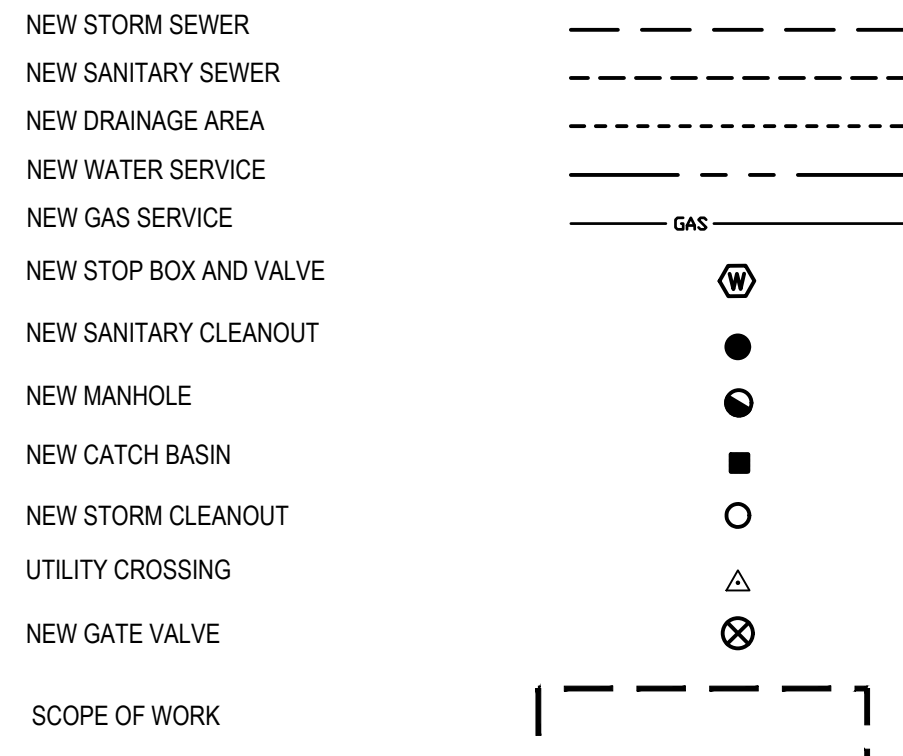


UTILITY - LEGEND



UTILITY - KEY NOTES

1. INSTALL TAPPING SLEEVE AND VALVE FOR CONNECTION TO NEW 8" WATER MAIN
2. REPLACE WITH NEW 4" MANHOLE, RECONNECT EXISTING PIPES
3. CONTRACTOR TO INSTALL 8"x6"x8" TEE
4. GAS SERVICE SIZE AND LOCATION COORDINATED WITH DTE GAS IF NEEDED TO BE REPLACED
5. CONTRACTOR TO PROVIDE AND INSTALL DOMESTIC LINE
6. CONTRACTOR TO INSTALL FIRE SUPPRESSION LINE
7. CONTRACTOR TO INSTALL STOP VALVE IN D-BOX PER LINE SIZE IN ACCORDANCE WITH DWSD & CITY OF DETROIT STANDARDS
8. COORDINATE WITH DWSD TO INSTALL NEW 8" WATER MAIN AND ABANDON 6" WATER MAIN IN HENRY STREET
9. CUT IN 10"x6"x10" TEE PER DWSD STANDARDS
10. STORM CLEANOUT IN GREENSPACE
11. SANITARY CLEANOUT IN GREENSPACE
12. TAP STRUCTURE PER DWSD STANDARDS. SEE DETAIL SHEET C-802
13. RELOCATE EXISTING LIGHT POLE WITH BASE WITH COORDINATION WITH PUBLIC LIGHTING AUTHORITY
14. PROVIDE 2-3" CONDUIT BETWEEN JUNCTION BOX AND NEW LIGHT POLE LOCATION
15. PROVIDE ELECTRICAL JUNCTION BOX AT EXISTING LIGHT POLE LOCATION, COORDINATE RELOCATION WITH PLA
16. CLEAN EDGE CUT EXISTING SEWER AND PROVIDE 8" EXISTING SEWER CONNECTION THROUGH BULKHEAD
17. COORDINATE WITH DTE ON RELOCATION OF POLE AND OVERHEAD LINES
