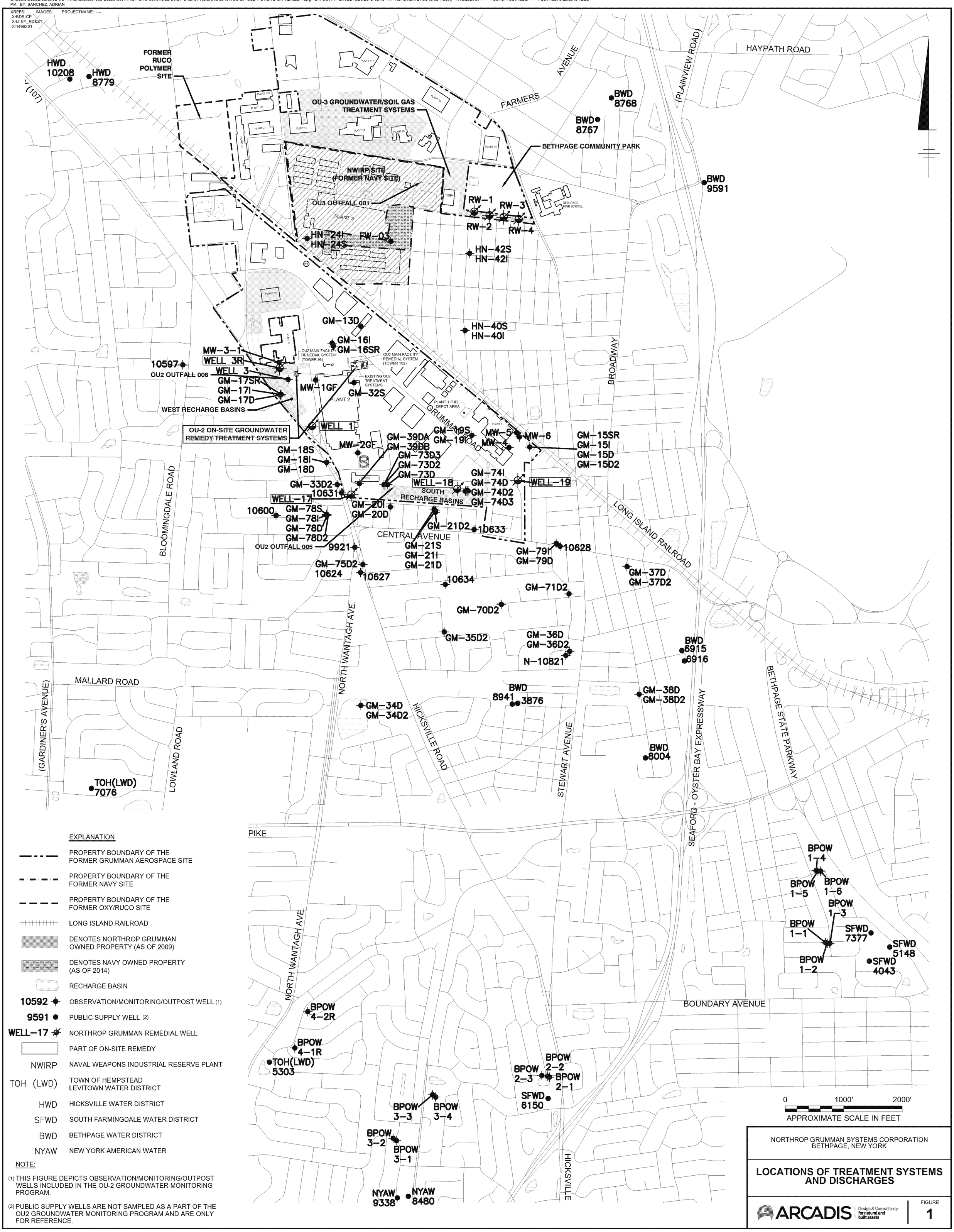


EXPLANATION

- PROPERTY BOUNDARY OF THE FORMER GRUMMAN AEROSPACE SITE
- PROPERTY BOUNDARY OF THE FORMER NAVY SITE
- PROPERTY BOUNDARY OF THE FORMER OXY/RUCO SITE
- LONG ISLAND RAILROAD
- DENOTES NORTHROP GRUMMAN OWNED PROPERTY (AS OF 2009)
- DENOTES NAVY OWNED PROPERTY (AS OF 2014)
- RECHARGE BASIN
- 10592 — OBSERVATION/MONITORING/OUTPOST WELL (1)
- 9591 — PUBLIC SUPPLY WELL (2)
- WELL-17 — NORTHROP GRUMMAN REMEDIAL WELL
- PART OF ON-SITE REMEDY
