

Executive: MD  
Manager: DR  
Designer: RL/SC  
Quality Control: DR  
Section:

Professional Seal:



Know what's below.  
Call before you dig.

DATE:	ISSUE:
2023-09-08	SPR SET
2023-10-09	SPR SET
2024-10-11	80% SET
2025-06-27	REVIEW
2025-07-11	PERMIT
2025-07-24	FOR PERMIT
2025-09-04	FOR BID

Developed For:

Hiti, DiFrancesco + Siebold

1939 West 25th Street, Suite 300  
Cleveland, OH 44113

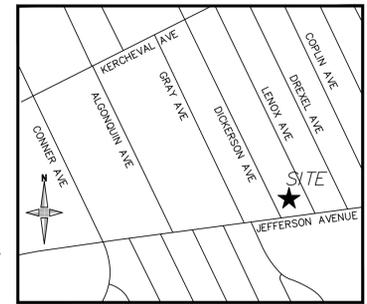
216.696.3460 x 322

**UTILITY PLAN**

East Jefferson Housing

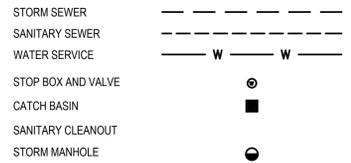
Detroit  
Wayne  
MICHIGAN

Date: 2023-08-25  
Scale: 1"=20'  
Sheet: C-700  
Project: 20401.10D



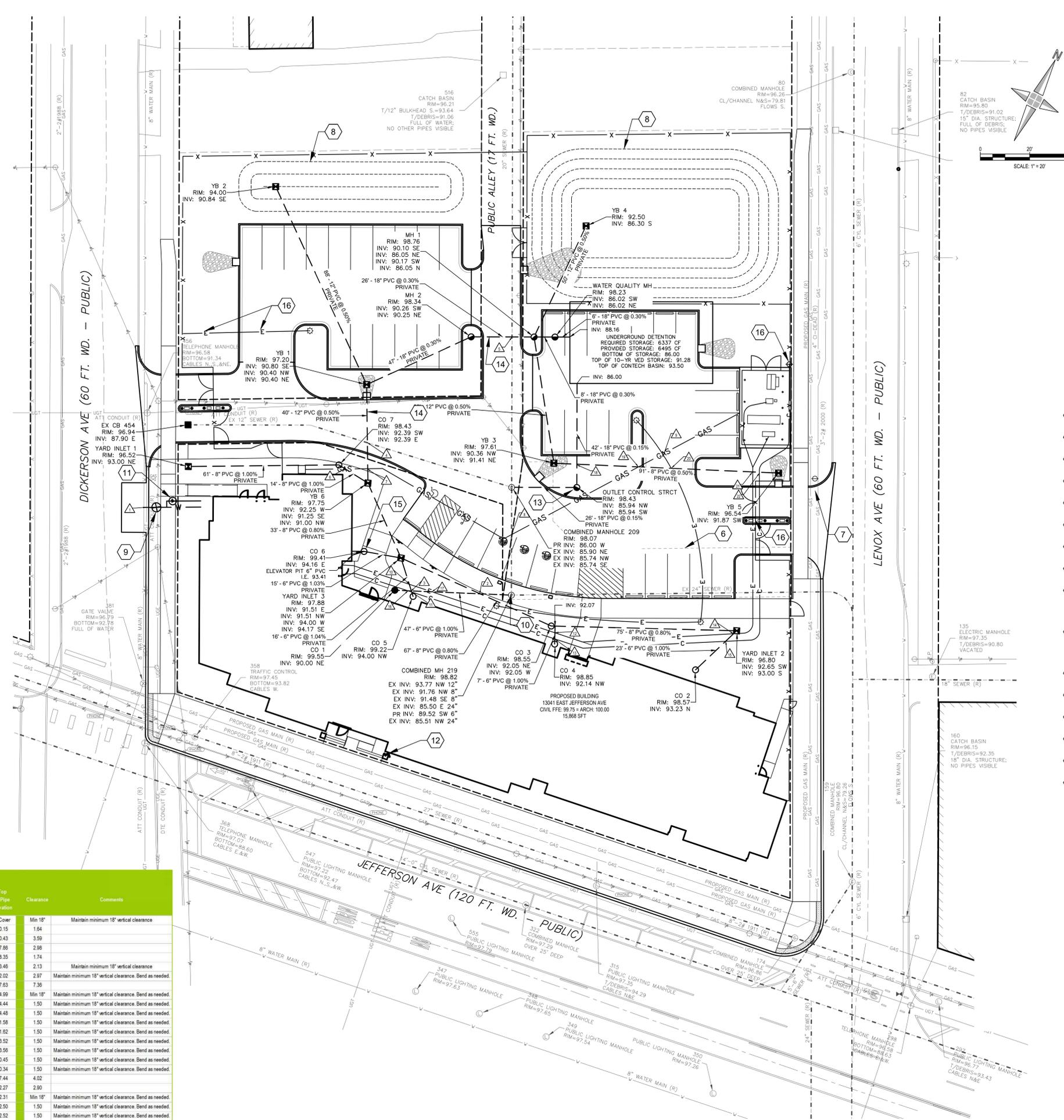
LOCATION MAP  
( NOT TO SCALE )

