

January 29, 2026

Sandra McCrory,
Conservation Commission
Town of North Attleborough
43 South Washington Street
North Attleborough, MA 02760

RE: Circle Court Parking Lot and Walkway Upgrade Project
Notice of Intent

Dear Ms. McCrory:

GCG Associates, Inc., on behalf of the North Attleborough Housing Authority has updated our plans to reflect comments and discussion from the recent hearings. The following revisions have been made to the plans.

- GCG reviewed the original design plans for the development and has determined that the catch basins have a 3-foot sump. We have attached copies of the original plans which reflect this. The plans already required cleaning basin, jetting drain lines and CCTV drain lines. There are 8 catch basins located on the site. We considered removing and replacing them to install four-foot sumps. The cost to do this would be approximately \$64,000. The current project is funded through the Executive Office of Housing and Livable Communities and does not have additional funds to cover this cost. **The plans now include the installation of a hood in the existing catch basins to reduce sediment and oil from potentially flowing down the pipe.**
- The plans have been updated to include a stormwater treatment device for water quality on the existing 15" which discharges into the adjacent wetlands which we believe is a greater benefit to treat the stormwater instead of a 4-foot sump. The device will allow for additional treatment of all the onsite catch basins which connect to this drain. A Stormceptor detail has been added to the plans, and the location is shown on the site plan.

Attached you will find updated plans for your review and discussion at the next meeting.

If you have any questions regarding this matter, please contact our office.

Respectfully Submitted,
GCG Associates

Michael J. Carter

Michael J. Carter, PE, PLS
Project Manager

PARKING LOT & WALKWAY UPGRADES

CIRCLE COURT (667-1)

NORTH ATTLEBOROUGH, MASSACHUSETTS

NORTH ATTLEBOROUGH HOUSING AUTHORITY

EOHLC PROJECT #197161

OWNER/APPLICANT:

NORTH ATTLEBOROUGH HOUSING AUTHORITY (NAHA)
 20 SOUTH WASHINGTON STREET
 NORTH ATTLEBOROUGH, MA, 02760
 PHONE: (508) 695-5142

PROJECT ADDRESS:

CIRCLE COURT (667-1)
 NORTH ATTLEBOROUGH, MA 02760
 MAP 19, LOT 220.
 BOOK 20, PAGE 172, N.B.C.R.D..

NORTH ATTLEBOROUGH PLANNING BOARD

DATE: _____

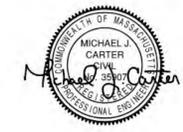


MAPS OBTAINED FROM: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MAGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

LOCUS PLAN
 SCALE : 1"=1000'±

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01/28/2026

SITE PLAN REVIEW FOR (NAHA)
NORTH ATTLEBOROUGH HOUSING AUTHORITY
100% CONSTRUCTION DOCUMENTS

GCG ASSOCIATES INC. CONSULTING ENGINEERS WILMINGTON, MASSACHUSETTS

REVISED JANUARY 28, 2026
NOVEMBER 12, 2025

GENERAL NOTES

- PLANS AND TOPOGRAPHIC INFORMATION ARE PREPARED FROM GROUND SURVEY AND DRONE SURVEY PERFORMED BY GCG ASSOCIATES, INC., ON MARCH, 19, APRIL 29, AND OCTOBER 2, 2025.
- WETLAND DELINEATION WAS PERFORMED BY CHRISTOPHER J. CAPONE ON SEPTEMBER 5, 2025, AND FIELD LOCATED BY THIS OFFICE.
- ALL LOCATIONS OF SUBSURFACE UTILITIES AND STRUCTURES WERE OBTAINED FROM AVAILABLE UTILITY RECORDS. THE SIZE, TYPE, AND LOCATION OF UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL PROPERLY LOCATE THE UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN UTILITY INFORMATION BY CONTACTING DIG SAFE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION AT (811). THE CONTRACTOR SHALL EXCAVATE TEST PITS TO VERIFY UTILITY LINE LOCATIONS AS NECESSARY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES ON SITE. THE CONTRACTOR SHALL HIRE A PRIVATE MARKING COMPANY TO LOCATE ONSITE UTILITIES. THE COST TO HIRE THE PRIVATE MARKING COMPANY SHALL BE INCLUDED IN THE CONTRACT PRICE.**
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL STATE OR LOCAL BUILDING PERMITS THAT MAY BE REQUIRED. THE NORTH ATTLEBOROUGH HOUSING AUTHORITY SHALL PAY FOR ALL PERMITS.
- THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A CONSTRUCTION SCHEDULE DELINEATING THE SEQUENCE OF WORK AND ESTIMATED TIME OF COMPLETION OF EACH SEGMENT OF WORK, PRIOR TO THE COMMENCEMENT OF WORK.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, AND PROCEDURES, AND FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH ALL WORK INCLUDED UNDER THIS CONTRACT. THE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL SAFETY BARRIERS, WARNING FLASHERS, ETC., AS REQUIRED BY THE CONDUCT OF THE WORK FOR THE PROTECTION OF WORKERS AND NON-WORKERS ALIKE. THE CONTRACTOR'S ATTENTION IS DIRECTED TO OSHA REQUIREMENTS.
- THE CONTRACTOR SHALL MAINTAIN CONTINUOUS TRAFFIC FLOW DURING CONSTRUCTION SATISFACTORY TO THE ENGINEER AND THE NORTH ATTLEBOROUGH HOUSING AUTHORITY. ACCESS TO ALL EXISTING RESIDENCES SHALL BE MAINTAINED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION BY THE CONTRACTOR. ACCESS TO ALL EXISTING RESIDENCES SHALL BE MAINTAINED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE PARKING LOT DURING CONSTRUCTION FOR ALL RESIDENTS.
- NO EQUIPMENT SHALL BE ALLOWED TO BE PARKED ON THE ROAD WHEN NOT IN USE. MATERIALS SHALL NOT BE STOCKPILED ON THE ROAD OR IN PARKING AREAS. THE CONTRACTOR SHALL CONSULT THE NORTH ATTLEBOROUGH HOUSING AUTHORITY WITH RESPECT TO LOCATION OF STOCKPILED MATERIALS.
- ALL CONSTRUCTION SIGNAGE SHALL CONFORM TO THE REQUIREMENTS OF THE STATE OF MASSACHUSETTS DEPARTMENT OF TRANSPORTATION AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- BUILDING LOCATIONS AS SHOWN ON ADJACENT PROPERTIES, ARE APPROXIMATE AND FOR REFERENCE PURPOSES ONLY.
- ALL CONSTRUCTION MATERIAL, DEBRIS, ASPHALT, SOIL, ETC. THAT IS REMOVED FROM THE SITE SHALL BE HANDLED AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. THE COST FOR THIS SHALL BE INCLUDED IN THE CONTRACT PRICE.
- THE CONTRACTOR SHALL MAINTAIN THE EXISTING SITE DRAINAGE PATTERNS UNLESS OTHERWISE NOTED. ALL GRADING MODIFICATIONS SHALL DIRECT DRAINAGE AWAY FROM ALL EXISTING BUILDINGS AND TOWARDS THE APPROPRIATE AREAS.
- ALL GRADING MODIFICATIONS SHALL BE GRADUAL SO AS NOT TO CREATE ANY STEEP SLOPES, UNEVEN AREAS, ETC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING ANY DEBRIS, SEDIMENT OR SILTY WATER FROM ENTERING ANY DRAINAGE SYSTEM, ETC. DURING ALL PHASES OF CONSTRUCTION.
- DURING CONSTRUCTION THE CONTRACTOR SHALL PROTECT ALL TREES AND ROOTS OF TREES TO REMAIN. ROOTS ON TREES WHICH ARE IMPACTING THE SAFETY OF THE SITE OR AFFECTING WALKWAYS SHALL BE REMOVED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE OVERGROWN VEGETATION ALONG WALKWAYS AND FENCES AS NEEDED. COST SHALL BE INCLUDED IN THE CONTRACT PRICE.
- DURING THE COURSE OF CONSTRUCTION ANY DAMAGE BY THE CONTRACTOR TO FENCES, GUARD RAILS, PATHS, STAIRS, PAVEMENT AND VEGETATION SHALL BE REPAIRED OR REPLACED AND RESTORED TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE CONTRACT. ANY REPLACEMENT FENCE AND/OR HANDRAILS SHALL MATCH EXISTING FENCE IN TYPE, FINISH (GALVANIZED AND VINYL CLAD), COLOR AND MESH SIZE.
- ALL CASTINGS, GATE BOXES, HYDRANTS, LIGHT POLES, ETC. DAMAGED DURING RECONSTRUCTION SHALL BE SUPPLIED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. THE CONTRACTOR SHALL INCLUDE IN THE CONTRACT PRICE.
- SIDEWALKS, WALKWAYS AND DRIVEWAYS THAT ARE DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED WITH THE SAME TYPE OF MATERIAL ONCE THE WORK IS COMPLETED AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE RESTORATION AND CLEAN UP UPON COMPLETION OF THE PROJECT AT NO ADDITIONAL COST TO THE OWNER.
- ANY POLICE DETAILS REQUIRED SHALL BE INCLUDED IN THE LUMP SUM PRICE AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL MAINTAIN ACCESS DURING CONSTRUCTION FOR ALL RESIDENTS. ANY TEMPORARY WALKS/RAMPS REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE RESTORATION AND CLEAN UP UPON COMPLETION OF THE PROJECT. ALL DISTURBED AREA IS TO BE RESTORED WITH LOAM (6" MINIMUM) AND SEED AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY RAMPS AND WALKWAYS AS NECESSARY TO RESIDENTS.

