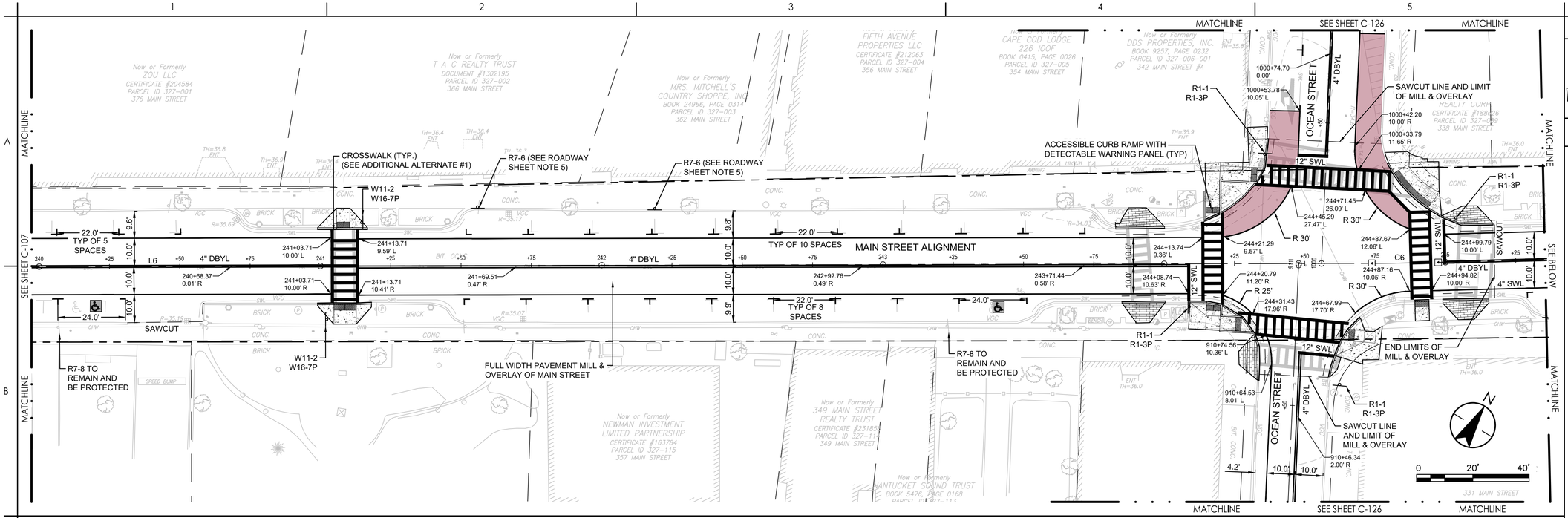
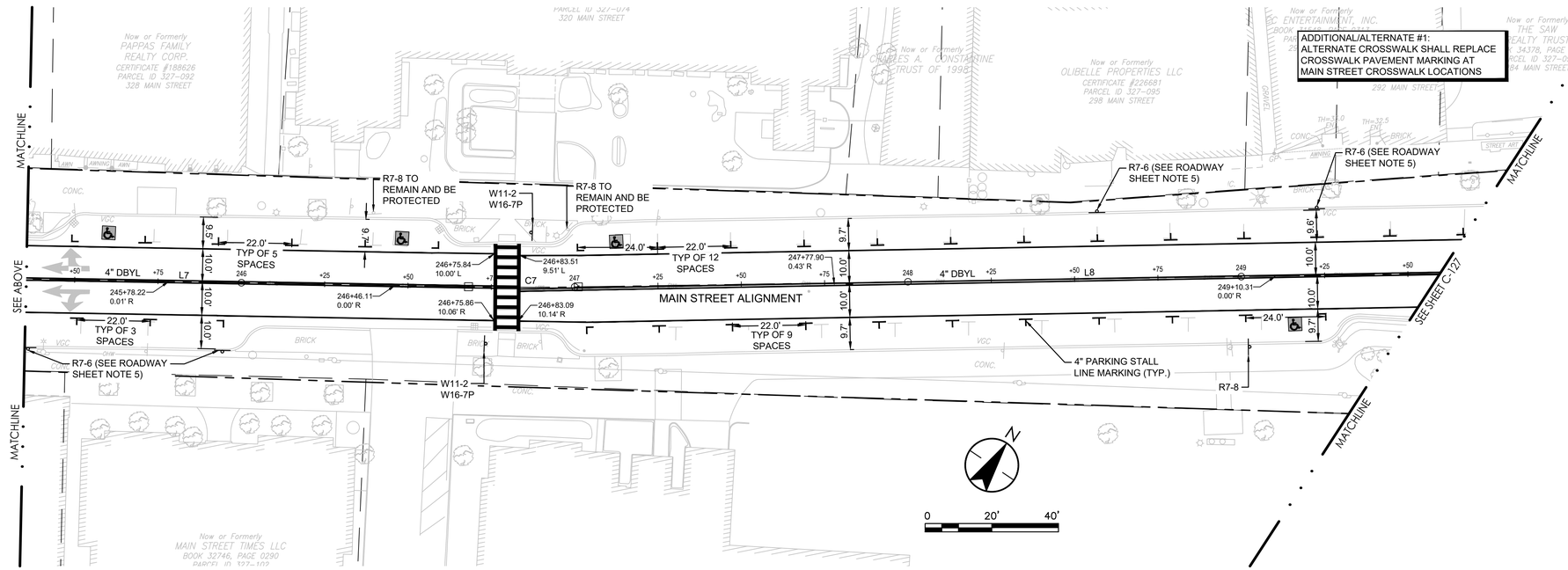
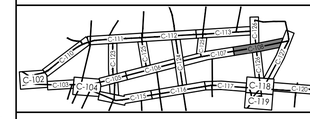




KEY PLAN



ROADWAY LEGEND

- PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
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- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
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- YIELD MARKINGS
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- POLE-MOUNTED LIGHT ARM
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100% DESIGN DRAFT	PCW	GPR	2025.12.22
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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
ROADWAY PLAN
MAIN STREET 239+97 - 249+60

Contract No.	Sheet	Scale
210400118	20 of 89	1" = 20'
Revision	Drawing No.	
	C-108	

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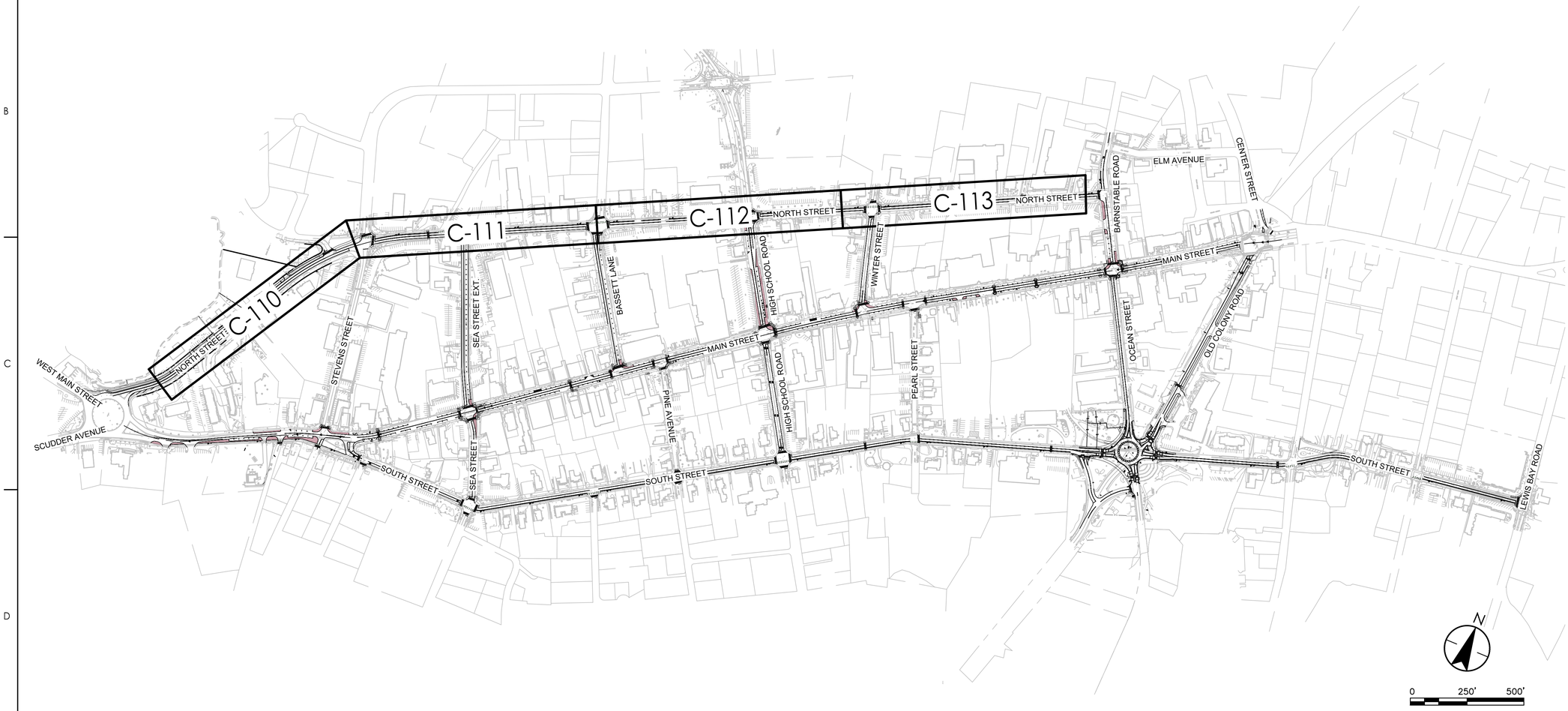
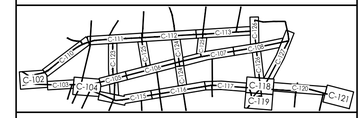


KEY PLAN



ROADWAY LEGEND

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- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
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Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-101 — Dwn. — Dsgn. — Chkd. — 2026-02-08 YYYY.MM.DD

Title
OVERALL ROADWAY PLAN
NORTH STREET

Contract No.	Sheet	Scale
210400118	21 of 89	1" = 250'
Revision	Drawing No.	
	C-109	

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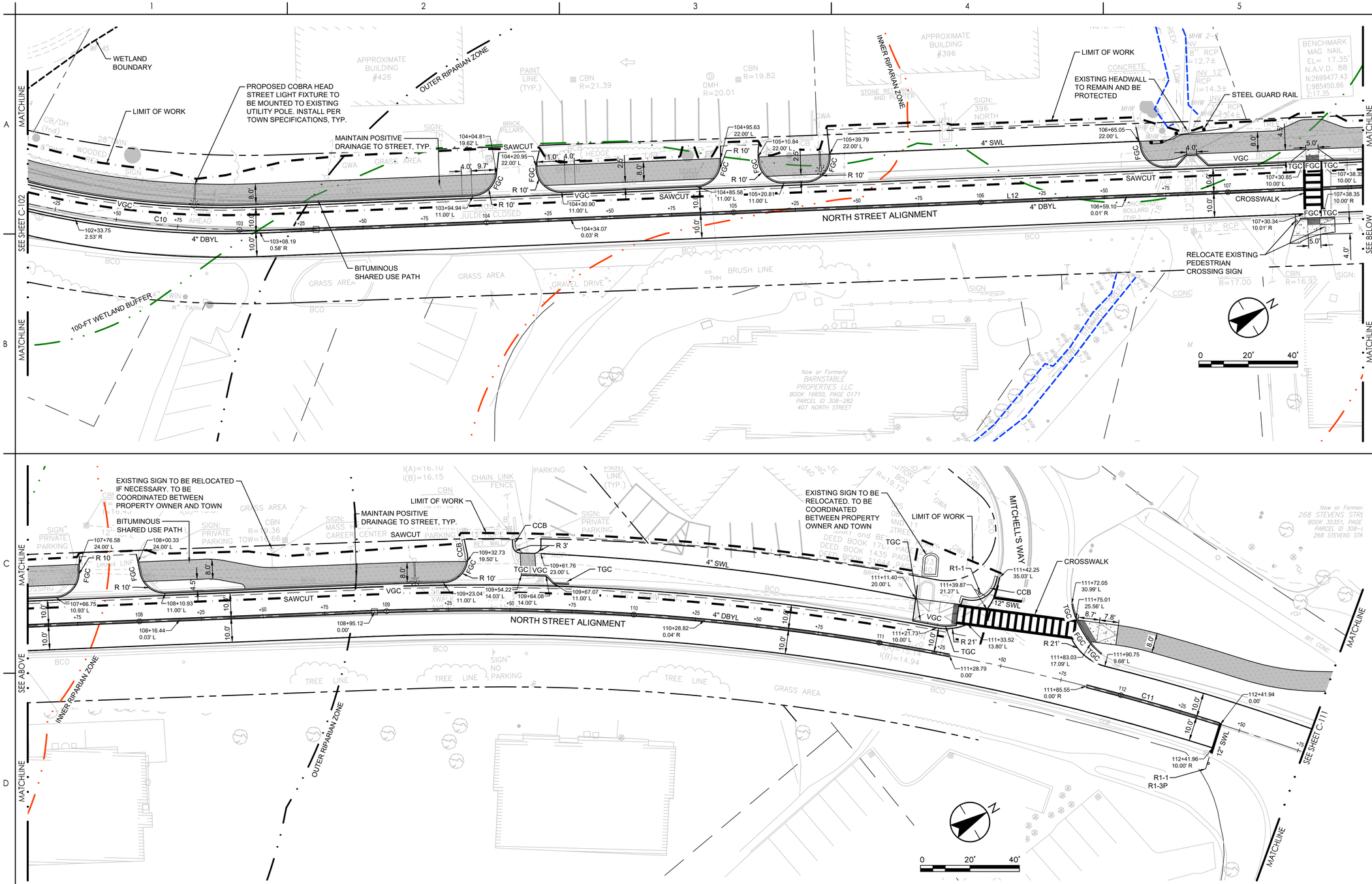
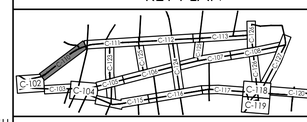


KEY PLAN



ROADWAY LEGEND

- PROPERTY LINE
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- 100-FT WETLAND BUFFER
- BANK OF STREAM
- 100-FT INNER RIPARIAN ZONE
- 200-FT OUTER RIPARIAN ZONE
- BICYCLIST SYMBOL WITH ARROW PAVEMENT MARKING
- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
- SCHOOL ZONE INDICATOR PAINT MARKING
- YIELD MARKINGS
- LIGHT POLE
- RECTANGULAR RAPID FLASHING BEACON
- POLE-MOUNTED LIGHT ARM
- CURB CORNER (TYPE A)
- SIGN POST & FOOTING
- DETECTABLE WARNING PANEL
- ACCESSIBLE PARKING PAVEMENT MARKING
- CONCRETE SIDEWALK
- BRICK PAVER SIDEWALK
- BRICK PAVER TRUCK APRON
- BIKE LANE PAVEMENT MARKING
- BIKE LANE CROSSING MARKING
- BITUMINOUS SHARED USE PATH
- CURB EXTENSION PAVEMENT MARKING
- COLORED STAMPED PAVEMENT
- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601

DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
MGC	MOUNTABLE GRANITE CURB
TGC	TRANSITION GRANITE CURB

ROADWAY SHEET NOTES

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BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
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COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD

Title
ROADWAY PLAN
NORTH STREET 102+13 - 112+77

Contract No.	Sheet	Scale
210400118	22 of 89	1" = 20'
Revision	Drawing No.	
	C-110	

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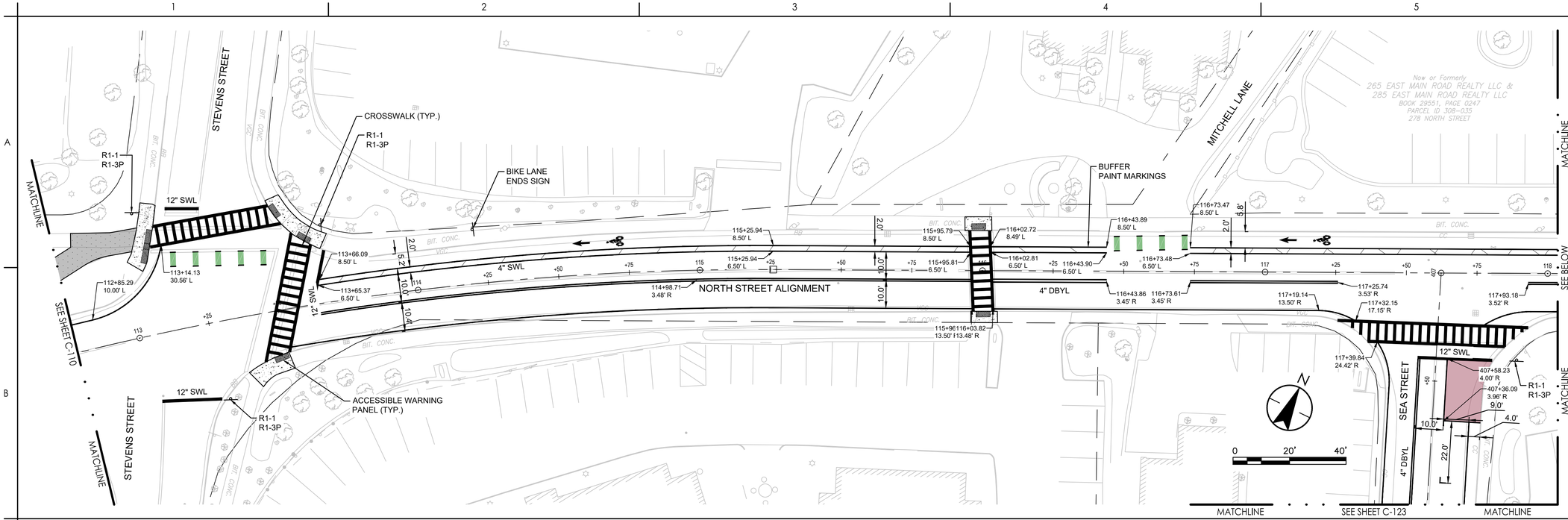

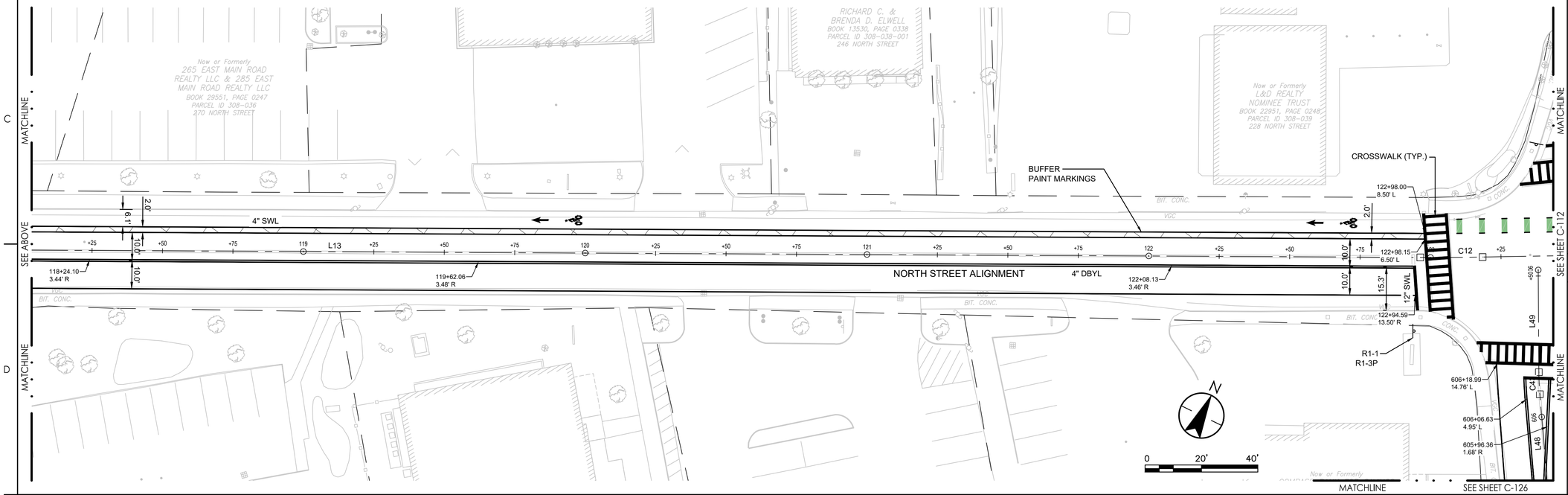

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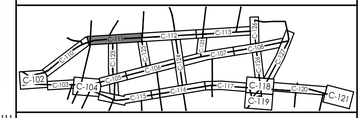

ROADWAY LEGEND

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- 100-FT WETLAND BUFFER
- BANK OF STREAM
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
ROADWAY PLAN
NORTH STREET 112+77 - 123+44

Contract No.	Sheet	Scale
210400118	23 of 89	1" = 20'
Revision	Drawing No.	
	C-111	

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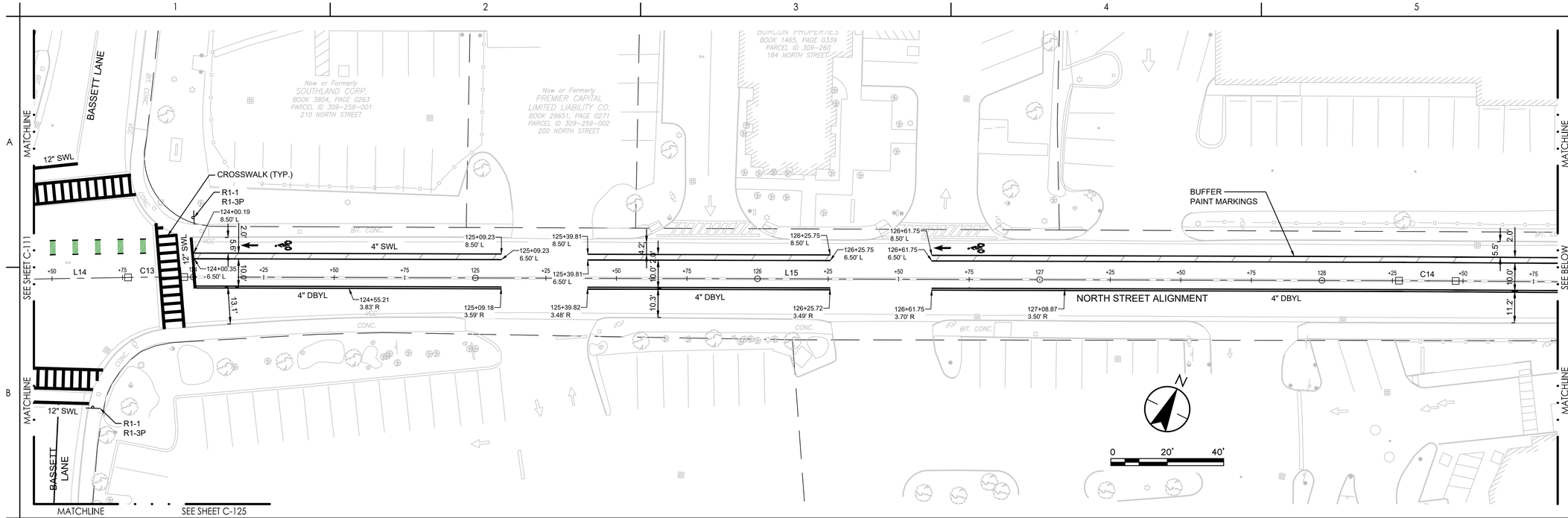

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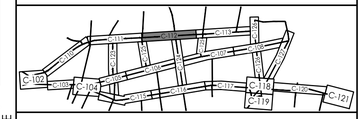

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- 100-FT WETLAND BUFFER
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100% DESIGN DRAFT	PCW	GPR	2025.12.22
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COMMONWEALTH OF MASSACHUSETTS
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
ROADWAY PLAN
NORTH STREET 123+44 - 134+24

Contract No.	Sheet	Scale
210400118	23 of 89	1" = 20'

Revision | Drawing No. C-112

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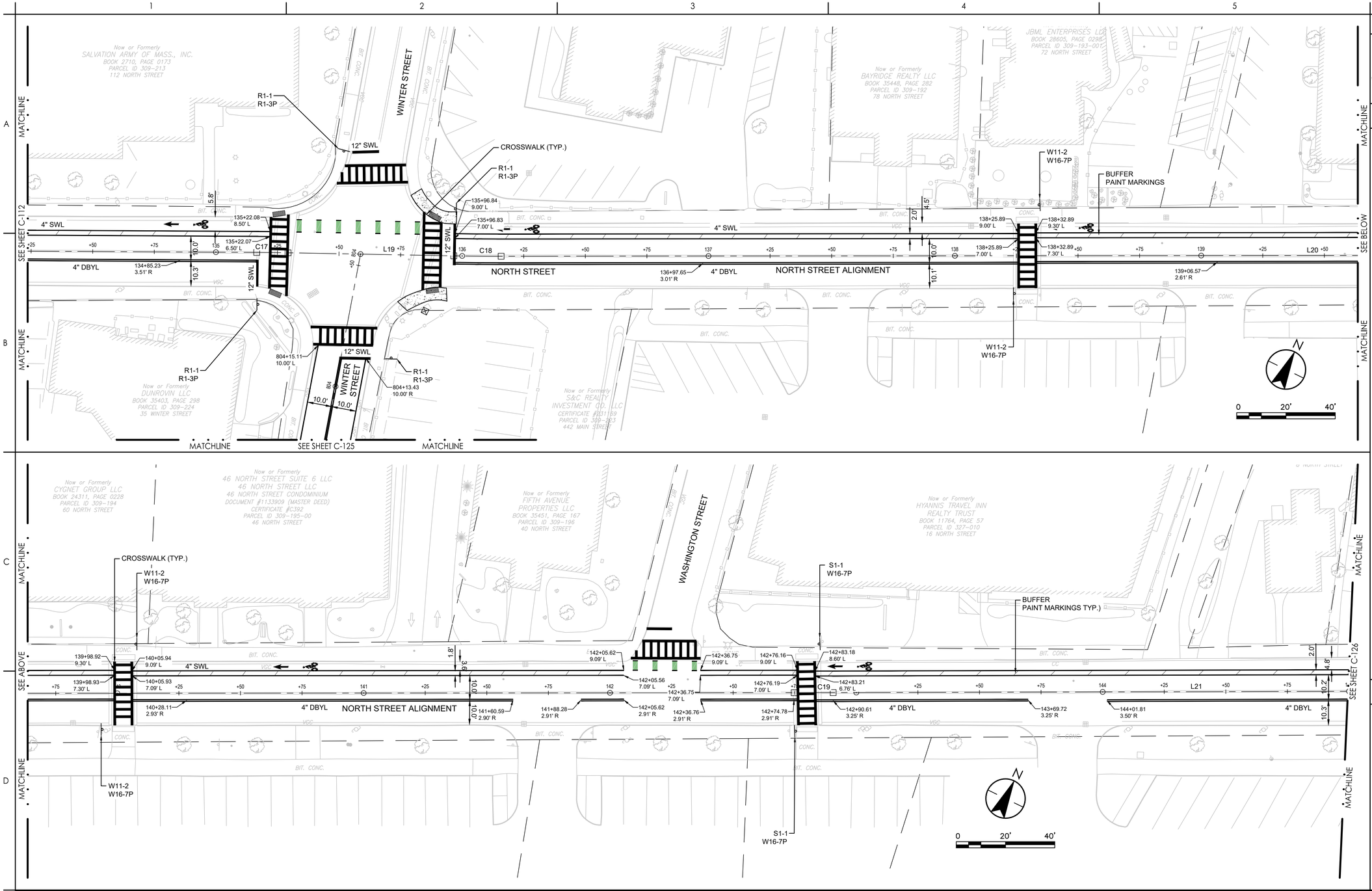

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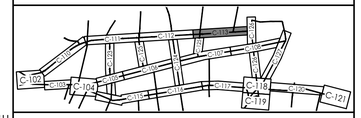

ROADWAY LEGEND

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- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ---

Title
ROADWAY PLAN
NORTH STREET 134+24 - 145+00

Contract No.	Sheet	Scale
210400118	24 of 89	1" = 20'
Revision	Drawing No.	
	C-113	

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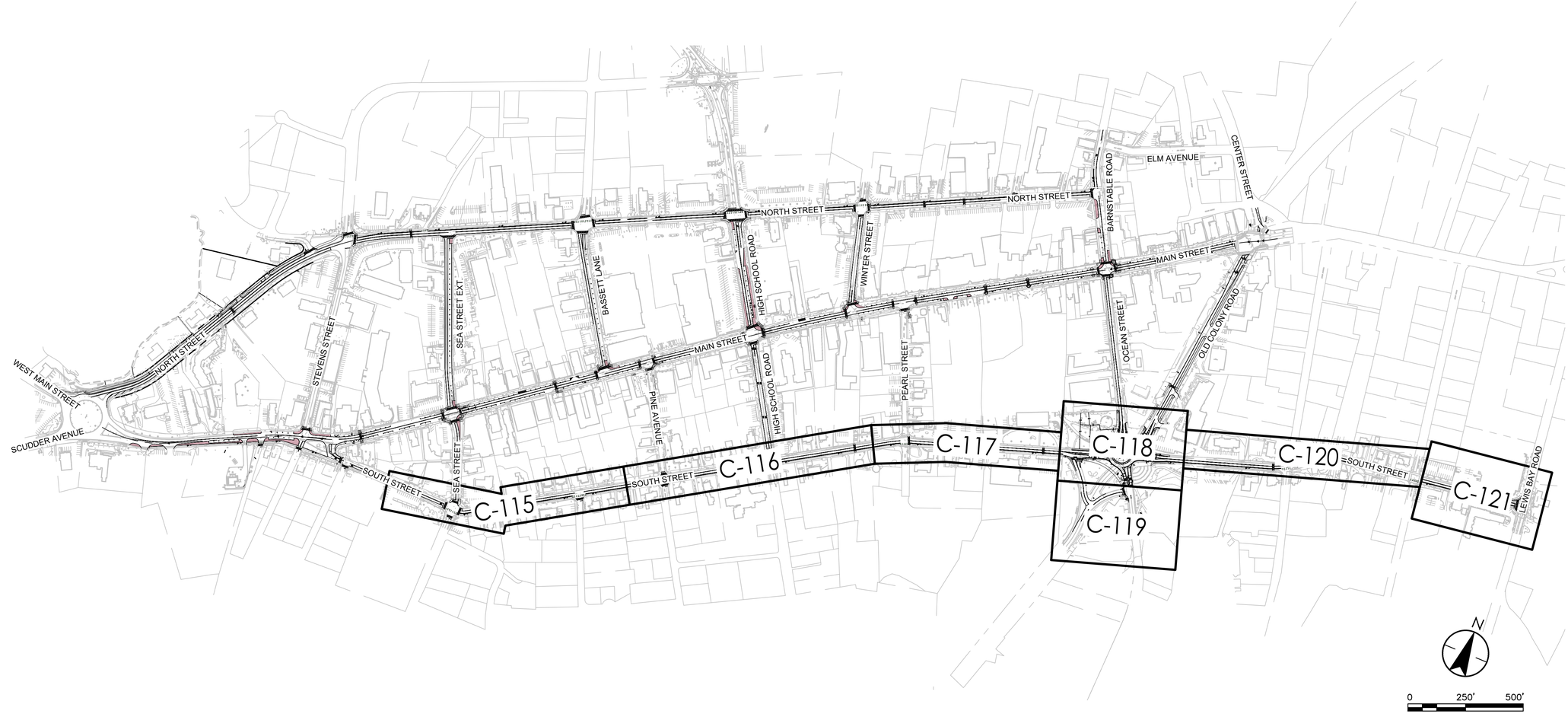
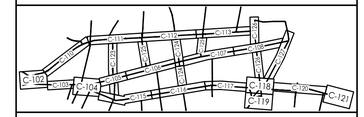


KEY PLAN



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- 100-FT WETLAND BUFFER
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Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-101 | Dwn. | Dsgn. | Chkd. | 2026-02-08 YYYY.MM.DD

Title
OVERALL ROADWAY PLAN
SOUTH STREET

Contract No.	Sheet	Scale
210400118	26 of 89	1" = 250'

Revision | Drawing No. C-114

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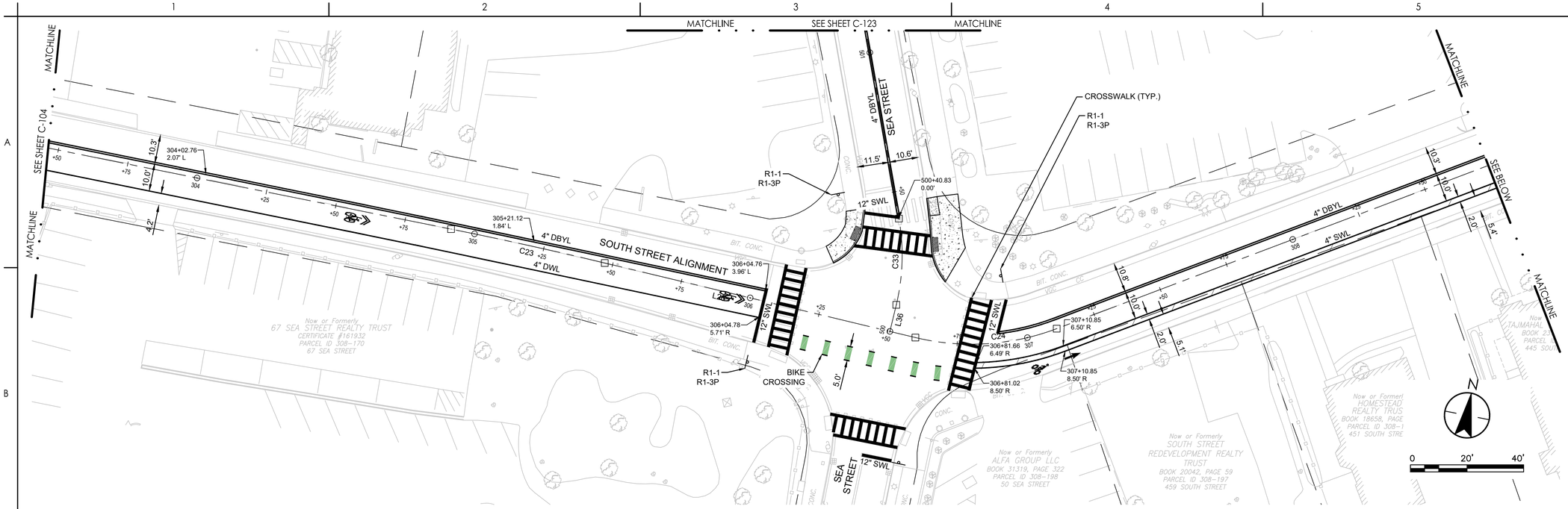

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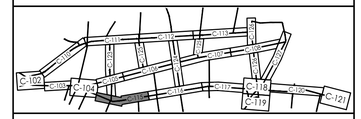

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- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601

DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
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ROADWAY SHEET NOTES

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BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
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COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD: ----

Title
ROADWAY PLAN
SOUTH STREET 303+46 - 314+14

Contract No.	Sheet	Scale
210400118	25 of 89	1" = 20'
Revision	Drawing No.	
	C-115	

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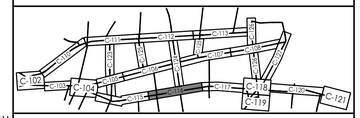
ORIGINAL SHEET - ANSI D



KEY PLAN



ROADWAY LEGEND

- PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
- 100-FT INNER RIPARIAN ZONE
- 200-FT OUTER RIPARIAN ZONE
- BICYCLIST SYMBOL WITH ARROW PAVEMENT MARKING
- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
- SCHOOL ZONE INDICATOR PAINT MARKING
- YIELD MARKINGS
- LIGHT POLE
- RECTANGULAR RAPID FLASHING BEACON
- POLE-MOUNTED LIGHT ARM
- CURB CORNER (TYPE A)
- SIGN POST & FOOTING
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- ACCESSIBLE PARKING PAVEMENT MARKING
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Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD: ---

Title
ROADWAY PLAN
SOUTH STREET 314+14 - 324+93

Contract No.	Sheet	Scale
210400118	28 of 89	1" = 20'

Revision — Drawing No. C-116

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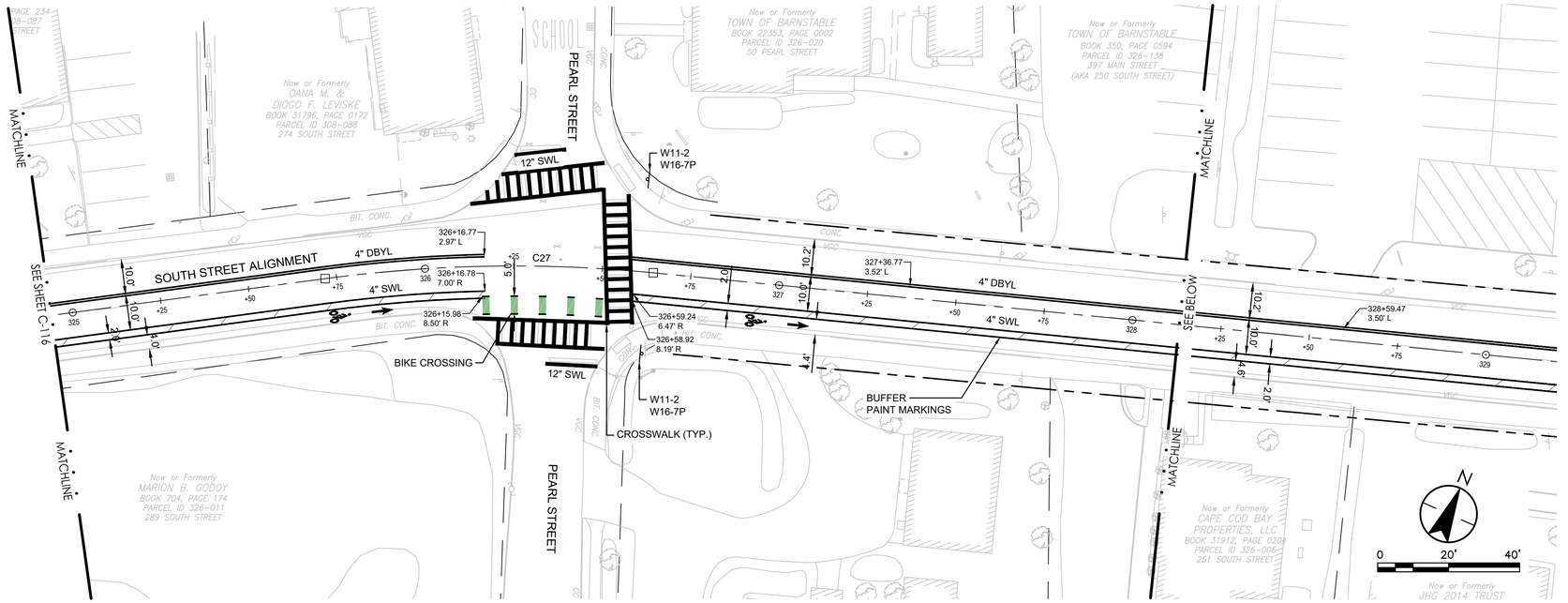

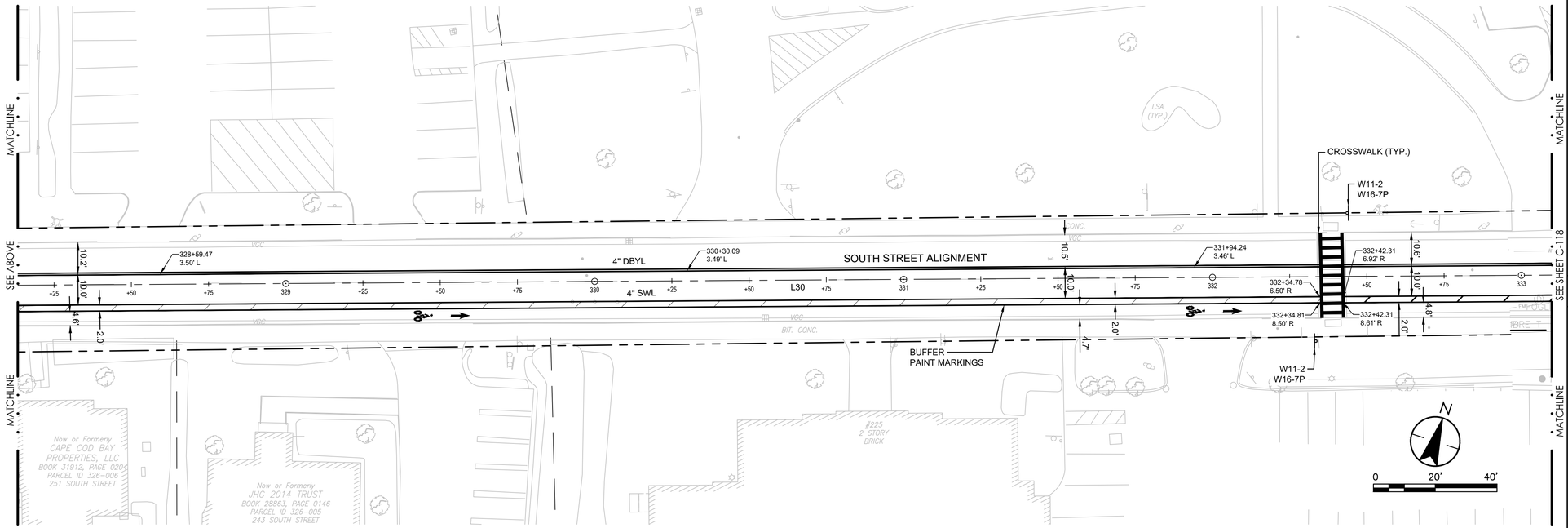

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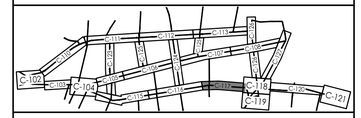

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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ---

Title
ROADWAY PLAN
SOUTH STREET 324+93 - 333+10

Contract No.	Sheet	Scale
210400118	29 of 89	1" = 20'

Revision | Drawing No. C-117

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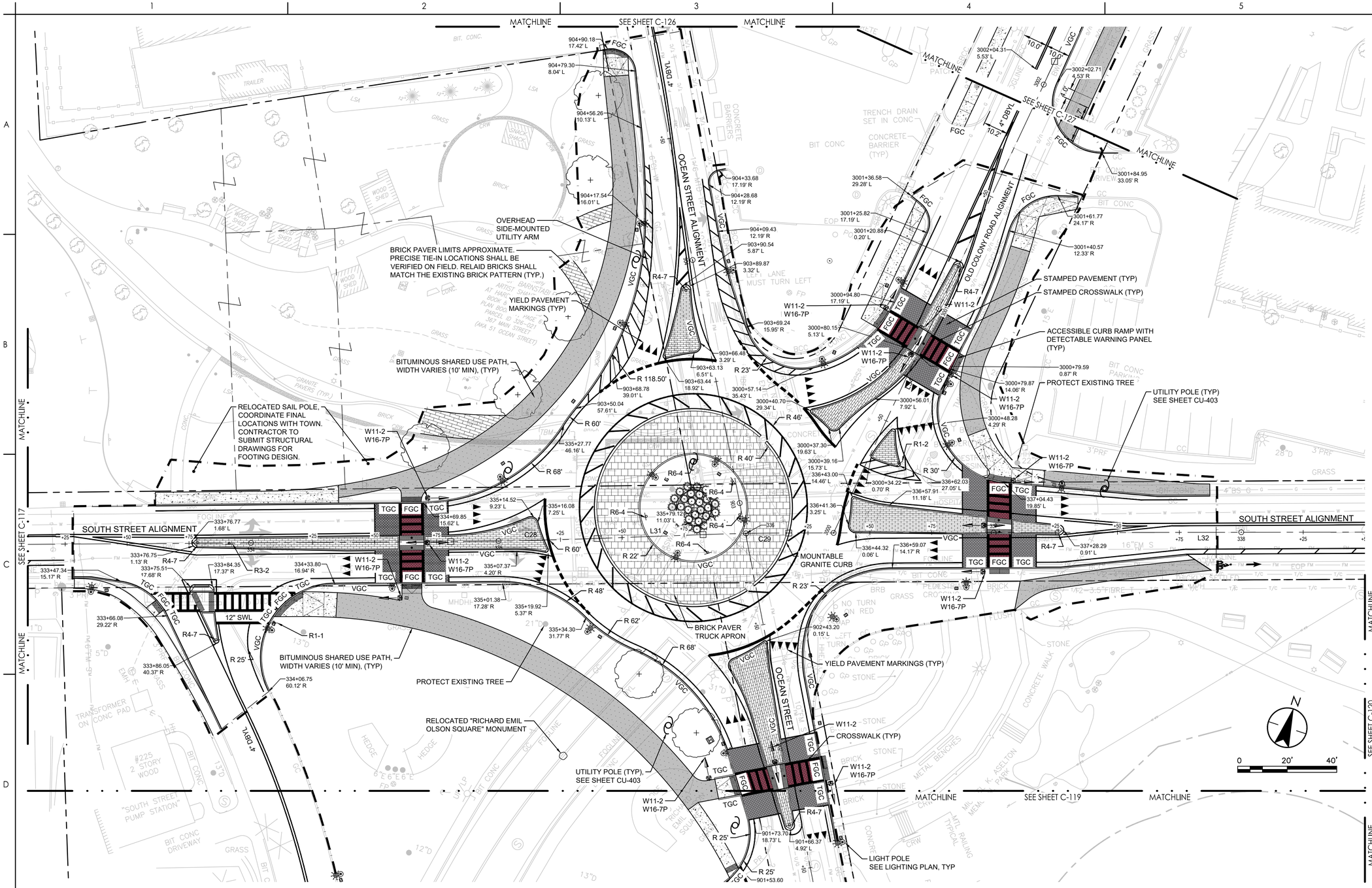
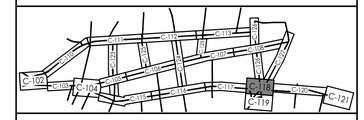


KEY PLAN



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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
ROADWAY PLAN
SIX-POINTS ROUNDABOUT

Contract No.	Sheet	Scale
210400118	30 of 89	1" = 20'

