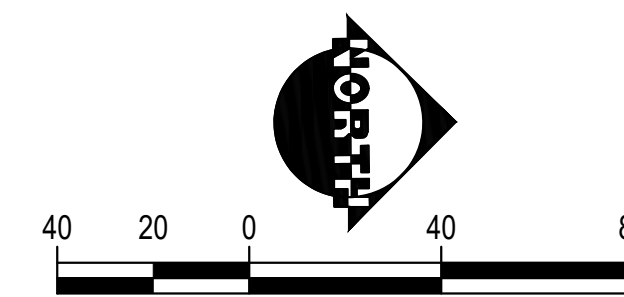
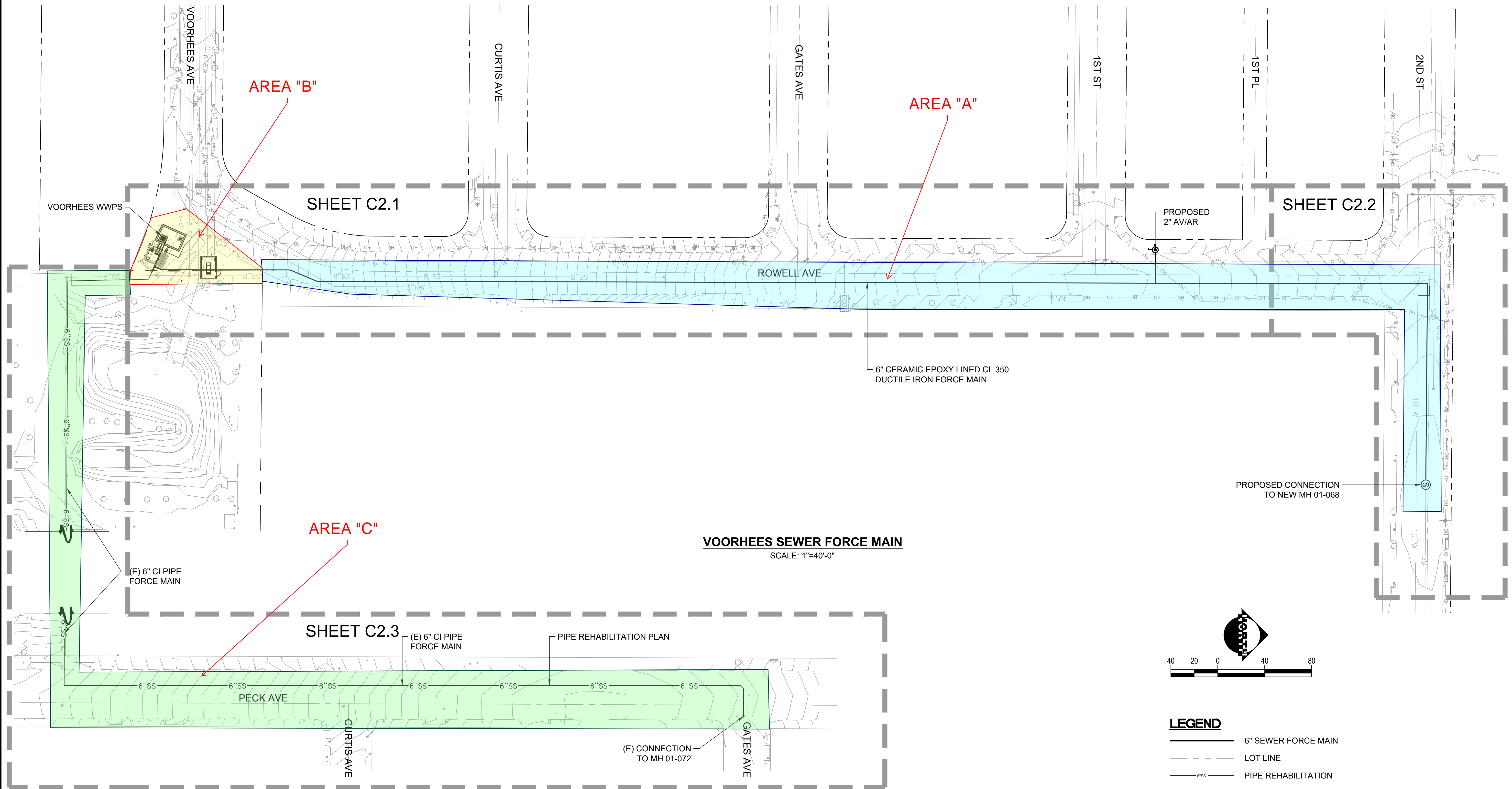


