



NYC Parks

Christopher S. Adkins
Agency Chief Contracting Officer

T 718.760.6789

F 718.760.6885

E christopher.adkins@parks.nyc.gov

City of New York
Parks & Recreation

The Olmsted Center
Flushing, NY 11368
www.nyc.gov/parks

July 23, 2026

Addendum # 3

EPIN: 84626B0083 MG-40550-117MA Mannahatta Park Recon

Please be advised of the following revisions to the contract documents:

PassPort Bid Item Prices:

- Item No. 108 - Removals (N.T.E. \$25,000)
- Item No. 109 - Steel Pipe Bollards (Fixed): Estimated quantity shall be (4) Each
- Item No. 110 - Steel Pipe Bollards (Removable): Estimated quantity shall be (4) Each

Specifications Changes:

- Replace Item No. 62 - Concrete Pavers on Asphalt Base with Item No. 62 - Concrete Pavers on Asphalt Base – Custom. Delete pages 548-552 and replace with pages 548R – 552R. See attached
- Add Item No.108: Removals (N.T.E. \$25,000): Add Pages 636 & 637. See attached
- Add Item No 109: Steel Pipe Bollard -30” HT. (Fixed): Add Pages 638-640. See attached
- Add Item No 110: Steel Pipe Bollard -30” HT. (Removable): Add Pages 638-640. See attached

Contract Drawing Changes:

- Remove Sheet No. 19 - Enlargements and replace with Sheet No. 19R1 -Enlargements which has added language clarifying concrete paver type, size, estimated area and color. See attached

Clarifications:

- Concrete paver details are identified and colors referenced to manufacturers' colors.
- Concrete curbs are to be removed and paid for under Item No.13. Fountain, Curbwall and Step removal are all to be paid for under Item No. 108 'Removals'.
- Mechanical Pit removals are to be paid under Item No. 108 'Removals'.

This concludes the Addendum.

All other terms and conditions remain unchanged.

By submitting a bid, you confirm receipt of all addenda.

Sincerely,

Jia Mei

Director of Competitive Sealed Bids

**ITEM NO. «MG-40550-
117MA PAVE ADD»
ITEM NO. 62A**

CONCRETE PAVERS ON ASPHALT BASE - CUSTOM

CONCRETE PAVERS ON SAND BASE

WORK: Under these Items, the Contractor shall furnish and install **CONCRETE PAVERS ON ASPHALT BASE – CUSTOM** and **CONCRETE PAVERS ON SAND BASE** in accordance with the plans, specifications, and directions of the Engineer.

MATERIALS:

Pavers: The pavers shall be manufactured from high quality, steam cured, pre-cast concrete having a minimum compressive strength of 7,500 p.s.i and maximum water absorption of 5 percent. Each type of pavers shall be as indicated on the plans or approved equal. Each type of pavers used shall be of the same thickness and manufacturer.

SAND METHOD:

Sand Base: Base sand shall consist of clean, hard durable, uncoated stone particles, free from lumps of clay and all deleterious substances and shall be graded when dry to meet the following:

<u>Screen Size</u>	<u>% Passing</u>
¼”	100
No. 50	35

Cushion sand may be rejected if it contains more than ten percent (10%) by weight of loam and silt.

Geotextile: Geotextile shall be synthetic, non-woven and rotproof having no tears or defects which adversely alter its physical properties. Geotextile used shall conform to the following properties:

	ASTM Test	
Elongation	D4632	>=50%
Grab Strength (min)	D4632	400 N
Tear Strength (min)	D4533	250N
Puncture Strength (min)	D4833	250N
Permittivity (min)	D4491	.21/sec
Apparent Opening Size (max)	D4751	.25 mm

Geotextile shall be similar to FX-50HS by Carthage Mills, Cincinnati, OH; 160N, as manufactured by Mirafi, Charlotte, NC; AEF 880, as manufactured by Boom Environmental Products, New Bedford, MA, or approved equal.

ASPHALT METHOD:

Base Course: The material for the base course shall meet the requirements of the latest edition of the N.Y.S Department of Transportation Standard Specifications Section 400 “Bituminous Pavement”

1. Asphalt Cement shall be 100 percent soluble in Trichloroethylene.
2. The mixing and placing temperature shall be 250° to 325°F
3. The Viscosity of the asphalt shall be AC 20
4. The mix shall have a minimum Marshall Stability of 500 lbs., flow of 8 to 16, and percent of air voids 3 to 5

COMPOSITION OF ASPHALT TYPE 3

<u>SCREEN SIZE</u>	<u>GENERAL LIMITS % PASSING</u>	<u>JOB MIX TOTAL %</u>
1 1/2"	100	---
1"	95-100	---
1/2"	70-90	+/-6
1/4"	48-74	+/-7
1/8"	32-62	+/-7
No. 20	15-39	+/-7
No. 40	8-27	+/-7
No. 80	4-26	+/-4
No. 200	2-8	+/-2
Asphalt Content, %	4.5-6.5	+/-0.4

Bituminous Setting Bed: Asphalt cement to be used in the bituminous setting bed shall conform to PGA 64-22, ASTM D6373 for Performance Graded Asphalt.

The fine aggregate to be used in the bituminous setting bed shall be clean, hard sand with durable particles and free from adherent coatings, lumps of clay, alkali salts and organic matter. It shall be uniformly graded from "course" to "fine" and all passing the No. 4 sieve and meet the gradation requirements when tested in accordance with the standard method of test for sieve or screen analysis of fine and course aggregates ASTM C136.

The dried fine aggregate shall be combined with hot asphalt cement, and the mix shall be heated to approximately 300° F. at an asphalt plant. The approximate proportion of materials shall be seven (7%) percent cement asphalt and ninety-three (93%) percent fine aggregate. Each ton shall be apportioned by weight in the approximate ratio of 145-lbs. asphalt to 1,855-lbs. sand. The Contractor shall determine the exact proportions to produce the best possible mixture for construction of the bituminous setting bed to meet construction requirements.