PAVING AND RECLAMATION NOTES

- ALL TRENCHES WILL BE COMPACTED TO ALLOW PROPER SETTLEMENT. ALL TRENCHES WILL BE COMPACTED TO 95% COMPACTION. INCLUDE PAYMENT UNDER ASSOCIATED ITEM.
- PRIOR TO RECLAIMING, THE CONTRACTOR SHALL COMPLETE ALL EXCAVATING AND PREPARING SUBGRADE REQUIRED TO PULVERIZE THE PAVEMENT AND SHALL LOWER ALL CASTINGS AS SPECIFIED IN THE CONTRACT SPECIFICATIONS.
- BOTH PARKING LOTS AND ROADWAYS SHALL BE RECLAIMED TO A MINIMUM DEPTH OF 16" BELOW THE PROPOSED FINISH GRADE WITHIN THE PROJECT LIMITS. THE EXISTING PAVEMENT SHALL BE PULVERIZED TO THE POINT WHERE NO MATERIAL IS GREATER THAN 3".
- THE CONTRACTOR SHALL RECLAIM THE ENTIRE WIDTH OF EXISTING MATERIAL. THE LIMITS (EDGE OF PAVEMENT) OF THE EXISTING PAVED SURFACES ARE SHOWN IN THE PLAN VIEW OF THESE CONSTRUCTION DRAWINGS.
- AFTER PULVERIZING THE PARKING LOT ASPHALT PAVEMENT AND UNDERLYING MATERIALS, THE CONTRACTOR SHALL REMOVE AND STOCKPILE (WINROW) THE RECLAIMED MATERIAL. THE CONTRACTOR SHALL THEN EXCAVATE AND REMOVE THE NECESSARY SUBGRADE MATERIAL IN ORDER TO MEET THE FINAL GRADES OF THE PARKING LOTS. THE CONTRACTOR SHALL THEN PLACE, GRADE AND COMPACT THE EXISTING RECLAIMED BASE COURSE TO A 12" DEPTH AS SHOWN ON THE TYPICAL ROADWAY CROSS SECTION. THE SUBBASE SHALL THEN BE FINE GRADED AND COMPACTED TO ALLOW FOR THE PLACEMENT OF: 2" BASE COURSE INTERMEDIATE COURSE PAVEMENT (SIC-19.0-TABLE 460.10-1) AND 1-1/2" SURFACE COURSE (SSC-9.5-TABLE 460.10-1) AND ACCORDING TO MASSDOT SECTION 460-"HOT MIX ASPHALT PAVEMENT FOR LOCAL STREETS"
- AFTER PULVERIZING THE EXISTING IN PLACE ASPHALT AND UNDERLYING MATERIAL (TOTAL OF 16" DEPTH), THE CONTRACTOR SHALL PLACE, GRADE AND COMPACT THE EXISTING RECLAIMED BASE COURSE TO A 12" DEPTH AS SHOWN ON THE TYPICAL CROSS SECTION.
- THE CONTRACTOR SHALL GRADE THE EXISTING RECLAIMED SUBBASE MATERIAL OR GRAVEL BORROW MATERIAL TO ALLOW THE FINAL PAVEMENT SURFACE TO MATCH THE EXISTING EDGE OF PAVEMENT GRADES UNLESS OTHERWISE NOTED. THE RECONSTRUCTION OF THE PARKING LOTS SHALL ALSO BE IN ACCORDANCE WITH THE TYPICAL CROSS SECTION DETAIL SHOWN ON THE PLANS. ANY GRADING MODIFICATIONS SHALL DIRECT DRAINAGE TOWARDS THE APPROPRIATE AREAS.
- ALL PROPOSED CUTS AND FILLS REQUIRED TO GRADE THE RECLAIMED MATERIAL TO A 12" DEPTH SHALL BE INCLUDED FOR PAYMENT UNDER THE APPROPRIATE ITEM.
- ALL DRAINAGE AND UTILITY CASTINGS SHALL BE LOWERED OR REMOVED AND PLATED PRIOR TO RECLAIMING THE PARKING LOTS. ALL STRUCTURES MUST BE LOWERED TO A DEPTH OF 6 INCHES BELOW THE BOTTOM OF THE PROPOSED RECLAIMED BASE COURSE.
- THE CONTRACTOR SHALL FINE GRADE THE EXISTING RECLAIMED BASE COURSE MATERIAL NO MORE THAN 24 HOURS PRIOR TO THE PLACEMENT OF THE 2" BASE COURSE PAVEMENT. ALL GRADING, COMPACTION AND DUST CONTROL ASSOCIATED WITH FINE GRADING TO BE INCLUDED IN THE APPROPRIATE RECLAIM ITEM.
- THE CONTRACTOR SHALL STOCKPILE AND RETAIN SUFFICIENT SURPLUS SUBBASE AND RECLAIMED PAVEMENT SUBBASE MATERIALS TO USE AS NEEDED IN THE ENTIRE PROJECT AREA. THE COSTS ASSOCIATE WITH THE EXCAVATION, PLACEMENT AND DISPOSAL OF SURPLUS SUBBASE MATERIAL SHALL BE INCLUDED IN THE LUMP SUM PRICE. NO ADDITIONAL PAYMENT FOR PLACEMENT SHALL BE MADE. SURPLUS SUBBASE AND RECLAIMED PAVEMENT SUBBASE MATERIAL SHALL BE USED ONSITE PRIOR TO GRAVEL BORROW MATERIAL. ANY EXCESS RECLAIMED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. NO ADDITIONAL PAYMENT FOR DISPOSAL SHALL BE MADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION TESTING. SEE SPECIFICATION SECTION 02250 FOR COMPACTION CONTROL AND TESTING.
- PRIOR TO COMPLETING FINAL GRADING OF THE RECLAIMED BASE COURSE, THE ENGINEER SHALL REVIEW GRADES TO DETERMINE THAT SUFFICIENT SLOPES AND POSITIVE DRAINAGE FLOWS HAVE BEEN MAINTAINED. IF GRADES NEED TO BE ADJUSTED, THE CONTRACTOR SHALL REGRADE AS DIRECTED.
- CROSS SLOPES AT CATCH BASINS SHALL BE ADJUSTED AS NECESSARY TO ASSURE PROPER DRAINAGE.
- CONTRACTOR SHALL CONTROL DUST DURING CONSTRUCTION USING CALCIUM CHLORIDE AS NECESSARY.
- DRAINAGE STRUCTURES SHALL BE ADJUSTED OR REMODELED AS REQUIRED TO MEET GRADE AT NO ADDITIONAL COST TO THE OWNER.
- SHOULDERS OF DRIVEWAY AND PARKING AREAS SHALL BE GRADED FOR A SMOOTH TRANSITION FROM THE PROPOSED EDGE OF PAVEMENT/CURB TO THE EXISTING GRADE.
- ALL STRUCTURES SHALL BE LOWERED PRIOR TO RECLAIMING AND THEN RAISED TO FINISHED GRADE ONCE BINDER IS PLACED.

FINE GRADING AND COMPACTION

- THE CONTRACTOR SHALL FINE GRADE AND COMPACT ALL AREAS IN PREPARATION FOR PAVEMENT, INCLUDING, BUT NOT LIMITED TO THE PARKING LOT AREAS AND TRANSITION DRIVEWAY AREAS. THE CONTRACTOR SHALL ALSO STRAIGHT CUT ALL EXISTING JOINTS AND EDGES IN PREPARATION FOR FINAL PAVEMENT.
- PAYMENT FOR GRADING AND COMPACTION THE PROPOSED OR RECONSTRUCTED BITUMINOUS CONCRETE SIDEWALKS, RAMPS AND DRIVEWAY APRONS SHALL BE INCLUDED IN THE APPROPRIATE SIDEWALK, APRON, OR RAMP ITEM.
- PAYMENT FOR FINE GRADING AND COMPACTION THE RECONSTRUCTED BITUMINOUS PARKING LOTS SHALL BE INCLUDED IN THE APPROPRIATE CONTRACT ITEM.

RAISING CASTINGS

- ALL CASTINGS WILL BE RAISED TO FINISHED GRADE AFTER PLACEMENT OF THE 2" BASE PAVING COURSE, PRIOR TO PLACEMENT OF THE 1-1/2" FINAL PAVING COURSE.

CATCH BASIN & DRAIN LINE CLEANING NOTES

- ALL ACCUMULATED SEDIMENT, DEBRIS, ORGANIC MATTER, ETC. MUST BE REMOVED FROM CATCH BASINS AND DRAINAGE SYSTEM UPON COMPLETION OF THE PROJECT.
- SILT SACKS SHALL BE PLACED IN ALL CATCH BASINS AS SHOWN ON THE PLAN DURING CONSTRUCTION PERIOD.
- ALL SEDIMENT AND DEBRIS REMOVED FROM THE CATCH BASIN OR PIPE LINE SHALL BE PROPERLY HANDLED AND DISPOSED OF AT AN OFF-SITE LOCATION IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL GUIDELINES AND REGULATIONS.
- ANY REQUIRED MAINTENANCE OR REPAIRS NOTED DURING THE CLEANING AND INSPECTION SHOULD BE ADDRESSED IMMEDIATELY.
- THE EXISTING DRAIN LINE SHALL BE JETTED, CLEANED, AND A VIDEO OF THE LINE SHALL BE TAKEN AFTER CLEANING.
- HOOD SHOULD BE INSTALLED IN ALL EXISTING CATCH BASINS.

CURB AND SIDEWALK NOTES

- BITUMINOUS CONCRETE SIDEWALKS SHALL BE CONSTRUCTED WITH 1-1/2" TOP COURSE AND A 1-1/2" BINDER COURSE, ACCORDING TO THE CONSTRUCTION DETAILS AND AS SPECIFIED.
- CEMENT CONCRETE WALKS SHALL BE A OF MINIMUM 4" THICK. CEMENT CONCRETE RAMPS AND DRIVEWAY APRONS SHALL BE A MINIMUM OF 6" THICK.
- CEMENT CONCRETE WALKS, RAMPS, AND DRIVEWAY APRONS SHALL BE MINIMUM 4,000 PSI REINFORCED CEMENT CONCRETE.
- STOCKPILED EXCESS RECLAIMED GRAVEL SHALL BE USED TO REPLACE OR ADJUST THE GRAVEL BASE FOR THE PROPOSED SIDEWALKS THROUGHOUT THE PROJECT AND SHALL BE INCLUDED IN THE SIDEWALK PRICE.
- ALL GRANITE CURB SHALL BE OF TYPE VA-4 AS SPECIFIED BY MASSDOT AND SHALL INCLUDE ALL LENGTHS - STRAIGHT, RADIUS, TRANSITION AND CURB INLETS.
- NEW AND/OR SALVAGED GRANITE CURBING SHALL BE SET IN ACCORDANCE WITH THE CONSTRUCTION DETAIL PROVIDED IN CONTRACT DRAWINGS.
- NEW AND/OR SALVAGED GRANITE CURBING SHALL BE INSTALLED BY THE CONTRACTOR AT THE NEW PROPOSED GRADES AND EDGE OF ROADWAY LINES AS DEPICTED ON THE PLANS

CONSTRUCTION PHASING

- THE PROPOSED WORK SHALL BE COMPLETED IN PHASES SO AS TO PROVIDE ADEQUATE PARKING DURING CONSTRUCTION FOR RESIDENTS AND VISITORS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING CONSTRUCTION PHASING WITH THE NORTH ATTLEBOROUGH HOUSING AUTHORITY AND THE ENGINEER.