**UTILITY PLAN - LEGEND**



**UTILITY PLAN - KEY NOTES**

- PROPOSED PROPERTY LINE, TYP.
- EXISTING HYDRANT
- PROVIDE AND INSTALL 4'-0" DIAMETER PRIVATE CATCH BASIN. SEE DETAIL ON SHEET C-800
- PROTECT UTILITY STRUCTURE THROUGHOUT CONSTRUCTION
- BLIND TAP EXISTING COMBINED SEWER PER CITY OF DETROIT STANDARDS AND SPECIFICATIONS, SEE DETAIL ON SHEET C-810
- EXISTING SEWER EASEMENT
- RELOCATE UTILITY POLE. COORDINATE REMOVAL WITH UTILITIES
- PROPOSED COMPENSATING CUT FOOTPRINT, SEE SHEET C-600, C-700
- CONNECT TO EXISTING WATER MAIN WITH CUT IN TEE AND VALVE PER DWSO STANDARDS AND SPECIFICATIONS. SEE DETAIL ON SHEET C-810
- INTERIOR DROP TO CONNECTION TO EXISTING COMBINED SEWER MANHOLE FOR DETENTION SYSTEM OUTLET. CONTRACTOR TO VERIFY THE SIZE OF THE EXISTING MANHOLE. IF THE SIZE IS LESS THAN 5' DIAMETER, CONTACT THE PROJECT ENGINEER AS THE CITY WILL REQUIRE AN EXTERNAL DROP CONNECTION. SEE DETAIL ON SHEET C-810
- 4" STOP BOX AND VALVE PER DWSO STANDARDS, SEE DETAIL ON SHEET C-810
- FDC PER MEP PLANS
- PROVIDE AND INSTALL BACKFLOW PREVENTER. SEE DETAIL ON SHEET C-830
- PROPOSED UTILITY ENCROACHMENT IN EXISTING PUBLIC RIGHT-OF-WAY. SEE PETITION MAP-24-XXX.
- PROVIDE CAST IRON FRAME AND COVER FOR PROPOSED CLEANOUT
- PROPOSED ELECTRICAL STRUCTURE PER ELECTRICAL PLANS



**CROSSING TABLE**

Crossing Number	Top Utility		Bottom Utility		Clearance	Comments
	Type	Size (inch)	Type	Size (inch)		
1	Telephone	Unknown	Water	4"	5' Cover	Maintain minimum 18" vertical clearance
2	Storm	8"	Sanitary	6"	90.15	1.64
3	Storm	8"	Sanitary	6"	90.43	3.59
4	Storm	12"	Combined	12"	87.86	2.98
5	Storm	18"	Combined	24"	88.35	1.74
6	Gas	5"	Storm	8"	93.46	2.13
7	Gas	5"	Storm	12"	92.02	2.97
8	Gas	5"	Sanitary	24"	87.63	7.36
9	Electrical	4"	Gas	5"	94.99	Min 18"
10	Electrical	4"	Storm	6"	94.44	1.50
11	Electrical	4"	Storm	6"	94.48	1.50
12	Electrical	4"	Storm	6"	91.58	1.50
13	Electrical	4"	Storm	6"	91.62	1.50
14	Electrical	4"	Storm	6"	93.52	1.50
15	Electrical	4"	Storm	6"	93.56	1.50
16	Electrical	4"	Sanitary	6"	90.45	1.50
17	Electrical	4"	Sanitary	6"	90.34	1.50
18	Storm	8"	Storm	18"	87.44	4.02
19	Gas	5"	Storm	8"	92.27	2.90
20	Electrical	4"	Storm	8"	92.31	Min 18"
21	Electrical	4"	Storm	8"	92.50	1.50
22	Electrical	4"	Storm	8"	92.52	1.50

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