Tack Coat: Tack coat shall be # 237 2% Neo-Asphalt, Brush Grade as manufactured by Hanover Architectural Products, Hanover, PA, or approved equal. Tack coat shall be an asbestos free, cold applied, rubberized asphalt cement, and shall consist of two percent (2%) neoprene rubberized asphalt with 150° softening point and 6.5 percent (6.5%) inorganic material.

Inspection: Equipment, materials and preparation of the mixtures will be subject to inspection and approval at the refineries and plant as may be directed. In conjunction therewith, the Contractor shall employ the services of an approved inspection service for the purpose of providing plant certification of the asphalt pavement mixture conformance to these specifications. The inspection services shall be under the jurisdiction of and shall report directly to the Engineer for approval

Tests: Unless otherwise specifically provided, tests of materials shall be made in accordance with the latest specifications of the ASTM.

Transportation: Shipments of material shall be made in tight vehicles previously cleaned of all foreign material, and delivered to the work, so that it will not become contaminated in any way.

INSTALLATION:

Placement: The pattern for placement of pavers shall be that indicated on plans or implied by shape of paver. All edges, borders and corners of paved areas shall be finished to true and neat lines. Pavers shall be clean of all adhering material

when placed. Pavers which, in the opinion of the Engineer, are not satisfactorily clean shall be well washed before being placed.

Testing: After a sufficient area of pavement has been laid, as determined by the Engineer, the surface shall be tested with a ten foot straight edge laid parallel with the center line and any depression exceeding one-quarter (1/4) inch shall be corrected and brought to the proper grade. All stones disturbed in making replacements or correcting depressions shall be settled into place by carefully ramming or tamping to grade by the use of a hand tamper applied upon a two (2") inch board.

SAND METHOD:

Preparation: The Contractor shall trim and roll the subgrade to smooth, uniform lines to the satisfaction of the Engineer, prior to placing the pavement. The Contractor shall place geotextile over the prepared subgrade, overlapping edges a minimum of six inches (6") to ensure complete coverage prior to placing the sand base.

Sand Base: The pavers shall be laid on a sand base with a maximum thickness of one inch (1"). The sand cushion shall be compacted by rolling with a roller weight of one hundred fifty pounds (150 lbs.) per foot of width, or by tamping as directed by the Engineer.

Placement of Pavers: The pavers shall be carefully laid on the sand base and shall be solidly rammed in position. Pavers shall be hand-tight. All edges, borders and corners of paved areas shall be finished to true and neat lines. Cutting of pavers to meet pattern requirements and location limitations will be permitted subject to approval of the Engineer.

Finish: After pavers are installed, sand shall be swept into resulting joints. Pavers shall be vibrated with a plate-type compactor forcing sand to settle. Process shall be repeated until joints are full to satisfaction of the Engineer. Excess sand shall be removed.

ASPHALT METHOD:

Subgrade Preparation: The subgrade shall be compacted with equipment that will yield the following density:

Cohesive Subgrade -	Minimum of 95% of AASHO T 180 Method D density
Cohesionless Subgrade -	Minimum of 100% of AASHO T 180 Method D density

The Contractor shall remove from the subgrade all debris, foreign and other undesirable material which interferes with satisfactory construction. The fine grade shall not be muddy or otherwise unsatisfactory when the base course material is placed upon it. If the fine grade becomes rutted or displaced, due to any cause whatsoever, the Contractor shall regrade same without additional payment.

Spreading of Base Course: The asphalt cement base course shall be laid by means of a mechanical spreader of approved design to a depth, which after compaction, shall be equal to the specified depth. In areas where the use of a mechanical spreader is impractical, as determined by the Engineer, other approved means of spreading and compacting may be permitted. The use of hand rakes will not be permitted. The Contractor shall use lutes where necessary.

Rolling of Base Course: The asphalt concrete base course when properly spread shall be rolled with one or more approved power driven rollers weighing not less than 10 tons. Rolling shall proceed continuously not in excess of the following rates:

<u>Method of Placement</u>	<u>Square Yd/Hr/Roller</u>
Hand	800
Machine	1200

After final compaction, the base course shall have a density of not less than 95% of the theoretical maximum density as calculated in accordance with Appendix B of the Asphalt Institute Manual, MS-2.

After compaction, the base course shall be checked for depressions and high spots. The Contractor shall check the entire surface using a ten foot (10') wood or metal straight edge. Any depressions or high spots greater than three-sixteenths of an inch (3/16") shall be satisfactorily corrected or the course relaid at no additional cost to the City.

Installation of Bituminous Setting Bed: To install the setting bed over the surface of the base, place three-quarter inch (3/4") deep control bars directly over the base course. If grades must be adjusted, set wood chocks under depth control bars to proper grade. Set two bars parallel to each other approximately 11 feet long (2" x 6" board). The depth of control bars must be set carefully to bring the paver, when laid, to the proper grade.

Place some bituminous material between the parallel depth control bars. Pull this bed with the striking board over these bars several times. After each passage, low porous spots must be showered with fresh bituminous materials to produce smooth, firm and even setting bed. As soon as the initial panel is completed, advance the first bar to the next position in readiness for striking the next panel. Carefully fill any depressions that remain after removing the depth control bars and wood chocks. Bed shall be spread in a continuous workmanlike manner. Installation of base in spotted, different and isolated areas will not be accepted. Bed depth greater than one and one-eighth inch (1-1/8") will not be acceptable.

After setting bed has cooled, it shall be rolled by hand with a one hundred pound (100 lb.) roller to eliminate sponginess and to prepare the surface for the installation of the tack coat. Setting bed shall be protected against all pedestrian traffic and construction equipment to insure a level surface for setting pavers.

Tack Coat: The neoprene-modified asphalt adhesive tack coat shall be applied by mopping, squeegeeing, or troweling over the top of the bituminous setting bed so as to provide a bond between the bituminous setting bed and the paver.