18. ADJUST RIM, FRAME AND COVER IN ACCORDANCE WITH GRADING PLAN REPLACED WITH MANHOLE COVER
19. SANITARY CLEANOUT WITH CAST IRON FRAME AND COVER SET IN CONCRETE PAVEMENT. SEE DETAIL SHEET C-802
20. STORM CLEANOUT WITH CAST IRON FRAME AND COVER SET IN CONCRETE PAVEMENT. SEE DETAIL SHEET C-802
21. ADA LIFT SLAB FLOOR DRAIN
22. PROVIDE AND INSTALL PERFORATED UNDERDRAIN TO IMPROVE PAVEMENT BASE DRAINAGE
23. FIRE SUPPRESSION SIZING AND HYDRAULICS TO BE CONFIRMED BY FIRE SUPPRESSION CONTRACTOR
24. PROPOSED 6" HDPE PERFORATED UNDERDRAIN PIPE WITH CAPPED END
25. PROPOSED 6" SOLID WALL PIPE
26. PROPOSED 6" SOLID WALL PIPE
27. TELECOM CONDUIT, BY OTHERS
28. DRAIN TILE SHOWN FOR REFERENCE. SEE LANDSCAPE PLANS FOR CONTINUATION & DETAILS
29. RECONNECT DOWNSPOUTS TO SEPARATED STORM LEADS EXISTING ANTICIPATED PERIMETER DRAIN SYSTEM. LIMITS, LOCATION, VIABILITY AND SIZE TO BE FIELD VERIFIED. NOTIFY ENGINEER OF ANY CONFLICTS
30. REMOVE AND UPSIZE EXISTING TAP
31. CONVERT EXISTING CATCH BASIN TO MANHOLE WITH FRAME AND COVER
32. PROVIDE AND INSTALL DOMESTIC STOP BOX PER DWSD STANDARDS
33. PROVIDE AND INSTALL NEW GAS SERVICE WITH TAP, VALVE AND METER FOR OUTDOOR FIRE PIT, COORDINATED WITH DTE GAS

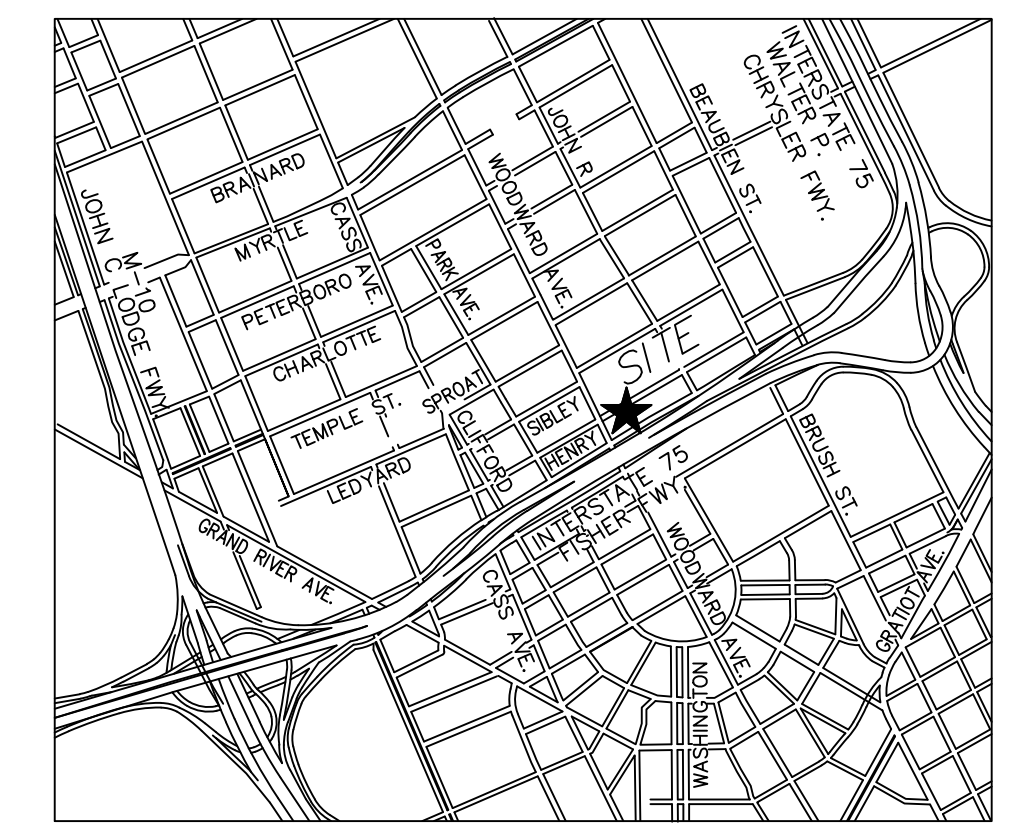
CONTAMINATED SITE SOIL REMEDIATION NOTES