NOT FOR CONSTRUCTION _ PPIC EXHIBIT ONLY



LEGEND

	6" SEWER FORCE MAIN
	LOT LINE
	PIPE REHABILITATION

CITY OF MANHATTAN BEACH
PUBLIC WORKS DEPARTMENT - ENGINEERING DIVISION

REFERENCES		NO.		BY		DATE	

REVISIONS		NO.		DATE	

REVIEWED BY	DATE	APPROVED BY	DATE

DESIGNED BY	SCALE	DATE	DRAWING NO.
	AS SHOWN	JAN 2024	C2.0

PROJECT MANAGER	DATE	CITY ENGINEER	DATE
MARZENA LASKOWSKA		KATHERINE DOHERTY	

VICE PRESIDENT-UTILITIES DIVISION	DATE	SHEET	2.3	OF	86

**Know what's below.
Call before you dig.**

NO WORK SHALL BE DONE ON THIS SITE UNTIL USA AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE, TWO WORKING DAYS BEFORE YOU DIG.

SUPPLEMENTAL NOTES:

- THE CONTRACTOR SHALL LOCATE, VERIFY AND PROTECT ALL EXISTING UNDERGROUND UTILITIES. DAMAGED UTILITIES SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- DUE TO INDIVIDUAL LOT IMPROVEMENTS, THE EXISTING WATER, SEWER AND/OR GAS LATERALS MAY NOT BE AT THE LOCATIONS SHOWN OR SHOWN IN THEIR ENTIRETY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN EXCAVATING.
- THE CONTRACTOR SHALL DETERMINE THE DEPTH OF THE GAS SCE, CABLE, SEWER, STORM DRAIN AND WATER AT ALL INTERSECTIONS AND INTERFERENCES PRIOR TO CONSTRUCTION AND AS NOTED ON PLANS.

