

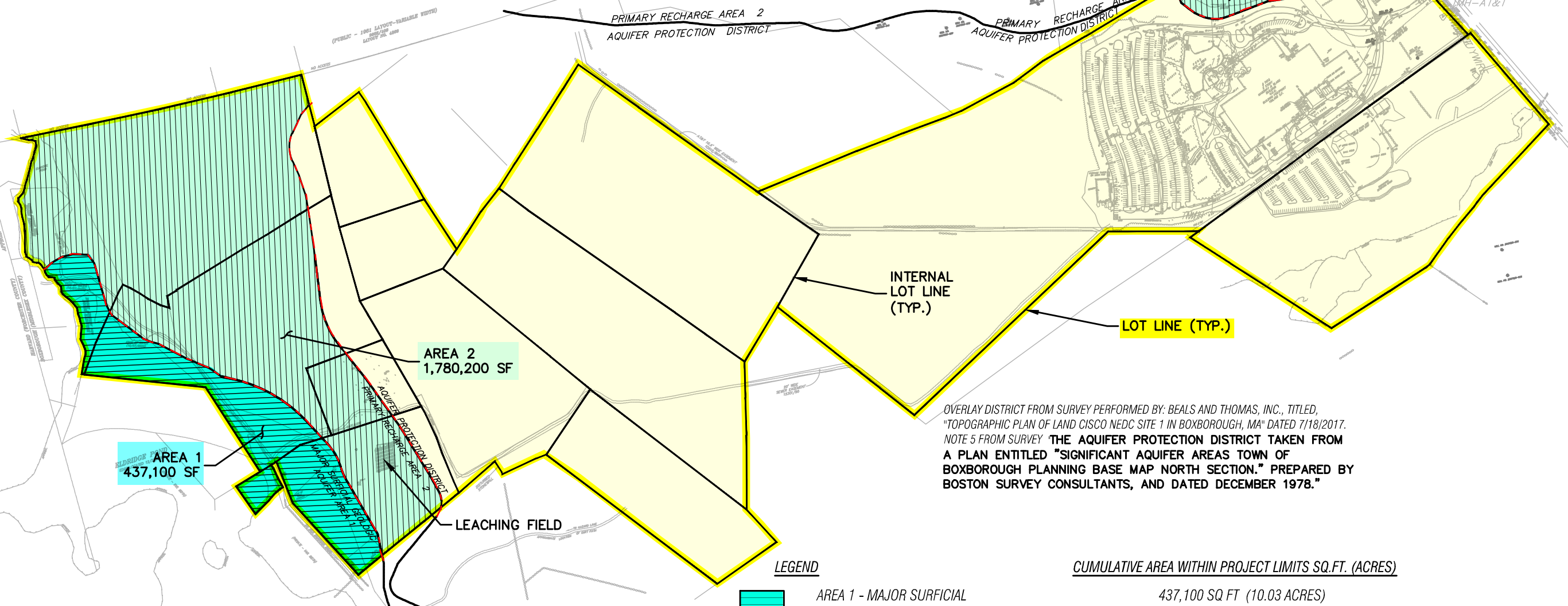
4/4/2021 6:00 PM

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ARTICLE VII SPECIAL REGULATIONS  
7000 AQUIFER PROTECTION DISTRICT



7003 LOCATION OF AQUIFER PROTECTION DISTRICTS

For the purposes of these districts, there are hereby established within the Town certain aquifer protection areas, consisting of aquifers and/or aquifer recharge areas, which are delineated on a map at a scale of 1 inch to 400 feet, prepared for the Town of Boxborough by Boston Survey Consultants and dated December 1978, and modified by IEP, Inc., September 1981 to show "Significant Aquifer Areas." This map is hereby made a part of this district and of the Town Zoning Bylaw and is on file in the Office of the Town Clerk.



OVERLAY DISTRICT FROM SURVEY PERFORMED BY: BEALS AND THOMAS, INC., TITLED, "TOPOGRAPHIC PLAN OF LAND CISCO NEDC SITE 1 IN BOXBOROUGH, MA" DATED 7/18/2017. NOTE 5 FROM SURVEY "THE AQUIFER PROTECTION DISTRICT TAKEN FROM A PLAN ENTITLED "SIGNIFICANT AQUIFER AREAS TOWN OF BOXBOROUGH PLANNING BASE MAP NORTH SECTION." PREPARED BY BOSTON SURVEY CONSULTANTS, AND DATED DECEMBER 1978."

**LEGEND**

	AREA 1 - MAJOR SURFICIAL GEOLOGIC AQUIFER
	AREA 2 - PRIMARY RECHARGE AREA

**CUMULATIVE AREA WITHIN PROJECT LIMITS SQ.FT. (ACRES)**

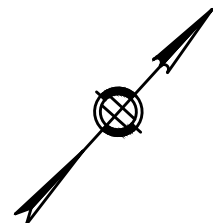
437,100 SQ FT (10.03 ACRES)	(LOADING - 4,415 GAL/DAY)
1,925,600 SQ FT (44.20 ACRES)	(LOADING - 19,447 GAL/DAY)

TOTAL AREA OF AQUIFER PROTECTION OVERLAY: 1,925,300SQ FT (54.23 ACRES)  
(TOTAL LOADING: 23,863 GAL/DAY)

SCALE:  
1" = 500'



THE INTENT OF THIS FIGURE IS CONVEY THE AQUIFER OVERLAY DISTRICT INFORMATION FROM SURVEY PERFORMED BY: BEALS AND THOMAS, INC., TITLED, "ALTA/NSPS LAND TITLE SURVEY CISCO NEDC SITE 1 IN BOXBOROUGH, MA" DATED JUNE 14, 2018 AND UPDATED 4/2/2021.



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- ▶ Land Surveying
- ▶ Transportation Engineering
- ▶ Structural Engineering
- ▶ Green Infrastructure
- ▶ Planning
- ▶ GIS

**SUMMARY OF AQUIFER PROTECTION**  
 1414 MASSACHUSETTS AVENUE BOXBOROUGH, MA

PREPARED FOR  
**LINCOLN PROPERTIES**  
 BOSTON, MA

PROJECT #	21995
FILE:	
SCALE:	1"=500'
DATE:	
PROJECT MGR:	SAB
SURVEYOR:	BEALS&THOMAS
DRAFTED BY:	SAB
CHECKED BY:	

SHEET:

**FIG-1**

OF REV.

Summary Table 1 - Aquifer Overlay District

Description	Area 1		Area 2		Rounded Area 1	
	SQ. FT.	Acres	SQ. FT.	Acres	SQ. FT.	Acres
South at Wetlands - Area 1 From Survey	437,153	10.04			437,100	10.03
South at Wetlands - Area 2 From Survey			1,780,232	40.87		
Northwest at Wetlands - South of Adams Place Area 2 From Survey			95,944	2.20		
Northwest at Wetlands - North of Adams Place Area 2 From Map Overlay			49,236	1.13		
<b>Totals</b>	<b>437,153</b>	<b>10.04</b>		<b>44.20</b>	<b>437,100</b>	<b>10.034</b>

Summary Table 2 - Aquifer Loading (For rounded Areas)

Description	Area (acres)	Loading (g/d/acre)	Total Loading	Loading
Area 1	10.03	440	4,415	Gallons per Day
Area 2	44.20	440	19,447	Gallons per Day
<b>Totals</b>	<b>54.23</b>		<b>23,863</b>	Gallons per Day