ABBREVIATIONS

APPROX	APPROXIMATE
BB	BITUMINOUS BERM CURB
BC	BOTTOM OF CURB
BLDG	BUILDING
BIT	BITUMINOUS CONCRETE
CB	CATCH BASIN
CC	CONCRETE CURB
CCB	CAPE COD BERM
CIP	CAST-IN-PLACE
CLF	CHAIN LINK FENCE
CONC	CONCRETE
D	DRAIN
DI	DUCTILE IRON
DRV	DRIVEWAY
DMH	DRAIN MANHOLE
E	ELECTRIC
EMH	ELECTRIC MANHOLE
ECC	EDGE OF CONCRETE
EOP	EDGE OF PAVEMENT
EX	EXISTING
HCR	HANDICAPPED RAMP
HYD	HYDRANT
INV	INVERT
LF	LINEAR FEET
LP	LIGHT POLE
MH	MANHOLE
N/F	NOW OR FORMERLY
NO	NUMBER
PROP	PROPOSED
RIM	RIM
SMH	SEWER MANHOLE
SPEC	SPECIFICATION
SW	SIDEWALK
TC	TOP OF CURB
TH	THRESHOLD
TYP	TYPICAL
UP	UTILITY POLE
VGC	VERTICAL GRANITE CURB