- NWIRP — NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
- TOH (LWD) — TOWN OF HEMPSTEAD LEVITOWN WATER DISTRICT
- HWD — HICKSVILLE WATER DISTRICT
- SFWD — SOUTH FARMINGDALE WATER DISTRICT
- BWD — BETHPAGE WATER DISTRICT
- NYAW — NEW YORK AMERICAN WATER

NOTE:

(1) THIS FIGURE DEPICTS OBSERVATION/MONITORING/OUTPOST WELLS INCLUDED IN THE OU-2 GROUNDWATER MONITORING PROGRAM.

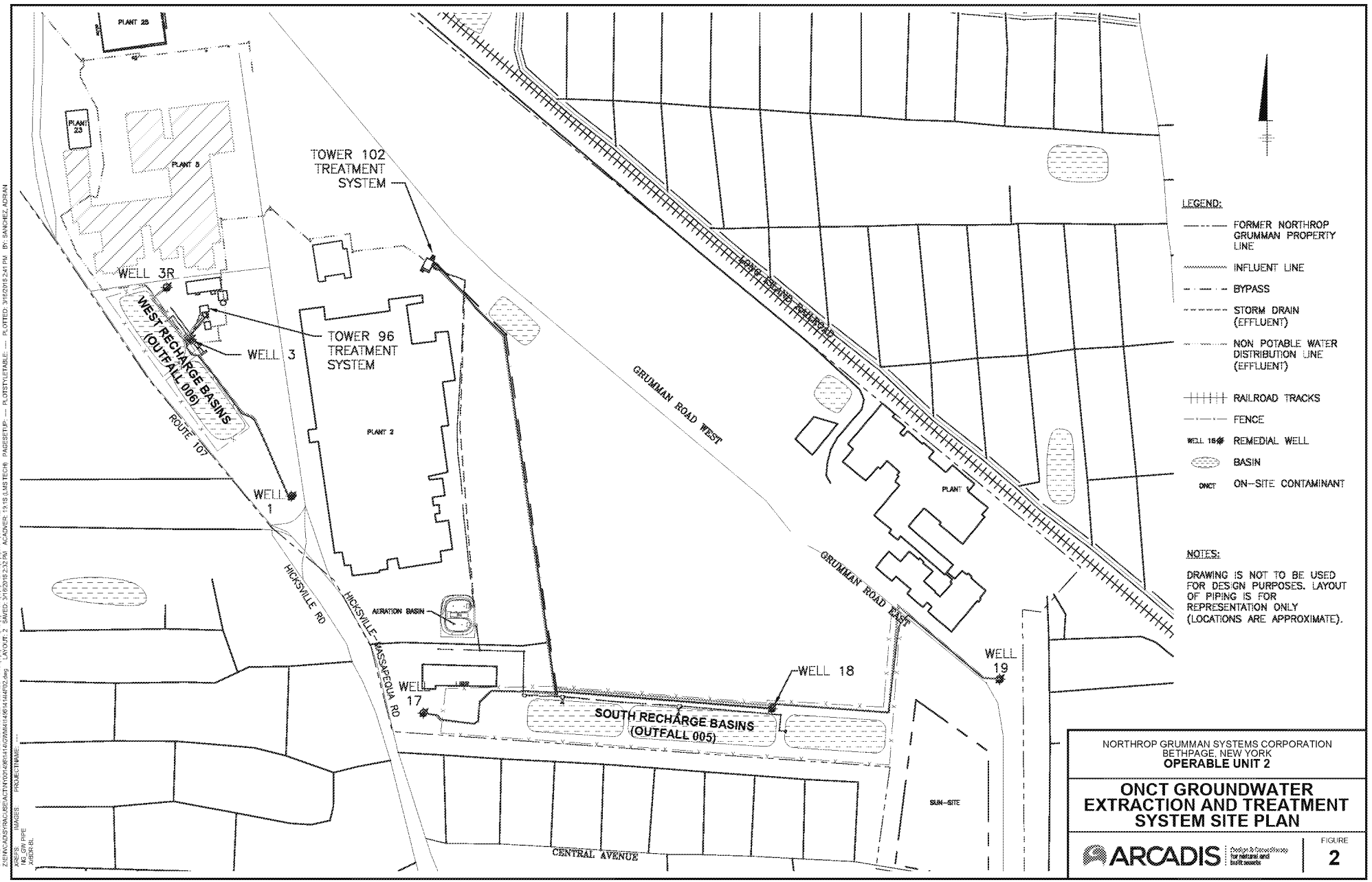
(2) PUBLIC SUPPLY WELLS ARE NOT SAMPLED AS A PART OF THE OU2 GROUNDWATER MONITORING PROGRAM AND ARE ONLY FOR REFERENCE.