Setting Pavers: When modified, asphalt adhesive is dry to touch, carefully place the pavers by hand, in straight course, with hand tight joints and uniform top surfaces, keeping full alignment according to the patterns shown on the plans or implied by the shape of the paver. In no case shall the bituminous setting bed in front of the pavement be disturbed or walked on during the laying of the blocks.

Joint Filler: Upon the completion of the work of laying the blocks in each section to the satisfaction of the Engineer, the surface of the blocks shall be swept clean, and the joints filled with a mixture of one (1) part Portland Cement and ten (10) parts sand thoroughly dry mixed in an approved batch mixer for not less than one and one-half (1-1/2) minutes.

All joints shall be filled the same day as the blocks are laid. Filler shall not be applied if the blocks are wet or if the air conditions are such that the filler does not readily enter the joints. Filler shall be well worked into the joints by means of squeegees or other approved devices operating slowly backward and forward. Squeegeeing shall continue until the joints are full. Immediately after the joints are filled, the pavement shall be swept clean.

DEFECTS: Where defects in composition, compression or finished appear in the complete work, such finished areas shall be removed to the full depth of the course and the defective material replaced with the required thickness of pavement at the expense of the Contractor for such removing and replacing.

COLD WEATHER: Asphalt base course shall be mixed and placed in accordance with minimum placement temperature as specified in the following table. Unless notified by the Engineer in writing, no material shall be mixed or placed when the temperature is at, or lower than 50° F.

MINIMUM PLACEMENT TEMPERATURES

	<u>MAT THICKNESS IN INCHES</u>					
<u>SURFACE</u>	<u>1/2"</u>	<u>3/4"</u>	<u>1"</u>	<u>1 1/2"</u>	<u>2"</u>	<u>3"</u>
<u>TEMP. (F)</u>	<u>TEMPERATURE OF THE MIX</u>					
+32-40	--	--	--	305	295	280
+40-50	--	--	310	300	285	275
+50-60	--	310	300	295	280	270
+60-70	310	300	290	285	275	265
+70-80	300	290	285	280	270	265
+80-90	290	280	275	270	265	260
+90	280	275	270	265	260	255
<u>ROLLING TIME MINUTES</u>	4	6	8	12	15	15

PRECIPITATION PROBABILITY: Placement of bituminous paving materials shall not be scheduled when the Precipitation Probability, obtained by the Contractor from the U.S. Weather Bureau within three (3) hours prior to the start of such operations, equals or exceeds fifty percent (50%). The Contractor shall notify the Engineer of the exact time at which the above information was obtained.

SAMPLES: The Contractor shall furnish two (2) samples of pavers before starting work for approval of the Engineer. Pavers used on site shall conform to the approved samples, in the opinion of the Engineer.

MEASUREMENT AND PAYMENT: The quantity of **CONCRETE PAVERS ON ASPHALT BASE – CUSTOM** or **CONCRETE PAVERS ON SAND BASE** to be paid for under these Items shall be the number of **SQUARE YARDS** of each type of pavement constructed in accordance with the plans, specifications, and directions of the Engineer.

The price bid shall be a unit price per **SQUARE YARD** of Concrete Pavers on Asphalt Base – Custom or Concrete Pavers on Sand Base in the work complete, and shall include furnishing of all labor, materials, equipment and expenses necessary to complete the work, including prepare the subgrade, geotextile, sand cushion or asphalt base and bituminous setting bed, neoprene adhesive, concrete paving units, and joint filler, all in accordance with the plans and specifications, to the satisfaction of the Engineer.

Excavation shall be paid for separately under its own contract item.

END OF PAGE

07/17/2026 CUSTOM \ MANAHATTA PARK

*J:\SPECIFICATIONS\DAVID C\004 - PROJECTS\PROJECT 2025\02-MG-40550-117MA Manhattan
Park\ADDENDUM\CONC PAVERS ON ASPHALT BASE - Custom.docx*

ITEM NO. 108

REMOVALS (N.T.E. \$25,000)

WORK: Under this Item, the Contractor shall undertake **REMOVALS** of all objectionable materials and obstructions whose removal is not included under any other contract Items from within the contract areas as shown on the contract drawings, in accordance with the specifications and the direction of the Engineer.

WASTE MANAGEMENT PLAN: Work under this item may not proceed until the Contractor submits a Waste Management Plan in accordance with Section C, Article “Waste Management Plan.”

DEFINITION OF REMOVALS: 'Removals' shall be defined as removal of structures that are encountered above the ground surface, including but not limited to the removal of fences, benches, fountains, play equipment, safety surfacing, tables, poles, and roller hockey dasher boards. Other site elements as shown on the Removals Plan shall also be removed from the site and disposed of in a legal manner as part of the bid price of this item. All parts and hardware deemed salvageable by the Engineer shall be delivered to a city storage yard specified or ordered by the Engineer, within the same borough as the site.

Footings, bases, steel fabric reinforced concrete, asphalt pavement, and foundations for the above mentioned removals shall be removed under the contract item "Unclassified Excavation". Reinforced concrete with steel bar reinforcement shall be paid for under the contract item “Removal of Steel Bar Reinforced Concrete.”

The Contractor shall exercise care to protect the adjacent existing curbs, lamp posts, and other structures to remain and shall be responsible for any damage they may cause them during construction. All other debris, refuse, solid waste, tires, wooden planks, junk of any nature, etc. shall also be removed from the site and disposed of in a legal manner.

UTILITIES: If the Contractor encounter any utilities or services during the performance of the work, they shall notify the City Department or Utility Company owning or controlling services to cut off these services. Any services cut off or interrupted by the Contractor's operations shall be restored at the Contractor's expense.

SUBMITTALS: All submittals shall be in accordance with the requirements of the General Conditions, Section C, Special Provisions, Article 11.

Waste Tracking Document: Completed copies of the waste tracking document recording all disposal activities shall be submitted after all disposal activity is complete.

