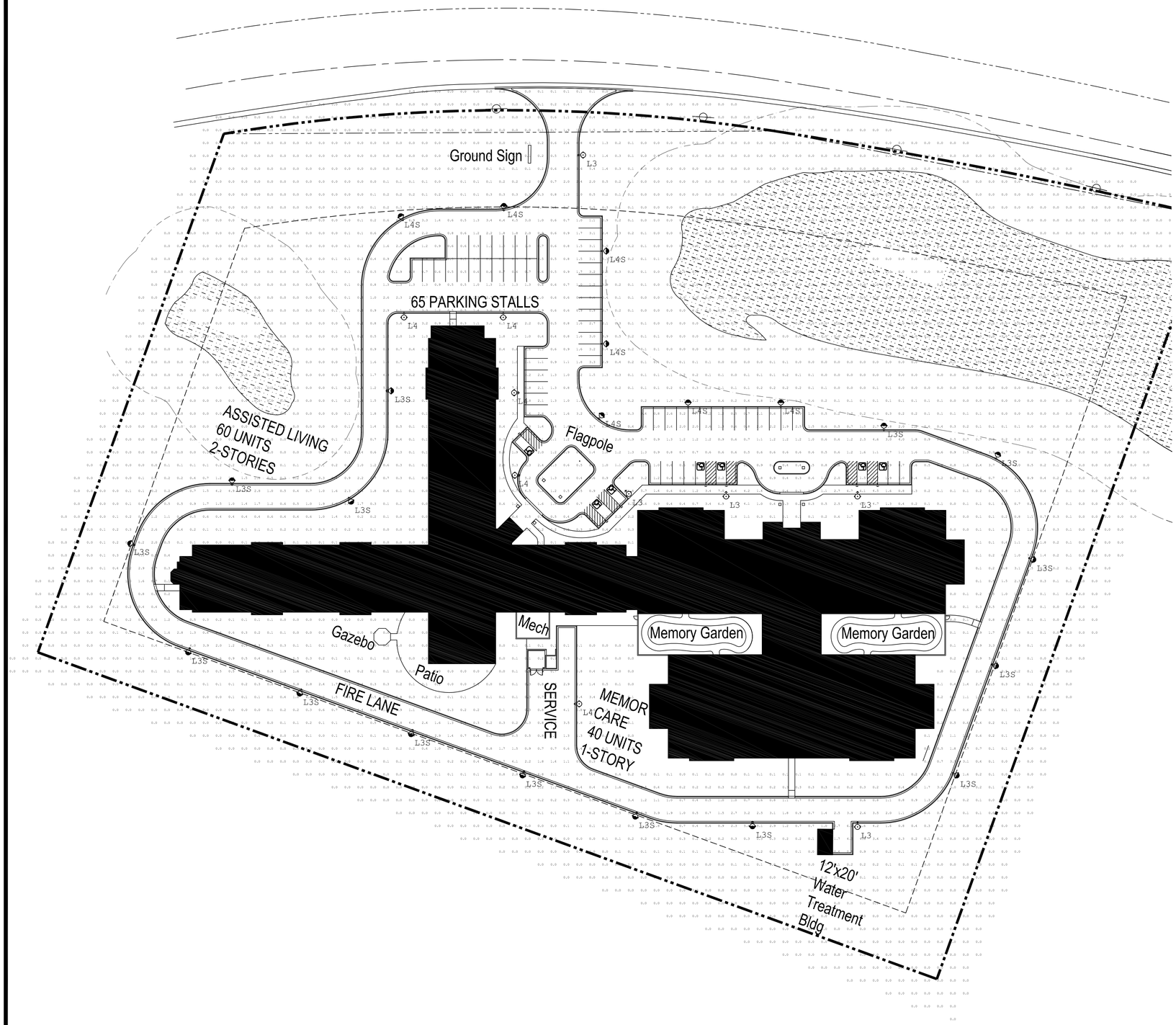

JOB NAME / AGENCY

LONG GROVE

Pilipuf-Grist & Associates, Inc.

POINT-BY POINT CALCULATION

Illuminance at Grade (Footcandles)
1" = 40'

NOTES:

See schedule for luminaire specifications.
Luminaire Symbols are not to scale.
Varying the position, mounting height, or orientation from what is specified in this drawing will invalidate the calculation performed.

U.S. ARCHITECTURAL LIGHTING
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DATA SUMMARY

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PARKING LOT	Illuminance	Fc	1.55	7.1	0.4	3.88	17.75
PERIMETER DRIVE	Illuminance	Fc	1.64	6.7	0.4	4.10	16.75

LUMINAIRE SCHEDULE

Type	*Symbol*	*Manufacturer / Catalog #*	*Description*	*Lamp Description*	*LLF*	*# of Type*
L3		SUN VALLEY LIGHTING (1)SHOREWOOD-PT-HR-III-150HPS	Post Top Mounted, 11'0" Pole Height. Single Luminaire Pole. Type HR-III Reflector. Orient as Shown In Plan.	150 Watt High Pressure Sodium 16,000 Initial Lumens	0.72	5 Tot.
L4		SUN VALLEY LIGHTING (1)SHOREWOOD-PT-HR-IV-150HPS	Post Top Mounted, 11'0" Pole Height. Single Luminaire Pole. Type HR-IV Reflector. Orient as Shown In Plan.	150 Watt High Pressure Sodium 16,000 Initial Lumens	0.72	5 Tot.
L3S		SUN VALLEY LIGHTING (1)SHOREWOOD-PT-HR-III-150HPS-HS	Post Top Mounted, 11'0" Pole Height. Single Luminaire Pole. Type HR-III Reflector, Houseside Shield. Orient as Shown In Plan.	150 Watt High Pressure Sodium 16,000 Initial Lumens	0.72	15 Tot.
L4S		SUN VALLEY LIGHTING (1)SHOREWOOD-PT-HR-IV-150HPS-HS	Post Top Mounted, 11'0" Pole Height. Single Luminaire Pole. Type HR-IV Reflector, Houseside Shield. Orient as Shown In Plan.	150 Watt High Pressure Sodium 16,000 Initial Lumens	0.72	7 Tot.

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U.S. ARCHITECTURAL LIGHTING

Drawing: **Point-By-Point Illuminance Calculation (At Grade)**

Job: ***LONG GROVE***

Agency: **Pilipuf-Grist & Associates, Inc.**

LCP 4/23/14
1" = 40'

L1