EXISTING LEGEND

△	EXIST. MAG NAIL BENCHMARK
□	EXIST. CATCH BASIN
○	EXIST. ROUND CATCH BASIN
⊙	EXIST. DRAIN MANHOLE
⊗	EXIST. SEWER MANHOLE
⊕	EXIST. MANHOLE
⊖	EXIST. ELECTRIC MANHOLE
⊗	EXIST. PULL BOX
⊕	EXIST. HYDRANT
⊖	EXIST. WATER GATE VALVE
⊗	EXIST. GAS GATE VALVE
⊕	EXIST. BOLLARD
⊖	EXIST. LIGHT POST
⊗	EXIST. SIGN
⊕	EXIST. FLAG POLE
⊖	EXIST. SITE BENCH
⊗	EXIST. BLDG. (APPROX.)
-D-	EXIST. DRAIN LINE
-S-	EXIST. SEWER LINE
-W-	EXIST. WATER LINE
-E-	EXIST. ELECTRIC LINE
-G-	EXIST. GAS LINE
-T-	EXIST. TELEPHONE LINE
-P-	EXIST. PLUMBING
-C-	EXIST. CURB
-NLF-	EXIST. CHAIN LINK FENCE
-VGC-	EXIST. VINYL FENCE
-R-	EXIST. WALL
-140-	EXIST. 5' CONTOURS
-130-	EXIST. 1' CONTOURS
×41.29	EXIST. SPOT GRADE
⊗36"	EXIST. TREE W/ DIAMETER
~~~~~	EXIST. TREE/VEGETATION LINE
- - - - -	APPROX. BUTTER LOT LINE

100% CONSTRUCTION DOCUMENTS  
EOHLC PROJECT #197161

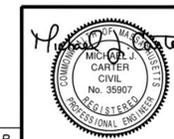
**NOTES AND LEGEND**

**PARKING LOT & WALKWAY UPGRADES  
NORTH ATTLEBOROUGH HOUSING AUTHORITY  
NORTH ATTLEBOROUGH, MASSACHUSETTS**

**GCG ASSOCIATES, INC.**  
WILMINGTON MASSACHUSETTS

SCALE: NOT TO SCALE DATE: NOVEMBER 12, 2025

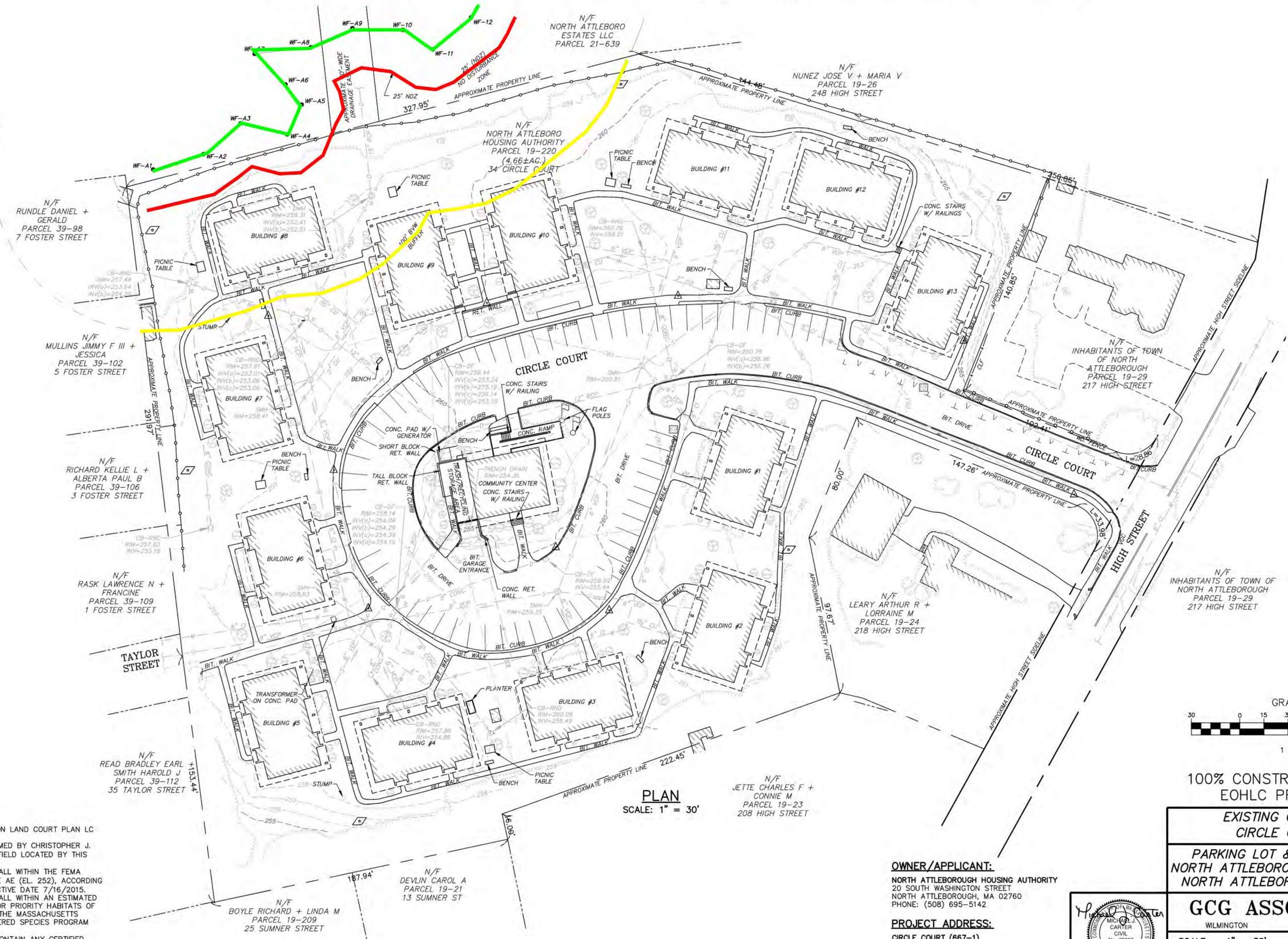
JOB NO. \ FILE NAME:	DESIGNED BY: W.R.H.	PLAN NO.
2507-100%_CD - CIRCLE CT. NOI PLAN SET-EDITED	DRAWN BY: W.R.H.	2 OF 10
	CHECKED BY: M.J.C.	



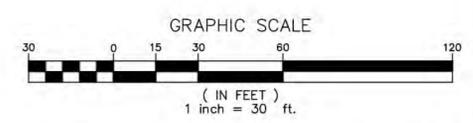
01/28/2026

1	1/28/26	REVIEW COMMENTS	L.P.B.
REV.	DATE	DESCRIPTION	BY

# CIRCLE COURT (667-1) HOUSING



**PLAN**  
SCALE: 1" = 30'



100% CONSTRUCTION DOCUMENTS  
EOHLC PROJECT #197161

**EXISTING CONDITIONS PLAN**  
**CIRCLE COURT (667-1)**  
**PARKING LOT & WALKWAY UPGRADES**  
**NORTH ATTLEBOROUGH HOUSING AUTHORITY**  
**NORTH ATTLEBOROUGH, MASSACHUSETTS**

**GCG ASSOCIATES, INC.**  
WILMINGTON MASSACHUSETTS

SCALE: 1" = 30' DATE: NOVEMBER 12, 2025

JOB NO. \FILE NAME: 2507-100R_CD - CIRCLE CT. NOI PLAN SET-EDITED  
DESIGNED BY: W.R.H.  
DRAWN BY: W.R.H.  
CHECKED BY: M.J.C.

PLAN NO.  
3 OF 10

**OWNER/APPLICANT:**  
NORTH ATTLEBOROUGH HOUSING AUTHORITY  
20 SOUTH WASHINGTON STREET  
NORTH ATTLEBOROUGH, MA 02760  
PHONE: (508) 695-5142

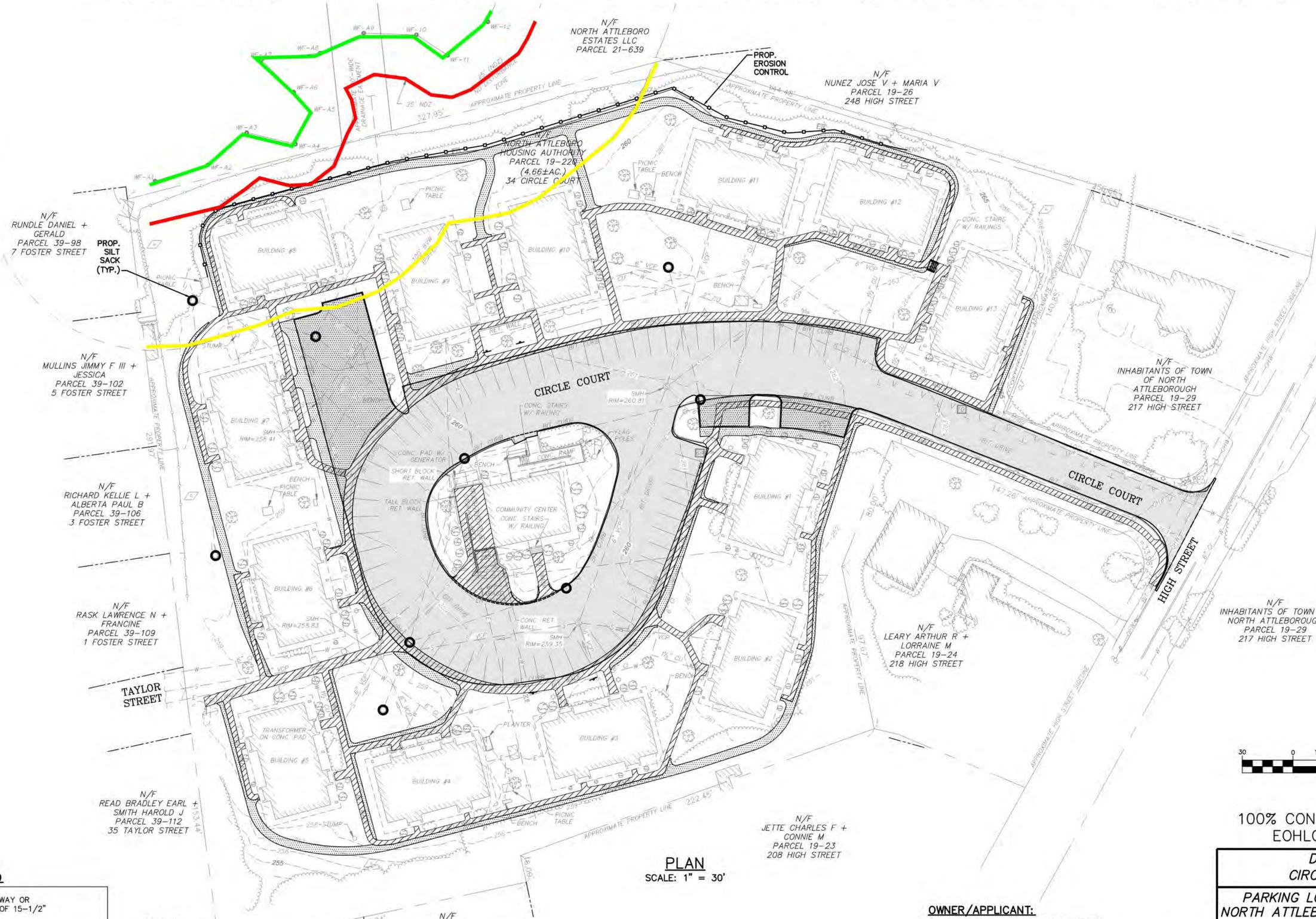
**PROJECT ADDRESS:**  
CIRCLE COURT (667-1)  
HIGH STREET  
NORTH ATTLEBOROUGH, MA 02760



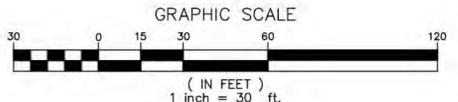
REV.	DATE	DESCRIPTION	L.P.B. BY
1	1/28/26	REVIEW COMMENTS	

- NOTES:**
- PROPERTY BOUNDARY BASED ON LAND COURT PLAN LC #31895 A & C.
  - WETLAND DELINEATION PERFORMED BY CHRISTOPHER J. CAPONE ON 9/05/2025, AND FIELD LOCATED BY THIS OFFICE ON 9/29/2025.
  - LOCUS PROPERTY DOES NOT FALL WITHIN THE FEMA NATIONAL FLOOD HAZARD ZONE AE (EL. 252), ACCORDING TO PANEL 25005C0102G, EFFECTIVE DATE 7/16/2015.
  - LOCUS PROPERTY DOES NOT FALL WITHIN AN ESTIMATED HABITATS OF RARE SPECIES NOR PRIORITY HABITATS OF RARE WILDLIFE ACCORDING TO THE MASSACHUSETTS NATURAL HERITAGE & ENDANGERED SPECIES PROGRAM (NHESP).
  - LOCUS PROPERTY DOES NOT CONTAIN ANY CERTIFIED VERNAL POOLS ACCORDING TO THE MASSACHUSETTS NATURAL HERITAGE.
  - LOCUS PROPERTY DOES NOT FALL WITHIN AN A.C.E.C.
  - LOCUS PROPERTY DOES NOT FALL WITHIN A ZONE II.

# CIRCLE COURT HOUSING DEVELOPMENT



PLAN  
SCALE: 1" = 30'



100% CONSTRUCTION DOCUMENTS  
EOHLC PROJECT #197161

DEMOLITION PLAN  
CIRCLE COURT (667-1)  
PARKING LOT & WALKWAY UPGRADES  
NORTH ATTLEBOROUGH HOUSING AUTHORITY  
NORTH ATTLEBOROUGH, MASSACHUSETTS

**GCG ASSOCIATES, INC.**  
WILMINGTON MASSACHUSETTS

SCALE: 1" = 30' DATE: NOVEMBER 12, 2025

JOB NO. \FILE NAME: 2507-100R_CD - CIRCLE CT. NOI PLAN SET-EDITED  
DESIGNED BY: W.R.H.  
DRAWN BY: W.R.H.  
CHECKED BY: M.J.C.

PLAN NO.  
4 OF 10

**SITE DEMOLITION LEGEND**

	RECLAIM EXISTING ROADWAY OR DRIVEWAY TO A DEPTH OF 15-1/2"