MEASUREMENT AND PAYMENT: For performing all work required of **REMOVALS** in accordance with the plans, specifications, and directions of the Engineer, the Contractor shall receive the **LUMP SUM** price bid.

The price bid shall be a **LUMP SUM** for Removals and shall include the cost of all labor, materials, equipment, and incidental expenses necessary to complete the work in accordance with the plans and specifications, to the satisfaction of the Engineer.

The **LUMP SUM** price bid for this item shall not exceed «rmv_amt». In the event that a **LUMP SUM** price of more than «rmv_amt» is indicated in the bid for this item, the City will reduce said price to «rmv_amt» and make the necessary adjustment in the total bid price.

END OF PAGE

Rev. 05/27/2026 STANDARD

ITEM NO. 109
ITEM NO. 110

STEEL PIPE BOLLARD – 30" HT. (FIXED)
STEEL PIPE BOLLARD – 30" HT. (REMOVABLE)

WORK: Under this item, the Contractor shall furnish, erect, and powder coat **STEEL PIPE BOLLARD, FIXED** or **REMOVABLE**, in accordance with the plans, specifications, and directions of the Engineer.

MATERIALS: Steel Pipe Bollard shall be as manufactured by All City Play Equipment, Brooklyn, NY, Shannon Gates and Railings, Deer Park, NY, or approved equal.

All fittings and hardware shall be of the materials listed in the following schedule:

<u>PART</u>	<u>MATERIAL</u>
Post Caps	Malleable Iron - 3/16" thick
Drive Pins and Set Screws	Stainless Steel, 18-8
Flange	Pressed Steel
"U" Bolts	Pressed Steel, Extra Heavy-3/4" X 1/2"

Malleable iron castings shall be hot dipped galvanized in accordance with ASTM Serial Designation A-153 and powder coated per this specification.

Pressed steel fittings and appurtenances shall be powder coated and hot dipped galvanized in accordance with ASTM Serial Designation A-123.

Posts: Posts shall be extra strong galvanized steel pipe, 4" O.D. and shall conform to ASTM Serial Designation A53, Type S, Grade B, Schedule 80, except that pipe shall be unthreaded and untested for water pressure.

Sleeves: Sleeves shall be standard weight galvanized steel pipe, 5" I.D. and shall conform to ASTM Serial Designation A53, Type S, Grade B, Schedule 80, except that pipe shall be unthreaded and untested for water pressure.

Padlocks: One padlock shall be furnished for each removable bollard. The padlocks shall be Master Pro Series 6125LJ, as manufactured by Master Lock Company, or approved equal. All padlocks for the same park facility shall be keyed alike, with two and three-eighth inch (2 3/8") width, by three-quarter inch (3/4") thick laminated steel body, maximum security, five (5) pin tumblers with hardened boron alloy shackle no less than three-eighths inch (3/8") diameter, two and one-half inches (2 1/2") vertical clearance and 29/32" inches horizontal clearance. The Contractor shall furnish two (2) keys for each padlock.

Concrete: Concrete shall be placed as shown. Concrete shall conform to N.Y.C. Dept. Of Transportation class B-32, Type II A, air entrained, moderate sulphate resistant. The batch shall contain a minimum of six (6) bags of cement per cubic yard of concrete, maximum of 6¼ gallons of water per bag, a maximum of three (3") inch slump, and a minimum compressive strength of 3,200 psi. Large aggregate shall be limited to one (1") inch.

Cement: Air Entraining Portland Cement shall comply with the ASTM Specification for Portland Cement, Designation C150. It shall be Type IIA, Moderate Sulfate Resistant.

Fly Ash/GGBFS: A maximum of thirty (30 %) percent of Portland Cement content may be substituted with Fly Ash or Ground Granulated Blast Furnace Slag. Fly Ash shall conform to the requirements for Class F as defined by ASTM C618 – “Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete”. Ground Granulated Furnace Blast Slag (GGBFS) shall conform to the requirements for Grade 100 or 120 slag as defined by ASTM C989 – “Standard Specification for Slag Cement for Use in Concrete and Mortars”. Portland Cement substitutions that demonstrate the same or similar properties as Fly Ash/GGBFS shall be accepted pending DPR review and approval.

ERECTION: The posts for fixed bollards shall be set in concrete footings as shown on the plans or as directed by the Engineer. Once erected, steel pipe of the fixed bollard shall be filled with average concrete. The sleeves for removable bollards shall be set in concrete footings, as shown on the plans or as directed by the Engineer.

All posts and sleeves shall be set plumb and true to line and grade. Any post and sleeve not set true to line and grade shall be removed and replaced at the Contractor's expense. Bending posts to make them plumb will not be permitted.

POWDER COATING: The galvanized steel pipe and fittings shall be powder coated with TGIC-Polyester.

Galvanizing shall provide an acceptable substrate for applied powder coatings. No lacquer, urethane or other coatings which would prevent proper adhesion of powder coating shall be applied to the pipe and fittings.

The powder coating shall be applied to the galvanized pipe and fittings in such a manner that the coating will not peel off. Insure surfaces to be coated are clean and dry and free of grease, dust, rust, etc. All coated parts shall first receive phosphating and chromating treatments to improve the adhesion of the surface coating. Color to be black unless otherwise indicated on the plans. The TGIC-Polyester shall be applied at a film thickness of 3 to 4 mils by electrostatic spray process and bake finished per manufacturer's directions. The TGIC-Polyester shall be applied without voids, tears or cuts that reveal the substrate and shall thoroughly adhere to the metal without peeling when scratched with a pick device or knife blade point.

Laboratory Test For TGIC-Polyester Powder Coat: At the discretion of the Engineer, a sample TGIC-Polyester powder coated bollard shall be laboratory tested for bonding of the powder coating to the metal. Test shall be the Cross Hatch test per ASTM D3359, method B. Failure to satisfactorily pass this test shall be a basis for rejection.