REFER TO THE SOIL MANAGEMENT PLAN FOR THE HENRY STREET REDEVELOPMENT FOR FURTHER INFORMATION ON CONTAMINATED SOIL MANAGEMENT AND DISPOSAL REQUIREMENTS, AND HEALTH AND SAFETY CONSIDERATIONS.

TOGETHER THE 8 INCHES OF CLEAN SOIL AND 4 INCHES OF CLEAN TOPSOIL CONSTITUTE AN EXPOSURE BARRIER TO PREVENT CONTACT WITH THE PRE-EXISTING SITE SOIL BELOW. ALL EXCAVATION THAT OCCURS AFTER THE 8 INCHES OF CLEAN IS PLACED MUST BE CONDUCTED SO AS NOT TO PENETRATE THE CLEAN SOIL. IF DEEPER EXCAVATION IS REQUIRED, ALL PRE-EXISTING SITE SOIL ALONG WITH THE BOTTOM 2 INCHES OF CLEAN SOIL MUST BE SEGREGATED FROM CONTACT WITH CLEAN SOIL AND TOPSOIL DISPOSED AT A LICENSED LANDFILL. FOR EXCAVATION AFTER THE CLEAN SOIL IS PLACED, 6-MIL VISQUEEN OR SIMILAR MUST BE PLACED DIRECTLY NEXT TO THE EXCAVATION. EXCAVATED SOIL MAY BE STOCKPILED ON THE VISQUEEN OR LOADED DIRECTLY INTO CONTAINERS OR TRUCKS. IF ANY PRE-EXISTING SITE SOIL PLUS THE UPPER 2 INCHES OF CLEAN SOIL OR TOPSOIL, MUST BE REMOVED AND DISPOSED.

UTILITY NOTE

THE OMISSION OF ANY CURRENT STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR FROM THIS REQUIREMENT. THE WORK SHALL BE PERFORMED IN COMPLETE CONFORMANCE WITH THE CURRENT DWSD STANDARD SPECIFICATIONS AND DETAILS.