	EXCAVATE NEW AREAS TO SUB GRADE: 15-1/2" BELOW FINISHED GRADE FOR ROADWAYS AND PARKING AREAS, 11" BELOW FINISHED GRADE FOR SIDEWALKS
	EXCAVATE EXISTING SIDEWALKS TO SUB GRADE: 11" BELOW FINISHED GRADE FOR SIDEWALKS

- NOTES:**
- INDIVIDUAL BITUMINOUS CONCRETE ACCESS WALKWAYS LESS THAN 5 FEET WIDE SHALL BE REMOVED AND EXCAVATED TO SUBGRADE AT A MINIMUM OF 5 FEET WIDE. ENTRANCE WALKWAYS GREATER THAN 5 FEET WIDE SHALL BE REMOVED AND EXCAVATED TO SUBGRADE TO THE EXISTING WIDTH.
  - ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE LOAMED AND SEED.
  - ALL DRAINAGE FRAMES AND GRATES SHALL BE REMOVED AND PLATED PRIOR TO RECLAMATION.
  - ALL DRAINAGE STRUCTURES SHALL BE CLEANED UPON COMPLETION OF WORK.

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NORTH ATTLEBOROUGH, MA 02760  
PHONE: (508) 695-5142

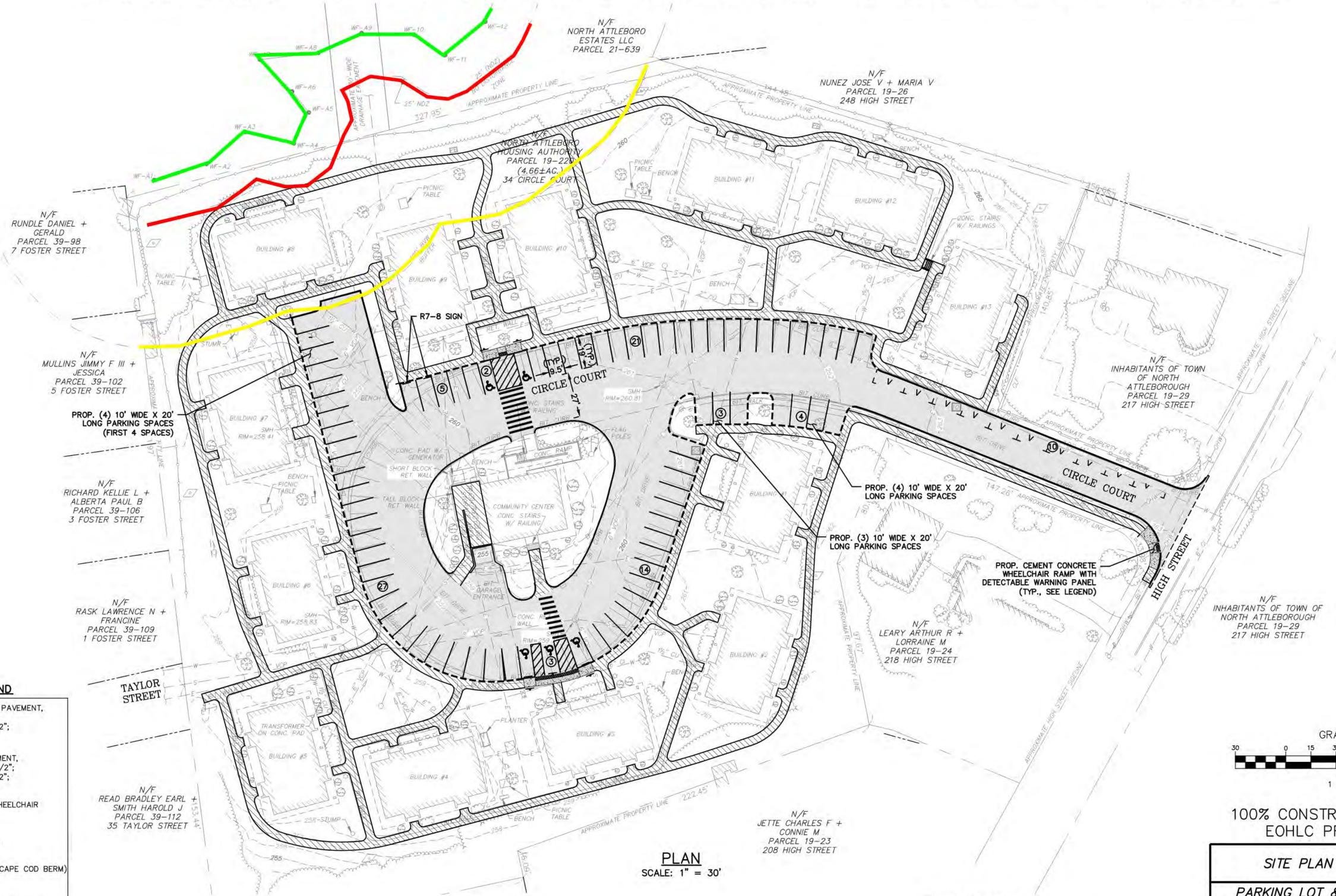
**PROJECT ADDRESS:**  
CIRCLE COURT (667-1)  
HIGH STREET  
NORTH ATTLEBOROUGH, MA 02760



REV.	DATE	DESCRIPTION	L.P.B.	BY
1	1/28/26	REVIEW COMMENTS		

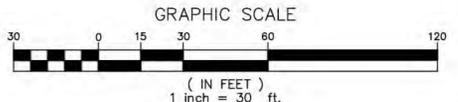
01/28/2026

# CIRCLE COURT HOUSING DEVELOPMENT



### SITE IMPROVEMENT LEGEND

- ROADWAY & PARKING LOT PAVEMENT, HMA BASE COURSE = 2"; HMA TOP COURSE = 1-1/2"; GRAVEL BASE = 12";
- SIDEWALK/WALKWAY PAVEMENT, HMA BASE COURSE = 1-1/2"; HMA TOP COURSE = 1-1/2"; GRAVEL BASE = 8";
- NEW CEMENT CONCRETE WHEELCHAIR RAMP, THICKNESS = 6"
- REMOVE & RESET OR NEW VERTICAL GRANITE CURB
- HOT MIX ASPHALT CURB (CAPE COD BERM)
- EXISTING PARKING SPACE  
EXISTING TOTAL PARKING SPACES=79  
(69 PARKING SPACES, 10 VISITOR SPACE, ADA/AAB SPACE NOT ASSIGNED)
- PROPOSED PARKING SPACE  
PROPOSED TOTAL PARKING SPACES=89  
(74 PARKING SPACES, 10 VISITOR SPACE, AND 5 ADA/AAB SPACES)



PLAN  
SCALE: 1" = 30'

100% CONSTRUCTION DOCUMENTS  
EOHLC PROJECT #197161

SITE PLAN - CIRCLE COURT

PARKING LOT & WALKWAY UPGRADES  
NORTH ATTLEBOROUGH HOUSING AUTHORITY  
NORTH ATTLEBOROUGH, MASSACHUSETTS

**GCG ASSOCIATES, INC.**  
WILMINGTON MASSACHUSETTS

SCALE: 1" = 30' DATE: NOVEMBER 12, 2025

JOB NO. \FILE NAME:	DESIGNED BY: W.R.H.	PLAN NO.
2507-100R_CD - CIRCLE CT. NOI PLAN SET-EDITED	DRAWN BY: W.R.H.	5 OF 10
	CHECKED BY: M.J.C.	

**OWNER/APPLICANT:**  
NORTH ATTLEBOROUGH HOUSING AUTHORITY  
20 SOUTH WASHINGTON STREET  
NORTH ATTLEBOROUGH, MA 02760  
PHONE: (508) 695-5142

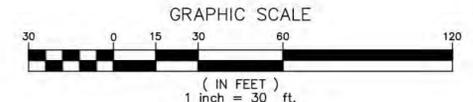
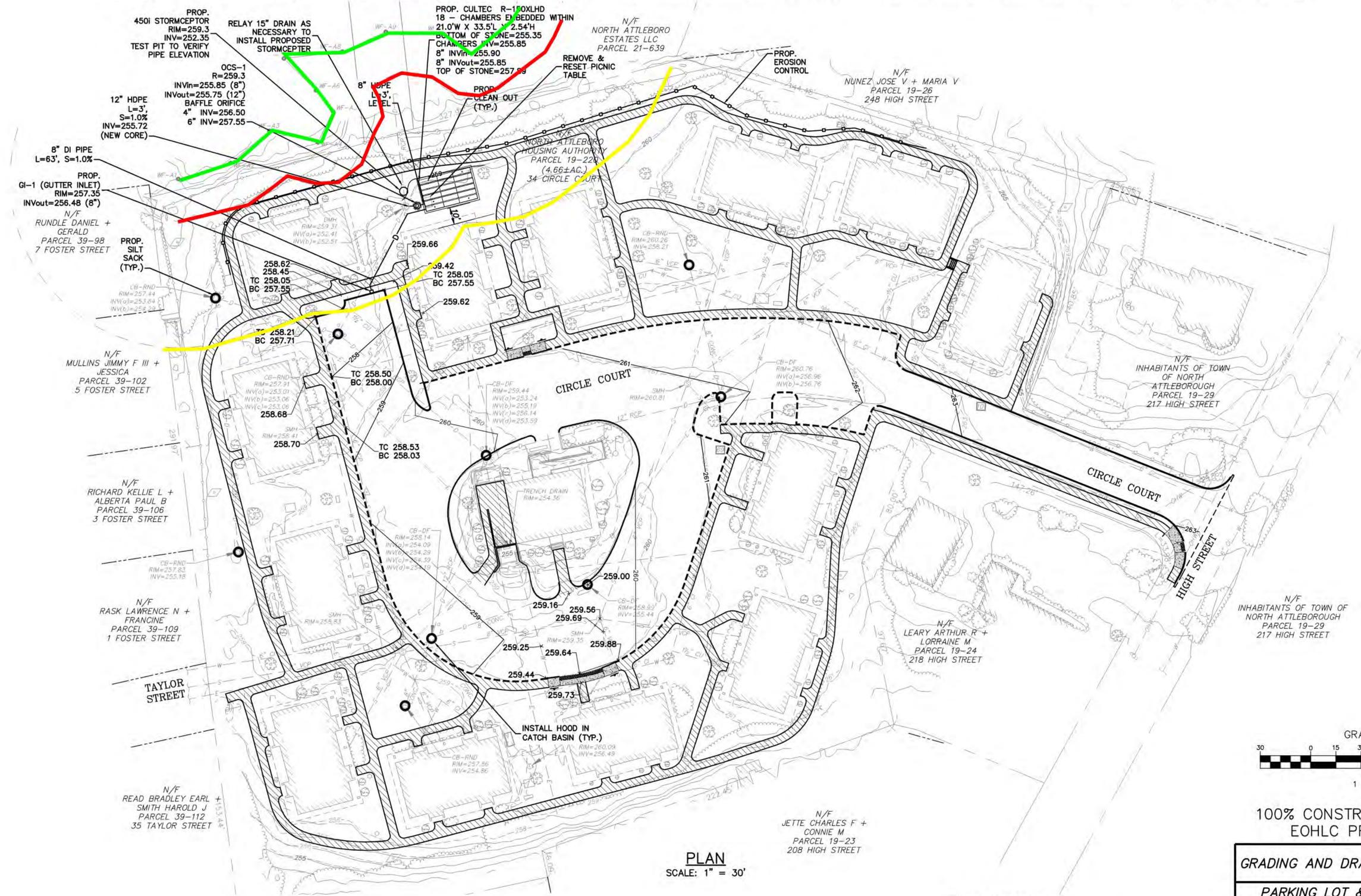
**PROJECT ADDRESS:**  
CIRCLE COURT (667-1)  
HIGH STREET  
NORTH ATTLEBOROUGH, MA 02760



REV.	DATE	REVIEW COMMENTS	L.P.B. BY
1	1/28/26		

01/28/2026

# CIRCLE COURT HOUSING DEVELOPMENT



100% CONSTRUCTION DOCUMENTS  
EOHLC PROJECT #197161

**PLAN**  
SCALE: 1" = 30'

**OWNER/APPLICANT:**  
NORTH ATTLEBOROUGH HOUSING AUTHORITY  
20 SOUTH WASHINGTON STREET  
NORTH ATTLEBOROUGH, MA 02760  
PHONE: (508) 695-5142

**PROJECT ADDRESS:**  
CIRCLE COURT (667-1)  
HIGH STREET  
NORTH ATTLEBOROUGH, MA 02760



**GRADING AND DRAINAGE - CIRCLE COURT**

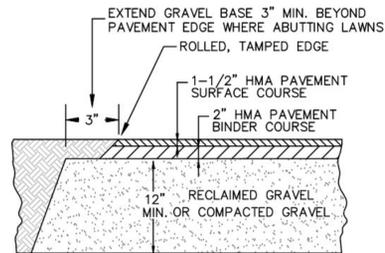
PARKING LOT & WALKWAY UPGRADES  
NORTH ATTLEBOROUGH HOUSING AUTHORITY  
NORTH ATTLEBOROUGH, MASSACHUSETTS

**GCG ASSOCIATES, INC.**  
WILMINGTON MASSACHUSETTS

SCALE: 1" = 30' DATE: NOVEMBER 12, 2025

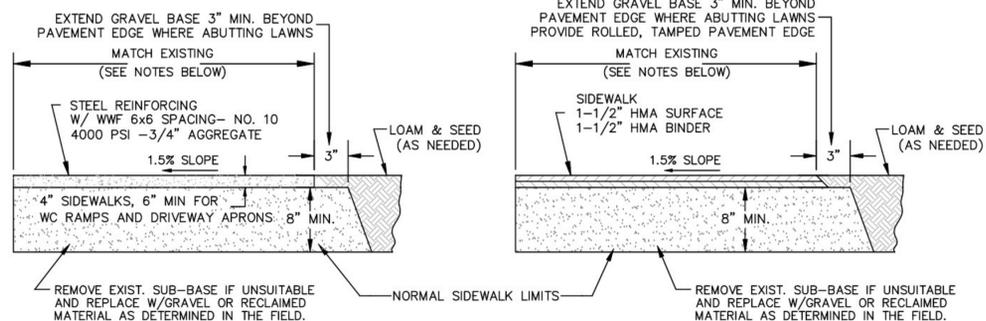
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2507-100R_CD - CIRCLE CT. NOI PLAN SET-EDITED	DRAWN BY: W.R.H.	6 OF 10
	CHECKED BY: M.J.C.	



- NOTES:**
- PRIOR TO COMPLETING FINAL GRADING OF THE RECLAIMED BASE COURSE THE ENGINEER SHALL REVIEW GRADES TO DETERMINE THAT SUFFICIENT DRAINAGE PATTERNS AND CURB REVEAL ARE MAINTAINED. IF GRADES NEED TO BE ADJUSTED, THE CONTRACTOR SHALL REGRADE AS DIRECTED. THE COST TO PERFORM THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE.
  - PROVIDE JOINT SEALANT WHERE PAVING ABUTS CURBING, WALLS, STEPS, CASTINGS, ETC.