TOUCH-UP & REPAIR: For minor damaged caused by installation or transportation, clean damaged area, then;

1. On damaged galvanized surfaces, apply organic zinc repair paint complying with ASTM A780, then repair powder coating per number 2 below. Galvanizing repair paint shall have 65 percent zinc by weight. Thickness of repair paint shall be not less than that required by ASTM A123.

2. On damaged powder coated surfaces, touch-up finish in conformance with manufacturer's recommendations. Provide touch-up such that repair is not visible from a distance of 6 (six) feet.

SUBMITTALS: All submittals shall be in accordance with the requirements of the General Conditions, Section C, Special Provisions, Article 11.

Shop Drawings: Before the work is started, the Contractor shall submit shop drawings for approval.

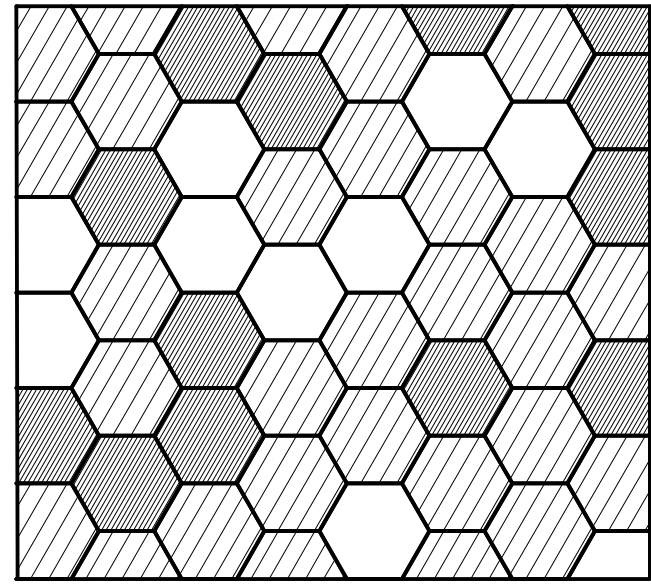
Design Mix report: The Contractor shall submit a design mix report prior to the production and delivery of concrete for review and approval. Design Mix Report dated more than one (1) year of the submittal date will be rejected. The Contractor shall submit the design mix report including but not limited to the following information: date of design mix report, name and address of concrete mixing company, name and address of laboratory, name of project, water/cement (w/c) ratio, type and sieve analysis of aggregates, type of cement, type and amount of fly ash or slag used, percentage of portland cement replacement by fly ash or slag, types of admixture used, amount of water used, air content and slump of design mix, three (3) day curing strength, seven (7) day curing strength, and twenty-eight (28) day curing strength.

MEASUREMENT AND PAYMENT: The quantity of **STEEL PIPE BOLLARD-30" HT. (FIXED)** and **STEEL PIPE BOLLARD-30" HT. (REMOVABLE)** to be paid for under these items shall be the number of bollard furnished and installed in accordance with the plans, specifications, and directions of the Engineer.

The price bid shall be separate unit price for **EACH** Steel Pipe Bollard, furnished and erected, and shall include the cost for all labor, material, equipment, and incidental expenses necessary to complete the work, including excavation, average concrete, powder coating, and padlock, where required, all in accordance with the plans and specifications, to the satisfaction of the Engineer.