Revision | Drawing No. C-118

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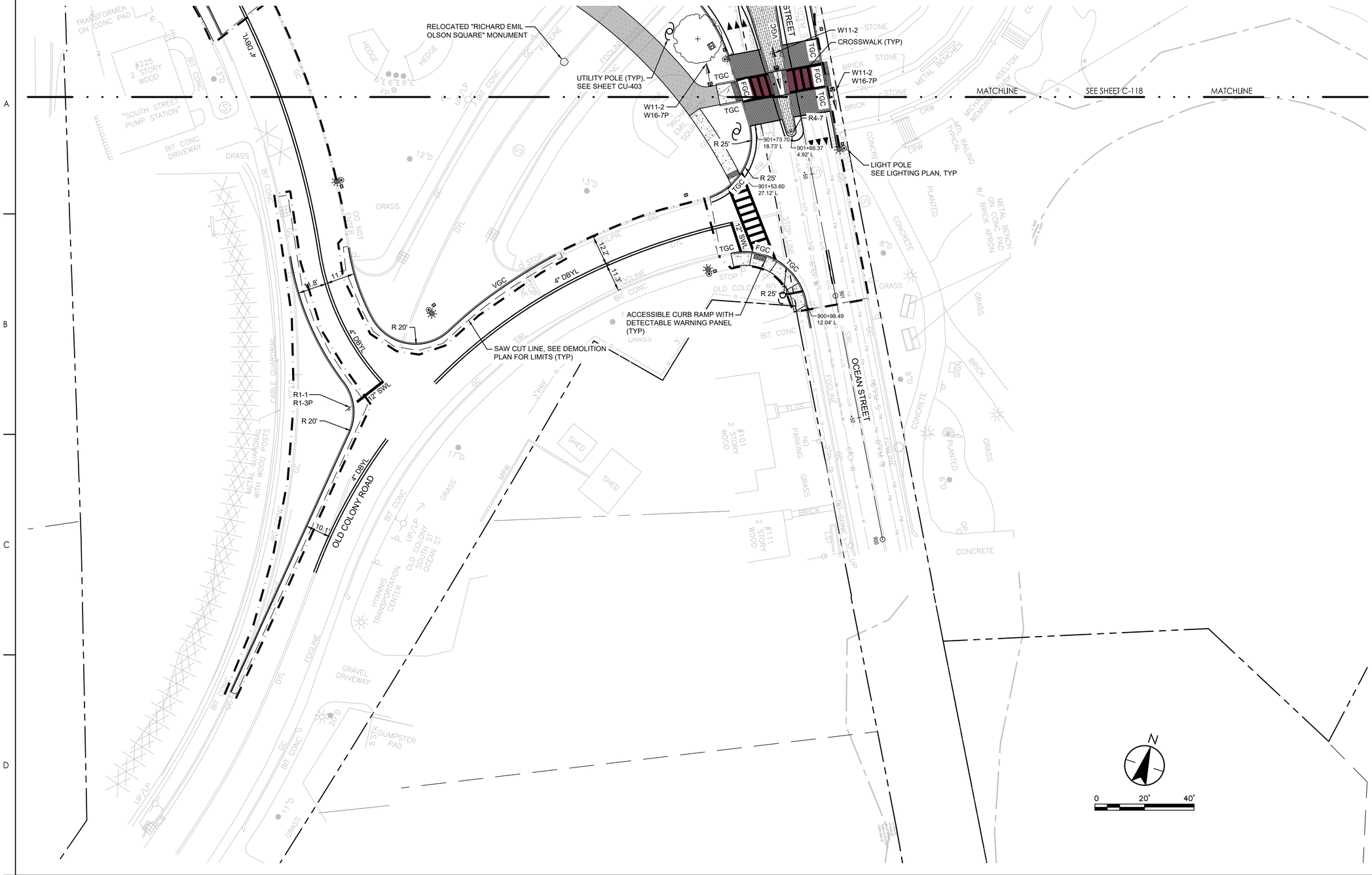
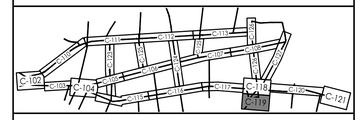


KEY PLAN



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File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ---

Title
ROADWAY PLAN
SIX-POINTS ROUNDABOUT

Contract No.	Sheet	Scale
210400118	31 of 89	1" = 20'

Revision | Drawing No. C-119

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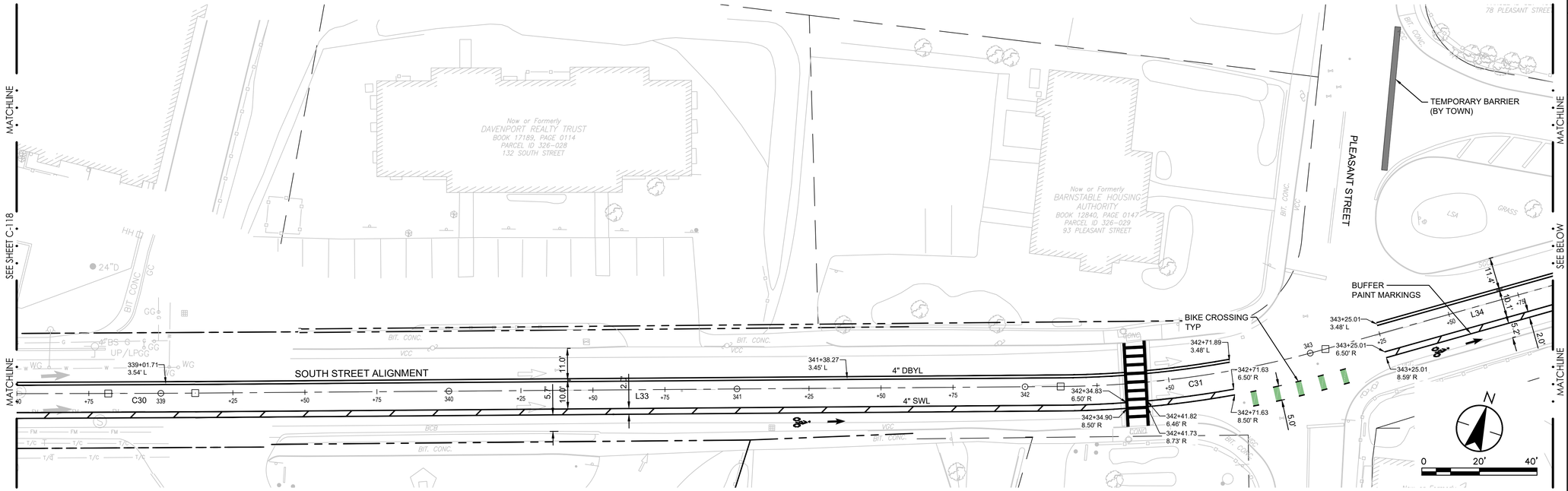

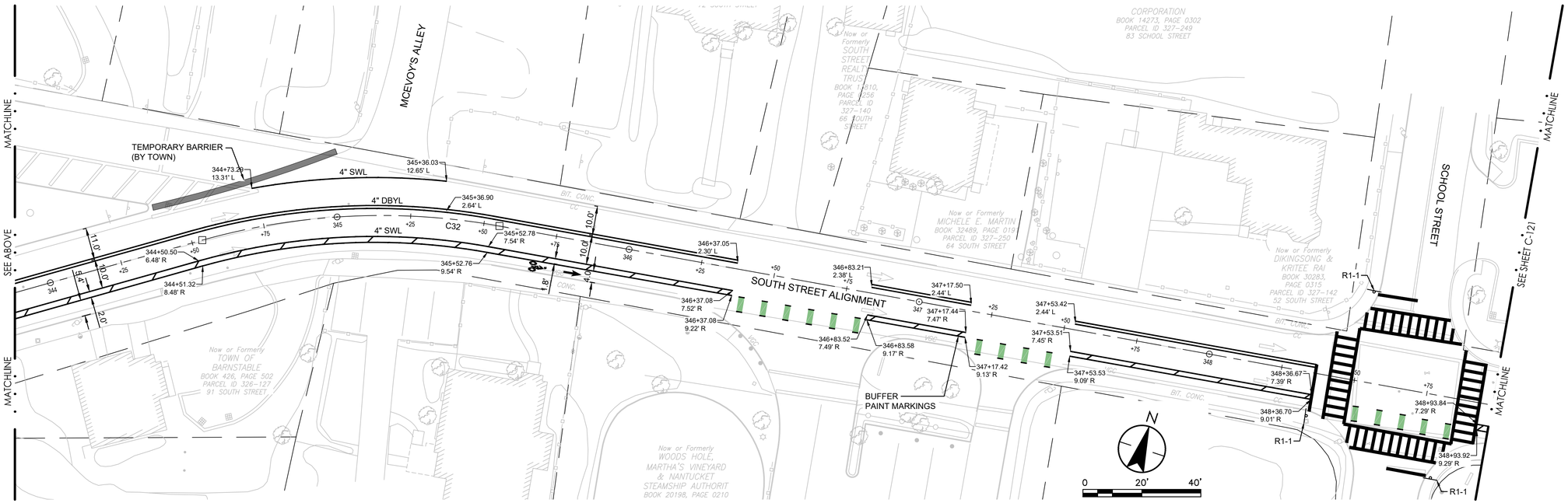

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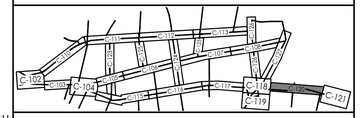

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8. SEE SHEET C-601 FOR GEOMETRIC INFORMATION OF ROADWAY ALIGNMENT LAYOUTS.

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	**By**	**Appd**	**YYYY.MM.DD**

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
ROADWAY PLAN
SOUTH STREET 338+50 - 348+97

Contract No.	Sheet	Scale
210400118	32 of 89	1" = 20'
Revision	Drawing No.	
	C-120	

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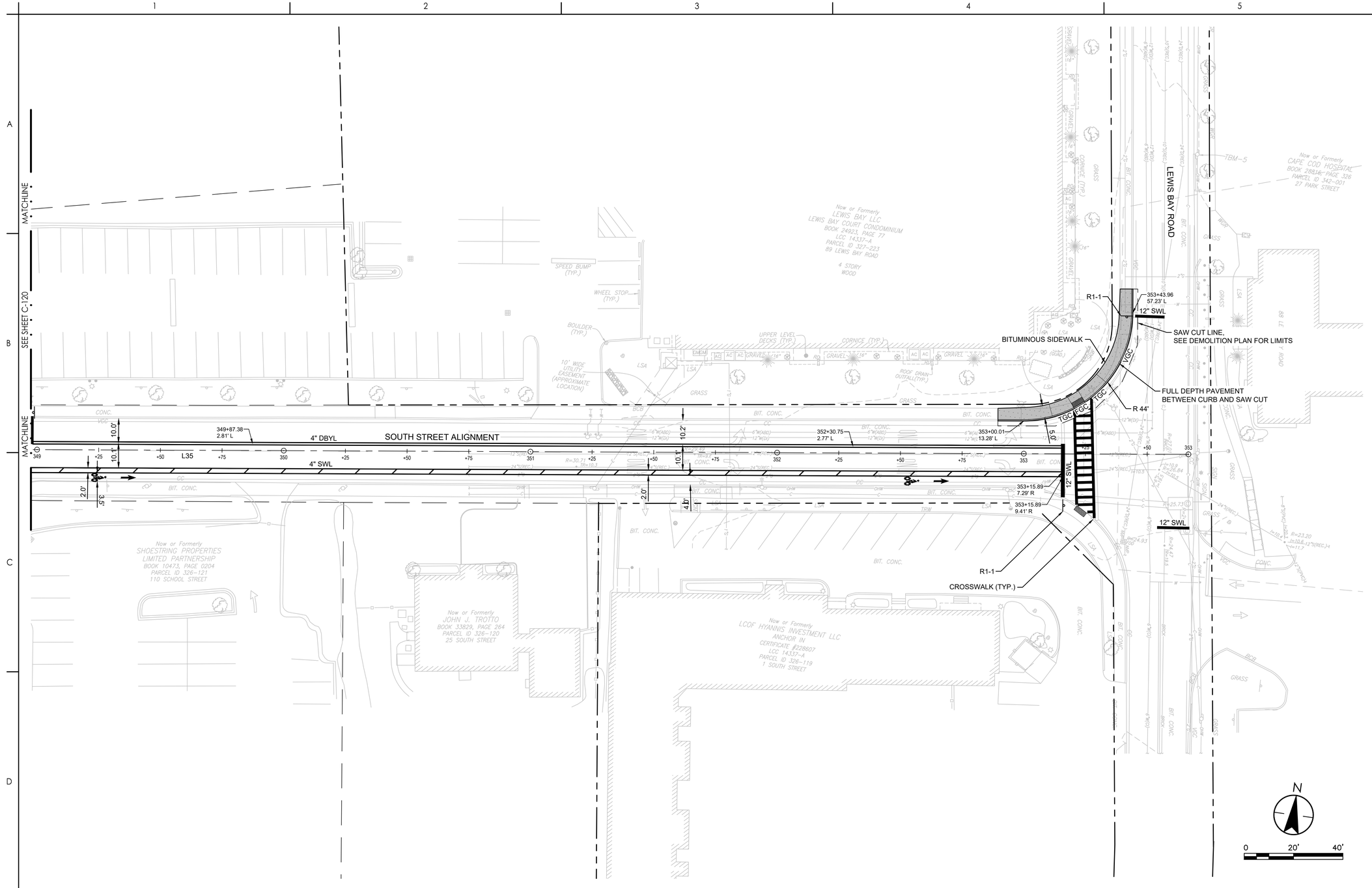
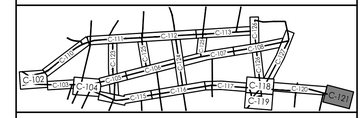


KEY PLAN



ROADWAY LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	BORDERING VEGETATED WETLAND
	100-FT WETLAND BUFFER
	BANK OF STREAM
	100-FT INNER RIPARIAN ZONE
	200-FT OUTER RIPARIAN ZONE
	BICYCLIST SYMBOL WITH ARROW PAVEMENT MARKING
	BIKE & PARKING LANES BUFFER PAINT MARKING
	SHARED LANE LANE PAVEMENT MARKING
SCHOOL	SCHOOL ZONE INDICATOR PAINT MARKING
	YIELD MARKINGS
	LIGHT POLE
	RECTANGULAR RAPID FLASHING BEACON
	POLE-MOUNTED LIGHT ARM
	CURB CORNER (TYPE A)
	SIGN POST & FOOTING
	DETECTABLE WARNING PANEL
	ACCESSIBLE PARKING PAVEMENT MARKING
	CONCRETE SIDEWALK
	BRICK PAVER SIDEWALK
	BRICK PAVER TRUCK APRON
	BIKE LANE PAVEMENT MARKING
	BIKE LANE CROSSING MARKING
	BITUMINOUS SHARED USE PATH
	CURB EXTENSION PAVEMENT MARKING
	COLORED STAMPED PAVEMENT
L 38	LINEAR SEGMENT, SEE SHEET C-601
C 41	CURVED SEGMENT, SEE SHEET C-601
DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
MGC	MOUNTABLE GRANITE CURB
TGC	TRANSITION GRANITE CURB

ROADWAY SHEET NOTES

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
ROADWAY PLAN
SOUTH ST. x LOUIS BAY RD. INTERSECTION

Contract No.	Sheet	Scale
210400118	33 of 89	1" = 20'
Revision	Drawing No.	
	C-121	

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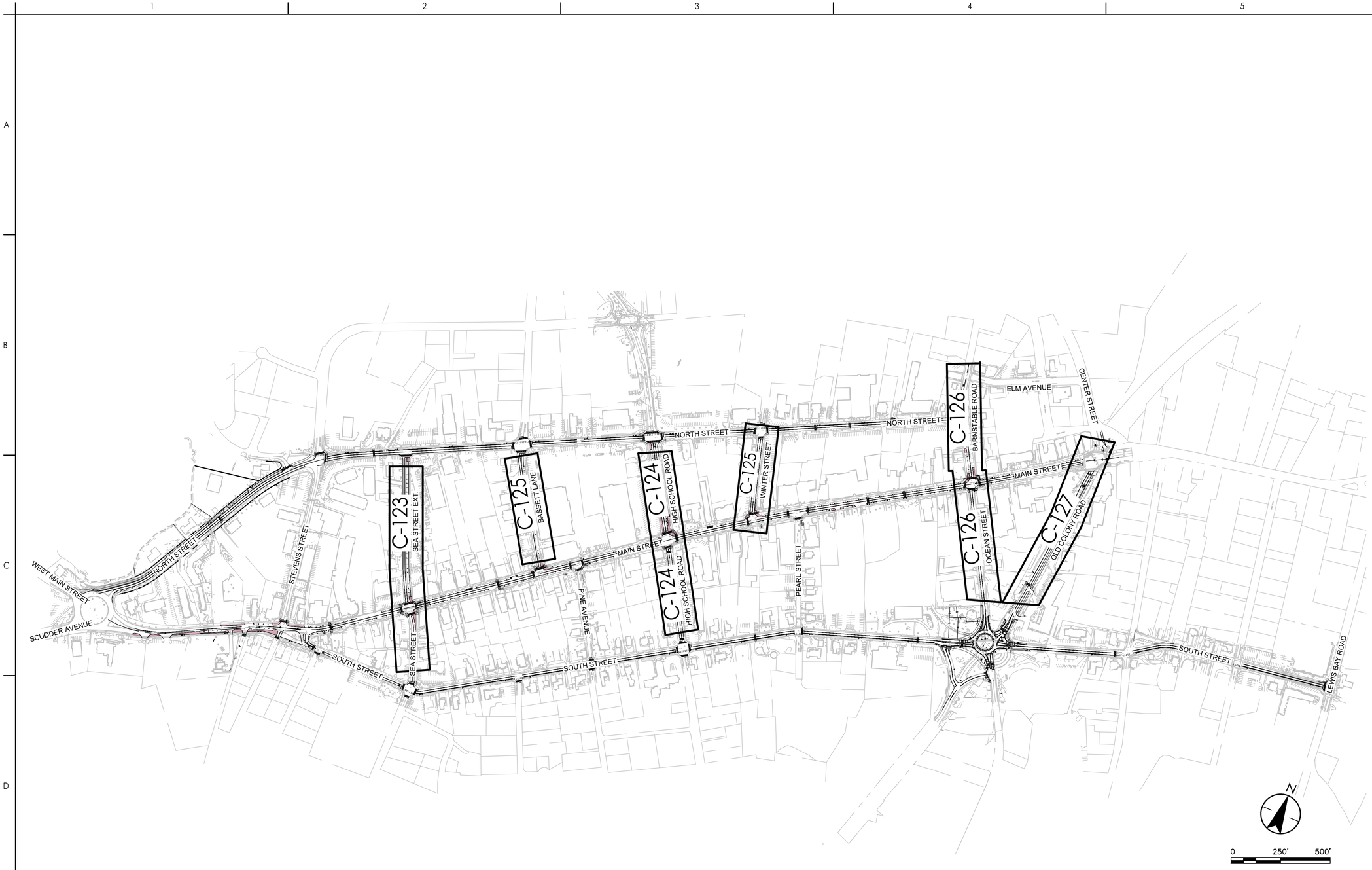
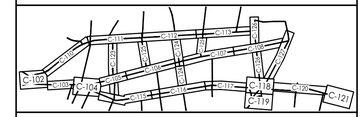


KEY PLAN



ROADWAY LEGEND

- PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
- 100-FT INNER RIPARIAN ZONE
- 200-FT OUTER RIPARIAN ZONE
- BICYCLIST SYMBOL WITH ARROW PAVEMENT MARKING
- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
- SCHOOL ZONE INDICATOR PAINT MARKING
- YIELD MARKINGS
- LIGHT POLE
- RECTANGULAR RAPID FLASHING BEACON
- POLE-MOUNTED LIGHT ARM
- CURB CORNER (TYPE A)
- SIGN POST & FOOTING
- DETECTABLE WARNING PANEL
- ACCESSIBLE PARKING PAVEMENT MARKING
- CONCRETE SIDEWALK
- BRICK PAVER SIDEWALK
- BRICK PAVER TRUCK APRON
- BIKE LANE PAVEMENT MARKING
- BIKE LANE CROSSING MARKING
- BITUMINOUS SHARED USE PATH
- CURB EXTENSION PAVEMENT MARKING
- COLORED STAMPED PAVEMENT
- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601

DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
MGC	MOUNTABLE GRANITE CURB
TGC	TRANSITION GRANITE CURB

ROADWAY SHEET NOTES

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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

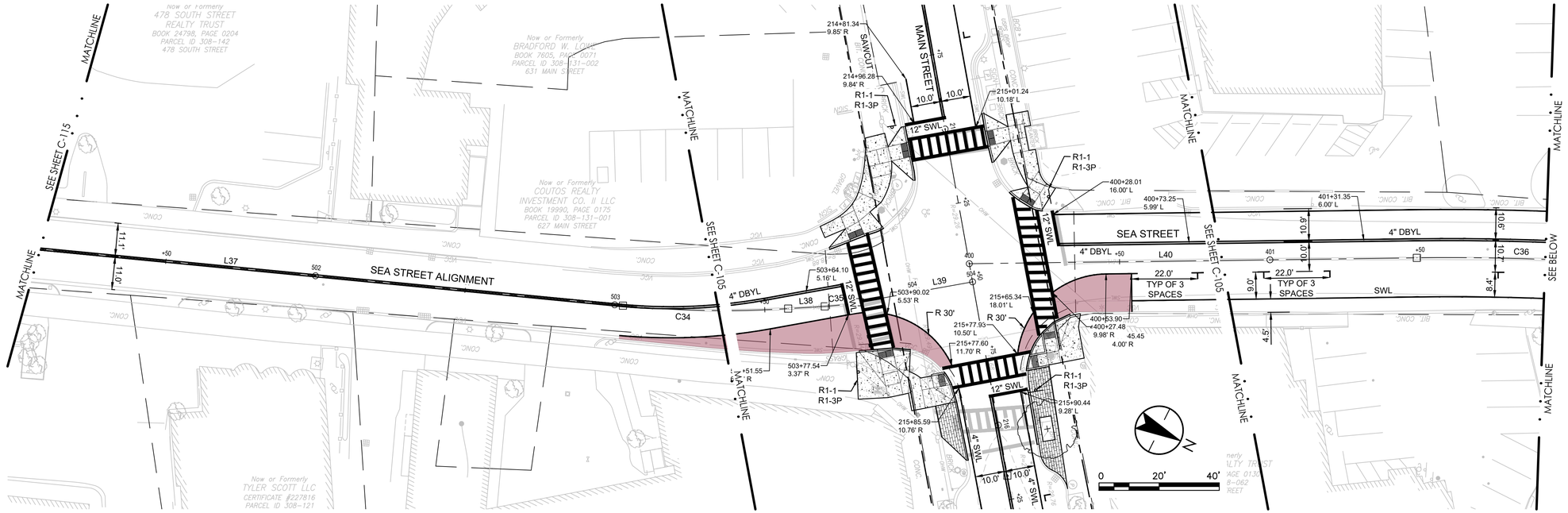
File Name: 210400118_C-101 — Dwn. — Dsgn. — Chkd. — 2026-02-08 YYYY.MM.DD

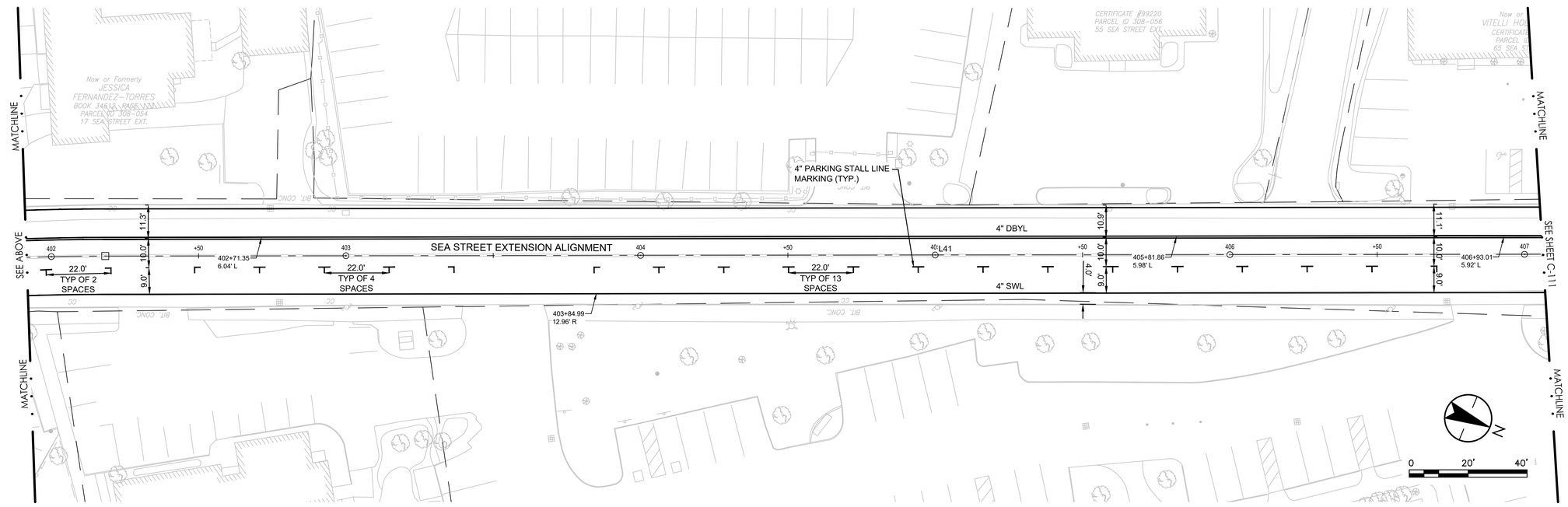
Title
OVERALL ROADWAY PLAN
CROSS-STREETS

Contract No.	Sheet	Scale
210400118	34 of 89	1" = 250'

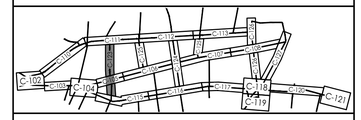
Revision — Drawing No. C-122

ORIGINAL SHEET - ANSI D





KEY PLAN



ROADWAY LEGEND

- PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
- 100-FT INNER RIPARIAN ZONE
- 200-FT OUTER RIPARIAN ZONE
- BICYCLIST SYMBOL WITH ARROW PAVEMENT MARKING
- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
- SCHOOL ZONE INDICATOR PAINT MARKING
- YIELD MARKINGS
- LIGHT POLE
- RECTANGULAR RAPID FLASHING BEACON
- POLE-MOUNTED LIGHT ARM
- CURB CORNER (TYPE A)
- SIGN POST & FOOTING
- DETECTABLE WARNING PANEL
- ACCESSIBLE PARKING PAVEMENT MARKING
- CONCRETE SIDEWALK
- BRICK PAVER SIDEWALK
- BRICK PAVER TRUCK APRON
- BIKE LANE PAVEMENT MARKING
- BIKE LANE CROSSING MARKING
- BITUMINOUS SHARED USE PATH
- CURB EXTENSION PAVEMENT MARKING
- COLORED STAMPED PAVEMENT
- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601

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DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
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Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
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75% DESIGN DRAFT	PCW	GPR	2025.04.04
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2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD

Title
ROADWAY PLAN
SEA STREET

Contract No.	Sheet	Scale
210400118	35 of 89	1" = 20'
Revision	Drawing No.	
	C-123	

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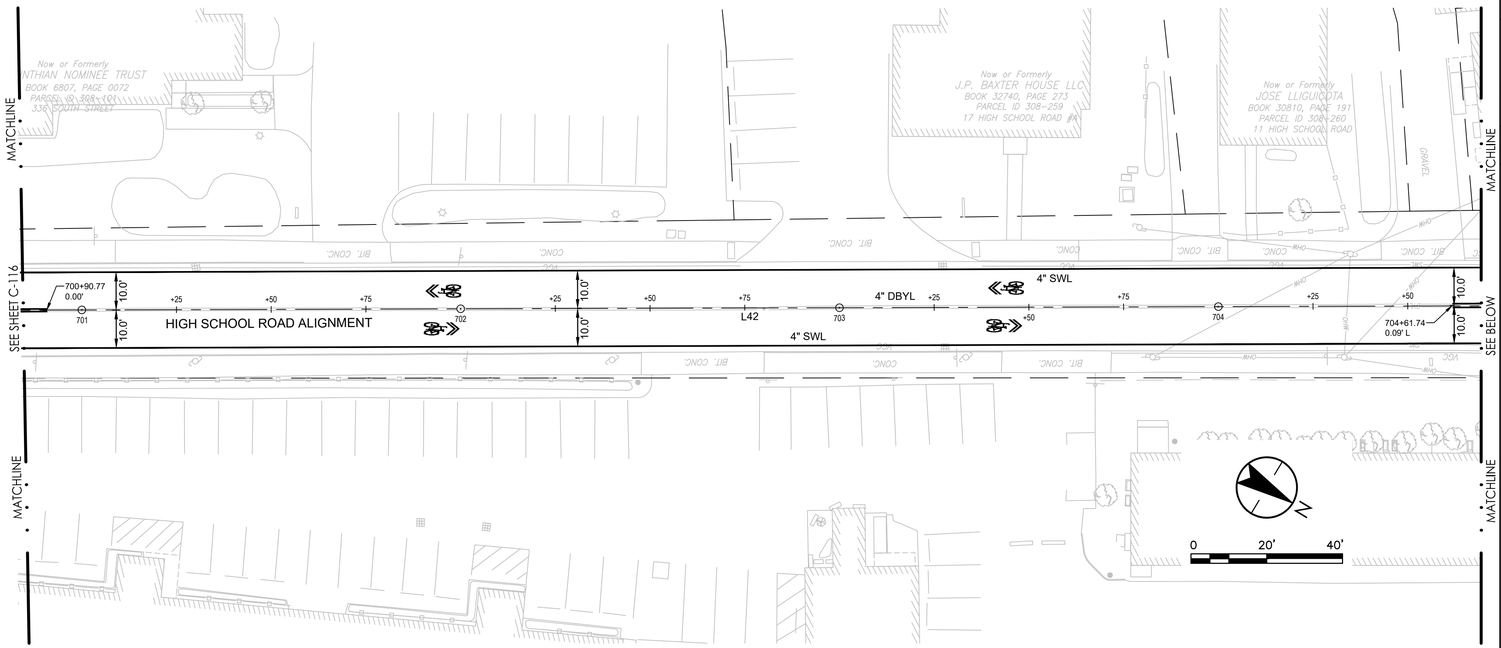
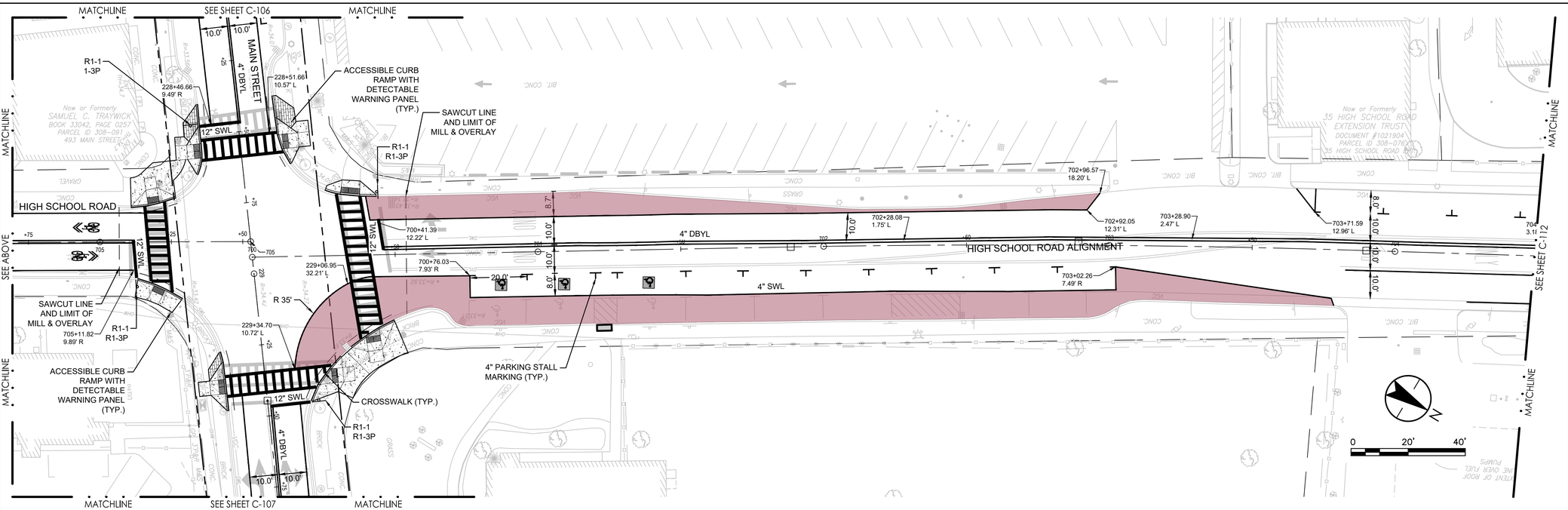
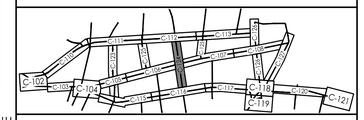




KEY PLAN



ROADWAY LEGEND

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- 100-FT WETLAND BUFFER
- BANK OF STREAM
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- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
- SCHOOL ZONE INDICATOR PAINT MARKING
- YIELD MARKINGS
- LIGHT POLE
- RECTANGULAR RAPID FLASHING BEACON
- POLE-MOUNTED LIGHT ARM
- CURB CORNER (TYPE A)
- SIGN POST & FOOTING
- DETECTABLE WARNING PANEL
- ACCESSIBLE PARKING PAVEMENT MARKING
- CONCRETE SIDEWALK
- BRICK PAVER SIDEWALK
- BRICK PAVER TRUCK APRON
- BIKE LANE PAVEMENT MARKING
- BIKE LANE CROSSING MARKING
- BITUMINOUS SHARED USE PATH
- CURB EXTENSION PAVEMENT MARKING
- COLORED STAMPED PAVEMENT
- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601

DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
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ROADWAY SHEET NOTES

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD

Title
ROADWAY PLAN
HIGH SCHOOL ROAD

Contract No.	Sheet	Scale
210400118	36 of 89	1" = 20'
Revision	Drawing No.	
	C-124	

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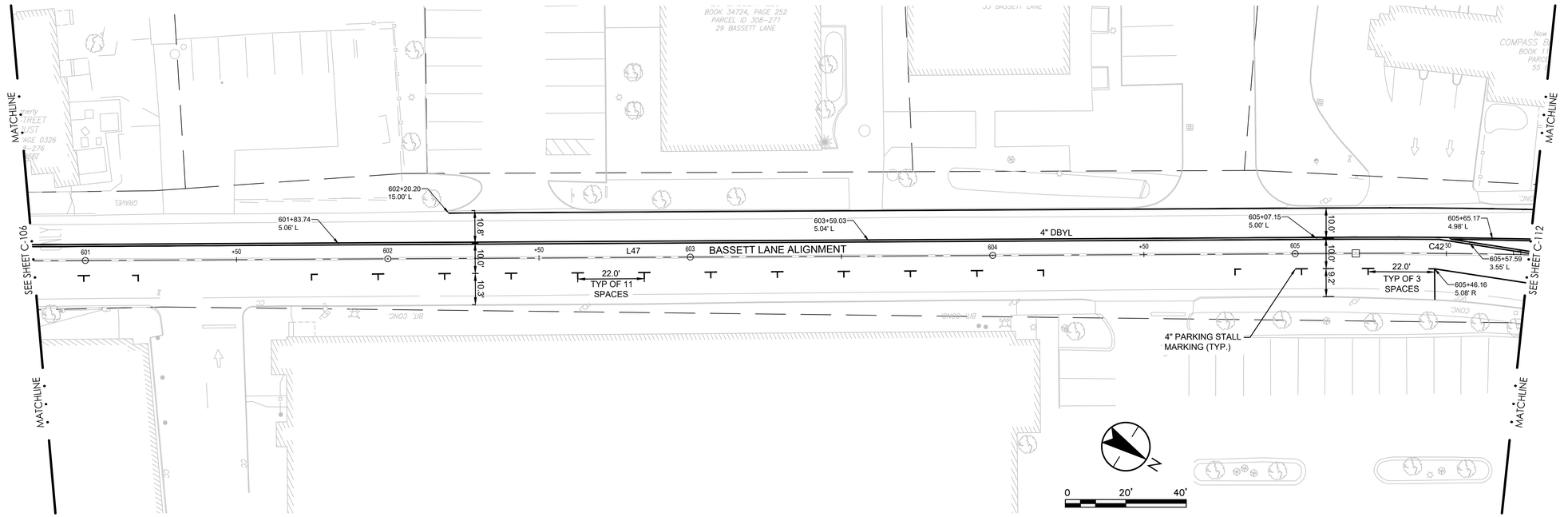
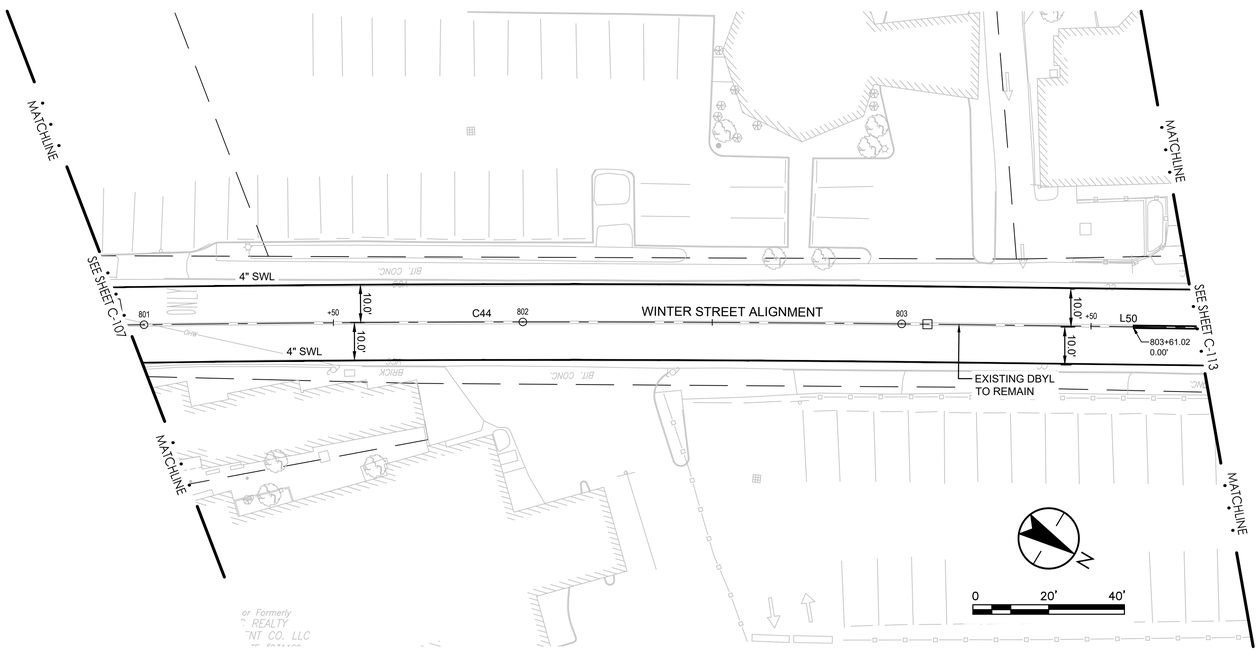
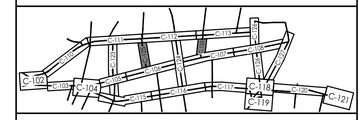




KEY PLAN



ROADWAY LEGEND

- PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
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- 200-FT OUTER RIPARIAN ZONE
- BICYCLIST SYMBOL WITH ARROW PAVEMENT MARKING
- BIKE & PARKING LANES BUFFER PAINT MARKING
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- COLORED STAMPED PAVEMENT
- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601

DBYL	DOUBLE YELLOW PAINTED LINE
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3. REMOVE AND SALVAGE ALL EXISTING SIGNAL EQUIPMENT TO THE TOWN. PAVEMENT PATCHES TO MATCH EXISTING MATERIALS.
4. PARKING STALL WIDTHS SHALL VARY. PROVIDE 8' MINIMUM TO EX CURB, NOTIFY TOWN AND ENGINEER OF ANY DISCREPANCIES.
5. R7-6 SIGNS TO HAVE TEXT INDICATING LOADING HOURS 6:00 AM - 10:00 AM.
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7. SEE SEET C-503 FOR SIGNAGE SCHEDULE.
8. SEE SHEET C-601 FOR GEOMETRIC INFORMATION OF ROADWAY ALIGNMENT LAYOUTS.