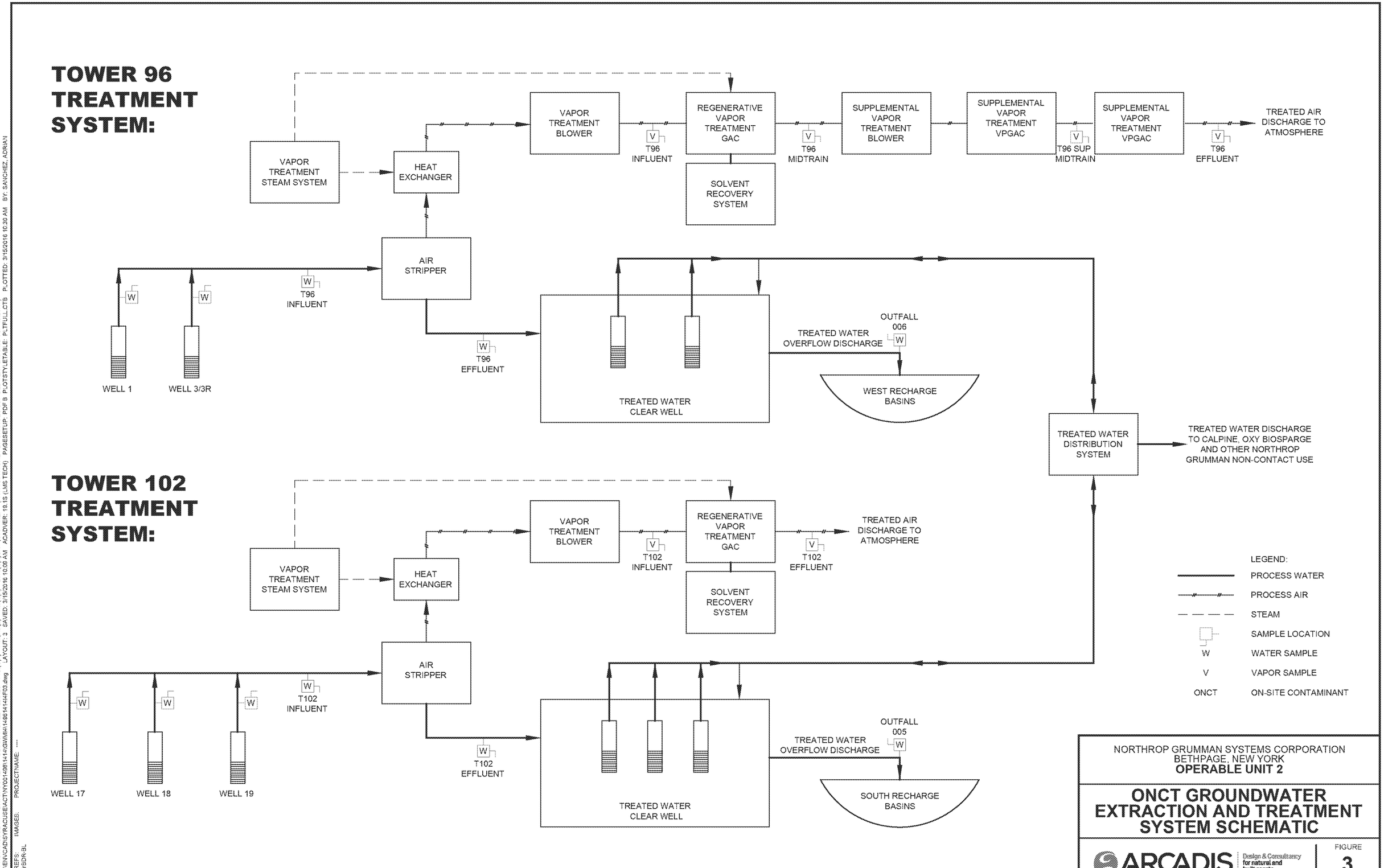
NORTHROP GRUMMAN SYSTEMS CORPORATION
BETHPAGE, NEW YORK

LOCATIONS OF TREATMENT SYSTEMS AND DISCHARGES

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1


PLANT 25
PLANT 23
PLANT 5
TOWER 102 TREATMENT SYSTEM
WELL 3R
WELL 3
TOWER 96 TREATMENT SYSTEM
WEST RECHARGE BASINS (OUTFALL 006)
ROUTE 107
PLANT 2
WELL 1
HICKSVILLE RD
HICKSVILLE-MASSAPEQUA RD
AERATION BASIN
WELL 17
WELL 18
SOUTH RECHARGE BASINS (OUTFALL 005)
GRUMMAN ROAD WEST
GRUMMAN ROAD EAST
LONG ISLAND RAILROAD
PLANT 1
WELL 19
SUN-SITE
CENTRAL AVENUE
LEGEND:
FORMER NORTHROP GRUMMAN PROPERTY LINE
INFLUENT LINE
BYPASS
STORM DRAIN (EFFLUENT)
NON POTABLE WATER DISTRIBUTION LINE (EFFLUENT)
RAILROAD TRACKS
FENCE
WELL 18 REMEDIAL WELL
BASIN
ONCT ON-SITE CONTAMINANT
NOTES:
DRAWING IS NOT TO BE USED FOR DESIGN PURPOSES. LAYOUT OF PIPING IS FOR REPRESENTATION ONLY (LOCATIONS ARE APPROXIMATE).
NORTHROP GRUMMAN SYSTEMS CORPORATION
BETHPAGE, NEW YORK
OPERABLE UNIT 2
ONCT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SITE PLAN
ARCADIS
FIGURE
2


TOWER 96 TREATMENT SYSTEM:
VAPOR TREATMENT STEAM SYSTEM
HEAT EXCHANGER
VAPOR TREATMENT BLOWER
T96 INFLUENT
REGENERATIVE VAPOR TREATMENT GAC
