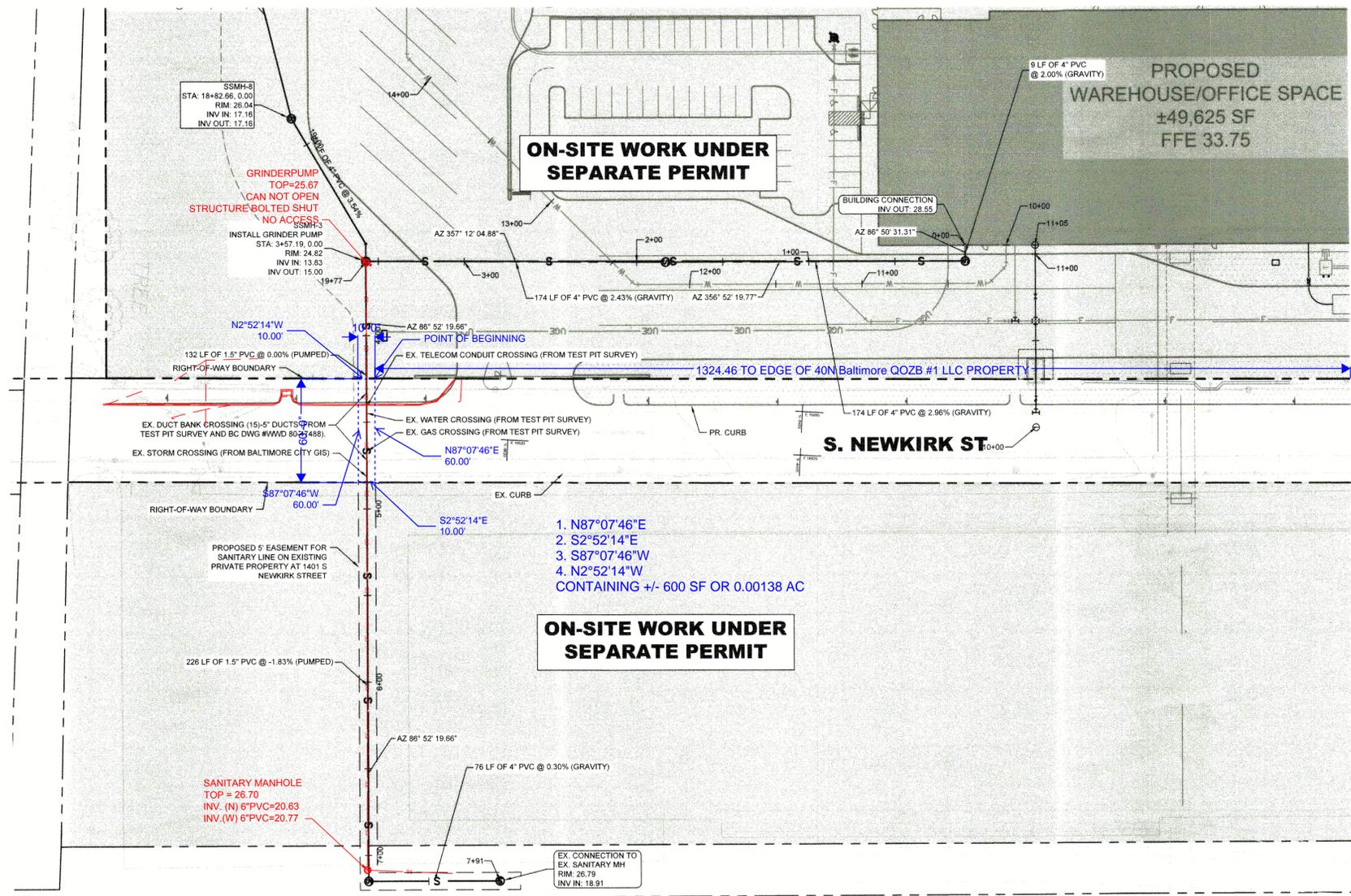
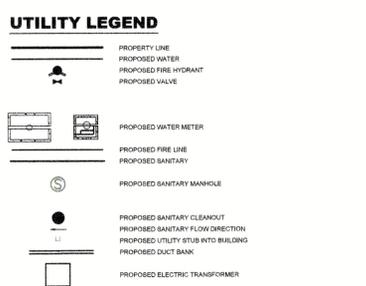
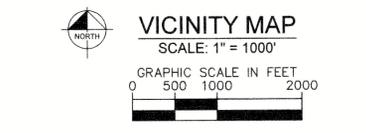