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

GEORGE P. RYAN
No. 54497
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD: ----

Title
ROADWAY PLAN
BASSETT LANE
WINTER STREET

Contract No.	Sheet	Scale
210400118	37 of 89	1" = 20'
Revision	Drawing No.	
	C-125	

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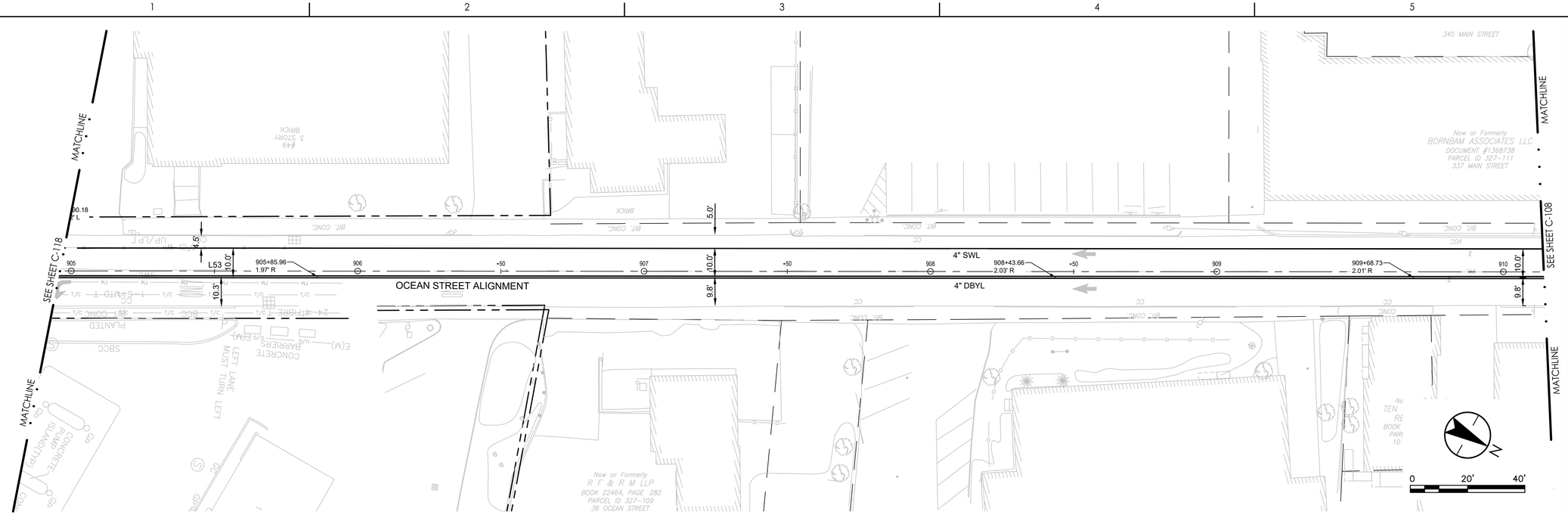
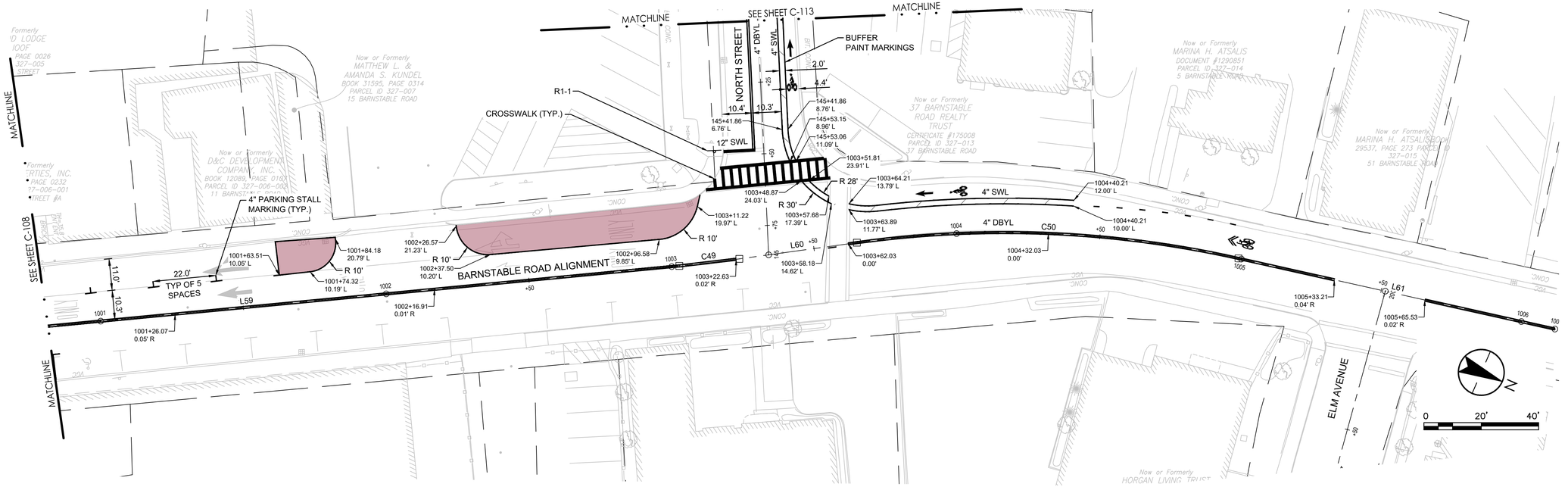
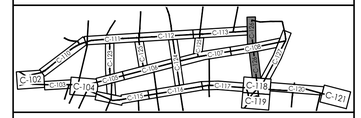




KEY PLAN



ROADWAY LEGEND

- PROPERTY LINE
- LIMIT OF DISTURBANCE
- BORDERING VEGETATED WETLAND
- 100-FT WETLAND BUFFER
- BANK OF STREAM
- 100-FT INNER RIPARIAN ZONE
- 200-FT OUTER RIPARIAN ZONE
- BICYCLIST SYMBOL WITH ARROW PAVEMENT MARKING
- BIKE & PARKING LANES BUFFER PAINT MARKING
- SHARED LANE LANE PAVEMENT MARKING
- SCHOOL ZONE INDICATOR PAINT MARKING
- YIELD MARKINGS
- LIGHT POLE
- RECTANGULAR RAPID FLASHING BEACON
- POLE-MOUNTED LIGHT ARM
- CURB CORNER (TYPE A)
- SIGN POST & FOOTING
- DETECTABLE WARNING PANEL
- ACCESSIBLE PARKING PAVEMENT MARKING
- CONCRETE SIDEWALK
- BRICK PAVER SIDEWALK
- BRICK PAVER TRUCK APRON
- BIKE LANE PAVEMENT MARKING
- BIKE LANE CROSSING MARKING
- BITUMINOUS SHARED USE PATH
- CURB EXTENSION PAVEMENT MARKING
- COLORED STAMPED PAVEMENT
- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601

DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
MGC	MOUNTABLE GRANITE CURB
TGC	TRANSITION GRANITE CURB

ROADWAY SHEET NOTES

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100% DESIGN DRAFT	PCW	GPR	2025.12.22
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 — Dwn. — Dsgn. — Chkd. — ---- YYYY.MM.DD

Title
ROADWAY PLAN
OCEAN STREET
BARNSTABLE ROAD

Contract No.	Sheet	Scale
210400118	38 of 89	1" = 20'

Revision — Drawing No.
C-126

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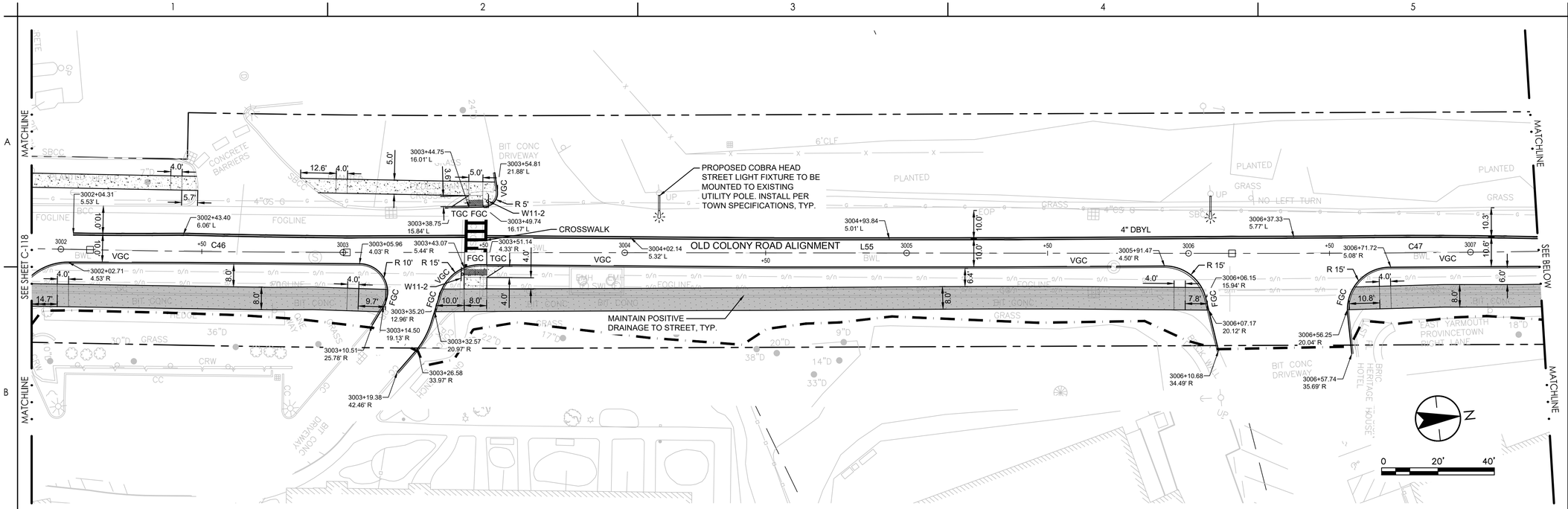
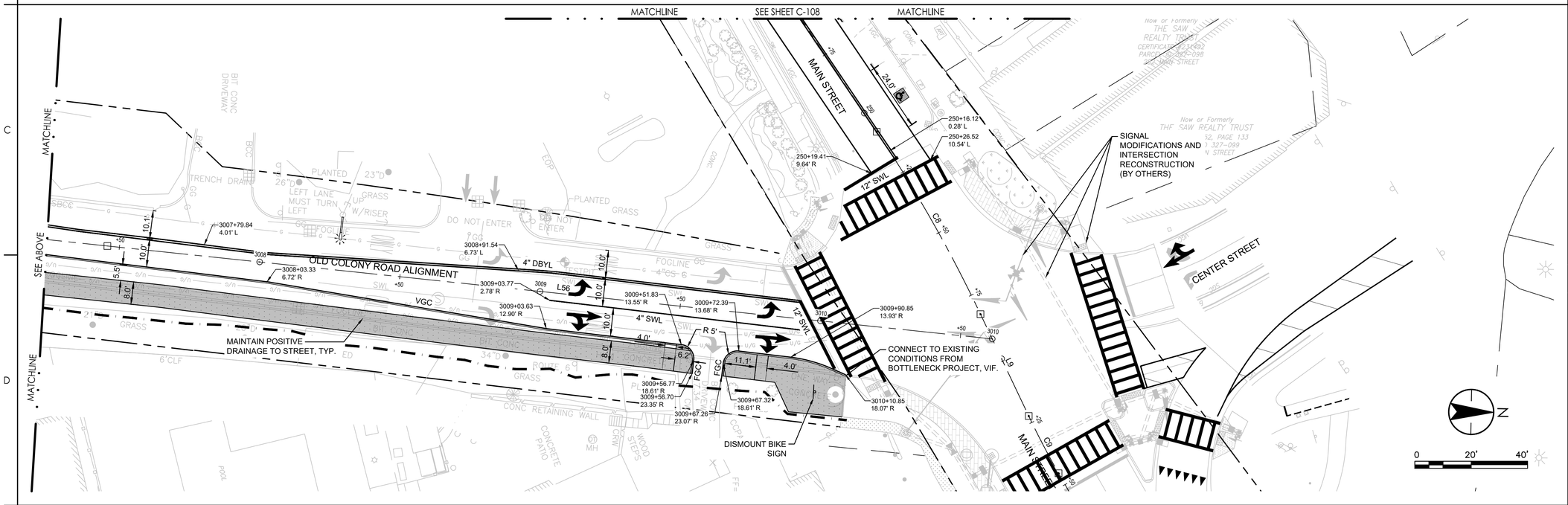
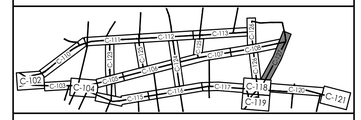




KEY PLAN



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- CURB EXTENSION PAVEMENT MARKING
- COLORED STAMPED PAVEMENT
- L 38 — LINEAR SEGMENT, SEE SHEET C-601
- C 41 — CURVED SEGMENT, SEE SHEET C-601
- DBYL — DOUBLE YELLOW PAINTED LINE
- DYL — DASHED YELLOW PAINTED LINE
- SWL — SOLID WHITE PAINTED LINE
- PSM — PARKING SPACE MARKING
- VGC — VERTICAL GRANITE CURB
- FGC — FLUSH GRANITE CURB
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1885

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
ROADWAY PLAN
OLD COLONY ROAD
CENTER STREET

Contract No.	Sheet	Scale
210400118	39 of 89	1" = 20'
Revision	Drawing No.	
	C-127	

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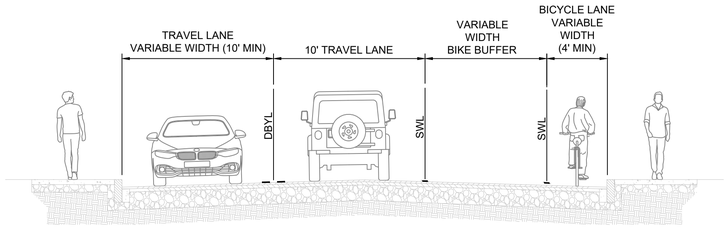
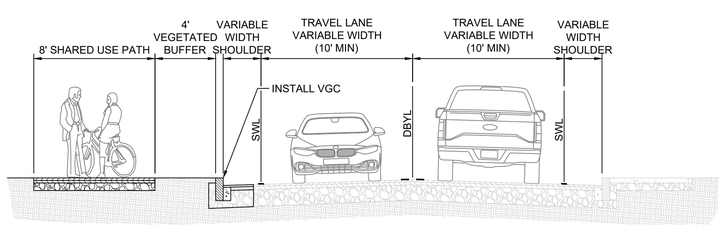
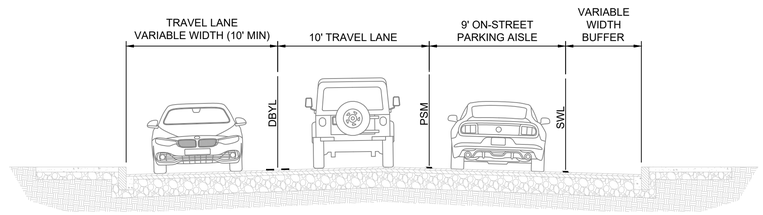


MAIN STREET ALIGNMENT STA: 201+50 - 204+50



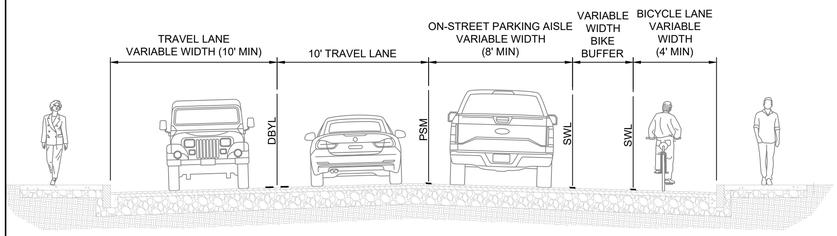
NORTH STREET ALIGNMENT STA: 101+00 - 111+25



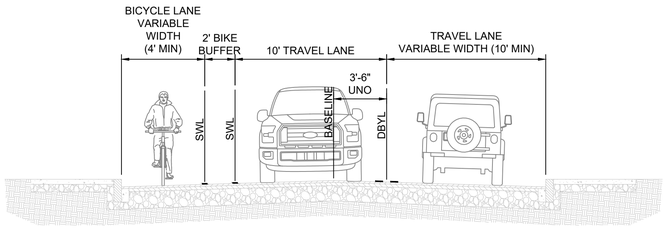
SEA STREET EXTENSION ALIGNMENT STA: 400+25 - 407+50

1 SEA STREET EXTENSION ROADWAY SECTION

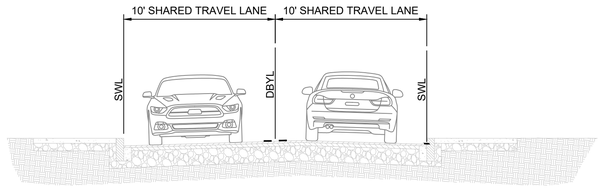
SCALE: NTS



MAIN STREET ALIGNMENT STA: 204+50 - 207+00



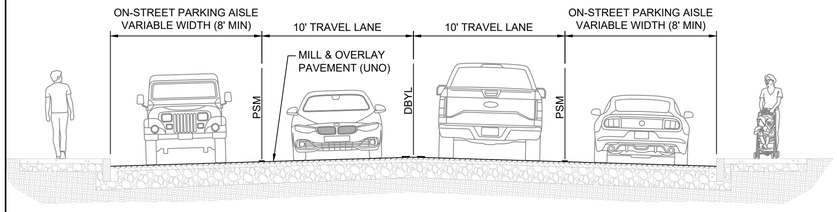
NORTH STREET ALIGNMENT STA: 113+75 - 145+50



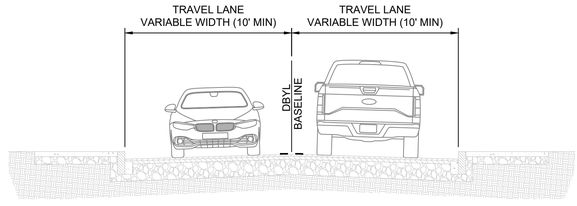
HIGH SCHOOL ROAD ALIGNMENT STA: 700+25 - 705+25

2 NORTH STREET ROADWAY SECTION

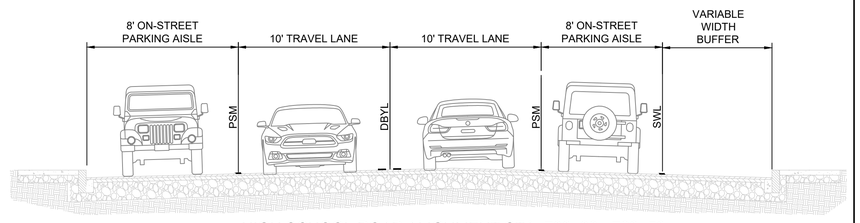
SCALE: NTS



MAIN STREET ALIGNMENT STA: 207+00 - 250+25



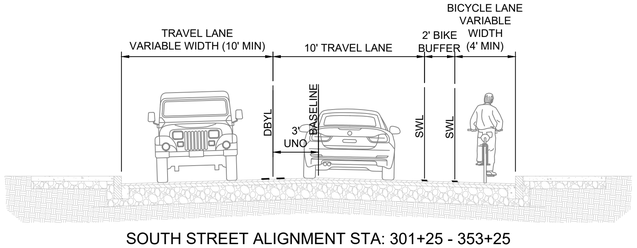
SEA STREET ALIGNMENT STA: 500+50 - 503+00



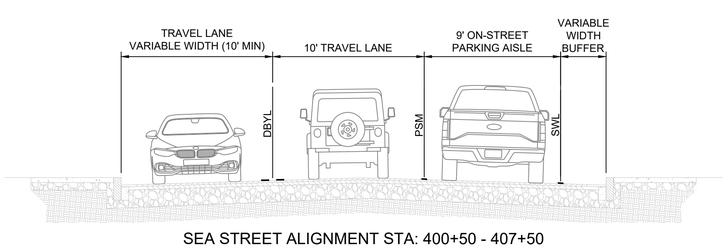
HIGH SCHOOL ROAD ALIGNMENT STA: 706+00 - 708+50

3 MAIN STREET ROADWAY SECTION

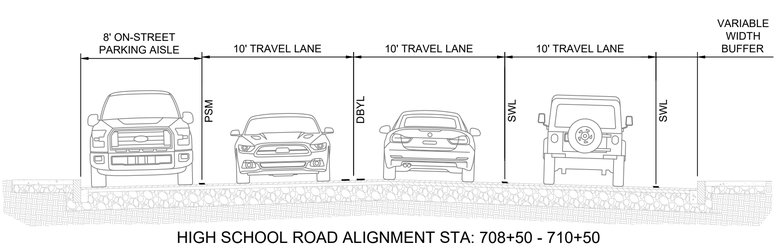
SCALE: NTS



SOUTH STREET ALIGNMENT STA: 301+25 - 353+25



SEA STREET ALIGNMENT STA: 400+50 - 407+50



HIGH SCHOOL ROAD ALIGNMENT STA: 708+50 - 710+50

4 SOUTH STREET ROADWAY SECTION

SCALE: NTS

5 SEA STREET ROADWAY SECTION

SCALE: NTS

6 HIGH SCHOOL ROAD ROADWAY SECTION

SCALE: NTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1809

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-301 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD ----

Title
ROADWAY SECTIONS

Contract No. 210400118
Sheet 40 of 89
Scale AS NOTED
Revision
Drawing No. C-301

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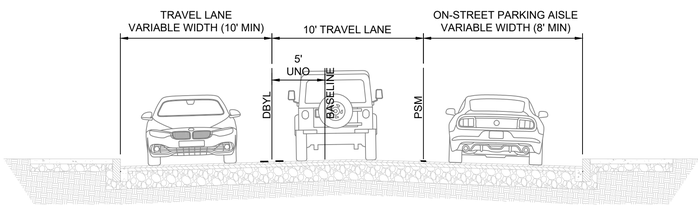
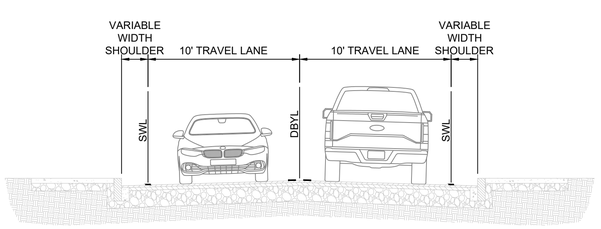


BASSETT LANE ALIGNMENT STA: 600+25 - 606+25

1 BASSETT LANE ROADWAY SECTION

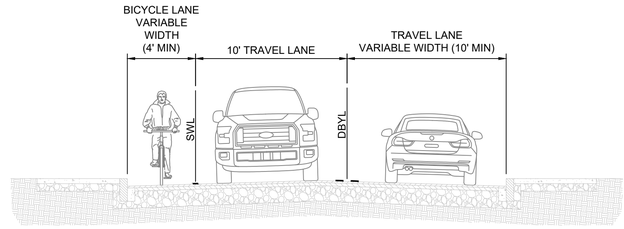
SCALE: NTS



WINTER STREET ALIGNMENT STA: 800+25 - 804+25

2 WINTER STREET ROADWAY SECTION

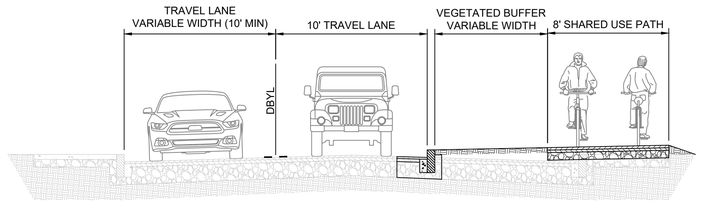
SCALE: NTS



OCEAN STREET ALIGNMENT STA: 901+50 - 907+75

3 OCEAN STREET ROADWAY SECTION

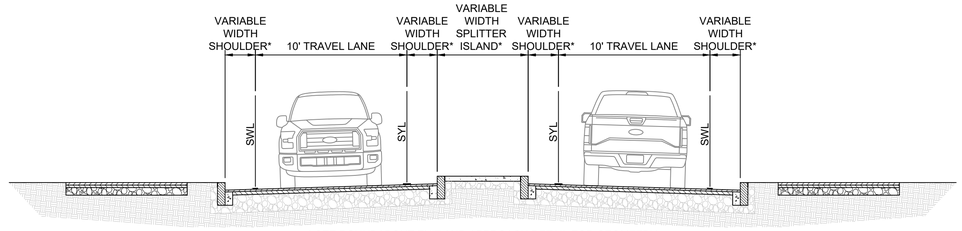
SCALE: NTS



OLD COLONY ROAD ALIGNMENT STA: 3001+50 - 3010+00

4 OLD COLONY ROAD ROADWAY SECTION

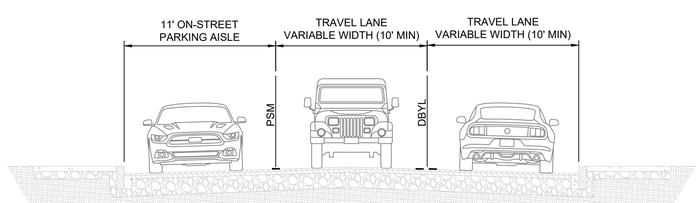
SCALE: NTS



* SEE ROUNDABOUT EXIT AND APPROACH DETAIL FOR GEOMETRY

5 ROUNDABOUT EXIT AND APPROACH ROADWAY SECTION

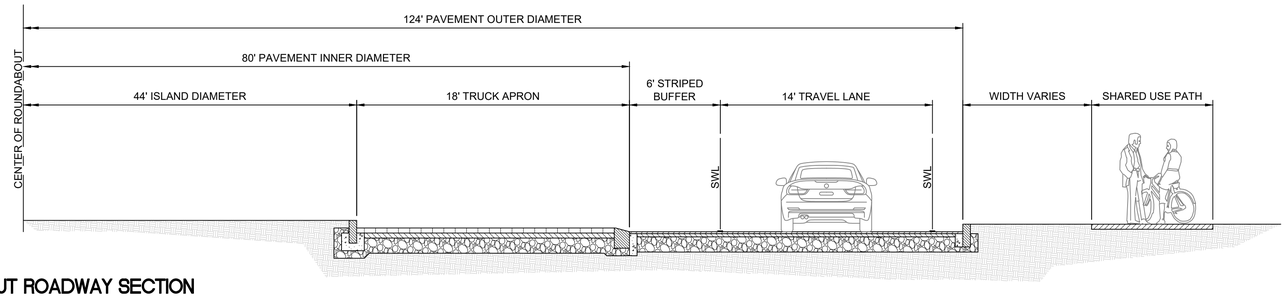
SCALE: NTS



BARNSTABLE ROAD ALIGNMENT STA: 1001+00 - 1003+00

6 BARNSTABLE ROAD ROADWAY SECTION

SCALE: NTS



7 ROUNDABOUT ROADWAY SECTION

SCALE: NTS

Revision	By	Appd	YYYY.MM.DD
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100% DESIGN DRAFT	PCW	GPR	2025.12.22
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project

THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-301

Dwn. Dsgn. Chkd. YYYY.MM.DD

Title

ROADWAY SECTIONS

Contract No.	Sheet	Scale
210400118	41 of 89	AS NOTED
Revision	Drawing No.	
		C-302

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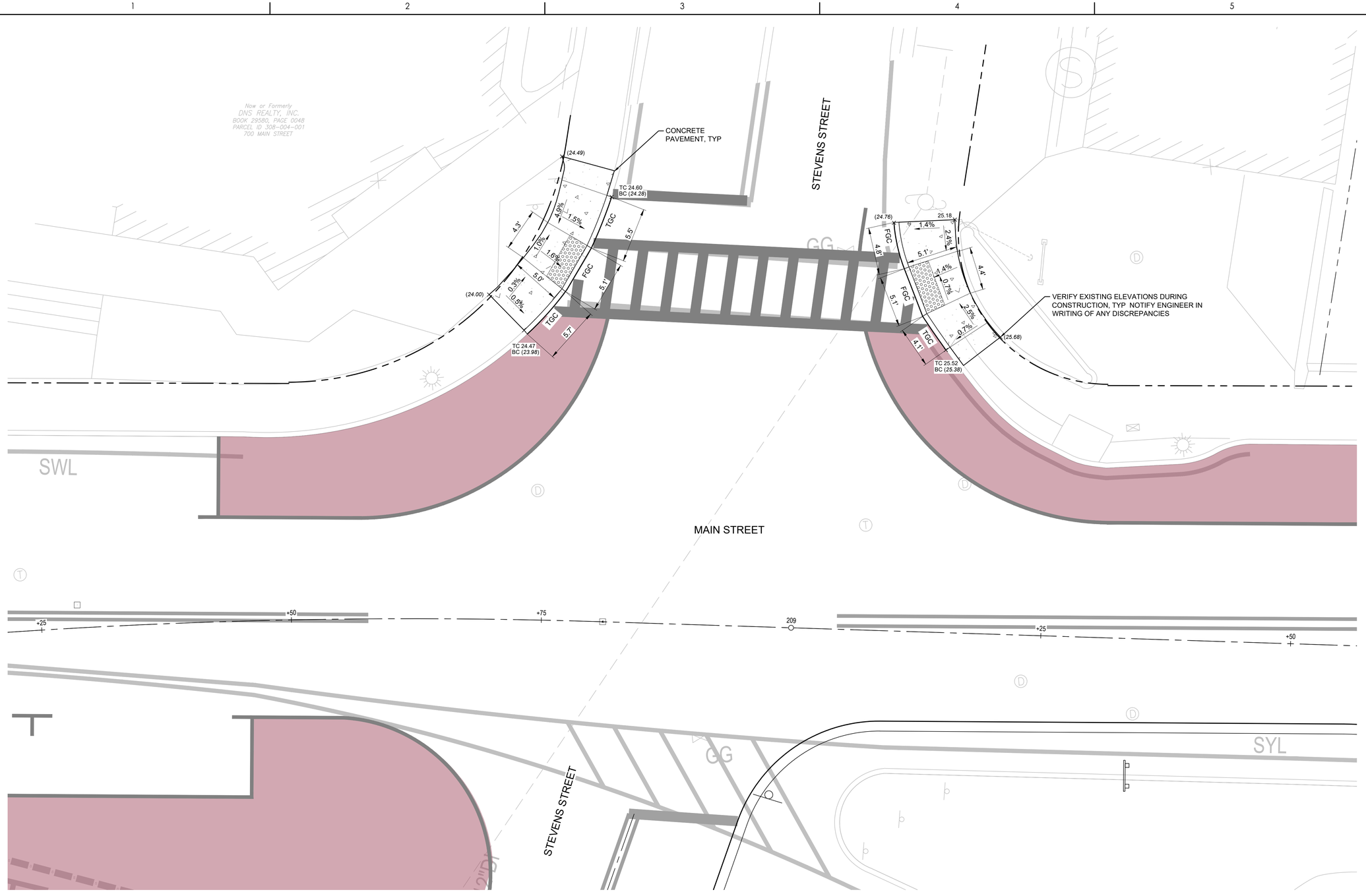

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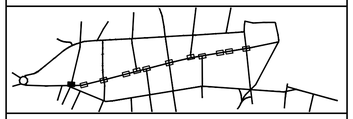

ACCESSIBILITY LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DETECTABLE WARNING PANEL
	ACCESSIBLE PARKING PAVEMENT MARKING
	CONCRETE SIDEWALK
	BRICK PAVER SIDEWALK
	BRICK PAVER TRUCK APRON
	CURB EXTENSION PAVEMENT MARKING
DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
MGC	MOUNTABLE GRANITE CURB
TGC	TRANSITION GRANITE CURB
VIF	VERIFY IN FIELD
×22.25	PROPOSED SPOT ELEVATION
×(21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)

ACCESSIBILITY SHEET NOTES

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7. CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE TOWARDS EXISTING CATCH BASINS WITHIN THE STREET, MINIMUM 1.5%

NORTH & SCALE

N

0 5' 10'

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
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25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-401 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD: ---

Title
CURB RAMP ENLARGEMENT
MAIN STREET 212+71 - 218+11

Contract No.	Sheet	Scale
210400118	42 of 89	1" = 5'
Revision	Drawing No.	
	C-401	

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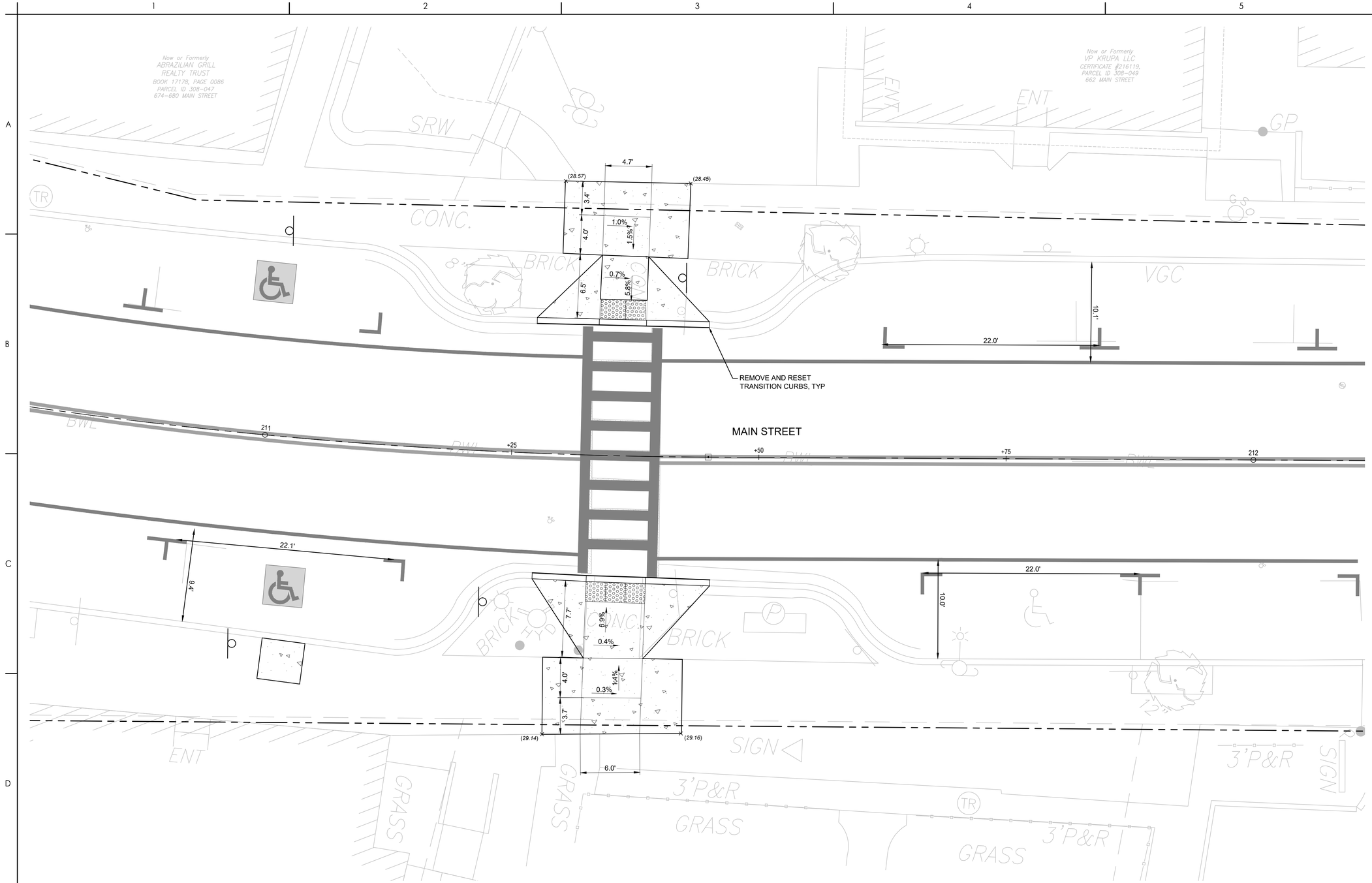

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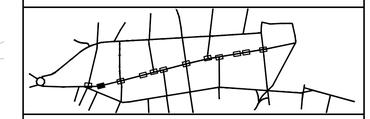

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	PROPERTY LINE
	LIMIT OF DISTURBANCE
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	CONCRETE SIDEWALK
	BRICK PAVER SIDEWALK
	BRICK PAVER TRUCK APRON
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NORTH & SCALE

N

0 5' 10'

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75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project

THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-401

Dwn. Dsgn. Chkd. YYYY.MM.DD

Title

CURB RAMP ENLARGEMENT
MAIN STREET 212+71 - 218+11

Contract No.	Sheet	Scale
210400118	43 of 89	1" = 5'
Revision	Drawing No.	
		C-402

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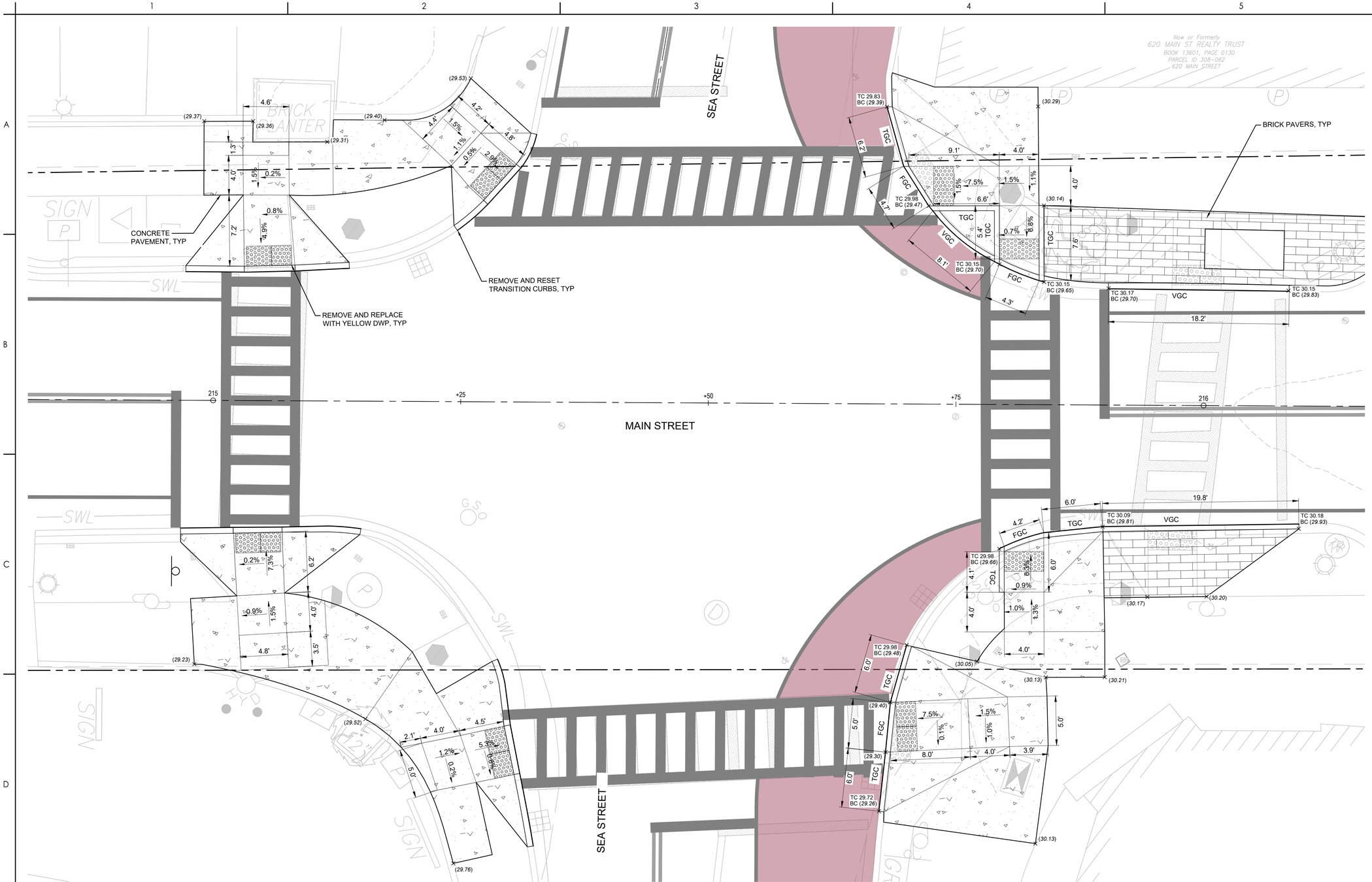
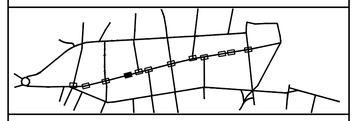


KEY PLAN



ACCESSIBILITY LEGEND

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	LIMIT OF DISTURBANCE
	DETECTABLE WARNING PANEL
	ACCESSIBLE PARKING PAVEMENT MARKING
	CONCRETE SIDEWALK
	BRICK PAVER SIDEWALK
	BRICK PAVER TRUCK APRON
	CURB EXTENSION PAVEMENT MARKING
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NORTH & SCALE

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-401 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD

Title
CURB RAMP ENLARGEMENT
MAIN STREET 212+71 - 218+11

Contract No.	Sheet	Scale
210400118	44 of 89	1" = 5'
Revision	Drawing No.	
	C-403	

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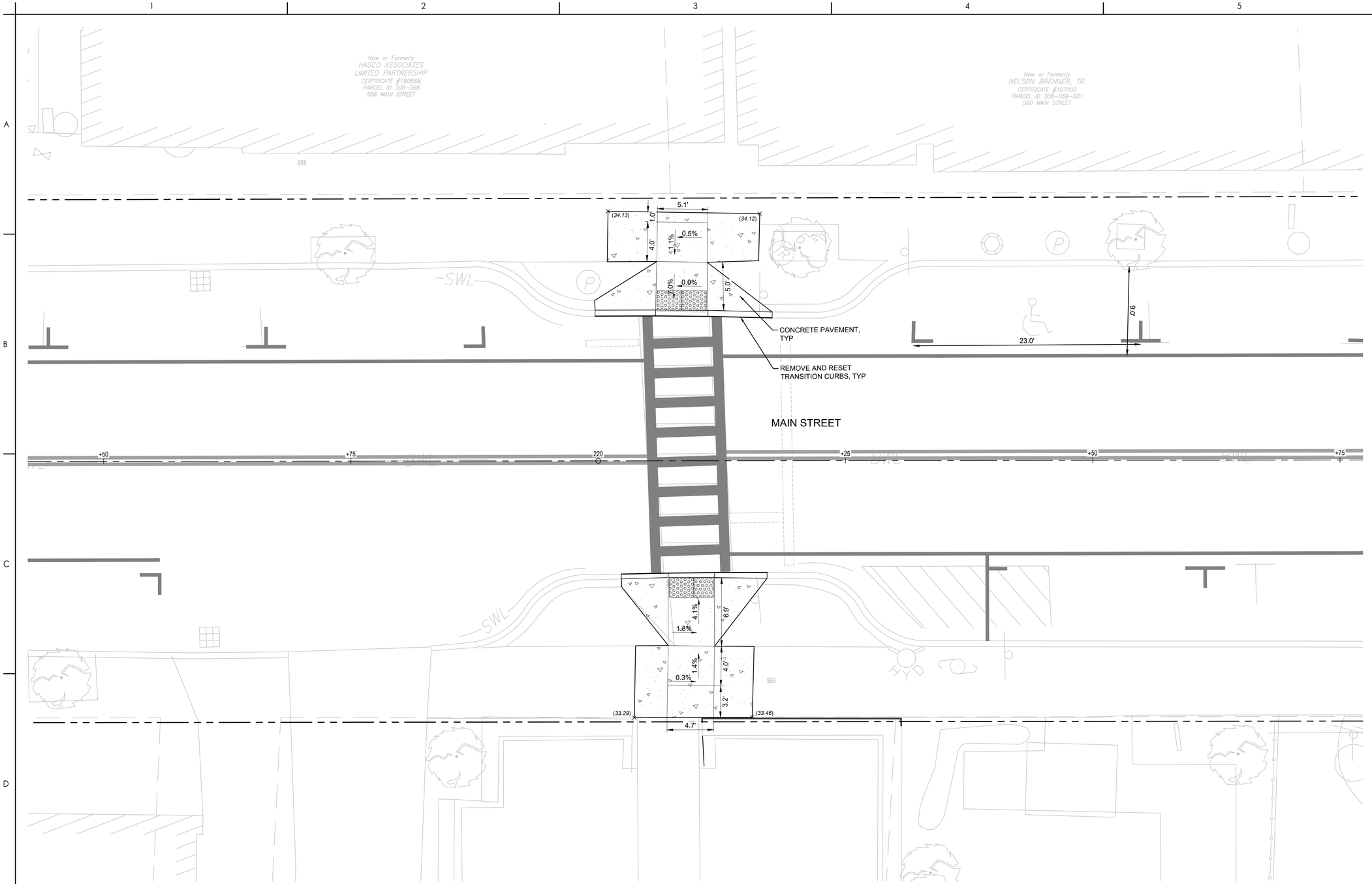

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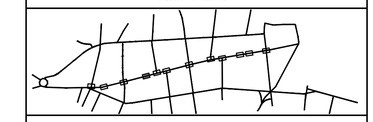

ACCESSIBILITY LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DETECTABLE WARNING PANEL
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NORTH & SCALE

N

0 5' 10'

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project

THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-401

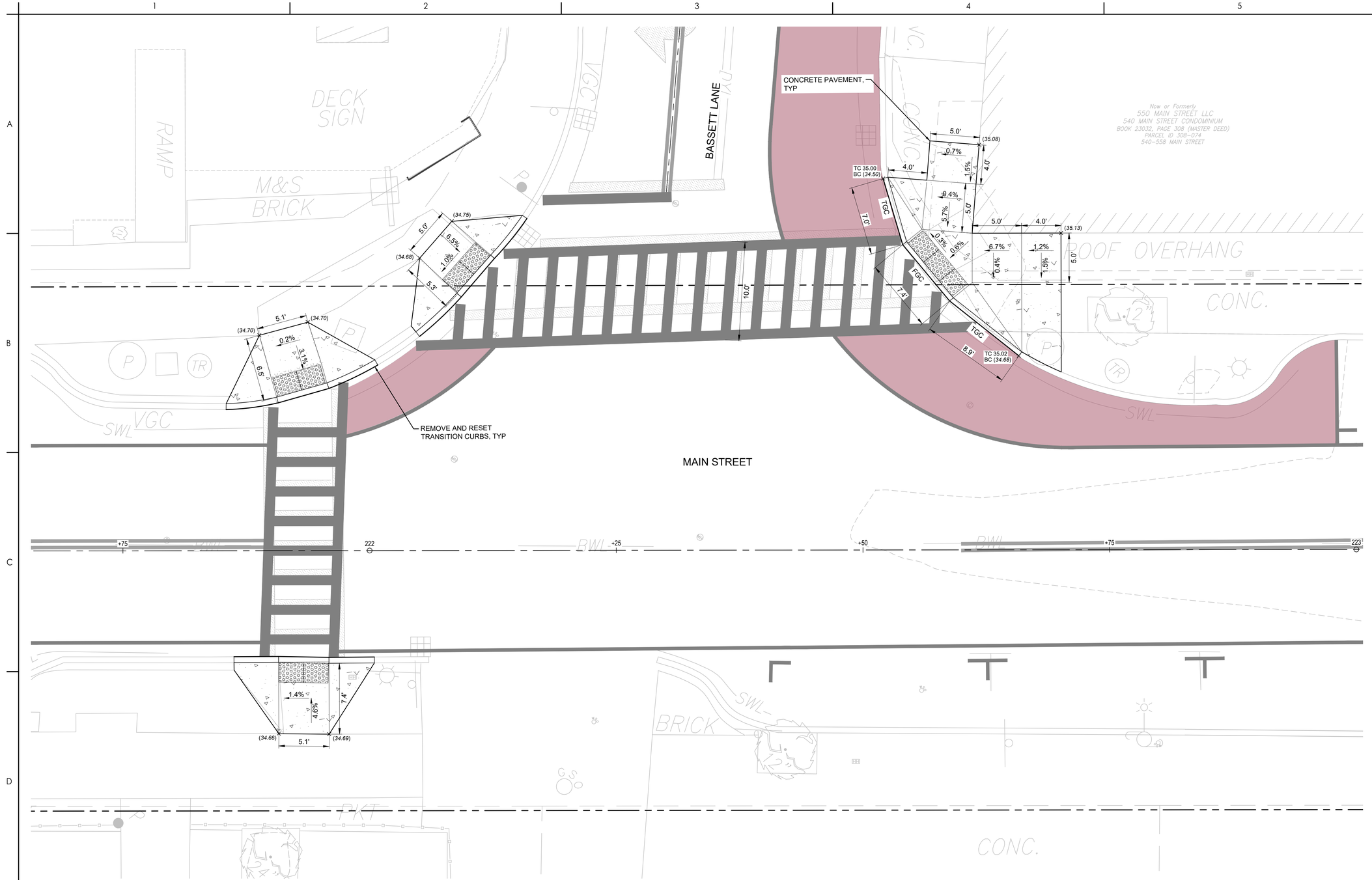
Dwn. Dsgn. Chkd. YYYY.MM.DD

Title

CURB RAMP ENLARGEMENT
MAIN STREET 212+71 - 218+11

Contract No.	Sheet	Scale
210400118	45 of 89	1" = 5'
Revision	Drawing No.	
		C-404

ORIGINAL SHEET - ANSI D



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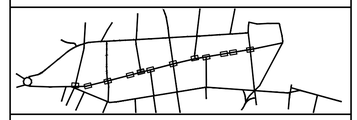

ACCESSIBILITY LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DETECTABLE WARNING PANEL
	ACCESSIBLE PARKING PAVEMENT MARKING
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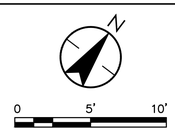
NORTH & SCALE



Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
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Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-401 | Dwn. | Dsgn. | Chkd. | ---- | YYYY.MM.DD

Title
CURB RAMP ENLARGEMENT
MAIN STREET 212+71 - 218+11

Contract No.	Sheet	Scale
210400118	46 of 89	1" = 5'
Revision	Drawing No.	
	C-405	

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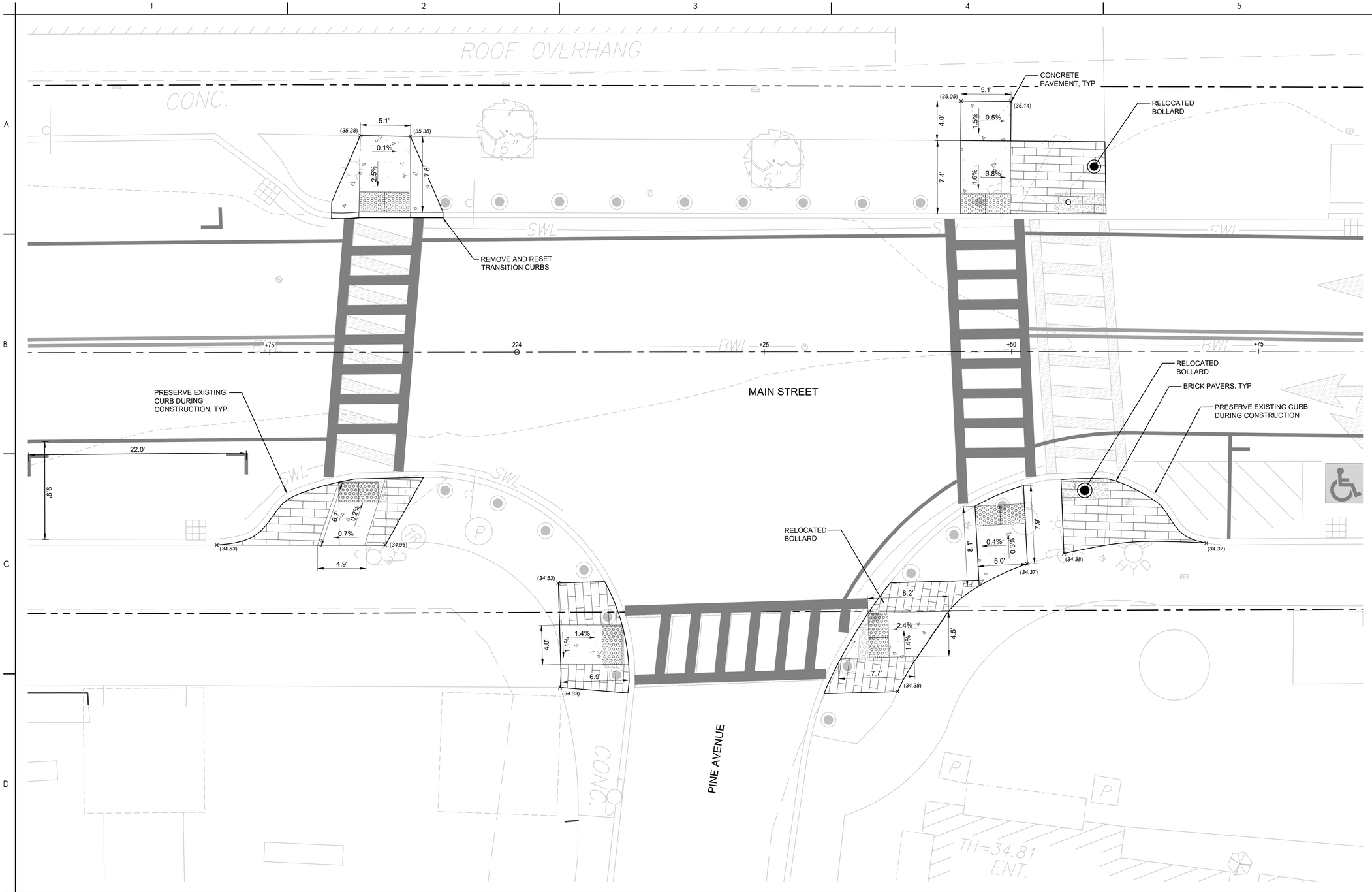

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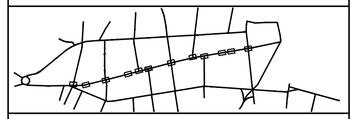

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NORTH & SCALE

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HYANNIS, MA

File Name: 210400118_C-401 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
CURB RAMP ENLARGEMENT
MAIN STREET 212+71 - 218+11

Contract No.	Sheet	Scale
210400118	47 of 89	1" = 5'
Revision	Drawing No.	
	C-406	

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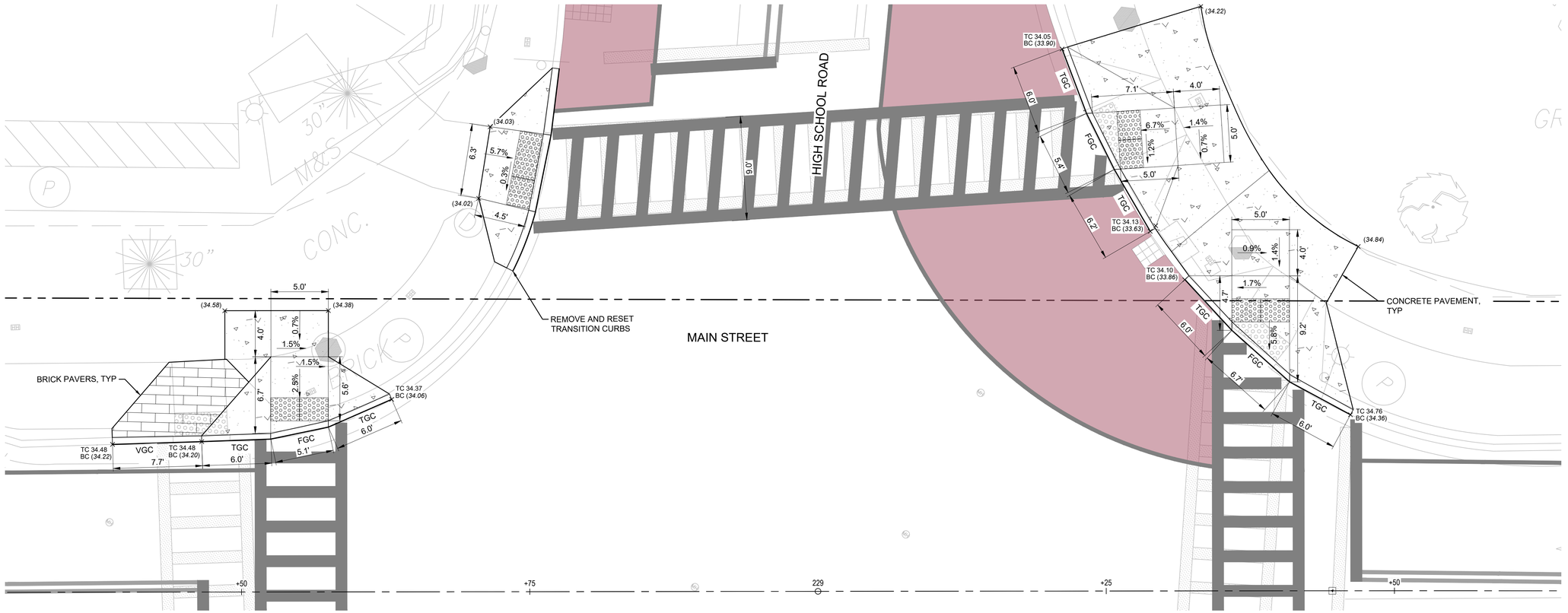

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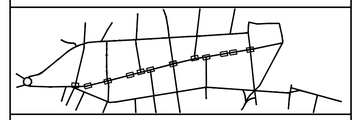

ACCESSIBILITY LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DETECTABLE WARNING PANEL
	ACCESSIBLE PARKING PAVEMENT MARKING
	CONCRETE SIDEWALK
	BRICK PAVER SIDEWALK
	BRICK PAVER TRUCK APRON
	CURB EXTENSION PAVEMENT MARKING
DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
MGC	MOUNTABLE GRANITE CURB
TGC	TRANSITION GRANITE CURB
VIF	VERIFY IN FIELD
×22.25	PROPOSED SPOT ELEVATION
×(21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)

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7. CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE TOWARDS EXISTING CATCH BASINS WITHIN THE STREET, MINIMUM 1.5%

NORTH & SCALE

N

0 5' 10'

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

Stantec

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project

THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-401

Dwn. Dsgn. Chkd. YYYY.MM.DD

Title

CURB RAMP ENLARGEMENT
MAIN STREET 212+71 - 218+11

Contract No.	Sheet	Scale
210400118	48 of 89	1" = 5'

Revision

Drawing No.