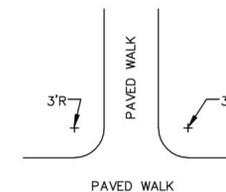
**TYPICAL DRIVEWAY & PARKING PAVEMENT SECTION**  
N.T.S.



**CEMENT CONCRETE HMA PAVEMENT**

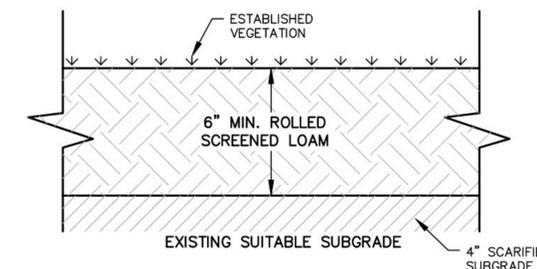
- NOTES:**
- GRAVEL IN AREAS OF EXISTING SIDEWALKS WHICH ARE BEING REMOVED OR REPLACED IN THE SAME LOCATION SHALL BE REGRADED AND SUPPLEMENTAL GRAVEL ADDED. ADDITIONAL GRAVEL REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE.
  - EXCAVATION AND PLACEMENT OF GRAVEL REQUIRED FOR NEW SIDEWALKS, WIDENING SIDEWALKS AND PAVED AREA SHALL BE INCLUDED IN THE CONTRACT PRICE. DISPOSAL OF THE EXCAVATED MATERIAL SHALL ALSO BE INCLUDED IN THE CONTRACT PRICE.
  - REMOVAL OF STUMPS AND CUTTING AND DISPOSAL OF ROOTS SHALL BE INCLUDED IN THE CONTRACT COST TO CONSTRUCT WALKWAYS.
  - PROVIDE JOINT SEALANT WHERE PAVING ABUTS CURBING, WALLS, STEPS, CASTINGS, ETC.
  - WHERE WALKWAY ABUT TO CONCRETE STEP, INCREASE GRAVEL GRAVEL BASE TO 18" THICK FOR A MINIMUM OF 18" IN FRONT OF THE STEP.

**SIDEWALK DETAIL**  
N.T.S.



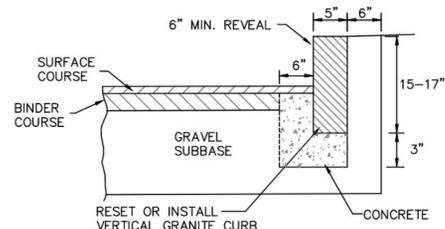
- NOTES:**
- ALL WALKWAYS SHALL HAVE A 3' RADIUS AT INTERSECTIONS.

**TYPICAL PAVED WALKWAY INTERSECTION DETAIL**  
N.T.S.

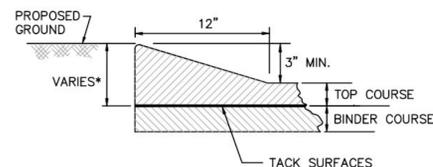


- ALL DISTURBED AREAS TO BE LOAMED WITH A MINIMUM OF 6-INCHES OF SCREENED LOAM IN ACCORDANCE WITH MASSACHUSETTS HIGHWAY DEPARTMENT (MHD) STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES SECTION 751. LOAM MATERIAL SHALL MEET MHD M1.05.0 MATERIAL SOURCE AND IN-PLACE LABORATORY ANALYTICAL TESTING OF LOAM FOR COMPLIANCE WITH M1.05.0 MAY BE REQUIRED BY THE OWNER PRIOR TO PLACEMENT AND FINAL ACCEPTANCE.
- AFTER PLACEMENT, ROLLING AND RAKING OF THE SCREENED TOPSOIL, SEEDING AND FERTILIZING OF THE TOP SOIL SHALL BE IN ACCORDANCE WITH MHD STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES SECTION 765. IF NECESSARY, REFERTILIZATION SHALL OCCUR IN ACCORDANCE WITH MHD SECTION 766.
- MULCHING SHALL BE IN ACCORDANCE WITH MHD SECTION 767, FOR AREAS SPECIFICALLY INDICATED ON THE DRAWINGS, OR AS FIELD CONDITIONS MAY WARRANT.
- SEED MIX, FERTILIZER AND MULCHING MATERIALS SHALL COMPLY WITH SECTION M6 OF MHD STANDARD SPECIFICATIONS FOR ROADSIDE DEVELOPMENT MATERIALS. SUBMITTAL REQUIREMENTS MAY INCLUDE PRODUCT LABELS OR LABORATORY ANALYTICAL TESTING, AS MAY BE REQUESTED BY THE OWNER OR THEIR AGENTS.

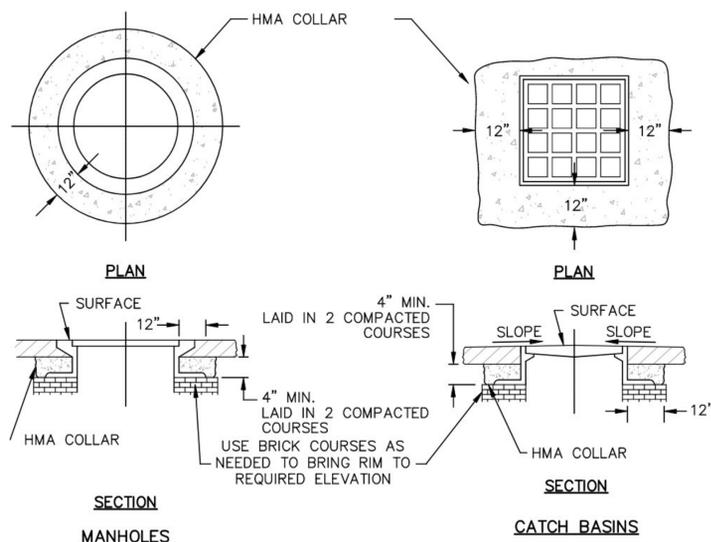
**LOAM & SEED**  
NOT TO SCALE



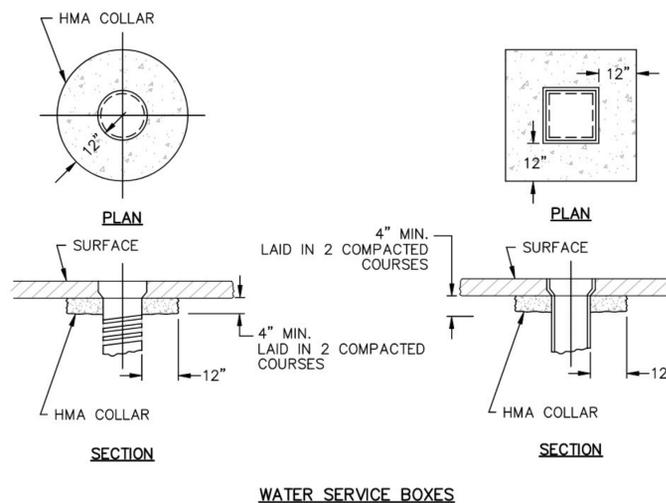
**VERTICAL GRANITE CURB**  
N.T.S.



**MONOLITHIC CAPE COD (SHOE) BERM DETAIL**  
N.T.S.



**DETAILS FOR RAISING CASTINGS**  
N.T.S.



**WATER SERVICE BOXES**

100% CONSTRUCTION DOCUMENTS  
EOHLC PROJECT #197161

DETAILS I

PARKING LOT & WALKWAY UPGRADES  
NORTH ATTLEBOROUGH HOUSING AUTHORITY  
NORTH ATTLEBOROUGH, MASSACHUSETTS

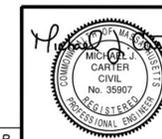
**GCG ASSOCIATES, INC.**

WILMINGTON MASSACHUSETTS

SCALE: NOT TO SCALE DATE: NOVEMBER 12, 2025

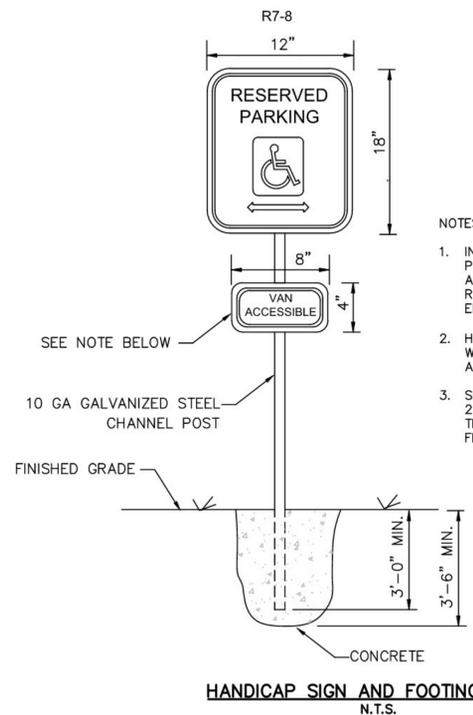
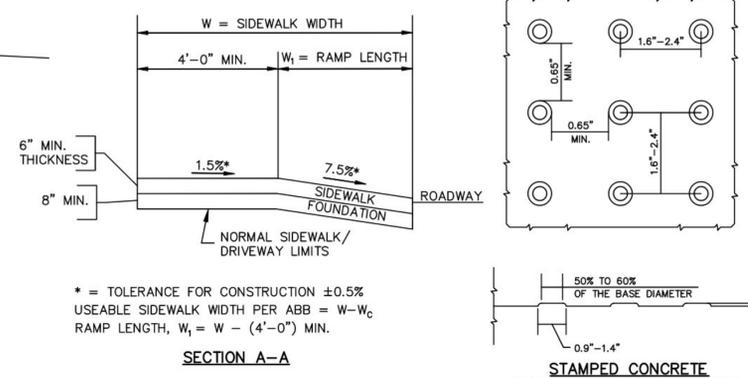
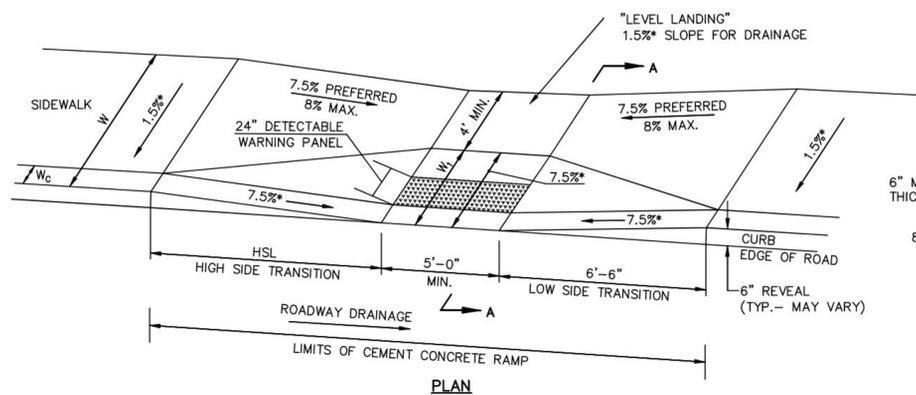
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DESIGNED BY: W.R.H.  
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CHECKED BY: M.J.C.

PLAN NO.  
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01/28/2026

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- NOTES:
1. INSTALL NEW SIGNS AT HANDICAP PARKING LOCATIONS. EXISTING ACCESSIBLE PARKING SIGNS MAY BE REUSED AT THE DISCRETION OF THE ENGINEER OR HOUSING AUTHORITY.
  2. HANDICAP SPACES ADJACENT TO 8' WIDTH PAINTED AISLES SHALL HAVE THE ADDITIONAL VAN ACCESSIBLE SIGN.
  3. SIGNAGE SHALL COMPLY WITH 521 CMR 23.6. SUCH SIGN SHALL BE NO LESS THAN FIVE FEET NOR MORE THAN EIGHT FEET TO THE TOP OF THE SIGN.

**DETAIL NOTES:**

1. ALL HANDICAP RAMPS SHALL BE PORTLAND CEMENT CONCRETE 6" THICK.