END OF PAGE

Rev. 07/01/2018 STANDARD

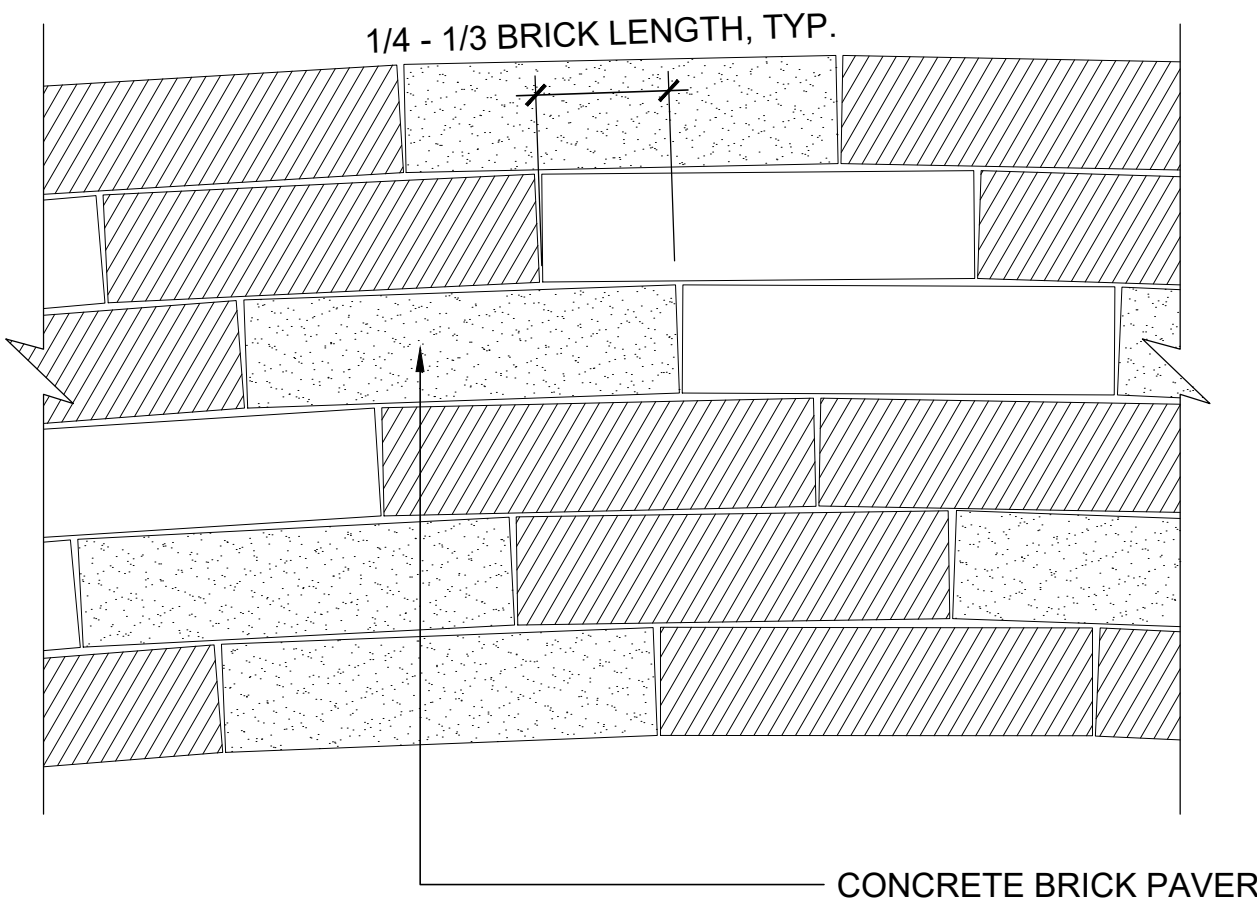


- "CHARCOAL" BY HANOVER ARCHITECTURAL PRODUCTS OR APPD. EQ. - 25%
- MATRIX #B92439 BY HANOVER ARCHITECTURAL PRODUCTS OR APPD. EQ. - 50%
- MATRIX #B93356 BY HANOVER ARCHITECTURAL PRODUCTS OR APPD. EQ. - 25%

8" HEX CONCRETE PAVERS ON ASPHALT BASE (TYP)
PATTERN TO BE RANDOMIZED USING MIXED PALLETS,
ABOVE PATTERN IS SHOWN AS AN EXAMPLE SECTION OF
THE RESULTING PATTERN. (EST. TOTAL AREA = 824sy)

1 CONCRETE HEX BLOCK PAVING PATTERN

SCALE: N.T.S.



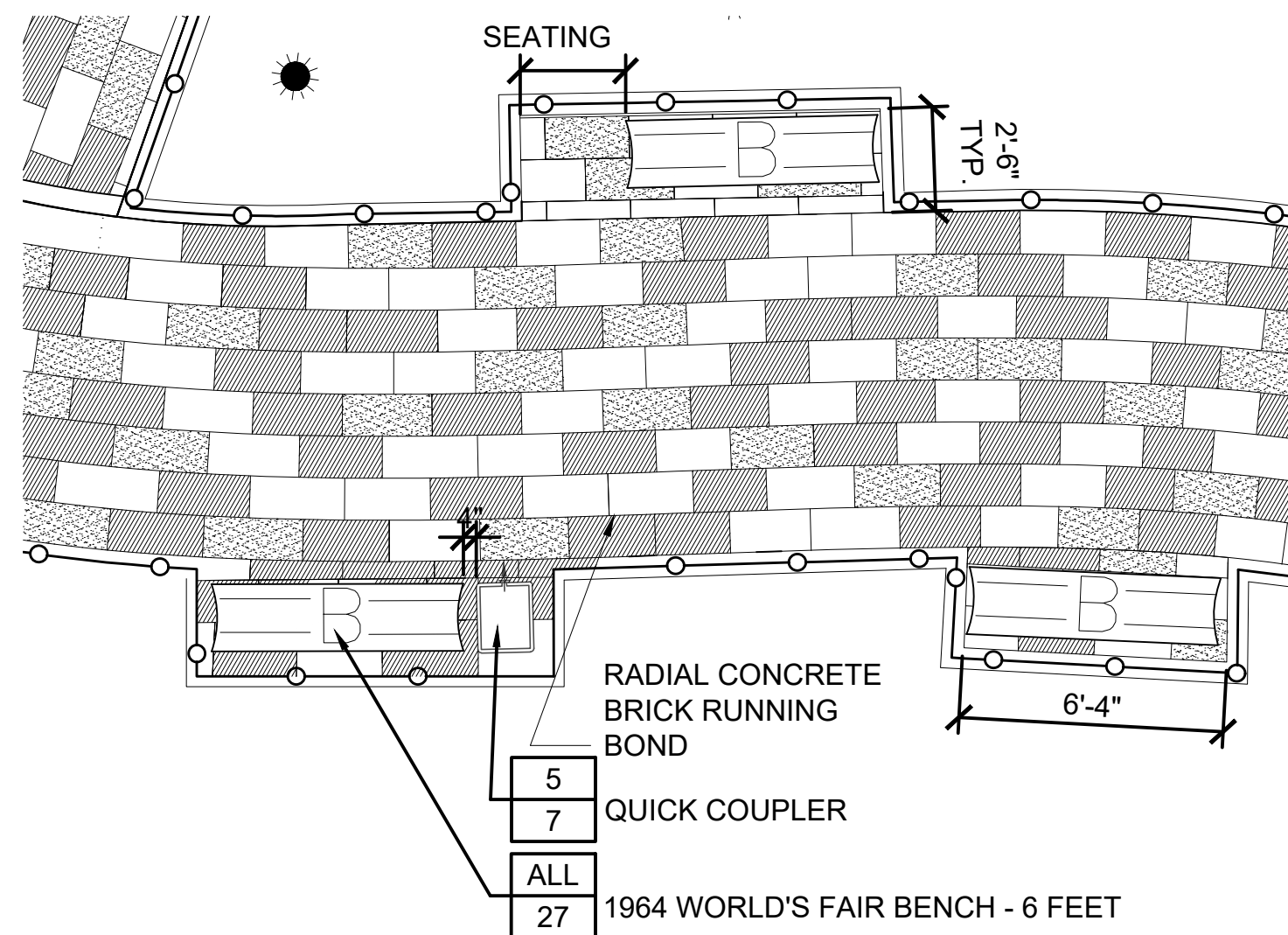
- 25% PG-61MF BY NITTERHOUSE MASONRY PRODUCTS OR APPROVED EQUAL
- 50% PG-134MF BY NITTERHOUSE MASONRY PRODUCTS OR APPROVED EQUAL
- 25% PG-62MF BY NITTERHOUSE MASONRY PRODUCTS OR APPROVED EQUAL