C-407

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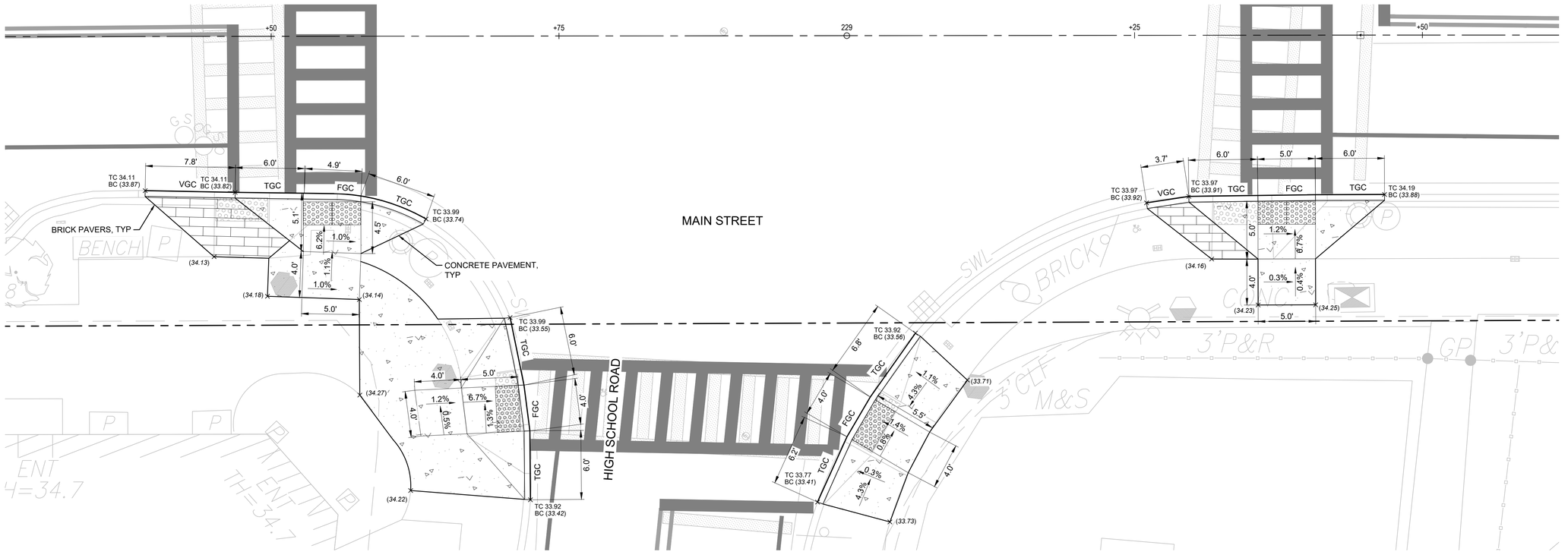

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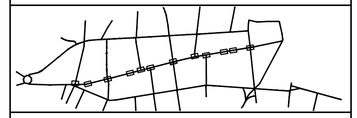

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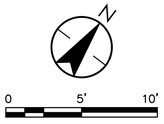
NORTH & SCALE



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Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-401 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD: ----

Title
CURB RAMP ENLARGEMENT
MAIN STREET 212+71 - 218+11

Contract No.	Sheet	Scale
210400118	49 of 89	1" = 5'
Revision	Drawing No.	
	C-408	

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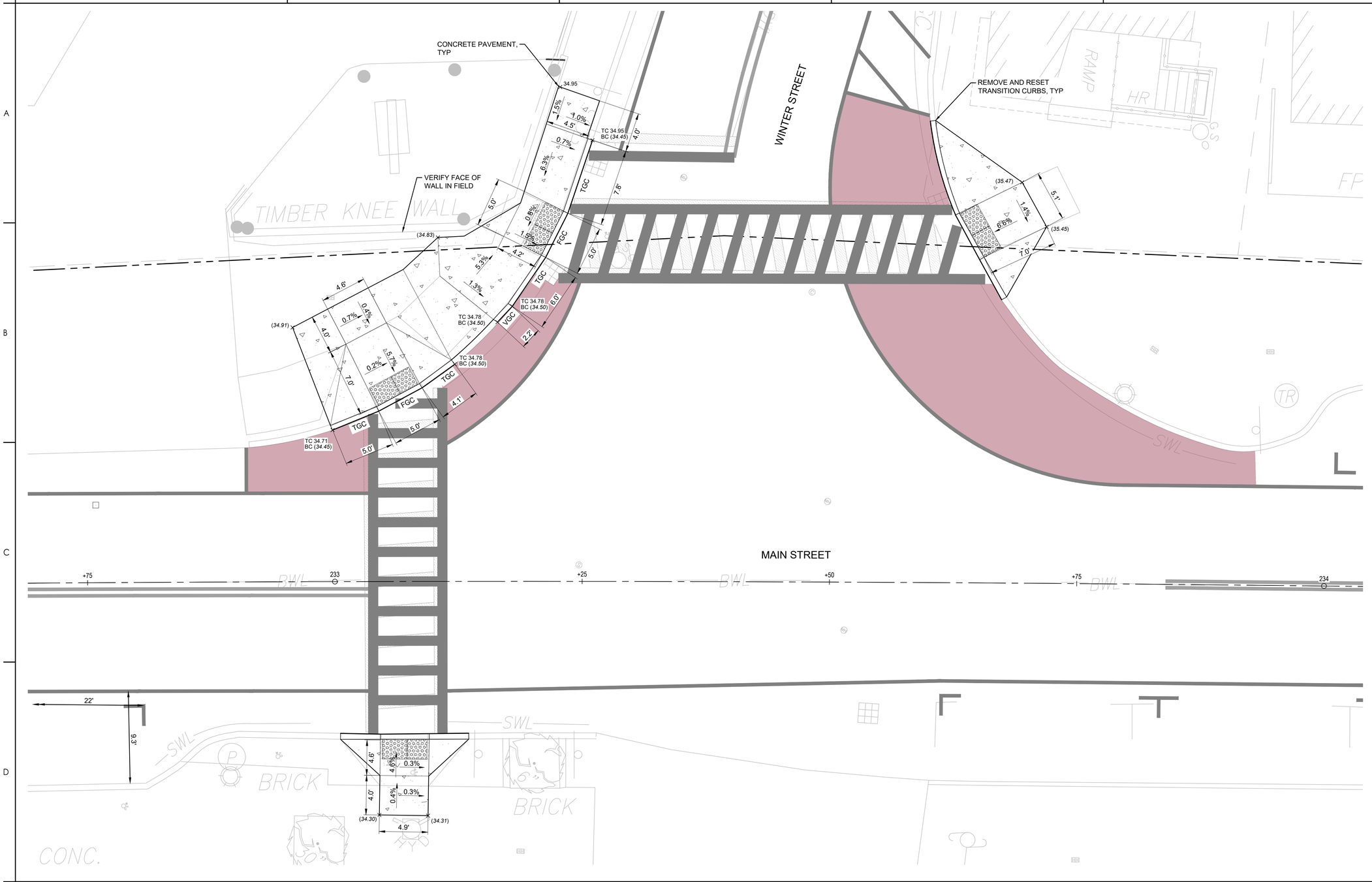

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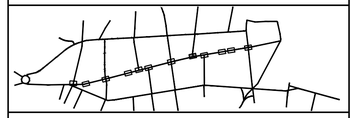

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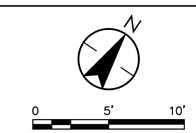
NORTH & SCALE



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2/10/2026

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Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-401

Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Title
CURB RAMP ENLARGEMENT
MAIN STREET 212+71 - 218+11

Contract No.	Sheet	Scale
210400118	50 of 89	1" = 5'

Revision

Drawing No.
C-409

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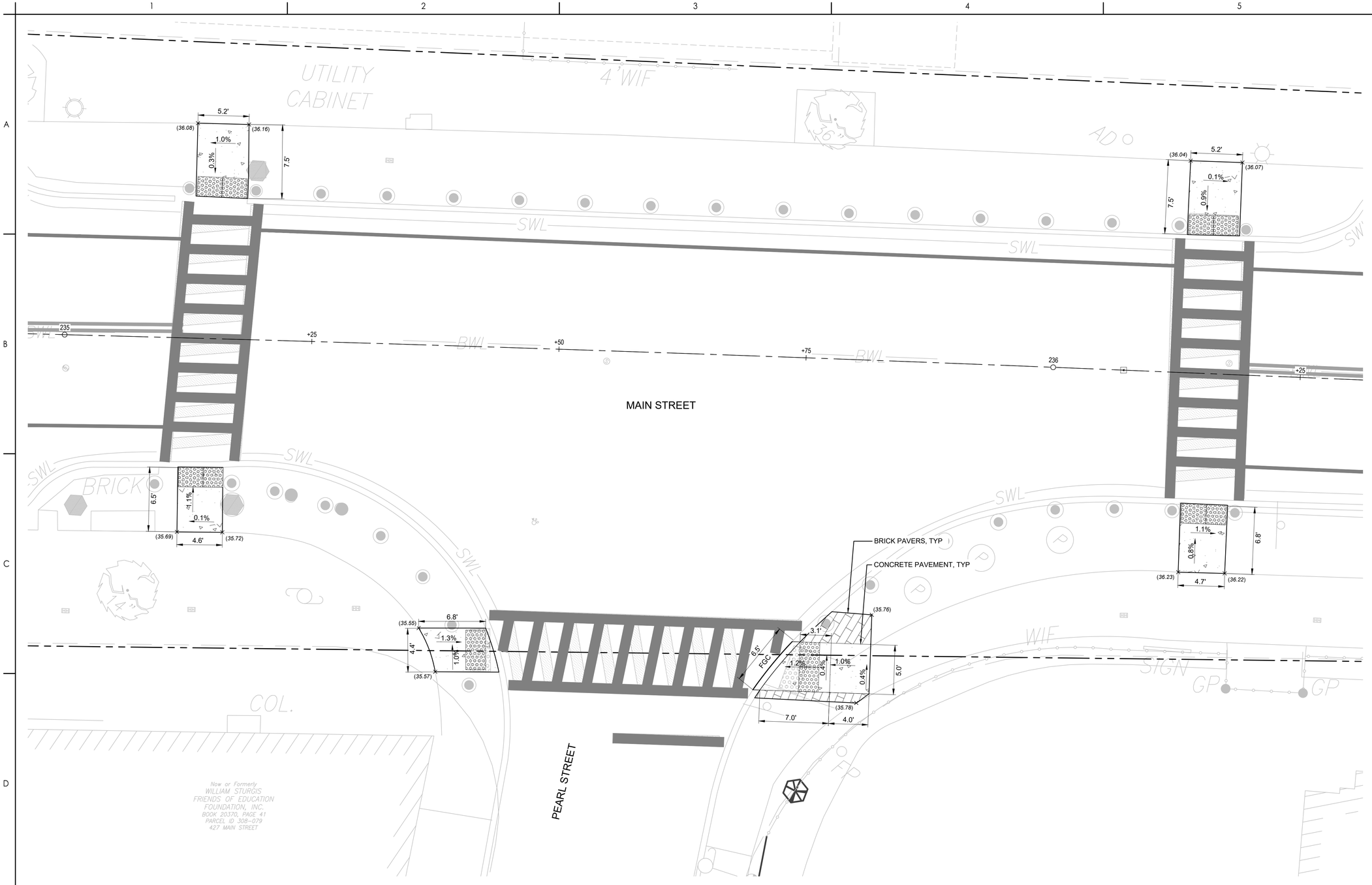

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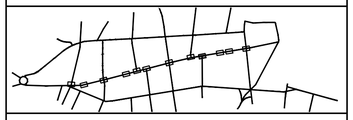

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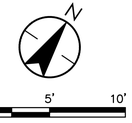

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File Name: 210400118_C-401 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD

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Contract No.	Sheet	Scale
210400118	51 of 89	1" = 5'
Revision	Drawing No.	
	C-410	

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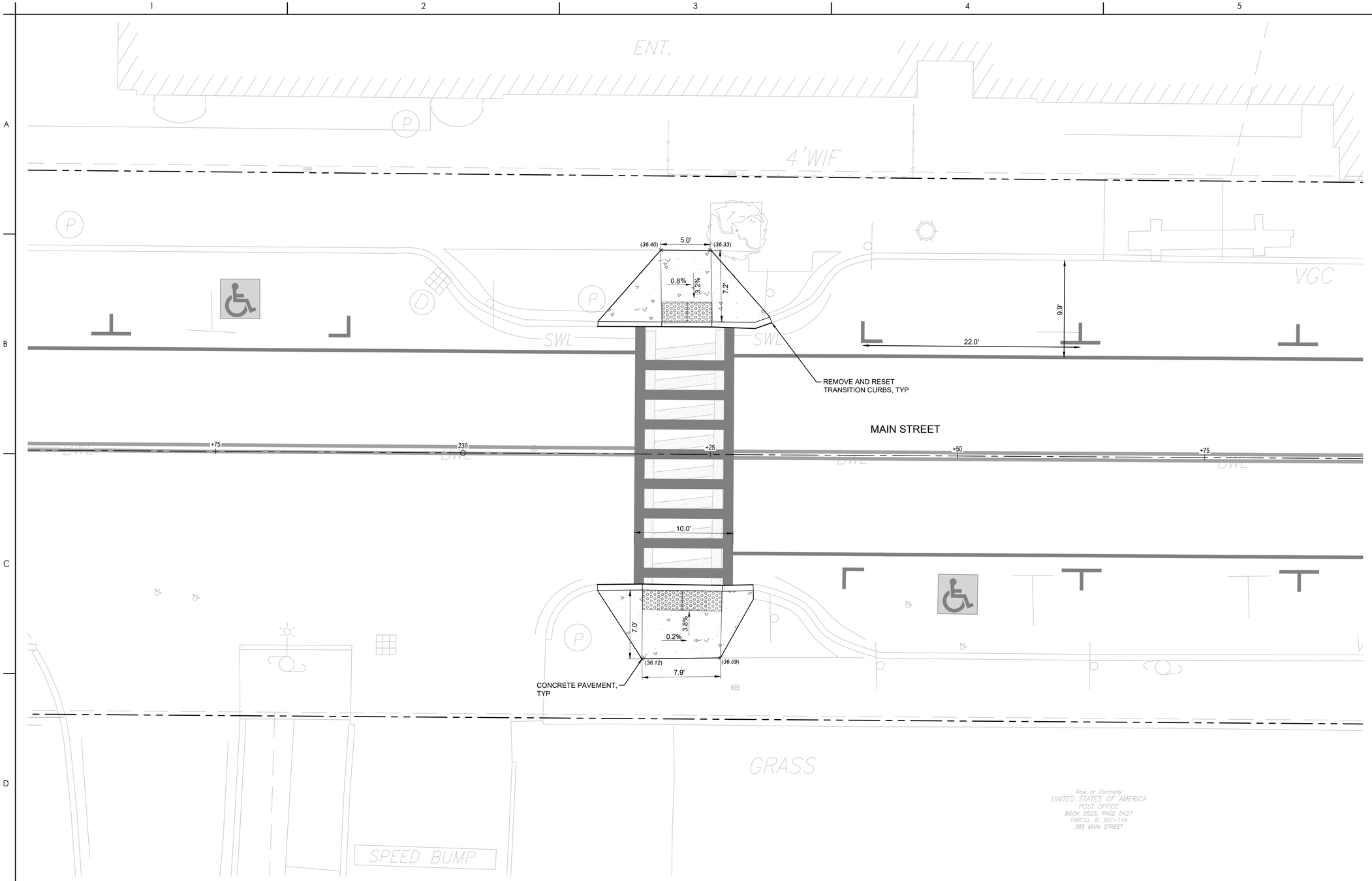

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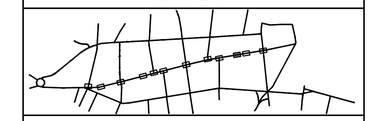

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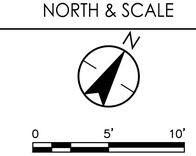

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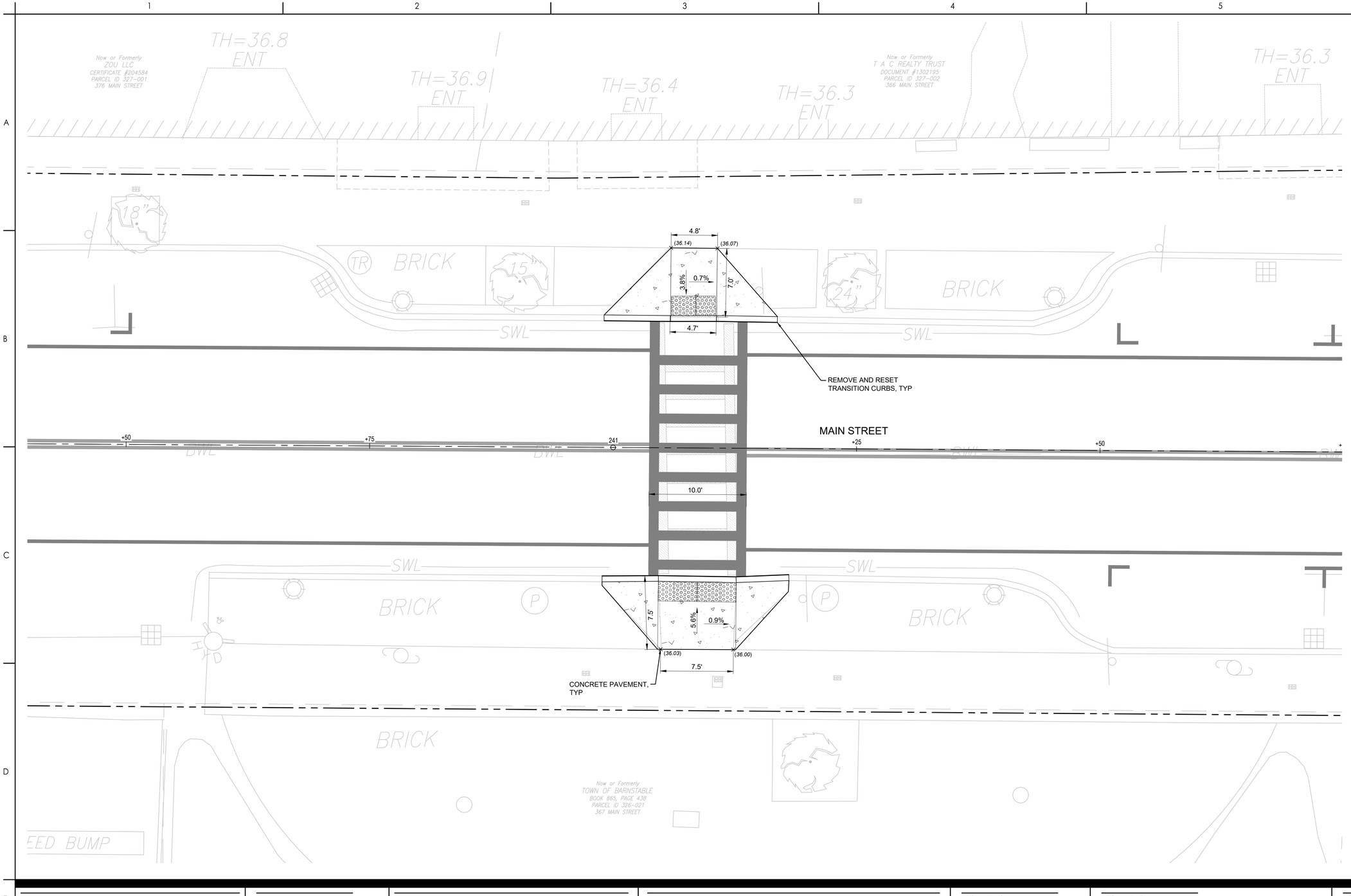

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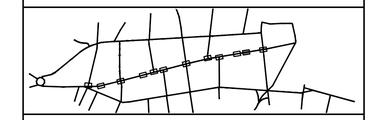

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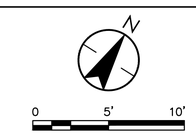

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CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project

THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-401

Dwn. Dsgn. Chkd. YYYY.MM.DD

Title

CURB RAMP ENLARGEMENT
MAIN STREET 212+71 - 218+11

Contract No.	Sheet	Scale
210400118	53 of 89	1" = 5'
Revision	Drawing No.	
		C-412

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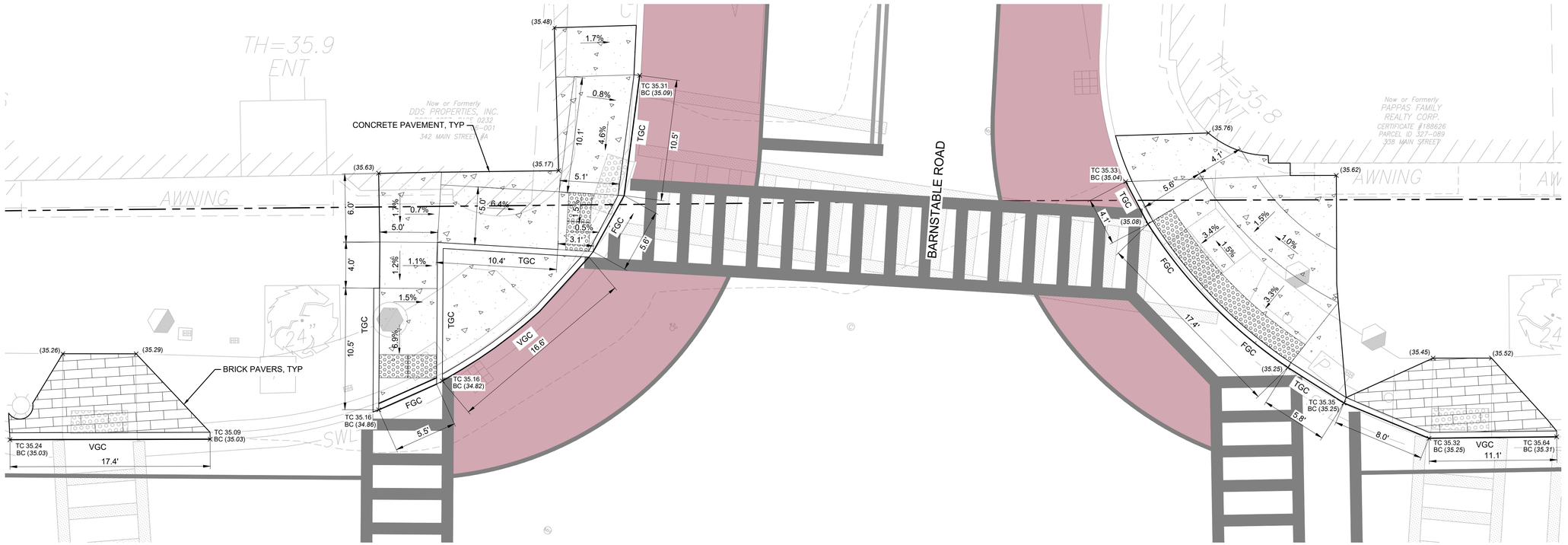
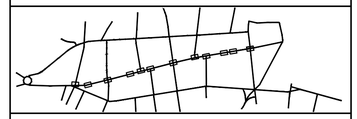


KEY PLAN



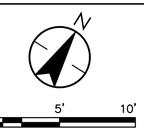
ACCESSIBILITY LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DETECTABLE WARNING PANEL
	ACCESSIBLE PARKING PAVEMENT MARKING
	CONCRETE SIDEWALK
	BRICK PAVER SIDEWALK
	BRICK PAVER TRUCK APRON
	CURB EXTENSION PAVEMENT MARKING
DBYL	DOUBLE YELLOW PAINTED LINE
DYL	DASHED YELLOW PAINTED LINE
SWL	SOLID WHITE PAINTED LINE
PSM	PARKING SPACE MARKING
VGC	VERTICAL GRANITE CURB
FGC	FLUSH GRANITE CURB
MGC	MOUNTABLE GRANITE CURB
TGC	TRANSITION GRANITE CURB
VIF	VERIFY IN FIELD
×22.25	PROPOSED SPOT ELEVATION
×(21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)

ACCESSIBILITY SHEET NOTES

1. SEE SHEET G-002 FOR GENERAL PROJECT NOTES.
2. EXISTING CURBS SHALL DEFINE LIMITS OF MILLING & OVERLAY UNLESS OTHERWISE IDENTIFIED ON PLANS.
3. DETECTABLE WARNING PANELS SHALL BE CAST IRON CONFORMING TO TOWN SPECIFICATIONS UNLESS OTHERWISE NOTED.
4. RAMPS SHALL BE CONSTRUCTED TO COMPLY WITH ADA AND PROWAG STANDARDS.
5. CONCRETE PANEL DIMENSIONS SHOWN HEREIN ARE MINIMUM DIMENSIONS. ACTUAL TIE-IN LOCATIONS SHALL BE THE NEAREST EXISTING CONTROL JOINT.
6. DETECTABLE WARNING PANELS ARE ASSUMED TO BE INSTALLED WITH 1-INCH CONCRETE ON EITHER SIDE
7. CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE TOWARDS EXISTING CATCH BASINS WITHIN THE STREET, MINIMUM 1.5%

NORTH & SCALE



Revision	By	Appd	YYYY.MM.DD
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25% DESIGN	AMJ	GPR	2024.11.22
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COMMONWEALTH OF MASSACHUSETTS
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HYANNIS, MA

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MAIN STREET 212+71 - 218+11

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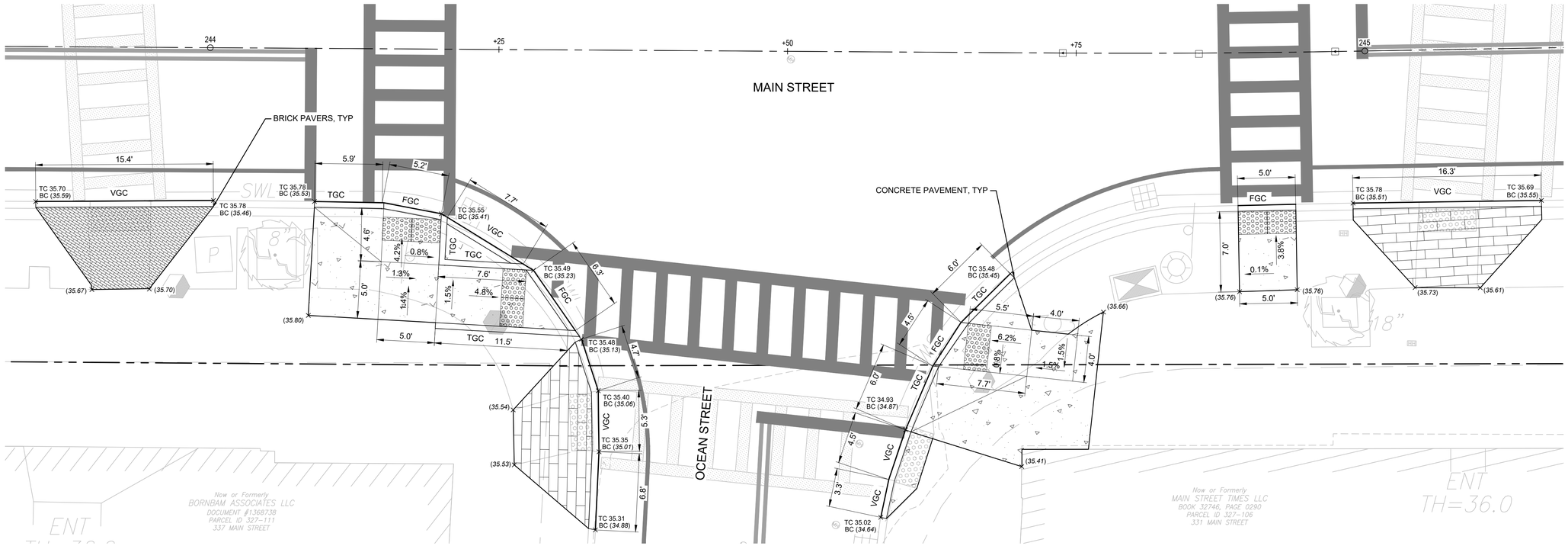
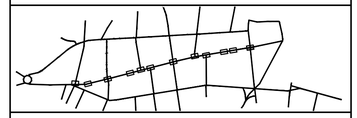


KEY PLAN



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NORTH & SCALE



0 5' 10'

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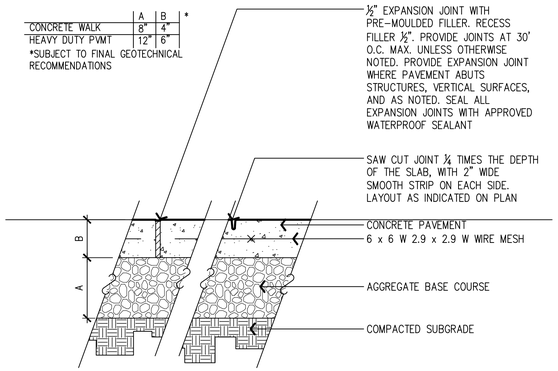
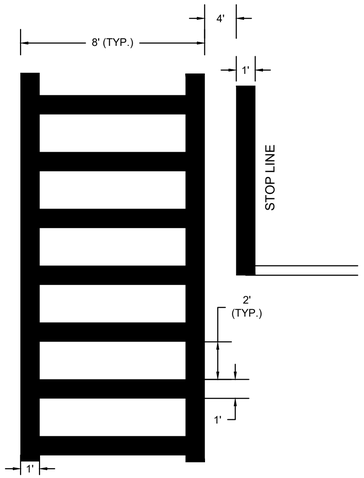


NOTE:

1. PROVIDE LIGHT BROOM FINISH PERPENDICULAR TO THE TRAFFIC FLOW UNLESS OTHERWISE NOTED.

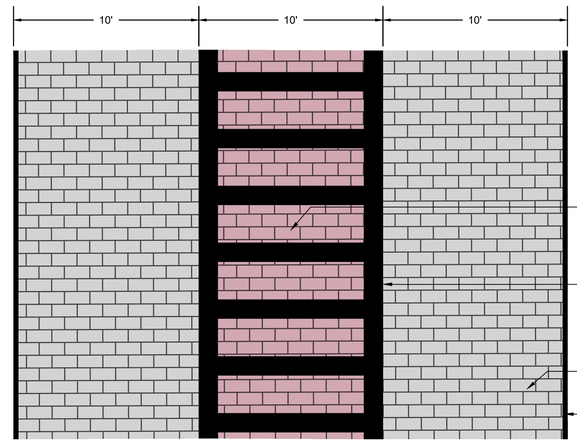
1 CONCRETE PAVING
SCALE: NTS



NOTES:

1. CROSSWALKS AND STOP LINES SHALL BE WHITE THERMOPLASTIC REFLECTORIZED MARKINGS UNLESS THE TOWN SPECIFIES WHITE TRAFFIC PAINT.
2. CENTER FIRST LONGITUDINAL LINE ON ROADWAY CENTERLINE, THEN EVENLY SPACE REMAINING LONGITUDINAL LINES TOWARD EACH CURB OR EACH EDGE OF PAVEMENT. 2' GAPS MAY VARY BY ± 4" TO FACILITATE UNIFORM GAP DIMENSIONS, SUBJECT TO TOWN APPROVAL.
3. TRANSVERSE LINES SHALL EXTEND THE FULL WIDTH OF PAVEMENT FROM CURB TO CURB OR EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
4. TRANSVERSE LINES ARE PERPENDICULAR TO THE DIRECTION OF VEHICULAR TRAFFIC. LONGITUDINAL LINES ARE PARALLEL TO THE DIRECTION OF VEHICULAR TRAFFIC.
5. CROSSWALK WIDTH SHALL BE 8' UNLESS OTHERWISE SPECIFIED BY THE TOWN.

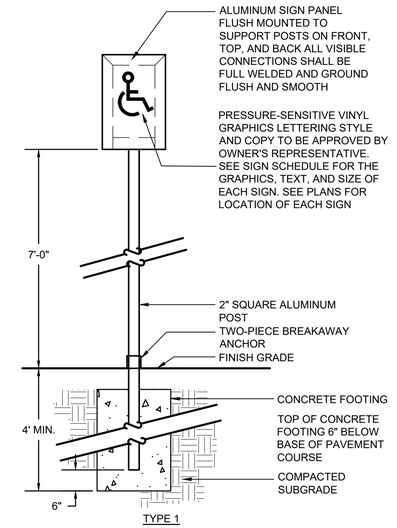
2 CROSSWALK PAVEMENT MARKING
SCALE: NTS



NOTES:

1. FINAL PAVED SURFACE TO BE MILLED TO A DEPTH OF ¾".
2. THE TEXTURIZED SYNTHETIC PAVEMENT SHALL BE A ¾" HOT-APPLIED RESIN BASED COMPOUND WITH BRICK RED COLOR OR GREY COLOR THROUGHOUT

3 COLORED STAMPED PAVEMENT CROSSWALK
SCALE: NTS



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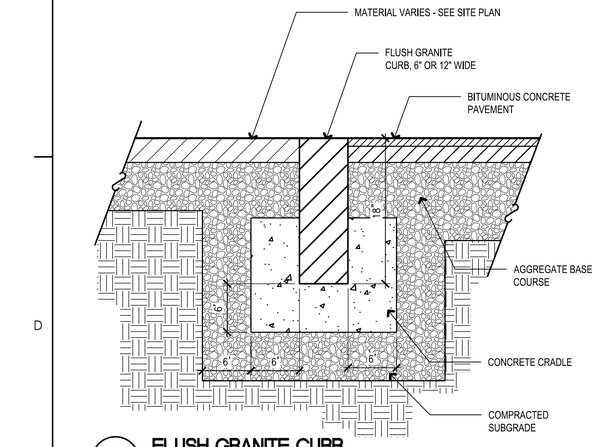
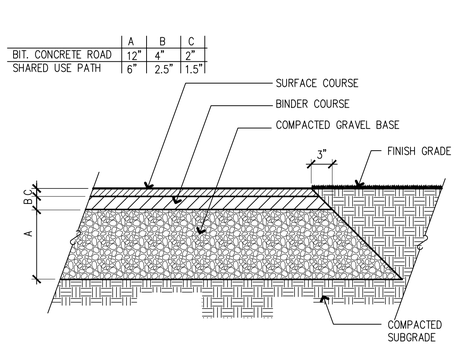
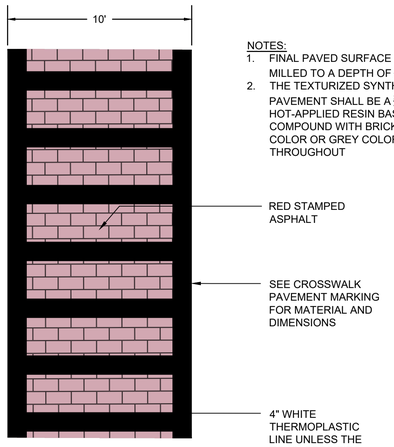
5 SIGN POST
SCALE: NTS



6 FLUSH GRANITE CURB
SCALE: NTS



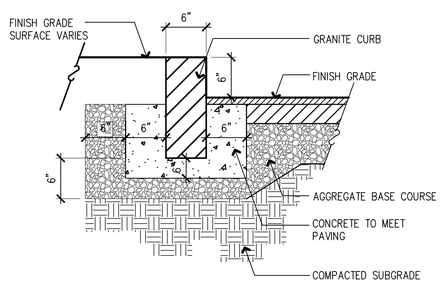
7 BITUMINOUS CONCRETE
SCALE: NTS



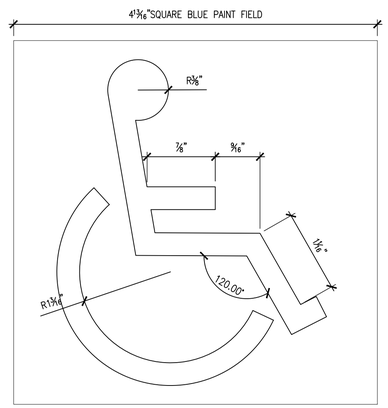
NOTES:

1. FINAL PAVED SURFACE TO BE MILLED TO A DEPTH OF ¾".
2. THE TEXTURIZED SYNTHETIC PAVEMENT SHALL BE A ¾" HOT-APPLIED RESIN BASED COMPOUND WITH BRICK RED COLOR OR GREY COLOR THROUGHOUT

8 ALTERNATIVE CROSSWALK
SCALE: NTS



9 VERTICAL GRANITE CURB
SCALE: NTS



NOTES:

1. SYMBOL SHALL BE CENTERED IN THE PARKING STALL
2. SYMBOL LINES SHALL BE 3" WIDTH WHITE SKID RESISTANT PAINT IN BLUE SKID RESISTANT PAINT FIELD

10 ACCESSIBLE PARKING PAVEMENT MARKING
SCALE: NTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
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DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-501 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD

Title
ROADWAY DETAILS

Contract No.	Sheet	Scale
210400118	56 of 89	AS NOTED
Revision	Drawing No.	
	C-501	

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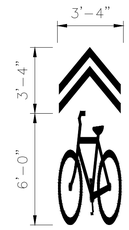
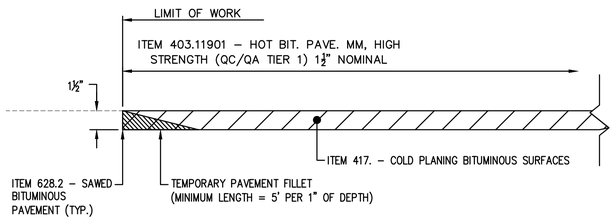


PER 2009 MUTCD FIG. 9C-9

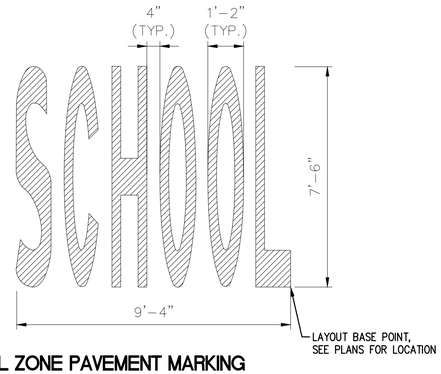
1 SHARED BIKE LANE PAVEMENT MARKING

SCALE: NTS



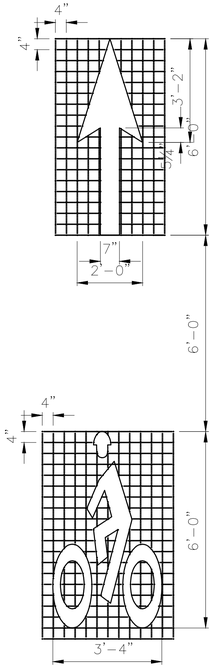
2 PAVEMENT MATCH DETAIL

SCALE: NTS



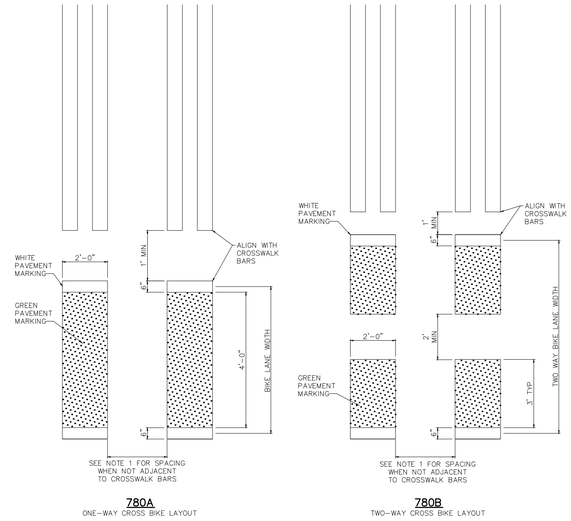
3 SCHOOL ZONE PAVEMENT MARKING

SCALE: NTS



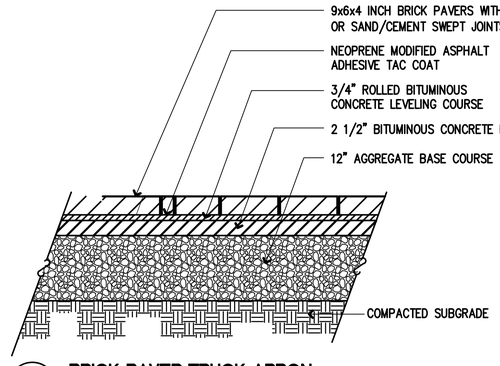
4 HELMETED BICYCLIST SYMBOL WITH ARROW

SCALE: NTS



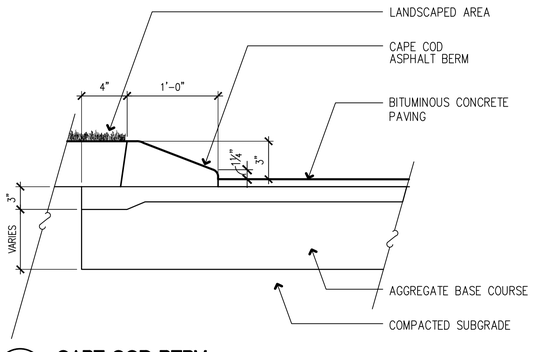
5 CROSS BIKE PAVEMENT MARKING

SCALE: NTS



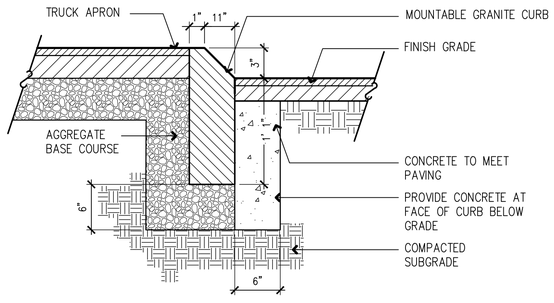
6 BRICK PAVER TRUCK APRON

SCALE: NTS



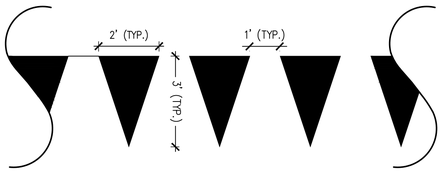
7 CAPE COD BERM

SCALE: NTS



8 MOUNTABLE GRANITE CURB

SCALE: NTS



NOTES:

1. MARKINGS SHALL BE WHITE SKID RESISTANT PAINT
2. SEE PLANS FOR NUMBER OF YIELD MARKINGS AT EACH LOCATION

9 YIELD MARKING

SCALE: NTS

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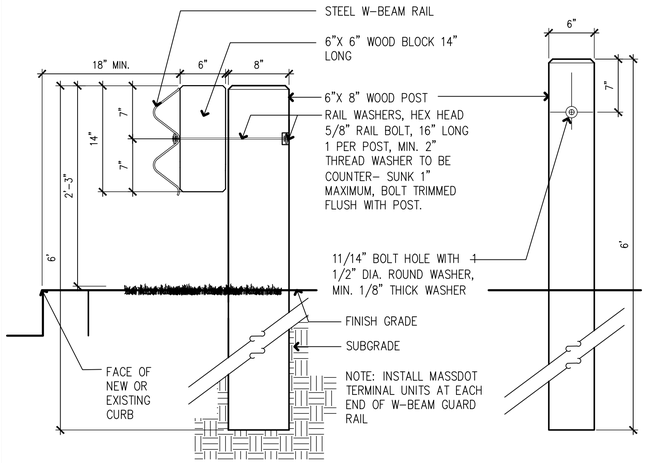
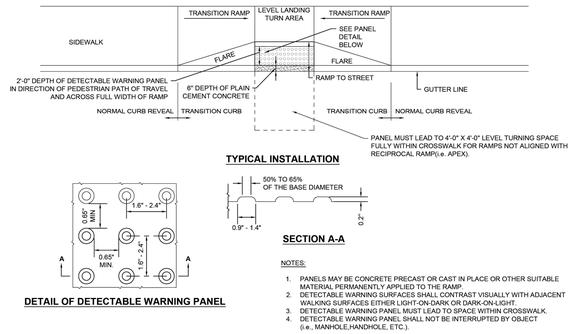


1 STEEL GUARD RAIL

SCALE: NTS



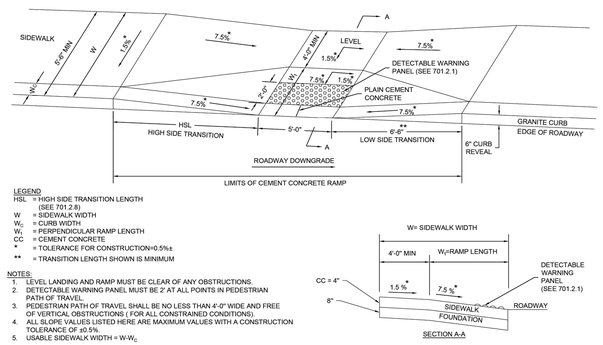
DETAIL OF DETECTABLE WARNING PANEL

NOTES:

1. PANELS MAY BE CONCRETE PRECAST OR CAST IN PLACE OR OTHER SUITABLE MATERIAL PERMANENTLY APPLIED TO THE RAMP.
2. DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.
3. DETECTABLE WARNING PANEL MUST LEAD TO SPACE WITHIN CROSSWALK.
4. DETECTABLE WARNING PANEL SHALL NOT BE INTERRUPTED BY OBJECT (i.e., MANHOLE,HANDHOLE, ETC.).