SOLVENT RECOVERY SYSTEM
T96 MIDTRAIN
SUPPLEMENTAL VAPOR TREATMENT BLOWER
SUPPLEMENTAL VAPOR TREATMENT VPGAC
T96 SUP MIDTRAIN
SUPPLEMENTAL VAPOR TREATMENT VPGAC
T96 EFFLUENT
TREATED AIR DISCHARGE TO ATMOSPHERE
AIR STRIPPER
T96 INFLUENT
WELL 1
WELL 3/3R
T96 EFFLUENT
TREATED WATER CLEAR WELL
TREATED WATER OVERFLOW DISCHARGE
OUTFALL 006
WEST RECHARGE BASINS
TREATED WATER DISTRIBUTION SYSTEM
TREATED WATER DISCHARGE TO CALPINE, OXY BIOSPARGE AND OTHER NORTHROP GRUMMAN NON-CONTACT USE
TOWER 102 TREATMENT SYSTEM:
VAPOR TREATMENT STEAM SYSTEM
HEAT EXCHANGER
VAPOR TREATMENT BLOWER
T102 INFLUENT
REGENERATIVE VAPOR TREATMENT GAC
SOLVENT RECOVERY SYSTEM
T102 EFFLUENT
TREATED AIR DISCHARGE TO ATMOSPHERE
AIR STRIPPER
T102 INFLUENT
WELL 17
WELL 18
WELL 19
T102 EFFLUENT
TREATED WATER CLEAR WELL
TREATED WATER OVERFLOW DISCHARGE
OUTFALL 005
SOUTH RECHARGE BASINS
LEGEND:
PROCESS WATER
PROCESS AIR
STEAM
SAMPLE LOCATION
W WATER SAMPLE
V VAPOR SAMPLE
ONCT ON-SITE CONTAMINANT
NORTHROP GRUMMAN SYSTEMS CORPORATION
BETHPAGE, NEW YORK
OPERABLE UNIT 2
ONCT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SCHEMATIC
ARCADIS Design & Consultancy for natural and built assets
FIGURE 3