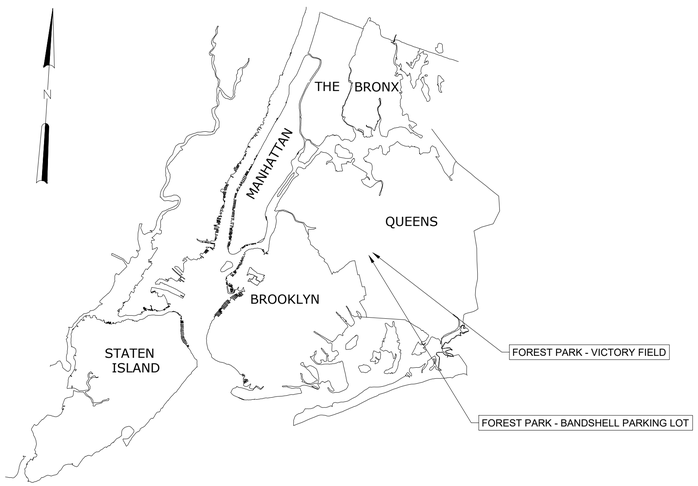
NEW YORK CITY ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL PLANNING & ANALYSIS

NYC Parks

ON-SITE GREEN INFRASTRUCTURE
DEP CAPITAL CONTRACT NO. GI-CONS-8
VOLUME 1 - BID SETS
NOVEMBER 2026



PARK NAME	PARK ID	RESPONSIBLE DESIGN FIRM	ADDRESS
FOREST PARK - BANDSHELL PARKING LOT	Q015	ARCADIS	FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, NY, 11421
FOREST PARK - VICTORY FIELD	Q015	ARCADIS	WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY, 11421

John McLaughlin
Digitally signed by John McLaughlin
Date: 2026.11.02 16:06:16 -05'00'

JOHN MCLAUGHLIN
MANAGING DIRECTOR
OFFICE OF ECOSYSTEM SERVICES, GREEN INFRASTRUCTURE AND RESEARCH
BUREAU OF ENVIRONMENTAL PLANNING & ANALYSIS, NYCDEP

Lisa F. Garcia
Digitally signed by Lisa F. Garcia
Date: 2026.11.02 15:47:53 -05'00'

LISA F. GARCIA
COMMISSIONER
NYCDEP

SHEET LIST		
SHEET NUMBER (PDF)	**DRAWING NO.**	**SHEET TITLE**
1	O - 1	BID PACKAGE COVER
2	O - 2	TABLE OF CONTENTS
3	O - 3	WORK RESTRICTIONS TABLE
4	O - 4	DIVIDER SHEET - ARCADIS
7	G001	COVER - FOREST PARK - BANDSHELL PARKING LOT
41	G001	COVER - FOREST PARK - VICTORY FIELD

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK

LOT

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE

DRAWING TITLE
TABLE OF CONTENTS

DESIGNED BY	DRAWN BY	CHECKED BY
J. BRENNAN	D. THOMAS	A. EASON

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	N/A	O-2	GI-CONS-8
	DATE NOV 2026		SHEET No. 2 OF 73 SHEETS

PARK NAME	CONSULTANT	NYC PARKS SITE (7 AM - 5 PM)	JOINTLY OPERATED PLAYGROUND (9AM - 6PM)	RESTRICTED MONTHS FOR CONSTRUCTION WITHIN JOINTLY OPERATED PLAYGROUNDS	
				APRIL-JUNE (PUBLIC ELEMENTARY SCHOOLS)	JANUARY, MARCH - JUNE, AUGUST (PUBLIC HIGH SCHOOL)
FOREST PARK - BANDSHELL PARKING LOT	ARCADIS	X			
BROWNSVILLE PLAYGROUND	ARCADIS	X			

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK

LOT

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE

DRAWING TITLE
WORK RESTRICTIONS TABLE

DESIGNED BY	DRAWN BY	CHECKED BY
AK	AK	WS/AK

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	N/A		GI-CONS-8
	DATE NOV 2026		SHEET No. 3 OF 73 SHEETS

THE FOLLOWING SHEET SET WAS DEVELOPED BY ARCADIS.
ANY DETAILS WITHIN THIS SHEET SET ARE ONLY APPLICABLE TO THE SITE DESIGNED BY ARCADIS, AS LISTED BELOW.

- FOREST PARK - BANDSHELL PARKING LOT
- FOREST PARK - VICTORY FIELD

NYC Environmental Protection
CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks
CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK

LOT

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE

DRAWING TITLE
DIVIDER SHEET - ARCADIS

DESIGNED BY	DRAWN BY	CHECKED BY
AK	AK	WS/AK

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	N/A		GI-CONS-6

DATE
NOV2026

SHEET No. 4 OF 73 SHEETS

GENERAL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK AND VERIFY ALL SITE CONDITIONS, BOTH ABOVE AND BELOW THE SURFACE, PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING, PRIOR TO THE COMMENCEMENT OF WORK.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS.
3. WORK PERFORMED UNDER THIS CONTRACT SHALL COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL SAFETY AND OCCUPATIONAL HEALTH LAWS AND REGULATIONS. WHERE THE REQUIREMENTS OF THE SPECIFICATIONS, APPLICABLE LAWS, CRITERIA, ORDINANCES, REGULATIONS, AND REFERENCED DOCUMENTS VARY, THE OWNER SHALL BE CONTACTED AND WILL PROVIDE AN INTERPRETATION FOR THE CONTRACTOR.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THEIR WORK AND NEWLY INSTALLED WORK, AND PROVIDE APPROPRIATE BARRIERS AND SAFETY GUARD RAILS, AS REQUIRED.
5. ALL STREETS, ROADWAYS, AND ACCESS AREAS SHALL REMAIN UNOBSTRUCTED DURING CONSTRUCTION. THE NEED TO TEMPORARILY BLOCK OR CLOSE OFF THESE AREAS SHALL BE COORDINATED WITH THE ENGINEER AND NYC DEP. ADDITIONAL COORDINATION AND PERMITTING WITH NYC DOT AND/OR NYPD MAY BE REQUIRED AND IS THE RESPONSIBILITY OF THE CONTRACTOR, PER GENERAL NOTE 9.
6. ALL AREAS OF THE SITE IMPACTED BY TEMPORARY FACILITIES SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, BY THE CONTRACTOR, AS DETERMINED BY THE ENGINEER.
7. THE CONTRACTOR SHALL MAINTAIN, AT THE JOB SITE, ONE SET OF FULL-SIZE CONTRACT DRAWINGS MARKED TO SHOW ANY DEVIATIONS THAT HAVE BEEN MADE FROM THE CONTRACT DRAWINGS, INCLUDING BURIED OR CONCEALED CONSTRUCTION AND UTILITY FEATURES REVEALED DURING THE COURSE OF CONSTRUCTION. THESE DRAWINGS SHALL BE AVAILABLE FOR REVIEW BY THE ENGINEER AT ALL TIMES. UPON COMPLETION OF THE INSTALLATION OF NEW WORK THE CONTRACTOR SHALL TURN OVER TO OWNER AND ENGINEER ONE (1) SET OF REPRODUCIBLE AS-BUILT DRAWINGS AND ONE (1) SET OF PRINTS OF AS-BUILT DRAWINGS INCLUDING ALL APPROVED FIELD CHANGES AND DESIGN DEVIATIONS PRIOR TO REQUEST FOR FINAL PAYMENT.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE NYC DPR DETAILS BEING USED FOR CONSTRUCTION ARE IN THE MOST RECENT VERSION ISSUED.
9. THE CONTRACTOR SHALL FILE PLANS WITH GOVERNING LOCAL AND STATE AUTHORITIES HAVING JURISDICTION AND SHALL SECURE ALL PERMITS AND PAY ALL FEES REQUIRED FOR INSTALLATION OF THEIR WORK, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR ANY SPECIAL INSPECTIONS REQUIRED, INCLUDING ANY ASSOCIATED COSTS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES PRIOR TO COMMENCING WORK.
10. THE CONTRACTOR SHALL INDEMNIFY NYC DEP, THEIR REPRESENTATIVES, AND THE ENGINEER FROM ANY CLAIMS OR SUITS RESULTING FROM NEGLIGENCE ON THE PART OF THE CONTRACTOR FOR FAILING TO EXECUTE THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
11. WORK SHALL BE PERFORMED BY LICENSED CONTRACTORS AND WORKERS EXPERIENCED IN THE TRADE HAVING JURISDICTION. WORK SHALL BE SUPERVISED AT ALL TIMES.
12. ANY DEVIATION OR CHANGE IN DESIGN SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE ENGINEER. WORK INSTALLED WITHOUT PRIOR APPROVAL OF THE ENGINEER OR NYC DEP OR FOUND TO BE DEFECTIVE OR OF POOR QUALITY SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
13. ALL CONSTRUCTION WORK SHALL BE CONFINED TO THE CONTRACT LIMIT LINE INDICATED ON THE DRAWINGS.
14. OPTION 1 (FOR JOP SITES): ALL WORK SHALL BE PERFORMED DURING NORMAL WORKING HOURS: 9:00 A.M. TO 6:00 P.M. MONDAY THROUGH FRIDAY EXCEPT LEGAL HOLIDAYS OR FOR EMERGENCY REPAIRS, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
OPTION 2 (FOR REGULAR PARK SITES): ALL WORK SHALL BE PERFORMED DURING NORMAL WORKING HOURS: 7:00 A.M. TO 3:00 P.M. MONDAY THROUGH FRIDAY EXCEPT LEGAL HOLIDAYS OR FOR EMERGENCY REPAIRS, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
IF OPTION 1 IS CHOSEN, ADD THE FOLLOWING AS NOTE 15 AND RENUMBER THE SUBSEQUENT NOTES:
15. STATE TESTING OCCURS AT <NAME OF SCHOOL> DURING <DURATION OF TESTING>. NO WORK SHALL OCCUR DURING STATE
15. TESTING UNLESS AUTHORIZED IN BY A SCHOOL REPRESENTATIVE A MINIMUM OF TWO WEEKS IN ADVANCE.WORK AREA SHALL BE LEFT BROOM CLEAN AT THE END OF EACH DAY. DISCARDED AND DEMOLISHED MATERIAL AND RUBBISH SHALL BE REMOVED FROM PREMISES DAILY AND DISPOSED IN A LEGAL AND APPROVED MANNER.
16. ALL WORK SHOWN ON ALL DRAWINGS IS NEW UNLESS OTHERWISE NOTED.
17. THE CONTRACTOR SHALL COORDINATE WITH NYC DEP THE SUPPLY OF TEMPORARY POWER, POTABLE WATER, AND LIGHTING, AS REQUIRED TO PERFORM THE WORK. OBTAINING AND PAYING FOR SUCH TEMPORARY UTILITIES ARE THE CONTRACTOR'S RESPONSIBILITY.
18. STAGING AREA TO BE DESIGNATED PRIOR TO MOBILIZATION AND TO BE APPROVED BY THE ENGINEER AND NYC DEP.
19. CONTRACTOR SHALL COORDINATE AND SCHEDULE CONSTRUCTION ACTIVITIES WITH SITE ACTIVITIES, AS TO NOT INTERFERE WITH NORMAL SITE OPERATION, AND AS REQUIRED TO NOT IMPEDE THE PROGRESS OF RELATED PROJECT WORK.
20. COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK.
21. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHEETING AND BRACING IN ALL TRENCHES OR EXCAVATIONS FOR STRUCTURES, WHERE NECESSARY FOR THE PROPER PROTECTION OF PERSONS OR PROPERTY. WHERE THE DEPTH OF EXCAVATION EXCEEDS FIVE (5) FEET, SHEETING AND NECESSARY BRACING MUST BE INSTALLED FOR THE DEPTH EXCEEDING FIVE (5) FEET AND WILL BE PAID FOR UNDER TEMPORARY SHEETING. BENCHED EXCAVATION MAY BE USED TO REDUCE THE AMOUNT OF SHEETING REQUIRED. ALL SHORING WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF LABOR, INDUSTRIAL CODE RULE 23 AND TITLE 29 CODE OF FEDERAL REGULATIONS PART 1926, SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION (OSHA). THE TYPE OF SHEETING AND BRACING SHALL BE SATISFACTORY TO THE ENGINEER AND SUBJECT TO THEIR APPROVAL, BUT THE APPROVAL OF THE ENGINEER OF A METHOD TO BE USED DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY FOR PROTECTION AND SAFETY. WHEN SHEETING IS USED IN TRENCHES OR EXCAVATIONS FOR STRUCTURES OF LESS THAN FIVE (5) FEET IN DEPTH, THE COST OF SUCH SHEETING AND BRACING, UNLESS ORDERED LEFT IN PLACE, SHALL BE INCLUDED IN THE PRICE BID FOR UNCLASSIFIED EXCAVATION, AND PAYMENT WILL BE MADE FOR SUCH EXCAVATION AS SHOWN ON THE DRAWINGS.
22. THE CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY WITHOUT COMPROMISING THE QUALITY OF THE WORK.
23. ADDITIONAL NOTES THAT ARE APPLICABLE TO THIS PROJECT MAY BE FOUND THROUGHOUT THE CONTRACT DRAWINGS.
24. CONTRACTOR SHALL NOT PERFORM ANY WORK BETWEEN JUNE AND AUGUST.

REMOVAL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK AND VERIFY ALL SITE CONDITIONS, BOTH ABOVE AND BELOW THE SURFACE, PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING, PRIOR TO THE COMMENCEMENT OF WORK.
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THIS WORK. THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH APPLICABLE AGENCIES, UTILITY COMPANIES, AND/OR SUB-CONTRACTORS.
3. IT IS MANDATORY, AS PER NYS INDUSTRIAL CODE RULE 53, FOR THE CONTRACTOR TO NOTIFY NEW YORK 811, 60 KNICKERBOCKER AVENUE, BOHEMIA NY 11716, TEL. 800.272.4480 PRIOR TO THE START OF WORK. THE ONE-CALL CENTER IS ALWAYS OPEN. THE ONE-CALL CENTER WILL THEN NOTIFY MEMBER FIRMS WITH OPERATIONS IN THE SITE AREA OF THE CONTRACTOR'S PENDING EXCAVATION OPERATIONS. THE CONTRACTOR WILL RECEIVE A NOTIFICATION TICKET FROM THE ONE-CALL CENTER WHICH SHOULD BE PRESENTED TO THE ENGINEER AS PROOF OF THE CALL. THERE IS NO CHARGE FOR THIS SERVICE. THIS PROCESS ENSURES THAT UTILITY SERVICE LINES ARE PROPERLY MARKED PRIOR TO EXCAVATION TO MINIMIZE FACILITY DAMAGE, ON THE JOB INJURIES, AND CONTRACTOR'S LIABILITY. IN ADDITION, ALL UNDERGROUND FACILITY OPERATORS IN THE AREA WHO ARE NOT ONE-CALL MEMBERS SHALL BE NOTIFIED NOT LESS THAN TWO (2) FULL BUSINESS DAYS AND NOT MORE THAN TEN (10) FULL BUSINESS DAYS BEFORE COMMENCING EXCAVATION.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGE AND/OR RESTORE ANY INTERRUPTION TO ANY UTILITY SERVICE THAT MAY BE CAUSED BY THE CONTRACTOR'S CONSTRUCTION OR EQUIPMENT, AT THE CONTRACTOR'S EXPENSE, WITH NO ADDITIONAL EXPENSE TO THE CITY OF NEW YORK OR UTILITY COMPANY.
5. THE CONTRACTOR IS TO USE CARE DURING CONSTRUCTION TO AVOID DISTURBING OR DAMAGING ADJACENT ABOVE-GRADE OR SUBGRADE STRUCTURES, FACILITIES, CURBS, PAVEMENTS, AND PERIMETER FENCING. ANY DAMAGE RESULTING FROM THIS WORK WILL BE RESTORED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
6. WHERE NEW CONSTRUCTION ABUTS EXISTING PAVEMENTS, CURBS, OR WALLS, THE EXISTING MATERIALS SHALL BE CLEANLY SAWCUT TO PROVIDE A CLEAN, NEAT MATCH AND A SMOOTH, FLUSH TRANSITION, AS DIRECTED BY THE ENGINEER. ALL SAWCUTTING SHALL BE DONE TO NEAT, STRAIGHT, AND ACCURATE LINES. CONTRACTOR SHALL PROVIDE EXPANSION JOINTS (TIE ROD AND/OR SLIP JOINT) WHERE OLD AND NEW CURBS MEET.
7. THE CONTRACTOR SHALL DISPOSE OF ALL ITEMS AND MATERIALS REMOVED AND NOT SALVAGED, INCLUDING ALL EXCAVATED MATERIAL, OFF-SITE AND IN A LEGAL MANNER. THE CONTRACTOR SHALL REMOVE, EXCAVATE, AND DISPOSE OF ALL MATERIALS ACCORDING TO CONTRACT SPECIFICATIONS.
8. ALL EXISTING PIPING TO BE MAINTAINED EXCEPT FOR WITHIN 3 FEET OF PROPOSED DRAINAGE STRUCTURES AND AS SHOWN. IF EXISTING PIPING BEYOND 3 FEET FROM THE PROPOSED STRUCTURES IS OBSERVED TO BE DAMAGED AT NO FAULT OF THE CONTRACTOR, THE ENGINEER SHALL PROVIDE DIRECTION AS TO EXTENTS OF REPLACEMENT.
9. THE CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT THE ROOT SYSTEMS OF EXISTING TREES. BULK MATERIAL, EQUIPMENT, OR VEHICLES SHALL NOT BE STOCKPILED OR PARKED WITHIN THE TREE PROTECTION ZONE.

LAYOUT & MATERIAL NOTES

1. NO CHANGES SHALL BE MADE TO THE DESIGN OR LAYOUT WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER. LAYOUT THE WORK AS DIMENSIONED ON THE PLANS. WRITTEN DIMENSIONS SHALL GOVERN. DO NOT SCALE DISTANCES.
2. CONTRACTOR SHALL STAKE LOCATION OF ALL GREEN INFRASTRUCTURE PRACTICES FOR APPROVAL BY THE ENGINEER PRIOR TO EXCAVATION WORK.
3. CONTRACTOR SHALL LAYOUT IN THE FIELD THE ALIGNMENT AT ALL PATHS, PAVEMENTS, CURBLINES FOR REVIEW BY THE ENGINEER PRIOR TO THE START OF WORK. ADJUSTMENTS MAY BE MADE ONLY AS DIRECTED BY THE ENGINEER. CONTRACTOR MAY NOT PROCEED WITH CONSTRUCTION OF IMPROVEMENTS UNTIL THEY HAVE RECEIVED THE FINAL APPROVAL OF THE LAYOUT FROM THE ENGINEER.
4. ALL NEW PAVEMENTS AND CURBS AND EXISTING PAVEMENTS AND CURBS TO REMAIN SHALL MEET IN SMOOTH FLUSH CONDITION UNLESS NOTED OTHERWISE.
5. NEW CURBS, WALLS, AND PAVEMENTS SHALL BE BUILT TO A SMOOTH EVEN FINISH WITH A CONSISTENT TOP AND PROFILE WITHOUT WAVES OR IRREGULARITIES. ANY WORK NOT MEETING THIS QUALITY STANDARD SHALL BE RECONSTRUCTED AT THE CONTRACTOR'S EXPENSE.
6. THE CONTRACTOR SHALL EXERCISE CARE DURING EXCAVATION OPERATIONS TO AVOID DISTURBING ADJACENT FACILITIES, SUB GRADE STRUCTURES AND TREES. ALL DAMAGE RESULTING FROM THE CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE REPAIRED AT NO EXPENSE TO THE CITY AND THE AGENCY. ALL REPAIR WORK SHALL BE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
7. IN AREAS WHERE NEW PAVEMENTS FALL WITHIN THE TREE PROTECTION ZONE OF EXISTING TREES, THE CONTRACTOR SHALL MINIMIZE EXCAVATIONS AT TREE ROOTS BY REDUCING THE AMOUNT OF FOUNDATION MATERIAL AS DIRECTED BY THE ENGINEER.
8. CONTRACTOR SHALL REFER TO NYC DEP'S NYC GREEN INFRASTRUCTURE ON-SITE DESIGN MANUAL (MAY 2019) FOR THE CONSTRUCTION OF ALL GREEN INFRASTRUCTURE PRACTICES.

TREE PROTECTION NOTES

1. NO LAND DISTURBANCE, DEMOLITION, OR CONSTRUCTION ACTIVITIES SHALL BEGIN UNTIL ALL TREE PROTECTION MEASURES HAVE BEEN INSTALLED AS SHOWN ON THE CONTRACT DRAWINGS.
2. CONSTRUCTION ACCESS ROUTE IS DIAGRAMMATIC. FINAL ROUTE SHALL BE ESTABLISHED ON SITE AND APPROVED BY THE RESIDENT ENGINEER, IN CONSULTATION WITH THE BOROUGH FORESTER OR THEIR REPRESENTATIVE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PRESERVATION OF ALL EXISTING TREES NOT LISTED FOR REMOVAL THAT ARE LOCATED COMPLETELY OR PARTIALLY WITHIN THE CONTRACT LIMIT LINE.
4. THE CONTRACTOR SHALL NOTIFY THE BOROUGH FORESTER A MINIMUM OF 48 HOURS IN ADVANCE OF ANY WORK ON OR IMPACTING EXISTING TREES, INCLUDING BUT NOT LIMITED TO TREE PROTECTION, PRUNING, TREE REMOVAL, EXCAVATION WITHIN TREE PROTECTION ZONES, DECOMPACTION, TOPSOIL, AND PLANTING WORK.
5. THE TREE PROTECTION ZONE (TPZ) SHALL CONSIST OF THE CRITICAL ROOT ZONE AND/OR THE CANOPY DRIPLINE; WHICHEVER EXTENT IS GREATER.
6. THE CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT THE ROOT SYSTEMS OF EXISTING TREES. MATERIAL, EQUIPMENT, OR VEHICLES SHALL NOT BE STOCKPILED OR PARKED WITHIN THE TPZ OF ANY TREE COMPLETELY OR PARTIALLY WITHIN THE CONTRACT LIMIT LINE TO MINIMIZE SURFACE AND SUBSURFACE ROOT AND SOIL COMPACTION. IF STOCKPILING OCCURS WITHIN THE TPZ, A STOP WORK ORDER SHALL BE ISSUED IMMEDIATELY, AND WORK SHALL NOT RE-COMMENCE UNTIL ALL STOCKPILED MATERIAL IS REMOVED FROM THE TPZ AND MITIGATION MEASURES ARE PERFORMED TO THE SATISFACTION OF THE RESIDENT ENGINEER IN CONSULTATION WITH THE BOROUGH FORESTER OR THEIR REPRESENTATIVE.
7. IF DIRECTED, THE TPZ SHALL BE COVERED WITH WOOD CHIPS TO A DEPTH OF AT LEAST SIX (6) INCHES, WITH PLYWOOD OR GROUND PROTECTION MATS, OR A COMBINATION THEREOF. SUCH COVERING SHALL BE MAINTAINED FOR THE DURATION OF THE CONTRACT AND IS NOT TO BE REMOVED UNTIL DIRECTED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE. REMOVAL SHALL BE BY HAND OR AS SPECIFIED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE (ITEM "PROTECT EXIST. TREE ROOTS W/ WOOD CHIPS 6" DEPTH" AND "PROTECT EXIST. TREE ROOTS W/ PLYWOOD").
8. TEMPORARY WOODEN TREE GUARDS WITH WRAP FOR INDIVIDUAL TREES, TEMPORARY WOODEN TREE GUARD FOR GROVES, AND TEMPORARY SNOW FENCE BOUNDARY SHALL BE MAINTAINED FOR THE DURATION OF THE CONTRACT AND ARE NOT TO BE REMOVED UNTIL DIRECTED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE.
9. ALL TREES COMPLETELY OR PARTIALLY WITHIN THE CONTRACT LIMIT LINE ARE TO RECEIVE AT LEAST ONE (1) INCH (THE EQUIVALENT OF 750 GALLONS OF WATER PER 1,000 SQUARE FEET OF TREE PROTECTION ZONE) OF WATER PER WEEK BETWEEN THE MONTHS OF MARCH AND OCTOBER. IF RAINWATER IN ANY GIVEN WEEK IS BELOW THIS QUANTITY, THE CONTRACTOR MUST SUPPLEMENT THE AMOUNT RECEIVED BY A METHOD APPROVED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
10. ALL TREE PRUNING AND TREE REMOVAL IS TO BE PERFORMED IN ACCORDANCE WITH ANSI A300 STANDARDS BY AN ARBORIST HOLDING CERTIFICATION FROM THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) OR EQUIVALENT EDUCATION AND EXPERIENCE. ANSI PRUNING TYPES SPECIFIED ON TREE PROTECTION SCHEDULE AND TREE DIAMETERS AT BREAST HEIGHT ARE TO BE CONFIRMED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE BEFORE PRUNING WORK IS PERFORMED.
11. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN REMOVING CONCRETE OR ASPHALT WITHIN THE DRIPLINE OF EXISTING TREES - LIFTING RATHER THAN DRAGGING PIECES OF PAVING. TOOLS FOR THIS ACTIVITY SHALL BE APPROVED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE PRIOR TO THE START OF EXCAVATION.
12. ALL EXCAVATION AND PLANT INSTALLATION WITHIN THE TPZ SHALL BE PERFORMED BY HAND OR PNEUMATICALLY, WITH MINIMAL SOIL DISTURBANCE, AND UNDER THE SUPERVISION OF THE BOROUGH FORESTER OR THEIR REPRESENTATIVE. PLANTS SHALL NOT BE PLACED WITHIN THREE (3) FEET OF THE TREE TRUNK UNLESS APPROVED.
13. NO ROOTS SHALL BE CUT WITHOUT THE WRITTEN AUTHORIZATION OF THE BOROUGH FORESTER OR THEIR REPRESENTATIVE.
14. EXCAVATED AREAS WITHIN THE TPZ SHALL BE BACKFILLED IMMEDIATELY OR ROOTS SHALL BE KEPT CONSTANTLY MOIST WITH BURLAP COVERED WITH WHITE PLASTIC AND CHECKED A MINIMUM OF TWO (2) TIMES A DAY, ONCE IN THE MORNING AND ONCE IN THE AFTERNOON, FOR A MAXIMUM OF FORTY-EIGHT (48) HOURS, UNTIL BACKFILL IS COMPLETE. IF DIRECTED, SOAKER HOSES SHALL BE INSTALLED TO FACILITATE PROPERLY MOIST CONDITIONS. NO POOLING OF OR CONTINUOUS RUNNING WATER SHALL OCCUR WITHIN THE TPZ OTHER THAN THAT DURING THE IRRIGATION PROCESS. IF ROOTS ARE TO BE EXPOSED FOR A PERIOD GREATER THAN 48-HOURS, THE EXPOSED AREA SHALL BE COVERED WITH AT LEAST 6-INCHES OF MULCH AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNTIL THE AREA CAN BE PROPERLY BACKFILLED.
15. WHEN A TREE PROTECTION DEFICIENCY, AS DETERMINED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE, IS IDENTIFIED, IT MUST BE REMEDIED WITHIN 24-HOURS OF NOTIFICATION BY THE AGENCY. FAILURE TO CORRECT THE DEFICIENCY WITHIN THIS TIMEFRAME WILL RESULT IN A STOP WORK ORDER, LIQUIDATED DAMAGES, OR BOTH.
16. ANY DAMAGE TO EXISTING TREES DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL MITIGATE SUCH DAMAGE AS DIRECTED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
17. THE CONTRACTOR SHALL BE ASSESSED RESTITUTION, AS SOLELY DETERMINED BY THE DEPARTMENT OF PARKS AND RECREATION (NYCDPR), FOR TREES THAT ARE INJURED, IRREPARABLY DAMAGED, DESTROYED, OR REMOVED WITHOUT AUTHORIZATION.

DRAINAGE NOTES

1. ALL PROPOSED DRAINAGE WORK SHALL BE DONE IN CONFORMANCE WITH THE LATEST STANDARDS OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION (NYCDEP) AND THE LATEST STANDARDS OF THE DEPARTMENT OF PARKS AND RECREATION (NYCDPR). DISCREPANCIES BETWEEN THE STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
2. ALL EXISTING SEWER MANHOLES TO BE RETAINED WITHIN THE CONTRACT LIMIT LINE SHALL BE ADJUSTED AS NECESSARY, SO THAT THEY WILL BE FLUSH WITH THE FINISHED GRADES AFTER COMPLETION OF THE WORK. ANY OF THESE MANHOLES WHICH HAVE DAMAGED, WORN OR NON-STANDARD FRAMES AND COVERS SHALL BE PROVIDED WITH NEW 27" DIA. CASTINGS IN ACCORDANCE WITH THE LATEST STANDARDS OF NYC PARKS INCLUDING ANY NECESSARY MODIFICATIONS OF THE MANHOLE MASONRY. ANY DAMAGE TO THE MANHOLES CAUSED BY THIS WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR, AS DIRECTED BY THE ENGINEER, AND AT NO COST TO THE CITY.
3. CARE SHALL BE TAKEN NOT TO DAMAGE EXISTING SEWERS DURING CONSTRUCTION. ANY DAMAGE CAUSED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, AT NO EXTRA COST TO THE CITY.
4. WHERE THE HEIGHT OF AN EXISTING MANHOLE PERMITS MORE THAN ONE BASIN CONNECTION TO BE MADE ON THE SAME WALL, SPECIAL PRECAUTION SHALL BE TAKEN TO PROTECT THE STRUCTURAL INTEGRITY OF THE MANHOLE. THE MINIMUM CLEARANCE BETWEEN THE OUTSIDE WALLS OF ANY TWO BASIN CONNECTIONS OR BETWEEN A BASIN CONNECTION AND A SEWER, VERTICALLY OR HORIZONTALLY, SHALL BE 12 INCHES.
5. THE COST OF RAISING OR LOWERING CITY-OWNED MANHOLES, BASINS AND INLET HEADS TO PROPOSED GRADES WILL BE DEEMED INCLUDED IN THE PRICES BID FOR ALL THE SCHEDULED ITEMS WHEN THE VERTICAL UPWARD MOVEMENT OF ALL HEADS IS TWENTY-FOUR (24) INCHES OR LESS, WHEN THE VERTICAL DOWNWARD MOVEMENT OF MANHOLE HEADS IS SIX (6) INCHES OR LESS AND WHEN THE VERTICAL DOWNWARD MOVEMENT OF BASIN OR INLET HEADS IS THREE (3) INCHES OR LESS, UNLESS OTHERWISE PROVIDED OR DIRECTED, AND WHERE THE ADJUSTMENT IS WITHIN THE BRICK WORK LIMIT. WHEN THE EXISTING STRUCTURE CONSISTS OF A BRICK CHIMNEY OR A CONCRETE ROOF SLAB OR BRICK ON CONCRETE WALLS, THE MAXIMUM ALLOWABLE HEIGHT OF BRICK AFTER ADJUSTMENT SHALL BE TWENTY-FOUR (24) INCHES. ALL OTHER ADJUSTMENTS WILL BE PAID FOR UNDER THE APPROPRIATE MANHOLE, BASIN OR INLET MODIFICATION ITEMS.
6. ALL ABANDONED BASINS, INLETS AND DRAINAGE STRUCTURES AS SHOWN ON THE CONTRACT PLANS ARE TO BE BULK-HEADED AND CUT DOWN TO TWO (2) FEET BELOW THE SUBGRADE AND FILLED WITH COMPACTED CLEAN SAND. BASIN CONNECTIONS NOT REQUIRED SHALL BE PLUGGED AT BOTH ENDS. COST FOR THIS WORK SHALL BE DEEMED INCLUDED IN PRICES BID FOR ALL SCHEDULED ITEMS.
7. CATCH BASINS SHALL NOT, UNDER ANY CIRCUMSTANCES, BE CONNECTED TO SANITARY SEWERS.
8. ALL NEW CATCH BASIN CONNECTIONS SHALL BE CONNECTED TO EXISTING SEWERS AT MANHOLES, WITH DUCTILE IRON PIPE, CLASS 56, WITH INTERNALLY LOCKED "PUSH-ON" JOINTS LAID ON 6" OF BROKEN STONE FOR THE ENTIRE WIDTH OF THE TRENCH AND FOR ONE-HALF THE PIPE DIAMETER. THE BROKEN STONE SHALL BE HARD UNWEATHERED STONE UNIFORMLY GRADED FROM 1/4" TO 3/4"IN DIAMETER. IT SHALL CONFORM TO COMMERCIAL 1/4" TO 3/4" STONE. ALL NEW CATCH BASINS SHALL HAVE A HOOD ON THE OUTLET PIPE.
9. SLOPE ON ALL NEW CATCH BASIN CONNECTIONS SHALL BE A MINIMUM OF 1/2% AND A MAXIMUM OF 4% PROVIDED THE TOTAL DROP BETWEEN THE BASIN AND THE BASIN/MANHOLE IS AT LEAST 6 INCHES.
10. CATCH BASINS IN THE PROJECT AREA SHALL BE MAINTAINED OPERABLE AT ALL TIMES. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO AVOID FILLING THE CATCH BASINS WITH DEBRIS WITHIN THE CONTRACT LIMIT LINE DURING THE CONTRACT OPERATIONS. IF, AS A RESULT OF CONSTRUCTION, A FLOODING CONDITION OCCURS, OR IN THE EVENT THE CONTRACTOR'S OPERATIONS DAMAGE OR BLOCK THE DRAINAGE SYSTEM, THE CONTRACTOR SHALL AT THEIR OWN EXPENSE IMMEDIATELY REPAIR OR RESTORE THE DRAINAGE SYSTEM AS DIRECTED BY THE ENGINEER AT NO EXTRA COST TO THE CITY.
11. CONTRACTOR SHALL PROVIDE TEMPORARY MEANS (PIPES, PUMPS, ETC.) TO DRAIN ANY STORMWATER WHICH MAY DEVELOP WITHIN THE CONTRACT LIMIT LINE FOR THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL SUBMIT A DRAINAGE SCHEME WHICH MUST BE APPROVED BY THE ENGINEER PRIOR TO THE START OF EACH CONSTRUCTION STAGE. COST OF THIS WORK WILL BE DEEMED TO HAVE BEEN INCLUDED IN THE PRICE BID FOR ALL SCHEDULED ITEMS.
12. ALL EXISTING SEWERS AND SEWER HOUSE CONNECTIONS SHALL BE CONTINUOUSLY MAINTAINED DURING CONSTRUCTION BY THE CONTRACTOR. IF ANY SEWER OR SEWER HOUSE CONNECTION IS TO BE DISCONNECTED FOR CONSTRUCTION PURPOSES, FLOW SHALL BE MAINTAINED BY FLUMING OR OTHER SUITABLE MEANS AS DIRECTED BY THE ENGINEER AND IN SUCH A MANNER THAT NO BACK-UPS OCCUR. EXISTING SEWERS, HOUSE CONNECTIONS OR OTHER SEWER APPURTENANCES WHICH ARE TO REMAIN, AND WHICH MIGHT BE DISTURBED FOR CONSTRUCTION PURPOSES, SHALL BE RESTORED TO THEIR PRESENT CONDITION AFTER COMPLETION OF THE WORK, AND ANY DAMAGE DONE AS A RESULT OF THE WORK SHALL BE REPAIRED AT NO EXTRA COST TO THE CITY.

EROSION AND SEDIMENT CONTROL NOTES

1. NO LAND DISTURBANCE, DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING, BUT NOT LIMITED TO, SILT FENCING, INLET PROTECTION, AND TREE PROTECTION HAVE BEEN INSTALLED AS SHOWN ON THE CONTRACT DRAWINGS. IF CLEARING IS REQUIRED FOR INSTALLATION OF A PARTICULAR MEASURE, ALL MEASURES NOT REQUIRING CLEARING SHALL BE INSTALLED FIRST. CLEARING OF THE NECESSARY LAND FOR INSTALLATION OF THE PARTICULAR MEASURE MAY THEN PROCEED.
2. DUE TO THE NATURE OF THE WORK REQUIRED BY THIS CONTRACT, IT IS ANTICIPATED THE LOCATION AND NATURE OF EROSION AND SEDIMENT CONTROL MEASURES WILL BE ADJUSTED AS CONSTRUCTION PROGRESSES TO REFLECT THE CURRENT PHASE OF WORK. THE CONSTRUCTION SCHEDULE ADOPTED BY THE CONTRACTOR WILL IMPACT THE PLACEMENT AND NEED FOR SPECIFIC DEVICES REQUIRED FOR THE CONTROL OF EROSION. THE LOCATION AND EXTENT OF EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REVISED AT EACH PHASE OF CONSTRUCTION RESULTING IN A CHANGE OF EITHER THE QUANTITY OR DIRECTION OF SURFACE RUNOFF FROM THE CONSTRUCTION AREAS.
3. INLET PROTECTION IS REQUIRED FOR ALL CATCH BASINS AND MANHOLES WITH OPEN GRATES WITHIN THE CONTRACT LIMIT LINE.
4. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM THE ENGINEER AND REGULATORY AGENCIES FOR DEVIATIONS FROM THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
5. CLEARING SHALL BE LIMITED AS MUCH AS POSSIBLE TO AREAS REQUIRED FOR CURRENT CONSTRUCTION ACTIVITIES. MASS CLEARING AND GRADING SHALL BE AVOIDED.
6. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE ENGINEER WITHIN 24 HOURS FOLLOWING EVERY RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY SEVEN CALENDAR DAYS.
7. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY AS REQUIRED TO MAINTAIN PERFORMANCE OF MEASURE. MEASURES SHALL BE CLEANED WHEN SEDIMENT VOLUME REACHES ½ OF TOTAL VOLUME OF MEASURE. REMOVED SEDIMENT SHALL BE DISPOSED OF IN SUCH A MANNER AND LOCATION AS TO INSURE FURTHER SEDIMENT TRANSPORT DOES NOT OCCUR.
8. CONTRACTOR SHALL INITIATE STABILIZATION MEASURES AS SOON AS PRACTICABLE ON STOCKPILES AND IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. THIS REQUIREMENT DOES NOT APPLY IN THE FOLLOWING INSTANCES:
   a. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE;
   b. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN FOURTEEN (14) DAYS, TEMPORARY STABILIZATION MEASURES NEED NOT BE INITIATED ON THAT PORTION OF THE SITE.
9. ALL DISTURBED AREAS SHALL DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBANCE ACTIVITIES AND UNTIL FINAL STABILIZATION IS ACHIEVED. SEDIMENT-LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING, OR OTHER ACTIVITIES SHALL BE PUMPED INTO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, SWALE, OR CATCH BASIN.
10. SOIL STOCKPILE AND LAYDOWN AREAS SHALL HAVE PERIMETER SEDIMENT CONTROL MEASURES AND TEMPORARY OR PERMANENT STABILIZATION MEASURES INSTALLED AS SOON AS POSSIBLE AND AT COMPLETION OF STOCKPILING AND LAYDOWN ACTIVITIES. STOCKPILE SIDE SLOPES SHALL NOT EXCEED 3H ; 1V UNLESS APPROVED BY ENGINEER. TOP OF STOCKPILE SHALL BE GRADED WITH A MINIMUM 5% SLOPE TO INSURE PROPER DRAINAGE.
11. ALL DISTURBED AREAS, EXCEPT FOR CONCRETE AND PAVED AREAS, SHALL BE FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE SEEDING SCHEDULE, AND RE-SEEDED AS NECESSARY, TO ESTABLISH AND MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
12. ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT THE DEPOSITION OF MATERIALS ONTO TRAVERSED OFFSITE ROADWAYS. IF MATERIAL IS TRACKED ONTO OFFSITE ROADWAYS, IT SHALL BE REMOVED IMMEDIATELY. DO NOT UTILIZE A WATER HOSE TO CLEAN ROADS UNLESS THE RUNOFF IS DIRECTED TO A PROPERLY DESIGNED AND FUNCTIONING SEDIMENT CONTROL DEVICE. PROPER PRECAUTIONS SHALL BE TAKEN TO ENSURE THAT MATERIALS DEPOSITED ONTO OFFSITE ROADWAYS ARE REMOVED SO THAT THEY DO NOT ENTER YARD INLETS, CATCH BASINS, SEWERS, WETLANDS, SURFACE WATER BODIES, OR ROADSIDE SWALES.
13. WHERE CONCRETE EQUIPMENT WASHING IS REQUIRED, THIS MUST BE DONE IN AN APPROVED “CONCRETE CONTAINMENT AREA”. CONTRACTOR SHALL NOT DISCHARGE ANY CONCRETE WASHOUT WATER INTO SEWERS, SURFACE WATER BODIES OR ONTO THE GROUND. ALL WASHOUT WATER MUST BE REMOVED FROM THE SITE(S) DAILY.
14. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST NEW YORK STATE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL.
15. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE, PERMANENT VEGETATION IS ESTABLISHED ON ALL DISTURBED AREAS, AND THE ENGINEER HAS GIVEN PERMISSION FOR REMOVAL.

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

PROJECT TITLE: ON-SITE GREEN INFRASTRUCTURE DESIGN

DRAWING TITLE: GENERAL NOTES

DESIGNED BY	DRAWN BY		CHECKED BY
B-SCAN	SCALE	DRAWING NO.	CONTRACT NO. GI-CONS-8
	DATE NOV 2026	G002	SHEET No. 5 OF 73 SHEETS

ABBREVIATIONS

AS PER RECORD	(A)
ASPHALT	ASPH.
BOTTOM OF CURB	B.C.
BOTTOM OF WALL	B.W.
CAST IRON	C.I.
CATCH BASIN	C.B.
CHAIN LINK FENCE	C.L.F
COMBINED	COMB.
CONCRETE	CONC.
CONCRETE CURB	C.C.
CONCRETE SIDEWALK	C.S.W.
CONSTRUCTION LIMIT LINE	C.L.L.
COPPER TUBING	C.T.
CRITICAL ROOT ZONE	C.R.Z.
DROP CURB	D.C.
DIAMETER	DIA.
DUCTILE IRON PIPE	D.I.P.
ELEVATION	ELEV.
EXISTING	EXIST.
EXTRA STRENGTH STEEL PIPE	E.S.S.P.
EXTRA STRENGTH VITRIFIED PIPE	E.S.V.P.
FROM RECORD PLAN	F.R.P.
GRANITE CURB	GRAN C.
HIGH DENSITY POLYETHYLENE	H.D.P.E.
INNER DIAMETER	I.D.
INVERT	INV.
LINED CAST IRON PIPE	L.C.P.
METAL FENCE	M.F.
OUTER DIAMETER	O.D.
ON CENTER	O.C.
MANHOLE	M.H.
NOT TO SCALE	N.T.S.
PAVERS	PAV.
PERFORATED POLYETHYLENE CORRUGATED PIPE	P.P.C.P.
PIPE RAIL FENCE	P.R.F
POLYETHYLENE CORRUGATED PIPE	P.C.P.
POLYVINYL CHLORIDE PIPE	P.V.C.
REINFORCED CONCRETE PIPE	R.C.P.
SANITARY	SAN.
SEWER	SWR.
STEEL FACED CURB	S.F.C.
STEEL WICKET FENCE	S.W.F.
STORM	STM.
TOP OF CURB	T.C.
TOP OF HOOD	T.O.H.
TOP OF WALL	T.W.
TREE PROTECTION ZONE	T.P.Z.
UNKNOWN	UNK.
VITRIFIED TILE PIPE	V.T.P.
WROUGHT IRON FENCE	W.I.F.