2 DETECTABLE WARNING PANEL

SCALE: NTS



LEGEND

HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)
W = SIDEWALK WIDTH
W_C = CURB WIDTH
W_T = PERPENDICULAR RAMP LENGTH
CC = CEMENT CONCRETE
* = TOLERANCE FOR CONSTRUCTION=0.5%±
** = TRANSITION LENGTH SHOWN IS MINIMUM

NOTES:

1. LEVEL LANDING AND RAMP MUST BE CLEAR OF ANY OBSTRUCTIONS.
2. DETECTABLE WARNING PANEL MUST BE 2' AT ALL POINTS IN PEDESTRIAN PATH OF TRAVEL.
3. PEDESTRIAN PATH OF TRAVEL SHALL BE NO LESS THAN 4'-0" WIDE AND FREE OF VERTICAL OBSTRUCTIONS (FOR ALL CONSTRAINED CONDITIONS).
4. ALL SLOPE VALUES LISTED HERE ARE MAXIMUM VALUES WITH A CONSTRUCTION TOLERANCE OF ±0.5%.
5. USABLE SIDEWALK WIDTH = $W-W_C$

3 TYPICAL CURB RAMP

SCALE: NTS

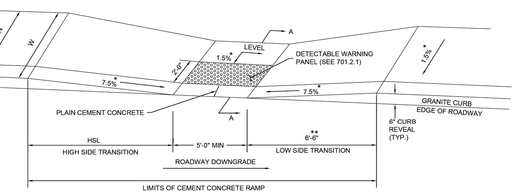
IDENTIFICATION NUMBER	SIZE OF SIGN WIDTH (INCH)	SIZE OF SIGN HEIGHT (INCH)	LEGEND	POST SIZE AND NUMBER OF SIGNS REQUIRED	AREA IN SQUARE FEET
R1-1	30	30	STOP	41	256.25
R7-8	12	18	RESERVED PARKING	1	1.5
R7-6	12	18	NO PARKING LOADING HOURS SIGN	21	31.50
R1-3P	30	12	ALL WAY	31 MOUNT ON R1-1 POST	77.50
W11-2	36	36		44 MOUNT ON W16-7P POST	396.00
W16-7P	21	15		46	100.63
S4-2P	24	12	WHEN CHILDREN ARE PRESENT	2 MOUNT ON R2-1 POST	4.00
S4-3P	24	9	SCHOOL	2 MOUNT ON R2-1 POST	3.00
R2-1	24	30	SPEED LIMIT 20	1	5.00
S1-1	36	36		2 MOUNT ON W16-7P POST	18.00
R4-7	12	18		4	6.00
R6-4	30	24		5	25.00
R1-2	36	36	STOP	1	9.00
D11-1	24	18	BIKE ROUTE	2	6.00
M4-6	36	18	END	2 MOUNT ON D11-1 POST	9.0

NOTES:

1. SEE MUTCD STANDARD HIGHWAY SIGNS FOR TEXT DIMENSIONS AND COLOR SPECIFICATIONS.

7 SIGNAGE SCHEDULE

SCALE: NTS

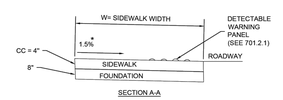


LEGEND

HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)
W = SIDEWALK WIDTH
W_C = CURB WIDTH
W_T = PERPENDICULAR RAMP LENGTH
CC = CEMENT CONCRETE
* = TOLERANCE FOR CONSTRUCTION=0.5%±
** = TRANSITION LENGTH SHOWN IS MINIMUM

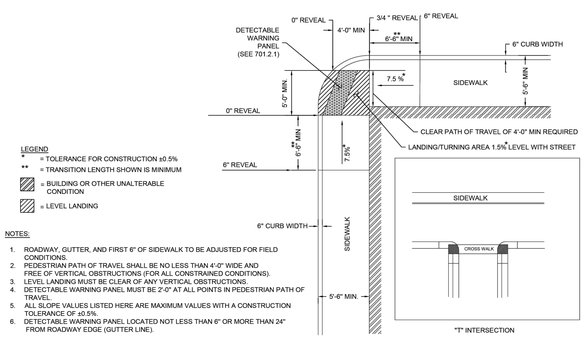
NOTES:

1. LEVEL LANDING AND RAMP MUST BE CLEAR OF ANY OBSTRUCTIONS.
2. DETECTABLE WARNING PANEL MUST BE 2' AT ALL POINTS IN PEDESTRIAN PATH OF TRAVEL.
3. PEDESTRIAN PATH OF TRAVEL SHALL BE NO LESS THAN 4'-0" WIDE AND FREE OF VERTICAL OBSTRUCTIONS (FOR ALL CONSTRAINED CONDITIONS).
4. ALL SLOPE VALUES LISTED HERE ARE MAXIMUM VALUES WITH A CONSTRUCTION TOLERANCE OF ±0.5%.
5. USABLE SIDEWALK WIDTH = $W-W_C$



4 PARALLEL CURB RAMP

SCALE: NTS



LEGEND

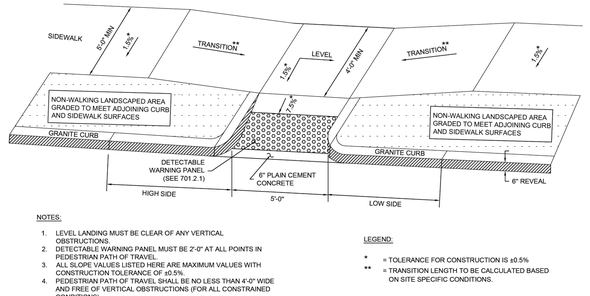
* = TOLERANCE FOR CONSTRUCTION ±0.5%
** = TRANSITION LENGTH SHOWN IS MINIMUM
= BUILDING OR OTHER UNALTERABLE CONDITION
= LEVEL LANDING

NOTES:

1. ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS.
2. PEDESTRIAN PATH OF TRAVEL SHALL BE NO LESS THAN 4'-0" WIDE AND FREE OF VERTICAL OBSTRUCTIONS (FOR ALL CONSTRAINED CONDITIONS).
3. LEVEL LANDING MUST BE CLEAR OF ANY VERTICAL OBSTRUCTIONS.
4. DETECTABLE WARNING PANEL MUST BE 2'-0" AT ALL POINTS IN PEDESTRIAN PATH OF TRAVEL.
5. ALL SLOPE VALUES LISTED HERE ARE MAXIMUM VALUES WITH A CONSTRUCTION TOLERANCE OF ±0.5%.
6. DETECTABLE WARNING PANEL LOCATED NOT LESS THAN 6" OR MORE THAN 24" FROM ROADWAY EDGE (GUTTER LINE).

5 T INTERSECTION CURB RAMP

SCALE: NTS



NOTES:

1. LEVEL LANDING MUST BE CLEAR OF ANY VERTICAL OBSTRUCTIONS.
2. DETECTABLE WARNING PANEL MUST BE 2'-0" AT ALL POINTS IN PEDESTRIAN PATH OF TRAVEL.
3. ALL SLOPE VALUES LISTED HERE ARE MAXIMUM VALUES WITH CONSTRUCTION TOLERANCE OF ±0.5%.
4. PEDESTRIAN PATH OF TRAVEL SHALL BE NO LESS THAN 4'-0" WIDE AND FREE OF VERTICAL OBSTRUCTIONS (FOR ALL CONSTRAINED CONDITIONS).

LEGEND:

* = TOLERANCE FOR CONSTRUCTION IS ±0.5%
** = TRANSITION LENGTH TO BE CALCULATED BASED ON SITE SPECIFIC CONDITIONS.

6 CURB RAMP WITH RETURNED SIDES

SCALE: NTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-501 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD

Title
ROADWAY DETAILS

Contract No. 210400118
Sheet 58 of 89
Scale AS NOTED
Revision
Drawing No. C-503

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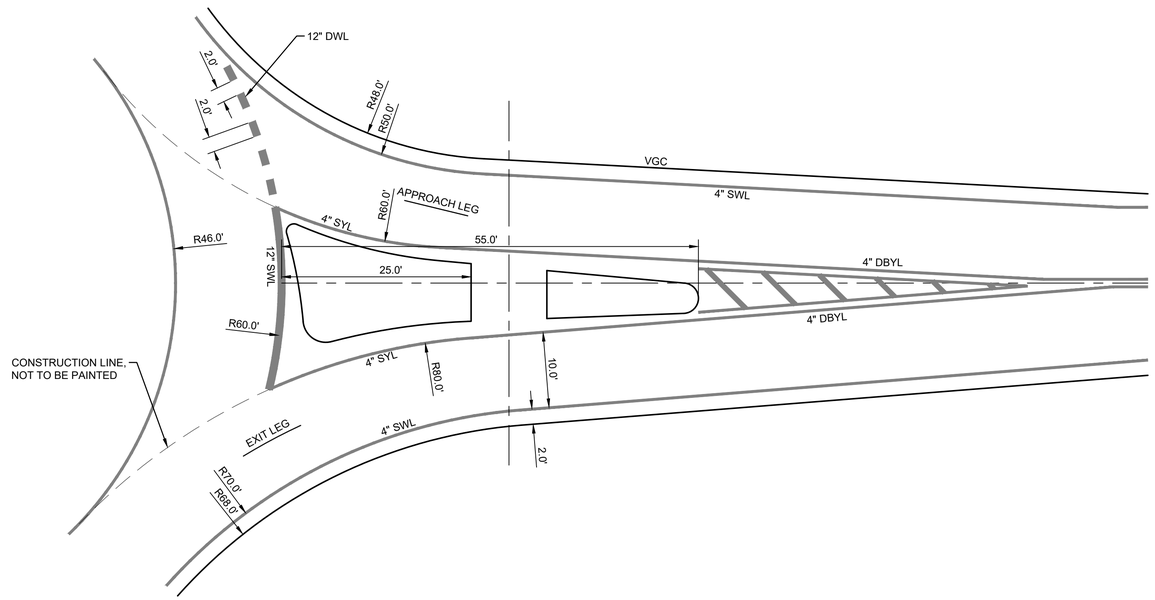
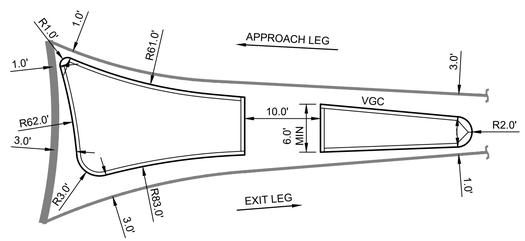


1 TYPICAL SPLITTER ISLAND
SCALE: NTS



2 TYPICAL SPLITTER ISLAND
SCALE: NTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-501

Dwn. Dsgn. Chkd. YYYY.MM.DD

Title
ROADWAY DETAILS

Contract No.	Sheet	Scale
210400118	59 of 89	AS NOTED
Revision	Drawing No.	
		C-504

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MAIN STREET ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
C1	300.82	505.0	2,698,830.68	985,162.36	2,698,877.69	985,455.00
L1	475.38		2 698 877.69	985,455.00	2,699,087.51	985,881.57
C2	104.94	600.0	2,699,087.51	985,881.57	2,699,125.38	985,979.29
L2	84.58		2 699 125.38	985,979.29	2,699,148.94	986,060.52
C3	179.16	500.0	2,699,148.94	986,060.52	2,699,228.27	986,220.09
L3	472.15		2 699 228.27	986,220.09	2,699,510.45	986,598.65
C4	31.72	5,000.0	2,699,510.45	986,598.65	2,699,529.49	986,624.02
L4	1,295.87		2 699 529.49	986,624.02	2,700,310.53	987,658.06
C5	662.51	7,000.0	2,700,310.53	987,658.06	2,700,684.24	988,204.81
L6	866.72		2 700 684.24	988,204.81	2,701,138.92	988,942.68
C6	23.59	1,000.0	2,701,138.92	988,942.68	2,701,151.53	988,962.61
L7	170.74		2 701 151.53	988,962.61	2,701,244.51	989,105.82
C7	32.93	1,000.0	2,701,244.51	989,105.82	2,701,262.89	989,133.14
L8	306.83		2 701 262.89	989,133.14	2,701,438.36	989,384.85
C8	74.53	500.0	2,701,438.36	989,384.85	2,701,476.27	989,448.94
L9	39.99		2 701 476.27	989,448.94	2,701,494.02	989,484.77
C9	22.91	300.0	2,701,494.02	989,484.77	2,701,504.96	989,504.90
L10	62.13		2 701 504.96	989,504.90	2,701,536.69	989,558.32

NORTH STREET ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
L11	138.53		2 698 930.83	985,063.97	2,699,014.84	985,174.13
C10	192.53	450.0	2,699,014.84	985,174.13	2,699,160.32	985,297.99
L12	564.05		2 699 160.32	985,297.99	2,699,657.63	985,564.14
C11	630.83	1,000.0	2,699,657.63	985,564.14	2,700,086.84	986,012.13
L13	770.42		2 700 086.84	986,012.13	2,700,420.96	986,706.34
C12	22.13	1,000.0	2,700,420.96	986,706.34	2,700,430.78	986,726.17
L14	58.45		2 700 430.78	986,726.17	2,700,457.28	986,778.26
C13	19.91	1,000.0	2,700,457.28	986,778.26	2,700,466.14	986,796.09
L15	430.47		2 700 466.14	986,796.09	2,700,653.68	987,183.56
C14	20.10	5,000.0	2,700,653.68	987,183.56	2,700,662.40	987,201.67
L16	157.94		2 700 662.40	987,201.67	2,700,730.64	987,344.11
C15	34.99	5,000.0	2,700,730.64	987,344.11	2,700,745.87	987,375.61
L17	159.51		2 700 745.87	987,375.61	2,700,815.79	987,518.97
C16	28.02	5,000.0	2,700,815.79	987,518.97	2,700,828.00	987,544.19
L18	288.71		2 700 828.00	987,544.19	2,700,953.10	987,804.39
C17	12.70	1,000.0	2,700,953.10	987,804.39	2,700,958.53	987,815.87
L19	67.32		2 700 958.53	987,815.87	2,700,986.93	987,876.90
C18	19.21	1,000.0	2,700,986.93	987,876.90	2,700,995.20	987,894.24
L20	658.97		2 700 995.20	987,894.24	2,701,284.60	988,486.26
C19	15.83	10,000.0	2,701,284.60	988,486.26	2,701,291.56	988,500.47
L21	294.65		2 701 291.56	988,500.47	2,701,421.38	988,764.98

SOUTH STREET ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
L22	29.38		2 699 157.55	986,087.37	2,699,129.55	986,096.28
C20	56.53	45.0	2,699,129.55	986,096.28	2,699,098.19	986,138.86
L23	35.38		2 699 098.19	986,138.86	2,699,097.95	986,174.24
C21	35.03	500.0	2,699,097.95	986,174.24	2,699,096.49	986,209.23
L24	14.96		2 699 096.49	986,209.23	2,699,095.34	986,224.15
C22	35.03	500.0	2,699,095.34	986,224.15	2,699,093.88	986,259.14
L25	285.25		2 699 093.88	986,259.14	2,699,091.97	986,544.38
C23	55.61	1,500.0	2,699,091.97	986,544.38	2,699,090.56	986,599.97
L26	112.90		2 699 090.56	986,599.97	2,699,085.62	986,712.76
C24	50.79	85.0	2,699,085.62	986,712.76	2,699,098.24	986,761.17
L27	806.96		2 699 098.24	986,761.17	2,699,522.56	987,447.57
C25	50.13	10,000.0	2,699,522.56	987,447.57	2,699,549.02	987,490.14
L28	303.97		2 699 549.02	987,490.14	2,699,710.15	987,747.89
C26	63.42	10,000.0	2,699,710.15	987,747.89	2,699,743.60	987,801.77
L29	636.42		2 699 743.60	987,801.77	2,700,077.52	988,343.55
C27	92.63	400.0	2,700,077.52	988,343.55	2,700,116.60	988,427.31
L30	816.22		2 700 116.60	988,427.31	2,700,373.96	989,201.89
C28	59.18	2,000.0	2,700,373.96	989,201.89	2,700,393.45	989,257.77
L31	42.87		2 700 393.45	989,257.77	2,700,408.16	989,298.04
C29	34.62	1,000.0	2,700,408.16	989,298.04	2,700,419.48	989,330.76
L32	264.47		2 700 419.48	989,330.76	2,700,501.61	989,582.16
C30	30.18	5,000.0	2,700,501.61	989,582.16	2,700,511.07	989,610.81
L33	300.44		2 700 511.07	989,610.81	2,700,606.08	989,895.83
C31	93.12	350.0	2,700,606.08	989,895.83	2,700,646.87	989,979.24
L34	148.05		2 700 646.87	989,979.24	2,700,728.97	990,102.44
C32	101.77	225.0	2,700,728.97	990,102.44	2,700,764.67	990,196.82
L35	811.45		2 700 764.67	990,196.82	2,700,874.31	991,000.83

SEA STREET ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
L36	9.68		2 699 086.02	986,703.49	2,699,095.69	986,703.92
C33	30.73	75.0	2,699,095.69	986,703.92	2,699,125.81	986,699.02
L37	262.35		2 699 125.81	986,699.02	2,699,370.79	986,605.16
C34	55.04	350.0	2,699,370.79	986,605.16	2,699,420.43	986,581.51
L38	12.20		2 699 420.43	986,581.51	2,699,431.00	986,575.42
C35	11.74	100.0	2,699,431.00	986,575.42	2,699,440.80	986,568.97
L39	38.11		2 699 440.80	986,568.97	2,699,471.35	986,546.19

SEA STREET EXTENSION ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
L40	148.90		2 699 467.69	986,541.28	2,699,600.06	986,473.11
C36	69.43	850.0	2,699,600.06	986,473.11	2,699,663.02	986,443.87
L41	569.98		2 699 663.02	986,443.87	2,700,189.35	986,225.11

HIGH SCHOOL ROAD ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
L42	552.76		2 699 803.85	987,899.52	2,700,276.81	987,613.42

BASSETT LANE ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
L46	34.24		2 699 883.02	987,092.07	2,699,910.34	987,071.43
C41	8.28	100.0	2,699,910.34	987,071.43	2,699,917.14	987,066.72
L47	477.53		2 699 917.14	987,066.72	2,700,320.69	986,811.40
C42	53.39	2,000.0	2,700,320.69	986,811.40	2,700,366.18	986,783.46
L48	34.66		2 700 366.18	986,783.46	2,700,395.95	986,765.72
C43	7.79	100.0	2,700,395.95	986,765.72	2,700,402.80	986,762.00
L49	36.25		2 700 402.80	986,762.00	2,700,435.29	986,745.92

WINTER STREET ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
L51	25.96		2 700 538.84	987,978.69	2,700,560.41	987,964.25
C45	29.36	100.0	2,700,560.41	987,964.25	2,700,586.83	987,951.71
L52	16.31		2 700 586.83	987,951.71	2,700,602.44	987,946.94
C44	235.18	7,999.7	2,700,602.44	987,946.94	2,700,828.34	987,881.56
L50	147.85		2 700 828.34	987,881.56	2,700,970.95	987,842.55

OCEAN STREET ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
L53	1,100.55		2 700 162.35	989,453.43	2,701,125.27	988,920.52

BARNSTABLE ROAD ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
L59	302.66		2 701 129.53	988,927.44	2,701,394.37	988,780.93
C49	21.05	500.0	2,701,394.37	988,780.93	2,701,412.57	988,770.36
L60	41.39		2 701 412.57	988,770.36	2,701,447.91	988,748.82
C50	133.85	375.0	2,701,447.91	988,748.82	2,701,572.10	988,700.80
L61	113.01		2 701 572.10	988,700.80	2,701,683.07	988,679.41

OLD COLONY ROAD ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
L54	210.33		2 700 425.10	989,347.95	2,700,633.81	989,373.98
C46	91.10	5,000.0	2,700,633.81	989,373.98	2,700,724.31	989,384.43
L55	314.01		2 700 724.31	989,384.43	2,701,036.56	989,417.60
C47	130.27	7,000.0	2,701,036.56	989,417.60	2,701,166.22	989,430.16
L56	315.57		2 701 166.22	989,430.16	2,701,480.59	989,457.66

ELM AVENUE ALIGNMENT

SEGMENT	LENGTH	RADIUS	BEGINNING NORTHING	BEGINNING EASTING	ENDING NORTHING	ENDING EASTING
L57	129.97		2 701 623.59	988,690.87	2,701,642.08	988,819.52
C48	28.37	100.0	2,701,642.08	988,819.52	2,701,650.02	988,846.66
L58	346.00		2 701 650.02	988,846.66	2,701,793.16	989,161.67

SEGMENT LEGEND

L 38 — LINEAR SEGMENT

C 41 — CURVED SEGMENT

SEGMENTS ARE SEPARATED BY SQUARES ALONG THE ALIGNMENT.

SEGMENTS MAY CONTINUE TO ADJACENT SHEETS.

SEGMENTS MAY NOT BE LABELED ON EVERY SHEET THEY ARE DISPLAYED.

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_C-102 | Dwn. | Dsgn. | Chkd. | ---- YYYY.MM.DD

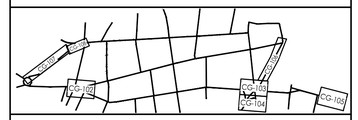
Title
ROADWAY ALIGNMENT SCHEDULE

Contract No. 210400118 | Sheet 60 of 89 | Scale NO SCALE

Revision | Drawing No. C-601



KEY PLAN



GRADING & DRAINAGE LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DRAINAGE PIPE
CB	DRAINAGE CATCH BASIN
D	DRAINAGE MANHOLE
×22.25	PROPOSED SPOT ELEVATION
×(21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)
BC 24.05	BOTTOM OF CURB ELEVATION
R 22.90	GRATE OR COVER ELEVATION
VIF	VERIFY IN FIELD

GRADING & DRAINAGE SHEET NOTES

1. SEE SHEET G-002 FOR GENERAL PROJECT NOTES.
2. SEE CU- SERIES PLANS FOR DRAINAGE INVERT ELEVATIONS.
3. VERIFY ALL EXISTING PAVEMENT ELEVATIONS IN FIELD AND MATCH ELEVATIONS AT ALL SAWCUT LOCATIONS.
4. RESET ALL EXISTING UTILITY STRUCTURE COVERS, VALVE AND GATE BOX COVERS TO PROPOSED ELEVATIONS WITHIN THE LIMIT OF DISTURBANCE. VERIFY IN FIELD, SOME UTILITY STRUCTURE COVERS MAY BE MISSING FROM SURVEY BACKGROUND.
5. SEE C-400 SERIES FOR RAMP GRADING ENLARGEMENTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

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COMMONWEALTH OF MASSACHUSETTS
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CG-101 | Dwn. | Dsgn. | Chkd. | 2026-02-08 YYYY.MM.DD

Title
OVERALL GRADING & DRAINAGE PLAN

Contract No.	Sheet	Scale
210400118	61 of 89	1" = 250'
Revision	Drawing No.	
	CG-101	

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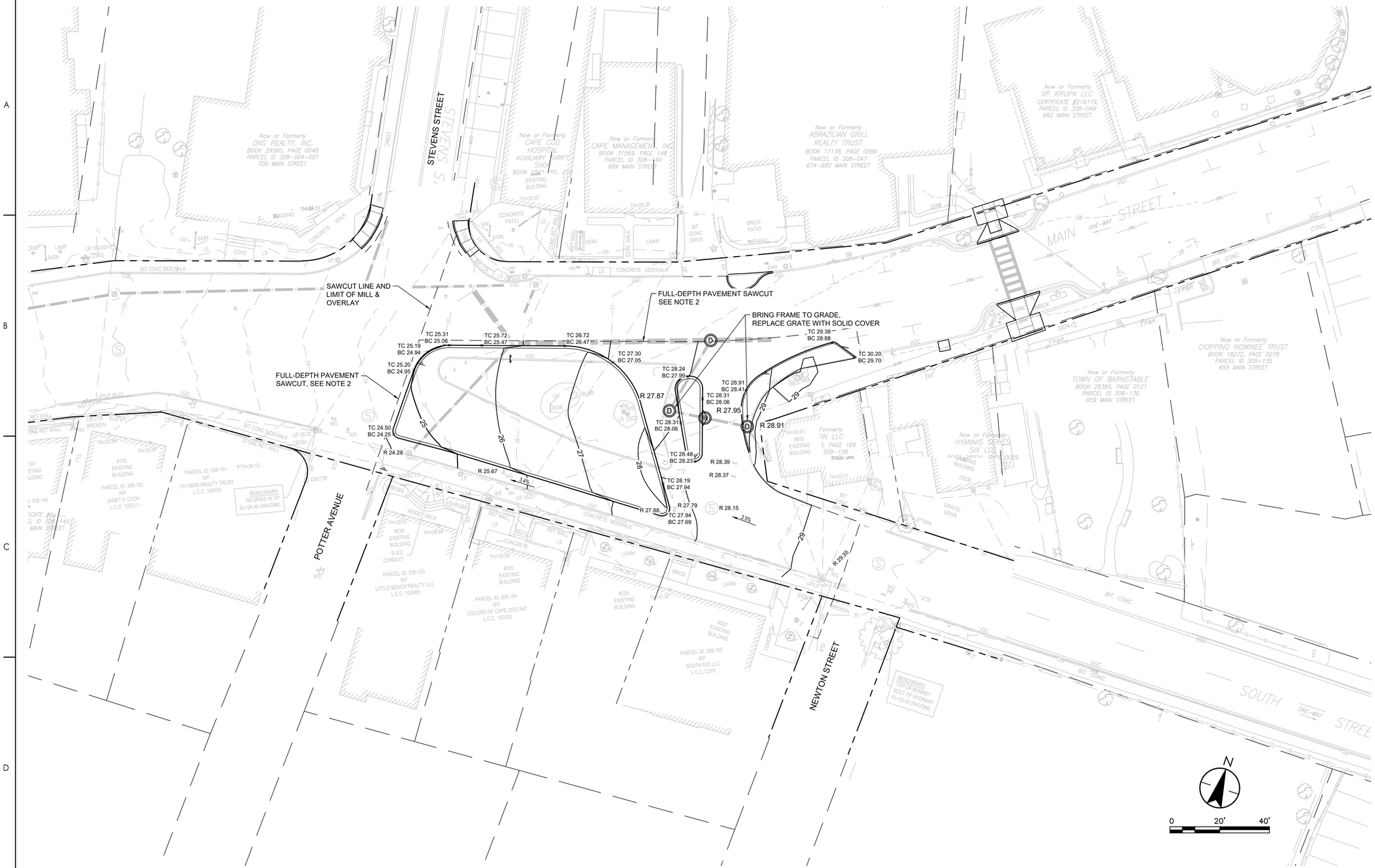
2/9/2026 12:22:39 PM
ORIGINAL SHEET - ANSI D



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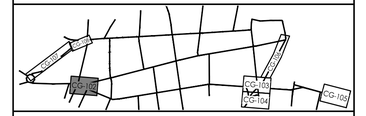

GRADING & DRAINAGE LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DRAINAGE PIPE
CB	DRAINAGE CATCH BASIN
D	DRAINAGE MANHOLE
×22.25	PROPOSED SPOT ELEVATION
×(21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)
BC 24.05	BOTTOM OF CURB ELEVATION
R 22.90	GRATE OR COVER ELEVATION
VIF	VERIFY IN FIELD

GRADING & DRAINAGE SHEET NOTES

1. SEE SHEET G-002 FOR GENERAL PROJECT NOTES.
2. SEE CU- SERIES PLANS FOR DRAINAGE INVERT ELEVATIONS.
3. VERIFY ALL EXISTING PAVEMENT ELEVATIONS IN FIELD AND MATCH ELEVATIONS AT ALL SAWCUT LOCATIONS.
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5. SEE C-400 SERIES FOR RAMP GRADING ENLARGEMENTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
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2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1989

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

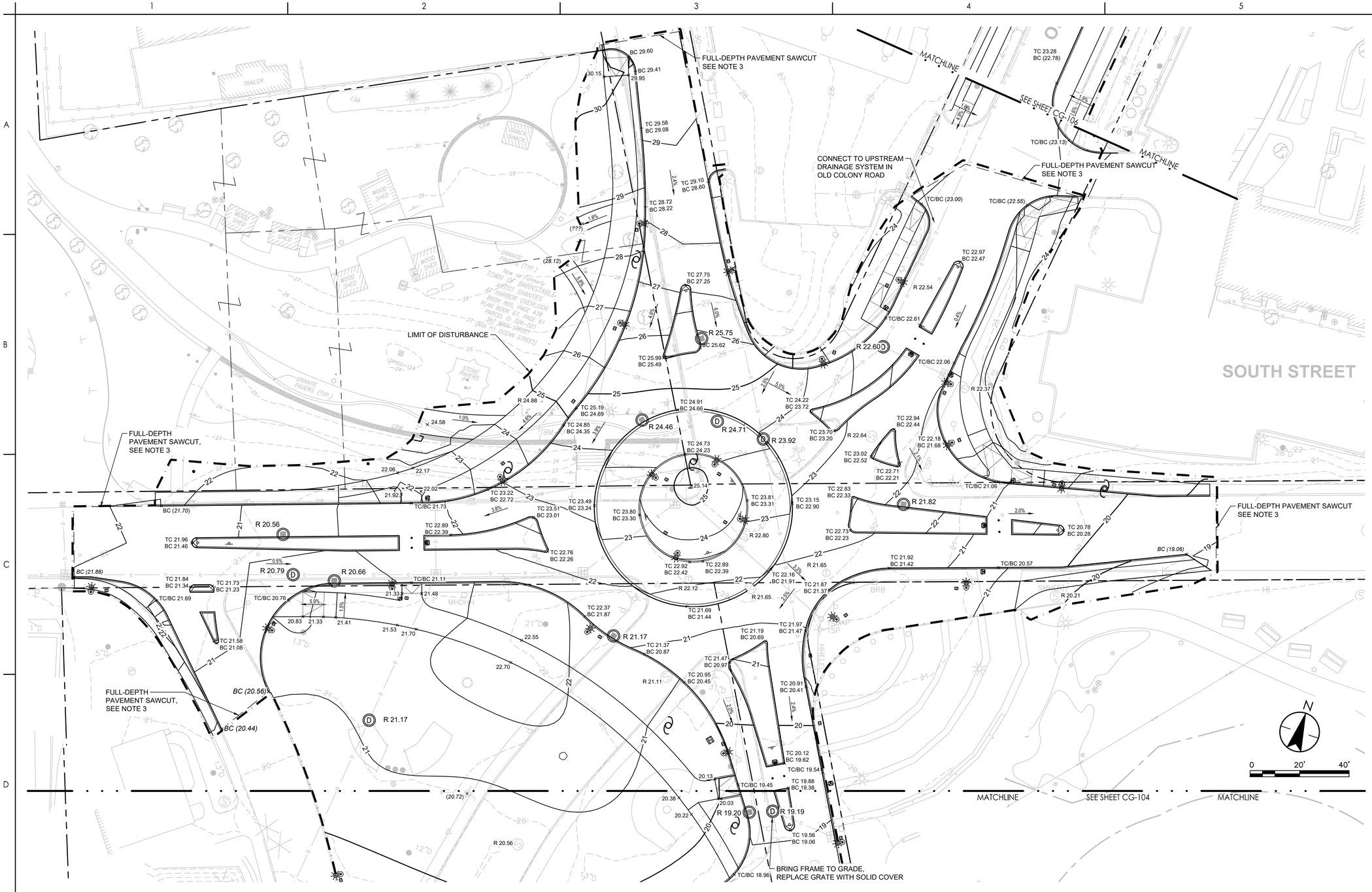
HYANNIS, MA

File Name: 210400118_CG-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD: ----

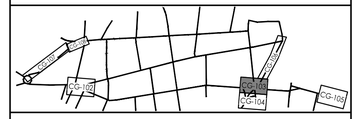
Title
GRADING & DRAINAGE PLAN MAIN ST. x SOUTH ST. INTERSECTION

Contract No.	Sheet	Scale
210400118	62 of 89	1" = 20'
Revision	Drawing No.	
	CG-102	

ORIGINAL SHEET - ANSI D



KEY PLAN



GRADING & DRAINAGE LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DRAINAGE PIPE
CB	DRAINAGE CATCH BASIN
D	DRAINAGE MANHOLE
×22.25	PROPOSED SPOT ELEVATION
×(21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)
BC 24.05	BOTTOM OF CURB ELEVATION
R 22.90	GRATE OR COVER ELEVATION
VIF	VERIFY IN FIELD

GRADING & DRAINAGE SHEET NOTES

1. SEE SHEET G-002 FOR GENERAL PROJECT NOTES.
2. SEE CU- SERIES PLANS FOR DRAINAGE INVERT ELEVATIONS.
3. VERIFY ALL EXISTING PAVEMENT ELEVATIONS IN FIELD AND MATCH ELEVATIONS AT ALL SAWCUT LOCATIONS.
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5. SEE C-400 SERIES FOR RAMP GRADING ENLARGEMENTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
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2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CG-102

Dwn.	Dsgn.	Chkd.	YYYY.MM.DD
			—

Title
GRADING & DRAINAGE PLAN
SIX-POINTS ROUNDABOUT

Contract No.	Sheet	Scale
210400118	63 of 89	1" = 20'
Revision	Drawing No.	
	CG-103	

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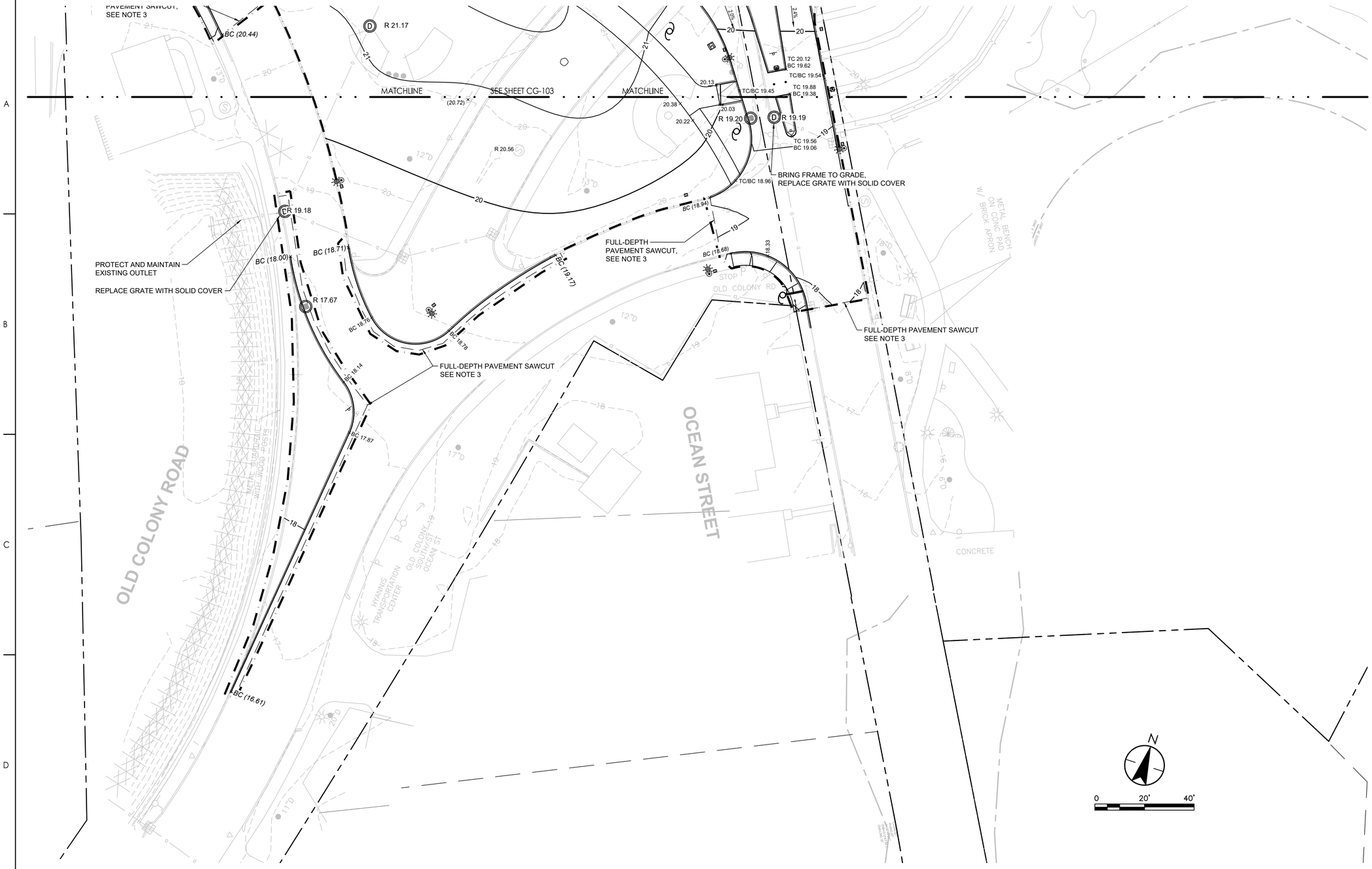
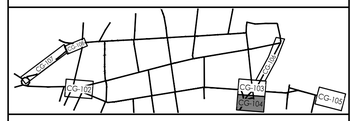


KEY PLAN



GRADING & DRAINAGE LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DRAINAGE PIPE
CB	DRAINAGE CATCH BASIN
D	DRAINAGE MANHOLE
×22.25	PROPOSED SPOT ELEVATION
×(21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)
BC 24.05	BOTTOM OF CURB ELEVATION
R 22.90	GRATE OR COVER ELEVATION
VIF	VERIFY IN FIELD

GRADING & DRAINAGE SHEET NOTES

1. SEE SHEET G-002 FOR GENERAL PROJECT NOTES.
2. SEE CU- SERIES PLANS FOR DRAINAGE INVERT ELEVATIONS.
3. VERIFY ALL EXISTING PAVEMENT ELEVATIONS IN FIELD AND MATCH ELEVATIONS AT ALL SAWCUT LOCATIONS.
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5. SEE C-400 SERIES FOR RAMP GRADING ENLARGEMENTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

GEORGE P. RYAN CIVIL No. 54497 REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CG-102

Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Title
GRADING & DRAINAGE PLAN
SIX-POINTS ROUNDABOUT

Contract No.	Sheet	Scale
210400118	64 of 89	1" = 20'
Revision	Drawing No.	
	CG-104	

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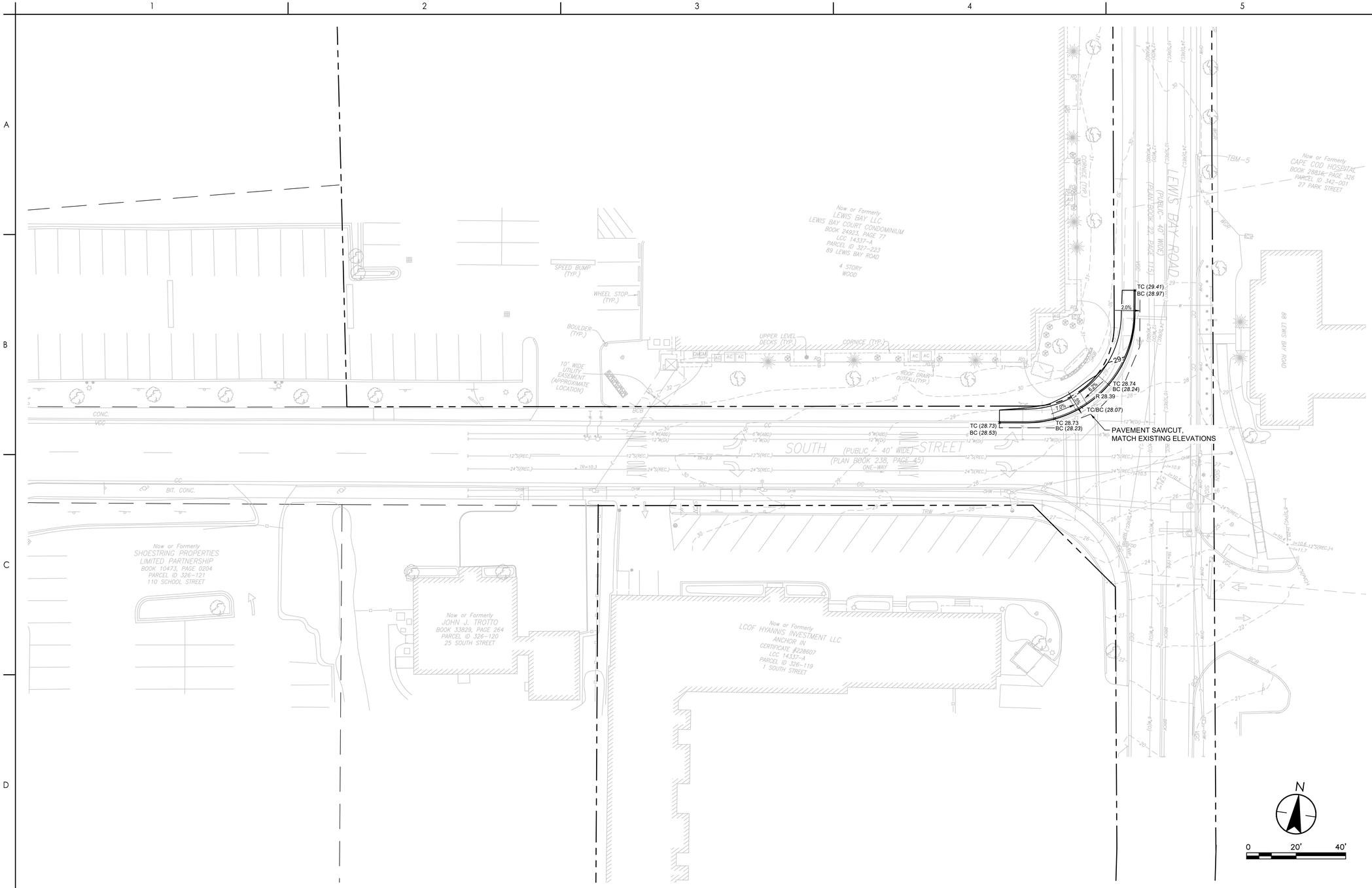

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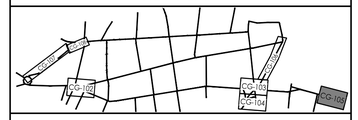

GRADING & DRAINAGE LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DRAINAGE PIPE
	DRAINAGE CATCH BASIN
D	DRAINAGE MANHOLE
×22.25	PROPOSED SPOT ELEVATION
×(21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)
BC 24.05	BOTTOM OF CURB ELEVATION
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GRADING & DRAINAGE SHEET NOTES

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5. SEE C-400 SERIES FOR RAMP GRADING ENLARGEMENTS

Revision	By	Appd	YYYY.MM.DD
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100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project

THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CG-102

Dwn. Dsgn. Chkd. YYYY.MM.DD

Title

GRADING & DRAINAGE PLAN
SOUTH ST. x LOUIS BAY RD. INTERSECTION

Contract No.	Sheet	Scale
210400118	65 of 89	1" = 20'
Revision	Drawing No.	
	CG-105	