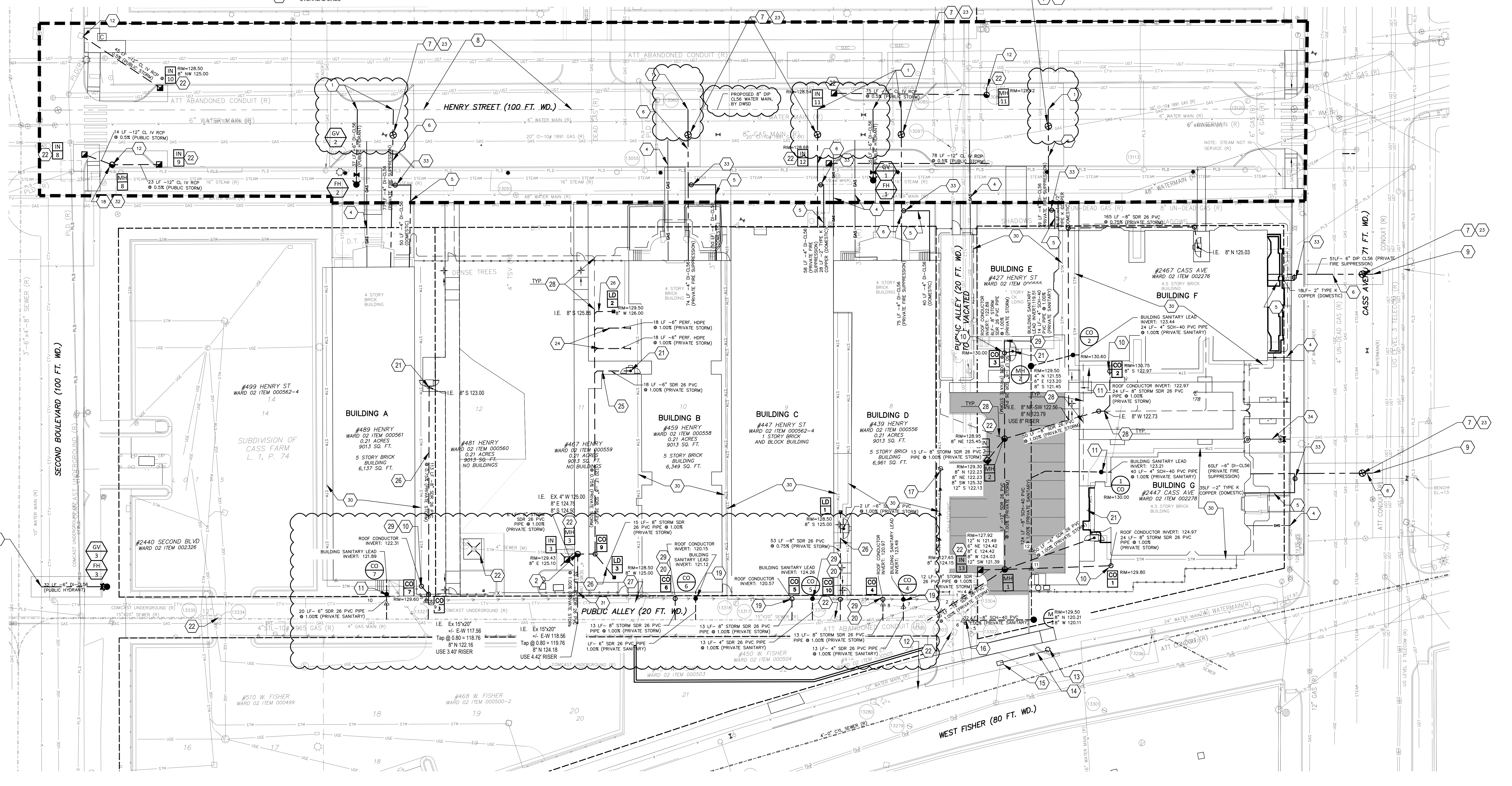


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811
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DATE	ISSUE
04-28-2023	PERMIT REVISIONS
12-21-2022	ISSUED FOR BID
12-07-2022	ISSUED FOR PERMIT

Developed For:
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 Detroit, MI 48226
 Client Phone
 Client Fax

**UTILITY PLAN
 ROW IMPROVEMENTS**
 Henry Street
 Redevelopment
 City of Detroit
 Wayne County
 MICHIGAN

Date: 11.04.2020
 Scale: 1"=20'
 Sheet: C-700
 Project: 18275-147D

V18275-147D Cass Village Apartments - Task Order: 99 Design CAD/Work Sheets/Permit Sub/ROW Improvements/C-700 Utility Plan.dwg