	EXISTING	PROPOSED
ELECTRIC MANHOLE	E	E
TELEPHONE MANHOLE	T	T
GAS MANHOLE	G	G
WATER MANHOLE	W	W
FIRE DEPT. MANHOLE	F	F
STORM SEWER MANHOLE	STM	STM
COMBINED SEWER MANHOLE	COMB	COMB
SANITARY SEWER MANHOLE	SAN	SAN
UNIDENTIFIED MANHOLE (NO RECORD AVAILABLE)	Mh	Mh
RECORD MANHOLE	S	S
HARDWARE RIM EL. & INV. EL. (SEWER, ETC.)	61.23 INV.47.89	61.23 INV.47.89
CATCH BASIN		
INLET		
YARD DRAIN		
LOW PRESSURE HYDRANT		
HIGH PRESSURE HYDRANT		
WOOD UTILITY POLE		
WOOD UTILITY POLE WITH STREET LIGHT		
STREET LIGHT (METAL POLE)		
GAS VALVE	G	G
WATER VALVE	W	W
TREE (SIZE AS LABELED)	12"	7"
SHRUB		
SIGN (GROUND MOUNTED)		
DRINKING FOUNTAIN		
FLAGPOLE		
MAPPED PROPERTY LINE	PL	
WATER SERVICE (WITH SIZE - LESS THAN 5")	1" WATER	1" WATER
8" WATER MAIN	8" WATER	8" WATER
12" WATER MAIN	12" WATER	12" WATER
48" WATER MAIN	48" WATER	48" WATER
72" WATER MAIN	72" WATER	72" WATER
STORM SEWER (WITH SIZE - LESS THAN 24")	15" STM. SEWER	15" STM. SEWER
STORM SEWER (WITH SIZE - 24" OR GREATER)	24" STM. SEWER	24" STM. SEWER
SANITARY SEWER (WITH SIZE - LESS THAN 24")	15" SAN. SEWER	15" SAN. SEWER
SANITARY SEWER (WITH SIZE - 24" OR GREATER)	24" SAN. SEWER	24" SAN. SEWER
COMBINED SEWER (WITH SIZE - LESS THAN 24")	15" COMB. SEWER	15" COMB. SEWER
COMBINED SEWER (WITH SIZE - 24" OR GREATER)	24" COMB. SEWER	24" COMB. SEWER
GAS LINE (WITH SIZE)	4" GAS	4" GAS
ELECTRIC	ELECTRIC	ELECTRIC
TELEPHONE	TELEPHONE	TELEPHONE
CABLE	CABLE	CABLE
FIRE ALARM	FIRE ALARM	FIRE ALARM
OVERHEAD (AERIAL) UTILITY LINE	A/E,T,F	A/E,T,F
CHAIN LINK FENCE (W/ HEIGHT)	6'	6'
IRON PICKET FENCE (W/ HEIGHT)	5'	5'
WIRE FENCE (W/ HEIGHT)	5'	
IRON ON CONCRETE COPING		
WOOD PICKET FENCE (W/ HEIGHT)	4'	4'
GUARD POST	GP	GP
BEAM TYPE MALL BARRIER		
PORTABLE PRECAST CONCRETE BARRIER		
CAST IN PLACE CONCRETE BARRIER		
RETAINING WALL (W/TYPE)	RW (STN.)	RW (STN.)
RAILROAD/TROLLEY TRACK		

LOT & BLOCK NUMBER — 39 BLOCK 2109

ANGLE — 0.00

LEGEND

	EXISTING	PROPOSED
TREE DRIPLINE		
TREE CRITICAL ROOT ZONE		
TREE PROTECTION ZONE		
MAJOR CONTOUR LINE	35	36
MINOR CONTOUR LINE	35	36
CONSTRUCTION ACCESS/ENTRANCE		
STAGING AREA		
STABILIZED CONSTRUCTION ENTRANCE		
TEMPORARY ASPHALT ENTRANCE		
FULL DEPTH PAVEMENT REMOVAL		
FULL DEPTH ASPHALT INSTALLATION		
FULL EXCAVATION LIMIT		
SAWCUT LIMIT		
PIPE REMOVAL		
POINT OF BEGINNING		
CONSTRUCTION LIMIT LINE		CLL
SILT FENCE		SF SF
TEMPORARY CONSTRUCTION FENCE		CF
STRAW BALE DIKE		
TREE TO BE PROTECTED		7"
TREE TO BE TRANSPLANTED		7"
TREE TO BE REMOVED		7"
BORING LOCATION		B
PERMEABILITY TEST LOCATION		PT
GREEN INFRASTRUCTURE PRACTICE		
CLEANOUT		
ON-SITE GREEN INFRASTRUCTURE MANHOLE		
OUTLET CONTROL STRUCTURE		
DUAL CATCH BASIN		
MODIFIED CURB INLET		
PROPOSED STORM DRAIN (W/ FLOW DIRECTION)		
DRAINAGE AREA		
FLOW DIRECTION		FLOW
GREEN INFRASTRUCTURE CHARACTERISTICS		GI PRACTICE ID (TRIBUTARY AREA / VOLUME OF X.XX" STORM / CAPACITY MANAGED)
HAND EXCAVATION LIMIT		
STEEL BOLLARD		
CONCRETE SIDEWALK REMOVAL		
PIPE RAIL FENCE		
SIDEWALK AND CURB INSTALLATION		

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

PROJECT TITLE: ON-SITE GREEN INFRASTRUCTURE DESIGN

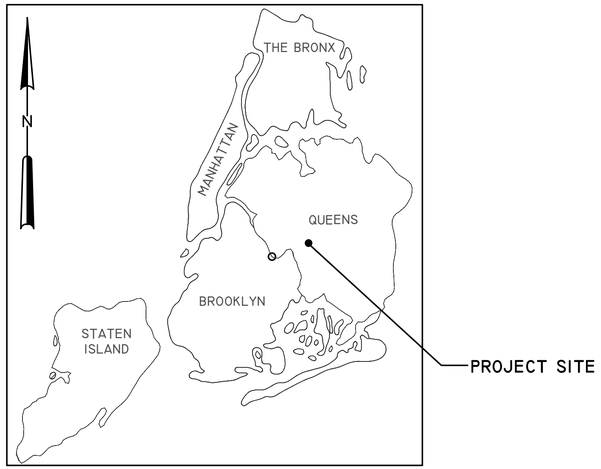
DRAWING TITLE: LEGEND & ABBREVIATIONS

DESIGNED BY	DRAWN BY	CHECKED BY
B-SCAN	SCALE	DRAWING NO. G003
	DATE NOV 2026	CONTRACT NO. GI-CONS-8
		SHEET No. 6 OF 73 SHEETS

NEW YORK CITY ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL PLANNING & ANALYSIS

Environmental Protection

NYC Parks



ON-SITE GREEN INFRASTRUCTURE
JAMAICA BAY CSO TRIBUTARY AREA
OUTFALL JAM-003
DEP CAPITAL CONTRACT NO.
GI-CONS-8
Q015 FOREST PARK BANDSHELL PARKING LOT
BBL# 4038660070

QUEENS, NY

BID SET
NOVEMBER 2026

SHEET LIST	
Sheet Number	Sheet Title
G001	COVER SHEET
G002	GENERAL NOTES
G003	LEGEND AND ABBREVIATIONS
S001	TOPOGRAPHIC SURVEY - 1
S002	TOPOGRAPHIC SURVEY - 2
S003	TOPOGRAPHIC SURVEY - 3
S004	TOPOGRAPHIC SURVEY - 4
S005	TOPOGRAPHIC SURVEY - 5
S006	TOPOGRAPHIC SURVEY - 6
S007	TOPOGRAPHIC SURVEY - 7
B100	BORING PLAN
B101	BORING LOGS
C100	TREE PROTECTION, STAGING, AND ACCESS PLAN
C101	TREE PROTECTION SCHEDULE
C102	REMOVAL AND DEMOLITION PLAN
C103	EROSION & SEDIMENT CONTROL PLAN
C200	PROPOSED GREEN INFRASTRUCTURE LAYOUT - 1
C201	PROPOSED GREEN INFRASTRUCTURE LAYOUT - 2
C202	PROPOSED PLANTING & GRADING PLAN
C203	MATERIALS PLAN
C300	SECTIONS & PROFILES - 1
C301	SECTIONS & PROFILES - 2
C302	SECTIONS & PROFILES - 3
C303	SECTIONS & PROFILES - 4
C304	SECTIONS & PROFILES - 5
C305	SECTIONS & PROFILES - 6
C306	SECTIONS & PROFILES - 7
C307	SECTIONS & PROFILES - 8
C500	DETAILS - 1
C501	DETAILS - 2
C502	DETAILS - 3
C503	DETAILS - 4
C504	DETAILS - 5
C505	DETAILS - 6



LOCATION PLAN

John McLaughlin — Digitally signed by John McLaughlin, Date: 2026.11.02 16:22:48 -05'00'

JOHN MCLAUGHLIN
MANAGING DIRECTOR
OFFICE OF ECOSYSTEM SERVICES, GREEN INFRASTRUCTURE AND RESEARCH
BUREAU OF ENVIRONMENTAL PLANNING & ANALYSIS, NYCDEP

Lisa F. Garcia — Digitally signed by Lisa F. Garcia, Date: 2026.11.02 15:49:54 -05'00'

LISA F. GARCIA
COMMISSIONER
NYCDEP

File = O:\Projects\00000\0000-000 - gi-ic4-3 design\CADfiles bid documents (removed)\SHEETS\forest park - bandshell parking lot (larger pentreatment area)\Sheets\1 0 - T-1 Saved Date = 9/17/2025 8:47 AM
PLOT DATE: 9/22/2025 10:50 AM BY: KASSAM,YAS

GENERAL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK AND VERIFY ALL SITE CONDITIONS, BOTH ABOVE AND BELOW THE SURFACE, PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING, PRIOR TO THE COMMENCEMENT OF WORK.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS.
3. WORK PERFORMED UNDER THIS CONTRACT SHALL COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL SAFETY AND OCCUPATIONAL HEALTH LAWS AND REGULATIONS. WHERE THE REQUIREMENTS OF THE SPECIFICATIONS, APPLICABLE LAWS, CRITERIA, ORDINANCES, REGULATIONS, AND REFERENCED DOCUMENTS VARY, THE OWNER SHALL BE CONTACTED AND WILL PROVIDE AN INTERPRETATION FOR THE CONTRACTOR.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THEIR WORK AND NEWLY INSTALLED WORK, AND PROVIDE APPROPRIATE BARRIERS AND SAFETY GUARD RAILS, AS REQUIRED.
5. ALL STREETS, ROADWAYS, AND ACCESS AREAS SHALL REMAIN UNOBSTRUCTED DURING CONSTRUCTION. THE NEED TO TEMPORARILY BLOCK OR CLOSE OFF THESE AREAS SHALL BE COORDINATED WITH THE ENGINEER AND NYC DEP. ADDITIONAL COORDINATION AND PERMITTING WITH NYC DOT AND/OR NYPD MAY BE REQUIRED AND IS THE RESPONSIBILITY OF THE CONTRACTOR, PER GENERAL NOTE 9.
6. ALL AREAS OF THE SITE IMPACTED BY TEMPORARY FACILITIES SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, BY THE CONTRACTOR, AS DETERMINED BY THE ENGINEER.
7. THE CONTRACTOR SHALL MAINTAIN, AT THE JOB SITE, ONE SET OF FULL-SIZE CONTRACT DRAWINGS MARKED TO SHOW ANY DEVIATIONS THAT HAVE BEEN MADE FROM THE CONTRACT DRAWINGS, INCLUDING BURIED OR CONCEALED CONSTRUCTION AND UTILITY FEATURES REVEALED DURING THE COURSE OF CONSTRUCTION. THESE DRAWINGS SHALL BE AVAILABLE FOR REVIEW BY THE ENGINEER AT ALL TIMES. UPON COMPLETION OF THE INSTALLATION OF NEW WORK THE CONTRACTOR SHALL TURN OVER TO OWNER AND ENGINEER ONE (1) SET OF REPRODUCIBLE AS-BUILT DRAWINGS AND ONE (1) SET OF PRINTS OF AS-BUILT DRAWINGS INCLUDING ALL APPROVED FIELD CHANGES AND DESIGN DEVIATIONS PRIOR TO REQUEST FOR FINAL PAYMENT.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE NYC DPR DETAILS BEING USED FOR CONSTRUCTION ARE IN THE MOST RECENT VERSION ISSUED.
9. THE CONTRACTOR SHALL FILE PLANS WITH GOVERNING LOCAL AND STATE AUTHORITIES HAVING JURISDICTION AND SHALL SECURE ALL PERMITS AND PAY ALL FEES REQUIRED FOR INSTALLATION OF THEIR WORK, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR ANY SPECIAL INSPECTIONS REQUIRED, INCLUDING ANY ASSOCIATED COSTS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES PRIOR TO COMMENCING WORK.
10. THE CONTRACTOR SHALL INDEMNIFY NYC DEP, THEIR REPRESENTATIVES, AND THE ENGINEER FROM ANY CLAIMS OR SUITS RESULTING FROM NEGLIGENCE ON THE PART OF THE CONTRACTOR FOR FAILING TO EXECUTE THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
11. WORK SHALL BE PERFORMED BY LICENSED CONTRACTORS AND WORKERS EXPERIENCED IN THE TRADE HAVING JURISDICTION. WORK SHALL BE SUPERVISED AT ALL TIMES.
12. ANY DEVIATION OR CHANGE IN DESIGN SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE ENGINEER. WORK INSTALLED WITHOUT PRIOR APPROVAL OF THE ENGINEER OR NYC DEP OR FOUND TO BE DEFECTIVE OR OF POOR QUALITY SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
13. ALL CONSTRUCTION WORK SHALL BE CONFINED TO THE CONTRACT LIMIT LINE INDICATED ON THE DRAWINGS.
14. **OPTION 1 (FOR JOP SITES):** ALL WORK SHALL BE PERFORMED DURING NORMAL WORKING HOURS: 9:00 A.M. TO 6:00 P.M. MONDAY THROUGH FRIDAY EXCEPT LEGAL HOLIDAYS OR FOR EMERGENCY REPAIRS, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
    OPTION 2 (FOR REGULAR PARK SITES): ALL WORK SHALL BE PERFORMED DURING NORMAL WORKING HOURS: 7:00 A.M. TO 3:00 P.M. MONDAY THROUGH FRIDAY EXCEPT LEGAL HOLIDAYS OR FOR EMERGENCY REPAIRS, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
    IF OPTION 1 IS CHOSEN, ADD THE FOLLOWING AS NOTE 15 AND RENUMBER THE SUBSEQUENT NOTES:
    15. STATE TESTING OCCURS AT <NAME OF SCHOOL> DURING <DURATION OF TESTING>. NO WORK SHALL OCCUR DURING STATE
15. TESTING UNLESS AUTHORIZED IN BY A SCHOOL REPRESENTATIVE A MINIMUM OF TWO WEEKS IN ADVANCE.WORK AREA SHALL BE LEFT BROOM CLEAN AT THE END OF EACH DAY. DISCARDED AND DEMOLISHED MATERIAL AND RUBBISH SHALL BE REMOVED FROM PREMISES DAILY AND DISPOSED IN A LEGAL AND APPROVED MANNER.
16. ALL WORK SHOWN ON ALL DRAWINGS IS NEW UNLESS OTHERWISE NOTED.
17. THE CONTRACTOR SHALL COORDINATE WITH NYC DEP THE SUPPLY OF TEMPORARY POWER, POTABLE WATER, AND LIGHTING, AS REQUIRED TO PERFORM THE WORK. OBTAINING AND PAYING FOR SUCH TEMPORARY UTILITIES ARE THE CONTRACTOR'S RESPONSIBILITY.
18. STAGING AREA TO BE DESIGNATED PRIOR TO MOBILIZATION AND TO BE APPROVED BY THE ENGINEER AND NYC DEP.
19. CONTRACTOR SHALL COORDINATE AND SCHEDULE CONSTRUCTION ACTIVITIES WITH SITE ACTIVITIES, AS TO NOT INTERFERE WITH NORMAL SITE OPERATION, AND AS REQUIRED TO NOT IMPEDE THE PROGRESS OF RELATED PROJECT WORK.
20. COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK.
21. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHEETING AND BRACING IN ALL TRENCHES OR EXCAVATIONS FOR STRUCTURES, WHERE NECESSARY FOR THE PROPER PROTECTION OF PERSONS OR PROPERTY. WHERE THE DEPTH OF EXCAVATION EXCEEDS FIVE (5) FEET, SHEETING AND NECESSARY BRACING MUST BE INSTALLED FOR THE DEPTH EXCEEDING FIVE (5) FEET AND WILL BE PAID FOR UNDER TEMPORARY SHEETING. BENCHED EXCAVATION MAY BE USED TO REDUCE THE AMOUNT OF SHEETING REQUIRED. ALL SHORING WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF LABOR, INDUSTRIAL CODE RULE 23 AND TITLE 29 CODE OF FEDERAL REGULATIONS PART 1926, SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION (OSHA). THE TYPE OF SHEETING AND BRACING SHALL BE SATISFACTORY TO THE ENGINEER AND SUBJECT TO THEIR APPROVAL, BUT THE APPROVAL OF THE ENGINEER OF A METHOD TO BE USED DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY FOR PROTECTION AND SAFETY. WHEN SHEETING IS USED IN TRENCHES OR EXCAVATIONS FOR STRUCTURES OF LESS THAN FIVE (5) FEET IN DEPTH, THE COST OF SUCH SHEETING AND BRACING, UNLESS ORDERED LEFT IN PLACE, SHALL BE INCLUDED IN THE PRICE BID FOR UNCLASSIFIED EXCAVATION, AND PAYMENT WILL BE MADE FOR SUCH EXCAVATION AS SHOWN ON THE DRAWINGS.
22. THE CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY WITHOUT COMPROMISING THE QUALITY OF THE WORK.
23. ADDITIONAL NOTES THAT ARE APPLICABLE TO THIS PROJECT MAY BE FOUND THROUGHOUT THE CONTRACT DRAWINGS.
24. CONTRACTOR SHALL NOT PERFORM ANY WORK BETWEEN JUNE AND AUGUST.

REMOVAL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK AND VERIFY ALL SITE CONDITIONS, BOTH ABOVE AND BELOW THE SURFACE, PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING, PRIOR TO THE COMMENCEMENT OF WORK.
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THIS WORK. THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH APPLICABLE AGENCIES, UTILITY COMPANIES, AND/OR SUB-CONTRACTORS.
3. IT IS MANDATORY, AS PER NYS INDUSTRIAL CODE RULE 53, FOR THE CONTRACTOR TO NOTIFY NEW YORK 811, 60 KNICKERBOCKER AVENUE, BOHEMIA NY 11716, TEL. 800.272.4480 PRIOR TO THE START OF WORK. THE ONE-CALL CENTER IS ALWAYS OPEN. THE ONE-CALL CENTER WILL THEN NOTIFY MEMBER FIRMS WITH OPERATIONS IN THE SITE AREA OF THE CONTRACTOR'S PENDING EXCAVATION OPERATIONS. THE CONTRACTOR WILL RECEIVE A NOTIFICATION TICKET FROM THE ONE-CALL CENTER WHICH SHOULD BE PRESENTED TO THE ENGINEER AS PROOF OF THE CALL. THERE IS NO CHARGE FOR THIS SERVICE. THIS PROCESS ENSURES THAT UTILITY SERVICE LINES ARE PROPERLY MARKED PRIOR TO EXCAVATION TO MINIMIZE FACILITY DAMAGE, ON THE JOB INJURIES, AND CONTRACTOR'S LIABILITY. IN ADDITION, ALL UNDERGROUND FACILITY OPERATORS IN THE AREA WHO ARE NOT ONE-CALL MEMBERS SHALL BE NOTIFIED NOT LESS THAN TWO (2) FULL BUSINESS DAYS AND NOT MORE THAN TEN (10) FULL BUSINESS DAYS BEFORE COMMENCING EXCAVATION.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGE AND/OR RESTORE ANY INTERRUPTION TO ANY UTILITY SERVICE THAT MAY BE CAUSED BY THE CONTRACTOR'S CONSTRUCTION OR EQUIPMENT, AT THE CONTRACTOR'S EXPENSE, WITH NO ADDITIONAL EXPENSE TO THE CITY OF NEW YORK OR UTILITY COMPANY.
5. THE CONTRACTOR IS TO USE CARE DURING CONSTRUCTION TO AVOID DISTURBING OR DAMAGING ADJACENT ABOVE-GRADE OR SUBGRADE STRUCTURES, FACILITIES, CURBS, PAVEMENTS, AND PERIMETER FENCING. ANY DAMAGE RESULTING FROM THIS WORK WILL BE RESTORED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
6. WHERE NEW CONSTRUCTION ABUTS EXISTING PAVEMENTS, CURBS, OR WALLS, THE EXISTING MATERIALS SHALL BE CLEANLY SAWCUT TO PROVIDE A CLEAN, NEAT MATCH AND A SMOOTH, FLUSH TRANSITION, AS DIRECTED BY THE ENGINEER. ALL SAWCUTTING SHALL BE DONE TO NEAT, STRAIGHT, AND ACCURATE LINES. CONTRACTOR SHALL PROVIDE EXPANSION JOINTS (TIE ROD AND/OR SLIP JOINT) WHERE OLD AND NEW CURBS MEET.
7. THE CONTRACTOR SHALL DISPOSE OF ALL ITEMS AND MATERIALS REMOVED AND NOT SALVAGED, INCLUDING ALL EXCAVATED MATERIAL, OFF-SITE AND IN A LEGAL MANNER. THE CONTRACTOR SHALL REMOVE, EXCAVATE, AND DISPOSE OF ALL MATERIALS ACCORDING TO CONTRACT SPECIFICATIONS.
8. ALL EXISTING PIPING TO BE MAINTAINED EXCEPT FOR WITHIN 3 FEET OF PROPOSED DRAINAGE STRUCTURES AND AS SHOWN. IF EXISTING PIPING BEYOND 3 FEET FROM THE PROPOSED STRUCTURES IS OBSERVED TO BE DAMAGED AT NO FAULT OF THE CONTRACTOR, THE ENGINEER SHALL PROVIDE DIRECTION AS TO EXTENTS OF REPLACEMENT.
9. THE CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT THE ROOT SYSTEMS OF EXISTING TREES. BULK MATERIAL, EQUIPMENT, OR VEHICLES SHALL NOT BE STOCKPILED OR PARKED WITHIN THE TREE PROTECTION ZONE.

LAYOUT & MATERIAL NOTES

1. NO CHANGES SHALL BE MADE TO THE DESIGN OR LAYOUT WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER. LAYOUT THE WORK AS DIMENSIONED ON THE PLANS. WRITTEN DIMENSIONS SHALL GOVERN. DO NOT SCALE DISTANCES.
2. CONTRACTOR SHALL STAKE LOCATION OF ALL GREEN INFRASTRUCTURE PRACTICES FOR APPROVAL BY THE ENGINEER PRIOR TO EXCAVATION WORK.
3. CONTRACTOR SHALL LAYOUT IN THE FIELD THE ALIGNMENT AT ALL PATHS, PAVEMENTS, CURBLINES FOR REVIEW BY THE ENGINEER PRIOR TO THE START OF WORK. ADJUSTMENTS MAY BE MADE ONLY AS DIRECTED BY THE ENGINEER. CONTRACTOR MAY NOT PROCEED WITH CONSTRUCTION OF IMPROVEMENTS UNTIL THEY HAVE RECEIVED THE FINAL APPROVAL OF THE LAYOUT FROM THE ENGINEER.
4. ALL NEW PAVEMENTS AND CURBS AND EXISTING PAVEMENTS AND CURBS TO REMAIN SHALL MEET IN SMOOTH FLUSH CONDITION UNLESS NOTED OTHERWISE.
5. NEW CURBS, WALLS, AND PAVEMENTS SHALL BE BUILT TO A SMOOTH EVEN FINISH WITH A CONSISTENT TOP AND PROFILE WITHOUT WAVES OR IRREGULARITIES. ANY WORK NOT MEETING THIS QUALITY STANDARD SHALL BE RECONSTRUCTED AT THE CONTRACTOR'S EXPENSE.
6. THE CONTRACTOR SHALL EXERCISE CARE DURING EXCAVATION OPERATIONS TO AVOID DISTURBING ADJACENT FACILITIES, SUB GRADE STRUCTURES AND TREES. ALL DAMAGE RESULTING FROM THE CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE REPAIRED AT NO EXPENSE TO THE CITY AND THE AGENCY. ALL REPAIR WORK SHALL BE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
7. IN AREAS WHERE NEW PAVEMENTS FALL WITHIN THE TREE PROTECTION ZONE OF EXISTING TREES, THE CONTRACTOR SHALL MINIMIZE EXCAVATIONS AT TREE ROOTS BY REDUCING THE AMOUNT OF FOUNDATION MATERIAL AS DIRECTED BY THE ENGINEER.
8. CONTRACTOR SHALL REFER TO NYC DEP'S NYC GREEN INFRASTRUCTURE ON-SITE DESIGN MANUAL (MAY 2019) FOR THE CONSTRUCTION OF ALL GREEN INFRASTRUCTURE PRACTICES.

TREE PROTECTION NOTES

1. NO LAND DISTURBANCE, DEMOLITION, OR CONSTRUCTION ACTIVITIES SHALL BEGIN UNTIL ALL TREE PROTECTION MEASURES HAVE BEEN INSTALLED AS SHOWN ON THE CONTRACT DRAWINGS.
2. CONSTRUCTION ACCESS ROUTE IS DIAGRAMMATIC. FINAL ROUTE SHALL BE ESTABLISHED ON SITE AND APPROVED BY THE RESIDENT ENGINEER, IN CONSULTATION WITH THE BOROUGH FORESTER OR THEIR REPRESENTATIVE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PRESERVATION OF ALL EXISTING TREES NOT LISTED FOR REMOVAL THAT ARE LOCATED COMPLETELY OR PARTIALLY WITHIN THE CONTRACT LIMIT LINE.
4. THE CONTRACTOR SHALL NOTIFY THE BOROUGH FORESTER A MINIMUM OF 48 HOURS IN ADVANCE OF ANY WORK ON OR IMPACTING EXISTING TREES, INCLUDING BUT NOT LIMITED TO TREE PROTECTION, PRUNING, TREE REMOVAL, EXCAVATION WITHIN TREE PROTECTION ZONES, DECOMPACTION, TOPSOIL, AND PLANTING WORK.
5. THE TREE PROTECTION ZONE (TPZ) SHALL CONSIST OF THE CRITICAL ROOT ZONE AND/OR THE CANOPY DRIPLINE; WHICHEVER EXTENT IS GREATER.
6. THE CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT THE ROOT SYSTEMS OF EXISTING TREES. MATERIAL, EQUIPMENT, OR VEHICLES SHALL NOT BE STOCKPILED OR PARKED WITHIN THE TPZ OF ANY TREE COMPLETELY OR PARTIALLY WITHIN THE CONTRACT LIMIT LINE TO MINIMIZE SURFACE AND SUBSURFACE ROOT AND SOIL COMPACTION. IF STOCKPILING OCCURS WITHIN THE TPZ, A STOP WORK ORDER SHALL BE ISSUED IMMEDIATELY, AND WORK SHALL NOT RE-COMMENCE UNTIL ALL STOCKPILED MATERIAL IS REMOVED FROM THE TPZ AND MITIGATION MEASURES ARE PERFORMED TO THE SATISFACTION OF THE RESIDENT ENGINEER IN CONSULTATION WITH THE BOROUGH FORESTER OR THEIR REPRESENTATIVE.
7. IF DIRECTED, THE TPZ SHALL BE COVERED WITH WOOD CHIPS TO A DEPTH OF AT LEAST SIX (6) INCHES, WITH PLYWOOD OR GROUND PROTECTION MATS, OR A COMBINATION THEREOF. SUCH COVERING SHALL BE MAINTAINED FOR THE DURATION OF THE CONTRACT AND IS NOT TO BE REMOVED UNTIL DIRECTED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE. REMOVAL SHALL BE BY HAND OR AS SPECIFIED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE (ITEM "PROTECT EXIST. TREE ROOTS W/ WOOD CHIPS 6" DEPTH" AND "PROTECT EXIST. TREE ROOTS W/ PLYWOOD").
8. TEMPORARY WOODEN TREE GUARDS WITH WRAP FOR INDIVIDUAL TREES, TEMPORARY WOODEN TREE GUARD FOR GROVES, AND TEMPORARY SNOW FENCE BOUNDARY SHALL BE MAINTAINED FOR THE DURATION OF THE CONTRACT AND ARE NOT TO BE REMOVED UNTIL DIRECTED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE.
9. ALL TREES COMPLETELY OR PARTIALLY WITHIN THE CONTRACT LIMIT LINE ARE TO RECEIVE AT LEAST ONE (1) INCH (THE EQUIVALENT OF 750 GALLONS OF WATER PER 1,000 SQUARE FEET OF TREE PROTECTION ZONE) OF WATER PER WEEK BETWEEN THE MONTHS OF MARCH AND OCTOBER. IF RAINWATER IN ANY GIVEN WEEK IS BELOW THIS QUANTITY, THE CONTRACTOR MUST SUPPLEMENT THE AMOUNT RECEIVED BY A METHOD APPROVED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
10. ALL TREE PRUNING AND TREE REMOVAL IS TO BE PERFORMED IN ACCORDANCE WITH ANSI A300 STANDARDS BY AN ARBORIST HOLDING CERTIFICATION FROM THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) OR EQUIVALENT EDUCATION AND EXPERIENCE. ANSI PRUNING TYPES SPECIFIED ON TREE PROTECTION SCHEDULE AND TREE DIAMETERS AT BREAST HEIGHT ARE TO BE CONFIRMED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE BEFORE PRUNING WORK IS PERFORMED.
11. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN REMOVING CONCRETE OR ASPHALT WITHIN THE DRIPLINE OF EXISTING TREES - LIFTING RATHER THAN DRAGGING PIECES OF PAVING. TOOLS FOR THIS ACTIVITY SHALL BE APPROVED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE PRIOR TO THE START OF EXCAVATION.
12. ALL EXCAVATION AND PLANT INSTALLATION WITHIN THE TPZ SHALL BE PERFORMED BY HAND OR PNEUMATICALLY, WITH MINIMAL SOIL DISTURBANCE, AND UNDER THE SUPERVISION OF THE BOROUGH FORESTER OR THEIR REPRESENTATIVE. PLANTS SHALL NOT BE PLACED WITHIN THREE (3) FEET OF THE TREE TRUNK UNLESS APPROVED.
13. NO ROOTS SHALL BE CUT WITHOUT THE WRITTEN AUTHORIZATION OF THE BOROUGH FORESTER OR THEIR REPRESENTATIVE.
14. EXCAVATED AREAS WITHIN THE TPZ SHALL BE BACKFILLED IMMEDIATELY OR ROOTS SHALL BE KEPT CONSTANTLY MOIST WITH BURLAP COVERED WITH WHITE PLASTIC AND CHECKED A MINIMUM OF TWO (2) TIMES A DAY, ONCE IN THE MORNING AND ONCE IN THE AFTERNOON, FOR A MAXIMUM OF FORTY-EIGHT (48) HOURS, UNTIL BACKFILL IS COMPLETE. IF DIRECTED, SOAKER HOSES SHALL BE INSTALLED TO FACILITATE PROPERLY MOIST CONDITIONS. NO POOLING OF OR CONTINUOUS RUNNING WATER SHALL OCCUR WITHIN THE TPZ OTHER THAN THAT DURING THE IRRIGATION PROCESS. IF ROOTS ARE TO BE EXPOSED FOR A PERIOD GREATER THAN 48-HOURS, THE EXPOSED AREA SHALL BE COVERED WITH AT LEAST 6-INCHES OF MULCH AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNTIL THE AREA CAN BE PROPERLY BACKFILLED.
15. WHEN A TREE PROTECTION DEFICIENCY, AS DETERMINED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE, IS IDENTIFIED, IT MUST BE REMEDIED WITHIN 24-HOURS OF NOTIFICATION BY THE AGENCY. FAILURE TO CORRECT THE DEFICIENCY WITHIN THIS TIMEFRAME WILL RESULT IN A STOP WORK ORDER, LIQUIDATED DAMAGES, OR BOTH.
16. ANY DAMAGE TO EXISTING TREES DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL MITIGATE SUCH DAMAGE AS DIRECTED BY THE BOROUGH FORESTER OR THEIR REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
17. THE CONTRACTOR SHALL BE ASSESSED RESTITUTION, AS SOLELY DETERMINED BY THE DEPARTMENT OF PARKS AND RECREATION (NYCDPR), FOR TREES THAT ARE INJURED, IRREPARABLY DAMAGED, DESTROYED, OR REMOVED WITHOUT AUTHORIZATION.

DRAINAGE NOTES

1. ALL PROPOSED DRAINAGE WORK SHALL BE DONE IN CONFORMANCE WITH THE LATEST STANDARDS OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION (NYCDEP) AND THE LATEST STANDARDS OF THE DEPARTMENT OF PARKS AND RECREATION (NYCDPR). DISCREPANCIES BETWEEN THE STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
2. ALL EXISTING SEWER MANHOLES TO BE RETAINED WITHIN THE CONTRACT LIMIT LINE SHALL BE ADJUSTED AS NECESSARY, SO THAT THEY WILL BE FLUSH WITH THE FINISHED GRADES AFTER COMPLETION OF THE WORK. ANY OF THESE MANHOLES WHICH HAVE DAMAGED, WORN OR NON-STANDARD FRAMES AND COVERS SHALL BE PROVIDED WITH NEW 27" DIA. CASTINGS IN ACCORDANCE WITH THE LATEST STANDARDS OF NYC PARKS INCLUDING ANY NECESSARY MODIFICATIONS OF THE MANHOLE MASONRY. ANY DAMAGE TO THE MANHOLES CAUSED BY THIS WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR, AS DIRECTED BY THE ENGINEER, AND AT NO COST TO THE CITY.
3. CARE SHALL BE TAKEN NOT TO DAMAGE EXISTING SEWERS DURING CONSTRUCTION. ANY DAMAGE CAUSED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, AT NO EXTRA COST TO THE CITY.
4. WHERE THE HEIGHT OF AN EXISTING MANHOLE PERMITS MORE THAN ONE BASIN CONNECTION TO BE MADE ON THE SAME WALL, SPECIAL PRECAUTION SHALL BE TAKEN TO PROTECT THE STRUCTURAL INTEGRITY OF THE MANHOLE. THE MINIMUM CLEARANCE BETWEEN THE OUTSIDE WALLS OF ANY TWO BASIN CONNECTIONS OR BETWEEN A BASIN CONNECTION AND A SEWER, VERTICALLY OR HORIZONTALLY, SHALL BE 12 INCHES.
5. THE COST OF RAISING OR LOWERING CITY-OWNED MANHOLES, BASINS AND INLET HEADS TO PROPOSED GRADES WILL BE DEEMED INCLUDED IN THE PRICES BID FOR ALL THE SCHEDULED ITEMS WHEN THE VERTICAL UPWARD MOVEMENT OF ALL HEADS IS TWENTY-FOUR (24) INCHES OR LESS, WHEN THE VERTICAL DOWNWARD MOVEMENT OF MANHOLE HEADS IS SIX (6) INCHES OR LESS AND WHEN THE VERTICAL DOWNWARD MOVEMENT OF BASIN OR INLET HEADS IS THREE (3) INCHES OR LESS, UNLESS OTHERWISE PROVIDED OR DIRECTED, AND WHERE THE ADJUSTMENT IS WITHIN THE BRICK WORK LIMIT. WHEN THE EXISTING STRUCTURE CONSISTS OF A BRICK CHIMNEY OR A CONCRETE ROOF SLAB OR BRICK ON CONCRETE WALLS, THE MAXIMUM ALLOWABLE HEIGHT OF BRICK AFTER ADJUSTMENT SHALL BE TWENTY-FOUR (24) INCHES. ALL OTHER ADJUSTMENTS WILL BE PAID FOR UNDER THE APPROPRIATE MANHOLE, BASIN OR INLET MODIFICATION ITEMS.
6. ALL ABANDONED BASINS, INLETS AND DRAINAGE STRUCTURES AS SHOWN ON THE CONTRACT PLANS ARE TO BE BULK-HEADED AND CUT DOWN TO TWO (2) FEET BELOW THE SUBGRADE AND FILLED WITH COMPACTED CLEAN SAND. BASIN CONNECTIONS NOT REQUIRED SHALL BE PLUGGED AT BOTH ENDS. COST FOR THIS WORK SHALL BE DEEMED INCLUDED IN PRICES BID FOR ALL SCHEDULED ITEMS.
7. CATCH BASINS SHALL NOT, UNDER ANY CIRCUMSTANCES, BE CONNECTED TO SANITARY SEWERS.
8. ALL NEW CATCH BASIN CONNECTIONS SHALL BE CONNECTED TO EXISTING SEWERS AT MANHOLES, WITH DUCTILE IRON PIPE, CLASS 56, WITH INTERNALLY LOCKED "PUSH-ON" JOINTS LAID ON 6" OF BROKEN STONE FOR THE ENTIRE WIDTH OF THE TRENCH AND FOR ONE-HALF THE PIPE DIAMETER. THE BROKEN STONE SHALL BE HARD UNWEATHERED STONE UNIFORMLY GRADED FROM 1/4" TO 3/4"IN DIAMETER. IT SHALL CONFORM TO COMMERCIAL 1/4" TO 3/4" STONE. ALL NEW CATCH BASINS SHALL HAVE A HOOD ON THE OUTLET PIPE.
9. SLOPE ON ALL NEW CATCH BASIN CONNECTIONS SHALL BE A MINIMUM OF 1/2% AND A MAXIMUM OF 4% PROVIDED THE TOTAL DROP BETWEEN THE BASIN AND THE BASIN/MANHOLE IS AT LEAST 6 INCHES.
10. CATCH BASINS IN THE PROJECT AREA SHALL BE MAINTAINED OPERABLE AT ALL TIMES. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO AVOID FILLING THE CATCH BASINS WITH DEBRIS WITHIN THE CONTRACT LIMIT LINE DURING THE CONTRACT OPERATIONS. IF, AS A RESULT OF CONSTRUCTION, A FLOODING CONDITION OCCURS, OR IN THE EVENT THE CONTRACTOR'S OPERATIONS DAMAGE OR BLOCK THE DRAINAGE SYSTEM, THE CONTRACTOR SHALL AT THEIR OWN EXPENSE IMMEDIATELY REPAIR OR RESTORE THE DRAINAGE SYSTEM AS DIRECTED BY THE ENGINEER AT NO EXTRA COST TO THE CITY.
11. CONTRACTOR SHALL PROVIDE TEMPORARY MEANS (PIPES, PUMPS, ETC.) TO DRAIN ANY STORMWATER WHICH MAY DEVELOP WITHIN THE CONTRACT LIMIT LINE FOR THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL SUBMIT A DRAINAGE SCHEME WHICH MUST BE APPROVED BY THE ENGINEER PRIOR TO THE START OF EACH CONSTRUCTION STAGE. COST OF THIS WORK WILL BE DEEMED TO HAVE BEEN INCLUDED IN THE PRICE BID FOR ALL SCHEDULED ITEMS.
12. ALL EXISTING SEWERS AND SEWER HOUSE CONNECTIONS SHALL BE CONTINUOUSLY MAINTAINED DURING CONSTRUCTION BY THE CONTRACTOR. IF ANY SEWER OR SEWER HOUSE CONNECTION IS TO BE DISCONNECTED FOR CONSTRUCTION PURPOSES, FLOW SHALL BE MAINTAINED BY FLUMING OR OTHER SUITABLE MEANS AS DIRECTED BY THE ENGINEER AND IN SUCH A MANNER THAT NO BACK-UPS OCCUR. EXISTING SEWERS, HOUSE CONNECTIONS OR OTHER SEWER APPURTENANCES WHICH ARE TO REMAIN, AND WHICH MIGHT BE DISTURBED FOR CONSTRUCTION PURPOSES, SHALL BE RESTORED TO THEIR PRESENT CONDITION AFTER COMPLETION OF THE WORK, AND ANY DAMAGE DONE AS A RESULT OF THE WORK SHALL BE REPAIRED AT NO EXTRA COST TO THE CITY.

EROSION AND SEDIMENT CONTROL NOTES

1. NO LAND DISTURBANCE, DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING, BUT NOT LIMITED TO, SILT FENCING, INLET PROTECTION, AND TREE PROTECTION HAVE BEEN INSTALLED AS SHOWN ON THE CONTRACT DRAWINGS. IF CLEARING IS REQUIRED FOR INSTALLATION OF A PARTICULAR MEASURE, ALL MEASURES NOT REQUIRING CLEARING SHALL BE INSTALLED FIRST. CLEARING OF THE NECESSARY LAND FOR INSTALLATION OF THE PARTICULAR MEASURE MAY THEN PROCEED.
2. DUE TO THE NATURE OF THE WORK REQUIRED BY THIS CONTRACT, IT IS ANTICIPATED THE LOCATION AND NATURE OF EROSION AND SEDIMENT CONTROL MEASURES WILL BE ADJUSTED AS CONSTRUCTION PROGRESSES TO REFLECT THE CURRENT PHASE OF WORK. THE CONSTRUCTION SCHEDULE ADOPTED BY THE CONTRACTOR WILL IMPACT THE PLACEMENT AND NEED FOR SPECIFIC DEVICES REQUIRED FOR THE CONTROL OF EROSION. THE LOCATION AND EXTENT OF EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REVISED AT EACH PHASE OF CONSTRUCTION RESULTING IN A CHANGE OF EITHER THE QUANTITY OR DIRECTION OF SURFACE RUNOFF FROM THE CONSTRUCTION AREAS.
3. INLET PROTECTION IS REQUIRED FOR ALL CATCH BASINS AND MANHOLES WITH OPEN GRATES WITHIN THE CONTRACT LIMIT LINE.
4. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM THE ENGINEER AND REGULATORY AGENCIES FOR DEVIATIONS FROM THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
5. CLEARING SHALL BE LIMITED AS MUCH AS POSSIBLE TO AREAS REQUIRED FOR CURRENT CONSTRUCTION ACTIVITIES. MASS CLEARING AND GRADING SHALL BE AVOIDED.
6. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE ENGINEER WITHIN 24 HOURS FOLLOWING EVERY RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY SEVEN CALENDAR DAYS.
7. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY AS REQUIRED TO MAINTAIN PERFORMANCE OF MEASURE. MEASURES SHALL BE CLEANED WHEN SEDIMENT VOLUME REACHES ½ OF TOTAL VOLUME OF MEASURE. REMOVED SEDIMENT SHALL BE DISPOSED OF IN SUCH A MANNER AND LOCATION AS TO INSURE FURTHER SEDIMENT TRANSPORT DOES NOT OCCUR.
8. CONTRACTOR SHALL INITIATE STABILIZATION MEASURES AS SOON AS PRACTICABLE ON STOCKPILES AND IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. THIS REQUIREMENT DOES NOT APPLY IN THE FOLLOWING INSTANCES:
    a. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE;
    b. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN FOURTEEN (14) DAYS, TEMPORARY STABILIZATION MEASURES NEED NOT BE INITIATED ON THAT PORTION OF THE SITE.
9. ALL DISTURBED AREAS SHALL DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBANCE ACTIVITIES AND UNTIL FINAL STABILIZATION IS ACHIEVED. SEDIMENT-LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING, OR OTHER ACTIVITIES SHALL BE PUMPED INTO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, SWALE, OR CATCH BASIN.
10. SOIL STOCKPILE AND LAYDOWN AREAS SHALL HAVE PERIMETER SEDIMENT CONTROL MEASURES AND TEMPORARY OR PERMANENT STABILIZATION MEASURES INSTALLED AS SOON AS POSSIBLE AND AT COMPLETION OF STOCKPILING AND LAYDOWN ACTIVITIES. STOCKPILE SIDE SLOPES SHALL NOT EXCEED 3H ; 1V UNLESS APPROVED BY ENGINEER. TOP OF STOCKPILE SHALL BE GRADED WITH A MINIMUM 5% SLOPE TO INSURE PROPER DRAINAGE.
11. ALL DISTURBED AREAS, EXCEPT FOR CONCRETE AND PAVED AREAS, SHALL BE FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE SEEDING SCHEDULE, AND RE-SEEDED AS NECESSARY, TO ESTABLISH AND MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
12. ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT THE DEPOSITION OF MATERIALS ONTO TRAVERSED OFFSITE ROADWAYS. IF MATERIAL IS TRACKED ONTO OFFSITE ROADWAYS, IT SHALL BE REMOVED IMMEDIATELY. DO NOT UTILIZE A WATER HOSE TO CLEAN ROADS UNLESS THE RUNOFF IS DIRECTED TO A PROPERLY DESIGNED AND FUNCTIONING SEDIMENT CONTROL DEVICE. PROPER PRECAUTIONS SHALL BE TAKEN TO ENSURE THAT MATERIALS DEPOSITED ONTO OFFSITE ROADWAYS ARE REMOVED SO THAT THEY DO NOT ENTER YARD INLETS, CATCH BASINS, SEWERS, WETLANDS, SURFACE WATER BODIES, OR ROADSIDE SWALES.
13. WHERE CONCRETE EQUIPMENT WASHING IS REQUIRED, THIS MUST BE DONE IN AN APPROVED “CONCRETE CONTAINMENT AREA”. CONTRACTOR SHALL NOT DISCHARGE ANY CONCRETE WASHOUT WATER INTO SEWERS, SURFACE WATER BODIES OR ONTO THE GROUND. ALL WASHOUT WATER MUST BE REMOVED FROM THE SITE(S) DAILY.
14. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST NEW YORK STATE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL.
15. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE, PERMANENT VEGETATION IS ESTABLISHED ON ALL DISTURBED AREAS, AND THE ENGINEER HAS GIVEN PERMISSION FOR REMOVAL.

NYC Environmental Protection
CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks
CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
GENERAL NOTES

DESIGNED BY	DRAWN BY		CHECKED BY
B-SCAN	SCALE	DRAWING NO.	CONTRACT NO. GI-CONS-8
	DATE NOV 2026	G002	SHEET No. 2 OF 34 SHEETS

ABBREVIATIONS

AS PER RECORD	(A)
ASPHALT	ASPH.
BOTTOM OF CURB	B.C.
BOTTOM OF WALL	B.W.
CAST IRON	C.I.
CATCH BASIN	C.B.
CHAIN LINK FENCE	C.L.F
COMBINED	COMB.
CONCRETE	CONC.
CONCRETE CURB	C.C.
CONCRETE SIDEWALK	C.S.W.
CONSTRUCTION LIMIT LINE	C.L.L.
COPPER TUBING	C.T.
CRITICAL ROOT ZONE	C.R.Z.
DROP CURB	D.C.
DIAMETER	DIA.
DUCTILE IRON PIPE	D.I.P.
ELEVATION	ELEV.
EXISTING	EXIST.
EXTRA STRENGTH STEEL PIPE	E.S.S.P.
EXTRA STRENGTH VITRIFIED PIPE	E.S.V.P.
FROM RECORD PLAN	F.R.P.
GRANITE CURB	GRAN C.
HIGH DENSITY POLYETHYLENE	H.D.P.E.
INNER DIAMETER	I.D.
INVERT	INV.
LINED CAST IRON PIPE	L.C.P.
METAL FENCE	M.F.
OUTER DIAMETER	O.D.
ON CENTER	O.C.
MANHOLE	M.H.
NOT TO SCALE	N.T.S.
PAVERS	PAV.
PERFORATED POLYETHYLENE CORRUGATED PIPE	P.P.C.P.
PIPE RAIL FENCE	P.R.F
POLYETHYLENE CORRUGATED PIPE	P.C.P.
POLYVINYL CHLORIDE PIPE	P.V.C.
REINFORCED CONCRETE PIPE	R.C.P.
SANITARY	SAN.
SEWER	SWR.
STEEL FACED CURB	S.F.C.
STEEL WICKET FENCE	S.W.F.
STORM	STM.
TOP OF CURB	T.C.
TOP OF HOOD	T.O.H.
TOP OF WALL	T.W.
TREE PROTECTION ZONE	T.P.Z.
UNKNOWN	UNK.
VITRIFIED TILE PIPE	V.T.P.
WROUGHT IRON FENCE	W.I.F.

