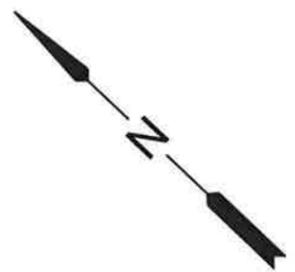


	A	B	D	E	F	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	Case Name: Hartley Dodge Memorial Building																			
2	PI #: 008511																			
3	<b>IMPORTANT:</b> Do not copy and paste into more than 1 cell at a time because it can disrupt hidden equations																			
4	Case Inventory Document Version 1.3 06/25/14																			
5	AOC ID	AOC Type	AOC Details	Confirmed Contamination	AOC Status	Status Date	Incident #	DEP AOC Number	Contaminated Media	Contaminants of Concern	Additional Contaminants of Concern	Additional Contaminants of Concern	Applicable Remediation Standard	Exposure Route	Additional Exposure Route	RA Type	Additional RA Type	Additional RA Type	Was an Order of Magnitude Evaluation Conducted?	Activity
6	AOC 1	Storage tank and appurtenance - Federal Regulated Under ground storage tank	UST 0013; 550-gallon gasoline UST at former police station	Yes	RI	5/1/2016	91-02-20-1607-19; C90-0059; CTN 10416		Soil	VO			Soil Cleanup Criteria (MUST have RAW approved for AOC prior to 12/2/2008)	Ground Water		Excavation			Yes	The UST was abandoned in place in 1982. Upon removal on 2/20/1991, it was noted to have holes at the northern end and three cubic yards of contaminated soil was removed. Additional excavation was restricted by surface structures. Additional soil sampling has delineated the contamination to the applicable standards. The soils require additional remediation.
7	AOC 2	Storage tank and appurtenance - Federal Regulated Under ground storage tank	UST 0015; 550-gallon gasoline UST at former fire station	Yes	NFA-A DEP Issued (Unrestricted Use)	4/29/1992	91-02-19-1336-50; C90-0059		Soil	VO			Soil Cleanup Criteria (MUST have RAW approved for AOC prior to 12/2/2008)			Excavation				The UST was removed on 2/19/1991. A discharge was observed, and eight cubic yards of contaminated soil was removed. Two monitoring wells were installed and no groundwater contamination was noted. The wells were abandoned on 8/13/1992. No further action has been issued.
8	AOC 3	Storage tank and appurtenance - Federal Regulated Under ground storage tank	UST 0014; 4,000-gallon gasoline UST	Yes	NFA-A DEP Issued (Unrestricted Use)	3/24/1999	93-12-09-0754-09; C93-1079		Soil	VO			Soil Cleanup Criteria (MUST have RAW approved for AOC prior to 12/2/2008)			Excavation				The UST was removed on 6/11/96. The steel tank was in good condition but a surface spill had occurred at the fill pipe and 114 tons of contaminated soil was removed from east end. Ten post-excavation samples were collected and S-7 (4.5 ft bgs) and S-8 (5 ft bgs) exceeded the IGWSCC for xylenes (10 ppm). The NJDEP stated in their 3/24/1999 letter that no further soil investigation was required as there was no impact to groundwater.
9	AOC 4	Storage tank and appurtenance - Federal Regulated Under ground storage tank	USTs 0011 and 0012; 4,000 gallon #2 heating oil USTs	Yes	NFA-A DEP Issued (Unrestricted Use)	8/16/1995	93-12-09-0754-09; C93-1080; C93-1081		Soil	TPHC			Soil Cleanup Criteria (MUST have RAW approved for AOC prior to 12/2/2008)							The two USTs were removed 12/9/1993. No information was available regarding the condition of the tanks or the soil results. No further action has been issued.
10	AOC 5	Environmental media - Media Ground water	Groundwater as a result of the discharge from UST 0013	Yes	RI	5/1/2016	91-02-20-1607-19		Ground Water	VO			Remediation Standards			Other				Groundwater contamination was noted at MW-1 adjacent to the former UST 0013 location. Additional wells were installed to delineate, and contamination was noted at MW-4 that was installed downgradient of UST 0014. The contamination at MW-4 was likely the result of a discharge from the fill pipe from UST 0014. UST 0014 was removed, and groundwater contaminant concentrations have been below applicable standards at MW-4 since 2000. In the UST 0013 source area, remedial actions consisted of ORC injection (210 pounds on 5/9/2000; 90 pounds on 11/10/2000). Deeper soil contamination was noted in this area, so deeper groundwater samples were collected from 30-35 feet bgs and 45-50 feet bgs. The sample from 30-35 feet was more contaminated than shallow well MW-1. The sample from 45-49 feet had a benzene concentration of 55 ug/l, which allowed extrapolation to clean at 61 feet bgs. Additional deep groundwater samples were collected for horizontal delineation. The groundwater contamination is delineated. Remedial action of the source area will be proposed.
11	AOC 6	Environmental media - Media Air	Indoor Air at UST 0013	No	SI	2/29/2012	91-02-20-1607-19		None	VO			Remediation Standards	Inhalation		No Remedial Action				In the March 16, 2011 Notice of Deficiency, the NJDEP requested a vapor intrusion investigation. Indoor air samples were collected on 2/8/12 and the results submitted to the Borough on 2/29/12. The results indicated that indoor air had not been impacted by the contaminated groundwater. The results were compared to the March 2013 Indoor Air Screening Levels and the conclusion is confirmed. No further action is warranted.