PATTERN TO BE RANDOMIZED USING MIXED PALLETS, ABOVE PATTERN IS SHOWN AS AN EXAMPLE SECTION OF THE RESULTING PATTERN (Est. TOTAL AREA = 271sy)

- NOTES:
- BRICK TO BE 6" X12" CONCRETE PAVER
 - BRICK TO BE HAND TIGHT AS RADIUS ALLOWS.
 - OFFSET SHOULD BE WITH RANGE OF 1/4 TO 1/3 OF A BRICK LENGTH. IF OFFSET EXCEEDS RANGE, CUT BRICK TO REESTABLISH TYP. OFFSET.

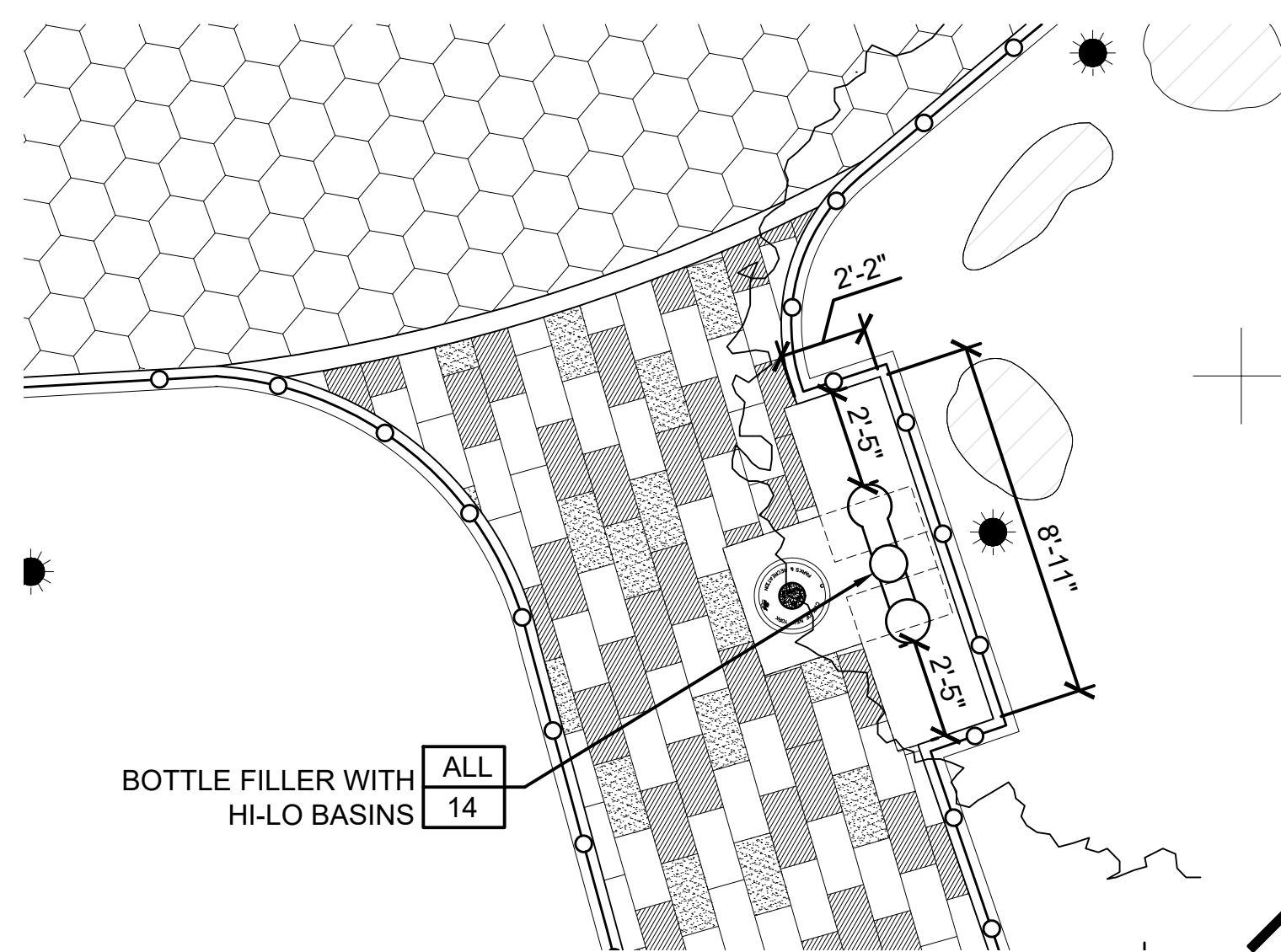
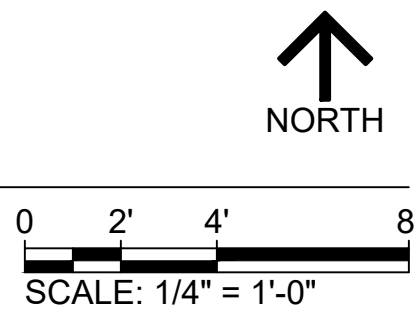
2 CONCRETE BRICK PAVING PATTERN ON ASPHALT BASE - RUNNING BOND

SCALE: N.T.S.