2. CURBING FOR ALL CONCRETE RAMPS SHALL BE VERTICAL GRANITE CURB (Wc=6") OR SLOPED GRANITE CURB (Wc=0"), SEE PLAN FOR TYPE.
3. THE DIMENSIONS SHOWN AT ROADWAY EDGE ARE FIXED DISTANCES.
4. RAMP CROSS SECTION TO BE SAME AS ADJACENT SIDEWALK; e.g DEPTH OF SURFACES.
5. PORTLAND CEMENT CONCRETE RAMPS ARE TO BE TEXTURED BY BROOMING IN A DIRECTION PARALLEL TO THE LENGTH OF THE RAMP.
6. THESE DIMENSIONS ARE SUBJECT TO CHANGE IN THE FIELD IF EXISTING APPURTENANCES OR CONDITIONS WILL MAKE THE RAMP LOCATIONS IMPRACTICAL OR UNSAFE.

ROADWAY PROFILE GRADE %	*HIGH SIDE TRANSITION LENGTH
0	6'-6"
> 0 - 1	7'-8"
> 1 - 2	9'-0"
> 2 - 3	11'-0"
> 3 - 4	14'-0"
> 4	15'-0" MAX.

* BASED ON DESIGN SLOPE = 7.5% AND A CURB REVEAL OF 6".

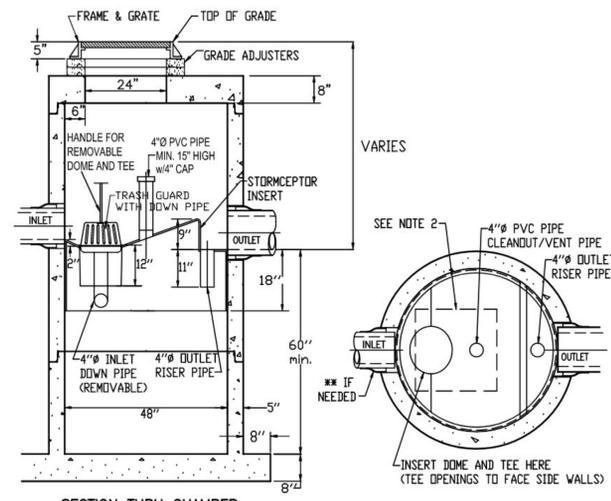
**CURB TRANSITION LENGTH FOR WHEELCHAIR RAMPS**

**WHEELCHAIR RAMP NOTES**

1. ROADWAY SIDEWALK CROSS SLOPES, FOR BRICK, CEMENT CONCRETE, AND HMA, AS INDICATED IN THE STANDARD SPECIFICATIONS, WILL BE 1.5% A CONSTRUCTION TOLERANCE OF ±0.5% IS ACCEPTABLE ON ROADWAY SIDEWALKS. IN ACCORDANCE WITH 521 CMR THE RULES AND REGULATIONS OF THE ARCHITECTURAL ACCESS BOARD (AAB), THE SIDEWALK CROSS SLOPE CANNOT EXCEED 2.0%.
2. AN UNOBSTRUCTED PATH OF TRAVEL WITH A MINIMUM WIDTH OF 3'-3" SHALL BE MAINTAINED PAST ALL OBSTRUCTIONS (UTILITY POLES, SIGNS, SIGNAL FOUNDATIONS AND MASTS, MAILBOXES, ALONG DRIVE OPENINGS, ETC.).
3. THE WHEELCHAIR RAMP SLOPES AND SIDE SLOPES (TRANSITIONS) WILL BE 7.5% WITH A CONSTRUCTION TOLERANCE OF ±0.5% HOWEVER, THESE SLOPES MAY BE FLATTER WHEN WARRANTED BY SURROUNDING CONDITIONS.
4. IF THE ROAD PROFILE EXCEEDS 4%, THE HIGH SIDE TRANSITION LENGTH UNDER ANY CONDITIONS NEED NOT EXCEED 15'.
5. IN NO CASE WHERE A STOP LINE IS WARRANTED, SHALL A RAMP BE PLACED ON THE TRAFFIC APPROACH SIDE OF THAT STOP LINE.
6. FIXED OBJECTS (I.E. UTILITY POLES, HYDRANTS, SIGNS, SIGNAL FOUNDATIONS, ETC.) MUST NOT ENCR OACH UPON ANY PART OF THE WHEELCHAIR RAMP INCLUDING TRANSITION SLOPES.
7. AT NO TIME IS ANY PART OF THE WHEELCHAIR RAMP, EXCLUDING CURB TRANSITIONS, TO BE LOCATED OUTSIDE THE CROSSWALK OR PEDESTRIAN TRAVEL PATH. THE WHEELCHAIR RAMP ENTRANCE IS TO BE CENTERED IN THE CROSSWALK OR PEDESTRIAN TRAVEL PATH WHENEVER POSSIBLE.
8. CATCH BASINS WHICH ARE IN THE VICINITY OF A WHEELCHAIR RAMP SHALL BE LOCATED UPGRADE OF THE RAMP ENTRANCE.
9. THE ENTRANCE OF A WHEELCHAIR RAMP SHALL BE FLUSH WITH THE ROADWAY.
10. TESTING SURFACE: WHEN TESTING WITH A STRAIGHTEDGE PLACED PARALLEL TO THE LINE OF THE SLOPE THERE SHALL BE NO DEVIATION FROM A TRUE SURFACE IN EXCESS OF 1/4".
11. SIDEWALK CONSTRUCTION SHALL BE IN CONFORMANCE WITH MASS HIGHWAY CONSTRUCTION STANDARDS FOR WHEELCHAIR RAMPS.

**TYPICAL WHEELCHAIR RAMP CONDITION**

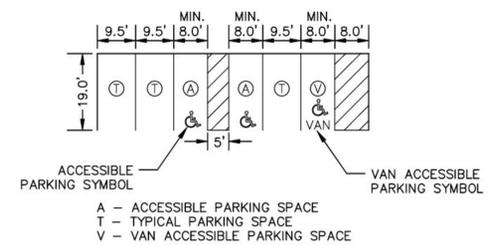
N.T.S.



- NOTE :
1. THE USE OF FLEXIBLE CONNECTIONS IS RECOMMENDED AT THE OUTLET WHERE APPLICABLE.
  2. THE COVER SHOULD BE POSITIONED OVER THE 4"Ø CLEANOUT/VENT PIPE AND THE 4"Ø INLET DOWN PIPE.
  3. THE STORMCEPTOR SYSTEM IS PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.

**STORMCEPTOR STC 450i DETAIL**

N.T.S.



- NOTES:
1. VAN ACCESSIBLE SPACES MUST HAVE AN 8' WIDE MINIMUM ACCESS AISLE.
  2. ALL OTHER ACCESS AISLES SHALL BE 5' WIDE, MINIMUM.
  3. TYPICAL PARKING STALLS SHALL BE 9' WIDE UNLESS NOTED ON THE PLANS.
  4. ACCESSIBLE SPACES AND AISLES 2% MAX SLOPE IN ANY DIRECTION.
  5. RE-NUMBER PARKING SPACES WHERE APPLICABLE.

**TYPICAL LINE STRIPING DETAIL**

N.T.S.

100% CONSTRUCTION DOCUMENTS  
EOHLC PROJECT #197161

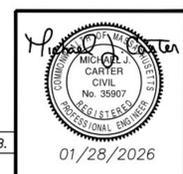
**DETAILS II**

PARKING LOT & WALKWAY UPGRADES  
NORTH ATTLEBOROUGH HOUSING AUTHORITY  
NORTH ATTLEBOROUGH, MASSACHUSETTS

**GCG ASSOCIATES, INC.**  
WILMINGTON MASSACHUSETTS

SCALE: NOT TO SCALE DATE: NOVEMBER 12, 2025