	EXISTING	PROPOSED
ELECTRIC MANHOLE	E	E
TELEPHONE MANHOLE	T	T
GAS MANHOLE	G	G
WATER MANHOLE	W	W
FIRE DEPT. MANHOLE	F	F
STORM SEWER MANHOLE	STM	STM
COMBINED SEWER MANHOLE	COMB	COMB
SANITARY SEWER MANHOLE	SAN	SAN
UNIDENTIFIED MANHOLE (NO RECORD AVAILABLE)	Mh	Mh
RECORD MANHOLE	S	S
HARDWARE RIM EL. & INV. EL. (SEWER, ETC.)	61.23 INV.47.89	61.23 INV.47.89
CATCH BASIN		
INLET		
YARD DRAIN		
LOW PRESSURE HYDRANT		
HIGH PRESSURE HYDRANT		
WOOD UTILITY POLE		
WOOD UTILITY POLE WITH STREET LIGHT		
STREET LIGHT (METAL POLE)		
GAS VALVE	G	G
WATER VALVE	W	W
TREE (SIZE AS LABELED)	12"	7"
SHRUB		
SIGN (GROUND MOUNTED)		
DRINKING FOUNTAIN		
FLAGPOLE		
MAPPED PROPERTY LINE	PL	
WATER SERVICE (WITH SIZE - LESS THAN 5")	1" WATER	1" WATER
8" WATER MAIN	8" WATER	8" WATER
12" WATER MAIN	12" WATER	12" WATER
48" WATER MAIN	48" WATER	48" WATER
72" WATER MAIN	72" WATER	72" WATER
STORM SEWER (WITH SIZE - LESS THAN 24")	15" STM. SEWER	15" STM. SEWER
STORM SEWER (WITH SIZE - 24" OR GREATER)	24" STM. SEWER	24" STM. SEWER
SANITARY SEWER (WITH SIZE - LESS THAN 24")	15" SAN. SEWER	15" SAN. SEWER
SANITARY SEWER (WITH SIZE - 24" OR GREATER)	24" SAN. SEWER	24" SAN. SEWER
COMBINED SEWER (WITH SIZE - LESS THAN 24")	15" COMB. SEWER	15" COMB. SEWER
COMBINED SEWER (WITH SIZE - 24" OR GREATER)	24" COMB. SEWER	24" COMB. SEWER
GAS LINE (WITH SIZE)	4" GAS	4" GAS
ELECTRIC	ELECTRIC	ELECTRIC
TELEPHONE	TELEPHONE	TELEPHONE
CABLE	CABLE	CABLE
FIRE ALARM	FIRE ALARM	FIRE ALARM
OVERHEAD (AERIAL) UTILITY LINE	A/E,T,F	A/E,T,F
CHAIN LINK FENCE (W/ HEIGHT)	6'	6'
IRON PICKET FENCE (W/ HEIGHT)	5'	5'
WIRE FENCE (W/ HEIGHT)	5'	
IRON ON CONCRETE COPING		
WOOD PICKET FENCE (W/ HEIGHT)	4'	4'
GUARD POST	GP	GP
BEAM TYPE MALL BARRIER		
PORTABLE PRECAST CONCRETE BARRIER		
CAST IN PLACE CONCRETE BARRIER		
RETAINING WALL (W/TYPE)	RW (STN.)	RW (STN.)
RAILROAD/TROLLEY TRACK		

LOT & BLOCK NUMBER — 39 BLOCK 2109

ANGLE — 0.00

LEGEND

	EXISTING	PROPOSED
TREE DRIPLINE		
TREE CRITICAL ROOT ZONE		
TREE PROTECTION ZONE		
MAJOR CONTOUR LINE	35	36
MINOR CONTOUR LINE	35	36
CONSTRUCTION ACCESS/ENTRANCE		
STAGING AREA		
STABILIZED CONSTRUCTION ENTRANCE		
TEMPORARY ASPHALT ENTRANCE		
FULL DEPTH PAVEMENT REMOVAL		
FULL DEPTH ASPHALT INSTALLATION		
FULL EXCAVATION LIMIT		
SAWCUT LIMIT		
PIPE REMOVAL		
POINT OF BEGINNING		
CONSTRUCTION LIMIT LINE		CLL
SILT FENCE		SF SF
TEMPORARY CONSTRUCTION FENCE		CF
STRAW BALE DIKE		
TREE TO BE PROTECTED		7"
TREE TO BE TRANSPLANTED		7"
TREE TO BE REMOVED		7"
BORING LOCATION		B
PERMEABILITY TEST LOCATION		PT
GREEN INFRASTRUCTURE PRACTICE		
CLEANOUT		
ON-SITE GREEN INFRASTRUCTURE MANHOLE		
OUTLET CONTROL STRUCTURE		
DUAL CATCH BASIN		
MODIFIED CURB INLET		
PROPOSED STORM DRAIN (W/ FLOW DIRECTION)		
DRAINAGE AREA		
FLOW DIRECTION		FLOW
GREEN INFRASTRUCTURE CHARACTERISTICS		GI PRACTICE ID (TRIBUTARY AREA / VOLUME OF X.XX" STORM / CAPACITY MANAGED)
HAND EXCAVATION LIMIT		
STEEL BOLLARD		
CONCRETE SIDEWALK REMOVAL		
PIPE RAIL FENCE		
SIDEWALK AND CURB INSTALLATION		

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

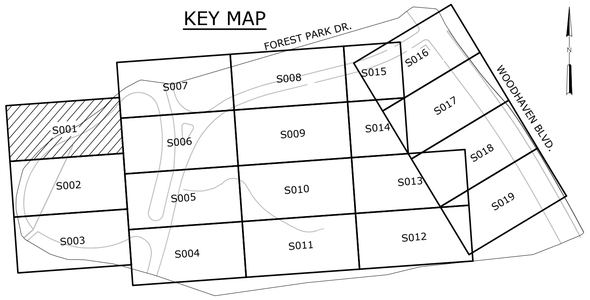
PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
LEGEND & ABBREVIATIONS

DESIGNED BY	DRAWN BY	CHECKED BY
B-SCAN	SCALE	DRAWING NO. G003
	DATE NOV 2026	CONTRACT NO. GI-CONS-8
		SHEET No. 3 OF 34 SHEETS



KEY MAP



5 0 5 10
SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 1

DESIGNED BY	DRAWN BY	CHECKED BY
	KL	JP

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S001	GI-CONS-8
	DATE NOV 2026		SHEET No. 4 OF 34 SHEETS

MATCHLINE - SEE DRAWING NO. S001

MATCHLINE - SEE DRAWING NO. S006

MATCHLINE - SEE DRAWING NO. S005

MATCHLINE - SEE DRAWING NO. S003

ASPHALT PARKING LOT

3' WOODEN RAIL FENCE

CONC. SIDEWALK

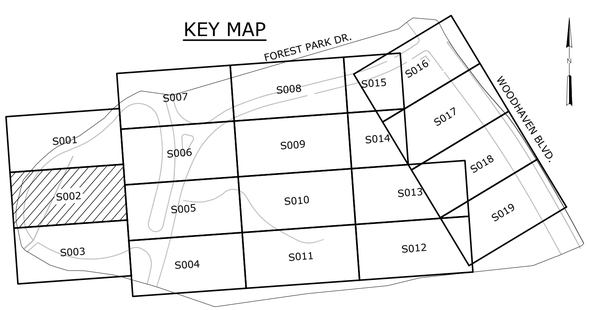
GRASS

CONC.

TEMPORARY CURB WITH 6" C.L.F.

C.C.

KEY MAP



SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 2

DESIGNED BY	DRAWN BY	CHECKED BY
	KL	JP

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S002	GI-CONS-8
	DATE NOV 2026		SHEET No. 5 OF 34 SHEETS

MATCHLINE - SEE DRAWING NO. S002

MATCHLINE - SEE DRAWING NO. S004

MATCHLINE - SEE DRAWING NO. S005

GRAVEL PATH

CONC. SIDEWALK

3' WOODEN RAIL FENCE

GRASS

ASPHALT PARKING LOT

TEMPORARY CURB WITH 6" C.L.P.

RIM: 144.23
INV. A: 141.0
INV. B: 140.7
INV. C: 140.6
BOT. 138.4

18" STM. SWR.

15" STM. SWR.

RIM: 143.28
INV. A: 139.9
INV. B: 139.9
BOT. 137.2

RIM: 142.23
INV. A: 138.9
INV. B: 138.8
BOT. 138.4

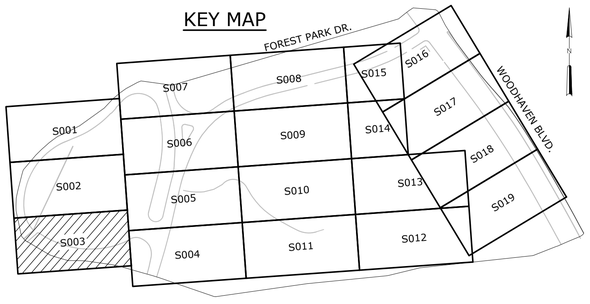
CONC. WALL

CONC. STEPS

4" IRON FENCE OW C.C

BOOTH

KEY MAP



SCALE: 1" = 10'

Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK
3866

LOT
70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 3

DESIGNED BY	DRAWN BY	CHECKED BY
	KL	JP

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S003	GI-CONS-8
	DATE NOV 2026		SHEET No. 6 OF 34 SHEETS

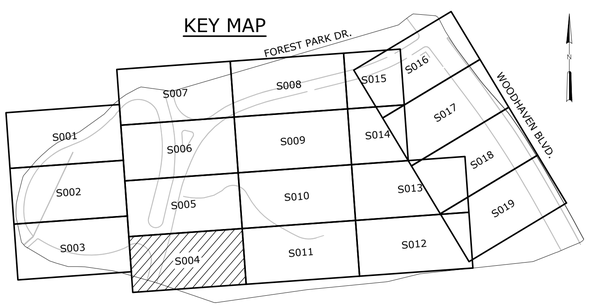
MATCHLINE - SEE DRAWING NO. S005

MATCHLINE - SEE DRAWING NO. S003

MATCHLINE - SEE DRAWING NO. S011

RIM: 140.86
INV. A: 136.1
INV. B: 136.0
BOT. 136.0
18" STM. SWR.
METAL POST
GATE
GRASS
CONC. SIDEWALK
4' IRON FENCE ON CONC. WALL
CONC. STEPS
FOREST PARK DR. (ASPH. RDWY.)
DIRT
ASPHALT SIDEWALK
DIRT PATH
6' CLF

KEY MAP



5 0 5 10
SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 4

DESIGNED BY	DRAWN BY	CHECKED BY
	KL	JP

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S004	GI-CONS-8
	DATE NOV 2026		SHEET No. 7 OF 34 SHEETS

MATCHLINE - SEE DRAWING NO. S006

MATCHLINE - SEE DRAWING NO. S002

MATCHLINE - SEE DRAWING NO. S003

MATCHLINE - SEE DRAWING NO. S010

MATCHLINE - SEE DRAWING NO. S004

RIM: 141.78
INV. A: 137.5
INV. B: 134.8
INV. C: 134.3
TOP OF WATER 134.5

RIM: 141.81
INV. A: 135.4
INV. B: 135.1
BOT. 134.8

RIM: 140.16
INV. A: 132.4
INV. B: 129.4
BOT. 129.4

RIM: 140.16
INV. CNO
FULL OF DEBRIS

FOREST PARK DR. (ASPH. RDWY.)

CONC. SIDEWALK

ASPHALT WALKWAY

GRASS

ASPHALT SIDEWALK

METAL POST

GATE

2" WATER (R)

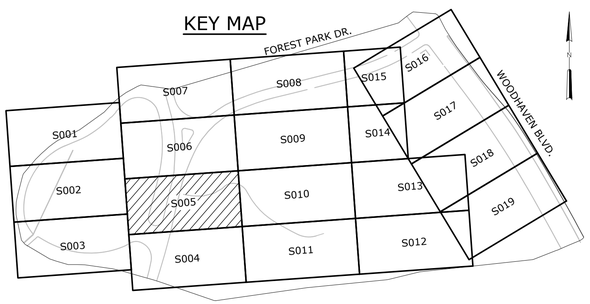
6" C.L.F.

18" STM. SWR.

S.F.C. DC

C.C.

KEY MAP



5 0 5 10
SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK
3866

LOT
70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 5

DESIGNED BY	DRAWN BY	CHECKED BY
	KL	JP

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S005	GI-CONS-8
	DATE NOV 2026		SHEET No. 8 OF 34 SHEETS

MATCHLINE - SEE DRAWING NO. S007

MATCHLINE - SEE DRAWING NO. S001

MATCHLINE - SEE DRAWING NO. S002

MATCHLINE - SEE DRAWING NO. S009

MATCHLINE - SEE DRAWING NO. S005

STONE WALL

SALT PILE

RIM: 141.65
INV. A: 138.5
BOT. 138.2

RIM: 140.86
INV. A: 137.2
INV. B: 137.0
BOT. 135.4

RIM: 137.28
INV. CNO
FULL OF DEBRIS

RIM: 137.11
INV. A: 135.4
INV. B: 133.9
BOT. 133.0

RIM: 136.84
INV. CNO
BOT. 130.0

RIM: 134.79
INV. A: 127.1
INV. B: 126.3
INV. C: 115.5
INV. D: 115.4
INV. E: 115.2
BOT. 115.2

FOREST PARK DR. (ASPHT. ROWY.)

CONC. SIDEWALK

GRASS

ASPHALT SIDEWALK

ROCKS

DIRT DITCH

12" STM. SWR.

15" STM. SWR.

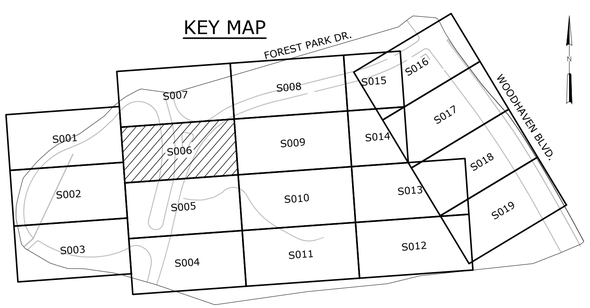
18" STM. SWR.

10" STM. SWR.

6' C.L.F.

C.C.

KEY MAP



SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

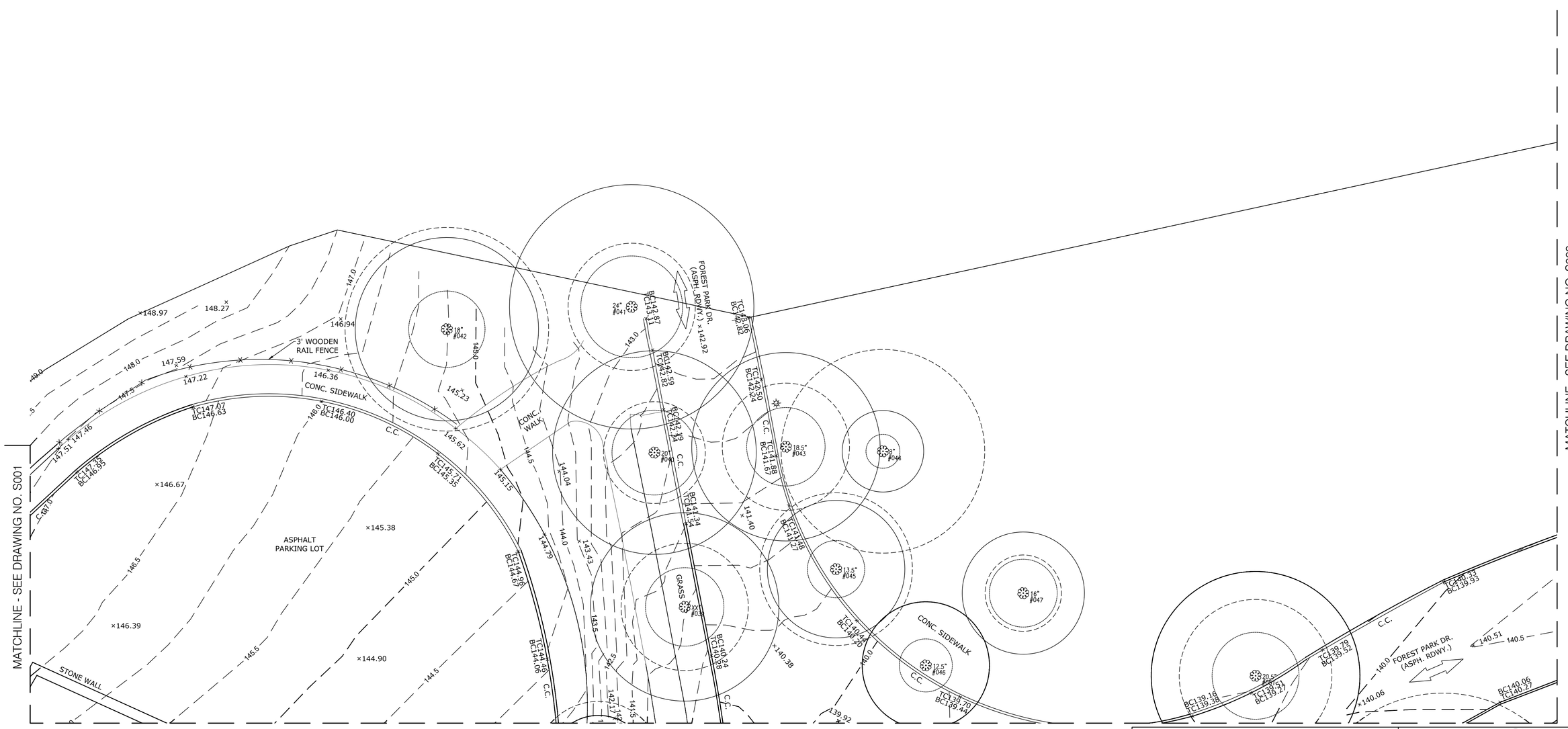
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

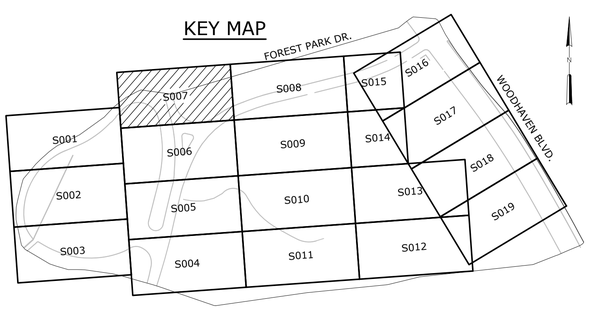
DRAWING TITLE
TOPOGRAPHIC SURVEY - 6

DESIGNED BY	DRAWN BY	CHECKED BY
	KL	JP

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S006	GI-CONS-8
	DATE NOV 2026		SHEET No. 9 OF 34 SHEETS



KEY MAP



SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

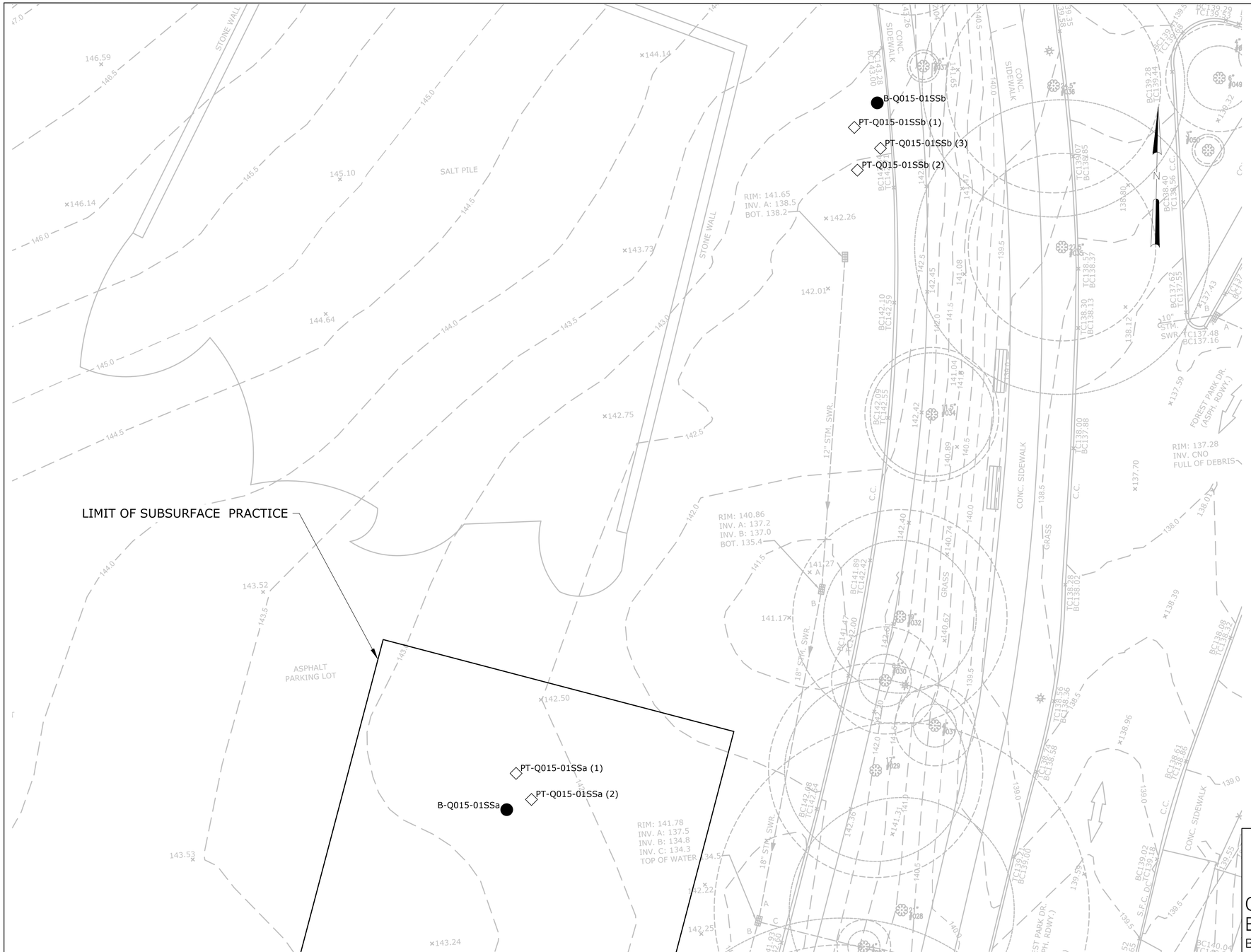
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 7

DESIGNED BY	DRAWN BY	CHECKED BY
	KL	JP

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S007	GI-CONS-8
	DATE NOV 2026		SHEET No. 10 OF 34 SHEETS



LEGEND

BORING LOCATION ●B

PERMEABILITY TEST LOCATION ◇PT

LIMIT OF SUBSURFACE PRACTICE

5 0 5 10

SCALE: 1" = 10'

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
BORING PLAN

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	B100	GI-CONS-8
	DATE NOV 2026		SHEET No. 11 OF 34 SHEETS

Depth Below Ground Surface (ft)		Soil Description (Field Observations)	SPT Blows per 6"	N Value	Recovery Length (inches)	Remarks
0		Asphalt				
	Bulk Sample 1 (S1)	Dry, mod. compaction, grey and brown, m-f SAND with trace silt and trace gravel (SW)	24 / 24 / 16 / 11	40	8	Fill
5	Bulk Sample 2 (S2)	Dry, high compaction, brown, m-f SAND and silt with trace gravel and trace clay (SM)	4 / 3 / 3 / 3	6	11	Sample contains brick fragments Fill
	Bulk Sample 3 (S3)	Bottom 9": dry, low compaction, brown, c-f SAND with trace silt and trace gravel (SW); See Remarks	12 / 6 / 4 / 6	10	14	Top 5"*: dry, high compaction, brown, m-f SAND and silt with trace gravel and trace clay (SM). See additional remarks below.
10	Bulk Sample 4 (S4)	Dry, low compaction, brown, c-m SAND with some gravel (SP)	7 / 6 / 7 / 4	13	7	Fill
	Bulk Sample 5 (S5)	Dry, mod. compaction, black, m-f SAND with silt and trace gravel (SP-SM)	9 / 8 / 11 / 26	19	6	Fill
15	Bulk Sample 6 (S6a/S6b)	Top 6" (S6a): dry, dense, black, SILT with m-f sand and trace gravel (SM); See Remarks	12 / 6 / 7 / 7	13	12	Bottom 6" (S6b): dry, low compaction, brown, c-f SAND with trace silt and trace gravel (SW). Separate samples collected for upper and lower strata. Fill.

Boring terminated at 15 feet below ground surface unless otherwise instructed.

Inspector's Remarks:
Continued remarks for 7-9' bgs sample:
*Not submitted to laboratory because same as previous sample.
1" gravel layer present between top and bottom layers of spoon retrieval. Sample contains brick and asphalt fragments. Fill.

B-Q015-01SSa

Depth Below Ground Surface (ft)		Soil Description (Field Observations)	SPT Blows per 6"	N Value	Recovery Length (inches)	Remarks
0		Asphalt				
	Bulk Sample 1 (S1)	Low moisture, low compaction, brown/black, silty SAND (SM)	6 / 10 / 9 / 8	19	22	Sample contains broken red rock and gravel
5	Bulk Sample 2 (S2)	Mod. moisture, low compaction, brown/orange, silty SAND (SM)	12 / 11 / 9 / 8	20	13	Sample contains 4" of ash and broken glass
	Bulk Sample 3 (S3)	Mod. moisture, high compaction, brown, silty SAND (SM)	7 / 6 / 8 / 9	14	15	Sample contains some weathered rock
10	Bulk Sample 4 (S4)	Mod. moisture, low compaction, red/brown, silty SAND (SM)	8 / 8 / 10 / 8	18	9.5	Sample contains redish rock and gravel
	Bulk Sample 5 (S5)	Mod. moisture, low compaction, red/brown, silty SAND (SM)	11 / 7 / 13 / 11	20	19	Sample contains ash and weathered rock
15	Bulk Sample 6 (S6)	Mod.-high moisture, low compaction, brown, silty SAND (SM)	9 / 12 / 13 / 12	25	17	Sample contains about 3" of ash and broken rock

Boring terminated at 15 feet below ground surface unless otherwise instructed.

Inspector's Remarks:

B-Q015-01SSb

Boring ID	LABORATORY SAMPLE RESULTS		
	Depth (ft)	USCS Symbol	% Passing No 200 Sieve
B-Q015-01SSa	3'-5'	SM	19.6%
	5'-7'	SC-SM	28.4%
	7'-9'	SM	16.4%
	9'-11'	SM	18.7%
	11'-13'	SM	16.6%
	13'-15'	SM	23.4%
B-Q015-01SSb	3'-5'	SM	23.9%
	5'-7'	SM	15.5%
	7'-9'	SM	21.4%
	9'-11'	SM	18.7%
	11'-13'	SM	15.5%
	13'-15'	SM	16.3%

B-Q015-01SS, LAB SAMPLE RESULTS

Location	PERMEABILITY TEST SUMMARY	
	Test Depth (ft)	Average Permeability for In-Situ Testing 1 (inches/hour)
PT-Q015-01SSa(2)	5'	0.33
	10'	0.10
PT-Q015-01SSb(2)	5'	0.30
	10'	0.08

PT-Q015-01SS, PERMEABILITY TEST

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

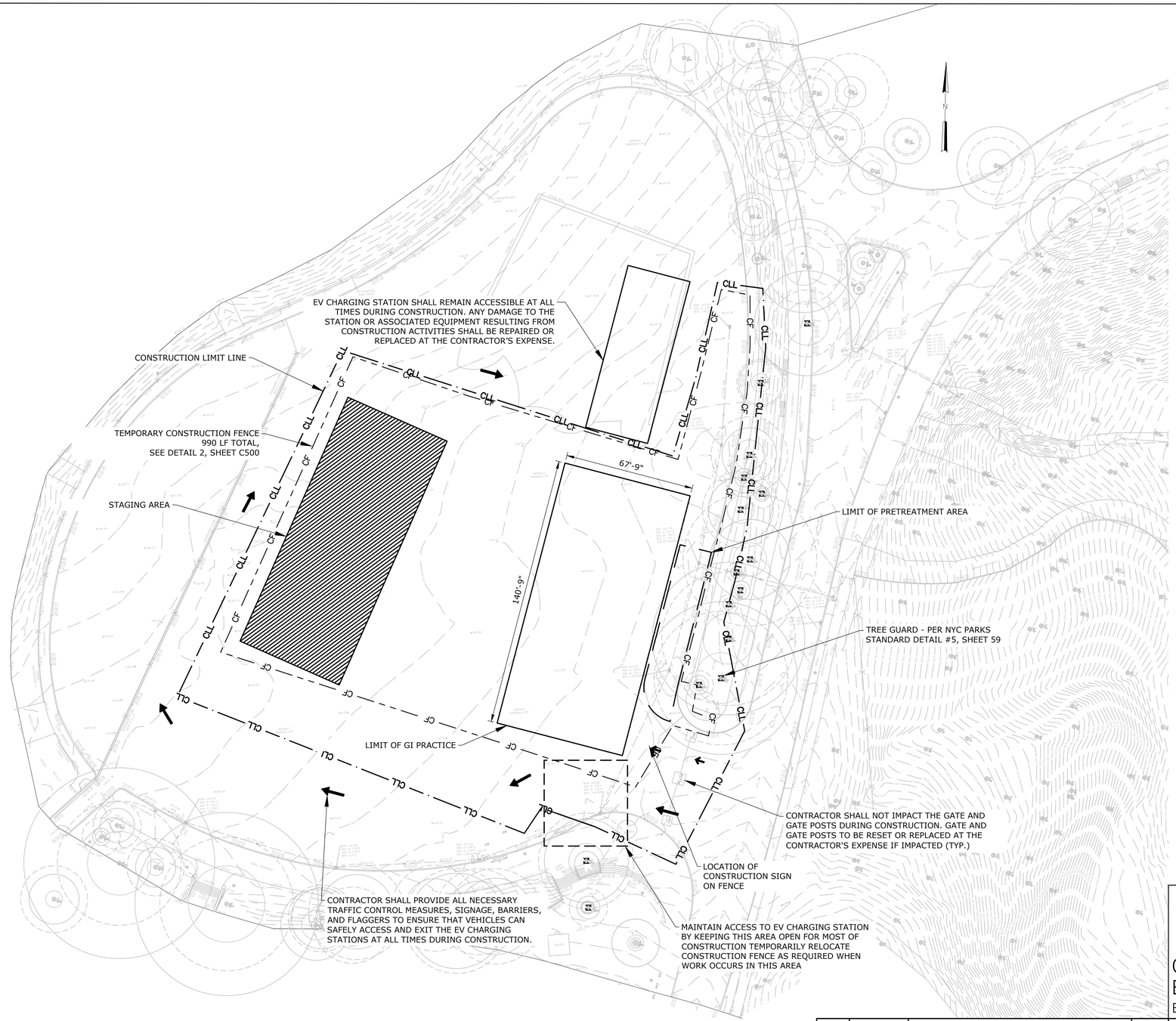
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
BORING LOGS

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT
	----	B101	NO. GI-CONS-8
	DATE NOV 2026		SHEET No. 12 OF 34 SHEETS



LEGEND

- TREE DRIPLINE
- TREE CRITICAL ROOT ZONE
- STAGING AREA
- CONSTRUCTION ACCESS/ENTRANCE
- CONSTRUCTION LIMIT LINE — CLL
- TEMPORARY CONSTRUCTION FENCE — CF
- TREE TO BE PROTECTED — # 7"
- PUBLIC ACCESS

15 0 15 30
SCALE: 1" = 30'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
TREE PROTECTION, STAGING, & ACCESS PLAN

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 30'	C100	GI-CONS-8
	DATE NOV 2026		SHEET No. 13 OF 34 SHEETS

TREE #	SPECIES (common name)	DBH (inches)	CTLA CONDITION RATING	ISA CRITICAL ROOTZONE (CRZ) RADIUS (ft.)	TREE REMOVAL	STUMP REMOVAL	TRANSPLANT TREE	PREPARATORY PRUNING							TREE PROTECTION							DECOMPACT					PREPARATORY FERTILIZE	TREE GROWTH REGULATOR	COMMENTS
								ANSI A-300																						
								Cleaning	Raising	Reducing	Restoring	Structural	Thinning	Limb Tying	Temporary Wooden Tree Guard	Temporary Wooden Tree Guard For Groves	Temporary Fence Boundary	Protect Existing Tree Roots w/ Woodchips	Protect Existing Tree Roots w/ Plywood or Mats	Protect Existing Tree Roots w/ Fencing	Air-Tilling 3 Ft Radius	Air-Tilling 5 Ft Radius	Radial Trench	Vertical Mulch			
1	AMERICAN SYCAMORE	22	63%	22.0				X		X					X														Minor buried root flare, Fair trunk structure, Fair branch structure, Minor dead branches, Major leaf spot
2	OAK, WILLOW	8	75%	6.0				X				X			X														Minor girdling root, Fair trunk structure, Fair branch structure, Minor dead branches, Minor leaf spot
3	LINDEN, AMERICAN	10	50%	12.5								X																	Extreme buried root flare, Fair trunk structure, Minor trunk wounds, Poor branch structure, Minor thin canopy
4	OAK, NORTHERN RED	46	56%	57.5				X		X																			Minor buried root flare, Minor basal rot, Fair trunk structure, Minor bark rot, Topped leader, Minor dead branches, Minor thin canopy
5	DOGWOOD, FLOWERING	3	75%	3.0								X																	Minor buried root flare, Fair trunk structure, Fair branch structure, Minor thin canopy
6	MAPLE, NORWAY	13	69%	12.5				X				X	X																Minor girdling root, Poor trunk structure, Poor branch structure, Minor dead branches
7	MAPLE, NORWAY	20	81%	20.0							X																		Minor buried root flare, Fair trunk structure, Fair branch structure
8	MAPLE, NORWAY	16	72%	16.0							X																		Minor buried root flare, Minor exposed roots, Minor basal rot, Fair trunk structure, Fair branch structure
9	WALNUT, BLACK	20	75%	25.0				X			X																		Major buried root flare, Fair branch structure, Minor dead branches
10	OAK, NORTHERN RED	16	63%	15.5				X		X																			Extreme buried root flare, Minor trunk lean, Fair trunk structure, Poor branch structure, Minor dead branches
11	CHERRY, BLACK	6	59%	4.5				X				X																	Major buried root flare, Major girdling roots, Codominant leaders, Fair branch structure, Minor dead branches
12	OAK, NORTHERN RED	20	72%	19.5				X		X																			Minor buried root flare, Fair trunk structure, Fair branch structure, Major dead branches
13	BIRCH, YELLOW	11	78%	11.0						X																			Major exposed roots, Codominant leaders, Fair branch structure
14	OAK, NORTHERN RED	7	75%	5.3						X																			Major buried root flare, Fair trunk structure, Fair branch structure
15	OAK, NORTHERN RED	16	72%	16.0						X																			Major girdling roots, Minor trunk lean, Poor branch structure, Codominant leaders
16	OAK, NORTHERN RED	19	81%	18.5						X																			Major basal cavity, Fair branch structure
17	OAK, WHITE	48	56%	48.0				X		X																			Major buried root flare, Minor water sprouts, Fair trunk structure, Fair branch structure, Major dead branches
18	CHERRY, OTHER	11	56%	10.5				X				X																	Major buried root flare, Extreme basal rot, Fair trunk structure, Poor branch structure, Minor dead branches
19	OAK, NORTHERN RED	40	59%	50.0				X		X																			Major buried root flare, Minor basal wound, Minor bark rot, Poor branch structure, Minor dead branches
20	CRABAPPLE	6	56%	4.5									X																Major buried root flare, Major basal rot, Fair trunk structure, Major crossing branches, Major leaf spot
21	CRABAPPLE	9	56%	9.0									X																Major buried root flare, Fair trunk structure, Minor thin canopy, Minor water sprouts, Fair branch structure, Major leaf spot
22	ZELKOVA, JAPANESE	11	69%	13.1								X																	Major buried root flare, Minor exposed roots, Fair trunk structure, Major trunk wounds, Fair branch structure
23	AMERICAN SYCAMORE	32	66%	32.0				X		X					X														Minor buried root flare, Fair trunk structure, Minor thin canopy, Fair branch structure, Minor dead branches
24	AMERICAN SYCAMORE	32	69%	32.0				X		X					X														Minor buried root flare, Fair trunk structure, Minor thin canopy, Fair branch structure, Minor dead branches
25	HOLLY SPECIES	6	100%	3.0											X														No comment
26	DOGWOOD, KOUSA	5	100%	5.0											X														No comment
27	HOLLY SPECIES	4	100%	3.0											X														No comment
28	AMERICAN SYCAMORE	21	75%	21.0				X							X														Minor buried root flare, Fair trunk structure, Minor thin canopy, Fair branch structure, Minor dead branches
29	OAK, PIN	17	75%	17.0				X							X														Minor buried root flare, Fair trunk structure, Fair branch structure, Minor dead branches
30	OAK, PIN	7	94%	4.9				X							X														Minor dead branches
31	DOGWOOD, KOUSA	4	75%	4.0											X														Minor buried root flare, Minor trunk damage, Poor branch structure
32	ELM, OTHER	19	75%	14.3				X							X														Minor buried root flare, Fair trunk structure, Fair branch structure, Minor dead branches
33	PLUM, PURPLELEAF	5	41%	5.0				X				X			X														Major buried root flare, Poor trunk structure, Poor branch structure, Minor dead branches, Major leaf disease
34	OAK, PIN	12	66%	11.5				X							X														Minor constricted root zone, Minor buried root flare, Fair trunk structure, Fair branch structure, Minor dead branches
35	OAK, PIN	28	66%	27.5				X							X														Minor constricted root zone, Minor buried root flare, Fair trunk structure, Fair branch structure, Minor dead branches
36	OAK, PIN	25	66%	24.5				X																					Minor constricted root zone, Minor buried root flare, Fair trunk structure, Fair branch structure, Minor dead branches
37	ELM, OTHER	3	100%	3.0																									No comment
38	ELM, OTHER	13	75%	9.8				X																					Minor buried root flare, Fair trunk structure, Fair branch structure, Minor dead branches
39	OAK, PIN	19	66%	18.5				X																					Minor buried root flare, Minor constricted root zone, Fair trunk structure, Poor branch structure, Minor dead branches
40	OAK, PIN	20	66%	20.0				X																					Minor buried root flare, Minor constricted root zone, Fair trunk structure, Poor branch structure, Minor dead branches
41	OAK, PIN	24	66%	24.0				X																					Minor buried root flare, Minor constricted root zone, Fair trunk structure, Poor branch structure, Minor dead branches
42	LONDON PLANETREE	18	88%	18.0				X																					Fair branch structure, Minor dead branches
43	OAK, PIN	19	69%	18.5				X																					Minor buried root flare, Minor constricted root zone, Fair trunk structure, Poor branch structure, Minor dead branches
44	DOGWOOD, KOUSA	8	47%	8.0								X																	Minor buried root flare, Major basal rot, Major bark rot, Poor trunk structure, Poor branch structure
45	OAK, NORTHERN RED	14	53%	13.5				X																					Major buried root flare, Minor girdling root, Poor trunk structure, Minor water sprouts, Poor branch structure, Major thin canopy
46	OAK, NORTHERN RED	13	50%	12.5				X																					Major exposed roots, Minor girdling root, Minor bark rot, Poor trunk structure, Poor branch structure, Major dead branches, Minor leaf chlorosis
47	GINKGO	16	44%	12.0				X																					Extreme buried root flare, Minor vine coverage, Fair trunk structure, Poor branch structure, Extreme thin canopy, Minor dead branches
48	YEW	4	94%	4.0								X																	Fair trunk structure
49	DOGWOOD, KOUSA	6	59%	6.0								X																	Minor exposed roots, Major girdling roots, Poor trunk structure, Poor branch structure, Major leaf spot
50	YEW	3	81%	3.0								X																	Minor buried root flare, Fair trunk structure, Fair branch structure
51	OAK, NORTHERN RED	21	53%	20.5				X		X																			Major constricted root zone, Fair trunk structure, Minor thin canopy, Minor water sprouts, Poor branch structure, Major dead branches
52	OAK, WHITE	28	78%	21.0				X				X																	Minor constricted root zone, Fair trunk structure, Fair branch structure, Minor dead branches
53	MAPLE, NORWAY	36	25%	36.0						X																			Extreme decline
54	OAK, NORTHERN RED	26	69%	26.0				X																					Minor constricted root zone, Minor girdling root, Fair trunk structure, Minor water sprouts, Poor branch structure, Minor dead branches
55	OAK, NORTHERN RED	26	69%	25.5				X																					Minor constricted root zone, Minor girdling root, Fair trunk structure, Minor water sprouts, Poor branch structure, Minor dead branches
56	OAK, NORTHERN RED	25	69%	25.0				X																					Minor constricted root zone, Minor girdling root, Fair trunk structure, Minor water sprouts, Poor branch structure, Minor dead branches
57	OAK, NORTHERN RED	25	69%	25.0				X																					Minor constricted root zone, Minor girdling root, Fair trunk structure, Minor water sprouts, Poor branch structure, Minor dead branches
58	OAK, NORTHERN RED	26	69%	25.5				X																					Minor constricted root zone, Minor girdling root, Fair trunk structure, Minor water sprouts, Poor branch structure, Minor dead branches
59	BLACK LOCUST	25	59%	18.8				X																					Minor constricted root zone, Poor trunk structure, Poor branch structure, Minor dead branches
60	OAK, NORTHERN RED	25	69%	25.0				X																					Minor constricted root zone, Minor girdling root, Fair trunk structure, Minor water sprouts, Poor branch structure, Minor dead branches
61	OAK, NORTHERN RED	26	69%	25.5				X																					Minor constricted root zone, Minor girdling root, Fair trunk structure, Minor water sprouts, Poor branch structure, Minor dead branches
62	OAK, NORTHERN RED	25	69%	25.0				X																					Minor constricted root zone, Minor girdling root, Fair trunk structure, Minor water sprouts, Poor branch structure, Minor dead branches
63	OAK, NORTHERN RED	25	69%	25.0				X																					Minor constricted root zone, Minor girdling root, Fair trunk structure, Minor water sprouts, Poor branch structure, Minor dead branches
64	OAK, NORTHERN RED	25	69%	24.5				X																					Minor constricted root zone, Minor girdling root, Fair trunk structure, Minor water sprouts, Poor branch structure, Minor dead branches
65	OAK, NORTHERN RED	25	78%	25.0				X																					Minor constricted root zone, Fair trunk structure, Fair branch structure, Minor dead branches
66	OAK, NORTHERN RED	25	78%	25.0				X																					Minor constricted root zone, Fair trunk structure, Fair branch structure, Minor bark rot, Minor dead branches
67	OAK, NORTHERN RED	25	78%	25.0				X																					Minor constricted root zone, Fair trunk structure, Fair branch structure, Minor bark rot, Minor dead branches
68	OAK, NORTHERN RED	26	78%	25.5				X																					Minor constricted root zone, Fair trunk structure, Fair branch structure, Minor dead branches
69	OAK, NORTHERN RED	26	66%	26.0				X																					Minor constricted root zone, Minor buried root flare, Fair trunk structure, Fair branch structure, Minor dead branches, Minor leaf spot
70	LONDON PLANETREE	3	72%	3.0				X																					Major buried root flare, Minor basal wound, Fair trunk structure, Fair branch structure, Minor leaf spot
71	CHERRY, KWANZAN	5	25%	5.0	X																								Extreme decline
72	OAK, PIN	15	50%	15.0																									Major decline
73	OAK, WILLOW	46	75%	57.5				X																					Minor exposed roots, Minor girdling roots, Minor damaged roots, Fair branch structure, Minor dead branches
74	OAK, WILLOW	37	69%	37.0				X		X																			Minor exposed roots, Minor damaged roots, Minor trunk wound, Poor branch structure, Minor dead branches
75	OAK, NORTHERN RED	33	78%	33.0				X																					Major girdling roots, Fair branch structure, Minor dead branches

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK
3866

LOT
70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
TREE PROTECTION SCHEDULE

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN

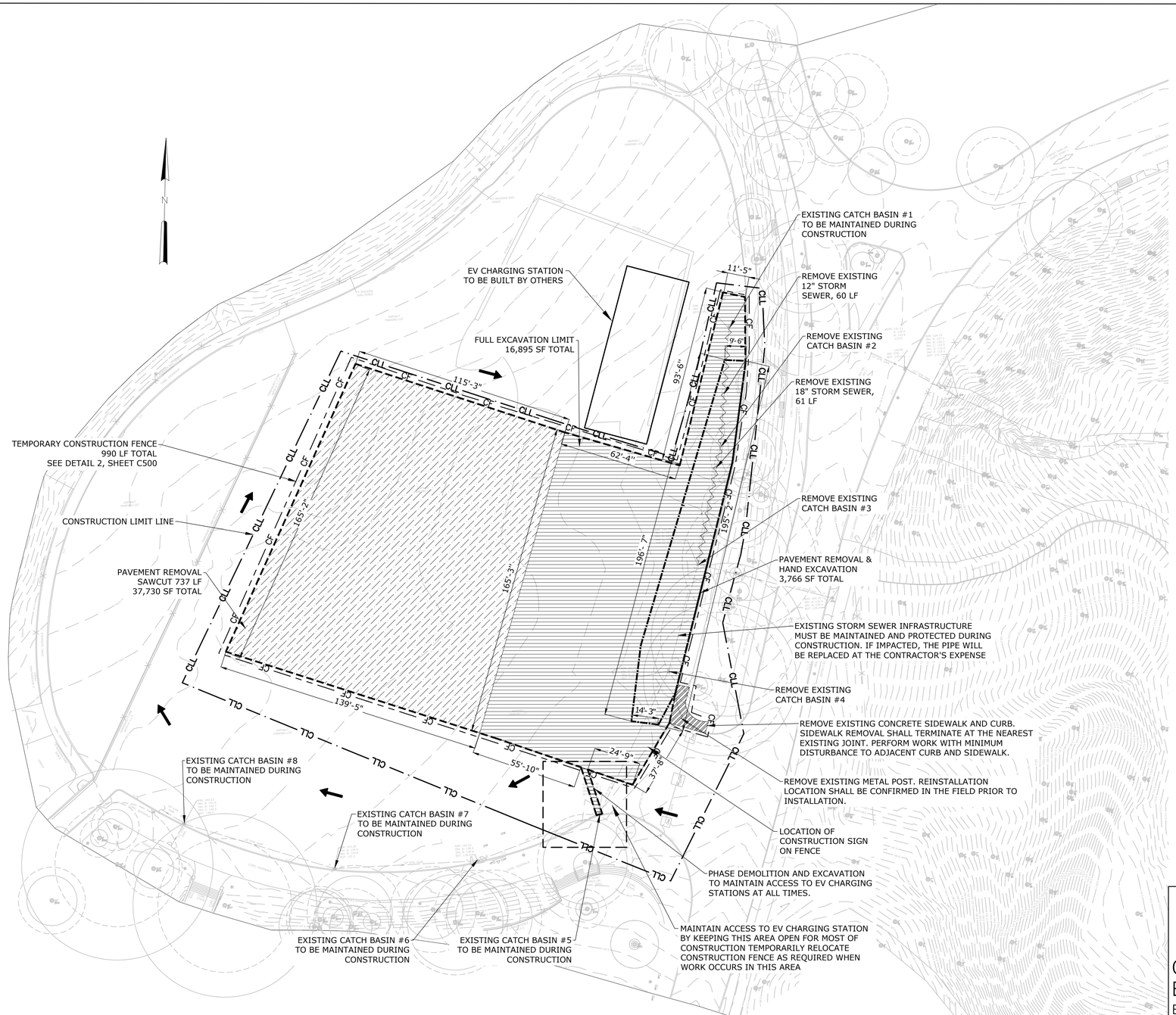
SCALE

DRAWING NO.
C101

CONTRACT
NO. GI-CONS-8

DATE
NOV 2026

SHEET No. 14 OF 34 SHEETS



LEGEND

- SAWCUT LIMIT
- CONSTRUCTION LIMIT LINE — CLL
- TEMPORARY CONSTRUCTION FENCE — CF
- HAND EXCAVATION LIMIT
- PIPE REMOVAL
- FULL DEPTH PAVEMENT REMOVAL
- FULL EXCAVATION LIMIT
- CONCRETE SIDEWALK REMOVAL
- PUBLIC ACCESS

CONSTRUCTION SEQUENCING:

1. INSTALL TEMPORARY CONSTRUCTION FENCE (SEE DETAIL 2, SHEET C500)
2. INLET DRAIN PROTECTION (SEE DETAIL 1, SHEET C500) SHALL BE USED ON ALL INLET DRAINS ADJACENT TO AND DOWNSTREAM OF CONSTRUCTION AREA.
3. SHEETING AND BRACING SHALL BE INSTALLED FOR ALL EXCAVATIONS DEEPER THAN 5 FEET.
4. CONSTRUCTION FENCE SHOWN IS APPROXIMATE OUTER LIMITS. FENCED AREA SHALL BE REDUCED IF AN AREA IS COMPLETED TO ALLOW PEDESTRIAN ACCESS.
5. EXCAVATION AND INSTALLATION OF GREEN INFRASTRUCTURE PRACTICES SHALL BE PERFORMED, ALONG WITH ALL ASSOCIATED APPURTENANCES. HAND/PNUEMATIC EXCAVATION SHALL BE PERFORMED IN AREAS WHERE PAVEMENT NEEDS TO BE REMOVED WITHIN THE CRITICAL ROOT ZONES OF TREES.
6. PAVING IN THE WORK AREA SHALL BE RESTORED. PAINT MARKINGS IN WORK AREAS SHALL BE REPLACED IN KIND.
7. EROSION AND CONTROL MEASURES AND CONSTRUCTION FENCE SHALL BE REMOVED.
8. EXISTING UNDERGROUND SITE DRAINAGE AND SEWER PIPES SHALL BE CLEANED OUT UPON COMPLETION OF THE CONTRACT WORK.
9. NO CONSTRUCTION AT THIS LOT WILL BE PERMITTED BETWEEN THE MONTHS OF JUNE AND AUGUST.