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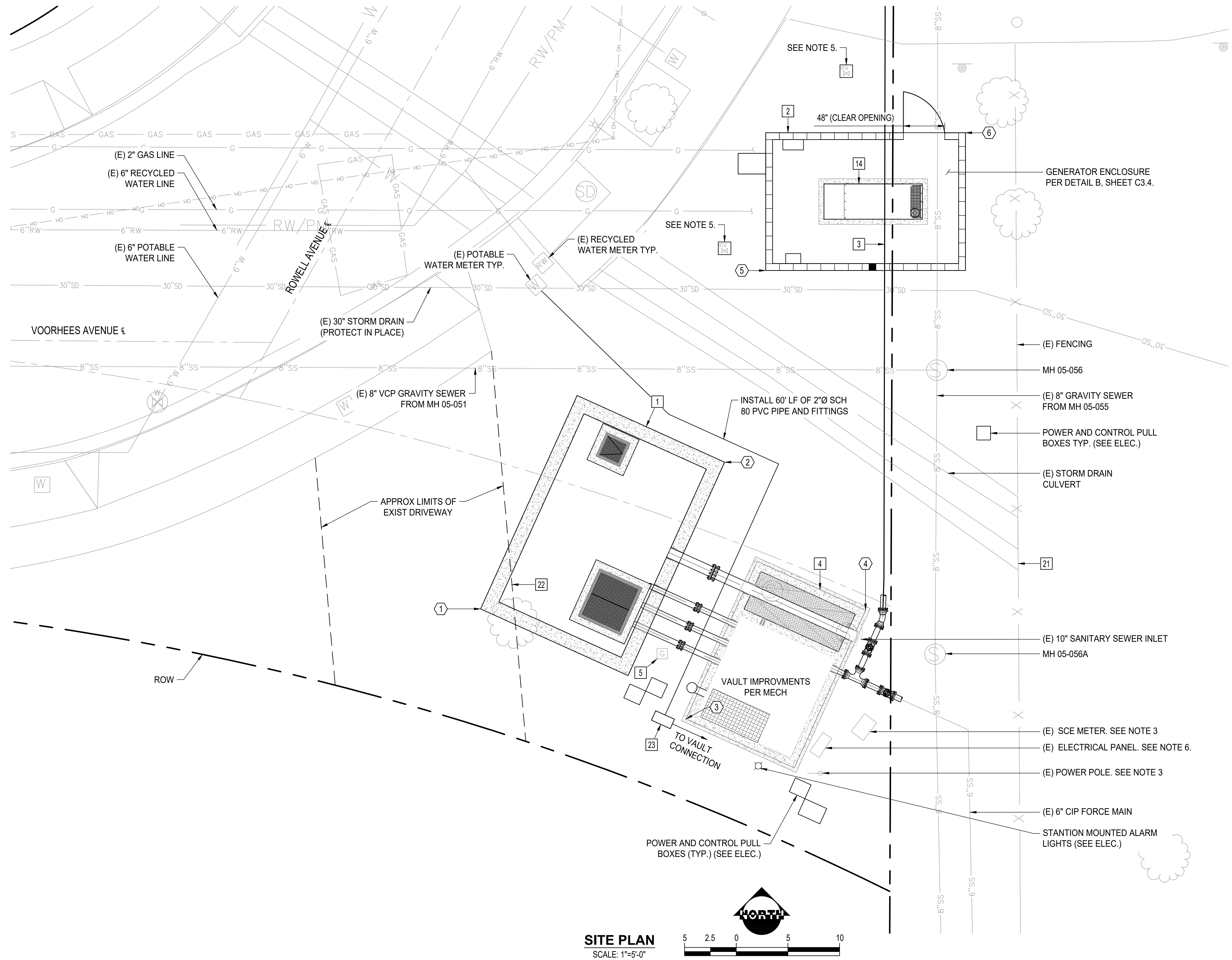
DATE SIGNED

100% PLANS - ISSUED FOR REVIEW

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Xref: B603-3624.dwg; B603-404P-SEWER.dwg; B603-VOORHEES EXISTING UTILITIES.dwg; 0120/02240_ROWELL AVE.TPO.dwg; B603-VOORHEES Merit.dwg; Date: 1/20/24; User: J. Laskowska; Plot Date: 1/24/24; Plot Time: 11:00:00 AM

NOT FOR CONSTRUCTION _ PPIC EXHIBIT ONLY



CONSTRUCTION NOTES:

NO.	DESCRIPTION
1	INSTALL CAST-IN-PLACE WET WELL PER STRUCTURAL.
2	INSTALL CMU GENERATOR ENCLOSURE PER STRUCTURAL.
3	INSTALL 6" CERAMIC EPOXY LINED CL 350 DUCTILE IRON FORCE MAIN W/ CATHODIC PROTECTIVE JOINT BONDING AND POLYETHYLENE WRAP
4	EXISTING VOORHEES LIFT STATION TO BE PROTECTED IN PLACE.
5	RELOCATE EXISTING GAS SERVICE METER. CONTRACTOR TO COORDINATE W/ SCE.
14	INSTALL STANDBY GENERATOR PER ELECTRICAL.
21	REMOVE AND REPLACE EXISTING CHAINLINK FENCE PER DETAIL B, SHEET D1.1. PEDESTRIAN GATE, DOUBLE SWING GATE AND CONNECTIVE POLES TO BE P.I.P.
22	REMOVE AND REPLACE SECTION OF CONFLICTING DRIVEWAY PER DETAIL B, SHEET C3.3.
23	INSTALL DOUBLE CHECK BACKFLOW PREVENTER PER DETAIL A, SHEET C3.4.