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**EROSION AND SEDIMENT CONTROL MAINTENANCE**

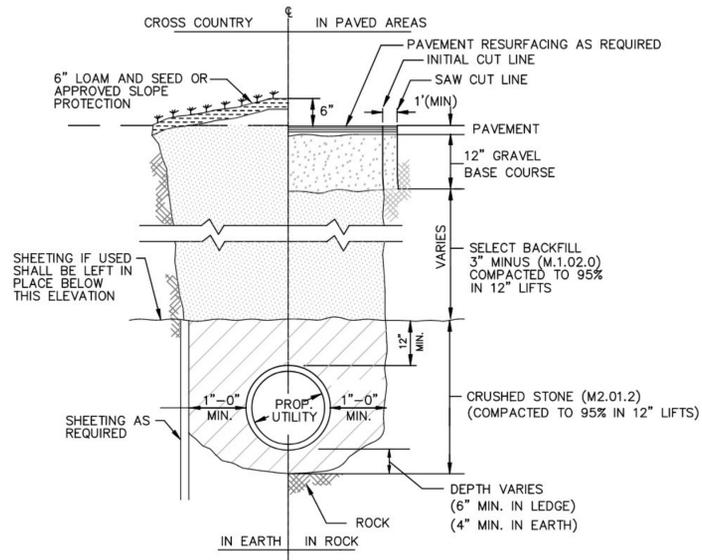
DURING CONSTRUCTION, AS SMALL AN AREA OF SOIL AS POSSIBLE SHOULD BE EXPOSED OR AS SHORT A TIME AS POSSIBLE. AFTER CONSTRUCTION, GRADE, RESPREAD TOPSOIL, AND STABILIZE SOIL BY SEEDING AND MULCHING AS TO PREVENT EROSION.

ALL SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE INSPECTED DURING CONSTRUCTION ON A DAILY BASIS AND FOLLOWING ALL STORMS BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL MAINTAIN AND MAKE REPAIRS AND REMOVE SEDIMENT AS REQUESTED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE PERFORMED WITHIN 24 HOURS OF REQUEST.

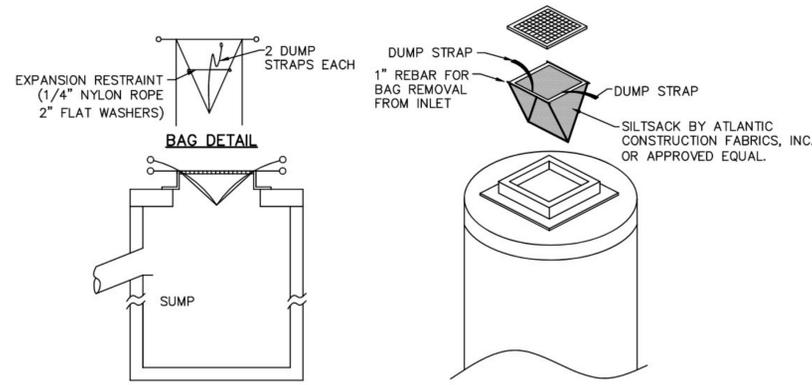
THE CONTRACTOR SHALL CLEAN SEDIMENT AND DEBRIS FROM ALL DRAINAGE STRUCTURES, AND PIPES AT THE COMPLETION ON CONSTRUCTION, THE CONTRACTOR SHALL REPAIR ALL ERODED AREAS AND ENSURE A GOOD STAND OF TURF IS ESTABLISHED THROUGHOUT. THE CONTRACTOR SHALL REPAIR ALL ERODED OR DISPLACED RIPRAP, AND CLEAN SEDIMENT COVERED STONES.

TRENCHES WITHIN PAVED ROADWAY TO BE CLOSED WITH 3" TEMPORARY PAVEMENT AT THE END OF EACH WORK DAY.

CONTRACTOR TO PERFORM STREET SWEEPING AT THE END OF EACH WORK DAY.



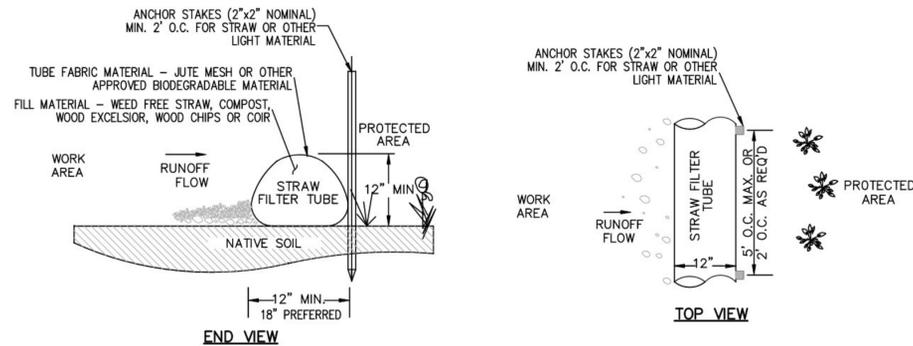
**TYPICAL DRAIN TRENCH DETAIL**  
N.T.S.



**INSTALLATION DETAIL**

**SILTSACK DETAIL**  
N.T.S.

1. SILT SACKS SHALL BE INSTALLED IN ALL CATCH BASINS DURING CONSTRUCTION PERIOD.
2. INSPECTION SHALL BE WEEKLY AND REPAIR/REPLACEMENT MADE PROMPTLY AS NEEDED.
3. SILT SACKS SHALL BE KEPT CLEAN AND FREE OF DEBRIS.



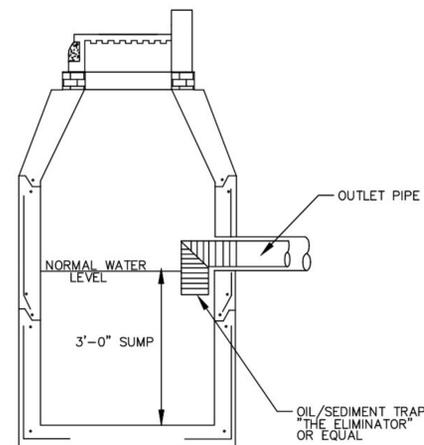
**END VIEW**

**TOP VIEW**

**NOTES:**

1. TUBES MAY BE FILLED ON SITE OR SHIPPED.
2. ENSURE PROPER LOCATION AT SITE FOR EFFECTIVENESS.
3. TUBES SHALL BE PLACED AND STAKED IN PLACE AS REQUIRED TO ENSURE STABILITY AGAINST WATER FLOWS.
4. TUBES FILLED WITH LIGHT MATERIAL SHALL BE STAKED AT A MAXIMUM OF 2 FEET ON CENTER. FOR HEAVIER MATERIAL, 5 FEET ON CENTER.
5. TUBES SHALL BE TAMPED TO ENSURE GOOD CONTACT WITH SOIL.
6. INSPECT AFTER EACH RAINFALL OR DAILY DURING RAINFALL EVENTS. CORRECT ALL DEFICIENCIES IMMEDIATELY.
7. FAILURE INCLUDES BUT IS NOT LIMITED TO WASHOUT, OVERTOPPING, CLOGGING, AND EROSION. IF OVERTOPPING OR WASHOUT OCCURS, NEW FILTER TUBES WITH ADDITIONAL STAKING OR STRAW MATERIAL SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER.
8. FILTER TUBES SHALL BE REMOVED ONCE SITE WORK IS COMPLETE, SITE IS STABLE, ADEQUATE GROWTH HAS BEEN ESTABLISHED AND AS DIRECTED BY THE ENGINEER. TUBE FABRIC SHALL BE CUT, REMOVED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR AT NO ADDITIONAL COST.

**STRAW FILTER TUBE DETAIL**



**EXISTING CATCH BASIN**  
NOT TO SCALE

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**DETAILS IV**

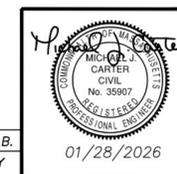
**PARKING LOT & WALKWAY UPGRADES  
NORTH ATTLEBOROUGH HOUSING AUTHORITY  
NORTH ATTLEBOROUGH, MASSACHUSETTS**

**GCG ASSOCIATES, INC.**

WILMINGTON MASSACHUSETTS

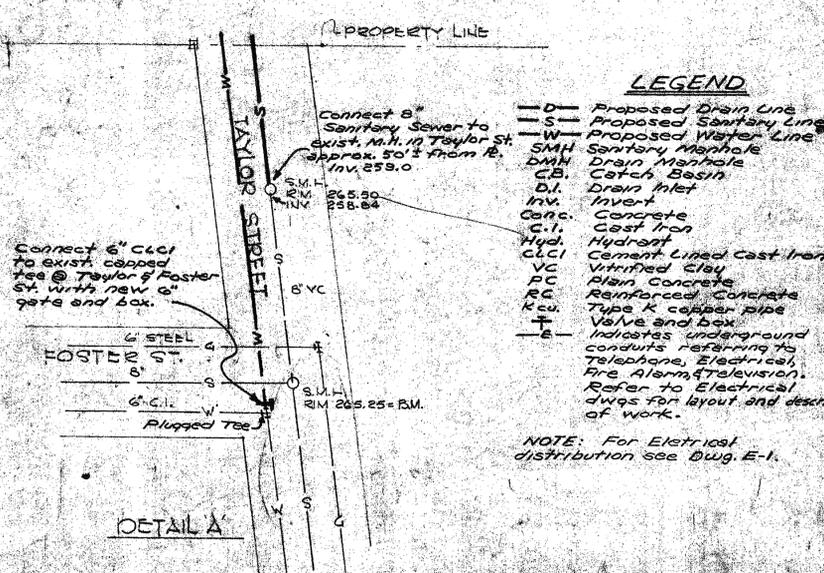
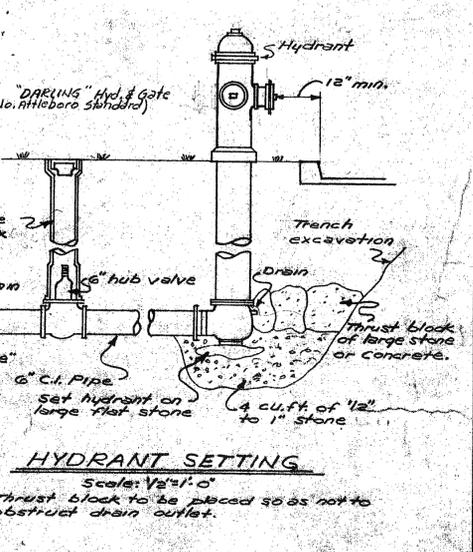
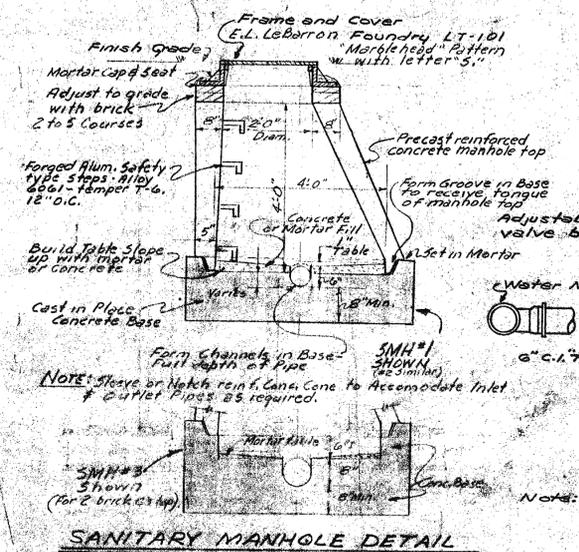
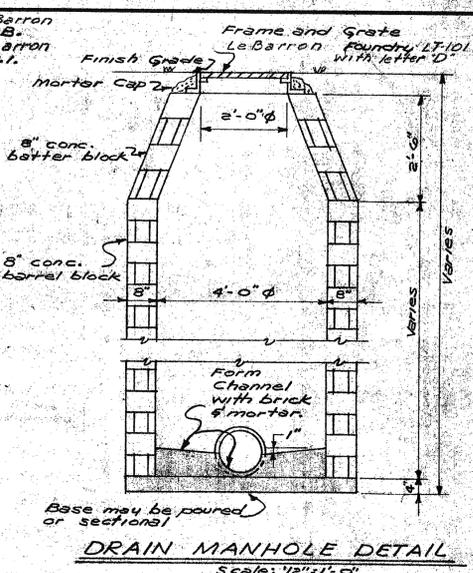
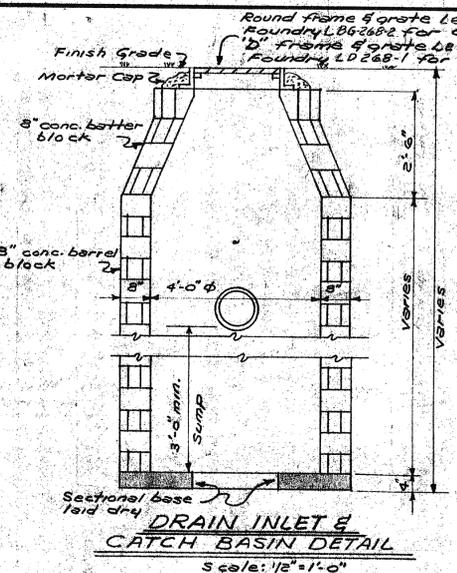
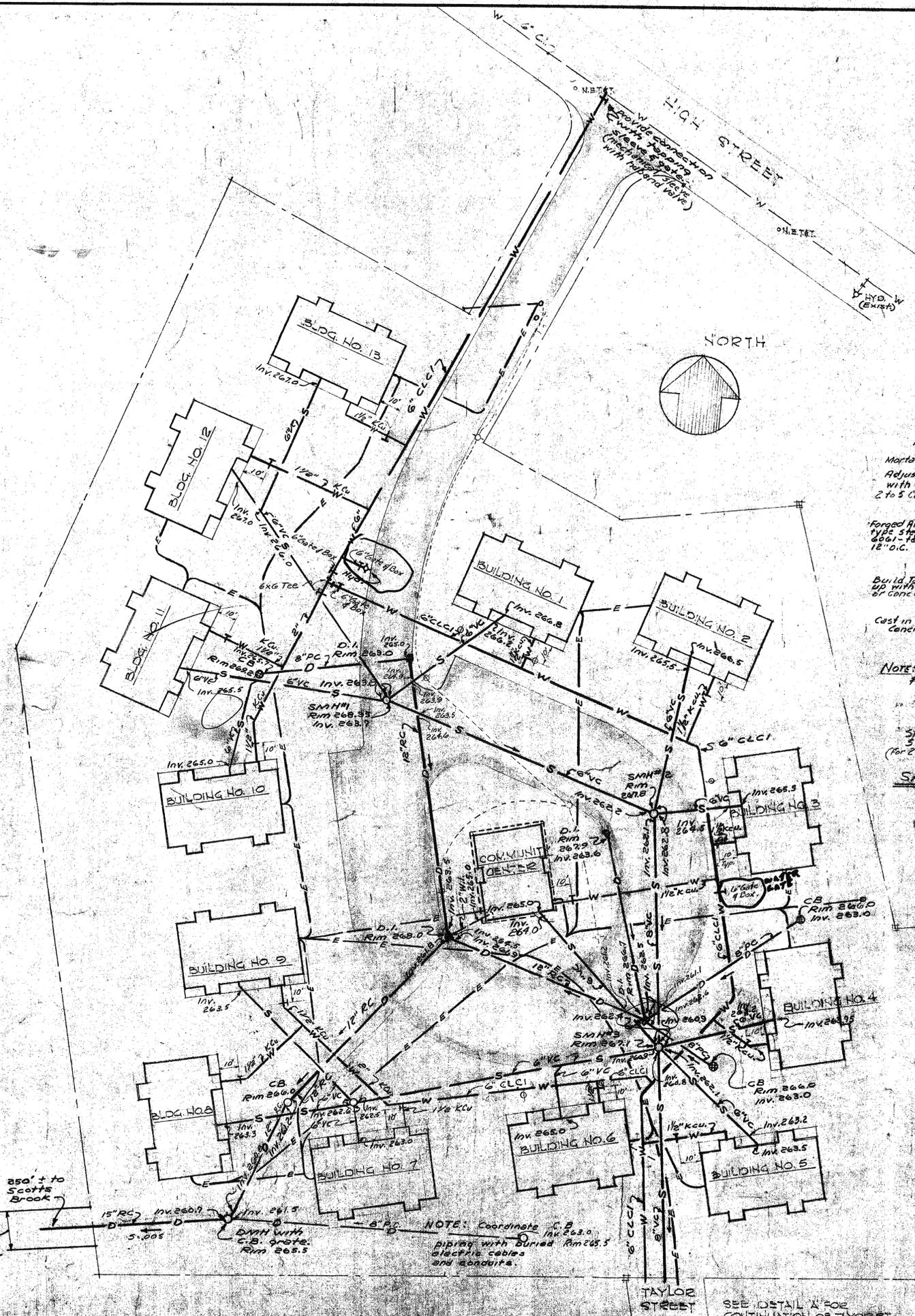
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PLAN NO. 10 OF 10



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HOUSING FOR THE ELDERLY  
NORTH ATTLEBOROUGH, MASS.

NORTH ATTLEBOROUGH  
HOUSING AUTHORITY

STATE-AIDED PROJ. NO. 667-1

BEACON ARCHITECTURAL ASSOCIATES  
8 BEACON STREET BOSTON, MASS.

COMM. NO. 217

DATE: MARCH 1967

B.A.A. CHK. V.D.A.

GLEVERDON, VARNEY & PIKE  
120 TREMONT ST. BOSTON, MASS.

CONSULTING ENGINEER

OWN: TFM    CHK: RED

SCALE: 1" = 30'-0"

UTILITY SITE PLAN