15 0 15 30
SCALE: 1" = 30'

NYC Environmental Protection
CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks
CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
REMOVAL & DEMOLITION PLAN

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN

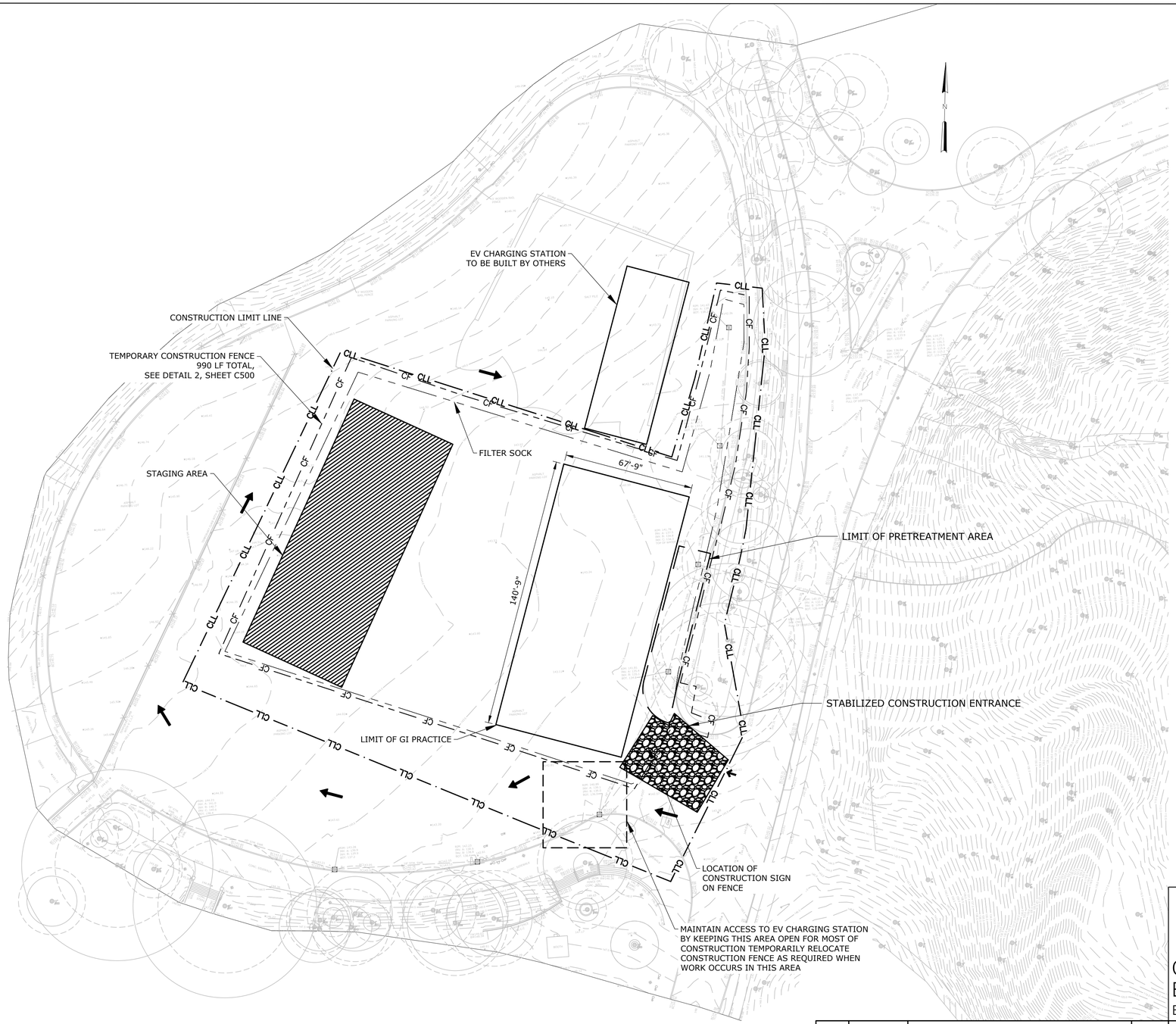
SCALE: 1" = 30'

DRAWING NO.: C102

CONTRACT NO.: GI-CONS-8

DATE: NOV 2026

SHEET No. 15 OF 34 SHEETS



LEGEND

- STAGING AREA
- CONSTRUCTION ACCESS/ENTRANCE
- CONSTRUCTION LIMIT LINE — CLL
- TEMPORARY CONSTRUCTION FENCE — CF
- INLET PROTECTION
- FILTER SOCK
- STABILIZED CONSTRUCTION ENTRANCE
- PUBLIC ACCESS

15 0 15 30
SCALE: 1" = 30'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

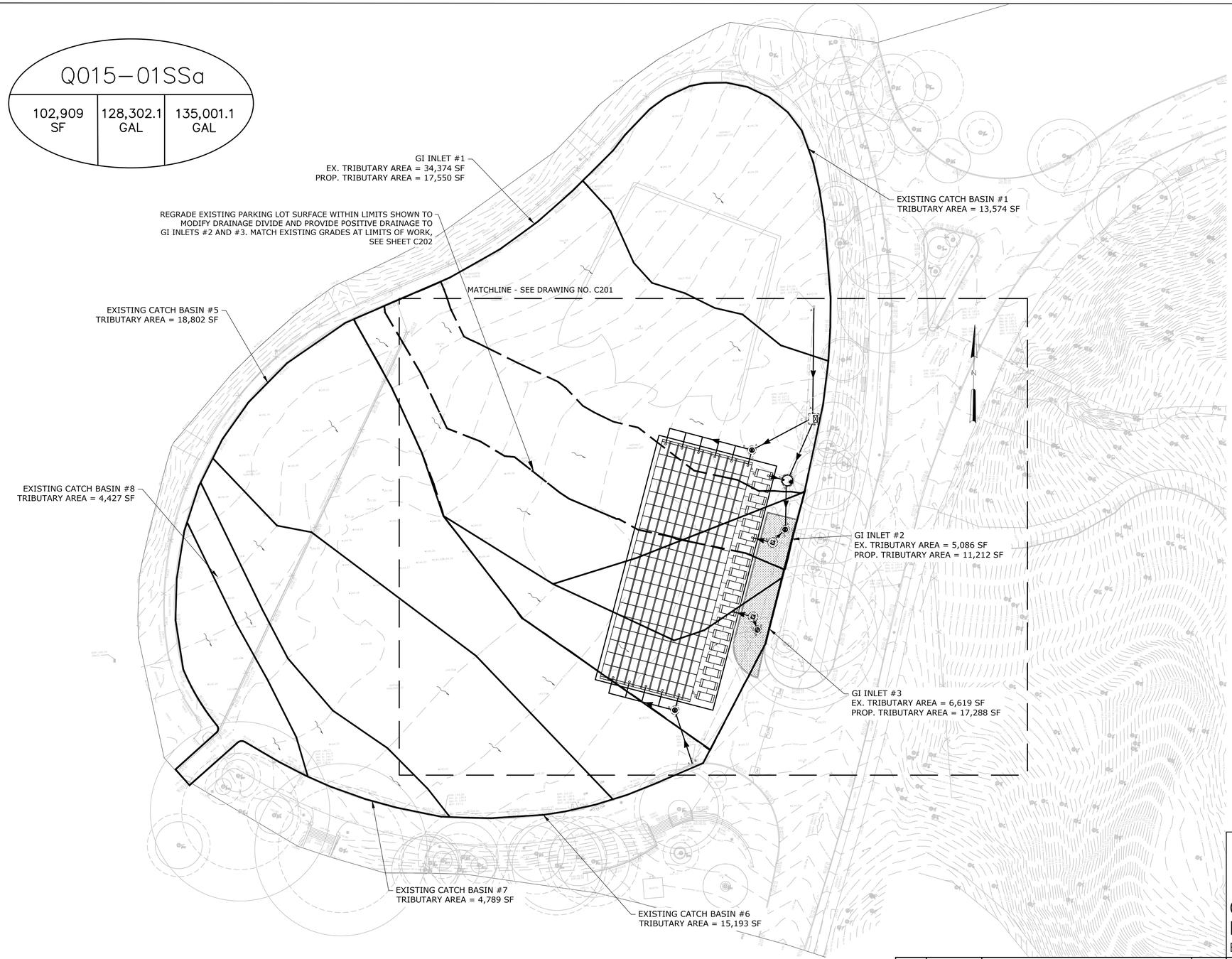
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
EROSION & SEDIMENT CONTROL PLAN

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT
	1" = 30'	C103	NO. GI-CONS-8
	DATE NOV 2026		SHEET No. 16 OF 34 SHEETS



LEGEND

- GREEN INFRASTRUCTURE PRACTICE
- PROPOSED STORM DRAIN
- DRAINAGE AREA
- PROPOSED DRAINAGE AREA
- CLEANOUT
- FLOW DIRECTION
- SOLID CATCH BASIN COVER
- GI INLET
- OUTLET CONTROL STRUCTURE
- MANHOLE
- GREEN INFRASTRUCTURE CHARACTERISTICS

GI PRACTICE ID

TRIBUTARY AREA	VOLUME OF 1" STORM	CAPACITY MANAGED

NOTE:
1. NO CONSTRUCTION AT THIS LOT WILL BE PERMITTED BETWEEN THE MONTHS OF JUNE AND AUGUST.

15 0 15 30
SCALE: 1" = 30'

GI ID	GI Asset Data					Stormwater Storage Calculations										Total Stormwater Managed (Infiltration + Storage)				
							Stone Subbase			Surface Storage				Engineered Soil							
	Managed Impervious Tributary Area	Volume 2" Rainfall on Impervious Area	GI Footprint Surface Area	GI Perimeter	Permeability Coefficient	Stormwater chambers, pipes, tanks, etc. volume	Stone Depth	Stone Voids	Stormwater Captured by Stone Layer	Surface Storage Area	Surface Storage Depth	Surface Storage Volume	Soil Depth	Soil Voids	Stormwater Captured by Soil	Estimated Total Infiltration Volume	Estimated Total Storage Volume	% Impervious Surface Managed	Calculated Volume of Rainfall Captured	Calculated Volume of Rainfall Captured
	sf	cf	sf	ft	in/hr	cf	ft	%	cf	sf	in	cf	ft	%	cf	cf	cf	%	cf	gal
015Sa	102,909	17,151.5	9,535	412	0.30	10525.7	2.87	40	6,724.3	1,419.0	3.0	266.1	1.5	25	532.1	0.0	18,048.3	105%	18,048.3	135,001.0

NO.	DATE	ISSUED FOR	BY

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

SEAL

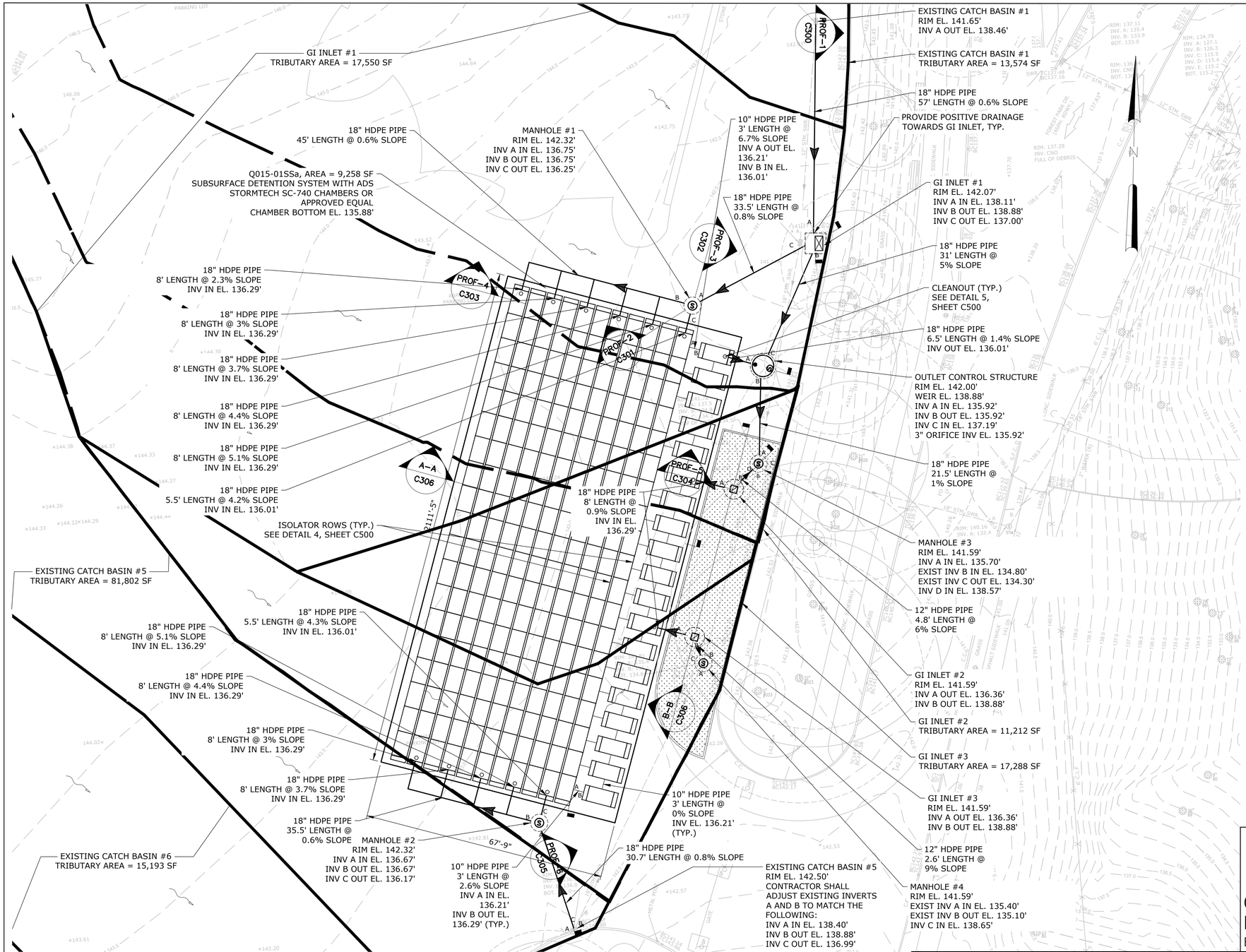
PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
PROPOSED GREEN INFRASTRUCTURE LAYOUT PLAN - 1

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 30'	C200	GI-CONS-8
	DATE NOV 2026		SHEET No. 17 OF 34 SHEETS

BLOCK 3866
LOT 70



LEGEND

- GREEN INFRASTRUCTURE PRACTICE
- PROPOSED STORM DRAIN
- DRAINAGE AREA
- PROPOSED DRAINAGE AREA
- CLEANOUT
- FLOW DIRECTION
- SOLID CATCH BASIN COVER
- PRETREATMENT AREA
- GI INLET
- OUTLET CONTROL STRUCTURE
- MANHOLE
- GREEN INFRASTRUCTURE CHARACTERISTICS — GI PRACTICE ID: TRIBUTARY AREA | VOLUME OF 2" STORM | CAPACITY MANAGED

NOTE:
1. NO CONSTRUCTION AT THIS LOT WILL BE PERMITTED BETWEEN THE MONTHS OF JUNE AND AUGUST.

Q015–01SSa		
102,909 SF	128,302.1 GAL	135,001.1 GAL

GI ID	GI Asset Data					Stormwater Storage Calculations										Total Stormwater Managed (Infiltration + Storage)				
							Stone Subbase			Surface Storage			Engineered Soil							
	Managed Impervious Tributary Area	Volume 2" Rainfall on Impervious Area	GI Footprint Surface Area	GI Perimeter	Permeability Coefficient	Stormwater chambers, pipes, tanks, etc. volume	Stone Depth	Stone Voids	Stormwater Captured by Stone Layer	Surface Storage Area	Surface Storage Depth	Surface Storage Volume	Soil Depth	Soil Voids	Stormwater Captured by Soil	Estimated Total Infiltration Volume	Estimated Total Storage Volume	% Impervious Surface Managed	Calculated Volume of Rainfall Captured	Calculated Volume of Rainfall Captured
	sf	cf	sf	ft	in/hr	cf	ft	%	cf	sf	in	cf	ft	%	cf	cf	cf	%	cf	gal
015Sa	102,909	17,151.5	9,535	412	0.30	10525.7	2.87	40	6,724.3	1,419.0	3.0	266.1	1.5	25	532.1	0.0	18,048.3	105%	18,048.3	135,001.0

NO.	DATE	ISSUED FOR	BY

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

SEAL

BLOCK 3866

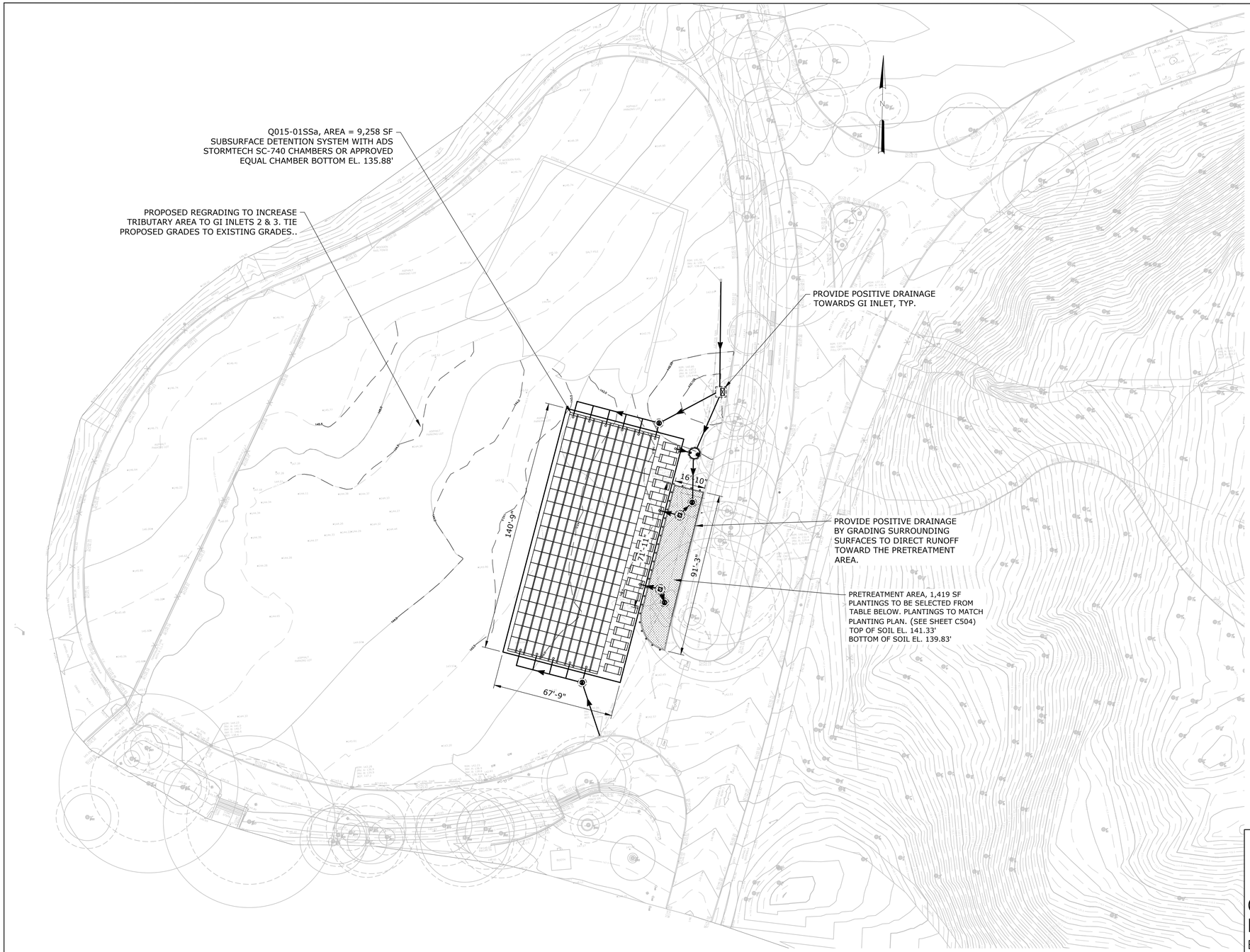
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
PROPOSED GREEN INFRASTRUCTURE LAYOUT PLAN - 2

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT
	1" = 15'	C201	NO. GI-CONS-8
	DATE NOV 2026		SHEET No. 18 OF 34 SHEETS



LEGEND

- GREEN INFRASTRUCTURE PRACTICE
- PROPOSED STORM DRAIN
- DRAINAGE AREA
- PROPOSED CONTOUR (xx')
- CLEANOUT
- FLOW DIRECTION
- GI INLET
- PRETREATMENT AREA
- OUTLET CONTROL STRUCTURE
- MANHOLE
- GREEN INFRASTRUCTURE CHARACTERISTICS

GI PRACTICE ID		
TRIBUTARY AREA	VOLUME OF 1" STORM	CAPACITY MANAGED

- STEEL BOLLARD

NOTE:
1. NO CONSTRUCTION AT THIS LOT WILL BE PERMITTED BETWEEN THE MONTHS OF JUNE AND AUGUST.

Q015–01SSa		
102,909 SF	128302.1 GAL	135,001.1 GAL

15 0 15 30
SCALE: 1" = 30'

Scientific Name	Common Name	Container Size	Planted Area (sqft)	Planted Area (ac)	Density (#/ac)	Total to Plant
Distichlis spicata	Salt grass	2" Plug	1,419	0.03	17560	572
Schoenoplectus tabernaemontani	Softstem bullrush				17000	554
Panicum virgatum	Switchgrass				3000	98
Juncus gerardii	Saltmarsh rush				3000	98
Spartina patens	Salt meadow cordgrass				3000	98
				Total:	**43560**	**1419**

Note: Installation of plants shall be in accordance with Detail 11 on Sheet C504.

NYC Environmental Protection
CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks
CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866
LOT 70

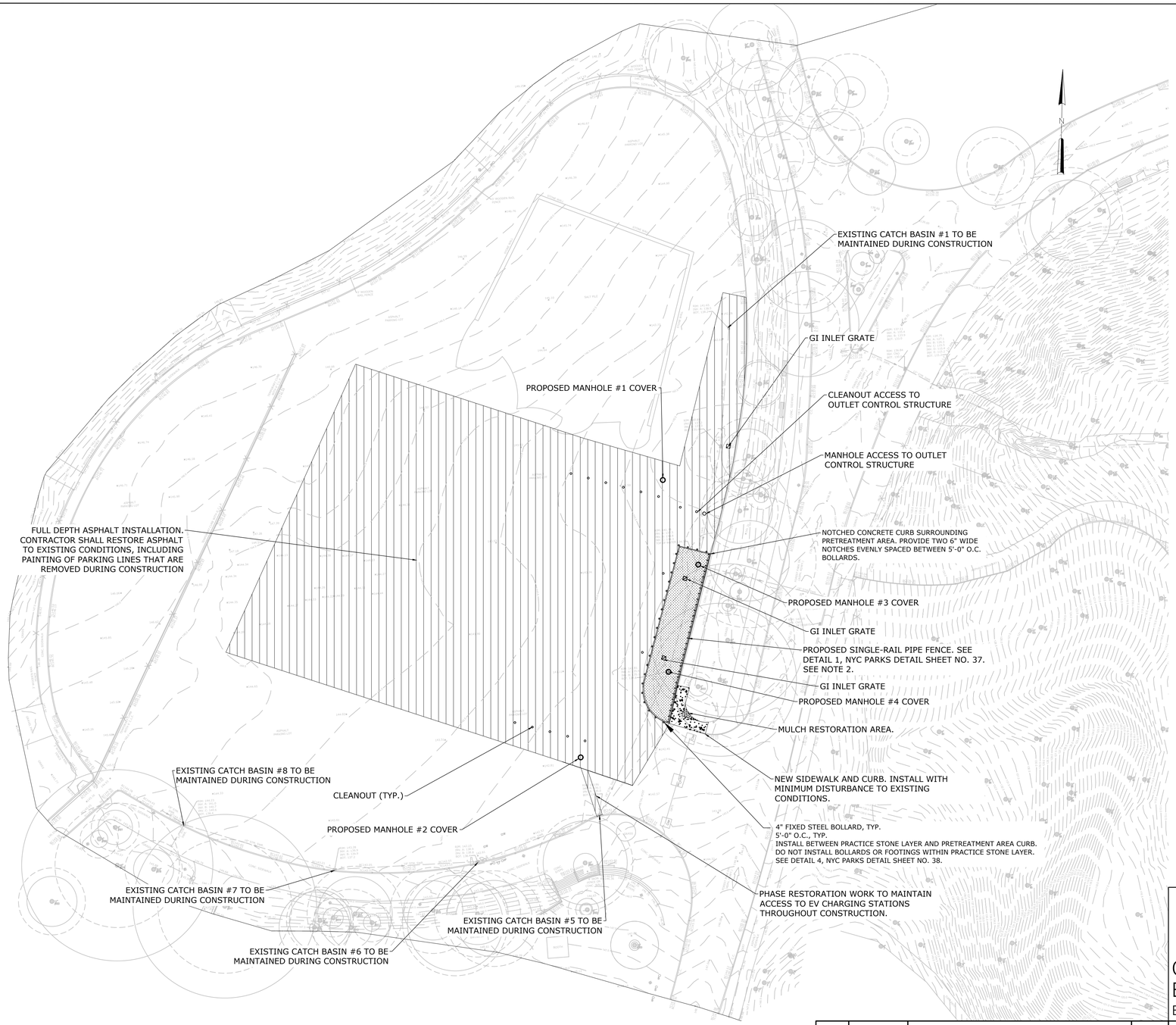
PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
PROPOSED PLANTING & GRADING PLAN

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN

SCALE: 1" = 30'
DRAWING NO.: C202
DATE: NOV 2026
CONTRACT NO.: GI-CONS-8
SHEET No. 19 OF 34 SHEETS



15 0 15 30
SCALE: 1" = 30'

LEGEND

- CLEANOUT
- GI INLET GRATE
- MANHOLE COVER
- FULL DEPTH ASPHALT INSTALLATION
- PIPE RAIL FENCE
- SIDEWALK AND CURB INSTALLATION
- STEEL BOLLARD
- MULCH RESTORATION

NOTES:
1. NO CONSTRUCTION AT THIS LOT WILL BE PERMITTED BETWEEN THE MONTHS OF JUNE AND AUGUST.
2. PROVIDE PIPE RAIL FENCE IN ACCORDANCE WITH DETAIL 1 (TYPE A) OF NYC PARKS DETAIL SHEET NO. 37, EXCEPT AS MODIFIED HEREIN. FENCE SHALL CONSIST OF A SINGLE RAIL ONLY. TOP OF RAIL SHALL BE SET 1'-4" ABOVE THE TOP OF ADJACENT CURB.

NYC Environmental Protection
CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks
CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

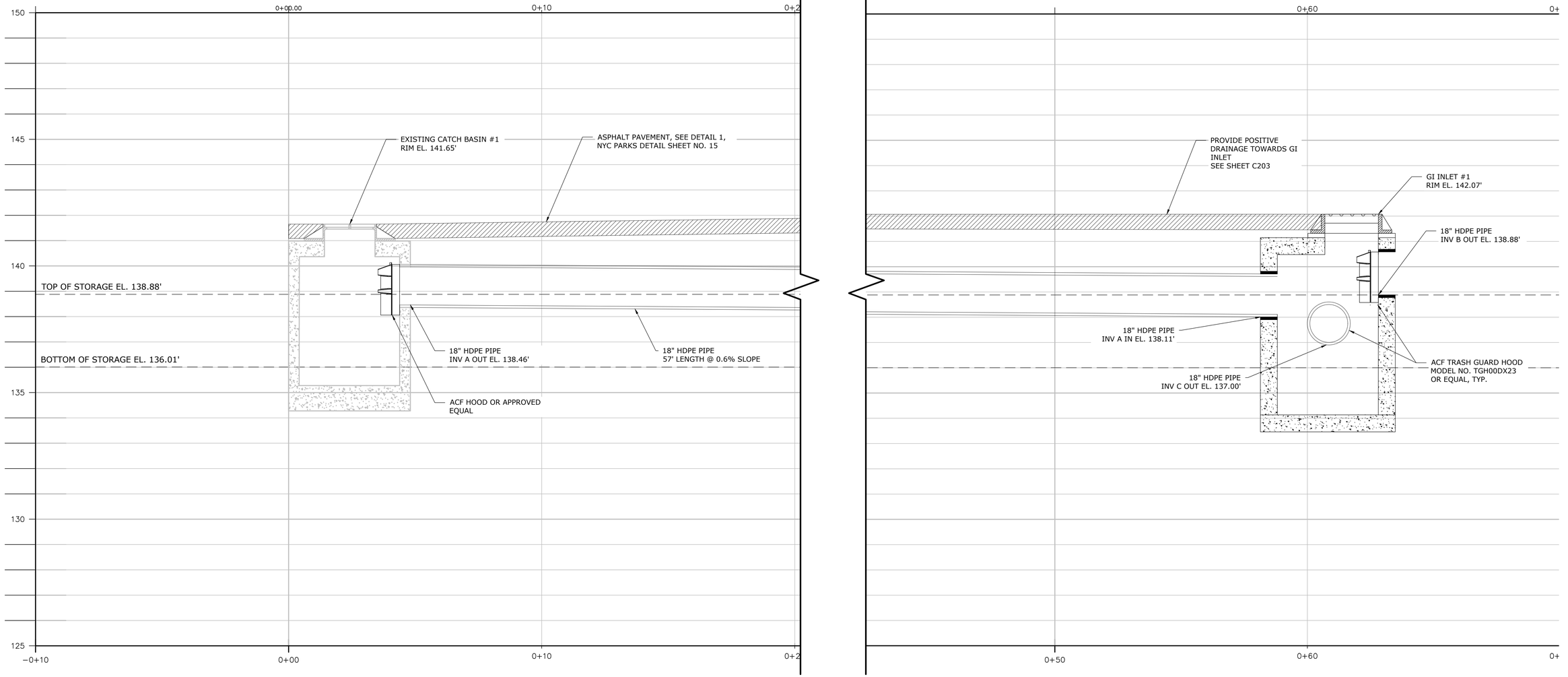
BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
MATERIALS PLAN

DESIGNED BY	DRAWN BY		CHECKED BY
SC/SM/AK	SC/SM/AK		WS
B-SCAN	SCALE 1" = 30'	DRAWING NO. C203	CONTRACT NO. GI-CONS-8
	DATE NOV 2026		SHEET No. 20 OF 34 SHEETS



PROFILE 1: EXISTING CATCH BASIN #1 CONNECTION TO GI INLET #1

Scale: 1" = 2'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

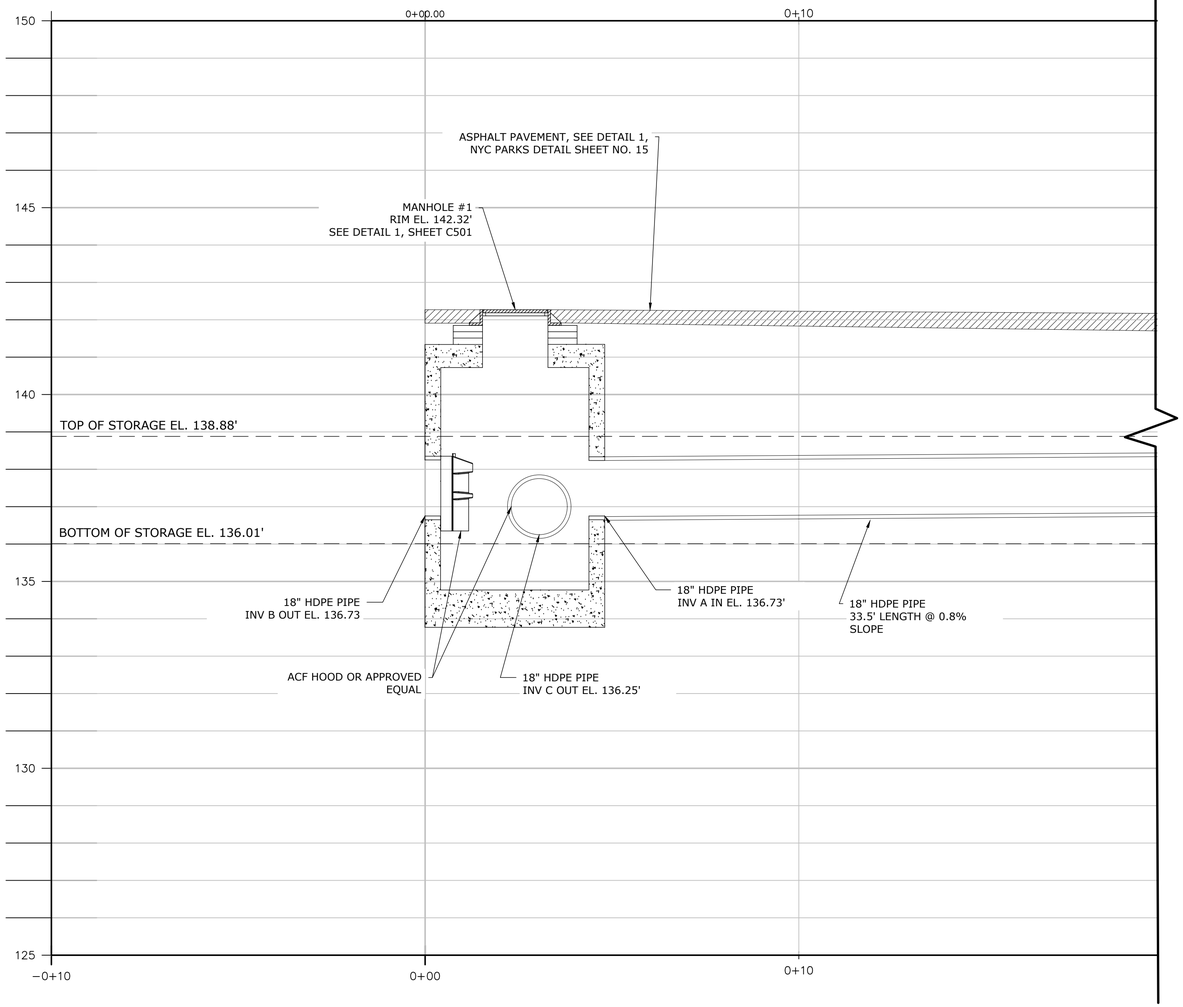
LOT 70

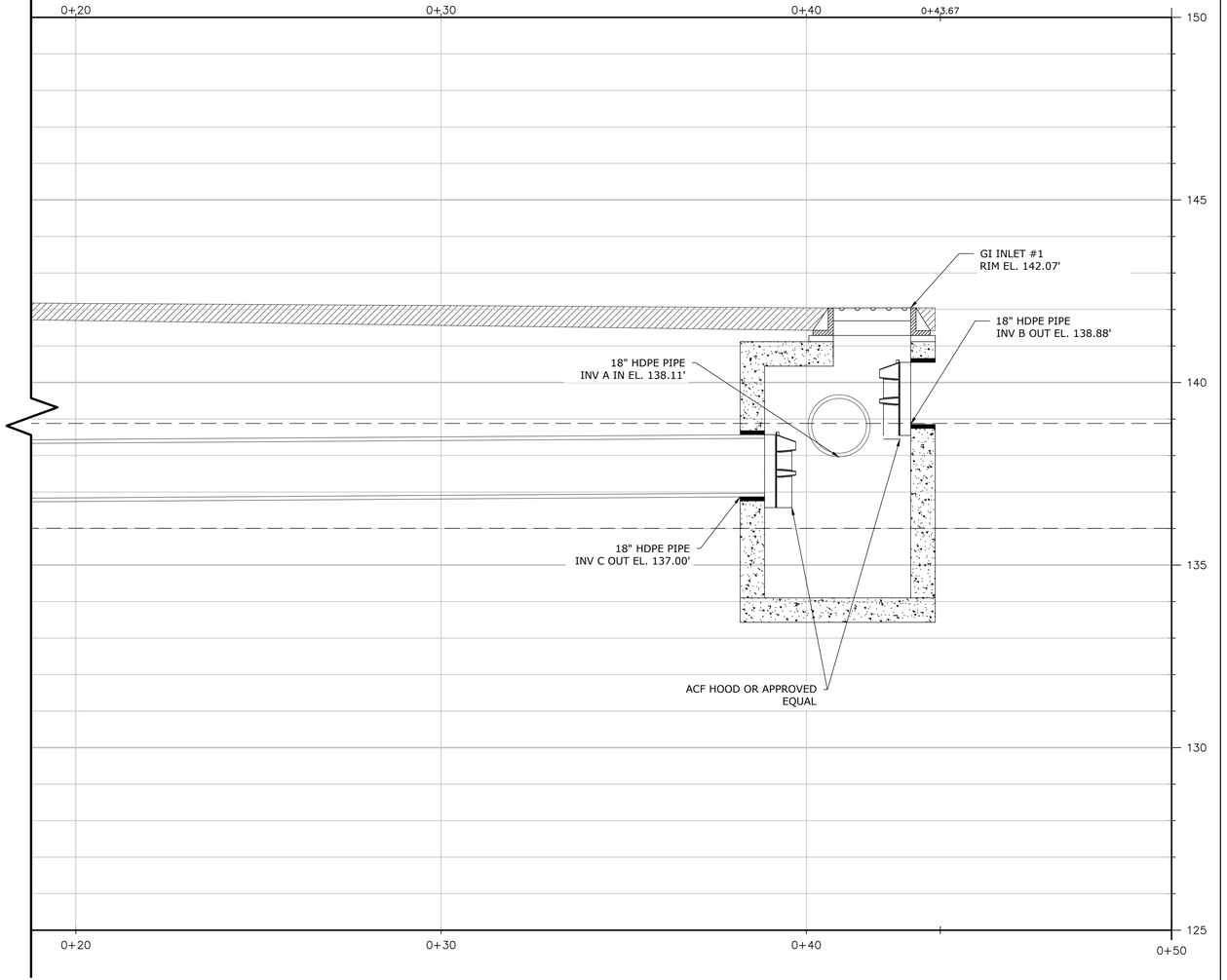
PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
SECTIONS & PROFILES - 1

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT
	1" = 2'	C300	NO. GI-CONS-8
	DATE NOV 2026		SHEET No. 21 OF 34 SHEETS