AS BUILT REVISIONS		REVISIONS		
BY:	DATE:	No.	DESCRIPTION	DATE

EXISTING CONDITIONS/ SURVEY LEGEND

- PROPERTY LINE/ROW
- SANITARY MANHOLE
- STORM DRAIN MANHOLE
- ELECTRIC MANHOLE
- GAS MANHOLE
- UNKNOWN UTILITY MANHOLE
- LIGHT POLE
- WATER METER
- SIGN
- UTILITY POLE
- BOLLARD POST
- DECIDUOUS TREE
- CONIFEROUS TREE
- GAS VALVE
- GUY WIRE
- WATER VALVE
- FIRE HYDRANT
- CLEANOUT
- ELECTRIC BOX
- HANDICAPPED
- UNDERGROUND SANITARY SEWER
- UNDERGROUND STORM DRAIN
- UNDERGROUND WATER LINE
- UNDERGROUND ELECTRIC
- UNDERGROUND GAS LINE
- FENCE LINE



ON-SITE WORK UNDER SEPARATE PERMIT

PROPOSED WAREHOUSE/OFFICE SPACE
±49,625 SF
FFE 33.75

ON-SITE WORK UNDER SEPARATE PERMIT

SANITARY SEWER BILL OF MATERIALS		
QUANTITY	DESCRIPTION	SIZE
60 LF	PVC PIPE (SDR35)	1.5"

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS WERE CONSTRUCTED AS SHOWN AND MEET THE APPROVED PLANS AND SPECIFICATIONS.

Melanie Monaco 50175
SIGNED P.E. NUMBER

Melanie Monaco, PE 7/10/2023
NAME DATE

BENCHMARK INFORMATION

- BEARINGS AND COORDINATES AS SHOWN HEREON ARE BASED ON THE BALTIMORE CITY SURVEY CONTROL SYSTEM AS REFERENCED FROM TRAVERSE/CONTROL STATIONS.

34693A:	SOUTH 7782.593	EAST 16900.849	DESCRIPTION: PLUG IN CONCRETE WALK
34694:	SOUTH 8280.077	EAST 16925.113	DESCRIPTION: PLUG IN CONCRETE WALK
- ELEVATIONS AS SHOWN HEREON ARE BASED ON BALTIMORE CITY BENCHMARK.

7768:	ELEVATION = 36.536 FEET	DESCRIPTION: BRASS SCREW IN INLET
9386:	ELEVATION = 42.412 FEET	DESCRIPTION: BRASS SCREW IN CURB

TRAFFIC ENGINEERING NOTES:

- THE CONTRACTOR SHALL CONTACT MR. JOHN MALINOWSKI OF THE DEPARTMENT OF TRANSPORTATION AT (443) 984-2153 TWO (2) WEEKS BEFORE CONSTRUCTION BEGINS AND ONE (1) WEEK PRIOR TO ANY CHANGE TO THE MAINTENANCE OF TRAFFIC.
- THE CONTRACTOR SHALL NOTIFY THE BALTIMORE TRANSPORTATION MANAGEMENT CENTER AT (443) 984-2189 AND TMC.DOT@BALTIMORECITY.GOV WHEN IMPLEMENTING ANY LANE CLOSURES, ROADWAY CLOSURES, OR DETOURS AS INDICATED IN AN APPROVED TRAFFIC CONTROL PLAN.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUPPLY, INSTALL AND MAINTAIN ALL TEMPORARY TRAFFIC CONTROL EQUIPMENT FOR THE DURATION OF THE CONTRACT.
- ALL TRAFFIC CONTROL MUST BE IN ACCORDANCE WITH THE CURRENT EDITION AND REVISIONS OF THE MARYLAND M.U.T.C.D. AND MARYLAND S.H.A. WORK ZONE TRAFFIC CONTROL STANDARDS AND THE CITY OF BALTIMORE BOOK OF STANDARDS.
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF A FOUR (4) FOOT PEDESTRIAN FOOTWAY OR IMPLEMENT AN APPROPRIATE PEDESTRIAN DETOUR, APPROVED BY DOT-TRAFFIC, WHILE ACTIVELY WORKING IN THE SIDEWALK IN ACCORDANCE WITH ADA GUIDELINES AND APPROPRIATE SHA AND CITY STANDARDS.
- FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN PERMITS FROM THE DEPARTMENT OF TRANSPORTATION PERMITS DIVISION, ABEL WOLMAN MUNICIPAL BUILDING, 1ST FLOOR, 200 NORTH HOLIDAY STREET, BALTIMORE, MARYLAND, PHONE (410) 396-5885 OR (410) 396-4508. DURING THE PERMIT REVIEW PROCESS THE CONTRACTOR MAY BE BILLED ADDITIONAL TRAFFIC INSPECTION FEES NOT RELATED TO ANY PREVIOUS COST.
- ALL EXCAVATIONS AND TRENCHES SHALL BE STEEL PLATED AT THE END OF EACH WORK DAY AND "STEEL PLATES" WARNING SIGNS DISPLAYED IN ADVANCE. STEEL PLATES SHALL BE INSTALLED PER STANDARD BC 576.17 AND SHALL BE CLEARLY MARKED SO THAT OWNERSHIP IS EASILY DISCERNABLE.
- NO WORK, LANE CLOSURES, OR DISRUPTION OF TRAFFIC ARE PERMITTED ON S NEWKIRK STREET BETWEEN THE HOURS OF 6AM-9AM AND 3PM-6PM WEEKDAYS. THE FULL WIDTH OF ROADWAY SHALL BE OPEN TO TRAFFIC AT THE END OF EACH WORKDAY.
- THE CONTRACTOR MUST MAINTAIN A MINIMUM OF ONE (1) ELEVEN-FOOT (11) LANE(S) OF TRAFFIC IN EACH DIRECTION OF TRAVEL ON S NEWKIRK STREET AT ALL TIMES OR PROVIDE A FLAGGING OPERATION IN ACCORDANCE WITH APPLICABLE CITY STANDARDS.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY SIGNING, FLEX POSTS, AND PAVEMENT MARKINGS DAMAGED OR DESTROYED DURING CONSTRUCTION, INCLUDING THOSE OUTSIDE THE PROJECT LIMITS.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY TEMPORARY "NO STOPPING" PROHIBITION SIGNING THAT WILL BE NECESSARY TO COMPLETE THIS PROJECT. A MINIMUM OF SEVENTY-TWO (72) HOURS NOTICE IS REQUIRED FOR ANY TEMPORARY PARKING RESTRICTIONS.

SANITARY NOTES:

- ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CITY OF BALTIMORE, DEPARTMENT OF PUBLIC WORKS, "SPECIFICATIONS FOR MATERIALS, HIGHWAYS, BRIDGES, UTILITIES, AND INCIDENTAL STRUCTURES" (STANDARD SPECIFICATIONS) AND CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS.
- EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ARE FOR THE CONVENIENCE OF THE CONTRACTOR AND ARE NOT WARRANTED OR GUARANTEED BY THE CITY OR THE ENGINEER TO BE COMPLETE OR CORRECT. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS OWN SATISFACTION.
- BEFORE DOING ANY DIGGING NOTIFY THE FOLLOWING:
 - "MISS UTILITY" AT 1800-257-7777 (NOTIFY 3 DAYS PRIOR TO WORK)
 - DEPARTMENT OF TRANSPORTATION, STREET LIGHTING SECTION AT 410-396-4446 (NOTIFY 2 WEEKS PRIOR TO WORK)
 - DEPARTMENT OF TRANSPORTATION, CONDUIT SECTION, AT 410-396-1515 (NOTIFY 15 DAYS PRIOR TO WORK)
 - VERIZON AT 800-837-4966 (NOTIFY 3 DAYS PRIOR TO WORK)
- ALL CHANNELS IN MANHOLES MUST BE CONSTRUCTED TO CONFORM AS CLOSE AS POSSIBLE TO THE STANDARD CHANNEL CALLED FOR IN THE PROFILES.
- GRAVEL CRADLE IS REQUIRED UNDER ALL PIPES. TRENCHING AND BACKFILL SHALL BE DONE IN ACCORDANCE WITH CITY SPECIFICATIONS SECTION 31 23 33.
- ALL BACKFILL SHALL BE MECHANICALLY TAMPED.
- ROADWAY PAVING REPLACEMENT SHALL BE DONE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION SECTION 32 01 30.10.
- ALL DIP SHALL BE CLASS 52 AND CONFORM TO ANSIAWMA C151A21.51. JOINTS FOR DIP PIPE SHALL BE THE PUSH-ON RUBBER GASKET TYPE IN ACCORDANCE WITH ANS1 A21/11 (AWWA C111-72).
- ALL PVC PIPE SHALL CONFORM TO ASTM D3034 SDR 35 FOR PVC COMPOUNDS. JOINTS FOR SDR 35 PVC PIPE SHALL BE THE PUSH-ON RUBBER GASKET TYPE IN ACCORDANCE WITH ASTM D3212.
- ONLY SANITARY SEWER WORK TO BE DONE IN THE PUBLIC RIGHT-OF-WAY WILL BE COVERED UNDER THIS AGREEMENT. ALL SANITARY SEWER CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY SHALL ALSO REQUIRE A PERMIT ISSUED BY THE BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS, WATER AND WASTEWATER ENGINEERING DIVISION, 1ST FLOOR, ABEL WOLMAN MUNICIPAL BUILDING.
- EXISTING SANITARY SEWER FLOWS AND ALL OTHER UTILITY SERVICES MUST BE MAINTAINED AT ALL TIMES.
- THE DEPARTMENT OF TRANSPORTATION, TRANSPORTATION MAINTENANCE DIVISION, MAINTAINS STREET LIGHT POLES AND BGE MAINTAINS STREET LIGHT CABLES IN BOSTON STREET & S NEWKIRK STREET THIS LIGHTING SYSTEM MUST BE MAINTAINED AT ALL TIMES. CALL 410-396-5965. IF THESE ITEMS WILL BE DISTURBED.
- ALL SANITARY FLOWS GO TO THE BACK RIVER WASTEWATER TREATMENT PLANT.
- SANITARY HOUSE CONNECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 33 31 00 OF THE STANDARD SPECIFICATIONS AND THE FOLLOWING:
 - ALL NEW SANITARY HOUSE CONNECTIONS SHALL BE CONNECTED TO NEW SANITARY SEWER USING WYE AND 1/8 BEND AS SHOWN ON STANDARD DETAIL BC 830.14.
 - ALL NEW SANITARY HOUSE CONNECTIONS SHALL BE CONNECTED TO EXISTING SEWER AS SHOWN ON STANDARD DETAIL 830.17 AND 830.18.
 - CLEANOUTS FOR SANITARY HOUSE CONNECTIONS SHALL BE CONSTRUCTED ON PRIVATE PROPERTY. CLEANOUTS IN THE PUBLIC RIGHT-OF-WAY ARE NOT ALLOWED UNLESS APPROVED BY THE WASTEWATER ENGINEERING OFFICE.
 - EACH PROPERTY MUST HAVE AN INDIVIDUAL HOUSE CONNECTION. TWIN CONNECTIONS ARE NOT ALLOWED.
 - CONTRACTOR IS TO INSTALL HOUSE CONNECTIONS TO PROPERTY LINE.
 - MINIMUM GRADE FOR HOUSE CONNECTION IS 2%.
- THE FOLLOWING TEST AND SUBMITTALS MUST BE MADE PRIOR TO FINAL ACCEPTANCE OF THE NEW SANITARY SEWER:
 - ALL NEW SANITARY SEWERS AND HOUSE CONNECTIONS SHALL BE TESTED IN ACCORDANCE WITH SECTION 33 31 00 "FIELD TEST" OF THE STANDARD SPECIFICATION.
 - THE CONTRACTOR SHALL VIDEO INSPECT THE NEW SANITARY SEWER IN ACCORDANCE WITH SECTION 33 31 19.01 PART 2 "PRODUCTS" 2.4 OF THE STANDARD SPECIFICATION AND SUBMIT A DVD/CD OF THE VIDEO INSPECTION TO THE WASTEWATER ENGINEERING OFFICE.
 - PROVIDE AS-BUILT DRAWINGS IN ACCORDANCE TO THE PROCEDURES PROVIDED BY THE WASTEWATER ENGINEERING OFFICE.
 - PROVIDE AS-BUILT LOCATION OF NEW HOUSE CONNECTIONS IN ACCORDANCE TO STANDARD DETAIL BC 830.19.
 - VERIFY PIPE DEFLECTION LIMIT FOR PVC PIPE OF 7.5% USING A GOING-GO GAGE WITH A MANDREL DIMENSION SPECIFIED IN ASTM D3034.