KINGS ROAD

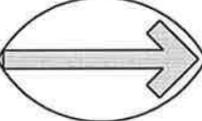
GREEN AVENUE

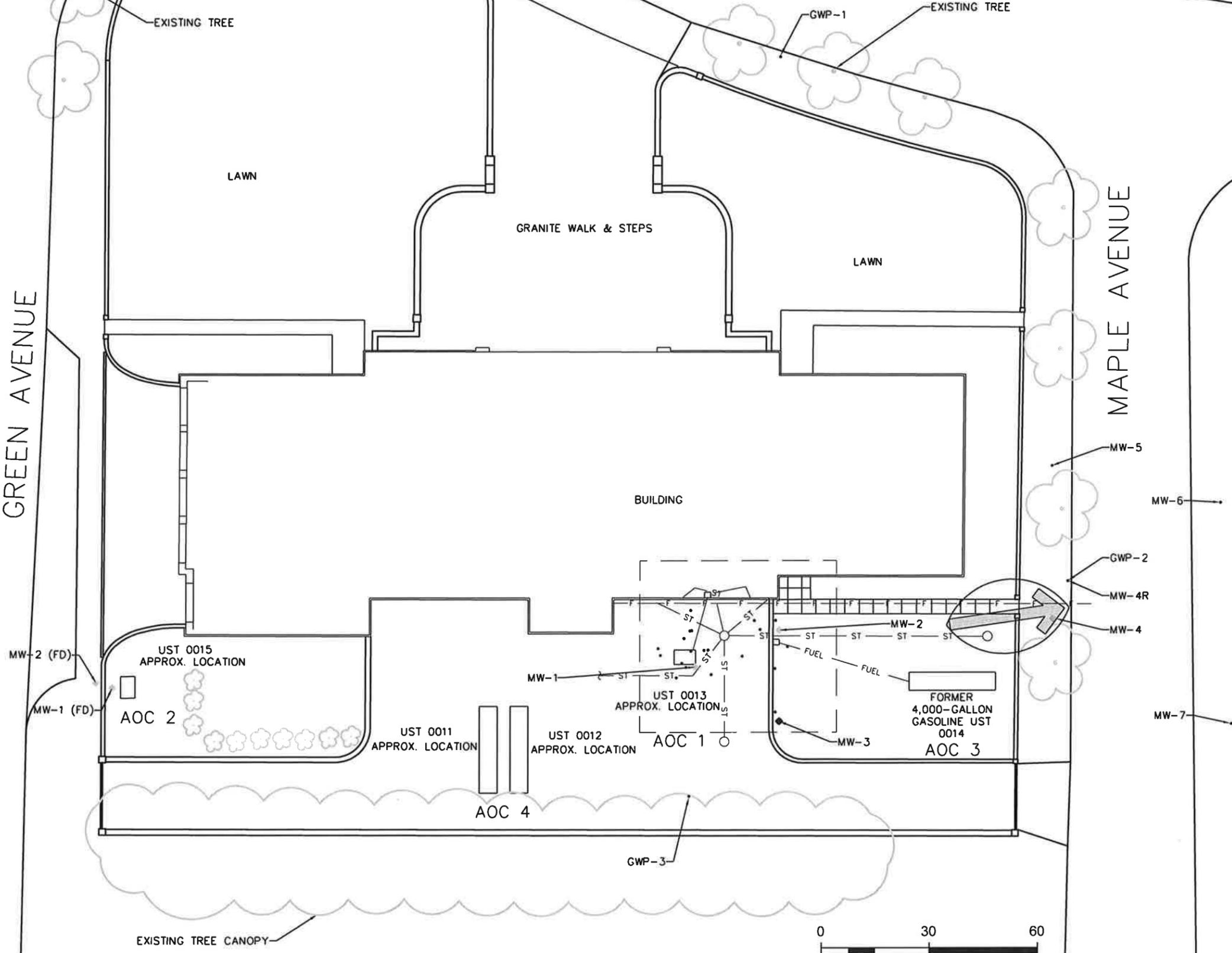
MAPLE AVENUE



NOTE:  
 AOC 5-GROUNDWATER  
 AOC 6-INDOOR AIR

LEGEND

-  GROUND WATER FLOW DIRECTION
-  TANK
-  MONITORING WELL
-  ABANDONED MONITORING WELL
-  TEMPORARY WELL
-  SOIL SAMPLE POINTS
-  FIBEROPTIC LINE
-  GAS LINE
-  STORM SEWER LINE



NOTE: FROM 1934 PLOT PLAN BY CHATLES A. HAUSSER

 Certificate No. 24GA28016600	HARTLEY DODGE MEMORIAL BUILDING BOROUGH OF MADISON, NJ CASE INVENTORY DOCUMENT MAP PI #008511				
	Designed	Drawn	Checked	Approved	Date