PROFILE 2: MANHOLE #1 CONNECTION TO GI INLET #1

Scale: 1" = 2'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

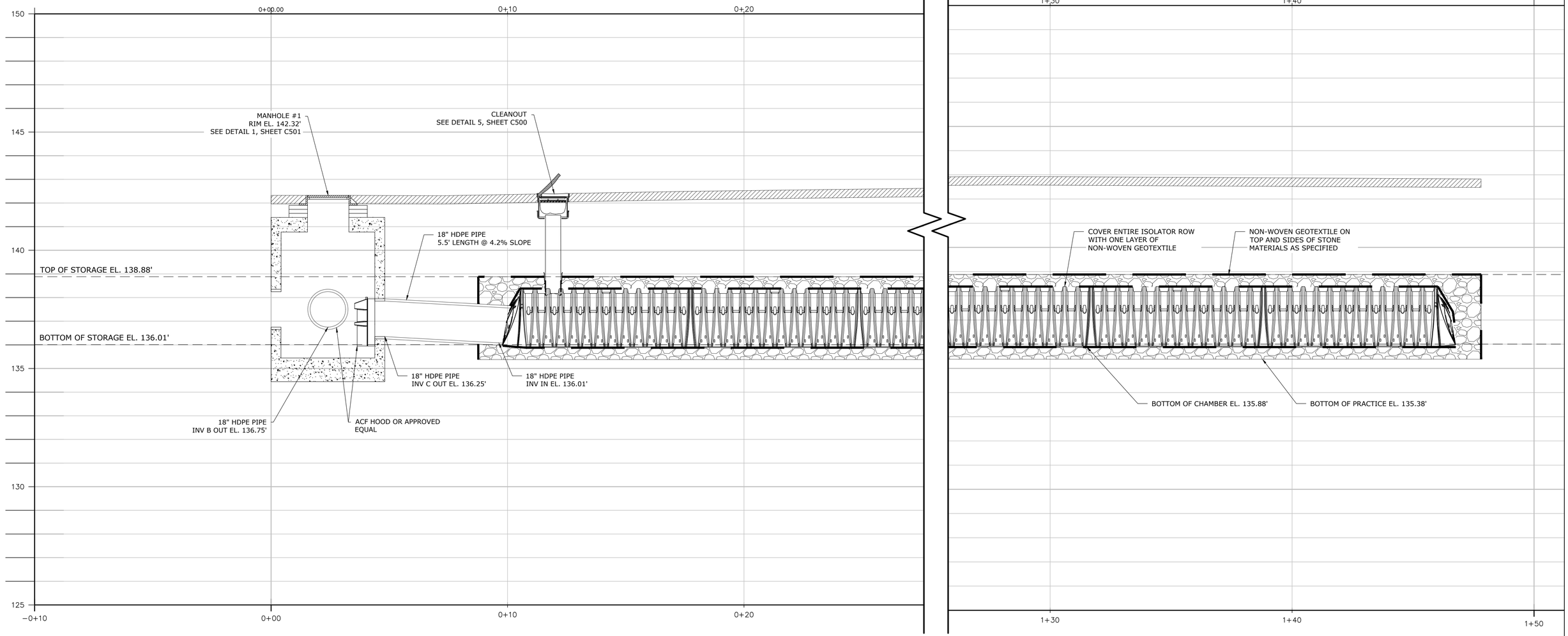
BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
SECTIONS & PROFILES - 2

DESIGNED BY	DRAWN BY		CHECKED BY
SC/SM/AK	SC/SM/AK		WS
B-SCAN	SCALE 1" = 2'	DRAWING NO. C301	CONTRACT NO. GI-CONS-8
	DATE NOV 2026		SHEET No. 22 OF 34 SHEETS



PROFILE 3: MANHOLE #1 CONNECTION TO ISOLATOR ROW
Scale: 1" = 2'

Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

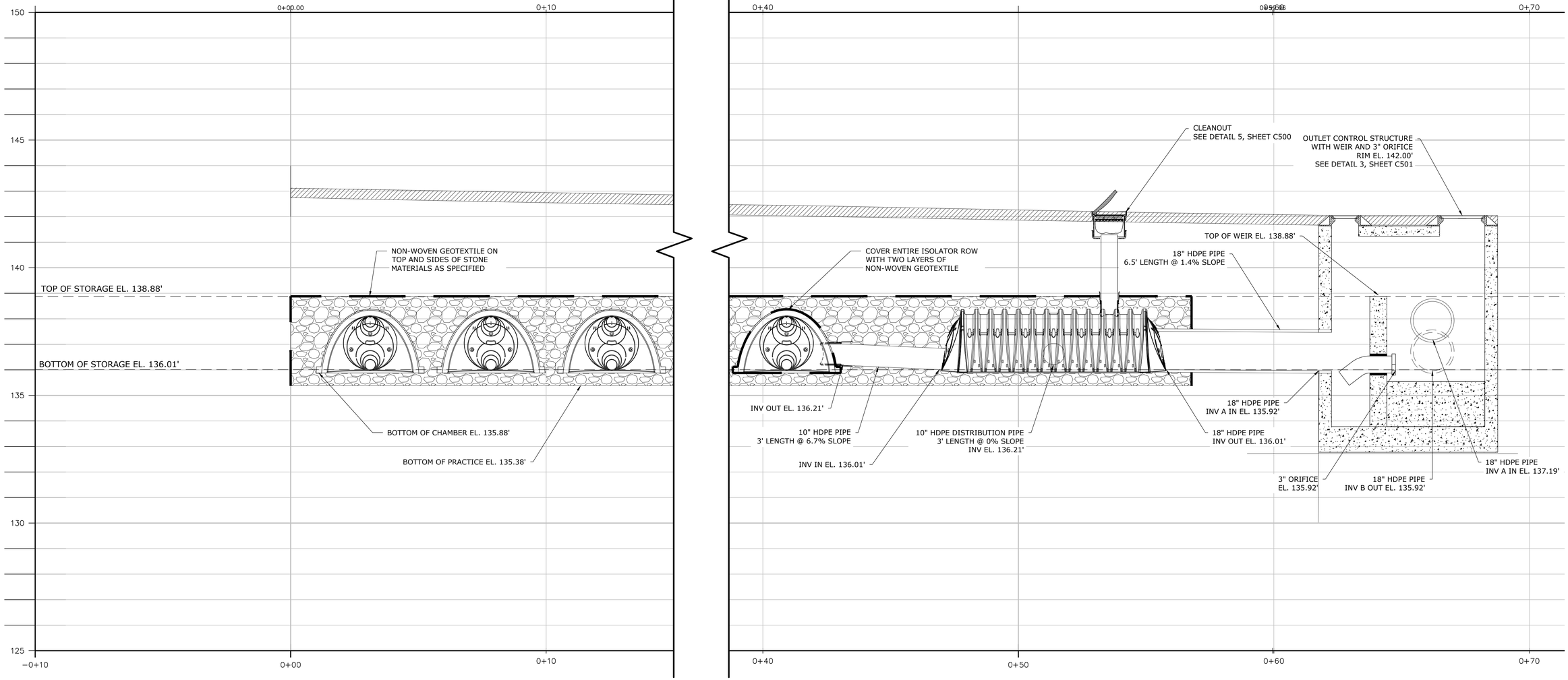
BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
SECTIONS & PROFILES - 3

DESIGNED BY	DRAWN BY		CHECKED BY
SC/SM/AK	SC/SM/AK		WS
B-SCAN	SCALE 1" = 2'	DRAWING NO. C302	CONTRACT NO. GI-CONS-8
	DATE NOV 2026		SHEET No. 23 OF 34 SHEETS



PROFILE 4: CHAMBER CONNECTION TO OCS
Scale: 1" = 2'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

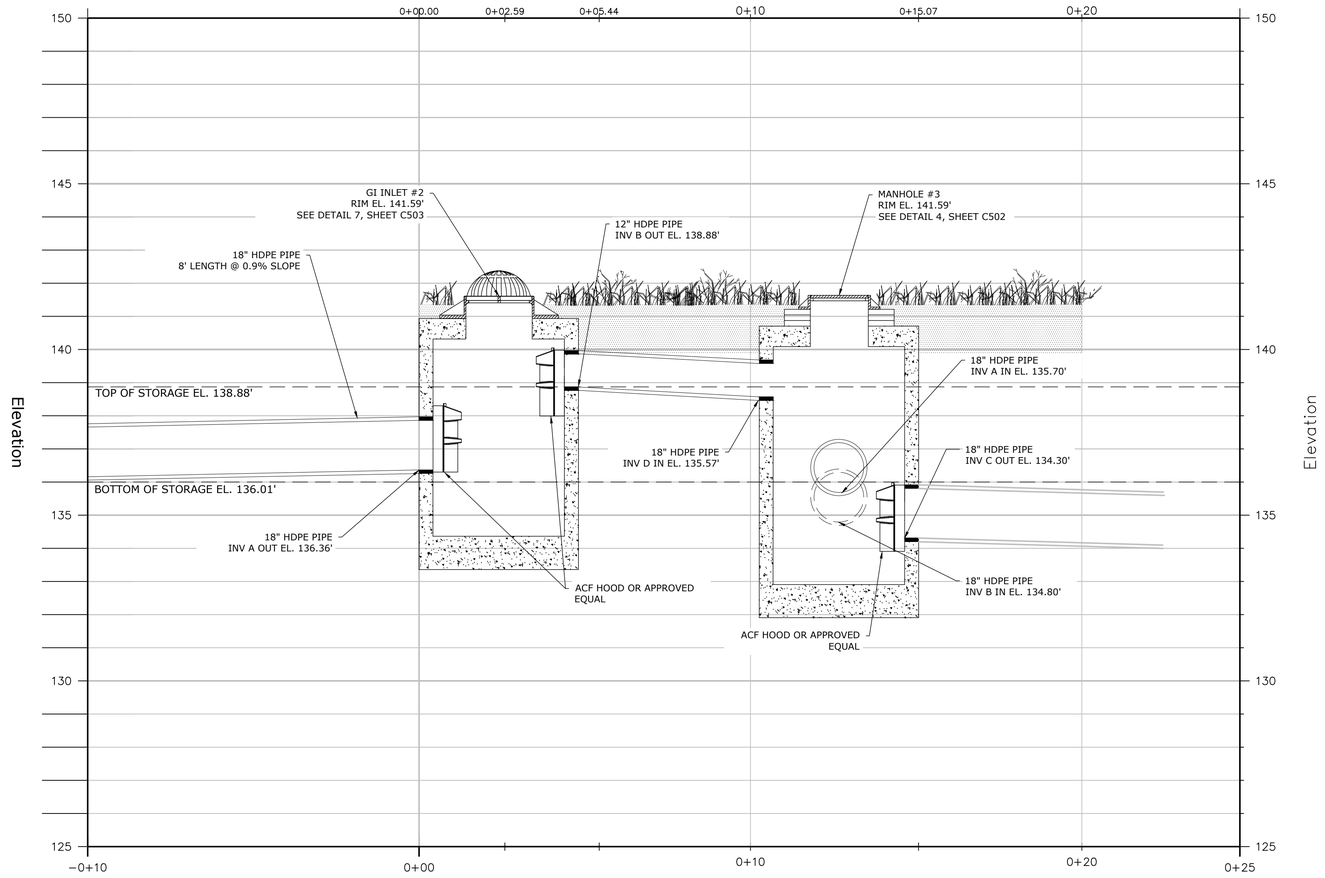
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
SECTIONS & PROFILES - 4

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 2'	C303	GI-CONS-8
	DATE NOV 2026		SHEET No. 24 OF 34 SHEETS



PROFILE 5: GI INLET #2 TO MANHOLE #3
Scale: 1" = 2'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

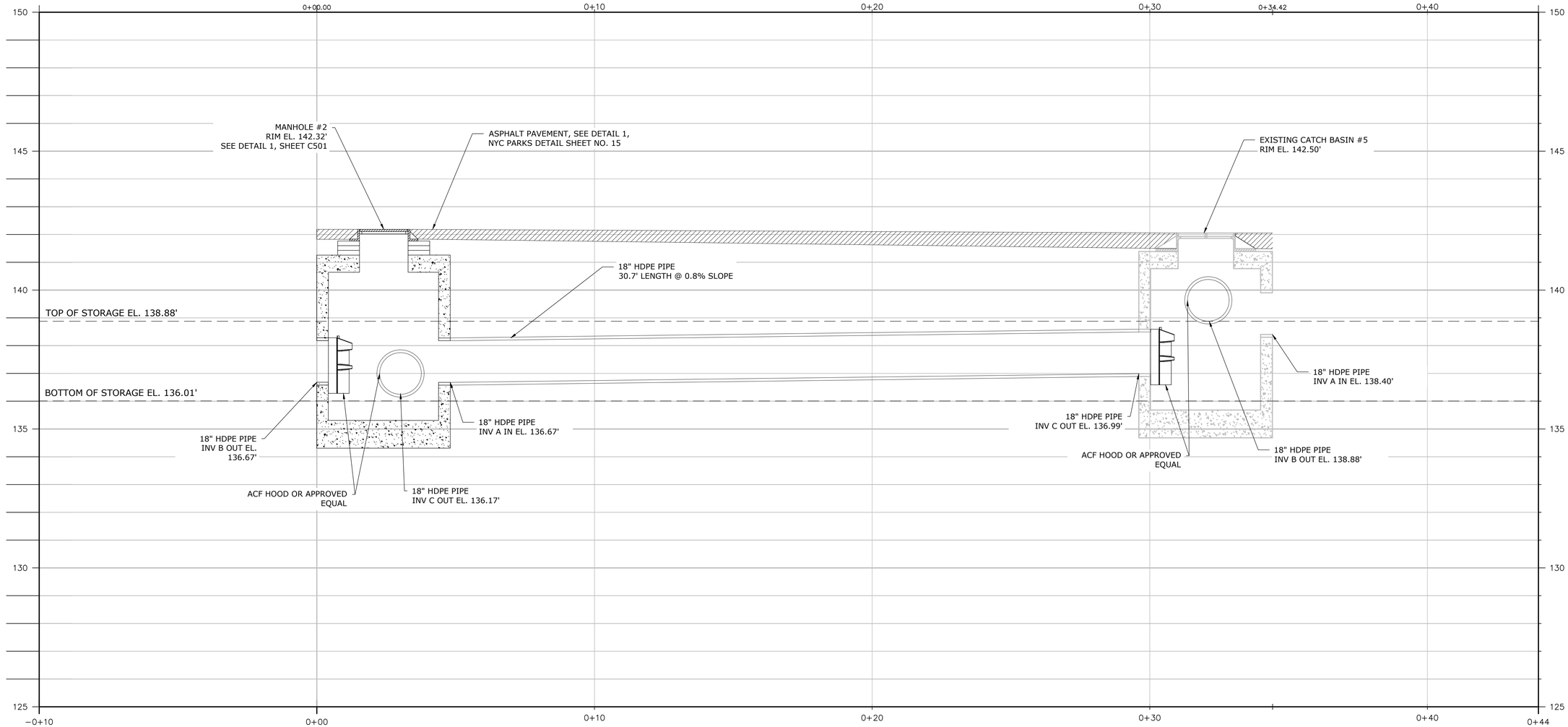
BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
SECTIONS & PROFILES - 5

DESIGNED BY	DRAWN BY		CHECKED BY
SC/SM/AK	SC/SM/AK		WS
B-SCAN	SCALE 1" = 2'	DRAWING NO. C304	CONTRACT NO. GI-CONS-8
	DATE NOV 2026		SHEET No. 25 OF 34 SHEETS



PROFILE 6: EXISTING CATCH BASIN #5 CONNECTION TO MANHOLE #2

Scale: 1" = 2'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

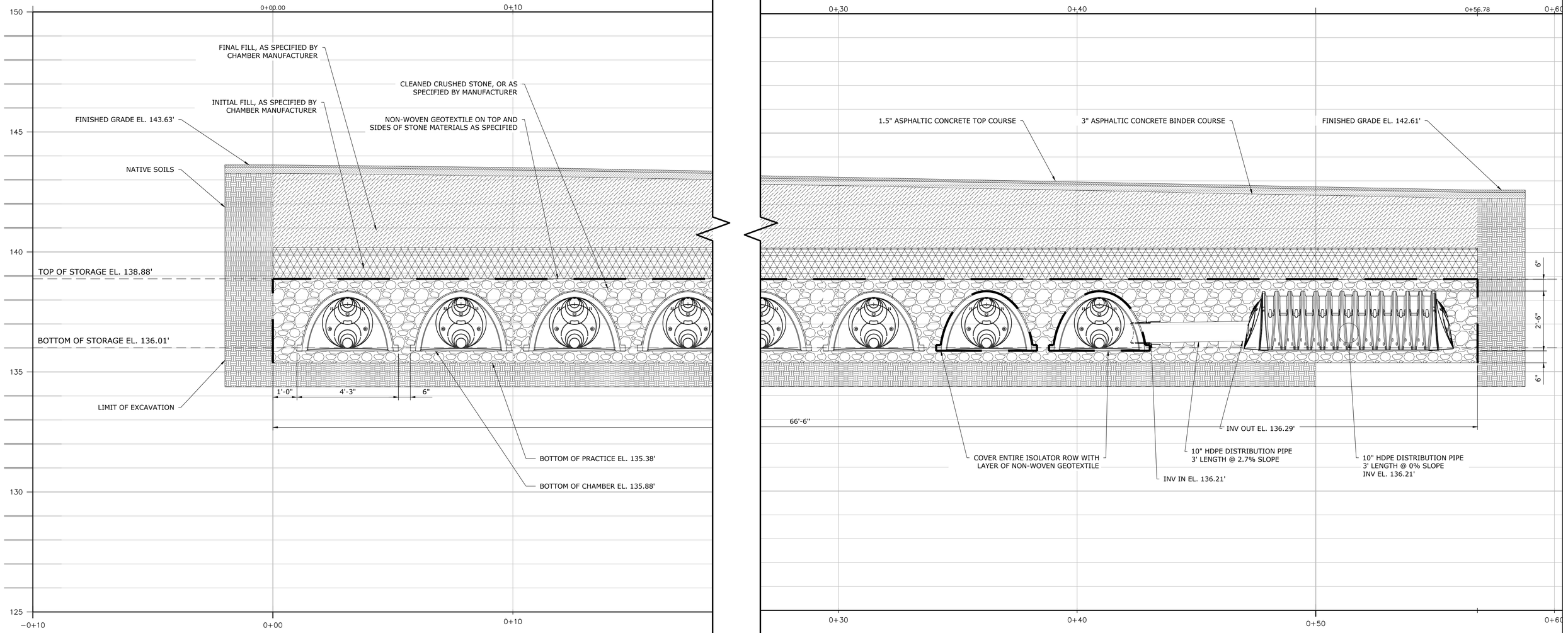
BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
SECTIONS & PROFILES - 6

DESIGNED BY	DRAWN BY		CHECKED BY
SC/SM/AK	SC/SM/AK		WS
B-SCAN	SCALE 1" = 2'	DRAWING NO. C305	CONTRACT NO. GI-CONS-8
	DATE NOV 2026		SHEET No. 26 OF 34 SHEETS



CROSS SECTION A-A
Scale: 1" = 2'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

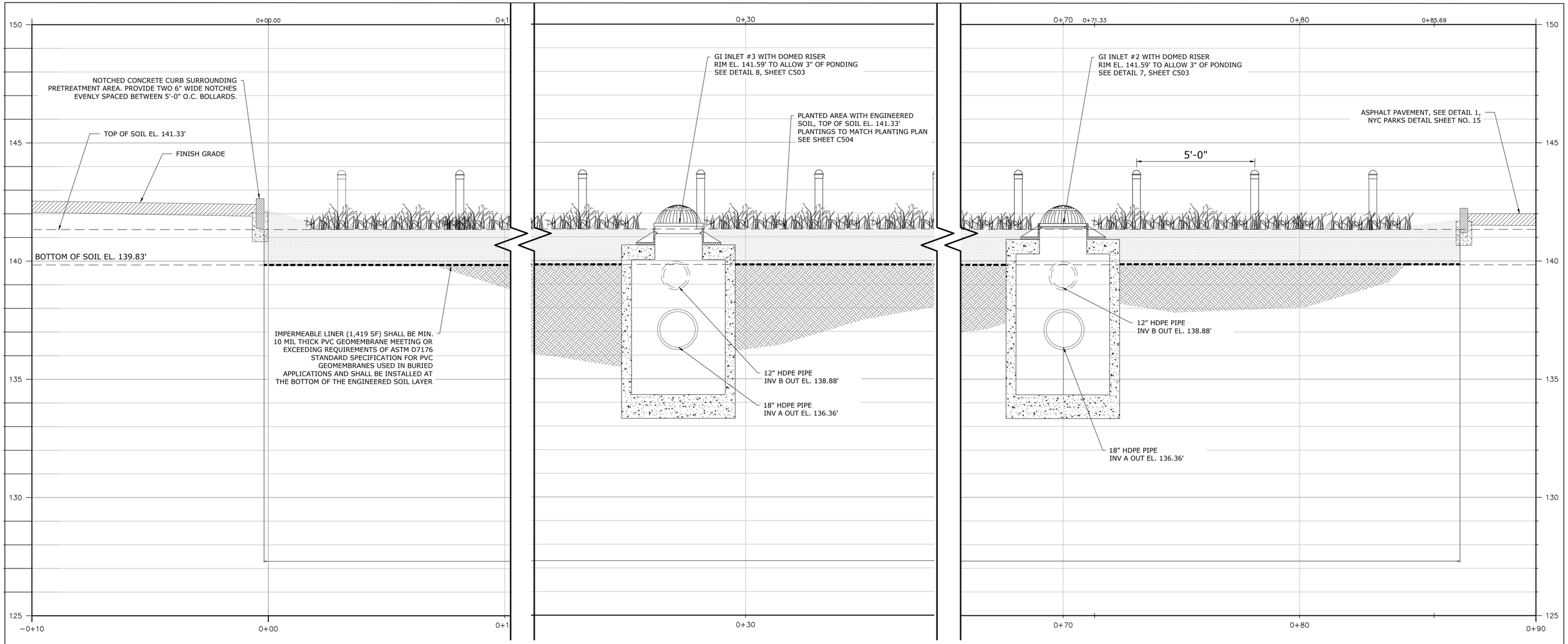
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
SECTIONS & PROFILES - 7

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT
	1" = 2'	C306	NO. GI-CONS-8
	DATE NOV 2026		SHEET No. 27 OF 34 SHEETS



CROSS SECTION B-B
Scale: 1" = 2'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

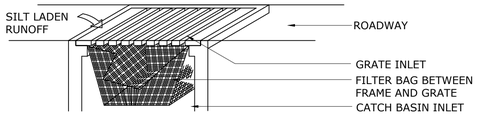
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
SECTIONS & PROFILES - 8

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

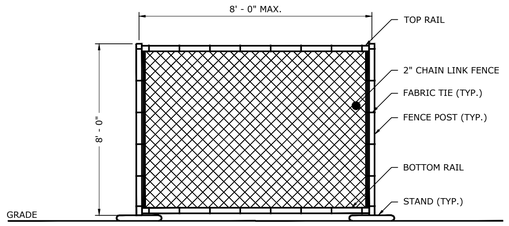
B-SCAN	SCALE	DRAWING NO.	CONTRACT
	1" = 2'	C307	NO. GI-CONS-8
	DATE NOV 2026		SHEET No. 28 OF 34 SHEETS



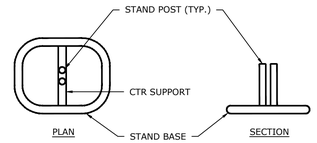
NOTE:
1. IN PAVED AREAS, USE FILTER BAG FOR INLET PROTECTION (NO MESH, BOX STONE REQUIRED).
2. FILTER BAG SHALL BE MANUFACTURED FROM A WOVEN POLYPROPYLENE GEOTEXTILE AND SEWN BY A DOUBLE NEEDLE MACHINE USING A HIGH STRENGTH NYLON THREAD.
3. BAG SHALL BE SILTSACK® BY ACF ENVIRONMENTAL, OR EQUAL, AS APPROVED BY THE ENGINEER.

MAINTENANCE REQUIREMENTS:
1. INSPECT GRATE AND BAG ON A WEEKLY BASIS AND AFTER EACH RAINFALL EVENT PRODUCING ½ INCH OR MORE OR RAIN. ANY DEBRIS OR SEDIMENT VISIBLE SHALL BE REMOVED IMMEDIATELY.
2. DAMAGE TO THE BAG SHALL BE REPAIRED IMMEDIATELY.
3. WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE, THE BAG IS FULL AND SHOULD BE EMPTIED.
4. USE 1" DIAMETER REBAR TO SLIDE THROUGH THE LIFTING LOOPS/POCKETS ON EACH SIDE OF THE BAG TO FACILITATE LIFTING.
5. REMOVE SEDIMENT FROM BAG AND DISPOSE OF OFF-SITE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.

1 INLET PROTECTION
SCALE:NTS



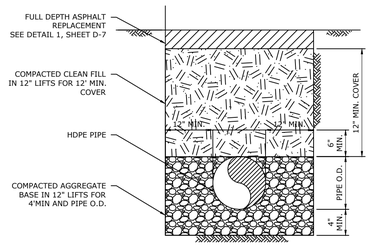
SECTION



STAND DETAIL

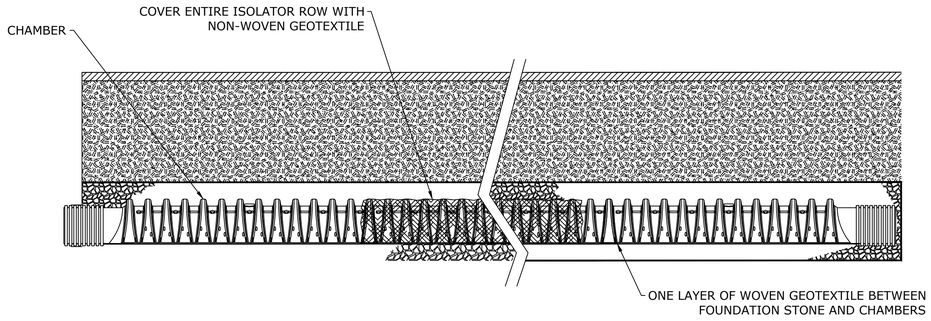
NOTES:
1. CONTRACTOR SHALL PROVIDE, AT A MINIMUM, TEMPORARY FENCE WITH DIMENSIONS AND APPURTENANCES AS SHOWN.
2. ALL OTHER DIMENSIONS, MATERIAL SIZES, MATERIAL TYPES, ACCESSORIES, ETC PER MANUFACTURER.
3. TEMPORARY FENCE SHALL REMAIN IN PLACE UNTIL CONCLUSION OF CONSTRUCTION.
4. SAND BAGS SHALL BE USED FOR POST SUPPORT IN ACCORDANCE WITH SPECIFICATIONS.

2 TEMPORARY CONSTRUCTION FENCE
SCALE:NTS



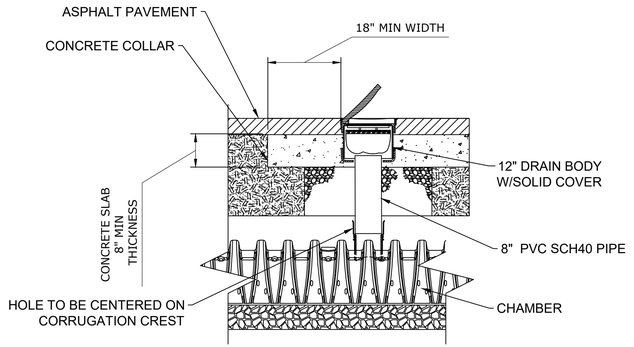
NOTE:
1. TRENCHING WITHIN EXISTING ASPHALT PAVEMENT REQUIRES FULL DEPTH ASPHALT PAVEMENT REPLACEMENT AND RESTORATION

3 TRENCH RESTORATION
SCALE:NTS



NOTE:
1. CONTRACTOR SHALL COORDINATE WITH CHAMBER MANUFACTURER FOR DETAILS ON ISOLATOR ROW.

4 ISOLATOR ROW
SCALE:NTS



NOTE:
1. CONTRACTOR SHALL COORDINATE WITH CHAMBER MANUFACTURER FOR DETAILS ON INSPECTION PORT/CLEAN OUT.

5 INSPECTION PORT
SCALE:NTS

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

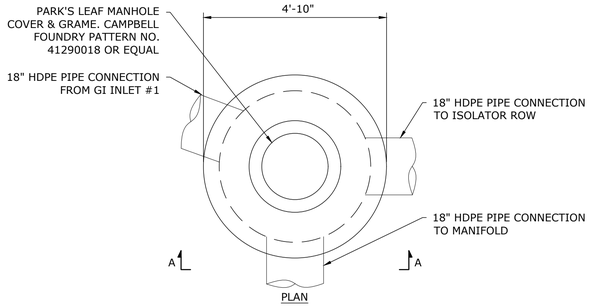
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

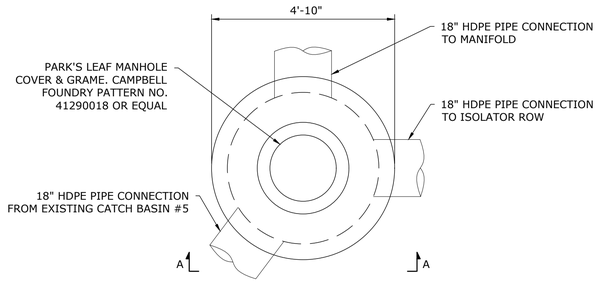
DRAWING TITLE
DETAILS - 1

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

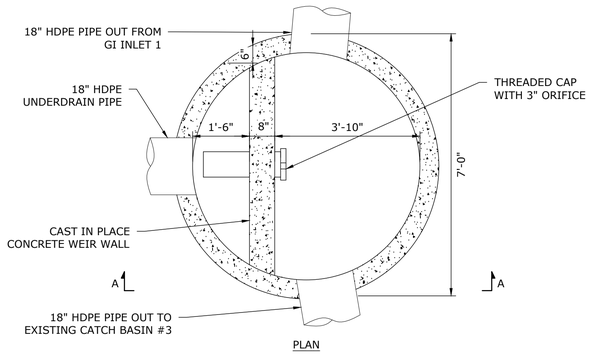
B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
		C500	GI-CONS-8
	DATE NOV 2026		SHEET No. 29 OF 34 SHEETS



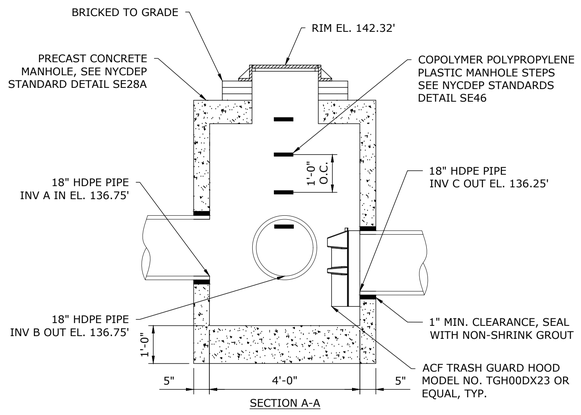
PLAN



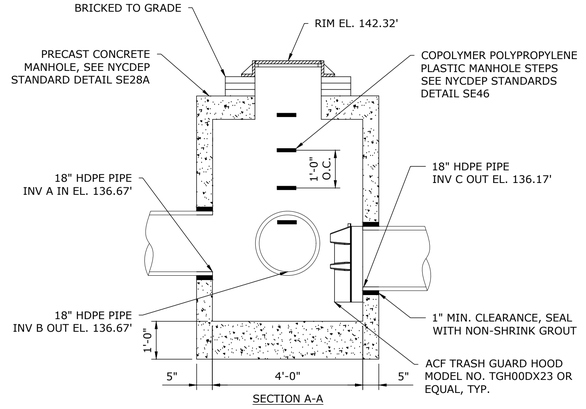
PLAN



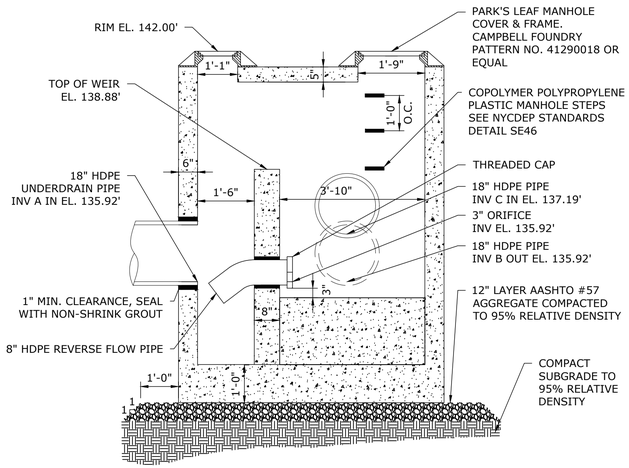
PLAN



SECTION A-A



SECTION A-A



SECTION A-A

1 MANHOLE #1
SCALE: 1" = 2'

2 MANHOLE #2
SCALE: 1" = 2'

3 OUTLET CONTROL STRUCTURE
SCALE: 1" = 2'

Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

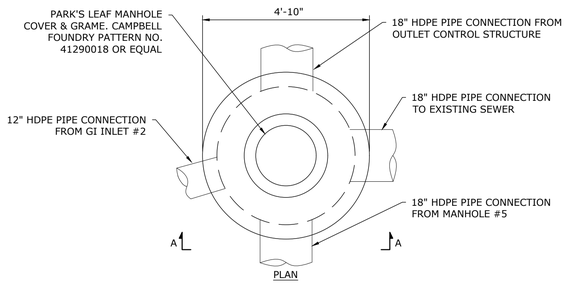
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

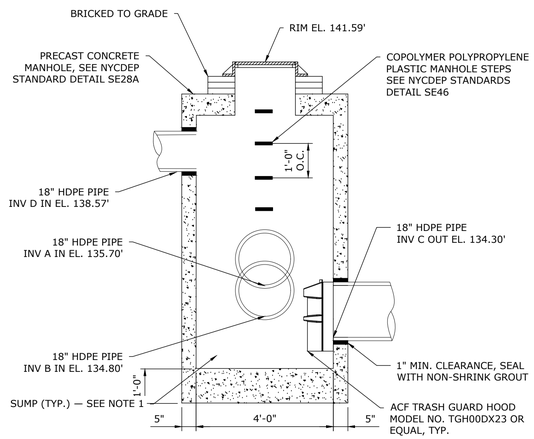
DRAWING TITLE
DETAILS - 2

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 2'	C501	GI-CONS-8
	DATE NOV 2026		SHEET No. 30 OF 34 SHEETS

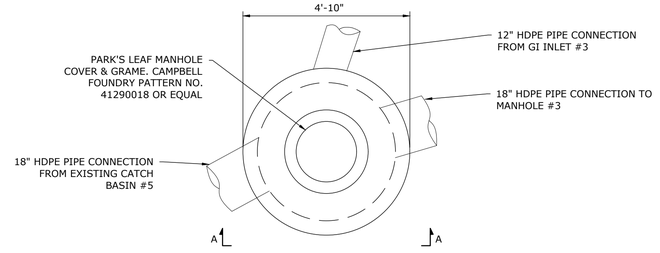


PLAN

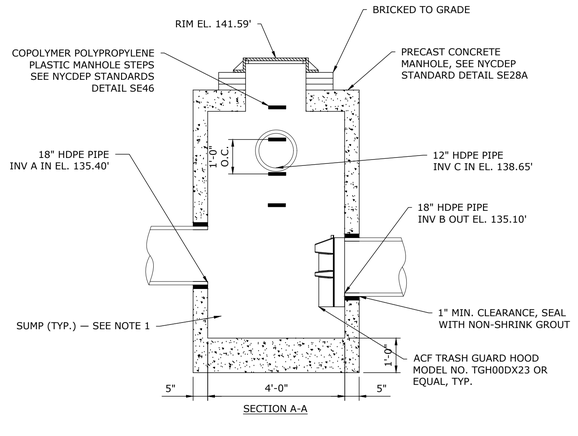


SECTION A-A

4 MANHOLE #3
SCALE: 1" = 2'



PLAN



SECTION A-A

5 MANHOLE #4
SCALE: 1" = 2'

NOTE:
1. ALL MANHOLES AND INLETS SHALL HAVE A MINIMUM SUMP DEPTH OF 2 FT BELOW THE LOWEST INVERT.

Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

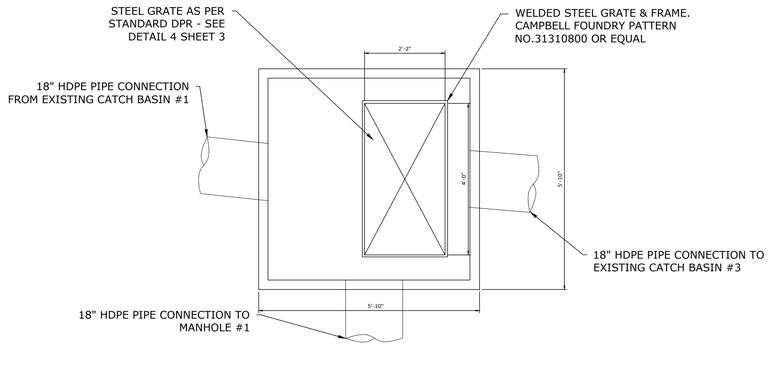
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

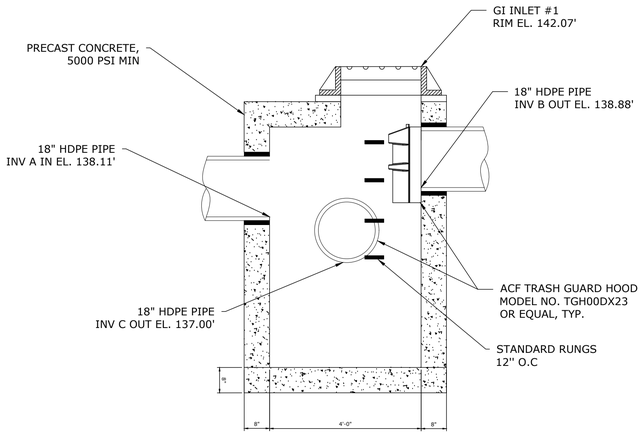
DRAWING TITLE
DETAILS - 3

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 2'	C502	GI-CONS-8
	DATE NOV 2026		SHEET No. 31 OF 34 SHEETS

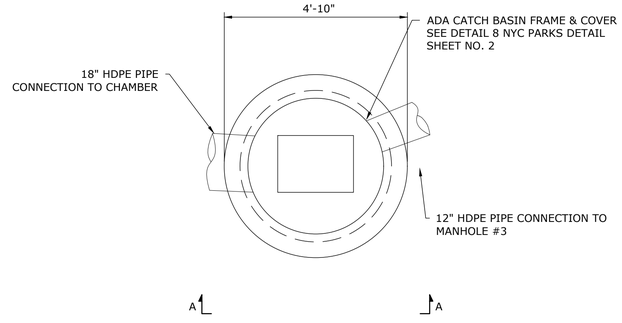


PLAN

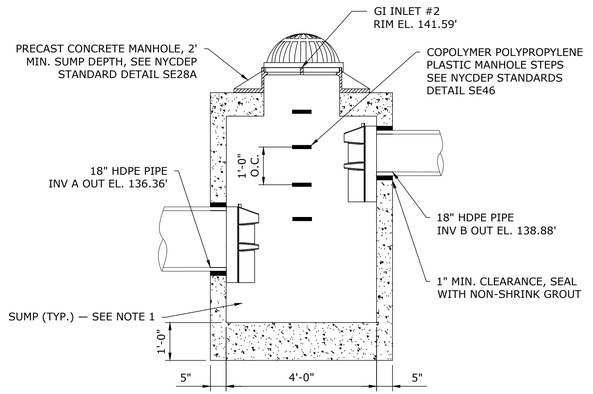


SECTION A-A

6 GI INLET #1
SCALE: 1" = 2'

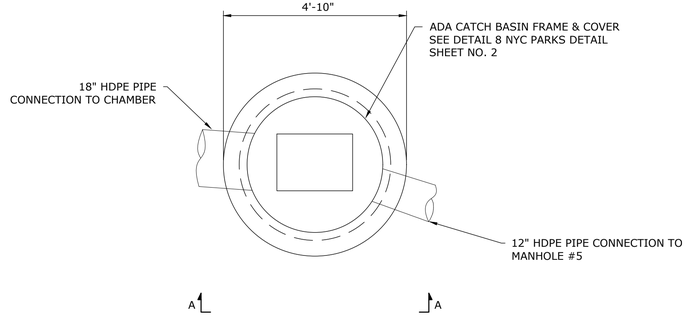


PLAN

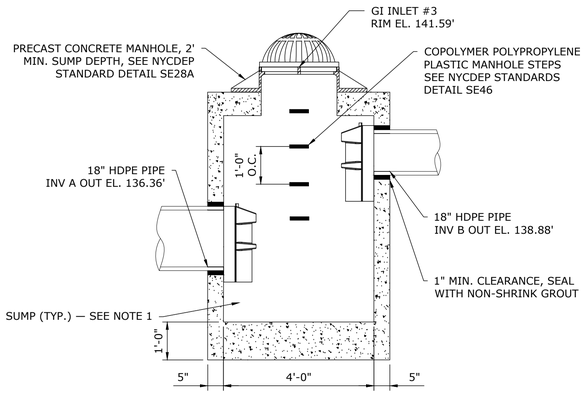


SECTION A-A

7 GI INLET #2
SCALE: 1" = 2'



PLAN



SECTION A-A

8 GI INLET #3
SCALE: 1" = 2'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

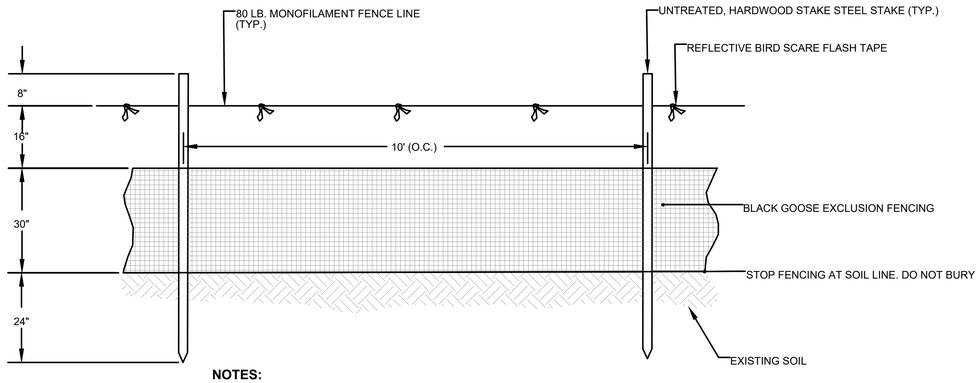
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
DETAILS - 4

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

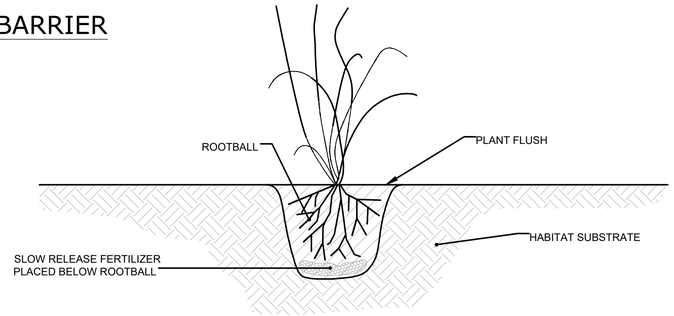
B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 2'	C503	GI-CONS-8
	DATE NOV 2026		SHEET No. 32 OF 34 SHEETS



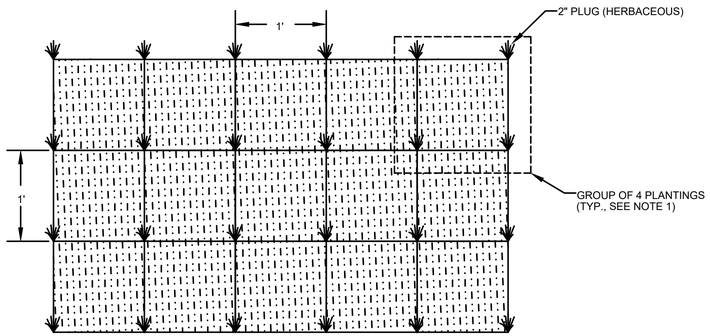
NOTES:

1. USE TWO HALF HITCHES TO FASTEN TAPE.
2. STAKES SHALL BE 2" X 2" X 6' STAKES OF POINTED TIPPED, UNTREATED FSC-CERTIFIED HARDWOOD TIMBER, OR EQUAL.
3. MONOFILAMENT FENCE LINE SHALL BE WHITE OR OTHER ACCEPTABLE COLOR. FENCE LINE SHALL NOT BE CLEAR.
4. GOOSE FENCING SHALL HAVE GRID SIZE OF 0.75" TO 1", OR APPROVED EQUAL.