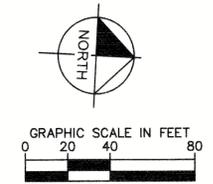
PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 50175, EXPIRATION DATE: 11/17/2022.

	ENGINEER: MELANIE MONACO			
	LICENSE #: 50175			
	DATE: 07/01/2021	WARD: 26		
	DESIGNED BY: MLM	SECTION: 20	SECT. APP.	
	DRAWN BY: CHM	BLOCK: 6587		
	CHECKED BY: JHK	LOT: 8		

Kimley Horn

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1801 PORTER ST, SUITE 401, BALTIMORE, MD 21220
PHONE: 443-743-3470
WWW.KIMLEY-HORN.COM
114027001

BALTIMORE CITY REVIEW	RAW RELEASE	HIGHWAY DESIGN	DRAINAGE	LIGHTING	CONDUIT	EROSION AND SEDIMENT CONTROL	TRAFFIC ENGINEERING	SIGNAL ENGINEERING	WASTEWATER ENGINEERING	WATER ENGINEERING	TRANSPORTATION ENGINEERING	BRIDGE ENGINEERING	CHIEF TRANSPORTATION ENGINEERING AND CONSTRUCTION
BY: DF	AL	RK	SB	0.0	(KG)	JDM	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	N*
DATE: 7-21-21	7-26-21	7/16/21	7-26-21	8-24-21	7/16/21	8-2-21	7/16/21	7/16/21	7/17/21				



ESD # 7814

OWNER: 40N BALTIMORE 002B#1, LLC 1 CAMPUS DRIVE PARSIPPANY NJ, 07054-0000	DEVELOPER: 40N BALTIMORE 002B#1, LLC 1 CAMPUS DRIVE PARSIPPANY NJ, 07054-0000	APPLICANT: KIMLEY HORN AND ASSOCIATES, INC. 1801 PORTER ST. SUITE 401 BALTIMORE, MD 21220
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SURVEY BOOK: MB 207530151 RECORD PLATS: FF-3031, GG-3031
B.M.: 7768, 9386 ELEV.: 36.536, 42.412 DRAINAGE DISTRICT:
RELEASED BY RIGHT OF WAY DIVISION:

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AGREEMENT NO. 1757A
1610 S NEWKIRK STREET
1610 S NEWKIRK STREET
BALTIMORE, MD 21224

SEWER PLAN