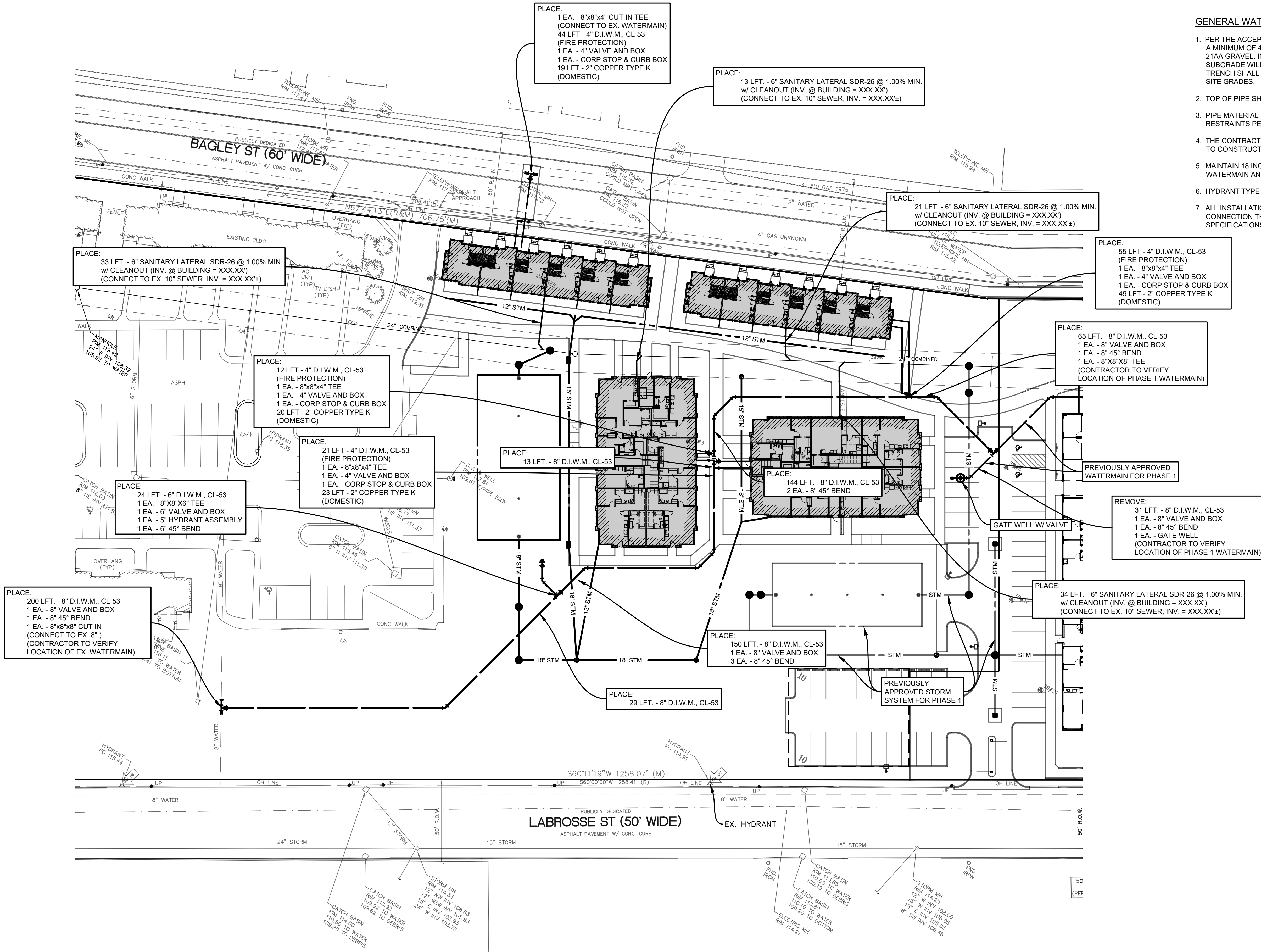




- GENERAL WATERMAIN NOTES**
- PER THE ACCEPTED REMEDIAL ACTION PLAN, THE ENTIRE SUBJECT PROPERTY WILL BE UNDERCUT A MINIMUM OF 4'-0" BELOW EXISTING GRADE AND BACKFILLED WITH IMPORTED CLASS II SAND OR 21AA GRAVEL. IN AREAS OF TRENCHING RELATED TO WATERMAIN INSTALLATION, EXISTING SUBGRADE WILL BE UNDERCUT A MINIMUM OF 2'-0" BELOW PROPOSED WATERMAIN INVERT. PIPE TRENCH SHALL BE BACKFILLED WITH IMPORTED CLASS II SAND OR 21AA GRAVEL UP TO PROPOSED SITE GRADES.
 - TOP OF PIPE SHALL BE MINIMUM 5'-0" BELOW THE FINISHED GROUND SURFACE.
 - PIPE MATERIAL SHALL BE DUCTILE IRON CLASS 53. ALL PIPE TO HAVE NECESSARY JOINT RESTRAINTS PER SPECIFICATIONS.
 - THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF EXISTING WATERMAIN PRIOR TO CONSTRUCTION.
 - MAINTAIN 18 INCHES OF VERTICAL CLEARANCE AND 10 FEET OF HORIZONTAL CLEARANCE BETWEEN WATERMAIN AND SEWERS.
 - HYDRANT TYPE SHALL BE CITY OF DETROIT STANDARD.
 - ALL INSTALLATION OF AND MATERIALS FOR WATERMAIN, WATER SERVICES, HYDRANTS AND CONNECTION THE EXISTING WATERMAIN, SHALL BE IN ACCORDANCE WITH DWSD STANDARD SPECIFICATIONS AND STANDARD DETAILS.

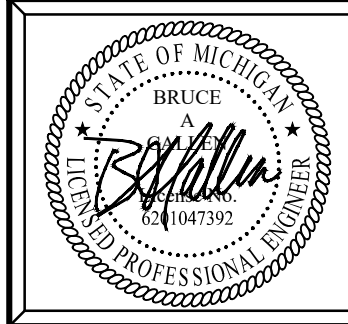
PUBLIC UTILITY QUANTITIES THIS SHEET			
ITEM DESCRIPTION	UNIT	QUANTITY	FINAL QUANTITY
18 INCH HDPE STORM SEWER	LFT	397	
15 INCH HDPE STORM SEWER	LFT	250	
12 INCH HDPE STORM SEWER	LFT	25	