9 WATERFOWL EXCLUSION BARRIER
SCALE: NTS



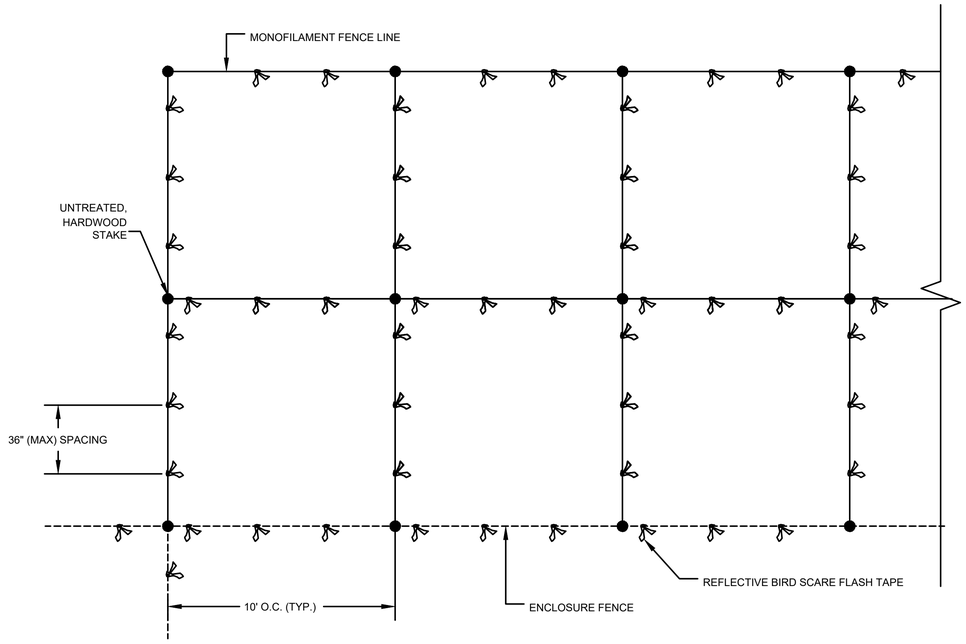
11 HERBACEOUS SEEDLING DETAIL
SCALE: NTS



NOTES:

1. SPECIFIED PLANTINGS (2" PLUGS) SHALL BE PLANTED BY SPECIES IN GROUPS OF 4 (MINIMUM).

12 TYPICAL PLANTING DETAIL
SCALE: NTS



10 WATERFOWL EXCLUSION BARRIER PLAN
SCALE: NTS

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR ACQUISITION OF ALL NECESSARY PLANT MATERIAL. ALL MATERIAL WILL BE REGIONALLY SOURCED (I.E. WITHIN 250 MILES OF SITE), AND REQUIRE APPROVAL UPON SUBMITTAL.
2. CONTRACTOR RESPONSIBLE FOR COORDINATION WITH ENGINEER AND PARKS FOR APPROPRIATE SALINITY ACCLIMATION CONSISTENT WITH EXISTING SITE CONDITIONS PRIOR TO DELIVERY TO SITE.
3. THE CONTRACTOR WILL PROVIDE ALL PLANTS OF QUANTITY, SIZE, GENUS, AND SPECIES AS PROVIDED ON PLANTING SPECIFICATION TABLES. THE CONTRACTOR WILL PROVIDE HEALTHY, VIGOROUS STOCK FROM A RECOGNIZED REGIONAL NURSERY. ALL PLANTS SHALL BE FREE FROM DISEASE AND INFESTATION. THE CONTRACTING ENGINEER RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL THAT IS DEEMED TO BE INFERIOR QUALITY OR IS DAMAGED. ANY REQUIRED SUBSTITUTIONS BASED ON AVAILABILITY OF NATIVE PLANT NURSERIES WILL REQUIRE APPROVAL FROM CONTRACTING ENGINEER.
4. INSTALL CONTAINERIZED PLANTS BETWEEN MARCH 15 TO JUNE 1, UNLESS OTHERWISE AUTHORIZED BY CONTRACTING ENGINEER.
5. ALL PLANTINGS WILL BE PROTECTED WITH WATERFOWL EXCLUSION BARRIER PLAN CONSISTENT WITH DETAILS 8 & 9. THE CONTRACTOR WILL REVIEW THE SELECTED APPROACH AND SUBMIT CHANGES FOR APPROVAL.
6. PLANT MATERIAL TO BE PLANTED ON 1 FOOT ON CENTER SPACING, CONSISTENT WITH DETAIL 11.
7. PLANT MATERIALS SHALL BE AMENDED WITH FERTILIZER AND WATER ABSORBING POLYMERS (TERRA SORB OR SIMILAR).
8. ALL PLANTS TO BE WATERED WITHIN 24 HOURS OF PLANTING.

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
DETAILS - 5

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN

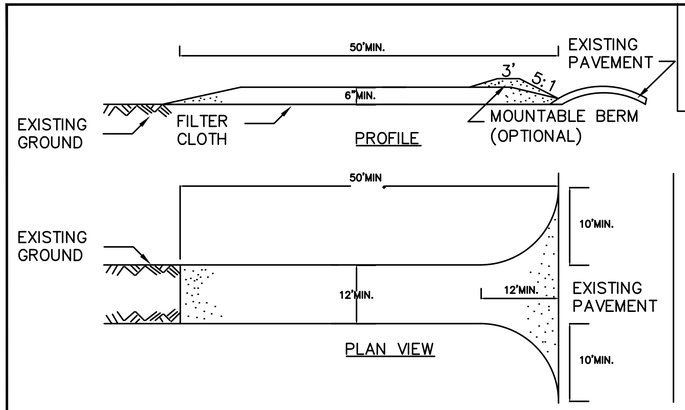
SCALE: 1" = 2'

DRAWING NO.: C504

DATE: NOV 2026

CONTRACT NO. GI-CONS-8

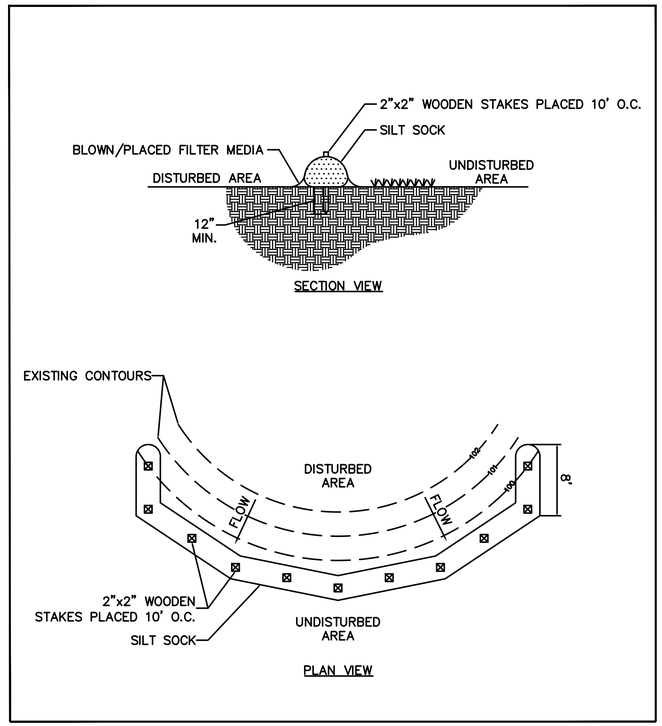
SHEET No. 33 OF 34 SHEETS



SYMBOL

CONSTRUCTION SPECIFICATIONS

1. STONE SIZE – USE 1–4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY–FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CON–STRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS–OF–WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS–OF–WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



1. SOCK FABRIC SHALL MEET STANDARDS OF TABLE 5.1. COMPOST SHALL MEET THE STANDARDS LISTED ON OF TABLE 5.2.
2. COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT (FIGURE 5.2). MAXIMUM SLOPE LENGTH ABOVE ANY SOCK SHALL NOT EXCEED THAT SHOWN ON FIGURE X.X. STAKES MAY BE INSTALLED IMMEDIATELY DOWNSLOPE OF THE SOCK IF SO SPECIFIED BY THE MANUFACTURER.
3. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
4. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES HALF THE ABOVEGROUND HEIGHT OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
5. SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
6. BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
7. UPON STABILIZATION OF THE AREA TRIBUTART TO THE SOCKS, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3866

LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - BANDSHELL PARKING LOT
LOCATED ON FOREST PARK DRIVE & WOODHAVEN BOULEVARD, QUEENS, 11421

DRAWING TITLE
DETAILS-6

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM/AK	SC/SM/AK	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
		C505	

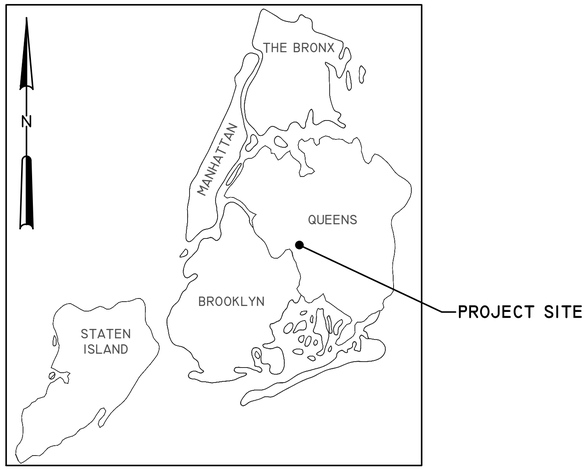
DATE
NOV 2026

SHEET No. 34 OF 34 SHEETS

NEW YORK CITY ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL PLANNING & ANALYSIS

Environmental Protection

NYC Parks



ON-SITE GREEN INFRASTRUCTURE
JAM CSO TRIBUTARY AREA
OUTFALL JAM-003

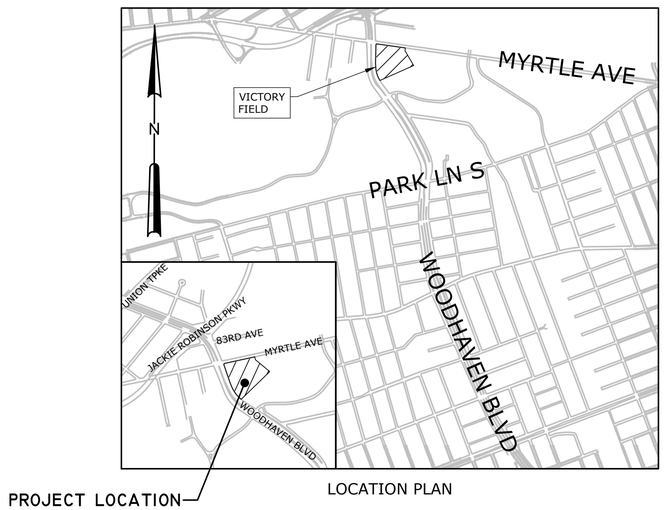
DEP CAPITAL CONTRACT NO. GI-CONS-8

Q015 FOREST PARK - VICTORY FIELD
BBL #4039070900
BID SET

QUEENS, NY

NOVEMBER 2026

SHEET LIST	
Sheet Number	Sheet Title
G001	COVER SHEET
G002	GENERAL NOTES
G003	LEGEND AND ABBREVIATIONS
S001	TOPOGRAPHIC SURVEY - 1
S002	TOPOGRAPHIC SURVEY - 2
S003	TOPOGRAPHIC SURVEY - 3
S004	TOPOGRAPHIC SURVEY - 4
S005	TOPOGRAPHIC SURVEY - 5
S006	TOPOGRAPHIC SURVEY - 6
S007	TOPOGRAPHIC SURVEY - 7
S008	TOPOGRAPHIC SURVEY - 8
S009	TOPOGRAPHIC SURVEY - 9
S010	TOPOGRAPHIC SURVEY - 10
S011	TOPOGRAPHIC SURVEY - 11
B100	BORING PLAN
B101	BORING LOGS
C100	TREE PROTECTION, STAGING, AND ACCESS PLAN - 1
C101	TREE PROTECTION, STAGING, AND ACCESS PLAN - 2
C102	TREE PROTECTION SCHEDULE - 1
C103	TREE PROTECTION SCHEDULE - 2
C104	TREE PROTECTION SCHEDULE - 3
C105	REMOVAL AND DEMOLITION PLAN - 1
C106	REMOVAL AND DEMOLITION PLAN - 2
C107	EROSION AND SEDIMENT CONTROL PLAN
C200	PROPOSED GREEN INFRASTRUCTURE LAYOUT PLAN - 1
C201	PROPOSED GREEN INFRASTRUCTURE LAYOUT PLAN - 2
C202	MATERIALS PLAN
C300	SECTIONS & PROFILES - 1
C301	SECTIONS & PROFILES - 2
C302	SECTIONS & PROFILES - 3
C303	SECTIONS & PROFILES - 4
C500	DETAILS - 1
C501	DETAILS - 2
C502	DETAILS - 3
C503	DETAILS - 4



LOCATION PLAN

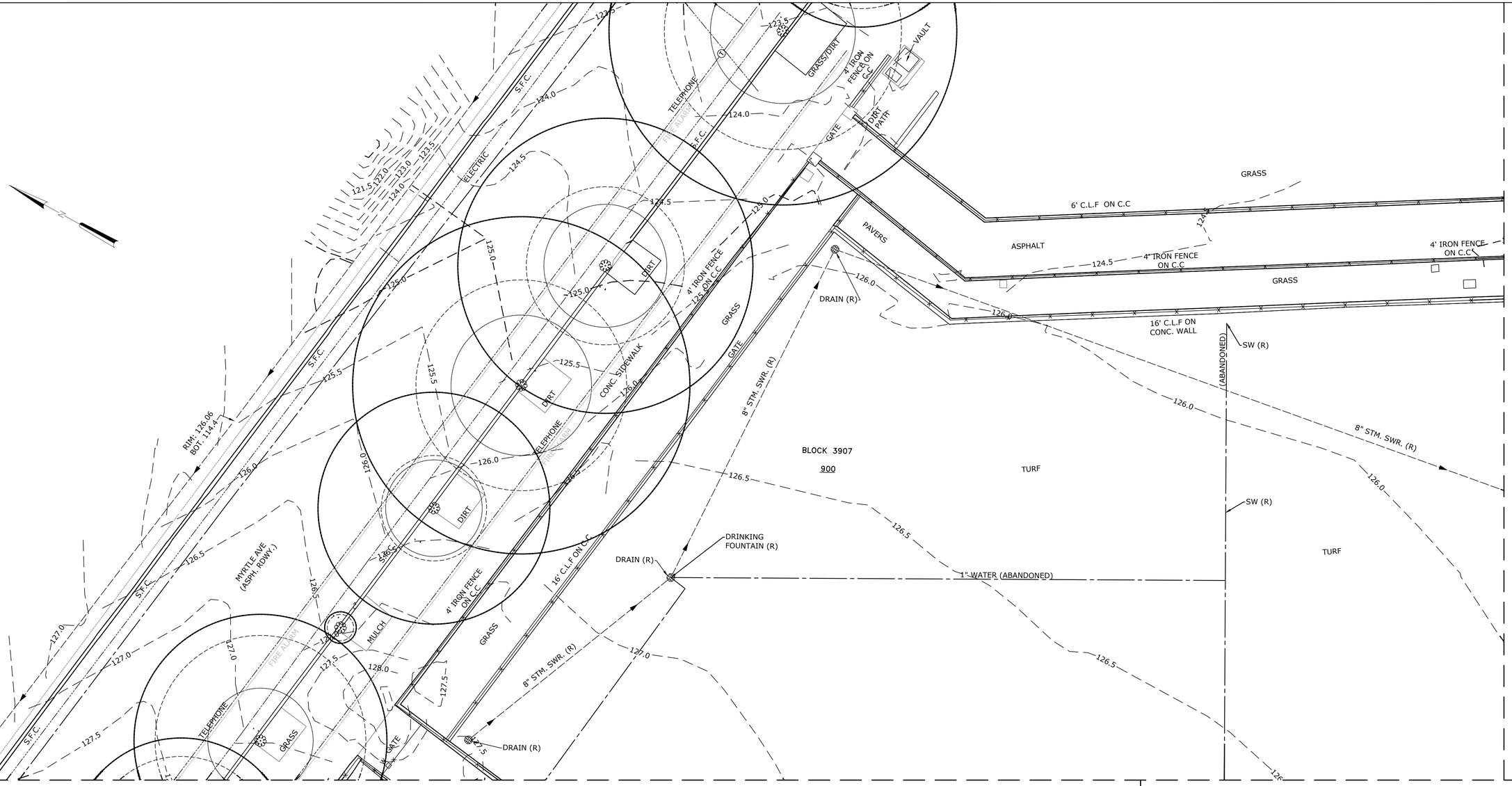
John McLaughlin — Digitally signed by John McLaughlin, Date: 2026.11.02 16:14:00 -05'00'

JOHN MCLAUGHLIN
MANAGING DIRECTOR
OFFICE OF ECOSYSTEM SERVICES, GREEN INFRASTRUCTURE AND RESEARCH
BUREAU OF ENVIRONMENTAL PLANNING & ANALYSIS, NYCDEP

Lisa F. Garcia — Digitally signed by Lisa F. Garcia, Date: 2026.11.02 15:52:06 -05'00'

LISA F. GARCIA
COMMISSIONER
NYCDEP

File = G:\Projects\500\500003.1000 - GI-P4-3 Design\CAD\Final Bid Documents (Revised)\SHEETS\FOREST PARK - VICTORY FIELD\FOREST PARK - VICTORY FIELD1 - S1 = Saved Date = 10/14/2025 11:02 AM
PLOT DATE: 11/10/2025 7:45 AM BY: AADAMO793



5 0 5 10

SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3907

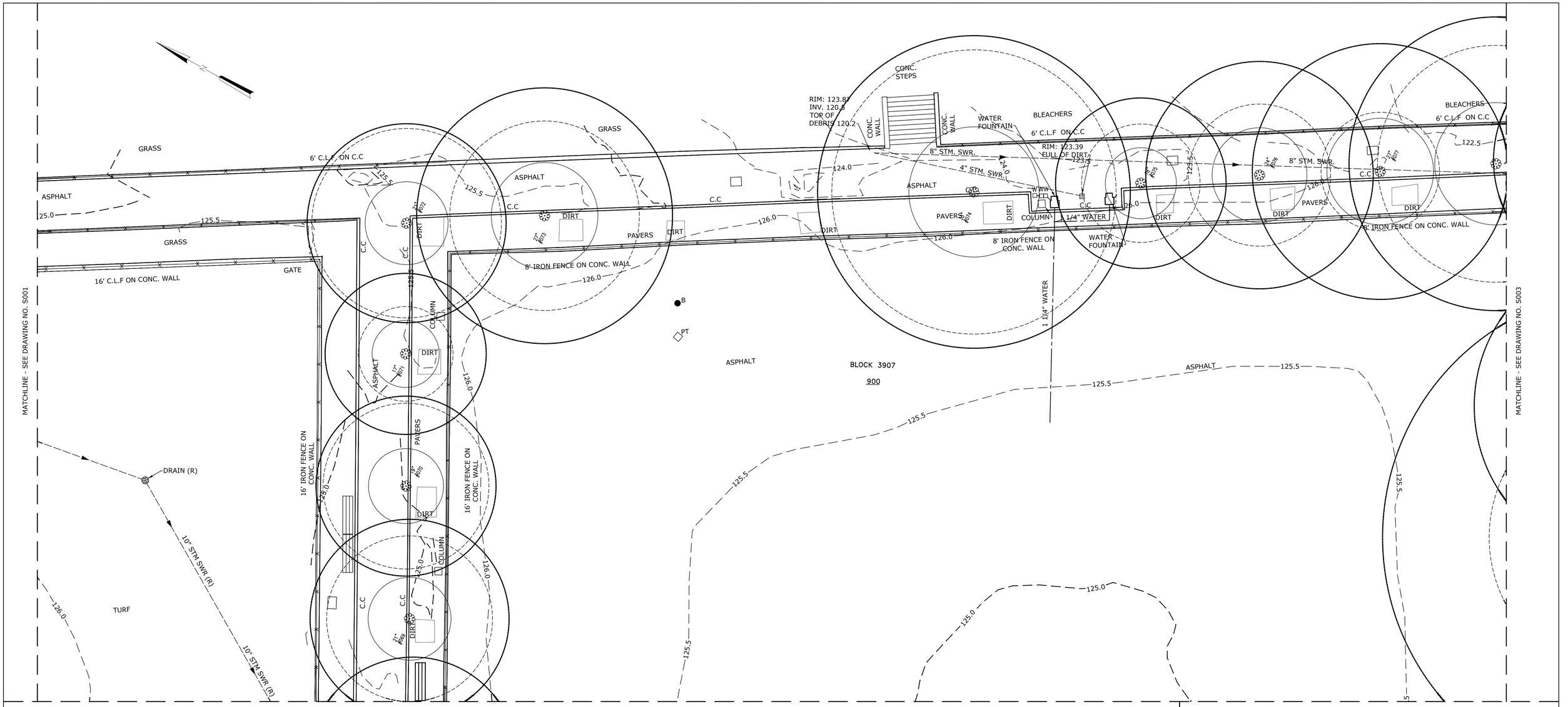
LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 1

DESIGNED BY	DRAWN BY	CHECKED BY
B. THAYER ASSOCIATES	B. THAYER ASSOCIATES	B. THAYER ASSOCIATES

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S001	----
	DATE: NOV 2026		SHEET No. 4 OF 35 SHEETS



NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 2

DESIGNED BY	DRAWN BY	CHECKED BY
B. THAYER ASSOCIATES	B. THAYER ASSOCIATES	B. THAYER ASSOCIATES

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S002	----
	DATE NOV 2026		SHEET No. 5 OF 35 SHEETS

MATCHLINE - SEE DRAWING NO. S002

MATCHLINE - SEE DRAWING NO. S004

5 0 5 10
SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 3

DESIGNED BY	DRAWN BY	CHECKED BY
B. THAYER ASSOCIATES	B. THAYER ASSOCIATES	B. THAYER ASSOCIATES

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S003	----
	DATE: NOV 2026		SHEET No. 6 OF 35 SHEETS

MATCHLINE - SEE DRAWING NO. S002

MATCHLINE - SEE DRAWING NO. S003

MATCHLINE - SEE DRAWING NO. S005

MATCHLINE - SEE DRAWING NO. S009

ASPHALT

BLOCK 3907

900

CONC. COURT

CONC. SIDEWALK

GRASS

DIRT

PAVERS

COLUMN

C.C.

16' IRON FENCE ON CONC. WALL

4' IRON FENCE ON C.C.

4' IRON FENCE ON CONC. WALL

8' IRON FENCE ON CONC. WALL

10" STM. SWR.

RIM: 122.29
INV. 119.8
WATER:117.8
BOT:116.2

FOREST PARK DR. (ASPH. RDWY.)

5 0 5 10

SCALE: 1" = 10'

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3907

LOT 900

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 4

DESIGNED BY	DRAWN BY	CHECKED BY
B. THAYER ASSOCIATES	B. THAYER ASSOCIATES	B. THAYER ASSOCIATES

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S004	----
	DATE NOV 2026		SHEET No. 7 OF 35 SHEETS

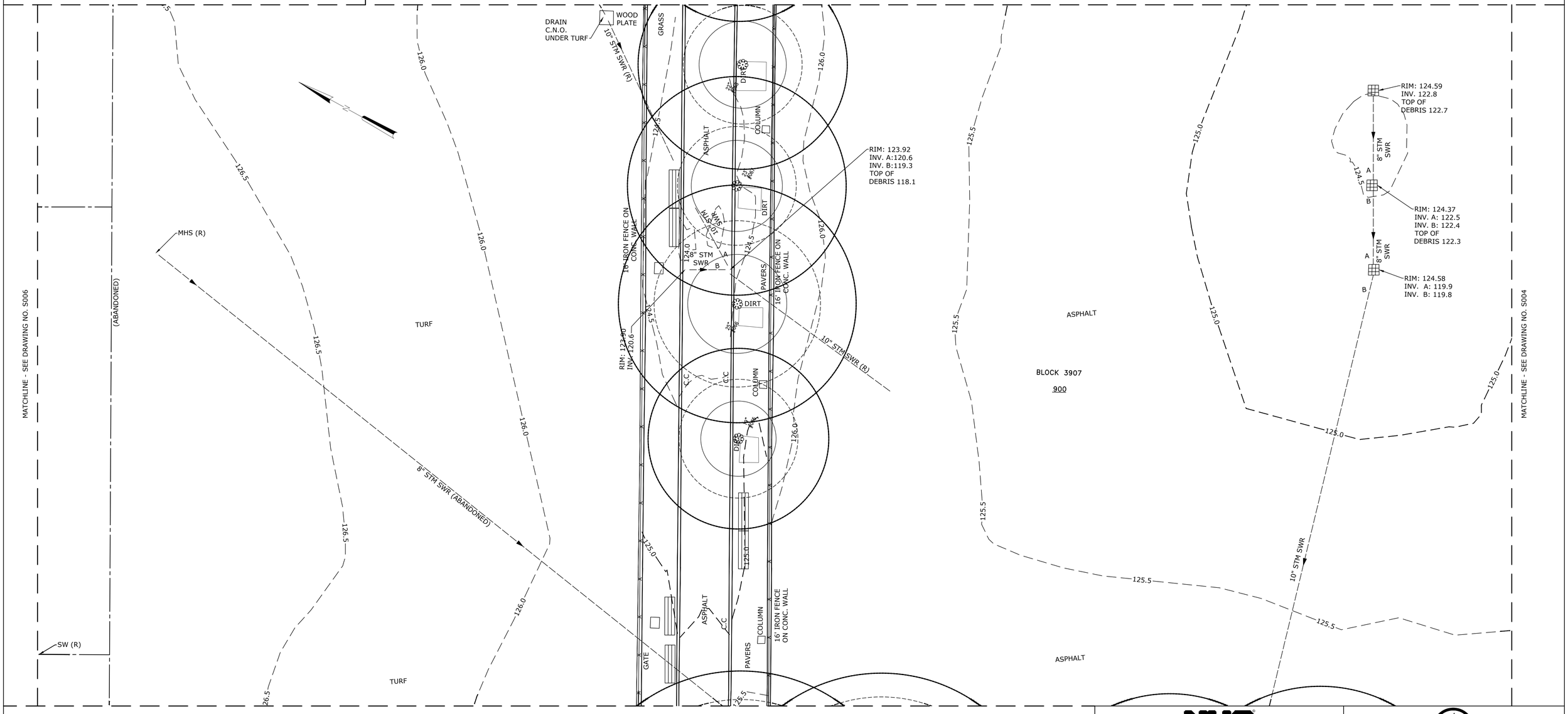
MATCHLINE - SEE DRAWING NO. S001

MATCHLINE - SEE DRAWING NO. S002

MATCHLINE - SEE DRAWING NO. S006

MATCHLINE - SEE DRAWING NO. S004

MATCHLINE - SEE DRAWING NO. S008



5 0 5 10

SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 5

DESIGNED BY	DRAWN BY	CHECKED BY
B. THAYER ASSOCIATES	B. THAYER ASSOCIATES	B. THAYER ASSOCIATES

B-SCAN

SCALE: 1" = 10'

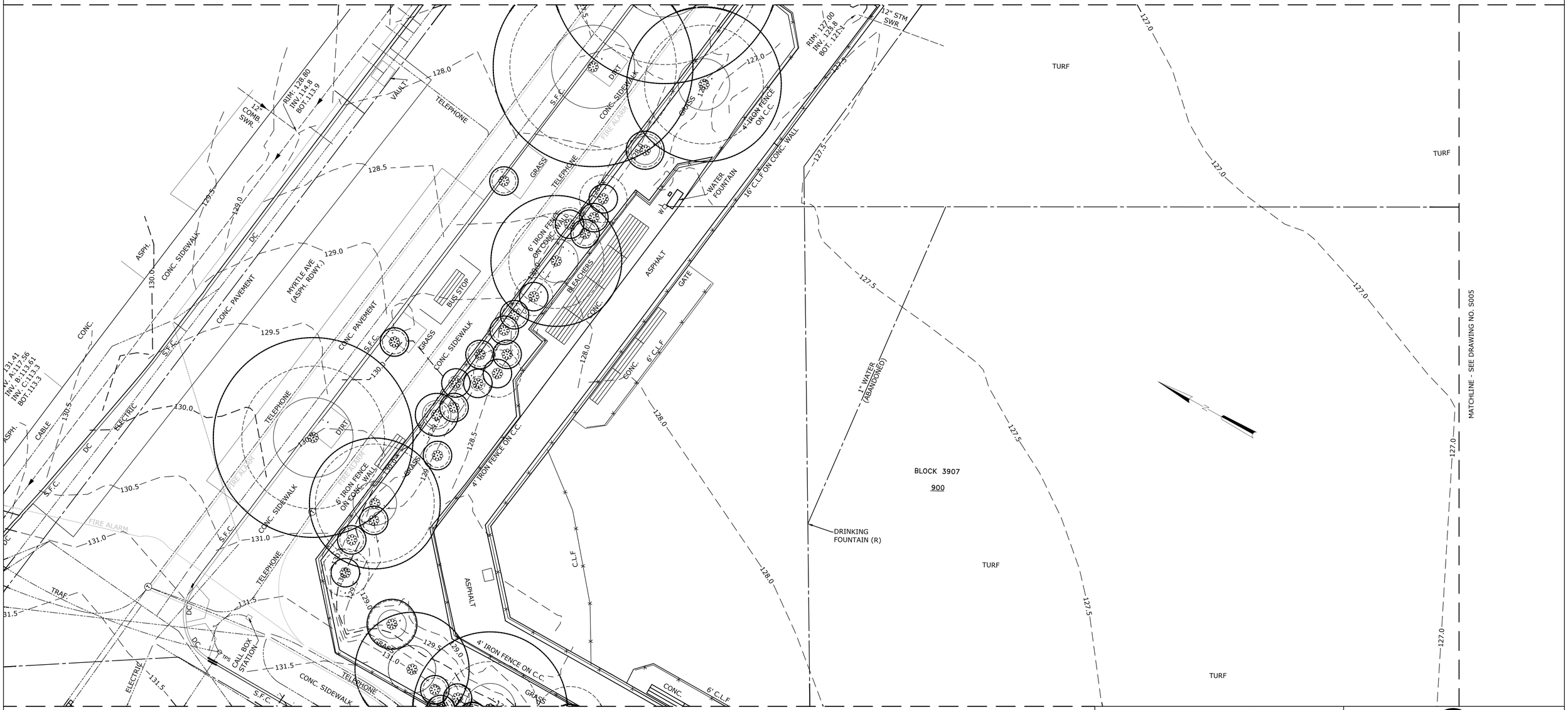
DRAWING NO.: S005

CONTRACT NO.: ----

DATE: NOV 2026

SHEET No. 8 OF 35 SHEETS

MATCHLINE - SEE DRAWING NO. S001



5 0 5 10

SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 6

DESIGNED BY	DRAWN BY	CHECKED BY
B. THAYER ASSOCIATES	B. THAYER ASSOCIATES	B. THAYER ASSOCIATES

B-SCAN

SCALE: 1" = 10'

DRAWING NO.: S006

DATE: NOV 2026

CONTRACT NO.: ----

SHEET No. 9 OF 35 SHEETS

MATCHLINE - SEE DRAWING NO. S006

MATCHLINE - SEE DRAWING NO. S008

MATCHLINE - SEE DRAWING NO. S011

5 0 5 10
SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 7

DESIGNED BY	DRAWN BY		CHECKED BY
B. THAYER ASSOCIATES	B. THAYER ASSOCIATES		B. THAYER ASSOCIATES
B-SCAN	SCALE 1" = 10'	DRAWING NO. S007	CONTRACT NO. ----
	DATE NOV 2026		SHEET No. 10 OF 35 SHEETS

MATCHLINE - SEE DRAWING NO. S006 | MATCHLINE - SEE DRAWING NO. S005

MATCHLINE - SEE DRAWING NO. S007

MATCHLINE - SEE DRAWING NO. S009

MATCHLINE - SEE DRAWING NO. S011

MATCHLINE - SEE DRAWING NO. S010

5 0 5 10
SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 8

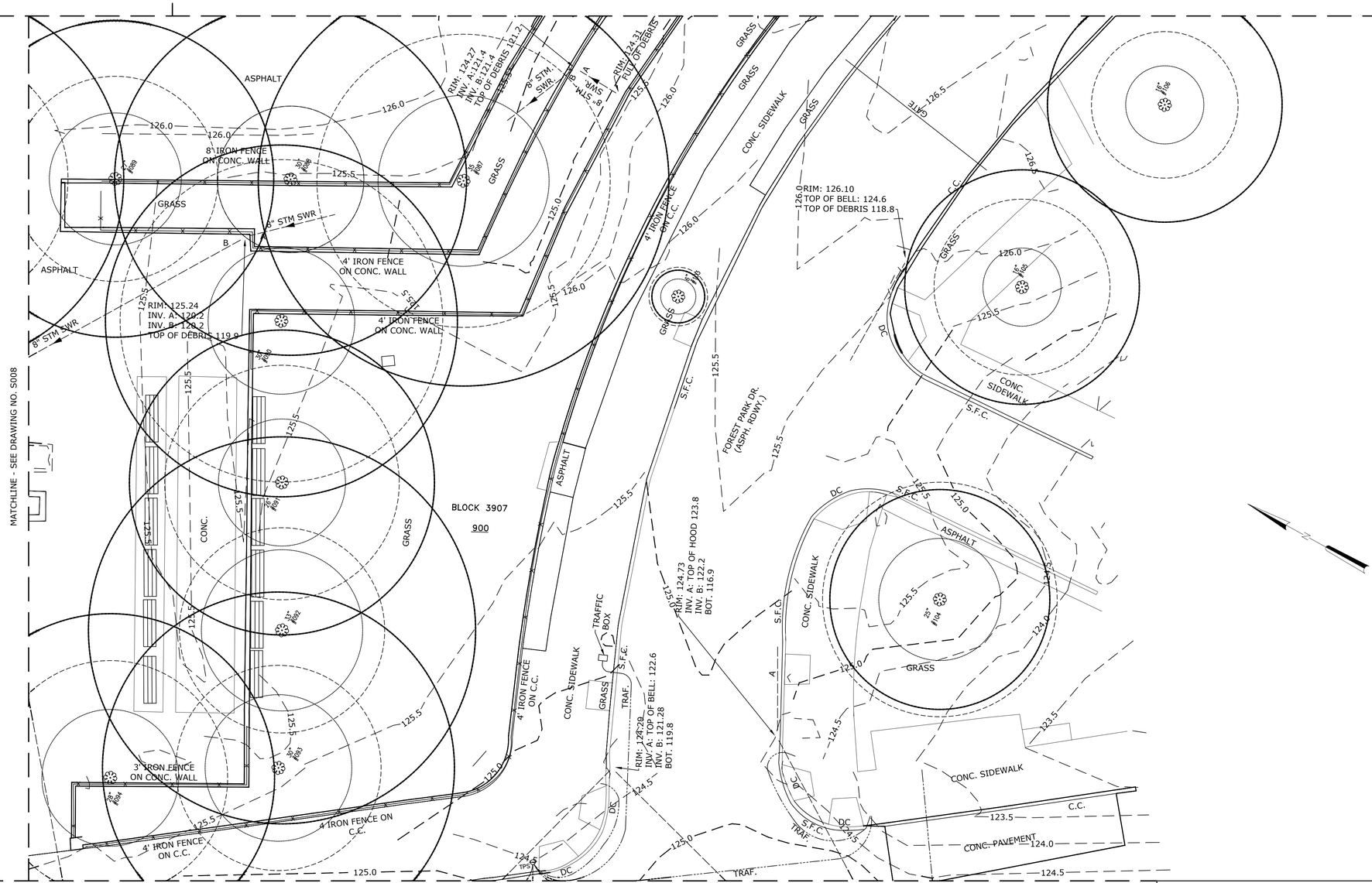
DESIGNED BY	DRAWN BY	CHECKED BY
B. THAYER ASSOCIATES	B. THAYER ASSOCIATES	B. THAYER ASSOCIATES

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S008	----
	DATE: NOV 2026		SHEET No. 11 OF 35 SHEETS

MATCHLINE - SEE DRAWING NO. S005

MATCHLINE - SEE DRAWING NO. S004

MATCHLINE - SEE DRAWING NO. S008



MATCHLINE - SEE DRAWING NO. S010

5 0 5 10

SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 9

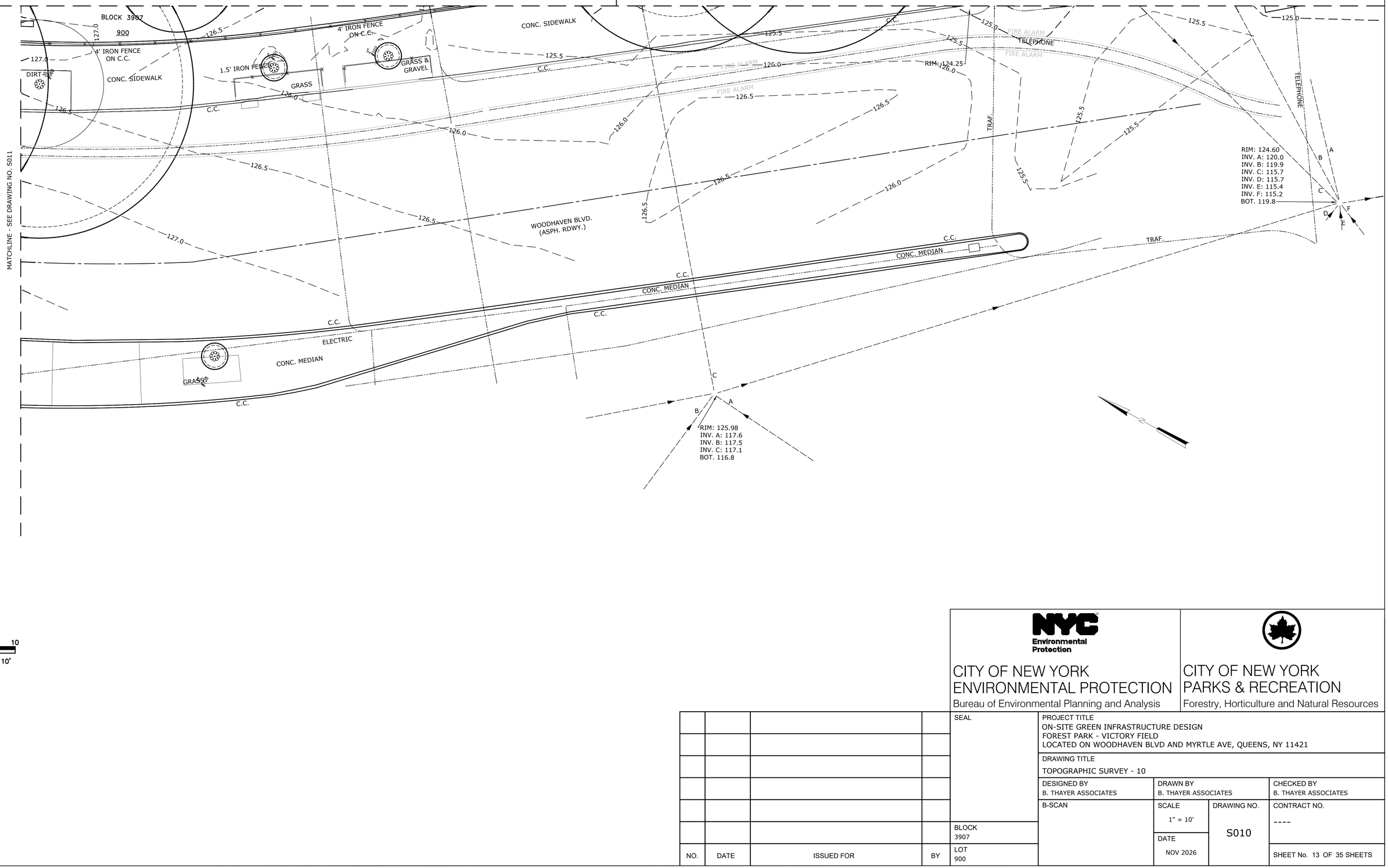
DESIGNED BY	DRAWN BY	CHECKED BY
B. THAYER ASSOCIATES	B. THAYER ASSOCIATES	B. THAYER ASSOCIATES

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S009	----
	DATE: NOV 2026		SHEET No. 12 OF 35 SHEETS

MATCHLINE - SEE DRAWING NO. S008

MATCHLINE - SEE DRAWING NO. S009

MATCHLINE - SEE DRAWING NO. S011



5 0 5 10

SCALE: 1" = 10'

Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

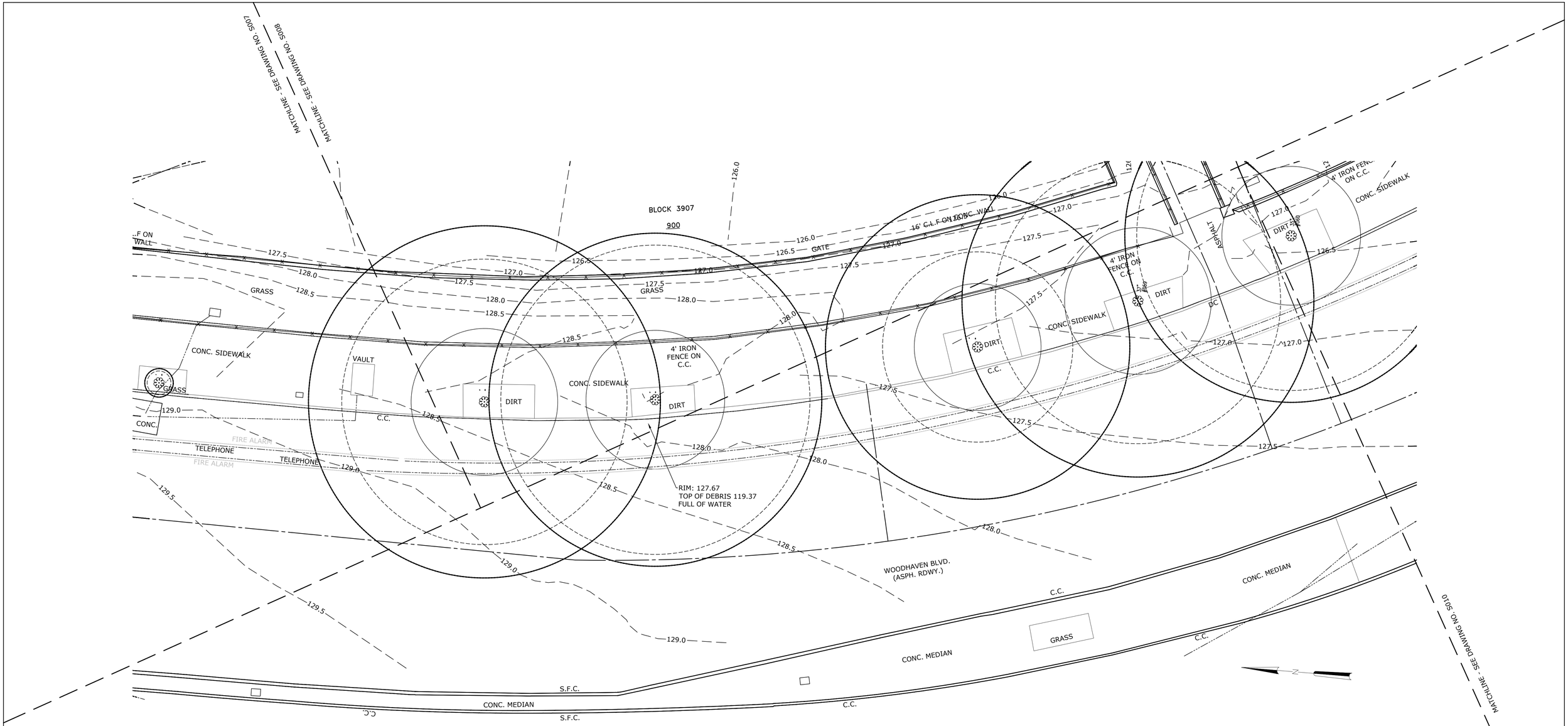
BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 10

DESIGNED BY	DRAWN BY		CHECKED BY
B. THAYER ASSOCIATES	B. THAYER ASSOCIATES		B. THAYER ASSOCIATES
B-SCAN	SCALE 1" = 10'	DRAWING NO. S010	CONTRACT NO. ----
	DATE NOV 2026		SHEET No. 13 OF 35 SHEETS



5 0 5 10
SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

BLOCK 3907

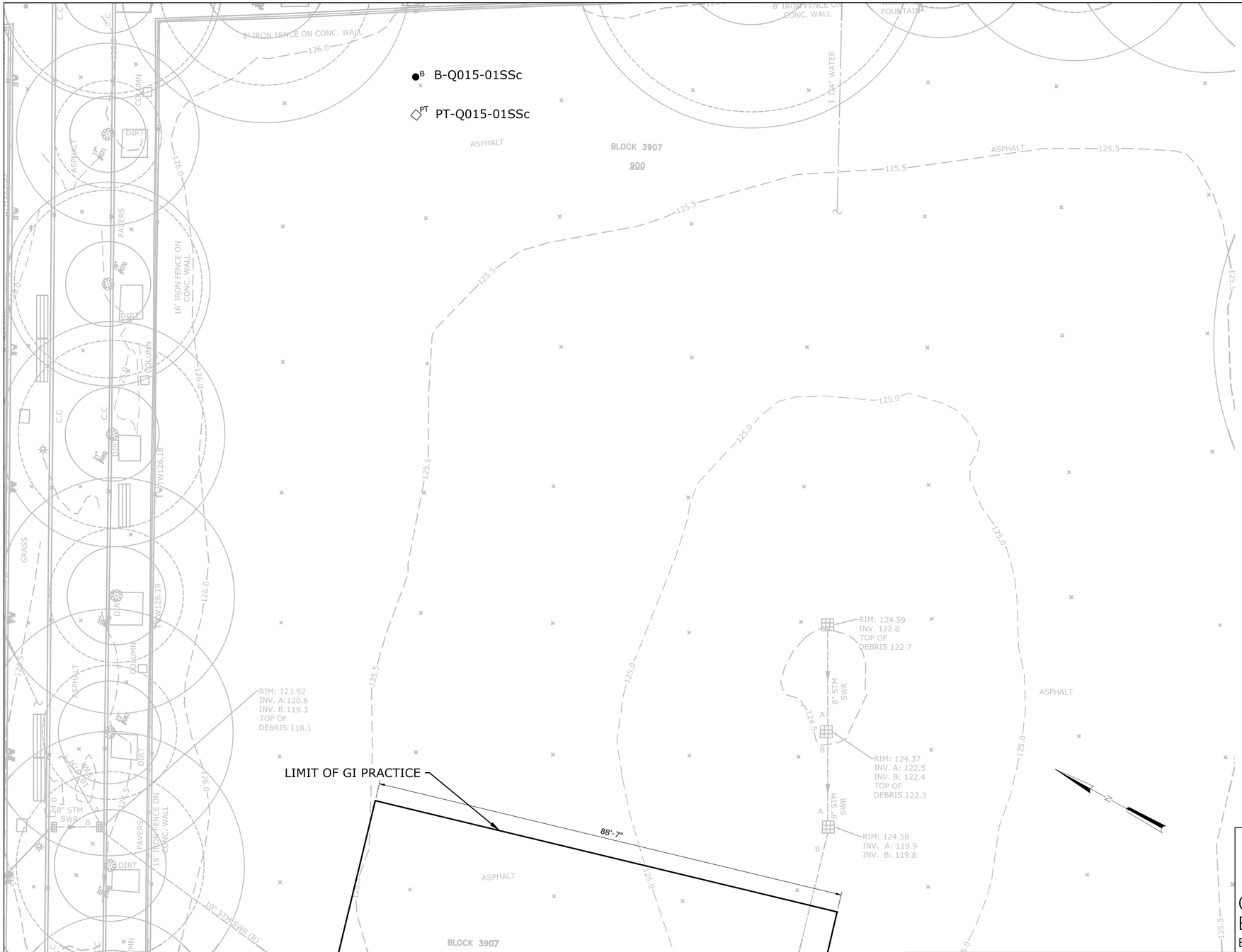
LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TOPOGRAPHIC SURVEY - 11

DESIGNED BY	DRAWN BY	CHECKED BY
B. THAYER ASSOCIATES	B. THAYER ASSOCIATES	B. THAYER ASSOCIATES

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	S011	----
	DATE: NOV 2026		SHEET No. 14 OF 35 SHEETS



NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

STATE OF NEW YORK — LICENSED PROFESSIONAL ENGINEER — 096594

BLOCK 3907
LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
BORING PLAN

DESIGNED BY	DRAWN BY	CHECKED BY
SC	SC	WS

B-SCAN

SCALE	DRAWING NO.	CONTRACT NO.
1" = 10'	B100	----

DATE: NOV 2026

SHEET No. 15 OF 35 SHEETS

Depth Below Ground Surface (ft)	Soil Description (Field Observations)	SPT Blows per 6"	N Value	Recovery Length (inches)	Remarks
0	Asphalt				
	Bulk Sample 1 (S1): Low moisture, low compaction, brown/black, silty SAND (SM)	17 16 15 17	31	14	Sample contains gravel
5	Bulk Sample 2 (S2): Low moisture, low compaction, brown/black, silty SAND (SM)	18 10 11 14	21	3	
	Bulk Sample 3 (S3): Low moisture, low compaction, light/dark brown, silty SAND (SM)	13 10 13 14	23	3	Sample contains gravel
10	Bulk Sample 4 (S4): Low moisture, low compaction, light brown, poorly-graded silty SAND (SP-SM)	12 6 8 9	14	14	Sample contains gravel
	Bulk Sample 5 (S5): Low moisture, low compaction, light brown/black/gray, poorly-graded silty SAND (SP-SM)	12 8 8 9	16	8.5	Sample contains gravel
15	Bulk Sample 6 (S6): Low moisture, low compaction, light brown/black/gray, poorly-graded silty SAND (SP-SM)	9 10 17 13	27	10.5	
					Boring terminated at 15 feet below ground surface unless otherwise instructed.