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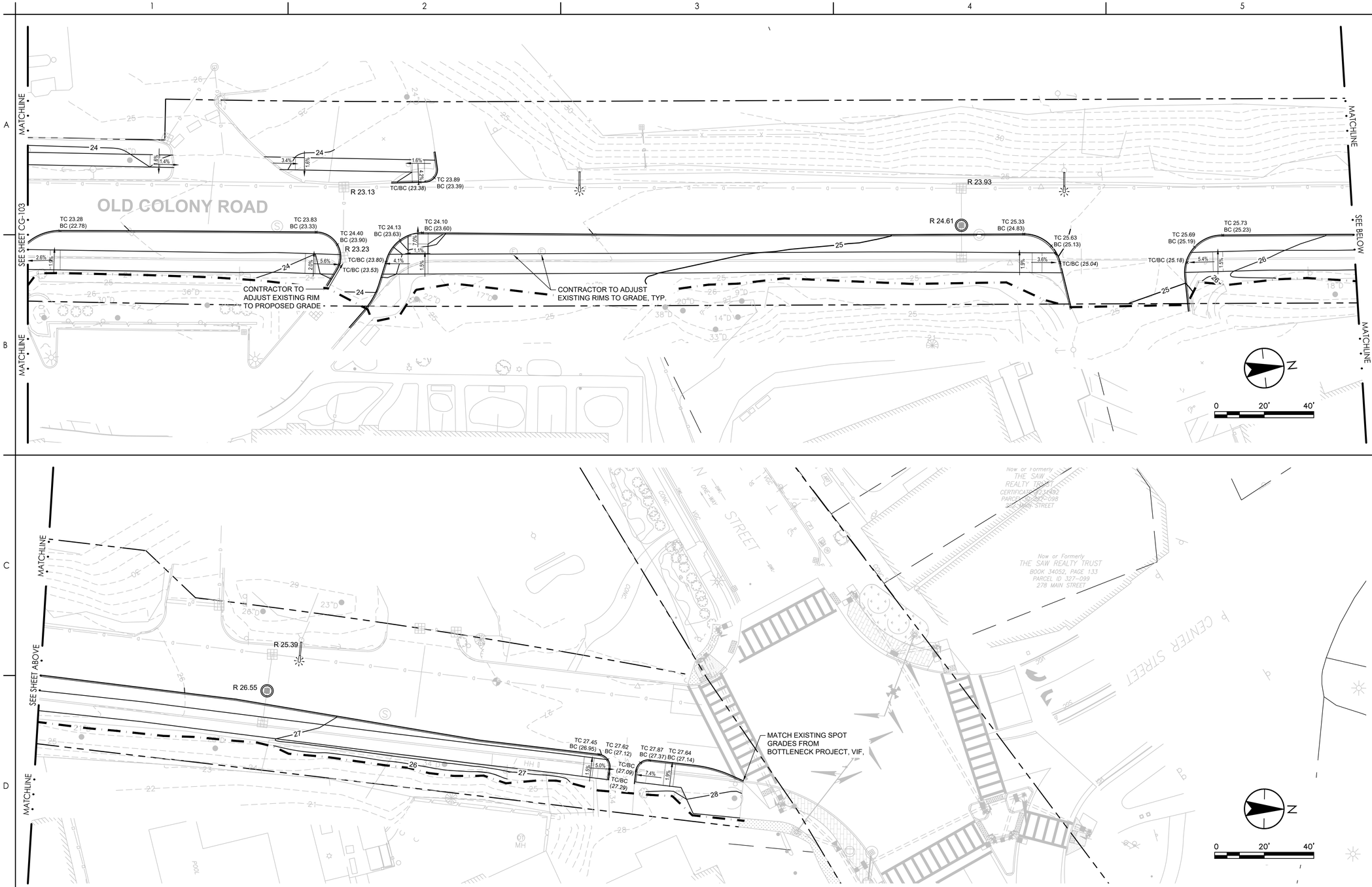

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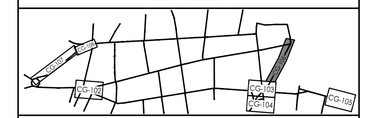

GRADING & DRAINAGE LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DRAINAGE PIPE
	DRAINAGE CATCH BASIN
	DRAINAGE MANHOLE
×22.25	PROPOSED SPOT ELEVATION
×(21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)
BC 24.05	BOTTOM OF CURB ELEVATION
R 22.90	GRATE OR COVER ELEVATION
VIF	VERIFY IN FIELD

GRADING & DRAINAGE SHEET NOTES

1. SEE SHEET G-002 FOR GENERAL PROJECT NOTES.
2. SEE CU- SERIES PLANS FOR DRAINAGE INVERT ELEVATIONS.
3. VERIFY ALL EXISTING PAVEMENT ELEVATIONS IN FIELD AND MATCH ELEVATIONS AT ALL SAWCUT LOCATIONS.
4. RESET ALL EXISTING UTILITY STRUCTURE COVERS, VALVE AND GATE BOX COVERS TO PROPOSED ELEVATIONS WITHIN THE LIMIT OF DISTURBANCE. VERIFY IN FIELD, SOME UTILITY STRUCTURE COVERS MAY BE MISSING FROM SURVEY BACKGROUND.
5. SEE C-400 SERIES FOR RAMP GRADING ENLARGEMENTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
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No. 54497
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2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project

THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CG-102

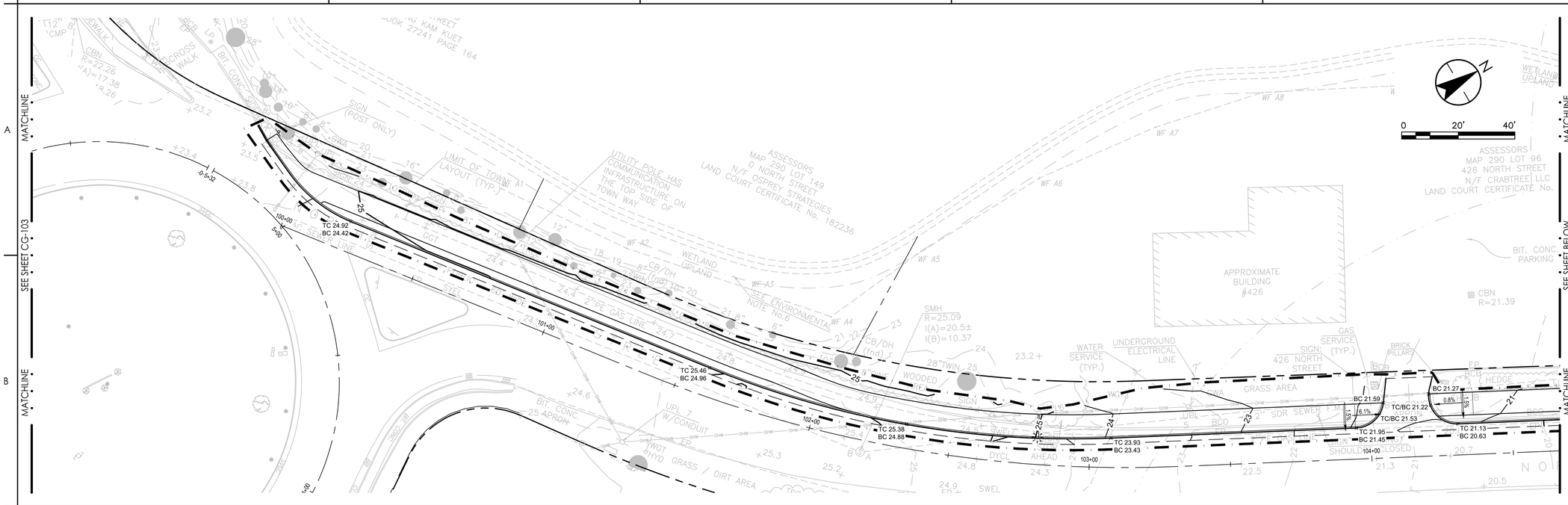
Dwn. Dsgn. Chkd. YYYY.MM.DD

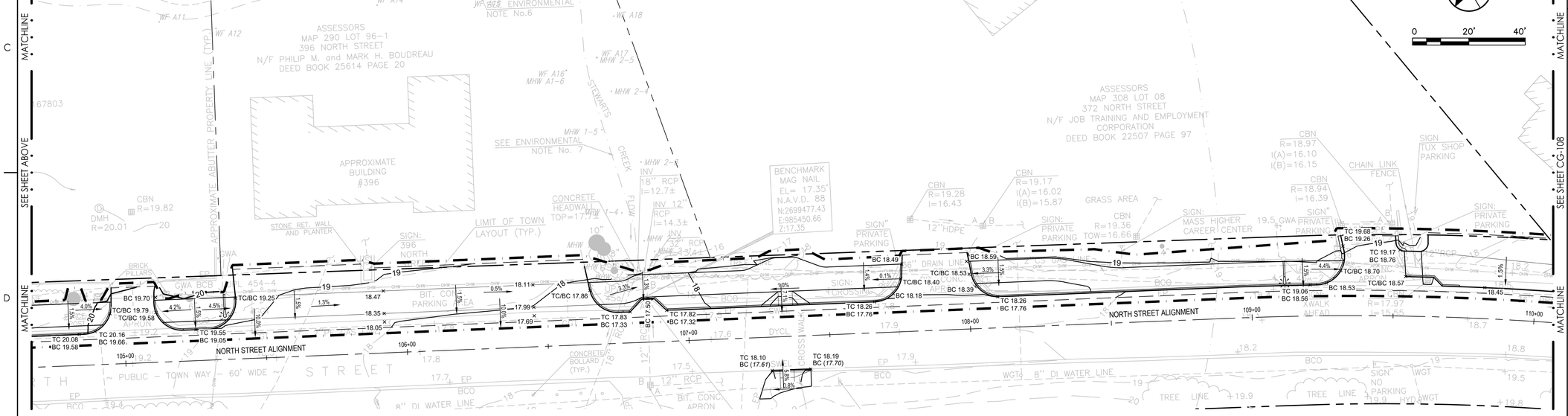
Title

GRADING & DRAINAGE PLAN OLD COLONY ROAD

Contract No.	Sheet	Scale
210400118	66 of 89	1" = 20'
Revision	Drawing No.	
		CG-106

ORIGINAL SHEET - ANSI D





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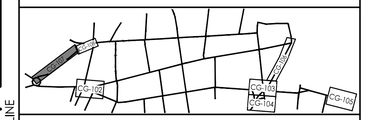

GRADING & DRAINAGE LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DRAINAGE PIPE
CB	DRAINAGE CATCH BASIN
D	DRAINAGE MANHOLE
×22.25	PROPOSED SPOT ELEVATION
×(21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)
BC 24.05	BOTTOM OF CURB ELEVATION
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GRADING & DRAINAGE SHEET NOTES

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5. SEE C-400 SERIES FOR RAMP GRADING ENLARGEMENTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
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No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CG-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD

Title
GRADING & DRAINAGE PLAN
NORTH STREET

Contract No.	Sheet	Scale
210400118	67 of 89	1" = 20'
Revision	Drawing No.	
	CG-107	

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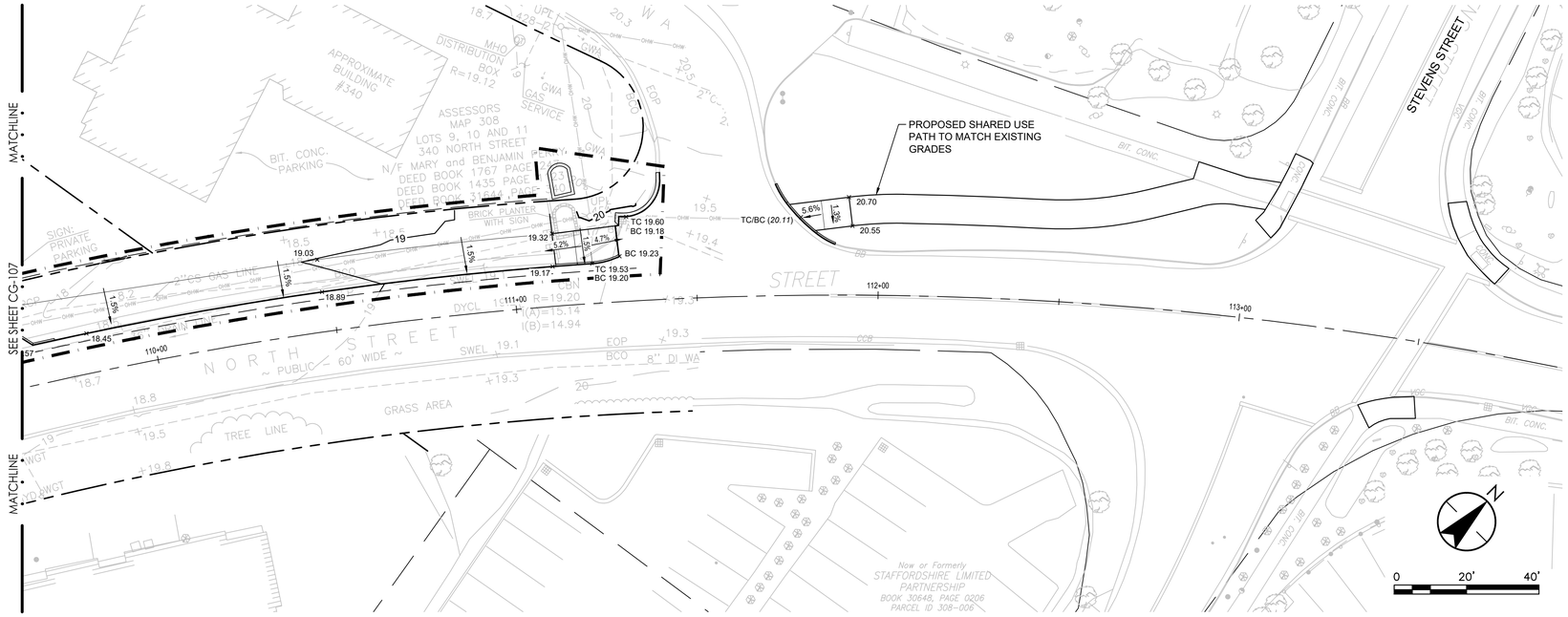
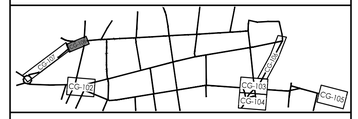


KEY PLAN



GRADING & DRAINAGE LEGEND

	PROPERTY LINE
	LIMIT OF DISTURBANCE
	DRAINAGE PIPE
CB	DRAINAGE CATCH BASIN
D	DRAINAGE MANHOLE
×22.25	PROPOSED SPOT ELEVATION
×(21.87)	MATCH EXISTING SPOT ELEVATION (VERIFY IN FIELD)
BC 24.05	BOTTOM OF CURB ELEVATION
R 22.90	GRATE OR COVER ELEVATION
VIF	VERIFY IN FIELD

GRADING & DRAINAGE SHEET NOTES

1. SEE SHEET G-002 FOR GENERAL PROJECT NOTES.
2. SEE CU- SERIES PLANS FOR DRAINAGE INVERT ELEVATIONS.
3. VERIFY ALL EXISTING PAVEMENT ELEVATIONS IN FIELD AND MATCH ELEVATIONS AT ALL SAWCUT LOCATIONS.
4. RESET ALL EXISTING UTILITY STRUCTURE COVERS, VALVE AND GATE BOX COVERS TO PROPOSED ELEVATIONS WITHIN THE LIMIT OF DISTURBANCE. VERIFY IN FIELD, SOME UTILITY STRUCTURE COVERS MAY BE MISSING FROM SURVEY BACKGROUND.
5. SEE C-400 SERIES FOR RAMP GRADING ENLARGEMENTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CG-102

Dwn.	Dsgn.	Chkd.	YYYY.MM.DD
			—

Title
GRADING & DRAINAGE PLAN
NORTH STREET

Contract No.	Sheet	Scale
210400118	68 of 89	1" = 20'
Revision	Drawing No.	
	CG-108	

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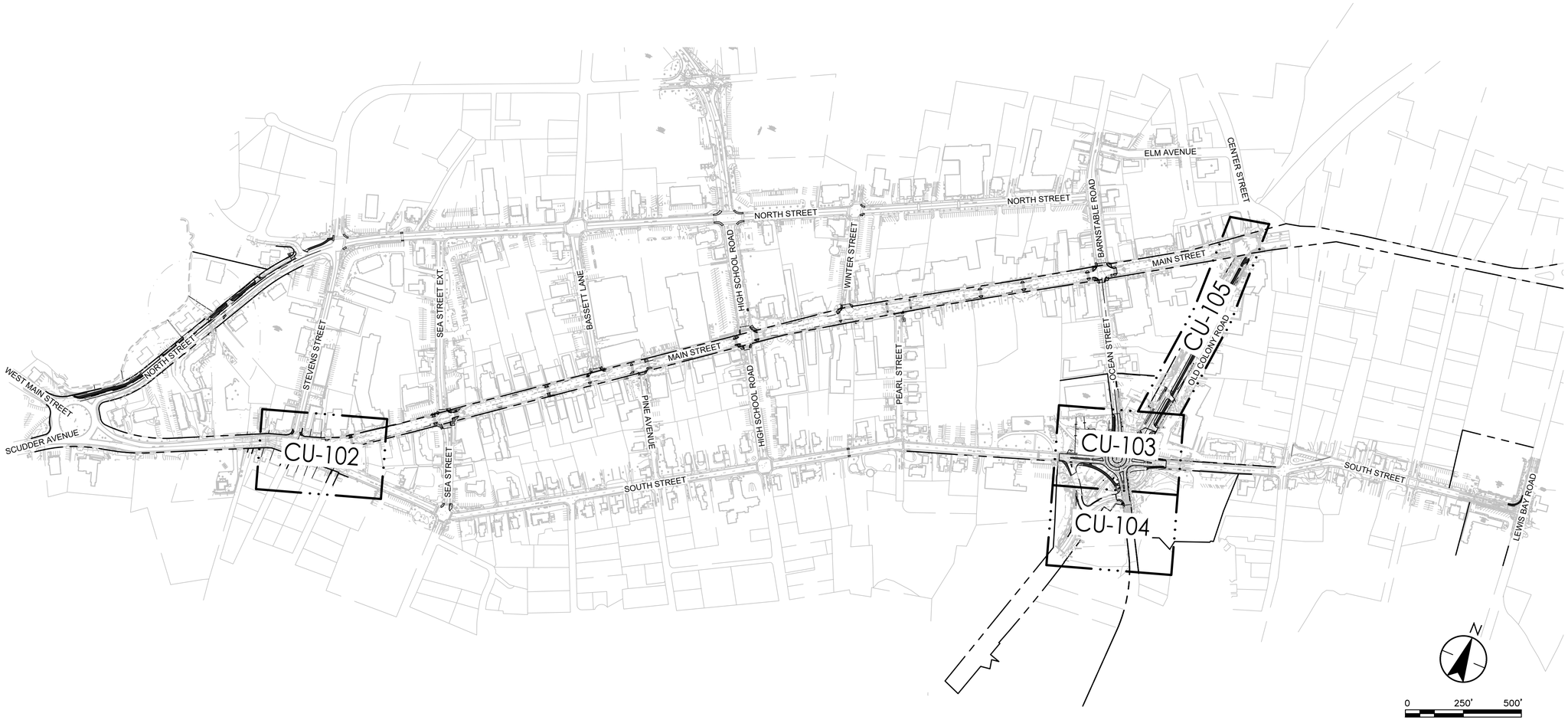

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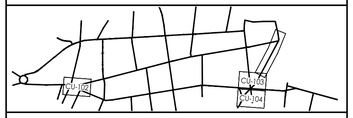

UTILITIES LEGEND

- PROPERTY LINE
- DRAINAGE PIPE
- DRAINAGE CATCH BASIN
- DRAINAGE MANHOLE
- LIGHT POST
- UTILITY POLE
- OE — OVERHEAD CABLING
- UGE — UNDERGROUND CONDUIT RUN
- HIGHWAY LIGHTING LOAD CENTER
- HANDHOLE - 13"X24"

UTILITIES SHEET NOTES

1. SEE SHEET G-002 FOR GENERAL PROJECT NOTES.
2. UTILITY POLE AND OVERHEAD CABLING RELOCATION IS INTENDED TO BE COMPLETED BY THE UTILITY PROVIDERS PRIOR TO THE EXECUTION OF THIS CONTRACT. IF UTILITY POLE AND OVERHEAD CABLING INSTALLATION SCHEDULE IS CONCURRENT WITH THIS CONTRACT, CONTRACTOR SHALL COORDINATE SCHEDULE OF WORK WITH THE LOCAL UTILITY PROVIDERS.

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
CIVIL
No. 54497
REGISTERED PROFESSIONAL ENGINEER
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CU-101

Dwn.	Dsgn.	Chkd.	YYYY.MM.DD
			2026-02-08

Title
OVERALL UTILITIES PLAN

Contract No.	Sheet	Scale
210400118	69 of 89	1" = 250'
Revision	Drawing No.	
	CU-101	

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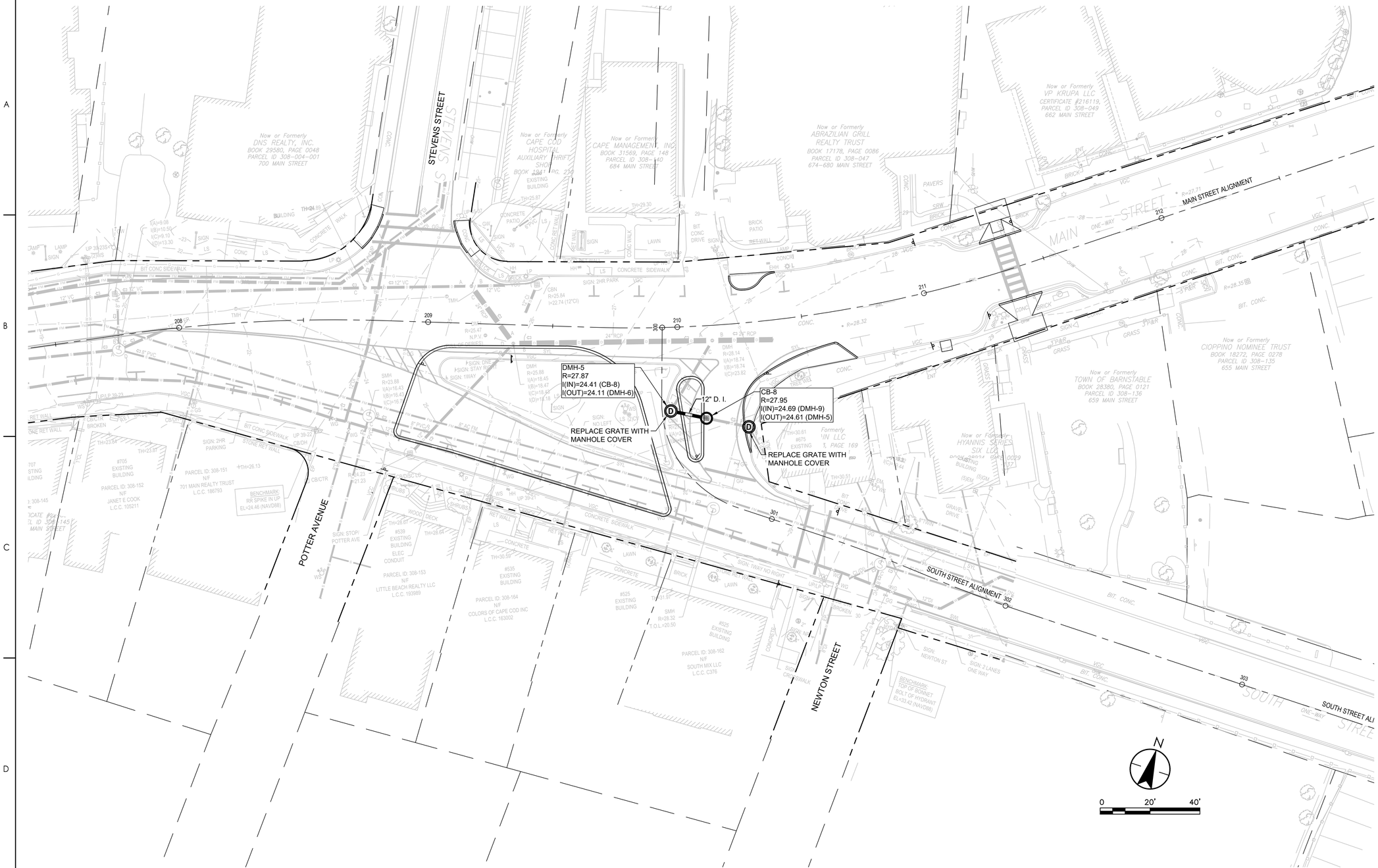
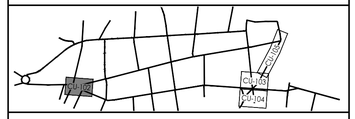


KEY PLAN



UTILITIES LEGEND

- PROPERTY LINE
- DRAINAGE PIPE
- DRAINAGE CATCH BASIN
- DRAINAGE MANHOLE
- LIGHT POST
- UTILITY POLE
- OE — OVERHEAD CABLING
- UGE — UNDERGROUND CONDUIT RUN
- HLC — HIGHWAY LIGHTING LOAD CENTER
- HANDHOLE - 13"X24"

UTILITIES SHEET NOTES

1. SEE SHEET G-002 FOR GENERAL PROJECT NOTES.
2. UTILITY POLE AND OVERHEAD CABLING RELOCATION IS INTENDED TO BE COMPLETED BY THE UTILITY PROVIDERS PRIOR TO THE EXECUTION OF THIS CONTRACT. IF UTILITY POLE AND OVERHEAD CABLING INSTALLATION SCHEDULE IS CONCURRENT WITH THIS CONTRACT, CONTRACTOR SHALL COORDINATE SCHEDULE OF WORK WITH THE LOCAL UTILITY PROVIDERS.

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
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2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CU-102 — Dwn. — Dsgn. — Chkd. — ---- — YYYY.MM.DD

Title
UTILITIES PLAN
MAIN ST. x SOUTH ST. INTERSECTION

Contract No.	Sheet	Scale
210400118	70 of 89	1" = 20'
Revision	Drawing No.	
	CU-102	

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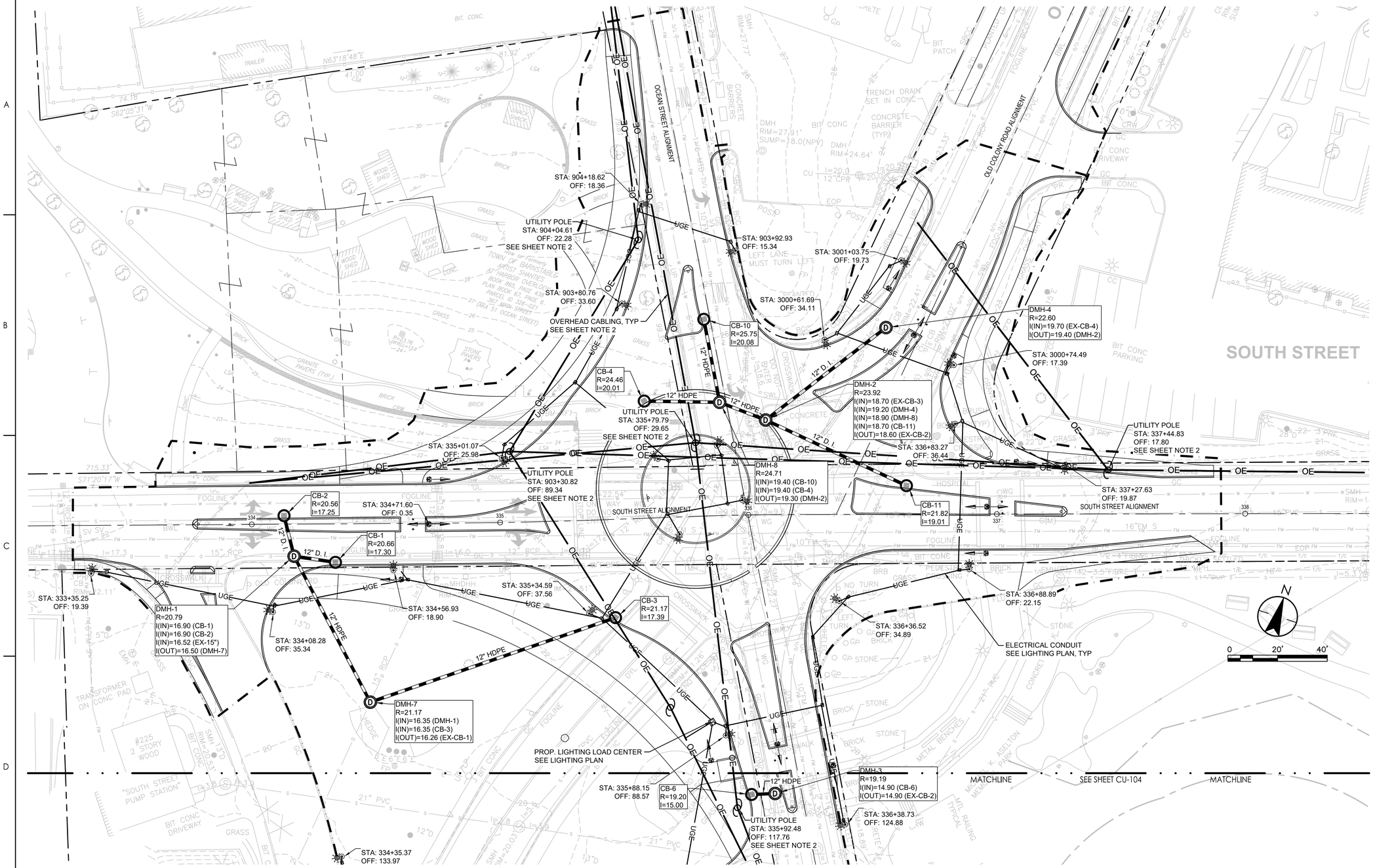
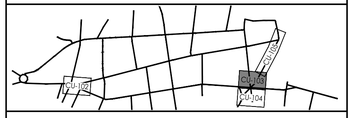


KEY PLAN



UTILITIES LEGEND

- PROPERTY LINE
- DRAINAGE PIPE
- DRAINAGE CATCH BASIN
- DRAINAGE MANHOLE
- LIGHT POST
- UTILITY POLE
- OE — OVERHEAD CABLING
- UGE — UNDERGROUND CONDUIT RUN
- LCH — HIGHWAY LIGHTING LOAD CENTER
- HANDHOLE - 13"X24"

UTILITIES SHEET NOTES

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BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

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COMMONWEALTH OF MASSACHUSETTS
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CU-102 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD: ---

Title
UTILITIES PLAN
SIX-POINTS ROUNDABOUT

Contract No.	Sheet	Scale
210400118	71 of 89	1" = 20'

Revision — Drawing No. CU-103

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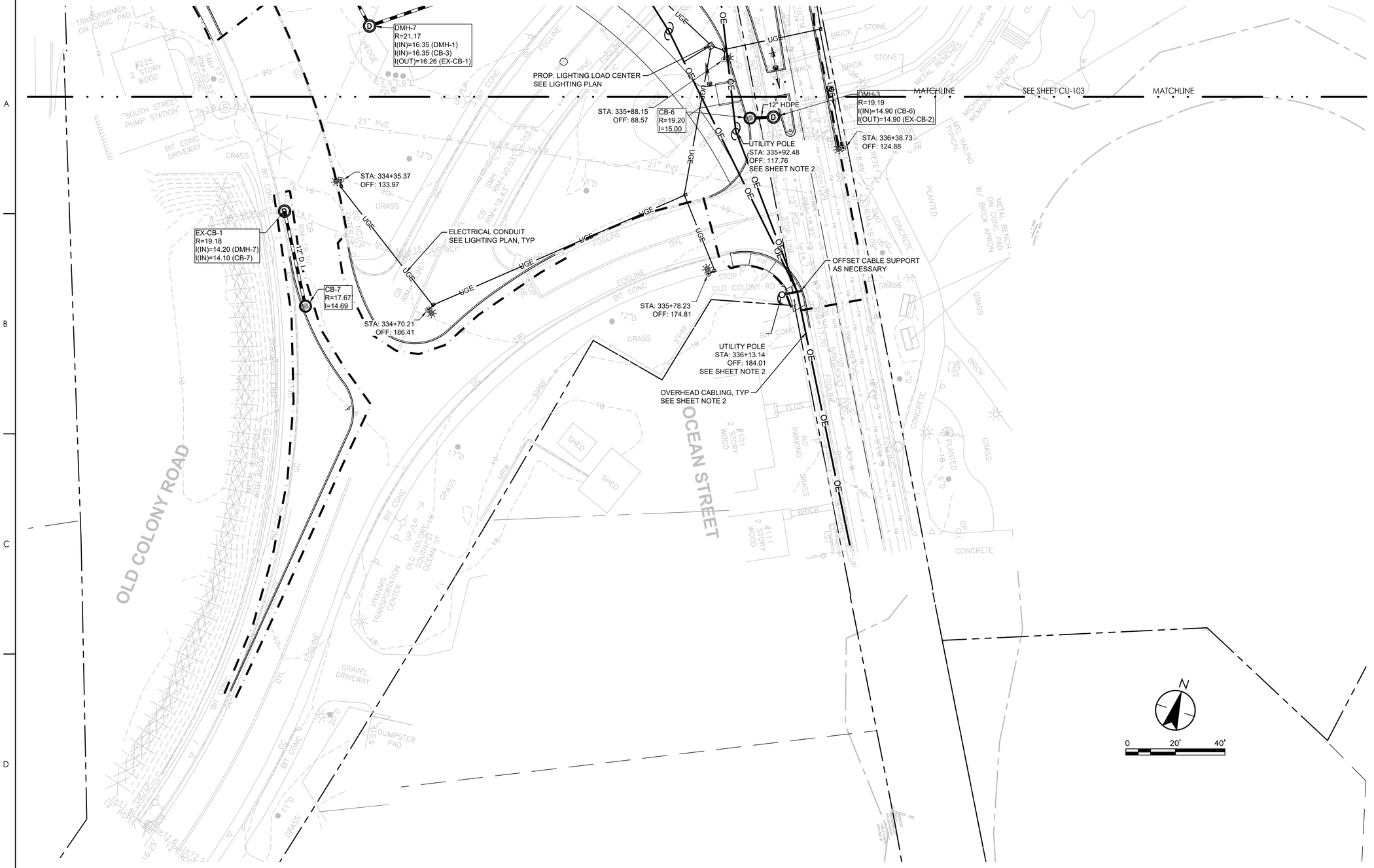
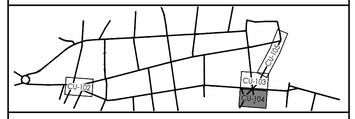


KEY PLAN



UTILITIES LEGEND

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UTILITIES SHEET NOTES

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Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

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COMMONWEALTH OF MASSACHUSETTS
2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CU-102

Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Title
UTILITIES PLAN
SIX-POINTS ROUNDABOUT

Contract No.	Sheet	Scale
210400118	72 of 89	1" = 20'

Revision | Drawing No.
CU-104

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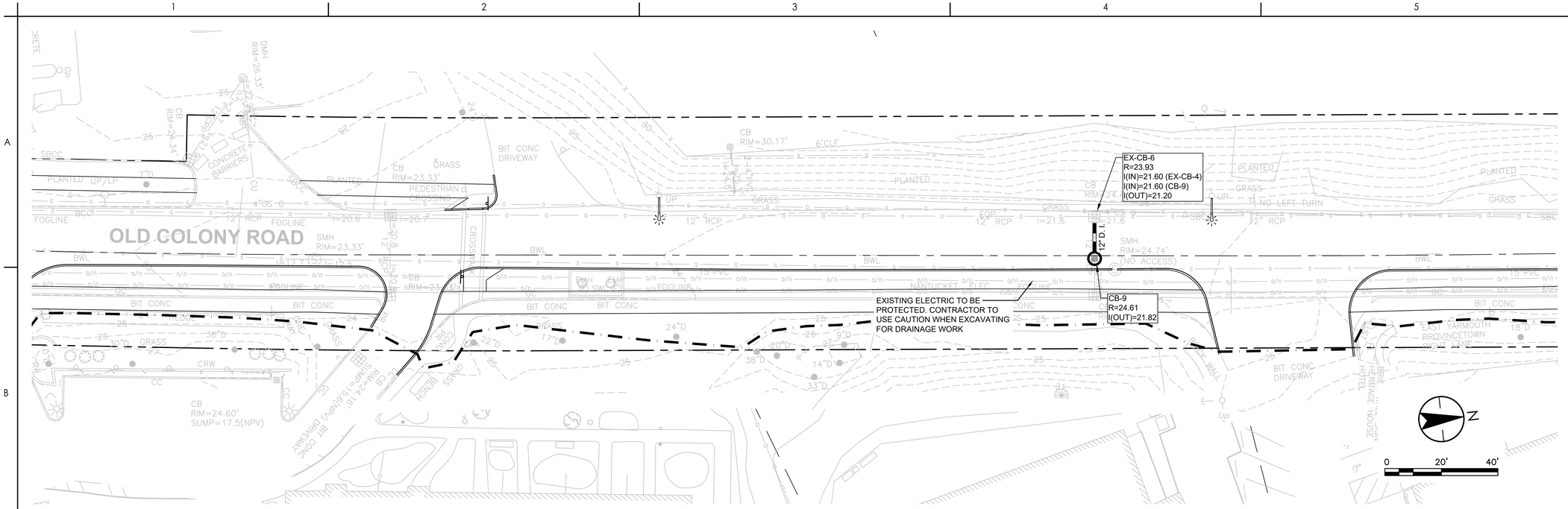
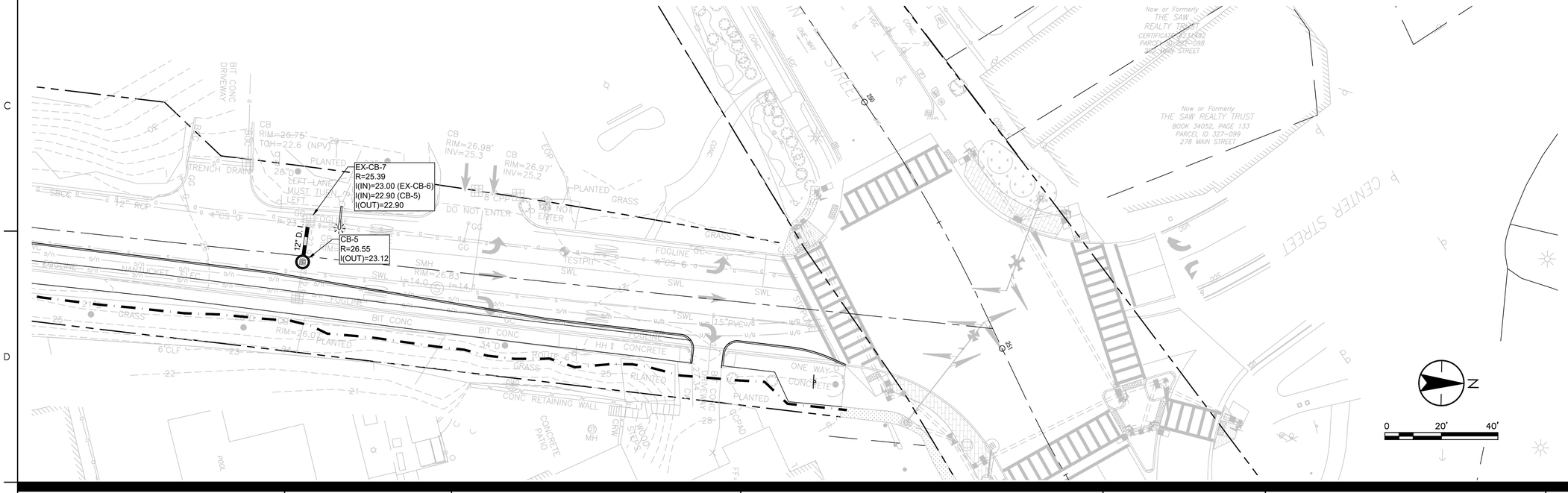
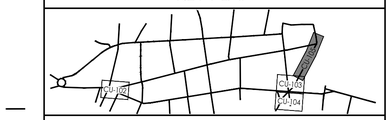




KEY PLAN



UTILITIES LEGEND

- PROPERTY LINE
- DRAINAGE PIPE
- DRAINAGE CATCH BASIN
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UTILITIES SHEET NOTES

1. SEE SHEET G-002 FOR GENERAL PROJECT NOTES.
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BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
GEORGE P. RYAN
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2/10/2026

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CU-102

Dwn. Dsgn. Chkd. YYYY.MM.DD

Title
UTILITIES PLAN
SOUTH ST. x LOUIS BAY RD. INTERSECTION

Contract No.	Sheet	Scale
210400118	73 of 89	1" = 20'
Revision	Drawing No.	
	CU-105	

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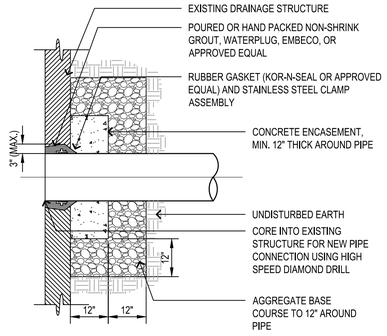
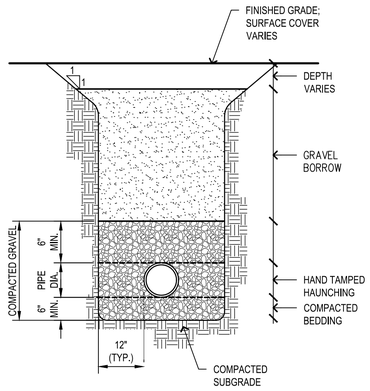


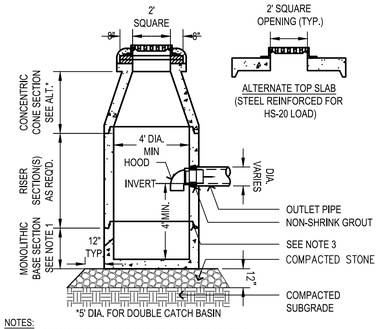
1 EXISTING STRUCTURE CONNECTION

SCALE: NTS



2 UTILITY TRENCH

SCALE: NTS

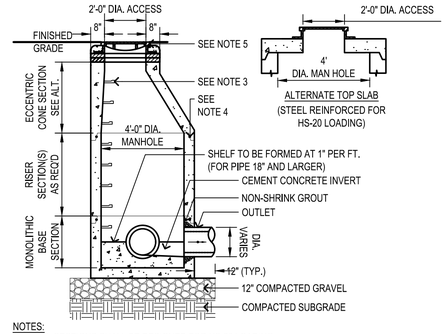


NOTES:

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. PROVIDE "V" KNOCKOUTS FOR PIPES WITH 1" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
3. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
4. CATCH BASIN FRAME SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR. (2 BRICK COURSES 6" MIN. 5 BRICK COURSES MAX.).
5. CASCADE GRATES SHALL BE INSTALLED AT ALL LOCATIONS WHERE THE SLOPE ALONG THE CURB OR GUTTER EXCEEDS 3%, AS MANUFACTURED BY EJ PRESCOTT OR APPROVED EQUAL

3 CATCH BASIN

SCALE: NTS



NOTES:

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. PROVIDE "V" KNOCKOUTS FOR PIPES WITH 1" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
3. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. DRAIN MANHOLE FRAME SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES MINIMUM 5 BRICK COURSES MAXIMUM).

4 DRAIN MANHOLE

SCALE: NTS

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD



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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_CU-501 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD: ---

Title
UTILITIES DETAILS

Contract No.	Sheet	Scale
210400118	74 of 89	AS NOTED
Revision	Drawing No.	
	CU-501	

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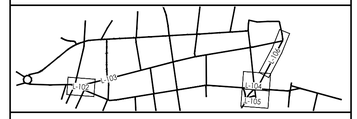
ORIGINAL SHEET - ANSI D

PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
DECIDUOUS TREES				
AO	7	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	3-3.5" CAL.
QR	2	QUERCUS RUBRA	NORTHERN RED OAK	3-3.5" CAL.
TA	2	TILIA AMERICANA	AMERICAN LINDEN	3-3.5" CAL.
EVERGREEN SHRUBS				
II3	30	ILEX GLABRA `COMPACTA`	COMPACT INKBERRY	#5 POT
GROUND COVERS				
AM	46	ACHILLEA MILLEFOLIUM	COMMON YARROW	#1 POT
AN	46	ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	#1 POT
EP	34	ECHINACEA PURPUREA	CONEFLOWER	#2 POT
PV	58	PANICUM VIRGATUM	SWITCH GRASS	#1 POT





LANDSCAPE LEGEND

- PROPERTY LINE
- LIMIT OF LANDSCAPING SCOPE
- EXISTING TREE TO BE PROTECTED
- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN SHRUB
- GROUNDCOVER
- LOAM AND SEED OR SOD

LANDSCAPE SHEET NOTES

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Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

MASSACHUSETTS DYLAN STEVENS 41195 REGISTERED LANDSCAPE ARCHITECT

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project

THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_L-101 | Dwn. | Dsgn. | Chkd. | 2026-02-08 YYYY.MM.DD

Title

OVERALL LANDSCAPE PLAN

Contract No.	Sheet	Scale
210400118	75 of 89	1" = 250'
Revision	Drawing No.	
	L-101	

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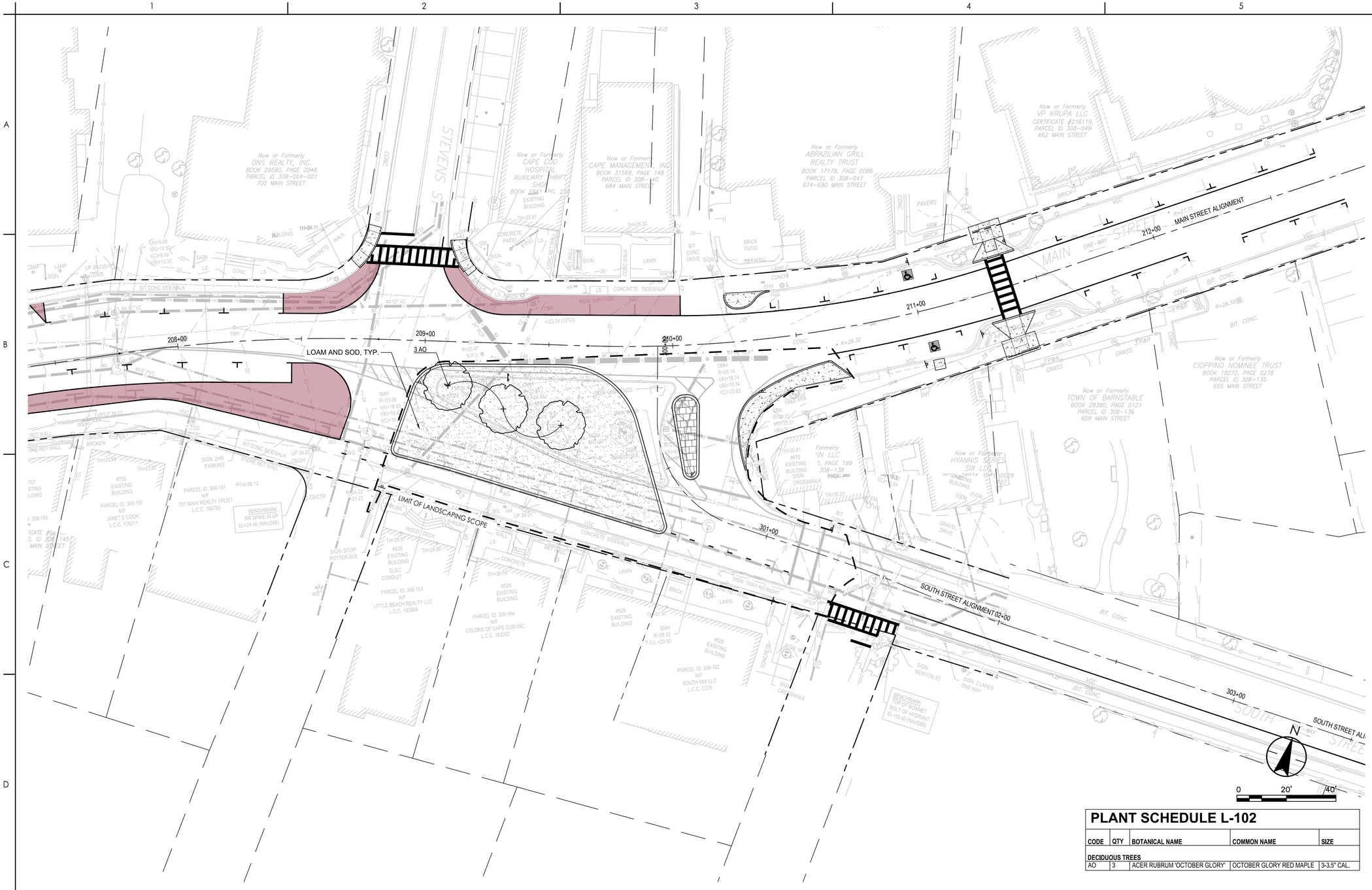
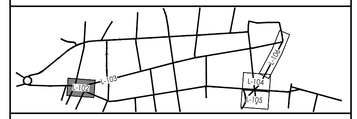


KEY PLAN



LANDSCAPE LEGEND

- PROPERTY LINE
- LIMIT OF LANDSCAPING SCOPE
- EXISTING TREE TO BE PROTECTED
- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN SHRUB
- GROUNDCOVER
- LOAM AND SEED OR SOD

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PLANT SCHEDULE L-102

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
DECIDUOUS TREES				
AO	3	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	3-3.5" CAL.