- NOTES:**
- FOR BIDDING PURPOSES, ASSUME REPLACEMENT OF 50' OF 2"Ø DUCTILE IRON PIPE FOR RECYCLED WATER RELOCATION.
 - THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE CITY'S REFUSE COMPANY AND STREET SWEEPING COMPANY. REFUSE PICK-UP IS PERFORMED BY WASTE MANAGEMENT (310-830-7100), AND STREET SWEEPING IS PERFORMED BY ATHENS SERVICES (888-336-6100).
 - CONTRACTOR SHALL COORDINATE WITH SCE FOR EXTERNAL POWER POLE REMOVAL AFTER TRANSFERRING ALL LOADS TO NEW SYSTEM.
 - A.C. PAVEMENT REPAIR THICKNESS SHALL BE MIN. 1" GREATER THAN THE EXISTING PAVEMENT THICKNESS. FOR BIDDING PURPOSES, EXISTING A.C. THE CONTRACTOR SHALL ASSUME 4" THICK A.C. PAVEMENT ON 6" OF AGGREGATE BASE. REFERENCE DETAIL A, SHEET C3.3.
 - TEMPORARILY REMOVE FROM SERVICE THE EXISTING IRRIGATION LINES AND REPLACE IN KIND POST CONSTRUCTION.
 - EXISTING ELECTRICAL PANEL SHALL BE UTILIZED DURING SEQUENCE OF CONSTRUCTION. SHALL BE REMOVED AFTER INSTALLATION AND TESTING OF ALL PROPOSED EQUIPMENT.
 - CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY THE CITY AND THE ENGINEER OF ALL DISCREPANCIES.
 - CONTRACTOR SHALL SURVEY GRADES PRIOR TO CONSTRUCTION AND RESTORE ASPHALT, CURB, GUTTER ETC. TO ORIGINAL CONDITIONS POST CONSTRUCTION.

LEGEND

	6" SEWER FORCE MAIN
	EXISTING CHAINLINK FENCE
	LOT LINE
(E)	EXISTING
#	CONSTRUCTION NOTE
⊕	POINT TABLE POINTS

POINT TABLE

PNT. #	NORTHING	EASTING	DESCRIPTION
1	1777898.23	6443386.92	SW WET WELL CORNER
2	1777912.43	6443410.53	NE WET WELL CORNER
3	1777887.58	6443406.79	SW EXISTING STATION CORNER
4	1777898.10	6443424.17	NW EXISTING STATION CORNER
5	1777930.98	6443414.51	SE GENERATOR ENCLOSURE CORNER
6	1777944.32	6443433.84	NW GENERATOR ENCLOSURE CORNER

SITE PLAN
SCALE: 1"=5'-0"



811
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REVIEWED BY

NO.	BY	DATE

CITY OF MANHATTAN BEACH
PUBLIC WORKS DEPARTMENT - ENGINEERING DIVISION

VOORHEES WWPS UPGRADES
SITE PLAN

NO.	BY	DATE

DESIGNED BY: MARZENA LASKOWSKA
SCALE: AS SHOWN
DATE: JAN 2024

APPROVED BY: KATHERINE DOHERTY
DATE:

VICE PRESIDENT-UTILITIES DIVISION

SHEET 21 OF 86
DRAWING NO. C1.0

Xref: B603-2624.dwg; B603-Proposed Site Plan.dwg; B603-Voorhees Existing Utilities.dwg; 0126-02240_Rowell Ave TOPO (left).dwg; B603-44-SEWER.dwg; B603-Voorhees Mech.dwg; 0126-02240.dwg; 1:2500; W: 24.25; L: 24.25; UAS; 12/21/2023; 11:00:00 AM

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