Inspector's Remarks:

B-Q015-01SSc

Boring ID	LABORATORTY SAMPLE RESULTS		
	Depth (ft)	USCS Symbol	% Passing No 200 Sieve
B-Q015-01SSc	3'-5'	SM	21.80%
	5'-7'	SM	25.50%
	7'-9'	SM	21.30%
	9'-11'	SM	19.70%
	11'-13'	SM	19.90%
	13'-15'	SM	21.00%

B-Q015-01SSc, LAB SAMPLE RESULTS

Location	PERMEABILITY TEST SUMMARY	
	Test Depth (ft)	Average Permeability for In-Situ Testing 1 (inches/hour)
PT-Q015-01SSc	5'	1.77
	10'	0.07

PT-Q015-01SSc, PERMEABILITY TEST

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL: STATE OF NEW YORK — WILLIAM A. SCHOLL JR. — 096594 — LICENSED PROFESSIONAL ENGINEER

BLOCK 3907
LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

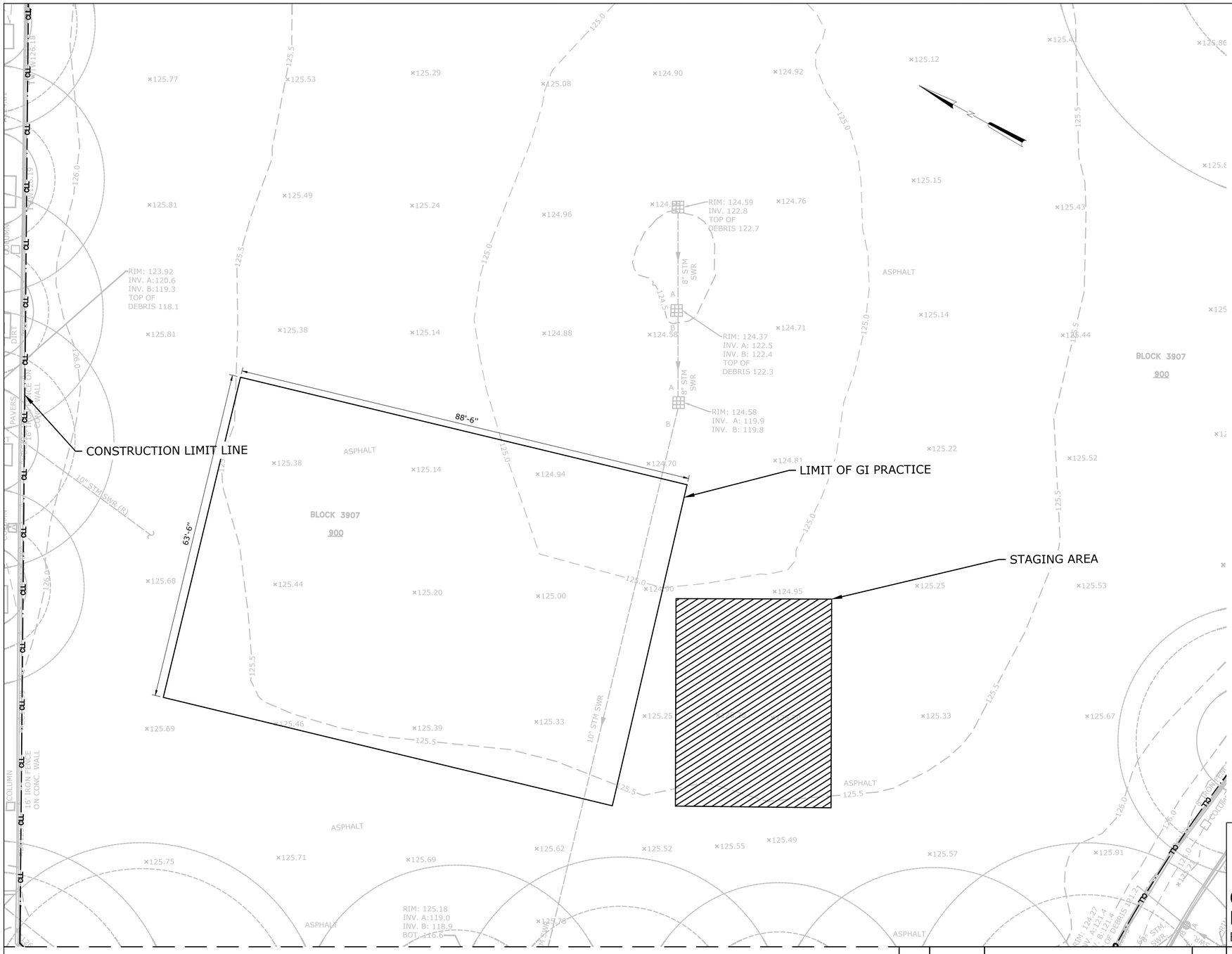
DRAWING TITLE
BORING LOGS

DESIGNED BY	DRAWN BY	CHECKED BY
SC	SC	WS

B-SCAN | SCALE ---- | DRAWING NO. B101 | CONTRACT NO. ----

DATE NOV 2026

SHEET No. 16 OF 35 SHEETS



LEGEND

- TREE DRIPLINE
- TREE CRITICAL ROOT ZONE
- STAGING AREA
- CONSTRUCTION ACCESS/ENTRANCE
- CONSTRUCTION LIMIT LINE (CLL)
- TEMPORARY CONSTRUCTION FENCE (CF)
- TREE TO BE PROTECTED (③ 7")
- GREEN INFRASTRUCTURE PRACTICE

MATCHLINE - SEE DRAWING NO. C101

5 0 5 10
SCALE: 1" = 10'

NO.	DATE	ISSUED FOR	BY

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

SEAL

STATE OF NEW YORK — SCOTT CASTRONOVA — 096594 — LICENSED PROFESSIONAL ENGINEER

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TREE PROTECTION, STAGING, AND ACCESS PLAN - 1

DESIGNED BY	DRAWN BY	CHECKED BY
SC	SC	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 10'	C100	----
	DATE: NOV 2026		SHEET No. 17 OF 35 SHEETS

BLOCK 3907
LOT 900

MATCHLINE - SEE DRAWING NO. C100

CONSTRUCTION LIMIT LINE

30 SF OF GRASS TO BE RESEEDED AFTER CONSTRUCTION IS COMPLETED

LOCATION OF CONSTRUCTION SIGN ON FENCE

TEMPORARY CONSTRUCTION FENCE 23 LF TOTAL, SEE DETAIL 2, SHEET C500

CONTRACTOR SHALL INSTALL TEMPORARY COLLISION PROTECTION BARRIERS AROUND THE PERIMETER OF FLAGPOLE. MEANS AND METHODS WILL BE DETERMINED BY CONTRACTOR AND WILL REQUIRE APPROVAL BY ENGINEER. THE COST OF TEMPORARY COLLISION PROTECTION BARRIERS SHALL NOT BE PAID UNDER A SEPARATE ITEM BUT SHALL BE CONSIDERED INCIDENTAL TO THE WORK.

TREE GUARD - PER NYC PARKS STANDARD DETAIL #5, SHEET 59

CONTRACTOR TO USE FLAGGERS WHEN CONSTRUCTION VEHICLES CROSS AREA ACCESSIBLE TO PUBLIC

ANY DAMAGE TO THE SIDEWALK OR ASPHALT IN ACCESS AREA WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE

5 0 5 10

SCALE: 1" = 10'

LEGEND

- TREE DRIPLINE
- TREE CRITICAL ROOT ZONE
- STAGING AREA
- CONSTRUCTION ACCESS/ENTRANCE
- CONSTRUCTION LIMIT LINE (CLL)
- TEMPORARY CONSTRUCTION FENCE (CF)
- TREE GUARD (7")
- GREEN INFRASTRUCTURE PRACTICE
- COLLISION PROTECTION BOUNDARY

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY
1	2/27/2025	NYC PARKS	

SEAL

STATE OF NEW YORK — LICENSED PROFESSIONAL ENGINEER — 098594

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TREE PROTECTION, STAGING, AND ACCESS PLAN - 2

DESIGNED BY	DRAWN BY		CHECKED BY
SC	SC		WS
B-SCAN	SCALE: 1" = 10'	DRAWING NO.: C101	CONTRACT NO.: ----
	DATE: NOV 2026		SHEET No. 18 OF 35 SHEETS

BLOCK 3907
LOT 900

TREE #	SPECIES (common name)	DBH (inches)	CTLA CONDITION RATING	ISA CRITICAL ROOTZONE (CRZ) RADIUS (ft.)	TREE REMOVAL	STUMP REMOVAL	TRANSPLANT TREE	PREPARATORY PRUNING ANSI A-300							TREE PROTECTION						DECOMPACT				PREPARATORY FERTILIZE	TREE GROWTH REGULATOR	COMMENTS
								Cleaning	Raising	Reducing	Restoring	Structural	Thinning	Limb Tying	Temporary Wooden Tree Guard	Temporary Wooden Tree Guard For Groves	Temporary Fence Boundary	Protect Existing Tree Roots w/ Woodchips	Protect Ex. Tree Roots w/ Plywood or Mats		Air-Tilling 3 Ft Radius	Air-Tilling 5 Ft Radius	Radial Trench	Vertical Mulch			
1	OAK, PIN	21	75%	21.0				X																			Minor constricted root zone, Fair branch structure, Fair trunk structure, Minor thin canopy
2	OAK, PIN	33	75%	33.0				X																			Minor basal decay, Fair branch structure, Major dead branches
3	OAK, PIN	28	66%	28.0				X																			Minor trunk lean, Poor branch structure, Major dead branches, Major thin canopy
4	OAK, PIN	32	94%	32.0																							Minor wood rot, Minor constricted root zone
5	OAK, PIN	22	75%	22.0				X																			Minor root damage, Minor constricted root zone, Minor wood rot, Major dead branches, Major thin canopy
6	OAK, PIN	24	66%	24.0				X																			Minor girdling roots, Major wood rot, Minor constricted root zone, Dead leader, Major dead branches
7	OAK, PIN	21	63%	21.0				X																			Minor root damage, Minor constricted roots, Minor included bark, Minor bark infestation, Major dead branches
8	OAK, PIN	21	78%	21.0				X																			Minor constricted roots, Major crooked leader, Major bark infestation, Major dead branches
9	OAK, SCARLET	13	94%	16.3				X																			Minor dead branches
10	COMMON CRAPEMYRTLE	4	100%	4.0																							No comment
11	EASTERN REDCEDAR	6	94%	3.0				X																			Minor dead branches
12	MULBERRY, WHITE	2	81%	3.0																							Poor branch structure
13	EASTERN REDCEDAR	5	94%	3.0				X																			Minor dead branches
14	OAK, SCARLET	11	94%	13.8				X																			Minor dead branches
15	EASTERN REDCEDAR	6	94%	3.0				X																			Minor dead branches
16	EASTERN REDCEDAR	6	94%	3.0				X																			Minor dead branches
17	EASTERN REDCEDAR	3	94%	3.0				X																			Minor dead branches
18	EASTERN REDCEDAR	4	88%	3.0				X																			Minor dead branches, Minor thin canopy
19	EASTERN REDCEDAR	4	100%	3.0																							No comment
20	COMMON CRAPEMYRTLE	3	94%	3.0				X																			Minor dead branches
21	EASTERN REDCEDAR	4	81%	3.0				X																			Minor dead branches, Minor thin canopy
22	EASTERN REDCEDAR	4	81%	3.0				X																			Minor dead branches, Minor thin canopy
23	EASTERN REDCEDAR	4	81%	3.0				X																			Minor dead branches, Minor thin canopy
24	EASTERN REDCEDAR	3	81%	3.0				X																			Minor dead branches, Minor thin canopy
25	EASTERN REDCEDAR	3	81%	3.0				X																			Minor dead branches, Minor thin canopy
26	OAK, SCARLET	11	88%	13.8				X																			Minor dead branches
27	EASTERN REDCEDAR	4	81%	3.0				X																			Minor dead branches, Minor thin canopy
28	EASTERN REDCEDAR	4	88%	3.0				X																			Minor dead branches
29	COMMON CRAPEMYRTLE	2	100%	3.0																							No comment
30	SPRUCE, COLORAD BLUE	7	100%	5.3																							No comment
31	SPRUCE, COLORAD BLUE	12	94%	12.0				X																			Minor dead branches
32	SPRUCE, COLORAD BLUE	6	97%	4.5																							Minor trunk lean
33	EASTERN REDCEDAR	3	81%	3.0				X																			Minor dead branches, Minor thin canopy
34	EASTERN REDCEDAR	3	81%	3.0				X																			Minor dead branches, Minor thin canopy
35	EASTERN REDCEDAR	3	69%	3.0				X																			Major thin canopy, Major dead branches
36	OAK, SCARLET	13	94%	16.3				X																			Minor dead branches
37	EASTERN REDCEDAR	3	69%	3.0				X																			Major thin canopy, Major dead branches
38	EASTERN REDCEDAR	3	69%	3.0				X																			Major thin canopy, Major dead branches
39	EASTERN REDCEDAR	3	69%	3.0				X																			Major thin canopy, Major dead branches
40	EASTERN REDCEDAR	3	69%	3.0				X																			Major thin canopy, Major dead branches
41	EASTERN REDCEDAR	4	91%	3.0																							Minor thin canopy
42	PEAR, CALLERY -ARISTO	5	91%	3.8																							Major leaf infestation
43	EASTERN REDCEDAR	3	69%	3.0				X																			Major thin canopy, Major dead branches
44	EASTERN REDCEDAR	4	69%	3.0				X																			Major thin canopy, Major dead branches
45	EASTERN REDCEDAR	4	94%	3.0																							Minor vine coverage

Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

STATE OF NEW YORK — SAMUEL CHUNG — 096594 — LICENSED PROFESSIONAL ENGINEER

BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TREE PROTECTION SCHEDULE - 1

DESIGNED BY	DRAWN BY	CHECKED BY
SC	SC	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	----	C102	----

DATE
NOV 2026

SHEET No. 19 OF 35 SHEETS

TREE #	SPECIES (common name)	DBH (inches)	CTLA CONDITION RATING	ISA CRITICAL ROOTZONE (CRZ) RADIUS (ft.)	TREE REMOVAL	STUMP REMOVAL	TRANSPLANT TREE	PREPARATORY PRUNING ANSI A-300						Limb Tying	TREE PROTECTION						DECOMPACT				PREPARATORY FERTILIZE	TREE GROWTH REGULATOR	COMMENTS
								Cleaning	Raising	Reducing	Restoring	Structural	Thinning		Temporary Wooden Tree Guard	Temporary Wooden Tree Guard For Groves	Temporary Fence Boundary	Protect Existing Tree Roots w/ Woodchips	Protect Ex. Tree Roots w/ Plywood or Mats		Air-Tilling 3 Ft Radius	Air-Tilling 5 Ft Radius	Radial Trench	Vertical Mulch			
46	COMMON CRAPEMYRTLE	3	94%	3.0				X																			Minor dead branches
47	EASTERN REDCEDAR	5	91%	3.0																							Minor thin canopy
48	EASTERN REDCEDAR	5	91%	3.0																							Minor thin canopy
49	EASTERN REDCEDAR	5	100%	3.0																							No comment
50	OAK, SCARLET	14	94%	17.5				X																			Minor dead branches
51	EASTERN REDCEDAR	4	100%	3.0																							No comment
52	EASTERN REDCEDAR	4	100%	3.0																							No comment
53	COMMON CRAPEMYRTLE	7	94%	7.0				X																			Minor dead branches
54	EASTERN REDCEDAR	6	94%	3.0				X																			Minor dead branches
55	OAK, SCARLET	16	94%	20.0				X																			Minor dead branches
56	OAK, PIN	37	44%	37.0																							Major wood rot, Dead roots, Major dead branches
57	OAK, PIN	35	63%	35.0				X																			Major constricted roots, Dead roots, Major dead branches
58	OAK, PIN	32	69%	32.0				X					X														Minor buried roots, Major dead branches, Major water sprouts
59	OAK, PIN	37	50%	37.0				X																			Major wood rot, Dead roots, Major dead branches, Poor branch structure
60	OAK, PIN	35	69%	35.0																							Major buried roots, Extreme trunk lean
61	OAK, PIN	32	63%	32.0				X							X												Minor basal rot, Major dead branches, Major thin canopy
62	OAK, PIN	30	50%	30.0				X							X												Major basal rot, Major dead branches,Major thin canopy, Minor trunk lean
63	OAK, PIN	35	56%	35.0				X																			Major basal rot, Major dead branches, Major dense canopy
64	OAK, PIN	36	81%	36.0				X																			Major dead branches
65	OAK, PIN	19	84%	19.0				X																			Minor constricted root zone,Minor dead branches, Minor trunk lean
66	OAK, PIN	25	88%	25.0				X																			Minor constricted root zone,Minor dead branches
67	OAK, PIN	23	88%	23.0				X																			Minor constricted root zone,Minor dead branches
68	OAK, PIN	22	94%	22.0																							Minor constricted root zone
69	OAK, PIN	21	66%	21.0				X					X														Minor constricted root zone, Major water sprouts, Major dead wood
70	OAK, PIN	19	81%	19.0				X																			Major constricted roots, Minor dead branches
71	OAK, PIN	17	75%	17.0				X																			Minor constricted root zone, Major thin canopy, Major water sprouts, Minor dead branches
72	OAK, PIN	21	69%	21.0				X																			Major dense canopy, Major dead wood, Minor dead branches
73	OAK, PIN	27	75%	27.0				X																			Minor constricted root zone, Minor dense canopy, Minor dead branches
74	OAK, PIN	33	59%	33.0				X					X														Poor branch structure, Major constricted roots, Extreme dense canopy, Minor dead branches
75	OAK, PIN	18	69%	18.0				X																			Poor branch structure, Minor dead branches, Minor constricted root zone
76	OAK, PIN	24	63%	24.0				X																			Major girdling roots, Minor constricted roots, Poor branch structure, Minor dead branches
77	OAK, PIN	27	59%	27.0				X																			Major girdling roots, Minor constricted roots, Major thin canopy, Major dead branches
78	OAK, PIN	31	81%	31.0				X																			Major girdling roots, Minor constricted roots, Minor dead branches
79	OAK, PIN	25	84%	25.0				X																			Minor constricted roots, Minor dead branches,Minor basal cavity
80	OAK, PIN	33	56%	33.0				X																			Major constricted root zone, Minor basal cavity, Major dead branches
81	OAK, PIN	42	78%	52.5				X																			Major constricted root zone, Major water sprouts, Minor dead branches
82	OAK, PIN	17	69%	17.0									X														Major water sprouts, Minor trunk lean, Poor branch structure, Major thin canopy
83	OAK, PIN	16	72%	16.0																							Minor constricted root zone, Poor branch structure, Minor thin canopy
84	OAK, PIN	20	81%	20.0				X																			Minor constricted root zone, Minor thin canopy, Minor dead branches
85	OAK, PIN	23	81%	23.0				X																			Minor constricted roots, Major water sprouts, Minor dead branches
86	OAK, PIN	26	91%	26.0				X					X														Minor dead branches
87	OAK, PIN	35	78%	35.0				X																			Minor constricted roots, Major dead branches, Major water sprouts
88	OAK, PIN	30	81%	30.0				X																			Major dead branches, Major thin canopy
89	OAK, PIN	27	69%	27.0				X							X												Major dead wood, Major dead branches, Major thin canopy,
90	OAK, PIN	30	63%	30.0				X																			Major dead wood, Major dead branches, Major crossing branches, Major included bark, Minor girdling roots

Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL
STATE OF NEW YORK
SAMUEL CHOI
096594
LICENSED PROFESSIONAL ENGINEER

BLOCK 3907
LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
TREE PROTECTION SCHEDULE - 2

DESIGNED BY	DRAWN BY	CHECKED BY
SC	SC	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	----	C103	----
	DATE: NOV 2026		SHEET No. 20 OF 35 SHEETS

TREE #	SPECIES (common name)	DBH (inches)	CTLA CONDITION RATING	ISA CRITICAL ROOTZONE (CR2) RADIUS (ft.)	TREE REMOVAL	STUMP REMOVAL	TRANSPLANT TREE	PREPARATORY PRUNING ANSI A-300						TREE PROTECTION							DECOMPACT				PREPARATORY FERTILIZE	TREE GROWTH REGULATOR	COMMENTS
								Cleaning	Raising	Reducing	Restoring	Structural	Thinning	Limb Tying	Temporary Wooden Tree Guard	Temporary Wooden Tree Guard For Groves	Temporary Fence Boundary	Protect Existing Tree Roots w/ Woodchips	Protect Ex. Tree Roots w/ Plywood or Mats		Air-Tilling 3 Ft Radius	Air-Tilling 5 Ft Radius	Radial Trench	Vertical Mulch			
91	OAK, PIN	26	69%	26.0				X					X															Minor girdling roots, Poor branch structure, Major dead branches, Major water sprouts
92	OAK, PIN	33	59%	33.0																								Minor girdling roots, Major dead wood, Major broken scaffold branches, Major thin canopy
93	OAK, PIN	30	69%	30.0				X																				Major broken scaffold branches, Major dead wood, Major thin canopy, Poor branch structure
94	OAK, PIN	28	59%	28.0				X					X		X													Major girdling roots, Minor broken scaffold branches, Major water sprouts, Minor dead branches
95	OAK, PIN	25	50%	25.0									X															Major decline
96	OAK, PIN	34	59%	34.0				X																				Major basal cavity, Major water sprouts, Major dense canopy, Major dead branches
97	OAK, PIN	39	53%	39.0				X					X															Major girdling roots, Major broken scaffold branches, Major dead wood, Major water sprouts, Major dead branches
98	PINE, EASTERN WHITE	9	100%	11.3																								No comment
99	PINE, EASTERN WHITE	7	100%	7.0																								No comment
100	PINE, EASTERN WHITE	11	94%	13.8				X																				Minor dead branches
101	HARDY RUBBER TREE	2	94%	3.0																								Minor exposed roots
102	HARDY RUBBER TREE	2	100%	3.0																								No comment
103	OAK, PIN	6	75%	4.5				X																				Minor exposed roots, Major wood rot, Minor dead branches
104	ASH, GREEN	25	59%	18.8				X																				Extreme water sprouts, Extreme included bark, Major dead branches
105	LINDEN, LITTLE LEAF	16	75%	20.0																								Major girdling roots, Major dense canopy, Minor crossing branches
106	MAPLE, JAPANESE	16	88%	20.0				X																				Minor girdling roots, Minor dead branches
107	CHERRY, KWANZAN	12	78%	15.0				X																				Major girdling roots, Minor included bark, Minor dead branches
108	CHERRY, KWANZAN	9	88%	11.3									X															Major water sprouts, Minor trunk damage, Minor included bark
109	CHERRY, KWANZAN	7	69%	7.0																								Major broken scaffold branches, Major thin canopy
110	CHERRY, KWANZAN	8	63%	8.0																								Major girdling roots, Major branch gall, Major thin canopy
111	CHERRY, KWANZAN	10	69%	12.5				X																				Major girdling roots, Minor thin canopy, Minor dead branches
112	CHERRY, KWANZAN	8	81%	8.0																								Major girdling roots, Minor included bark, Minor trunk lean
113	CHERRY, KWANZAN	10	78%	12.5				X																				Major girdling roots, Major bark infestation, Minor dead branches
114	CHERRY, KWANZAN	10	81%	12.5				X																				Major girdling roots, Minor dead branches
115	CHERRY, KWANZAN	7	69%	7.0																								Major broken scaffold branches, Major thin canopy
116	OAK, PIN	32	88%	32.0				X		X																		Minor girdling roots, Fair branch structure, Minor dense canopy, Minor dead branches
117	OAK, PIN	30	88%	30.0				X																				Major dead branches
118	OAK, PIN	34	78%	34.0				X		X																		Minor girdling roots, Fair trunk structure, Fair branch structure, Major dead branches
119	OAK, PIN	29	81%	28.5				X		X																		Fair trunk structure, Fair branch structure, Major dead branches
120	OAK, PIN	20	78%	20.0				X																				Minor buried root flare, Fair trunk structure, Fair branch structure, Minor dead branches
121	MULBERRY, WHITE	4	63%	3.0				X				X																Major buried root flare, Fair trunk structure, Fair branch structure, Minor vine coverage, Minor dead branches, Minor leaf spot
122	MAPLE, NORWAY	6	81%	4.1																								Minor buried root flare, Fair trunk structure, Fair branch structure
123	MAPLE, NORWAY	3	72%	3.0																								Minor buried root flare, Codominant leaders, Poor branch structure
124	CRABAPPLE	7	53%	5.3				X				X																Major buried root flare, Major basal decay, Major vine coverage, Poor branch structure, Minor dead branches, Minor leaf spot
125	MAPLE, NORWAY	5	75%	3.4				X																				Minor buried root flare, Fair trunk structure, Fair branch structure, Minor dead branches, Minor leaf chlorosis
126	MAPLE, NORWAY	5	66%	3.4				X																				Minor buried root flare, Fair trunk structure, Extreme vine coverage, Fair branch structure, Minor dead branches, Minor leaf chlorosis
127	MULBERRY, WHITE	3	56%	3.0				X																				Minor girdling roots, Codominant leaders, Major included bark, Major vine coverage, Poor branch structure, Major dead branches, Minor leaf spot
128	CHERRY, KWANZAN	3	66%	3.0				X																				Minor buried root flare, Fair branch structure, Minor dead branches
129	ZELKOVA, JAPANESE	3	66%	3.0				X																				Minor buried root flare, Fair branch structure, Minor dead branches
130	ZELKOVA, JAPANESE	3	66%	3.0				X																				Minor buried root flare, Fair branch structure, Minor dead branches
5A	OAK, NORTHERN RED	2	66%	3.0				X																				Minor buried root flare, Fair branch structure, Minor dead branches
7A	OAK, NORTHERN RED	2	66%	3.0				X																				Minor buried root flare, Fair branch structure, Minor dead branches
8A	OAK, NORTHERN RED	2	66%	3.0				X																				Minor buried root flare, Fair branch structure, Minor dead branches
56A	OAK, NORTHERN RED	2	66%	3.0				X																				Minor buried root flare, Fair branch structure, Minor dead branches

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

STATE OF NEW YORK · LICENSED PROFESSIONAL ENGINEER · 096594

BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

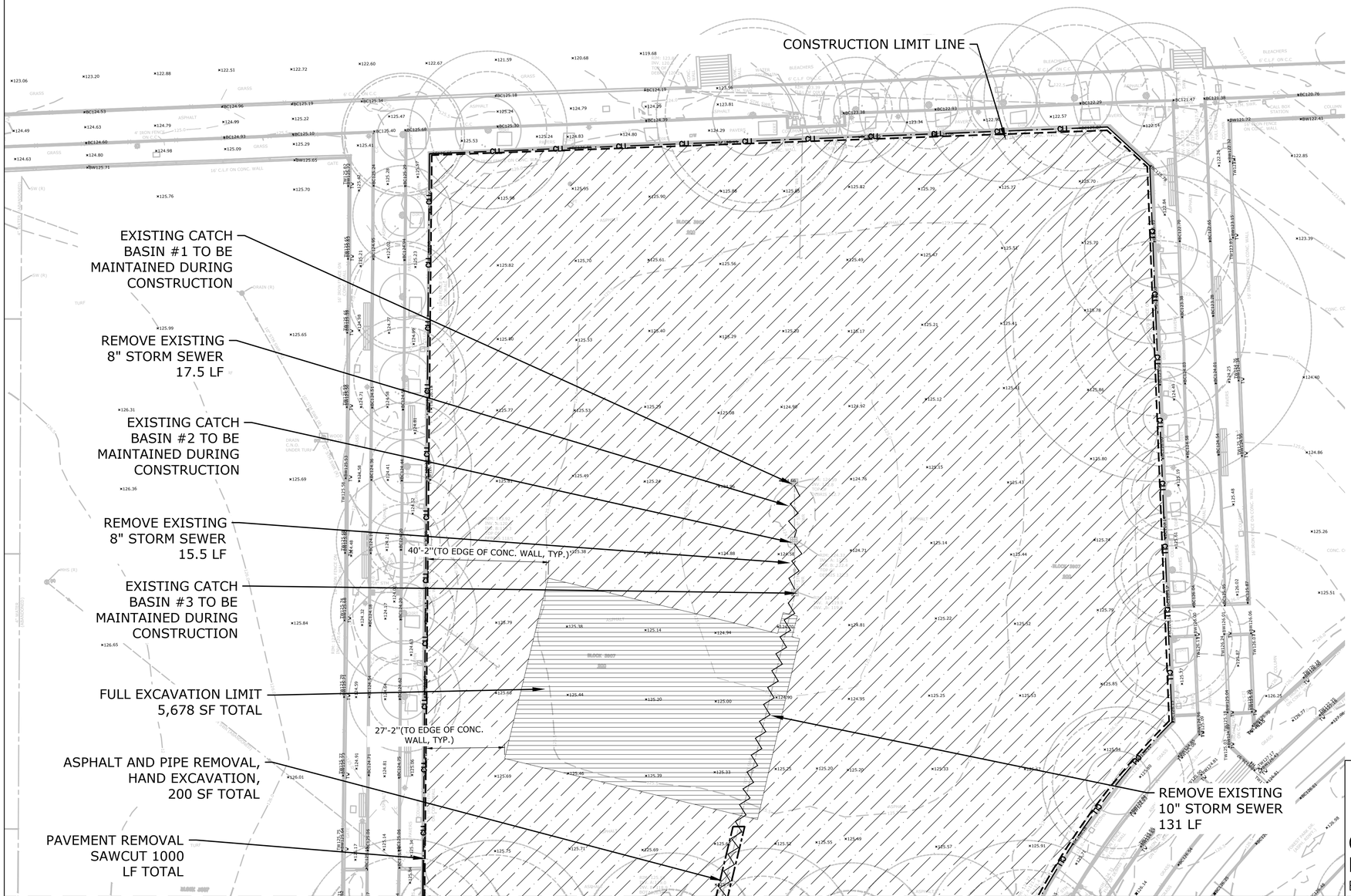
DRAWING TITLE
TREE PROTECTION SCHEDULE - 3

DESIGNED BY	DRAWN BY	CHECKED BY
SC	SC	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	----	C104	----

DATE
NOV 2026

SHEET No. 21 OF 35 SHEETS



MATCHLINE - SEE DRAWING NO. C106

10 0 10 20
SCALE: 1" = 20'

LEGEND

- SAWCUT LIMIT
- HAND EXCAVATION LIMIT
- TEMPORARY CONSTRUCTION FENCE — CF
- PIPE REMOVAL
- CONSTRUCTION LIMIT LINE — CLL
- FULL DEPTH PAVEMENT REMOVAL
- FULL EXCAVATION LIMIT

CONSTRUCTION SEQUENCING:

1. INSTALL TEMPORARY CONSTRUCTION FENCE (SEE DETAIL 2, SHEET C500)
2. INLET DRAIN PROTECTION (SEE DETAIL 1, SHEET C500) SHALL BE USED ON ALL INLET DRAINS ADJACENT TO AND DOWNSTREAM OF CONSTRUCTION AREA.
3. SHEETING AND BRACING SHALL BE INSTALLED FOR ALL EXCAVATIONS DEEPER THAN 5 FEET.
4. CONSTRUCTION FENCE SHOWN IS APPROXIMATE OUTER LIMITS. FENCED AREA SHALL BE REDUCED IF AN AREA IS COMPLETED TO ALLOW PEDESTRIAN ACCESS.
5. EXCAVATION AND INSTALLATION OF GREEN INFRASTRUCTURE PRACTICES SHALL BE PERFORMED, ALONG WITH ALL ASSOCIATED APPURTENANCES. HAND/PNUEMATIC EXCAVATION SHALL BE PERFORMED IN AREAS WHERE PAVEMENT NEEDS TO BE REMOVED WITHIN THE CRITICAL ROOT ZONES OF TREES.
6. PAVING IN THE WORK AREA SHALL BE RESTORED. PAINT MARKINGS IN WORK AREAS SHALL BE REPLACED IN KIND.
7. EROSION AND CONTROL MEASURES AND CONSTRUCTION FENCE SHALL BE REMOVED.
8. EXISTING UNDERGROUND SITE DRAINAGE AND SEWER PIPES SHALL BE CLEANED OUT UPON COMPLETION OF THE CONTRACT WORK.

NO.	DATE	ISSUED FOR	BY

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

SEAL

STATE OF NEW YORK — WILLIAM SCHMIDT — 096594 — LICENSED PROFESSIONAL ENGINEER

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
REMOVAL AND DEMOLITION PLAN - 1

DESIGNED BY	DRAWN BY		CHECKED BY
SC/SM	SC/SM		WS
B-SCAN	SCALE 1" = 20'	DRAWING NO. C105	CONTRACT NO. ----
	DATE NOV 2026		SHEET No. 22 OF 35 SHEETS

BLOCK 3907
LOT 900

MATCHLINE - SEE DRAWING NO. C105

EXISTING CATCH BASIN #4 TO BE MAINTAINED DURING CONSTRUCTION

LOCATION OF CONSTRUCTION SIGN ON FENCE

TEMPORARY CONSTRUCTION FENCE 23 LF TOTAL, SEE DETAIL 2, SHEET C500

CONSTRUCTION LIMIT LINE

EXISTING CATCH BASIN #5 TO BE MAINTAINED DURING CONSTRUCTION

CONTRACTOR SHALL INSTALL TEMPORARY COLLISION PROTECTION BARRIERS AROUND THE PERIMETER OF FLAGPOLE. MEANS AND METHODS WILL BE DETERMINED BY CONTRACTOR AND WILL REQUIRE APPROVAL BY ENGINEER. THE COST OF TEMPORARY COLLISION PROTECTION BARRIERS SHALL NOT BE PAID UNDER A SEPARATE ITEM BUT SHALL BE CONSIDERED INCIDENTAL TO THE WORK.

LEGEND

- SAWCUT LIMIT
- TEMPORARY CONSTRUCTION FENCE — CF
- PIPE REMOVAL
- CONSTRUCTION LIMIT LINE — CLL
- FULL DEPTH PAVEMENT REMOVAL
- COLLISION PROTECTION BOUNDARY

CONSTRUCTION SEQUENCING:

1. INSTALL TEMPORARY CONSTRUCTION FENCE (SEE DETAIL 2, SHEET C500)
2. INLET DRAIN PROTECTION (SEE DETAIL 1, SHEET C500) SHALL BE USED ON ALL INLET DRAINS ADJACENT TO AND DOWNSTREAM OF CONSTRUCTION AREA.
3. SHEETING AND BRACING SHALL BE INSTALLED FOR ALL EXCAVATIONS DEEPER THAN 5 FEET.
4. CONSTRUCTION FENCE SHOWN IS APPROXIMATE OUTER LIMITS. FENCED AREA SHALL BE REDUCED IF AN AREA IS COMPLETED TO ALLOW PEDESTRIAN ACCESS.
5. EXCAVATION AND INSTALLATION OF GREEN INFRASTRUCTURE PRACTICES SHALL BE PERFORMED, ALONG WITH ALL ASSOCIATED APPURTENANCES. HAND/PNUEMATIC EXCAVATION SHALL BE PERFORMED IN AREAS WHERE PAVEMENT NEEDS TO BE REMOVED WITHIN THE CRITICAL ROOT ZONES OF TREES.
6. PAVING IN THE WORK AREA SHALL BE RESTORED. PAINT MARKINGS IN WORK AREAS SHALL BE REPLACED IN KIND.
7. EROSION AND CONTROL MEASURES AND CONSTRUCTION FENCE SHALL BE REMOVED.
8. EXISTING UNDERGROUND SITE DRAINAGE AND SEWER PIPES SHALL BE CLEANED OUT UPON COMPLETION OF THE CONTRACT WORK.