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
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75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS · DYLAN STEVENS · REGISTERED LANDSCAPE ARCHITECT · NO. 4199

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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project

THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_L-102 | Dwn. | Dsgn. | Chkd. | 2026-02-08 YYYY.MM.DD

Title

LANDSCAPE PLAN
MAIN ST. x SOUTH ST. INTERSECTION

Contract No.	Sheet	Scale
210400118	76 of 89	1" = 20'
Revision	Drawing No.	
	L-102	

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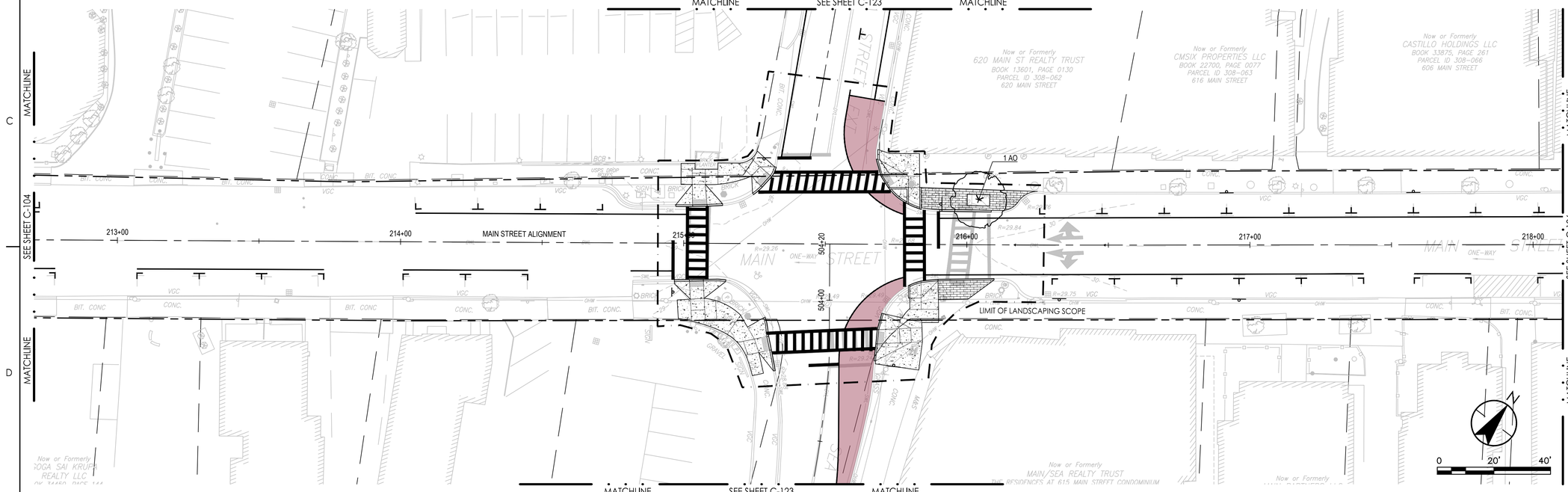

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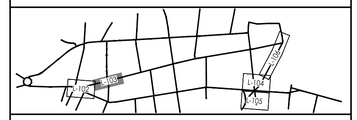

LANDSCAPE LEGEND

- PROPERTY LINE
- LIMIT OF LANDSCAPING SCOPE
- EXISTING TREE TO BE PROTECTED
- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN SHRUB
- GROUNDCOVER
- LOAM AND SEED OR SOD

PLANT SCHEDULE L103

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
DECIDUOUS TREES				
AO	1	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	3-3.5" CAL.

LANDSCAPE SHEET NOTES

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75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS · DYLAN STEVENS · REGISTERED · NO. 4199 · LANDSCAPE ARCHITECT

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Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_L-102 | Dwn. | Dsgn. | Chkd. | 2026-02-08 YYYY.MM.DD

Title
LANDSCAPE PLAN
MAIN ST. x SEA ST. INTERSECTION

Contract No.	Sheet	Scale
210400118	77 of 89	1" = 20'
Revision	Drawing No.	
	L-103	

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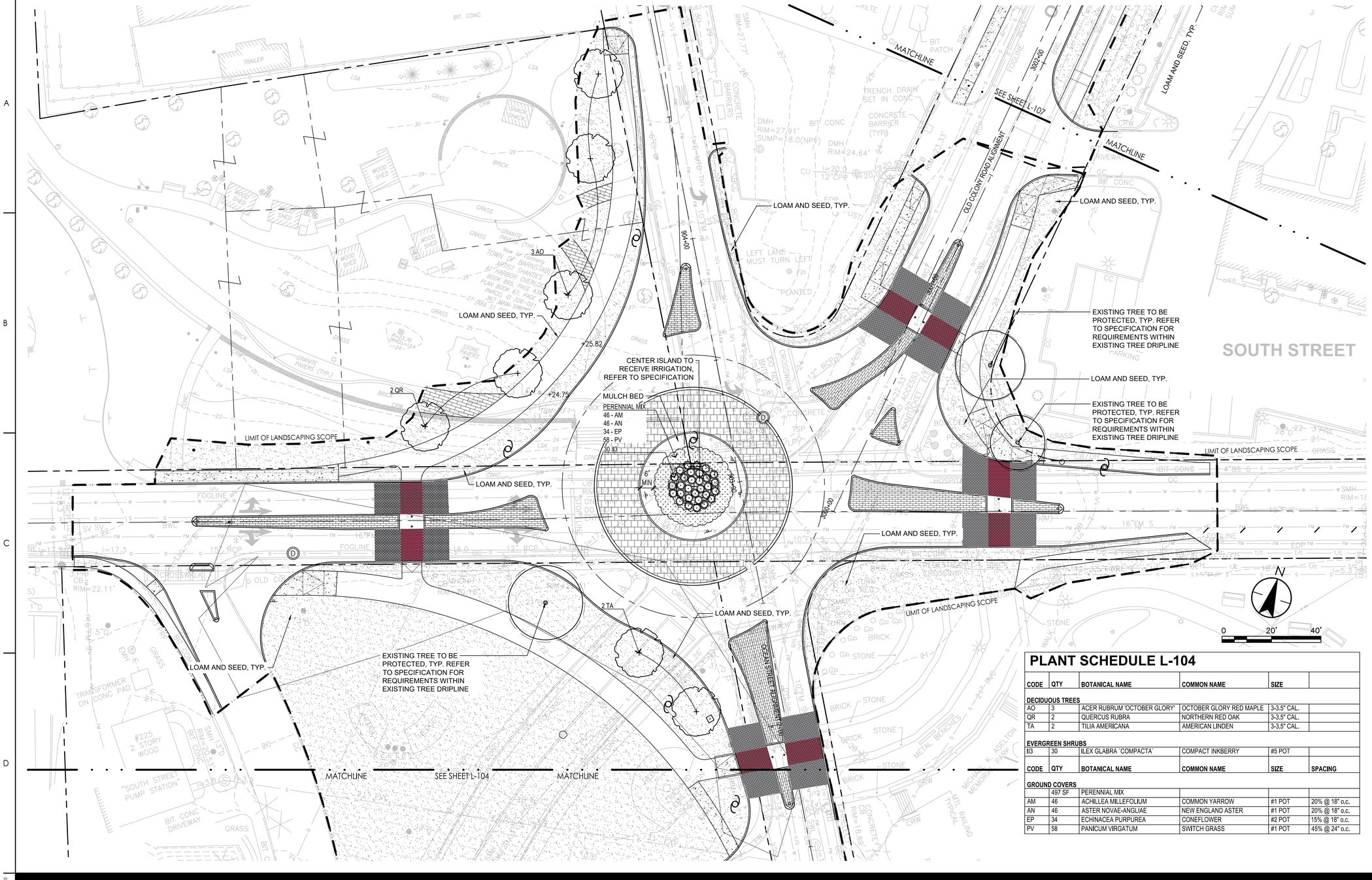

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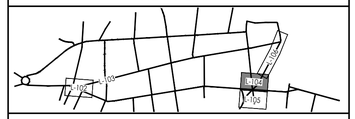

LANDSCAPE LEGEND

- PROPERTY LINE
- LIMIT OF LANDSCAPING SCOPE
- EXISTING TREE TO BE PROTECTED
- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN SHRUB
- GROUNDCOVER
- LOAM AND SEED OR SOD

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PLANT SCHEDULE L-104

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	
DECIDUOUS TREES					
AO	3	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	3-3.5" CAL.	
QR	2	QUERCUS RUBRA	NORTHERN RED OAK	3-3.5" CAL.	
TA	2	TILIA AMERICANA	AMERICAN LINDEN	3-3.5" CAL.	
EVERGREEN SHRUBS					
II3	30	ILEX GLABRA 'COMPACTA'	COMPACT INKBERRY	#5 POT	
CODE	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	**SPACING**
GROUND COVERS					
	497 SF	PERENNIAL MIX			
AM	46	ACHILLEA MILLEFOLIUM	COMMON YARROW	#1 POT	20% @ 18" o.c.
AN	46	ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	#1 POT	20% @ 18" o.c.
EP	34	ECHINACEA PURPUREA	CONEFLOWER	#2 POT	15% @ 18" o.c.
PV	58	PANICUM VIRGATUM	SWITCH GRASS	#1 POT	45% @ 24" o.c.

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
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25% DESIGN	AMJ	GPR	2024.11.22
Issued	**By**	**Appd**	**YYYY.MM.DD**

MASSACHUSETTS DYLAN STEVENS REGISTERED NO. 4198 LANDSCAPE ARCHITECT

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1899

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_L-102 | Dwn. | Dsgn. | Chkd. | 2026-02-08 YYYY.MM.DD

Title
LANDSCAPE PLAN
SIX-POINTS ROUNDABOUT

Contract No.	Sheet	Scale
210400118	78 of 89	1" = 20'
Revision	Drawing No.	
	L-104	

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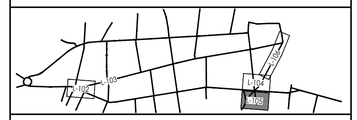
ORIGINAL SHEET - ANSI D



KEY PLAN



LANDSCAPE LEGEND

- PROPERTY LINE
- LIMIT OF LANDSCAPING SCOPE
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Client/Project Logo

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Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_L-102 — Dwn. — Dsgn. — Chkd. — 2026-02-08 YYYY.MM.DD

Title
LANDSCAPE PLAN
SIX-POINTS ROUNDABOUT

Contract No.	Sheet	Scale
210400118	79 of 89	1" = 20'

Revision — Drawing No. L-105

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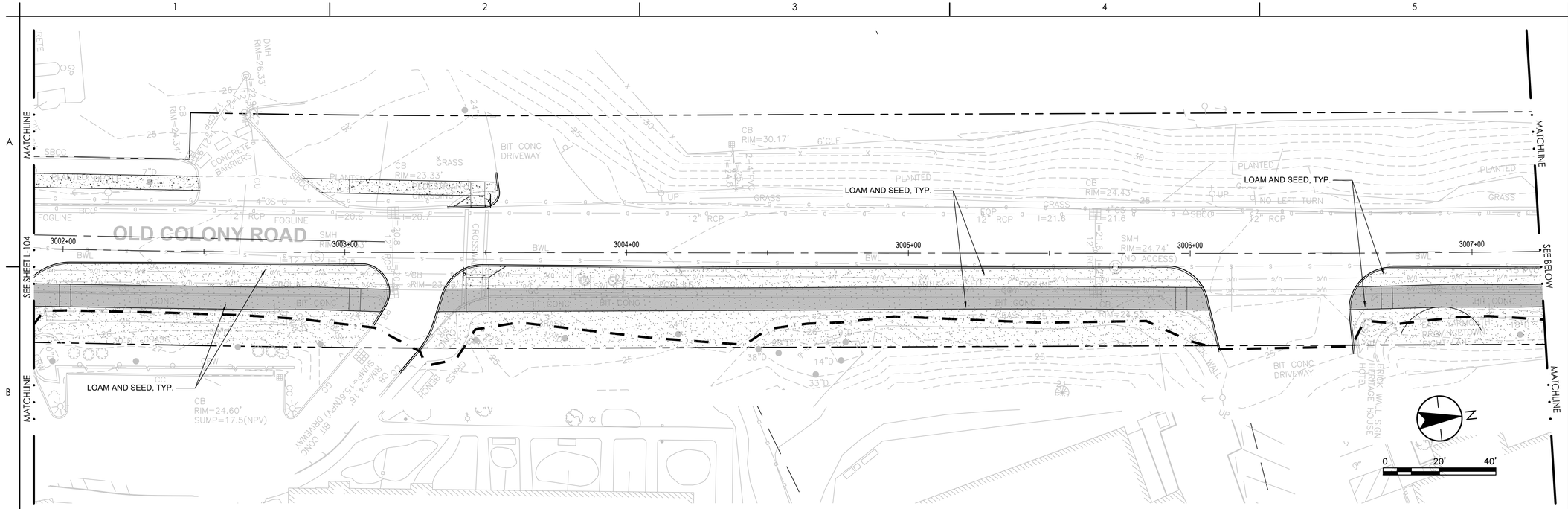
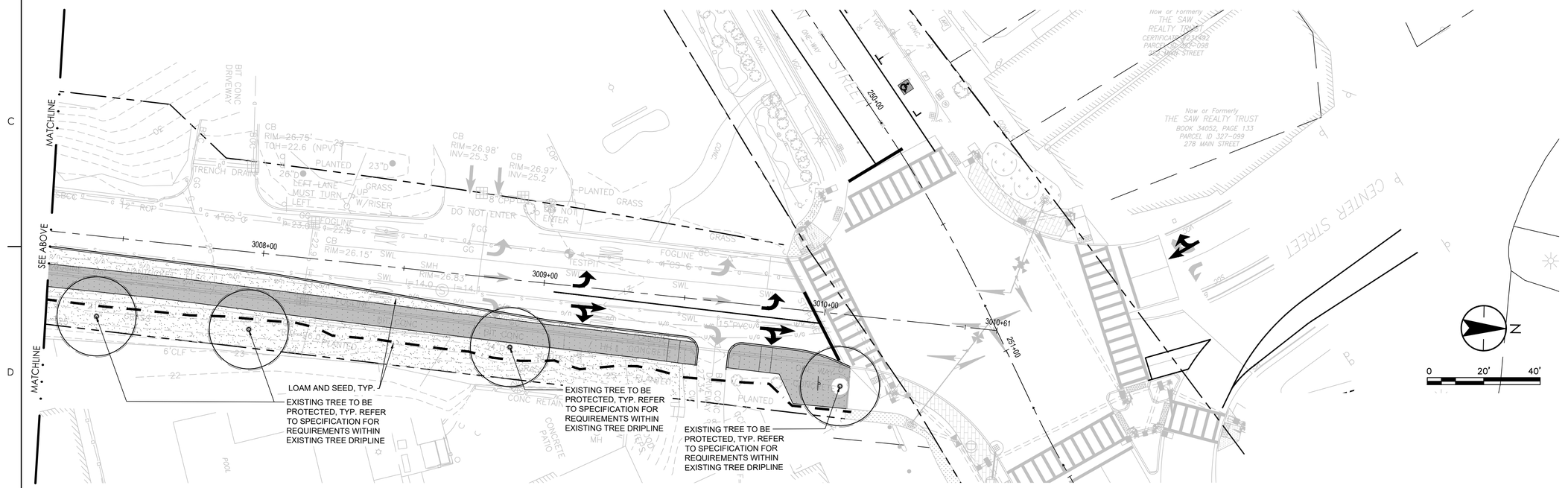
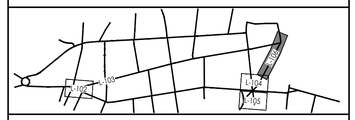




KEY PLAN



LANDSCAPE LEGEND

- PROPERTY LINE
- LIMIT OF LANDSCAPING SCOPE
- EXISTING TREE TO BE PROTECTED
- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN SHRUB
- GROUNDCOVER
- LOAM AND SEED OR SOD

LANDSCAPE SHEET NOTES

1. CONTRACTOR SHALL BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND WILL CONTINUE UNTIL FINAL WRITTEN ACCEPTANCE OF PLANT MATERIAL.
2. CONTRACTOR SHALL VERIFY ALL TREE REMOVALS AND/OR TRANSPLANTS WITH OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION START.
3. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS, STRUCTURES, AND PLANTING BEDS.
4. MAXIMUM SLOPE WITHIN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
5. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE ALL PLANTINGS SHOWN ON THIS DRAWING.
6. ALL MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
7. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISH GRADE AS TO ORIGINAL GRADES BEFORE DIGGING.
8. ALL PLANTS TO BE BALLED IN BURLAP OR CONTAINERIZED.
9. MULCH FOR PLANTED AREAS TO BE AGED PINE BARK: PARTIALLY DECOMPOSED, DARK BROWN IN COLOR AND FREE OF WOOD CHIPS THICKER THAN 1/4 INCH.
10. PLANTING SOIL MIX: LOAM THOROUGHLY INCORPORATED WITH ROTTED MANURE PROPORTIONED 5 C.Y. TO 1 C.Y. OR EQUIVALENT. FERTILIZER ADDED PER RECOMMENDED RATES OF SOILS ANALYSIS.
11. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE.
12. ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT, AT THE NURSERY, AND AT THE SITE.
13. ALL AREAS OF THE SITE WHICH HAVE BEEN DISTURBED AND NOT OTHERWISE DEVELOPED SHALL BE LOAMED AND SEEDED WITH A MINIMUM DEPTH OF 6" DEPTH TOPSOIL.

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

MASSACHUSETTS DYLAN STEVENS REGISTERED LANDSCAPE ARCHITECT NO. 4198

Stantec

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1989

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_L-102 — Dwn. — Dsgn. — Chkd. — 2026-02-08 YYYY.MM.DD

Title
LANDSCAPE PLAN
OLD COLONY ROAD
CENTER STREET

Contract No.	Sheet	Scale
210400118	80 of 89	1" = 20'
Revision	Drawing No.	
	L-106	

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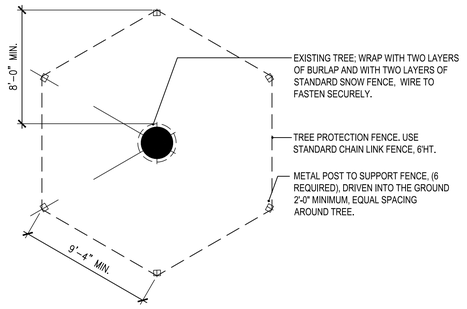
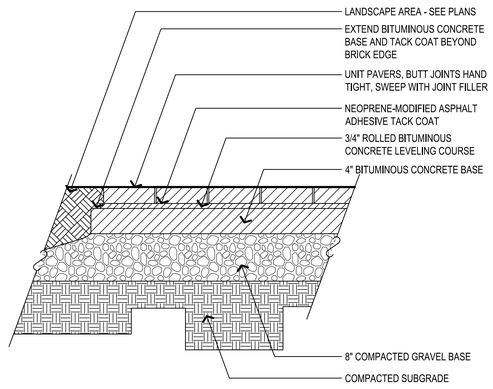
ORIGINAL SHEET - ANSI D



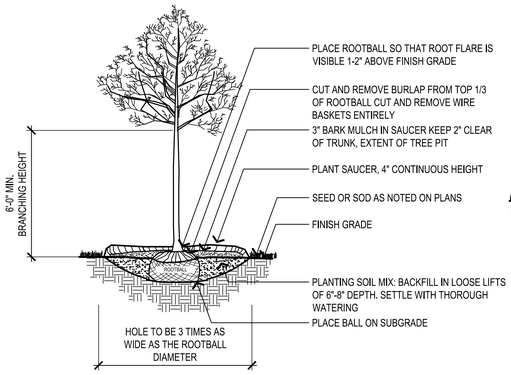
1 EXISTING TREE PROTECTION

3/16" = 1'-0" BC2104-00118-08



2 UNIT PAVERS ON BITUMINOUS CONCRETE BASE

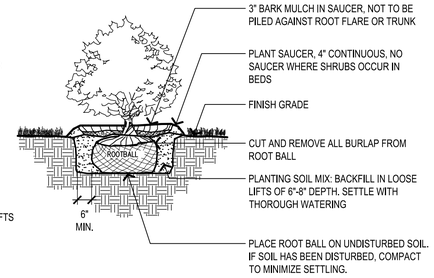
1" = 1'-0" BC2104-00118-04



NOTE:
1. TREE SHALL BEAR SAME RELATIONSHIP TO FINISHED GRADE AS IT BORE TO NURSERY OR FIELD GRADE.
2. ALONG OLD COLONY ROAD PROVIDE CONTINUOUS PLANTING BED WITH ROOTBALL DEPTH PLANTING LOAM.

3 DECIDUOUS TREE PLANTING

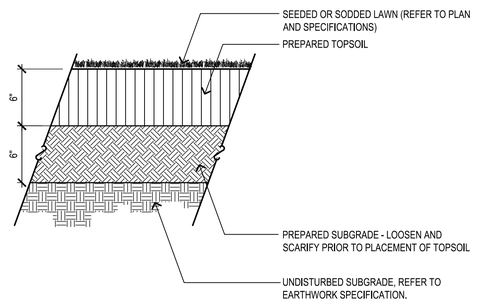
1/4" = 1'-0" BC2104-00118-01



NOTES:
1. SHRUB SHALL BEAR SAME RELATIONSHIP TO FINISHED GRADE AS IT BORE TO NURSERY OR FIELD GRADE.
2. WHERE SHRUBS OCCUR IN GROUPINGS IN PLANT BEDS, PROVIDE 2 - FOOT DEEP CONTINUOUS LOAM BED.

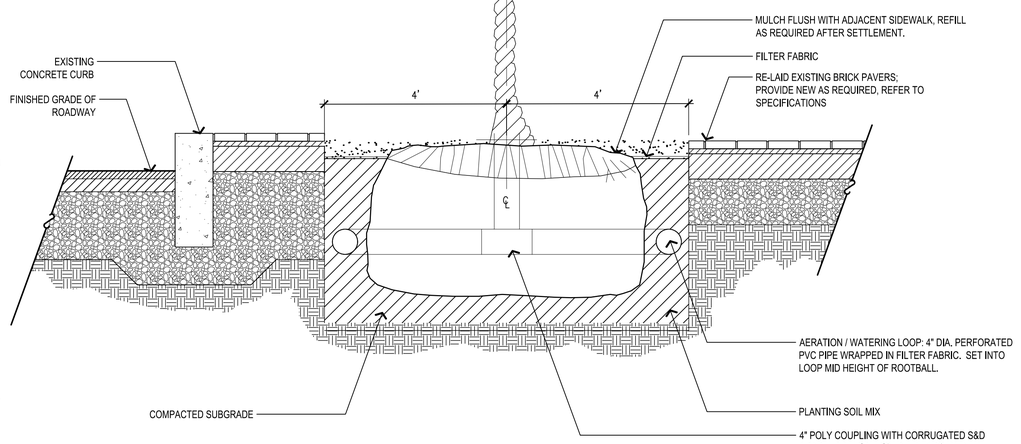
6 SHRUB PLANTING

3/8" = 1'-0" BC2104-00118-05



4 LOAM AND SEED OR SOD PLANTING

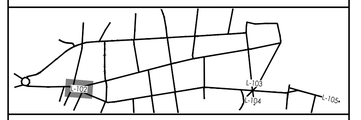
1 1/2" = 1'-0" BC2104-00118-10



5 TYPICAL TREE PIT PLANTING

1" = 1'-0" BC2104-00118-11

KEY PLAN



LANDSCAPE LEGEND

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- LIMIT OF LANDSCAPING SCOPE
- EXISTING TREE TO BE PROTECTED
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Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS — DYLAN STEVENS — REGISTERED LANDSCAPE ARCHITECT — NO. 4199

Stantec
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1989

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_L-501 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD ----

Title
LANDSCAPE DETAILS
MAIN ST. x SOUTH ST. INTERSECTION

Contract No.	Sheet	Scale
210400118	81 of 89	1" = 20'
Revision	Drawing No.	
	L-501	

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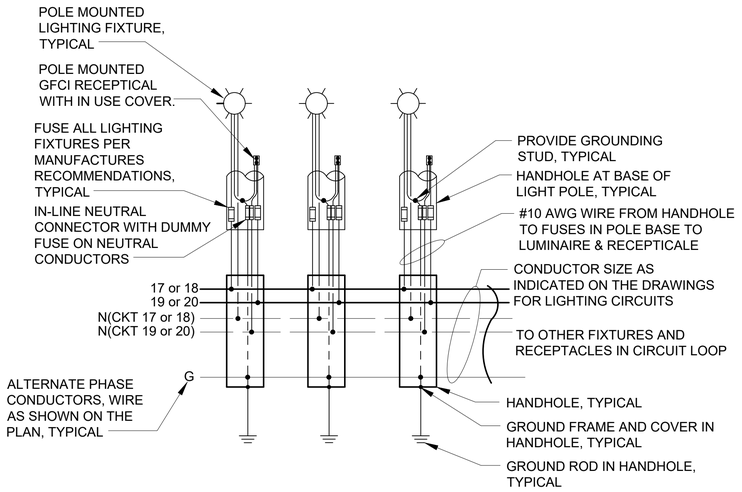
ORIGINAL SHEET - ANSI D

ABBREVIATIONS:

A	AMPERES
AFG	ABOVE FINISHED GRADE
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CIRCULAR MIL
FBO	FURNISHED BY OTHERS
Fc	FOOT CANDLES
GAL	GALVANIZED
GND	GROUND
GFI	GROUND FAULT INTERRUPTER
IESNA	ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA
KVA	KILO VOLT AMPERES
LL	"L" LEFT
LT	LIQUID TIGHT FLEXIBLE METAL CONDUIT
LTG	LIGHTING
NIC	NOT IN CONTRACT
PVC	POLYVINYL CHLORIDE
RCPT	RECEPTACLE
RGS	RIGID GALVANIZED STEEL
RNC	RIGID NON-METALLIC CONDUIT
RT	RAIN TIGHT
SCH	SCHEDULE
SW	SIDEWALK
UF	UNFUSED
V	VOLTS
W	WATTS
WP	WEATHERPROOF

GENERAL NOTES:

1. CONDUIT RUNS ARE DIAGRAMMATIC. COORDINATE CONDUIT RUNS WITH ALL OTHER EXISTING OR PROPOSED UNDERGROUND UTILITIES AND STRUCTURES.
2. PRIOR TO THE INSTALLATION OF PROPOSED LIGHTING, THE CONTRACTOR SHALL EXCAVATE TEST PITS AT LOCATIONS OF UTILITY CROSSINGS TO VERIFY DEPTHS AND LOCATIONS OF EXISTING PIPES, CONDUITS OR OTHER FACILITIES AND AS REQUIRED BY THE ENGINEER. WORK SHALL BE PAID FOR UNDER ITEM 141.1 TEST PIT FOR EXPLORATION.
3. COORDINATE ELECTRIC SERVICE WITH ELECTRIC UTILITY COMPANY (EVERSOURCE). ALL WORK ASSOCIATED WITH THE ELECTRIC SERVICE MUST BE COMPLETED IN ACCORDANCE WITH ELECTRIC COMPANY STANDARDS.
4. ALL UTILITY BACK CHARGES ARE THE RESPONSIBILITY OF THE CONTRACTOR FOR ALL WORK PERTAINING TO THIS PROJECT. COORDINATE ALL PERMANENT AND TEMPORARY POWER WITH THE UTILITY.
5. ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED FOR ITS INTENDED USE.
6. PROVIDE GROUND CONDUCTOR IN EACH ELECTRICAL RACEWAY IN ACCORDANCE WITH THE CODE.
7. THE HOT LINE AND NEUTRAL CONDUCTORS IN THE POLE HANDHOLE SHALL HAVE AN APPROVED STREET LIGHT FUSE CONNECTOR.
8. ALL CONDUCTORS SHALL BE XHHW-2 WITH XLP JACKET.

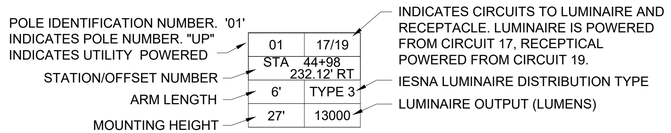


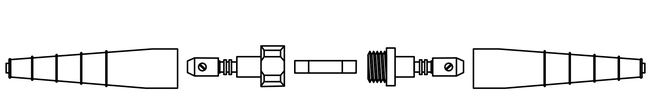
TYPICAL LIGHT POLE CIRCUITING ONE-LINE DIAGRAM

LIGHT POLE WIRING

NOT TO SCALE

LUMINAIRE INFORMATION BOX



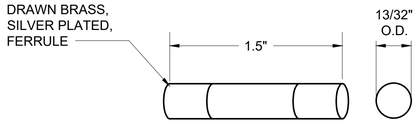


RATING: 600 VOLTS - 20 AMPS.	
FUSE SIZE: 1 1/2" x 13/32" O.D. - FERRULE 3/8"	
CONNECTOR SIZE: 8 1/2" x 7/8" O.D.	
CONNECTOR TYPE:	FUSE - QUICK DISCONNECT SET SCREW TYPE CONNECTION
CONNECTOR MATERIAL:	MOLDED PLASTIC BODY WITH RUBBER INSULATING BOOTS.
CONDUCTOR SIZE:	LINE AND LOAD #2 AWG THROUGH #12 AWG
REQUIRED FEATURES:	WATERTIGHT NO TAPING OR SEALANT REQUIRED
-FUSE HELD IN LOAD SIDE WHEN CONNECTOR IS DISCONNECTED. AASHTO COMPLIENT BREAKAWAY FUSE HOLDER. -PROVIDE APPROVED FUSE HOLDER WITH "DUMMY" ROD BLANK FUSE FOR NEUTRALS	

FUSE HELD IN LOAD SIDE WHEN CONNECTOR IS DISCONNECTED.

STRAIGHT THRU CONNECTOR

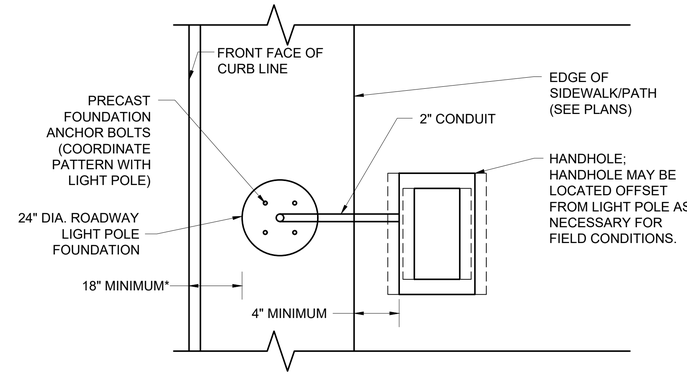
NOT TO SCALE



SIZE: MIDGET
TYPE: CURRENT LIMITING FUSE
VOLTAGE RATING: 120/240 VOLTS
USE: PROTECTION OF AREA LIGHTING EQUIPMENT

FUSES

NOT TO SCALE



LAYOUT 'STREETSIDE'
(FOR ROADWAY LIGHT POLE)

* IDEAL OFFSET FROM CURB EDGE IS 18" MINIMUM. ANY DEVIATIONS SHALL BE APPROVED BY THE ENGINEER. SOME LOCATIONS MAY REQUIRE LESS DUE TO UTILITY CONFLICT OR SIDEWALK CLEARANCE

TYPICAL LIGHT POLE AND PULLBOX LAYOUT DETAILS

NOT TO SCALE

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
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25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
PETER J. VASILIOU
CIVIL
NO. 41591
PROFESSIONAL ENGINEER

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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_E-003 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
LIGHTING DETAILS

Contract No.	Sheet	Scale
210400118	82 of 89	Not to Scale
Revision	Drawing No.	
	E-003	

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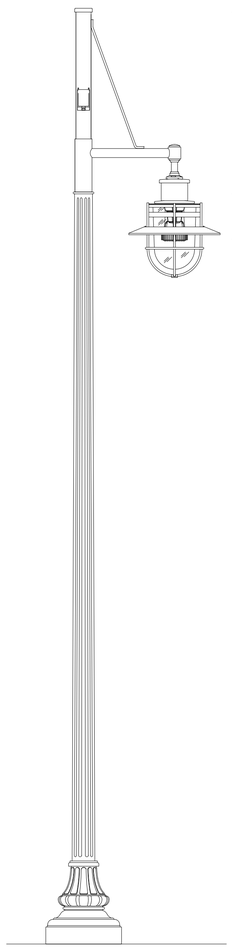
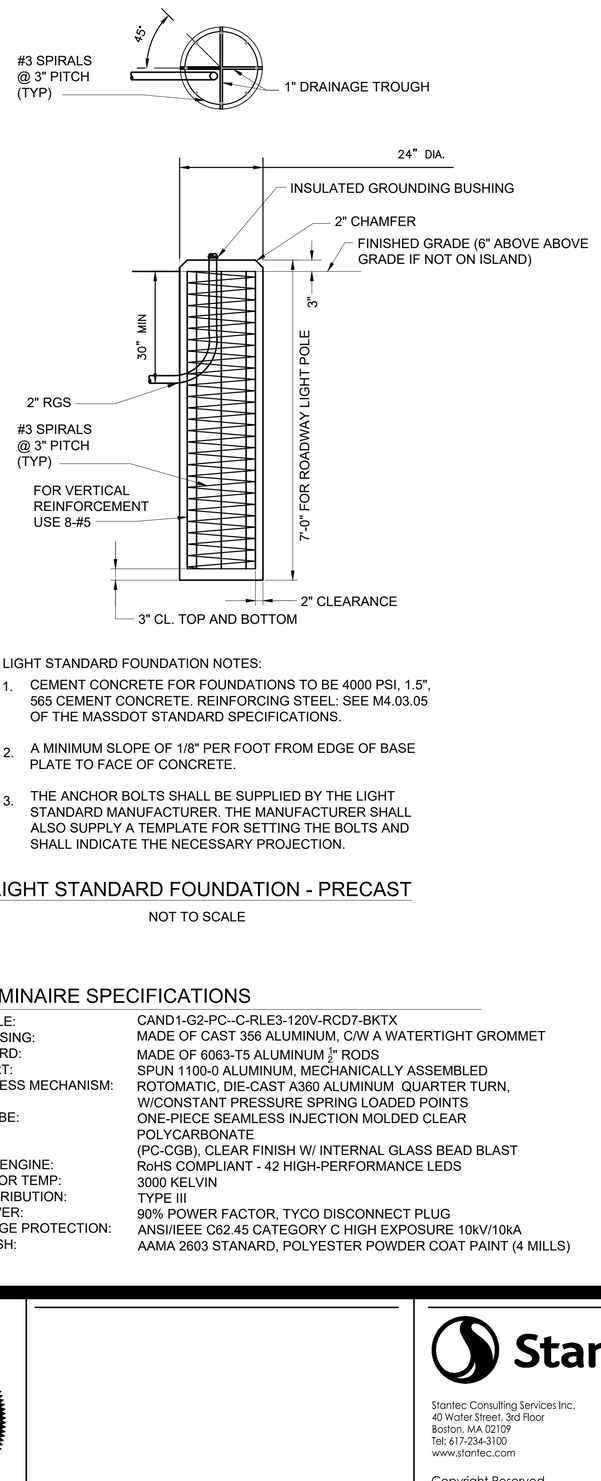
ORIGINAL SHEET - ANSI D



LIGHT POLE



LIGHT STANDARD FOUNDATION NOTES:

1. CEMENT CONCRETE FOR FOUNDATIONS TO BE 4000 PSI, 1.5", 565 CEMENT CONCRETE. REINFORCING STEEL: SEE M4.03.05 OF THE MASSDOT STANDARD SPECIFICATIONS.
2. A MINIMUM SLOPE OF 1/8" PER FOOT FROM EDGE OF BASE PLATE TO FACE OF CONCRETE.
3. THE ANCHOR BOLTS SHALL BE SUPPLIED BY THE LIGHT STANDARD MANUFACTURER. THE MANUFACTURER SHALL ALSO SUPPLY A TEMPLATE FOR SETTING THE BOLTS AND SHALL INDICATE THE NECESSARY PROJECTION.

LIGHT STANDARD FOUNDATION - PRECAST

NOT TO SCALE

LUMINAIRE SPECIFICATIONS

STYLE:	CAND1-G2-PC--C-RLE3-120V-RCD7-BKTX
HOUSING:	MADE OF CAST 356 ALUMINUM, C/W A WATERTIGHT GROMMET
GUARD:	MADE OF 6063-T5 ALUMINUM $\frac{1}{2}$" RODS
SKIRT:	SPUN 1100-0 ALUMINUM, MECHANICALLY ASSEMBLED
ACCESS MECHANISM:	ROTOMATIC, DIE-CAST A360 ALUMINUM QUARTER TURN, W/CONSTANT PRESSURE SPRING LOADED POINTS
GLOBE:	ONE-PIECE SEAMLESS INJECTION MOLDED CLEAR POLYCARBONATE (PC-CGB), CLEAR FINISH W/ INTERNAL GLASS BEAD BLAST
LED ENGINE:	RoHS COMPLIANT - 42 HIGH-PERFORMANCE LEDS
COLOR TEMP:	3000 KELVIN
DISTRIBUTION:	TYPE III
DRIVER:	90% POWER FACTOR, TYCO DISCONNECT PLUG
SURGE PROTECTION:	ANSI/IEEE C62.45 CATEGORY C HIGH EXPOSURE 10kV/10kA
FINISH:	AAMA 2603 STANARD, POLYESTER POWDER COAT PAINT (4 MILLS)

PANELBOARD LC1-UNSWITCHED

UNSWITCHED LOADS ONLY

BUS: 120/240V, 1PH, 3W, 60HZ
MAIN LUGS ONLY : 100A
FEEDER SIZE: 3#2, 1#2-GND

SHORT CIRCUIT BRACING: 10-KAIC
CABINET: SURFACE
PANEL LOCATION: BARNSTABLE3 STA 204+02 LT

GROUND BAR

LOAD SERVED	HP	VA A	VA B	CKT. NO.	NEUTRAL	CKT. NO.	VA A	VA B	HP	LOAD SERVED
MAIN		-		1	100A A B	2	50			CONTROL CKT
MAIN			-	3	100A	4		180		GFI RECEPTACLE
SPARE		-		5	100A	6	-			SWITCHED LOAD CENTER (BELOW)
SPARE			-	7	100A	8		-		SWITCHED LOAD CENTER (BELOW)
SPARE		-		9		10	-			SPARE
SPACE			-	11		12		-		SPACE
SPACE		-		13		14	-			SPACE
SPACE			-	15		16		-		SPACE

PANELBOARD LC1-SWITCHED

SWITCHED LOADS ONLY

GROUND BAR

LOAD SERVED	HP	VA A	VA B	CKT. NO.	NEUTRAL A B	CKT. NO.	VA A	VA B	HP	LOAD SERVED
LUMINIARES - POLES 1, 3, 5, 7 & 9		355		17		18	285			LUMINAIRES - POLES 2, 4, 6 & 8
RECEPTACLES - POLES 1, 3, 5, 7 & 9			900	19		20		720		RECEPTACLES - POLES 2, 4, 6 & 8
LUMINAIRES - POLES 11, 13, 15, 17, 19 & 21		426		21		22	426			LUMINAIRES - POLES 10, 12, 14, 16, 18 & 20
RECEPTACLES - POLES 11, 13, 15, 17, 19, & 21			1080	23		24		1080		RECEPTACLES - POLES 10, 12, 14, 16, 18 & 20
LUMINAIRES - POLES 22, 23 &25		213		25		26	-			SPARE
RECEPTACLES - POLES 22, 23 & 24			540	27		28		-		SPACE
SPACE		-		29		30	-			SPACE
SPACE			-	31		32		-		SPACE

VA A: 1754 VA B: 4500
TOTAL CONNECTED LOAD: 6254

ALL BRANCH C/B: 20 AMP TRIP
UNLESS OTHERWISE NOTED

CROSS ARM SPECIFICATIONS

STYLE:	PC-1A-225deg-GFI-PRMA-BKTX-LMS49972N
DECORATIVE ELEMENT:	BENT DECORATIVE ALUMINUM ROD, 6063-T5 ALLOY, $\frac{1}{2}$" OUTSIDE DIAMETER
CENTRAL ADAPTOR:	ALUMINUM, SLIP-FITS 9" OVER 5" OUTSIDE DIAMETER
BRACKET OPTIONS:	BRACKET ORIENTED FROM ACCESS DOOR, GFI DUPLEX RECEPTICAL, W/ IN-USE COVER

LAMP POST SPECIFICATIONS

MODEL:	TYPE H Pole RA55E-16.5-BA-G-IP-PRMA-PS-PW-VPA-BKTX-LMS49972O
POLE SHAFT:	5" ROUND EXTRUDED 6061-T6 ALUMINUM TUBING. 0.170 WALL THICKNESS
PHOTOMETRIC CENTER:	15'6"
SHAFT TYPE:	ROUND TAPERED SMOOTH (RTS)
SHAFT MATERIAL:	GALVANIZED (G) ASTM A572 STEEL GRADE 50
ACCESSORY:	
FINISH	POWDER COAT BLACK TEXTURED FINISH (4 MILLS) (BKTX)
WIND SPEED	130 MPH
GUST FACTOR	1.3
GROUND PROVISIONS:	DRILL AND TAP INSIDE WALL OF BASE OPPOSITE ACCESS DOOR TO ACCOMMODATE A 1/4"-20 GROUND STUD (STUD BY OTHERS)
ANCHOR BOLTS:	(4) 3/4" DIA. X 24"
BOLT CIRCLE:	12"
BREAKAWAY COUPLINGS:	AASHTO OMNI-DIRECTIONAL
POLE OPTIONS:	(BA) TWO-WAY (180DEG), SINGLE ARM WITH EYELET, (G) GALVINIZATION (IP) INNER WALL W/PRIMER, (PS) TWO-WAY PLANT SUPPORT, (PW) SEPARATE WIRES FOR FIXTURE AND RECEPTCAL, (VPA) VANDAL PROOF FASTENERS.