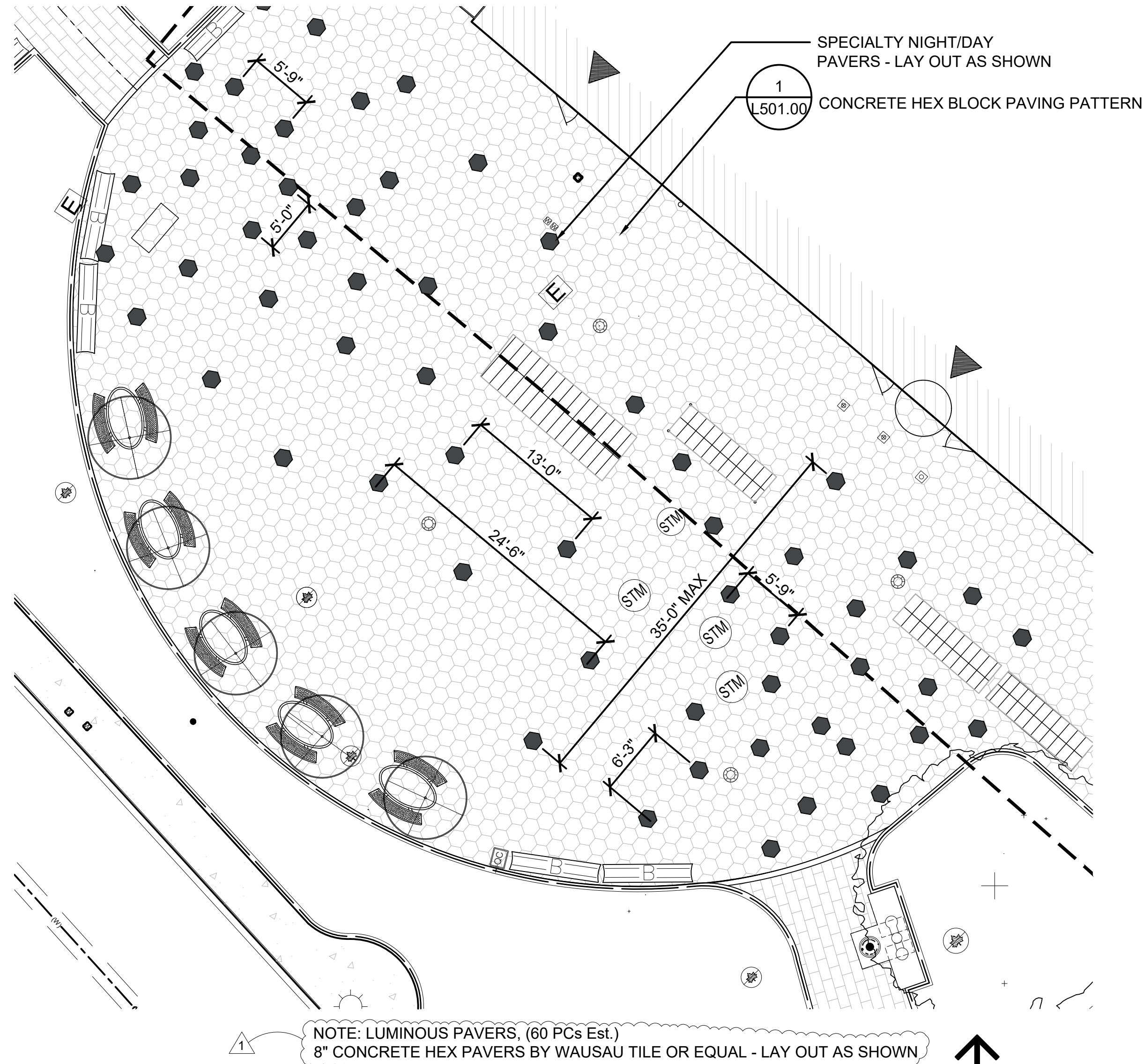
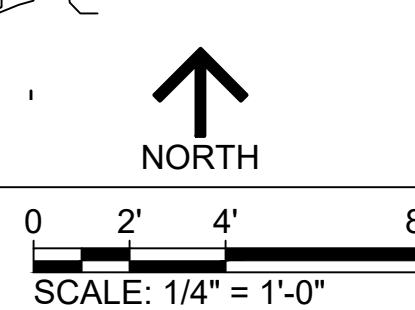
4 BENCH PAD ENLARGEMENT

SCALE: 1/4" = 1'-0"



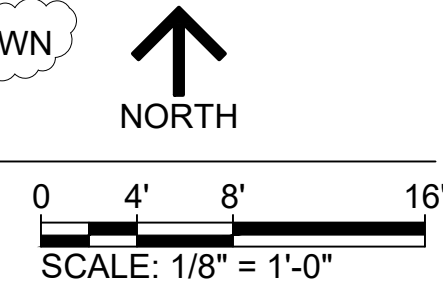
5 DRINKING FOUNTAIN ENLARGEMENT

SCALE: 1/4" = 1'-0"



3 LUMINUOUS PAVER LAYOUT AT PLAZA

SCALE: 1/8" = 1'-0"



IRIS RODRIGUEZ - ROSA
COMMISSIONER
ERIC BOORSTYN, AIA, LEED AP
DEPUTY COMMISSIONER, CAPITAL PROJECTS

CONSULTANTS:
N/A

NO.	DATE	REVISION
1	07/23/2026	ADDENDUM #3 - PAVER NOTES

PROJECT MANAGER/DEPUTY DIRECTOR: WHITNEY A TALCOTT PLA / NICOLAS GREFENSTETTE PLA	
DISCIPLINE LEAD: RACHEL KRAMER PLA	
DESIGNER: WHITNEY A TALCOTT PLA	
DRAFTED BY: JEFFREY SCHNEIDER	
CHECKED BY: NICOLAS GREFENSTETTE PLA	
CONTRACT NO.: MG-40550-117MA	DATE: 08/29/2025

PROJECT TITLE:
MANNAHATTA PARK
RECONSTRUCTION
ADDRESS: BLOCK: N/A LOT: N/A
WALL STREET BETWEEN WATER
AND SOUTH STREETS

RESERVED FOR PLAN EXAMINER'S STAMPS

DRAWING TITLE:
ENLARGEMENTS

DRAWING NO.: L501.01
SHEETS IN CONTRACT SET: SHEET 19R1 OF 33