10 0 10 20
SCALE: 1" = 20'

NO.	DATE	ISSUED FOR	BY

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

SEAL: STATE OF NEW YORK — SCOTT A. SLATER — 096594 — LICENSED PROFESSIONAL ENGINEER

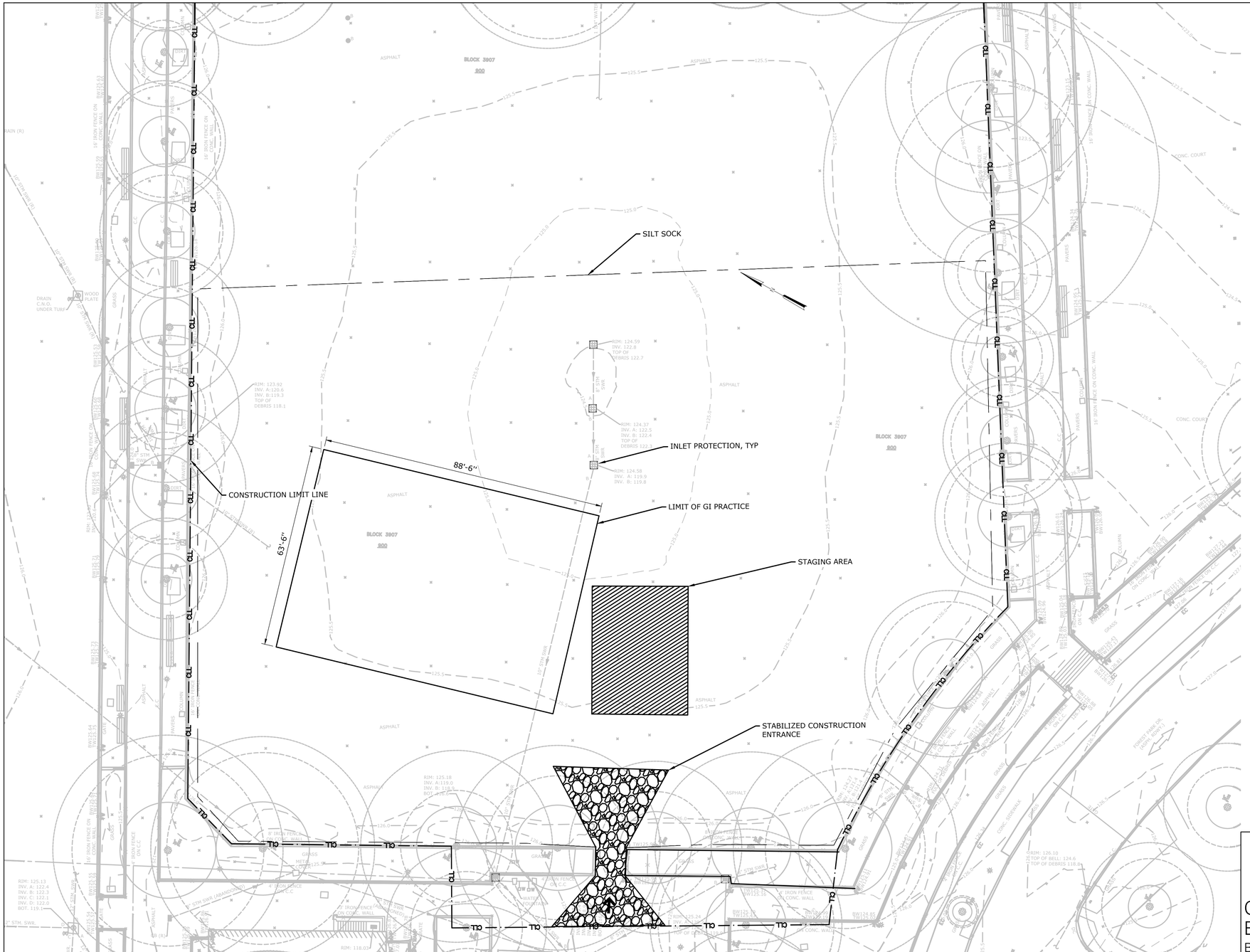
BLOCK 3907
LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
REMOVAL AND DEMOLITION PLAN - 2

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM	SC/SM	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 20'	C106	----
	DATE: NOV 2026		SHEET No. 23 OF 35 SHEETS



LEGEND

- TREE DRIPLINE
- TREE CRITICAL ROOT ZONE
- STAGING AREA
- CONSTRUCTION ACCESS/ENTRANCE
- CONSTRUCTION LIMIT LINE
- TEMPORARY CONSTRUCTION FENCE
- GREEN INFRASTRUCTURE PRACTICE
- INLET PROTECTION
- SILT SOCK

5 0 5 10
SCALE: 1" = 10'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks
CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL
STATE OF NEW YORK
SAMUEL CASTRO
096594
LICENSED PROFESSIONAL ENGINEER

BLOCK 3907
LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
EROSION & SEDIMENT CONTROL PLAN

DESIGNED BY	DRAWN BY		CHECKED BY
SC	SC		WS
B-SCAN	SCALE: 1" = 10'	DRAWING NO.: C107	CONTRACT NO.: ----
	DATE: NOV 2026		SHEET No. 24 OF 35 SHEETS

MANHOLE #1
TRIBUTARY AREA = 66,831 SF

SEE DRAWING NO. C201

Q015–01SS

66,831 SF	83,327.1 GAL	83,803.6 GAL

LEGEND

- GREEN INFRASTRUCTURE PRACTICE
- PROPOSED STORM DRAIN
- DRAINAGE AREA
- PROPOSED PERFORATED STORM DRAIN
- CLEANOUT
- FLOW DIRECTION (FLOW)
- OUTLET CONTROL STRUCTURE
- MANHOLE
- GREEN INFRASTRUCTURE CHARACTERISTICS

GI NAME

TRIBUTARY AREA	VOLUME OF 2" STORM	CAPACITY MANAGED

10 0 10 20
SCALE: 1" = 20'

GI ID	GI Asset Data					Stormwater Storage Calculations				Total Stormwater Managed (Infiltration + Storage)				
							Stone Subbase							
	Managed Impervious Tributary Area	Volume 2" Rainfall on Impervious Area	GI Footprint Surface Area	GI Perimeter	Permeability Coefficient	Stormwater chambers, pipes, tanks, etc. volume	Stone Depth	Stone Voids	Stormwater Captured by Stone Layer	Estimated Total Infiltration Volume	Estimated Total Storage Volume	% Impervious Surface Managed	Calculated Volume of Rainfall Captured	Calculated Volume of Rainfall Captured
	sf	cf	sf	ft	in/hr	cf	ft	%	cf	cf	cf	%	cf	gal
01SS	66,831	11,138.5	5,641	302	1.77	5508.00	3.50	40	5,694.2	3,328.2	11,202.2	101%	14,530.4	108,687.3

NO.	DATE	ISSUED FOR	BY

NYC Environmental Protection
CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks
CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

SEAL: STATE OF NEW YORK · MARIO M. CUOMO · LICENSED PROFESSIONAL ENGINEER · 096594

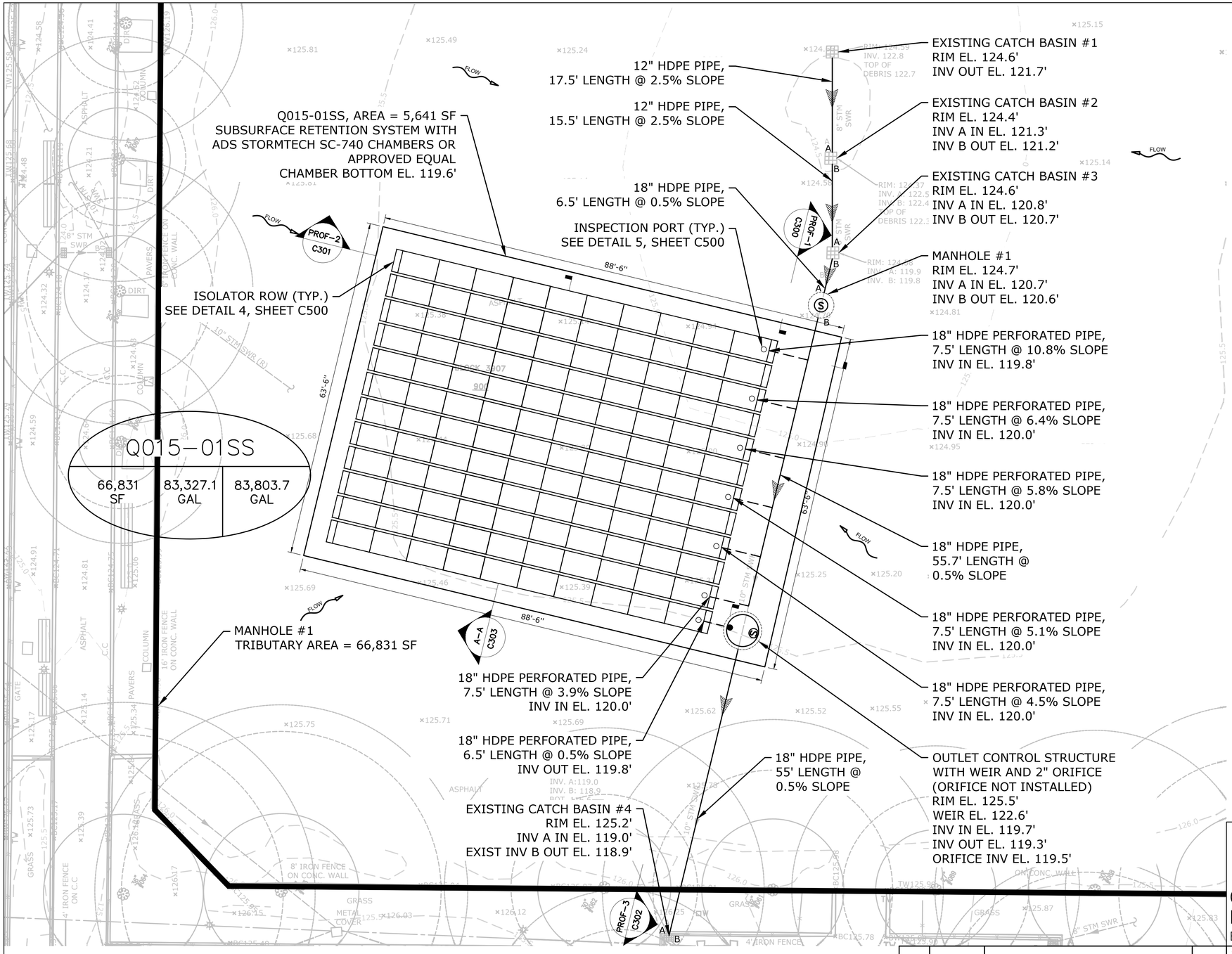
PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
PROPOSED GREEN INFRASTRUCTURE LAYOUT PLAN - 1

DESIGNED BY	DRAWN BY	CHECKED BY
SC	SC	WS

B-SCAN

SCALE: 1" = 20'
DRAWING NO.: C200
CONTRACT NO.: ----
DATE: NOV 2026
BLOCK: 3907
LOT: 900
SHEET No. 25 OF 35 SHEETS



LEGEND

- GREEN INFRASTRUCTURE PRACTICE
- PROPOSED STORM DRAIN
- DRAINAGE AREA
- PROPOSED PERFORATED STORM DRAIN
- CLEANOUT
- FLOW DIRECTION
- OUTLET CONTROL STRUCTURE
- MANHOLE
- GREEN INFRASTRUCTURE CHARACTERISTICS

GI NAME

TRIBUTARY AREA	VOLUME OF 2" STORM	CAPACITY MANAGED

5 0 5 10

SCALE: 1" = 10'

GI ID	GI Asset Data					Stormwater Storage Calculations				Total Stormwater Managed (Infiltration + Storage)				
							Stone Subbase							
	Managed Impervious Tributary Area	Volume 2" Rainfall on Impervious Area	GI Footprint Surface Area	GI Perimeter	Permeability Coefficient	Stormwater chambers, pipes, tanks, etc. volume	Stone Depth	Stone Voids	Stormwater Captured by Stone Layer	Estimated Total Infiltration Volume	Estimated Total Storage Volume	% Impervious Surface Managed	Calculated Volume of Rainfall Captured	Calculated Volume of Rainfall Captured
	sf	cf	sf	ft	in/hr	cf	ft	%	cf	cf	cf	%	cf	gal
01SS	66,831	11,138.5	5,641	302	1.77	5508.00	3.50	40	5,694.2	3,328.2	11,202.2	101%	14,530.4	108,687.3

NO.	DATE	ISSUED FOR	BY

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

SEAL

STATE OF NEW YORK — 096594 — LICENSED PROFESSIONAL ENGINEER

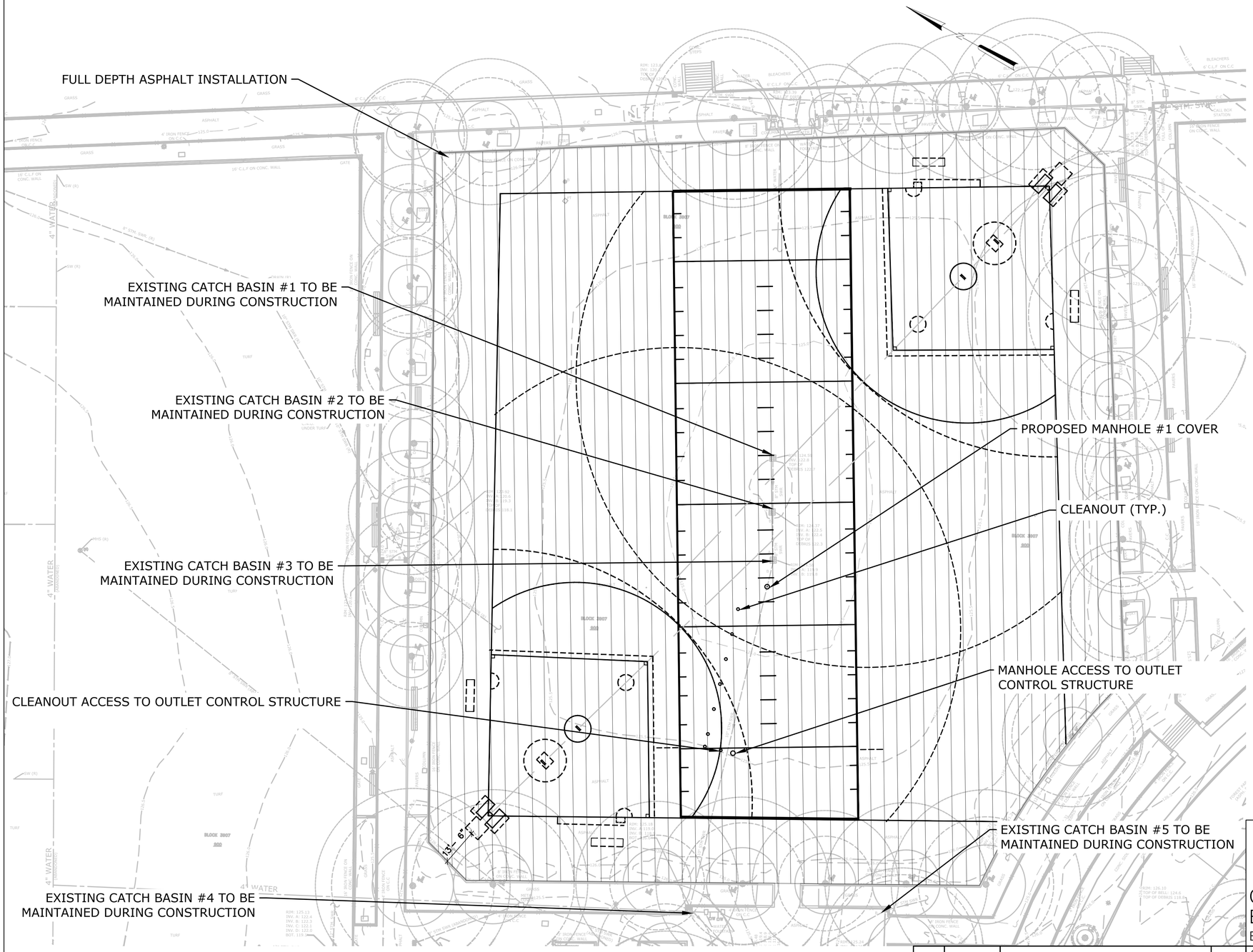
BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
PROPOSED GREEN INFRASTRUCTURE LAYOUT PLAN - 2

DESIGNED BY	DRAWN BY		CHECKED BY
SC	SC		WS
B-SCAN	SCALE 1" = 10'	DRAWING NO. C201	CONTRACT NO. ----
	DATE NOV 2026		SHEET No. 26 OF 35 SHEETS



10 0 10 20
SCALE: 1" = 20'

LEGEND

- CLEANOUT
- GI INLET GRATE
- MANHOLE COVER
- FULL DEPTH ASPHALT INSTALLATION

NOTE #1: IF CATCH BASIN STRUCTURE, CATCH BASIN GRATE, AND/OR ASSOCIATED PIPING IS DAMAGED DURING ANY CONSTRUCTION PHASE INCLUDE RESTORATION, THE CONTRACTOR SHALL REPLACE STRUCTURE, GRATE, AND/OR PIPING AT THE CONTRACTOR'S EXPENSE.

NOTE #2: SEE C502 FOR NYC PARKS WHEELCHAIR SOFTBALL FIELD AND WHEELCHAIR FOOTBALL FIELD LINE PAINTING LAYOUT SPECIFICATIONS DURING RESTORATION.

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL
STATE OF NEW YORK
WILLIAM SCHOR
096594
LICENSED PROFESSIONAL ENGINEER

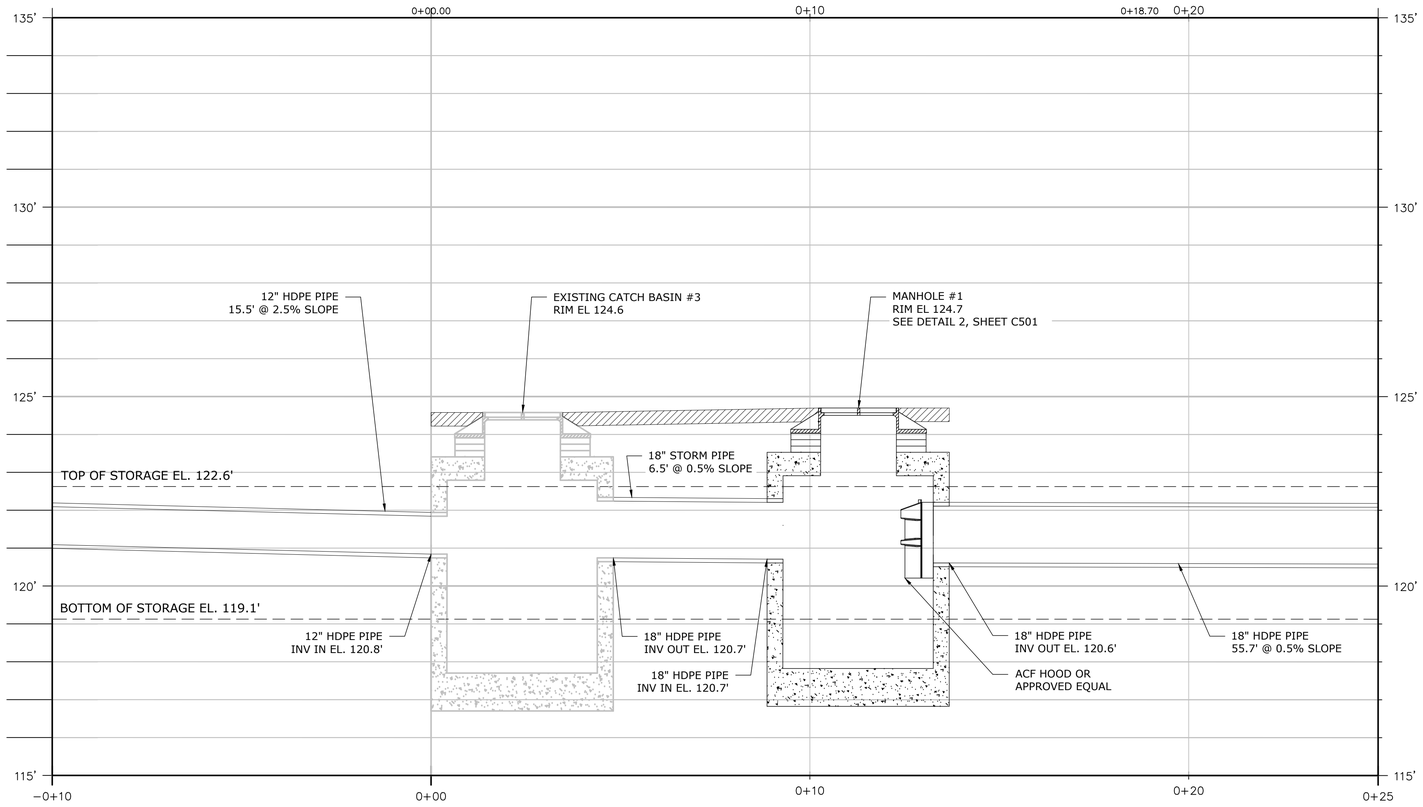
BLOCK 3907
LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
MATERIALS PLAN

DESIGNED BY	DRAWN BY	CHECKED BY
SC/SM	SC/SM	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 20'	C202	----
	DATE: NOV 2026		SHEET No. 27 OF 35 SHEETS



PROFILE 1: MANHOLE #1 CONNECTION TO EXISTING CATCH BASIN #3
Scale: 1" = 2'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL
STATE OF NEW YORK
WILLIAM SCHMIDT
096594
LICENSED PROFESSIONAL ENGINEER

BLOCK
3907

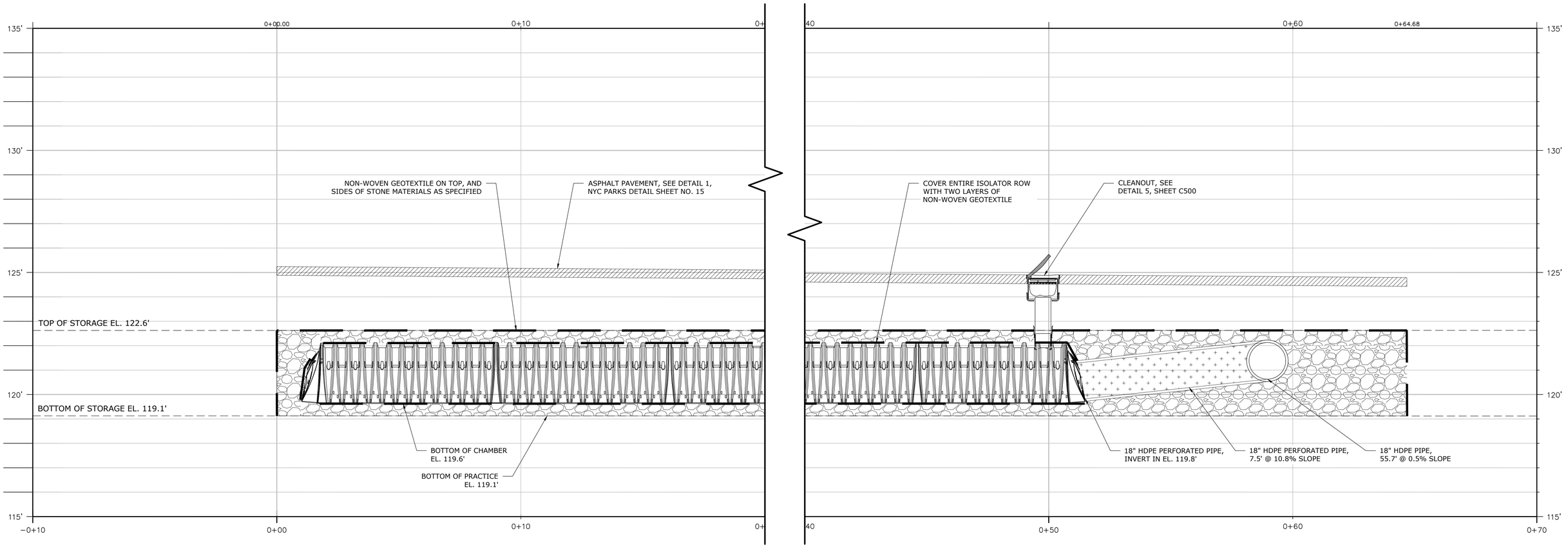
LOT
900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
SECTIONS & PROFILES - 1

DESIGNED BY	DRAWN BY	CHECKED BY
SC	SC	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 2'	C300	----
	DATE: NOV 2026		SHEET No. 28 OF 35 SHEETS



PROFILE 2: MANIFOLD CONNECTION TO ISOLATOR ROW
Scale: 1" = 2'

Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

STATE OF NEW YORK — 096594 — LICENSED PROFESSIONAL ENGINEER

BLOCK 3907

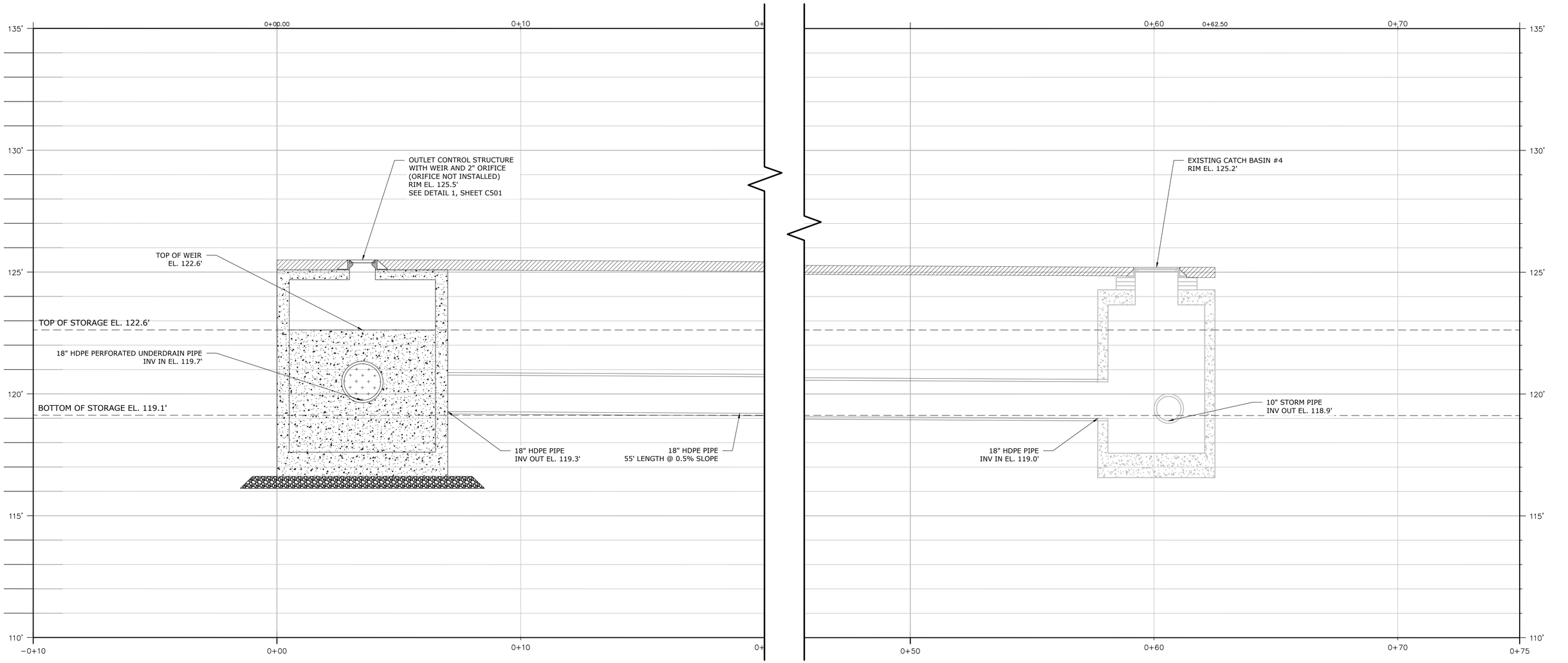
LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
SECTIONS & PROFILES - 2

DESIGNED BY	DRAWN BY	CHECKED BY
SC	SC	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1" = 2'	C301	----
	DATE: NOV 2026		SHEET No. 29 OF 35 SHEETS



PROFILE 3: OCS CONNECTION TO EXISTING CATCH BASIN #4

Scale: 1" = 2'

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

STATE OF NEW YORK
WILLIAM A. SCHMIDT
096594
LICENSED PROFESSIONAL ENGINEER

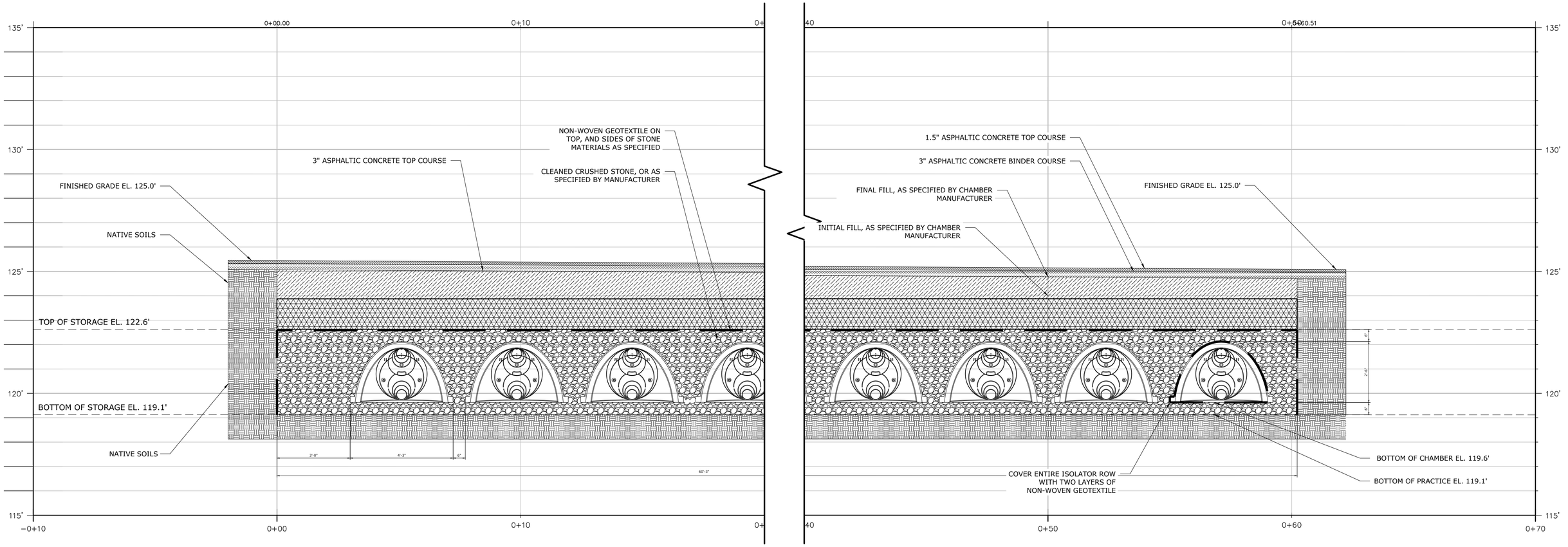
BLOCK 3907

LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
SECTIONS & PROFILES - 3

DESIGNED BY	DRAWN BY		CHECKED BY
SC	SC		WS
B-SCAN	SCALE 1" = 2'	DRAWING NO. C302	CONTRACT NO. ----
	DATE NOV 2026		SHEET No. 30 OF 35 SHEETS



CROSS SECTION A-A
Scale: 1" = 2'

Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

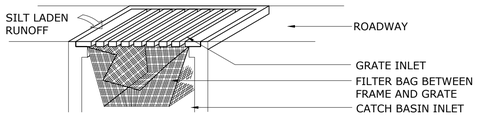
STATE OF NEW YORK — ANDREW J. SCHWARTZ — 098594 — LICENSED PROFESSIONAL ENGINEER

BLOCK 3907
LOT 900

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
SECTIONS & PROFILES - 4

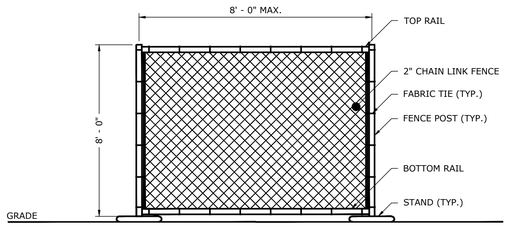
DESIGNED BY	DRAWN BY		CHECKED BY
SC	SC		WS
B-SCAN	SCALE: 1" = 2'	DRAWING NO.: C303	CONTRACT NO.: ----
	DATE: NOV 2026		SHEET No. 31 OF 35 SHEETS



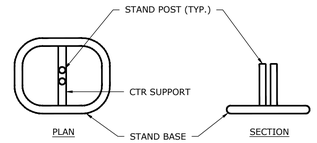
NOTE:
1. IN PAVED AREAS, USE FILTER BAG FOR INLET PROTECTION (NO MESH, BOX STONE REQUIRED).
2. FILTER BAG SHALL BE MANUFACTURED FROM A WOVEN POLYPROPYLENE GEOTEXTILE AND SEWN BY A DOUBLE NEEDLE MACHINE USING A HIGH STRENGTH NYLON THREAD.
3. BAG SHALL BE SILTSACK® BY ACF ENVIRONMENTAL, OR EQUAL, AS APPROVED BY THE ENGINEER.

MAINTENANCE REQUIREMENTS:
1. INSPECT GRATE AND BAG ON A WEEKLY BASIS AND AFTER EACH RAINFALL EVENT PRODUCING ½ INCH OR MORE OR RAIN. ANY DEBRIS OR SEDIMENT VISIBLE SHALL BE REMOVED IMMEDIATELY.
2. DAMAGE TO THE BAG SHALL BE REPAIRED IMMEDIATELY.
3. WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE, THE BAG IS FULL AND SHOULD BE EMPTIED.
4. USE 1" DIAMETER REBAR TO SLIDE THROUGH THE LIFTING LOOPS/POCKETS ON EACH SIDE OF THE BAG TO FACILITATE LIFTING.
5. REMOVE SEDIMENT FROM BAG AND DISPOSE OF OFF-SITE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.

1 INLET PROTECTION
SCALE:NTS



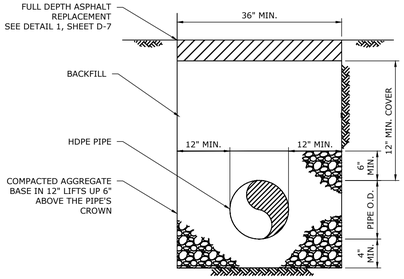
SECTION



STAND DETAIL

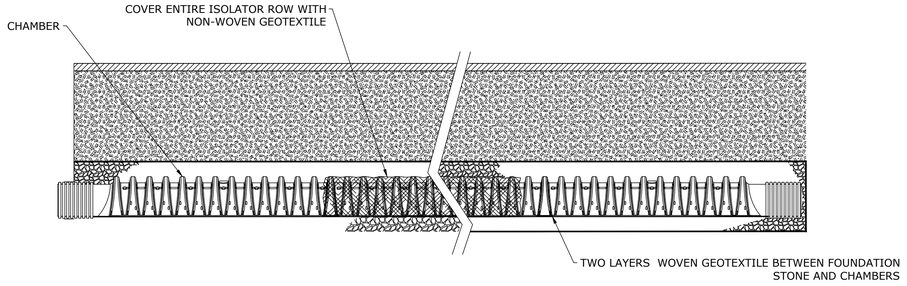
NOTES:
1. CONTRACTOR SHALL PROVIDE, AT A MINIMUM, TEMPORARY FENCE WITH DIMENSIONS AND APPURTENANCES AS SHOWN.
2. ALL OTHER DIMENSIONS, MATERIAL SIZES, MATERIAL TYPES, ACCESSORIES, ETC PER MANUFACTURER.
3. TEMPORARY FENCE SHALL REMAIN IN PLACE UNTIL CONCLUSION OF CONSTRUCTION.
4. SAND BAGS SHALL BE USED FOR POST SUPPORT IN ACCORDANCE WITH SPECIFICATIONS.

2 TEMPORARY CONSTRUCTION FENCE
SCALE:NTS

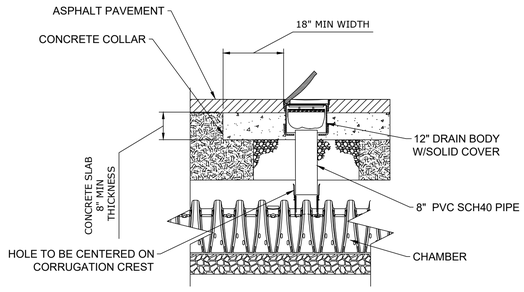


NOTE:
1. TRENCHING WITHIN EXISTING ASPHALT PAVEMENT REQUIRES FULL DEPTH ASPHALT PAVEMENT REPLACEMENT AND RESTORATION

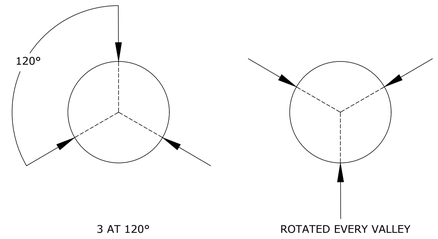
3 TRENCH RESTORATION
SCALE:NTS



4 ISOLATOR ROW
SCALE:NTS



5 INSPECTION PORT
SCALE:NTS



NOTE:
1. CLASS II PERFORATIONS SHALL BE LOCATED IN THE OUTSIDE VALLEYS OF CORRUGATED HDPE PIPE. PERFORATION PATTERN SHOWN FOR HDPE PIPE UP TO 10 INCHES IN DIAMETER.

6 AASHTO CLASS II PERFORATION PIPE
SCALE:NTS

Environmental Protection
CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks
CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL: STATE OF NEW YORK · 096594 · LICENSED PROFESSIONAL ENGINEER

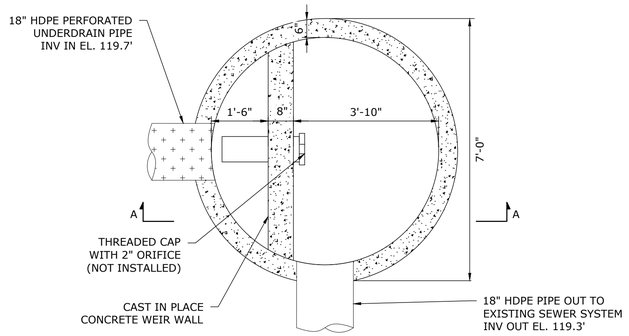
PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
DETAILS - 1

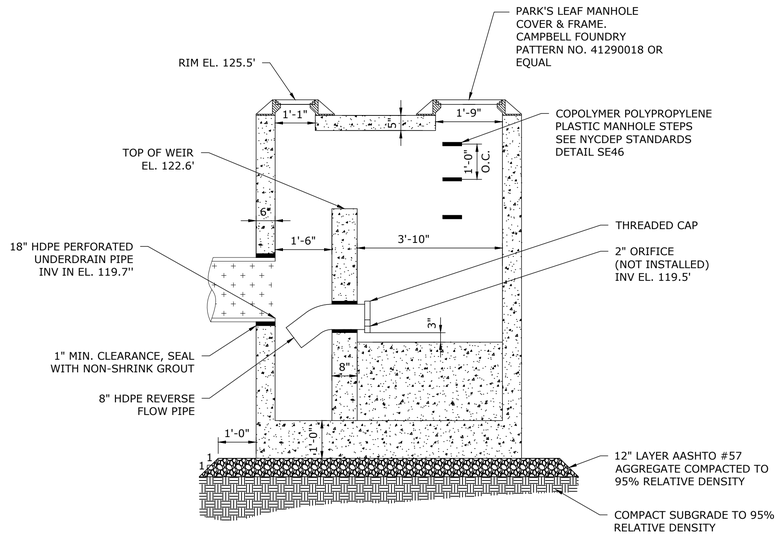
DESIGNED BY	DRAWN BY	CHECKED BY
SC	SC	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	NTS	C500	----
	DATE: NOV 2026		SHEET No. 32 OF 35 SHEETS

BLOCK 3907
LOT 900

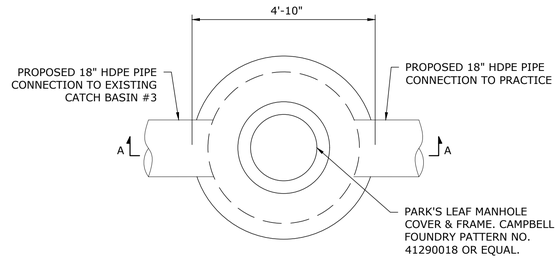


PLAN

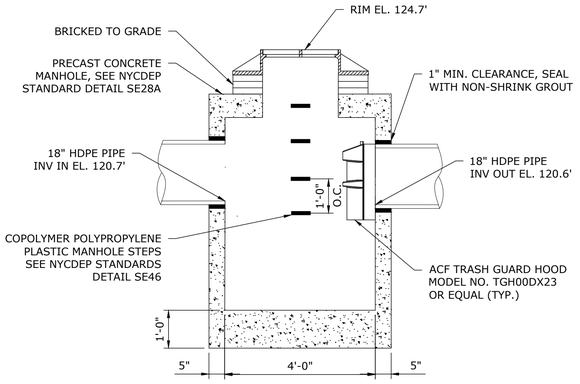


SECTION A-A

1 OUTLET CONTROL STRUCTURE
SCALE: 1" = 2'



PLAN



SECTION A-A

2 MANHOLE #1
SCALE: 1" = 2'

Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL

STATE OF NEW YORK · WASHINGTON · LICENSED PROFESSIONAL ENGINEER · 096594

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
DETAILS - 2

DESIGNED BY	DRAWN BY	CHECKED BY
SC	SC	WS

B-SCAN

SCALE: 1" = 2'

DRAWING NO.: C501

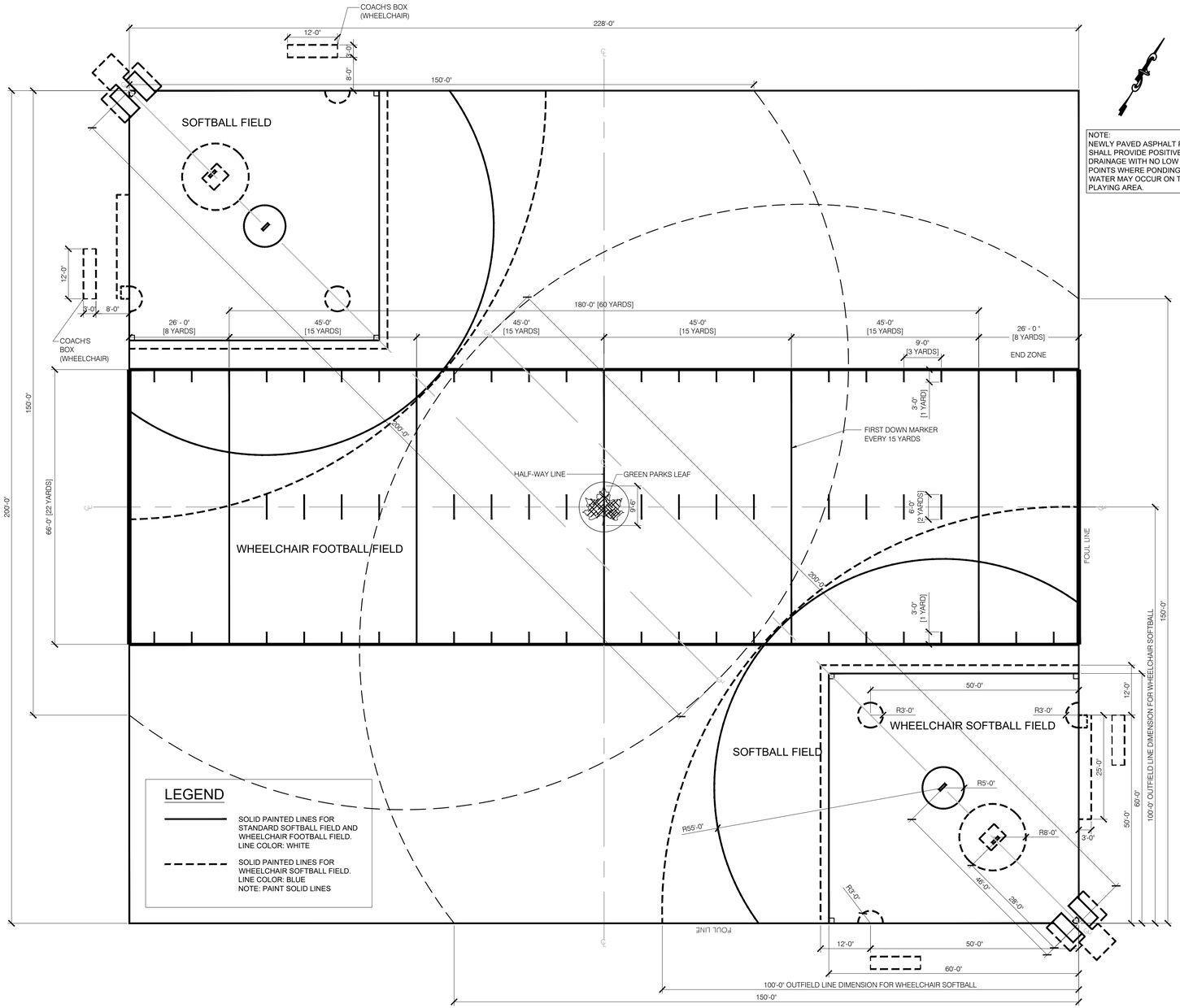
CONTRACT NO.: ----

BLOCK: 3907

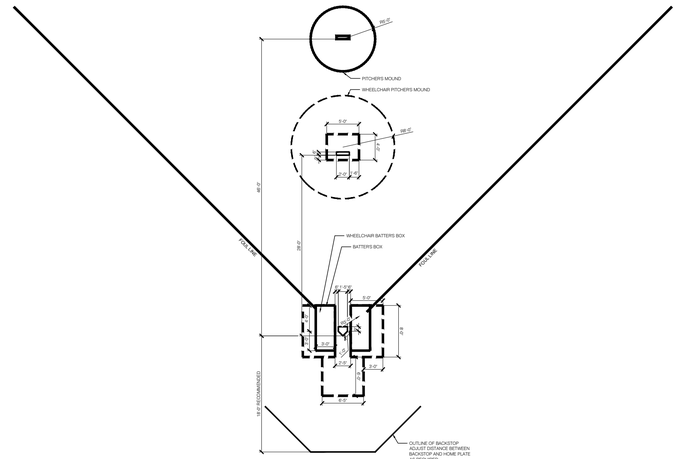
LOT: 900

DATE: NOV 2026

SHEET No. 33 OF 35 SHEETS



1 WHEELCHAIR SOFTBALL FIELD & WHEELCHAIR FOOTBALL FIELD LAYOUT
SCALE: NTS



2 PITCHER'S MOUND AND BATTER'S BOX
SCALE: NTS

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL
STATE OF NEW YORK — MARK D. STEVELMAN — 096594 — LICENSED PROFESSIONAL ENGINEER

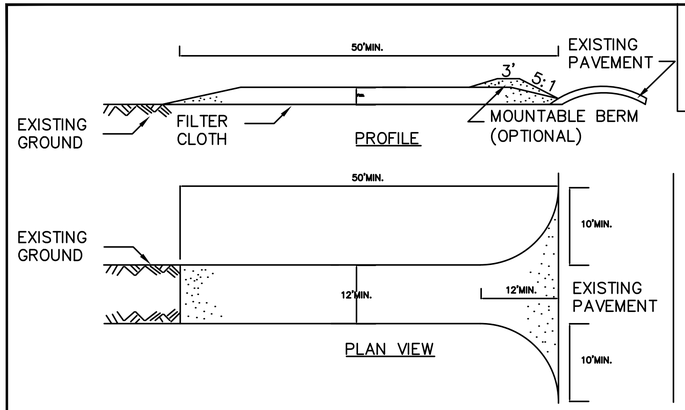
PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
DETAILS - 3

DESIGNED BY	DRAWN BY	CHECKED BY
SM	SM	WS

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	NTS	C502	----
	DATE NOV 2026		SHEET No. 34 OF 35 SHEETS

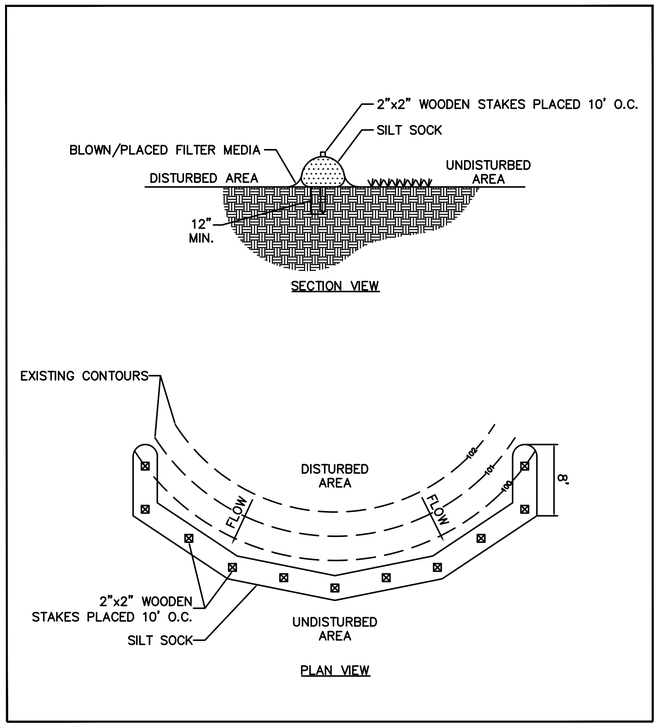
BLOCK 3907
LOT 900



SYMBOL

CONSTRUCTION SPECIFICATIONS

1. STONE SIZE – USE 1–4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY–FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CON–STRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS–OF–WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS–OF–WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



1. SOCK FABRIC SHALL MEET STANDARDS OF TABLE 5.1. COMPOST SHALL MEET THE STANDARDS LISTED ON OF TABLE 5.2.
2. COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT (FIGURE 5.2). MAXIMUM SLOPE LENGTH ABOVE ANY SOCK SHALL NOT EXCEED THAT SHOWN ON FIGURE X.X. STAKES MAY BE INSTALLED IMMEDIATELY DOWNSLOPE OF THE SOCK IF SO SPECIFIED BY THE MANUFACTURER.
3. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
4. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES HALF THE ABOVEGROUND HEIGHT OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
5. SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
6. BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
7. UPON STABILIZATION OF THE AREA TRIBUTART TO THE SOCKS, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

NYC Environmental Protection

CITY OF NEW YORK
ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis

NYC Parks

CITY OF NEW YORK
PARKS & RECREATION
Forestry, Horticulture and Natural Resources

NO.	DATE	ISSUED FOR	BY

SEAL
STATE OF NEW YORK – MARK A. SALLOUM – 096594 – LICENSED PROFESSIONAL ENGINEER

BLOCK 3866
LOT 70

PROJECT TITLE
ON-SITE GREEN INFRASTRUCTURE DESIGN
FOREST PARK - VICTORY FIELD
LOCATED ON WOODHAVEN BLVD AND MYRTLE AVE, QUEENS, NY 11421

DRAWING TITLE
DETAILS-4

DESIGNED BY	DRAWN BY	CHECKED BY
B-SCAN	SCALE	DRAWING NO. C503
	DATE NOV 2026	CONTRACT NO.
		SHEET No. 35 OF 35 SHEETS