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

ORIGINAL SHEET - ANSI D

COMMONWEALTH OF MASSACHUSETTS
PETER J. VASILIOU
CIVIL
NO. 41591
PROFESSIONAL ENGINEER

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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_E-003 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD ----

Title
LIGHTING DETAILS

Contract No. 210400118
Sheet 83 of 89
Scale Not to Scale
Revision
Drawing No. E-004

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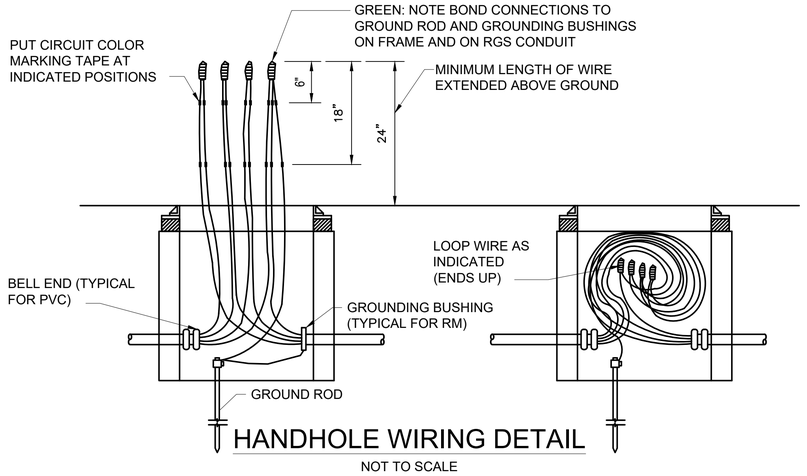
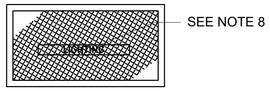


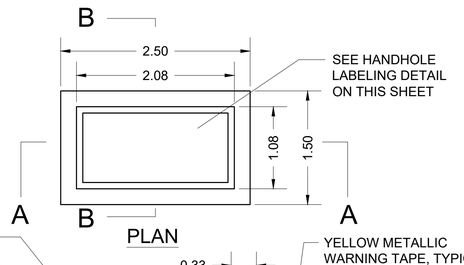
HANDHOLE WIRING DETAIL

NOT TO SCALE

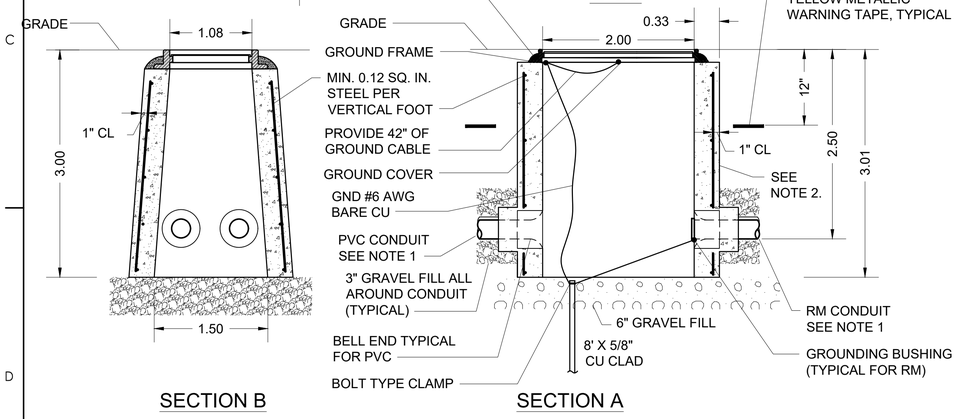


HANDHOLE LABELING DETAIL

NOT TO SCALE



PLAN



SECTION B

SECTION A

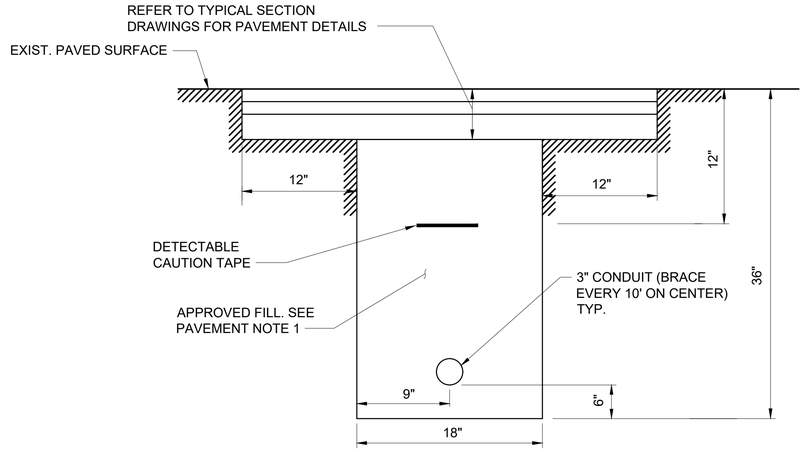
PRECAST CONCRETE ELECTRIC HANDHOLE SIZE 24 X 13 X 36 (SD2-022)

NOT TO SCALE

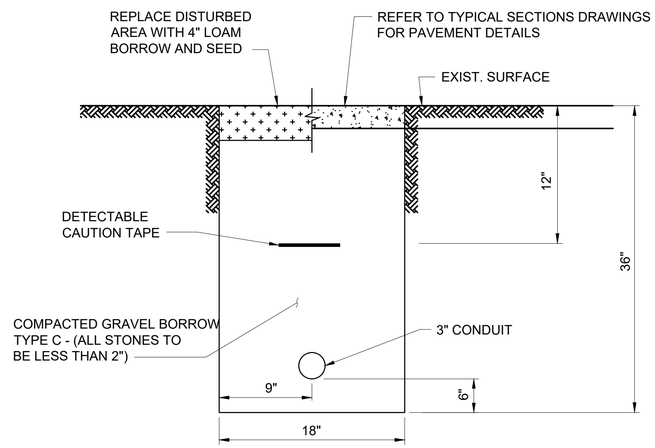
HANDHOLE NOTES:

1. ALL CONDUIT ENTERING HANDHOLES SHALL EXTEND INTO THE HANDHOLE CAVITY BY AT LEAST 2".
2. ALL HANDHOLES SHALL BE PRECAST CONCRETE REINFORCED WITH STEEL, AND SHALL BE FREE OF CRACKS OR OTHER DEFECTS. CONCRETE FOR PRECAST CONCRETE HANDHOLES SHALL BE 5000 PSI, 3/8 IN., 660 CEMENT CONCRETE MASONRY. REINFORCING BARS SHALL CONFORM TO AASHTO DESIGNATION M31 (ASTM DESIGNATION A 615) GRADE 60. AND SHALL BE EPOXY COATED.
3. CAST IRON FRAME SHALL BE MORTARED TO THE SURFACE OF THE PRECAST HANDHOLE.
4. ALL CONDUIT INSTALLED IN HANDHOLES SHALL BE INSTALLED IN KNOCKOUTS PROVIDED IN THE BOX AND NO EXCESS KNOCKOUTS SHALL BE MADE. THE KNOCKOUTS ARE DESIGNED TO BE MADE PRIOR TO BACKFILLING AROUND THE HANDHOLES. AFTER THE CONDUIT HAS BEEN INSTALLED IN THE HANDHOLE, THE OPEN SPACE BETWEEN THE BOX AND THE CONDUIT WILL BE SEALED WITH CLASS B CEMENT CONCRETE MASONRY. ANY CONDUIT INSTALLED IN SUCH A MANNER AS TO BLOCK COMPLETE ACCESS TO ANY OTHER CONDUIT SHALL BE REMOVED AND RESET.
5. FOR THE EXACT NUMBER, SIZE, AND ORIENTATION OF THE CONDUITS ENTERING THE HANDHOLE, SEE PLAN SHEETS.
6. CAST IRON HANDHOLE COVERS AND FRAMES SHALL BE PRODUCED BY THE SAME MANUFACTURER AND IN ACCORDANCE WITH MASSDOT SPECIFICATIONS.
7. METAL HANDHOLE COVER AND FRAME ARE TO BE BONDED (GROUNDED). DRILL AND TAP FRAME FOR MECHANICAL GROUND LUG CONNECTION. INSTALL A SERVIT POST GROUNDING CONNECTOR SUITABLE TO ACCOMMODATE ONE BARE #6 CONDUCTOR. EXTEND #6 GROUND CONDUCTOR THROUGH FRAME LUG TO BOND COVER. PROVIDE 42" OF SLACK FROM FRAME LUG TO BOND COVER. EXOTHERMICALLY WELD GROUND CONDUCTOR TO COVER.
8. FUNCTION DESIGNATION ON THE HANDHOLE SHALL BE LABELED AS FOLLOWS PER NEC ARTICLE 314.30D:

"LIGHTING" FOR LIGHTING CONDUIT



CONDUIT UNDER ROADWAY



SINGLE CONDUIT (UNDER GRASS AREA, OR SIDEWALK)

TYPICAL TRENCH DETAILS FOR CONDUIT

NOT TO SCALE

PAVEMENT NOTES FOR TRENCH PATCHING:

1. FOR TRENCH CUTS WITHIN PAVED SURFACES, (MAINLINE AND LOCAL ROADS) WHERE SUCH TRENCH CUTS HAVE A DEPTH OF 4' OR LESS, CONTROLLED DENSITY FILL (CDF) FOR BACKFILL IS MANDATORY. CONTROLLED DENSITY FILL TYPE 2E, (FLOWABLE-EXCAVATABLE)SHALL MEET THE REQUIREMENTS OF SECTION M4.08.0.

Revision	By	Appd	YYYY.MM.DD
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100% DESIGN DRAFT	PCW	GPR	2025.12.22
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25% DESIGN	AMJ	GPR	2024.11.22
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COMMONWEALTH OF MASSACHUSETTS
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Client/Project

THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_E-003

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Title

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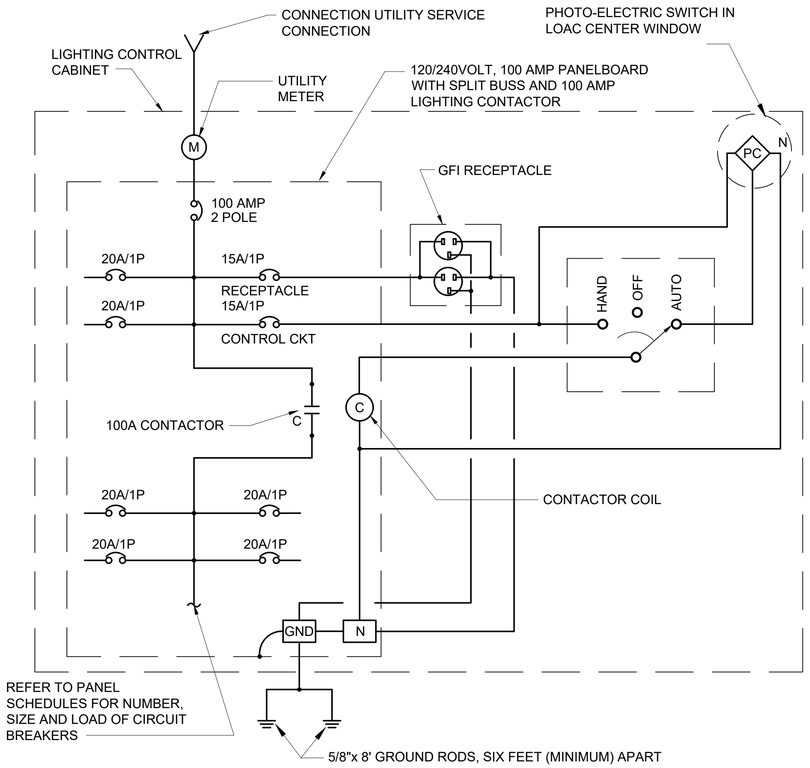
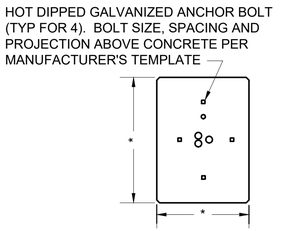
Contract No.	Sheet	Scale
210400118	84 of 89	Not to Scale
Revision	Drawing No.	
	E-005	



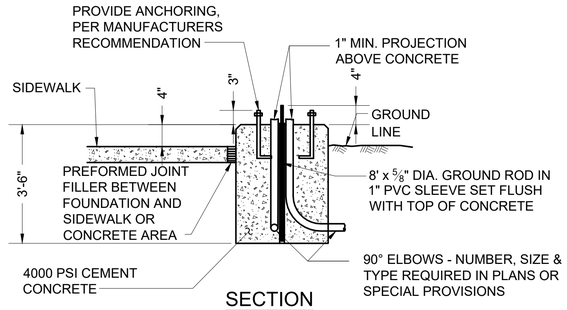
ONE LINE DIAGRAM

NOT TO SCALE



PLAN

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Ocean St South NB Ped	Illuminance	Fc	2.16	2.3	2.0	1.08	1.15
Ocean St South SB Ped	Illuminance	Fc	1.99	2.6	1.3	1.53	2.00
Ocean to Old Colony CW EB	Illuminance	Fc	2.04	2.3	1.5	1.36	1.53
Ocean to Old Colony CW WB	Illuminance	Fc	0.49	0.5	0.4	1.23	1.25
Old Colony Approaches	Illuminance	Fc	1.14	3.8	0.2	5.70	19.00
Old Colony Rd Northeast NB PED	Illuminance	Fc	2.78	3.2	2.2	1.26	1.45
Old Colony Rd Northeast SB PED	Illuminance	Fc	1.97	2.5	1.2	1.64	2.08
Roundabout	Illuminance	Fc	2.27	4.9	0.6	3.78	8.17
South St East EB	Illuminance	Fc	2.13	2.6	1.8	1.18	1.44
South St East WB PED	Illuminance	Fc	1.88	2.4	1.2	1.57	2.00
South St West EB PED	Illuminance	Fc	1.96	2.4	1.4	1.40	1.71
South St West WB PED	Illuminance	Fc	1.86	1.9	1.7	1.09	1.12
South to Old Colony CW NB	Illuminance	Fc	1.79	2.4	0.8	2.24	3.00
South to Old Colony CW SB	Illuminance	Fc	0.27	0.4	0.2	1.35	2.00

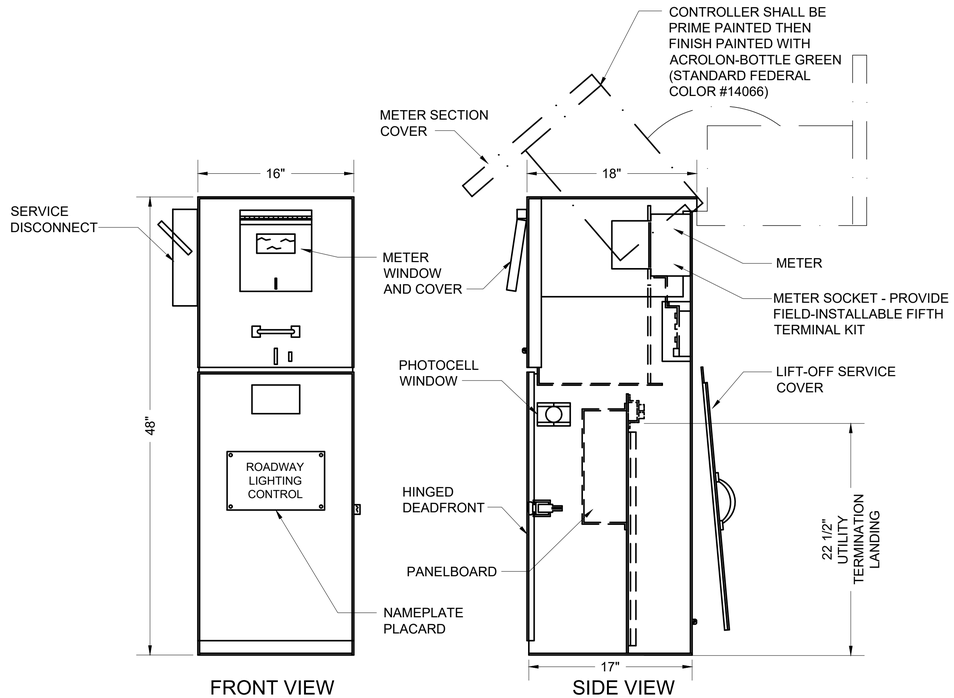


SECTION

NOTES:

1. ALL EXPOSED EDGES SHALL BE CHAMFERED $\frac{3}{4}$".
2. CONTRACTOR SHALL MAINTAIN ACCESS TO BOTH SIDES OF LOAD CENTER. FRONT FOR CUSTOMER ACCESS, BACK FOR UTILITY ACCESS. CONTRACTOR MAY ROTATE LOAD CENTER 90 DEGREES IF NECESSARY TO MAINTAIN ACCESS.
3. CONTRACTOR MUST MAINTAIN SIDEWALK CLEARANCE OF 3' MINIMUM AROUND CONCRETE FOUNDATION

CONCRETE FOUNDATION FOR HIGHWAY LIGHTING LOAD CENTER



FRONT VIEW

SIDE VIEW

NOTES:

1. PROVIDE MILBANK CP3B51110A22SL1 MODIFIED WITH 100 AMP CONTACTOR, PHOTOCELL TERMINALS, FIFTH TERMINAL KIT FOR USE WITH RINGLESS METER SOCKETS (COORDINATE WITH ELECTRIC UTILITY FOR METER SOCKET REQUIREMENTS), MOUNTING BASE, ANCHOR BOLT KIT, GFCI RECEPTACLE, AND INTERNAL LIGHT FIXTURE OR EQUIVALENT BY MYERS POWER PRODUCTS, OR VIT STRONG BOX. ALTERNATE MANUFACTURERS ARE LISTED IN THE SPECIAL PROVISIONS.

HIGHWAY LIGHTING LOAD CENTER DETAIL

NOT TO SCALE

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_E-003 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD: ---

Title
LIGHTING DETAILS

Contract No.	Sheet	Scale
210400118	85 of 89	Not to Scale
Revision	Drawing No.	
	E-006	

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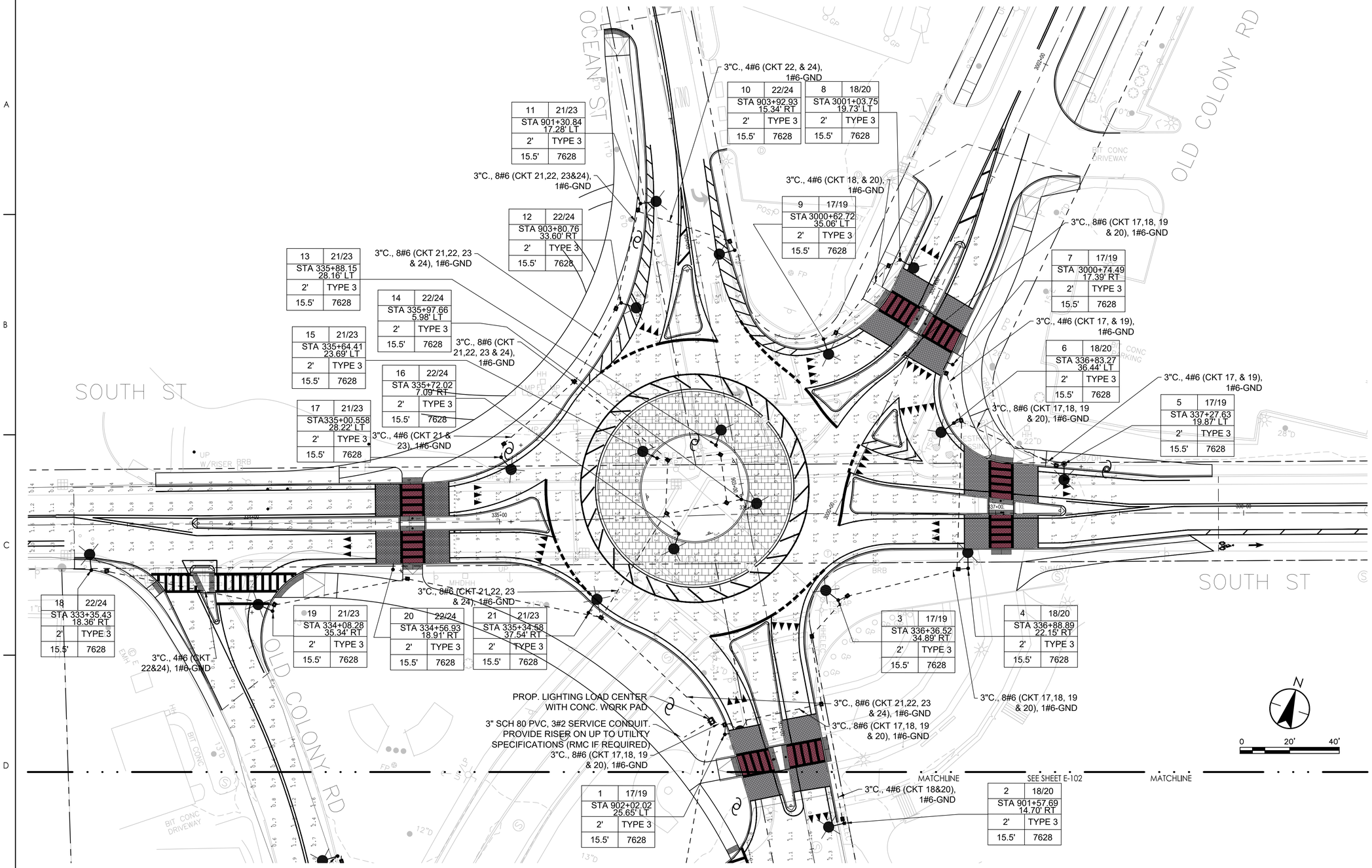

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HYANNIS, MA

File Name: 210400118_E-102 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD ----

Title
LIGHTING PLAN
SIX-POINTS ROUNDABOUT

Contract No.	Sheet	Scale
210400118	86 of 89	1" = 20'
Revision	Drawing No.	
	E-101	

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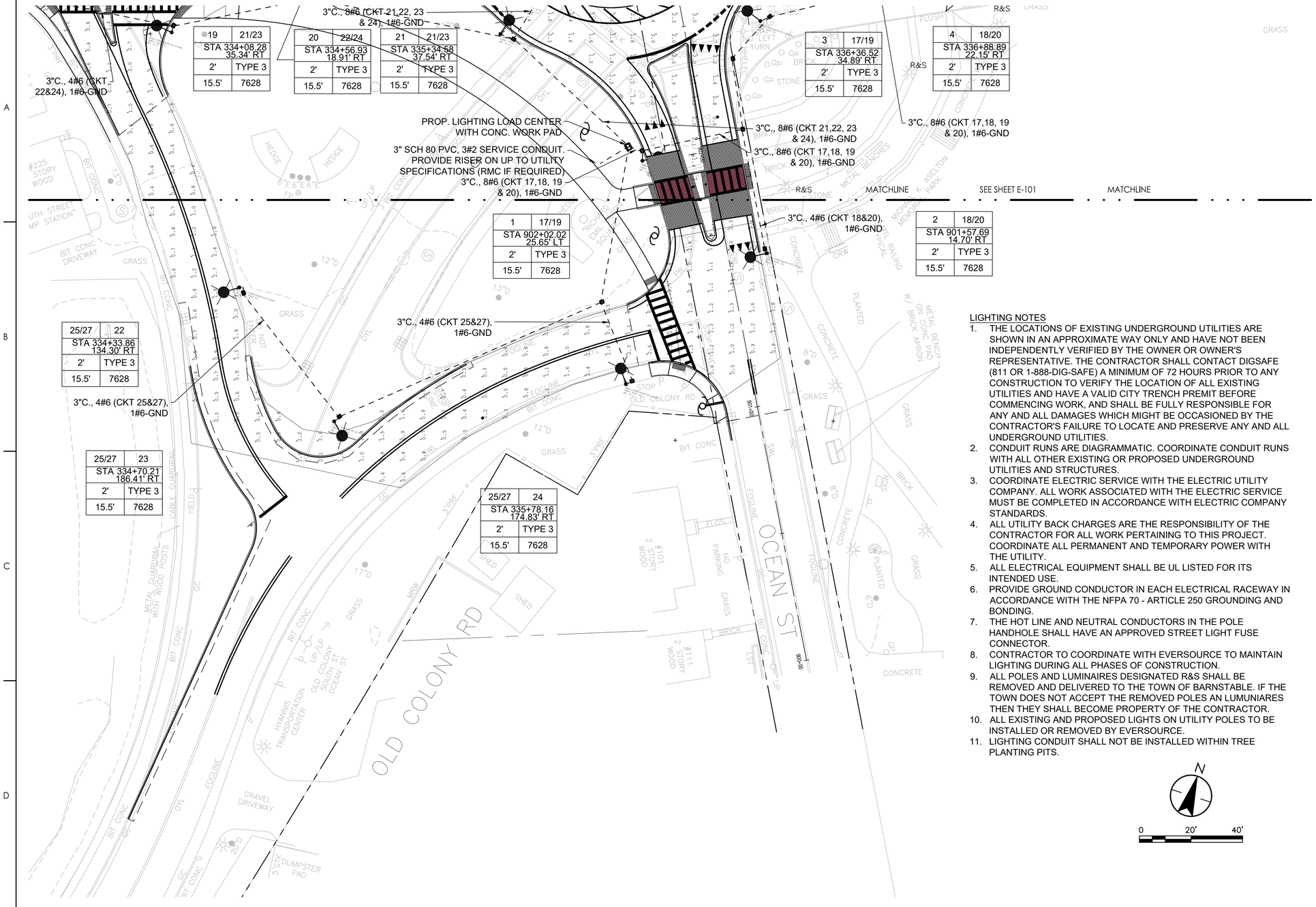


19	21/23
STA 334+08.28 35.34' RT	
2'	TYPE 3
15.5'	7628

20	22/24
STA 334+56.93 18.91' RT	
2'	TYPE 3
15.5'	7628

21	21/23
STA 335+34.58 37.54' RT	
2'	TYPE 3
15.5'	7628

3	17/19
STA 336+36.52 34.89' RT	
2'	TYPE 3
15.5'	7628

4	18/20
STA 336+88.89 22.15' RT	
2'	TYPE 3
15.5'	7628

1	17/19
STA 902+02.02 25.65' LT	
2'	TYPE 3
15.5'	7628

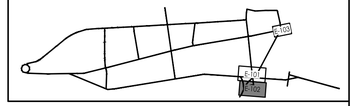
2	18/20
STA 901+57.69 14.70' RT	
2'	TYPE 3
15.5'	7628

25/27	22
STA 334+33.86 134.30' RT	
2'	TYPE 3
15.5'	7628

25/27	23
STA 334+70.21 186.41' RT	
2'	TYPE 3
15.5'	7628

25/27	24
STA 335+78.16 174.83' RT	
2'	TYPE 3
15.5'	7628

KEY PLAN



LIGHTING NOTES

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT DIGSAFE (811 OR 1-888-DIG-SAFE) A MINIMUM OF 72 HOURS PRIOR TO ANY CONSTRUCTION TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND HAVE A VALID CITY TRENCH PREMIT BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. CONDUIT RUNS ARE DIAGRAMMATIC. COORDINATE CONDUIT RUNS WITH ALL OTHER EXISTING OR PROPOSED UNDERGROUND UTILITIES AND STRUCTURES.
3. COORDINATE ELECTRIC SERVICE WITH THE ELECTRIC UTILITY COMPANY. ALL WORK ASSOCIATED WITH THE ELECTRIC SERVICE MUST BE COMPLETED IN ACCORDANCE WITH ELECTRIC COMPANY STANDARDS.
4. ALL UTILITY BACK CHARGES ARE THE RESPONSIBILITY OF THE CONTRACTOR FOR ALL WORK PERTAINING TO THIS PROJECT. COORDINATE ALL PERMANENT AND TEMPORARY POWER WITH THE UTILITY.
5. ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED FOR ITS INTENDED USE.
6. PROVIDE GROUND CONDUCTOR IN EACH ELECTRICAL RACEWAY IN ACCORDANCE WITH THE NFPA 70 - ARTICLE 250 GROUNDING AND BONDING.
7. THE HOT LINE AND NEUTRAL CONDUCTORS IN THE POLE HANDHOLE SHALL HAVE AN APPROVED STREET LIGHT FUSE CONNECTOR.
8. CONTRACTOR TO COORDINATE WITH EVERSOURCE TO MAINTAIN LIGHTING DURING ALL PHASES OF CONSTRUCTION.
9. ALL POLES AND LUMINAIRES DESIGNATED R&S SHALL BE REMOVED AND DELIVERED TO THE TOWN OF BARNSTABLE. IF THE TOWN DOES NOT ACCEPT THE REMOVED POLES AN LUMUNIARES THEN THEY SHALL BECOME PROPERTY OF THE CONTRACTOR.
10. ALL EXISTING AND PROPOSED LIGHTS ON UTILITY POLES TO BE INSTALLED OR REMOVED BY EVERSOURCE.
11. LIGHTING CONDUIT SHALL NOT BE INSTALLED WITHIN TREE PLANTING PITS.

N

0 20' 40'

LIGHTING LEGEND

- HIGHWAY LIGHT POLE AND FOUNDATION - 15.5' MOUNTING HEIGHT - 2' ARM, WITH 7628 LUMEN LED POST-TOP LUMINAIRE WITH IES TYPE 3 DISTRIBUTION
- LC HIGHWAY LIGHTING LOAD CENTER
- HH HANDHOLE - 13"X24"
- DIRECT BURIED CONDUIT & CONDUCTORS

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File Name: 210400118_E-102 — Dwn. — Dsgn. — Chkd. — YYYY.MM.DD: ----

Title
LIGHTING PLAN
SIX-POINTS ROUNDABOUT

Contract No.	Sheet	Scale
210400118	87 of 89	1" = 20'
Revision	Drawing No.	
	E-102	

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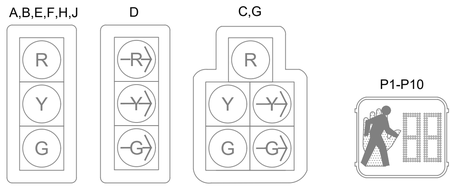
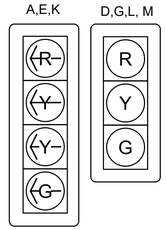


EXISTING SIGNAL INDICATIONS



PROPOSED SIGNAL INDICATIONS

1. EXISTING SIGNAL HEADS A, E, & G SHALL BE REMOVED AND REPLACED WITH THE PROPOSED SIGNAL HEADS SHOWN ABOVE.
2. PROPOSED SIGNAL HEADS K, L & M SHALL BE INSTALLED AS SHOWN ON THE SIGNAL PLAN.

*****ALL PROPOSED SIGNAL HEADS SHALL INCLUDE MOUNTING BRACKETS, WIRING, TUNNEL VISORS AND BACKPLATES. BACKPLATES, AND BRACKETS SHALL BE FACTORY COATED BLACK*****

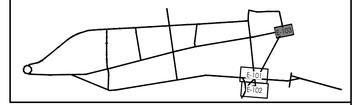


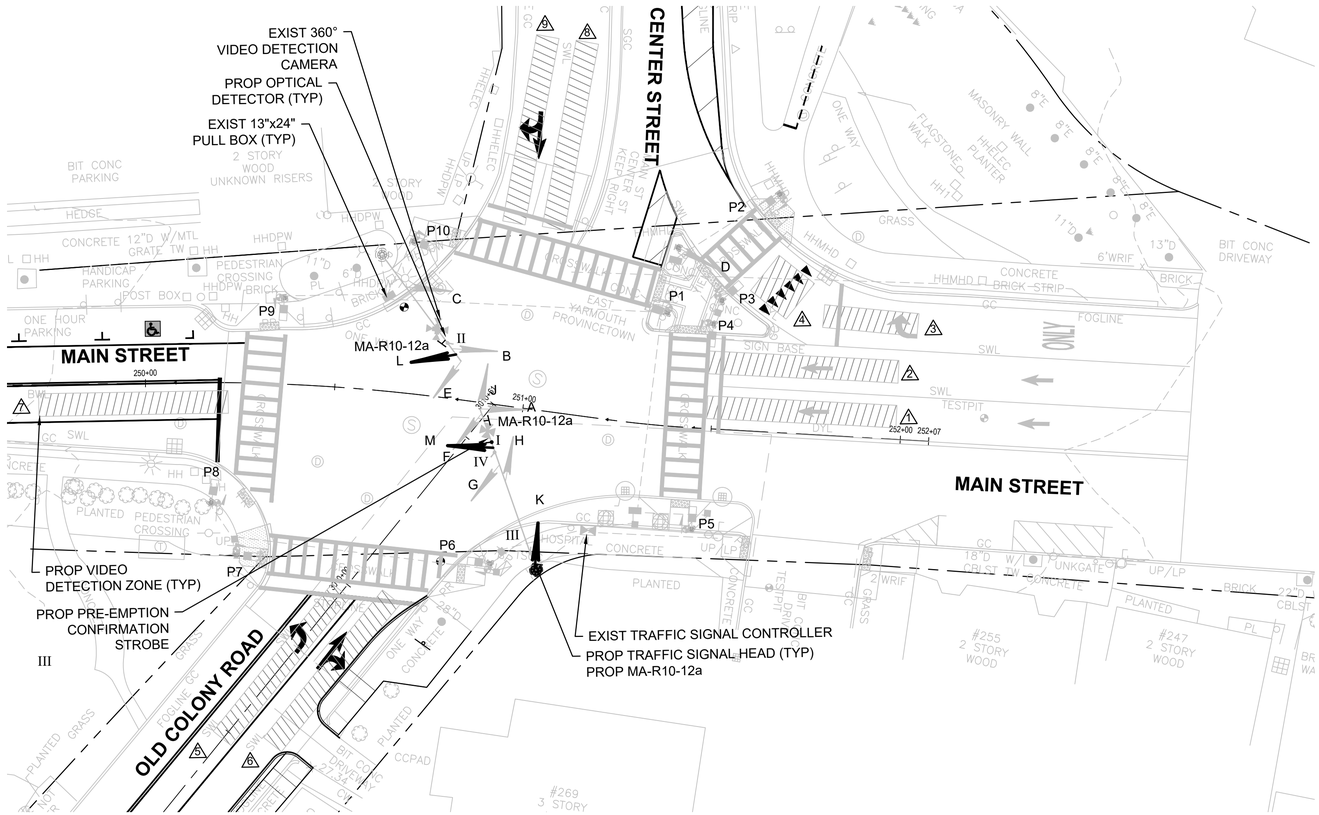
MA-R2-10a

GENERAL NOTES FOR TRAFFIC SIGNALS:

1. WORK ON THE TRAFFIC SIGNAL SYSTEM SHALL BE IN ACCORDANCE WITH THE TRAFFIC MANAGEMENT PLANS, STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND AS REQUIRED BY THE ENGINEER.
2. POST-MOUNTED SIGNALS SHALL HAVE 2-FOOT MINIMUM CLEARANCE BETWEEN VERTICAL PROJECTION OF THE CURB LINE AND THE SIGNAL VISOR.
3. ALL SIGNAL EQUIPMENT INCLUDED IN THIS PROJECT SHALL BE LISTED ON THE CURRENT MASSDOT'S APPROVED LIST AND IS SUBJECT TO APPROVAL OF THE ENGINEER.
4. THE FINAL LOCATION OF PROPOSED PREEMPTION RECEIVER SHALL BE COORDINATED WITH THE FIRE DEPARTMENT AND APPROVED BY THE TOWN.
5. THE FINAL LOCATION OF SIGNAL EQUIPMENT MAY BE ADJUSTED IN THE FIELD AS NECESSARY WITH THE APPROVAL OF THE ENGINEER. SIGNAL EQUIPMENT SHALL ALLOW A MINIMUM OF 4'-0" CLEARANCE FOR PEDESTRIAN TRAVEL. SIGNAL FOUNDATIONS SHALL BE FLUSH TO THE SIDEWALK SURFACE TO ALLOW CLEARANCE FOR PEDESTRIAN TRAVEL. PUSH BUTTON EXTENDERS SHALL BE USED IF PUSH BUTTON IS NOT WITHIN 10" OF REACH AT NO EXTRA COST TO THE PROJECT.
6. ALL TRAFFIC SIGNAL CONDUIT SHALL BE 3" SCHEDULE 80 TYPE NM PLASTIC (UL) UNLESS OTHERWISE NOTED.
7. UTILIZE ONE TRENCH FOR MULTIPLE CONDUITS WHENEVER POSSIBLE.
8. ALL METALLIC PULL BOXES SHALL BE BONDED. APPROVED POLYMER HANDHOLES MAY BE USED AS AN ALTERNATIVE.
9. CONTRACTOR TO DETERMINE CONDITION OF EXISTING CONDUITS AND AS ORDERED BY THE ENGINEER REPLACE EXISTING CONDUIT PRIOR TO INSTALLATION OF NEW WIRING.

KEY PLAN





LEGEND

- PROPOSED MAST ARM & POLE
- PROPOSED SIGNAL POST
- A PROPOSED SIGNAL HEAD
- P1 PROPOSED PEDESTRIAN HEAD
- PROPOSED PEDESTRIAN PUSH BUTTON
- PROPOSED 13X24 PULL BOX
- PROPOSED 12X12 PULL BOX
- PROPOSED 3" PVC CONDUIT TYPE NM
- PROPOSED CONTROLLER CABINET
- DETECTOR KEY
- PROPOSED 360° DETECTOR CAMERA
- PROPOSED DETECTOR CAMERA
- PROPOSED PREEMPTION OPTICAL DETECTOR
- PROPOSED PREEMPTION CONFIRMATION STROBE
- VIDEO DETECTION ZONE

SHADED SYMBOLS REPRESENT EXISTING EQUIPMENT

0 20' 40'

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
Issued	By	Appd	YYYY.MM.DD

COMMONWEALTH OF MASSACHUSETTS
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Client/Project Logo

SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_E-102 — Dwn. — Dsgn. — Chkd. — ---- YYYY.MM.DD

Title
TRAFFIC SIGNALIZATION PLAN

Contract No.	Sheet	Scale
210400118	88 of 89	1" = 20'
Revision	Drawing No.	
	E-103	

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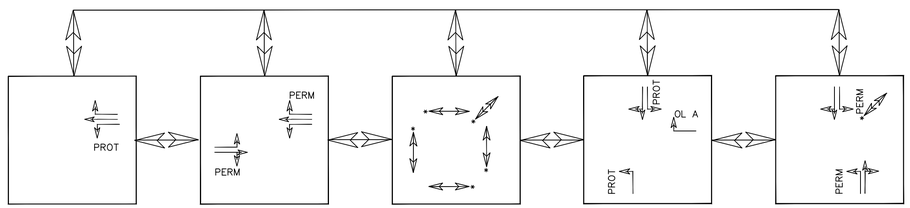
SIGNAL SEQUENCE & TIMING

	DIRECTION	HOUSING	Ø/OL	1			2			3			4			5			6			7			8			9			FLASH
							PREEMPTION II			PREEMPTION III			PREEMPTION IV			PREEMPTION II			PREEMPTION I			PREEMPTION IV			PREEMPTION III						
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
MINIMUM GREEN							10			5			10			5			10			5			10						EMERGENCY ONLY
PASSAGE TIME							3			3			3			3			3			3			3						
MAXIMUM I							34.5			6			13.5			5			28			5.5			13.5						
MAXIMUM II							34.5			6			13.5			5			28			5.5			13.5						
YELLOW CLEAR								3.5			3.5			3.5			3			3.5			3.5			3.5					
RED CLEAR									2			2.5			2			3.5			2			2.5			2				
WALK																									7			7			
PED CLEAR																										4	4		16	4	
MAIN ST	WB L	A	5				FY	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FR
MAIN ST	WB	B,C	2				G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FY
MAIN ST	WB R	D	2/A				G	Y	R	R→G	R→Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FY
MAIN ST	EB	E,F	6				R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	FY
CENTER ST	SB L	K	3				R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FR
CENTER ST	SB	H,J					R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	FR
OLD COLONY RD	NB L	E	7				R	R	R	R	R	R	FY	Y	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	FR
OLD COLONY RD	NB	F,G					R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	GRT
																															OUT
PEDESTRIAN	E/W	P2, P3	*8				DW	DW	DW	DW	DW	DW	DW	DW	DW	W	DW	DW	DW	DW	DW	DW	DW	DW	W	FDW	DW	W	FDW	DW	OUT
PEDESTRIAN	E/W&N/S	P1,P4-P10	*9				DW	DW	DW	DW	DW	DW	DW	DDW	DW	W	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	FDW	DW	OUT
		DETECTORS		NON–LOCK			NON–LOCK			NON–LOCK			NON–LOCK			NON–LOCK			NON–LOCK			NON–LOCK			NON–LOCK			LOCK			
		RECALL		OFF			SOFT			OFF			OFF			OFF			SOFT			OFF			OFF			OFF			
		DUAL ENTRY		OFF			ON			ON			ON			ON			ON			ON			ON			OFF			
FLASHING OPERATION PER MUTCD SEC. 4D-28								PERM			OL A			PERM			PROT			PERM			PROT			PERM					

* UPON PEDESTRIAN PUSH BUTTON ACTIVATION

MAX I: ALL OTHER TIMES
MAX II: 07:00 - 17:00 (7 DAYS)

PREFERENTIAL PHASE SEQUENCE

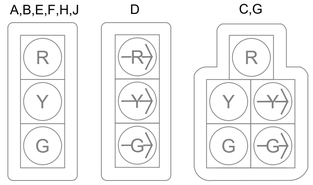


* UPON PEDESTRIAN PUSH BUTTON ACTIVATION

NOTE:

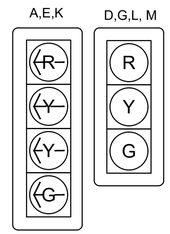
1. A GREEN SIGNAL INDICATION IS TO REMAIN ENERGIZED DURING A CLEARANCE INTERVAL IF THE NEXT PHASE CALLS FOR SAME INDICATION.
2. DURING PED OPERATION, FDW THROUGH YELLOW INTERVAL SHALL BE IN EFFECT EXCEPT WHERE 3 SEC DW BUFFER INTERVAL MUST COINCIDE WITH PART OF THE YELLOW INDICATION.
3. WHEN PED PUSH BUTTON IS ACTIVATED, MIN GREEN IS EQUAL TO (WALK TIME + PED CLEAR TIME) MINUS (YELLOW + ALL RED TIME).

EXISTING SIGNAL INDICATIONS



VIDEO DETECTION

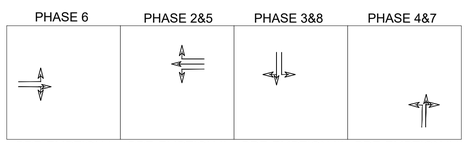
KEY	SIZE	OPERATION	DELAY	CALL/EXT Ø
1	6' X 50'	PRESENCE	0 SEC.	5
2	6' X 50'	PRESENCE	0 SEC.	2
3	6' X 25'	PRESENCE	5 SEC.	2
4	12' X 12'	PRESENCE	5 SEC.	2
5	6' X 50'	PRESENCE	0 SEC.	7
6	6' X 50'	PRESENCE	0 SEC.	4
7	6' X 50'	PRESENCE	0 SEC.	6
8	6' X 50'	PRESENCE	0 SEC.	3
9	6' X 50'	PRESENCE	0 SEC.	8



PROPOSED SIGNAL INDICATIONS

1. ALL SIGNAL HEADS SHALL BE RIGID MOUNTED & EQUIPPED WITH ±5" LOUVERED BACKPLATES WITH 2" YELLOW REFLECTIVE TAPE BORDERS. THE REFLECTIVE TAPE SHALL NOT EXTEND INTO OR COVER ANY PART OF THE LOUVERED AREA.
2. ALL PROPOSED SIGNAL HEADS SHALL HAVE TUNNEL VISORS.

******ALL PROPOSED MAST ARMS, SIGNAL POSTS, BASES, BACKPLATES, AND BRACKETS SHALL BE FACTORY COATED BLACK******

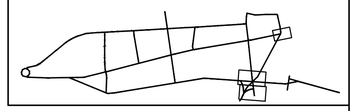


PRE-EMPTION

EMERGENCY VEHICLE PRE-EMPTION PHASING AND PRIORITY NOTES:

1. EMERGENCY VEHICLE PRE-EMPTION SIGNALS SHALL BE OPTICALLY TRANSMITTED BY OPTICAL EMITTERS MOUNTED IN EMERGENCY VEHICLES AND RECEIVED BY OPTICAL DETECTORS LOCATED AT EACH INTERSECTION.
2. IN RESPONSE TO A PRE-EMPTION SIGNAL RECEIVED AT AN INTERSECTION BY OPTICAL DETECTOR D1 (OR D2, D3, D4) THE CONTROLLER SHALL HOLD OR ADVANCE TO AND HOLD IN EMERGENCY VEHICLE PRE-EMPTION PHASE #1 (OR #2, #3) GREEN FOR A MINIMUM OF TEN (10) SECONDS OR UNTIL PRE-EMPTION SIGNAL CEASES. THE CONTROLLER SHALL THEN PROVIDE PRE-EMPTION PHASE CLEARANCE (4 SECONDS: YELLOW AND 1 SECOND: ALL RED) AND SERVICE AN ADDITIONAL EMERGENCY VEHICLE PRE-EMPTION PHASE IF NECESSARY, THEN PROVIDE PHASE PRE-EMPTION CLEARANCE AND RESUME NORMAL SIGNAL OPERATION.
3. MINIMUM GREEN, NORMAL VEHICLE CLEARANCE, SHALL BE PROVIDED ON PHASES THAT ARE TO BE TERMINATED BY PRE-EMPTION DEMAND.
4. PREEMPTION STROBE SHALL BE ILLUMINATED WHENEVER ANY EMERGENCY VEHICLE PRE-EMPTION GREEN IS ON.

KEY PLAN



MAJOR ITEMS REQUIRED

PAY ITEM	QUANTITY	ITEM
804.30	0	3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC (UL)
811.31	0	PULL BOX 12" X 12" - SD2.031
811.22	0	ELECTRIC HANDHOLE 13" X 24" - SD2.022
816.01	1	TRAFFIC SIGNAL CONTROLLER (TS2 TYPE 1) MODIFICATION TO ACCOMMODATE PHASE AND TIMING CHANGES
	0	BATTERY BACKUP FOR TRAFFIC SIGNAL CONTROLLER
	0	SERVICE CONNECTION (OVERHEAD)
	0	ORNAMENTAL 8' SIGNAL POST & BASE - INCL. FOUNDATION
	0	ORNAMENTAL 10' SIGNAL POST & BASE - INCL. FOUNDATION
	0	ORNAMENTAL 45' MAST ARM, INCL BASE & FOUNDATION
	0	ORNAMENTAL 35' MAST ARM, INCL BASE & FOUNDATION
	4	SIGNAL HEAD 1 WAY - 3 SECTION 12" LED LENS
	3	SIGNAL HEAD 1 WAY - 4 SECTION 12" LED LENS
	4	3 SECTION - 5" BACKPLATES WITH RETROREFLECTIVE BORDER
	3	4 SECTION - 5" BACKPLATES WITH RETROREFLECTIVE BORDER
	0	16" LED PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN
	0	ACCESSIBLE PEDESTRIAN PUSHBUTTON WITH SIGN AND SADDLE
	1	SINGLE POINT (360°) VIDEO DETECTION CAMERA DETECTION ZONE MODIFICATIONS
	1	SINGLE CHANNEL PREEMPTION DETECTOR & CABLE
	0	PREEMPTION CARD RACK AND HARNESS
	0	PREEMPTION CONFIRMATION STROBE - WHITE
	3	MA-R2-10a SIGNS & MOUNTING HARDWARE
		PLUS ALL WIRE, CABLE, MOUNTING HARDWARE, EQUIPMENT & MATERIALS NECESSARY TO COMPLETE THE INSTALLATION

0 20' 40'

Revision	By	Appd	YYYY.MM.DD
BID DOCUMENTS	PCW	GPR	2026.02.06
100% DESIGN DRAFT	PCW	GPR	2025.12.22
75% DESIGN DRAFT	PCW	GPR	2025.05.23
75% DESIGN DRAFT	PCW	GPR	2025.04.04
25% DESIGN	AMJ	GPR	2024.11.22
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SEAL OF THE TOWN OF BARNSTABLE, MASS. 1639. ADOPTED MAY 4, 1889

Client/Project
THE TOWN OF BARNSTABLE, MA

DOWNTOWN HYANNIS GREAT STREETS

HYANNIS, MA

File Name: 210400118_E-102 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD ----

Title
TRAFFIC SIGNALIZATION PLAN

Contract No.	Sheet	Scale
210400118	89 of 89	1" = 20'
Revision	Drawing No.	
	E-104	

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