12 INCH HDPE STORM SEWER (ROOF DRAIN)	LFT	550	
6 FT STORM MANHOLE	EA	1	
5 FT STORM MANHOLE	EA	2	
3 FT STORM MANHOLE	EA	1	
4 FT CATCH BASIN	EA	2	
2 FT CATCH BASIN	EA	2	
5 FT YARD DRAIN	EA	1	
4 FT YARD DRAIN	EA	2	
2 FT YARD DRAIN	EA	3	
8 INCH D.I.W.M.	LFT	601	
6 INCH D.I.W.M.	LFT	24	
4 INCH D.I.W.M.	LFT	88	
2 INCH COPPER TYPE K	LFT	92	
6 INCH SANITARY LATERAL	LFT	101	

AMERICAN COMMUNITY DEVELOPERS, INC.
20250 HARPER AVENUE
DETROIT, MI 48225
313-881-8150

NO.	DATE	BY	ISSUANCE / REVISION
1	08-08-25	B.A.C.	BASED PLAN REVIEW
2	08-25-26	S.U.	SU REVIEW
3	08-03-26	B.A.C.	SU REVIEW

CLEMENT KERN GARDENS - PHASE 2
A MIXED USE DEVELOPMENT
CITY OF DETROIT, MI 48216
WAYNE COUNTY, MICHIGAN
UTILITY PLAN

DRAWN BY J.W.C.	DATE SEP '25
ENGINEER B.A.C.	DATE SEP '25
EDIT L.B.C.	DATE JUL '26
SCALE DRAWING AS NOTED	
PROJECT 024 CLEMENT KERN PHASE 2	
SHEET NO. C3.0	



Plan Prepared By:
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For protection of underground utilities, the CONTRACTOR shall dial 1-800-482-7171 OR 811 a minimum of three working days, excluding Saturdays, Sundays and holidays, prior to excavation in the vicinity of utility lines. All "MISS DIG" participating members will thus be routinely notified. This does not relieve the CONTRACTOR of the responsibility of notifying the utility owners who may not be part of the "MISS DIG" alert system.

DATE OF PLAN: 08-03-26