

(IN FEET)

1 inch = 20 ft.

GENERAL NOTES:

- 1. SURVEY INFORMATION AND TOPOGRAPHY BASED UPON THE MAP ENTITLED "ALTA/ACSM SURVEY PROPERTY TAX LOT 45 SITUATE IN THE TOWN OF OSSINING, WESTCHESTER COUNTY, NEW YORK" PREPARED BY THOMAS C. MERRITTS LAND SURVEYORS, P.C. DATED (LAST REVISED) JANUARY 20, 2014.
- 2. THE WATERCOURSE SHOWN HEREON WAS DELINEATED IN THE FIELD BY THE THE TOWN'S WETLAND CONSULTANT ON MAY 27, 2015.
- 3. ALL VEGETATION SHOWN ON THESE PLANS SHALL BE MAINTAINED IN A HEALTHY AND VIGOROUS GROWING CONDITION THROUGHOUT THE DURATION OF THE PROPOSED USE OF THE SITE. ANY VEGETATION NOT SO MAINTAINED SHALL BE REPLACE WITH NEW COMPARABLE VEGETATION AT THE BEGINNING OF THE NEXT GROWING SEASON.
- 4. ALL EXTERIOR LIGHTING SHOWN ON THESE PLANS SHALL BE SHIELDED AND/OR DIRECTED SO AS TO ELIMINATE ANY GLARE FROM BEING OBSERVABLE FROM ADJOINING STREETS AND PROPERTIES.
- 5. ALL UTILITY LINES ASSOCIATED WITH THIS PROJECT SHALL BE LOCATED UNDERGROUND.
- 6. SEE ARCHITECTURAL PLANS PREPARED BY DENNIS D. SMITH, AIA ARCHITECT FOR BUILDING INFORMATION.
- 7. SEE LIGHTING PLAN BY ARCHITECT FOR LIGHTING DESIGN INFORMATION.
- 8. ALL EXTERIOR LIGHTING SHOWN ON THIS PLAN SHALL BE SHIELDED AND/OR DIRECTED SO AS TO ELIMINATE ANY GLARE FROM BEING OBSERVABLE FROM ADJOINING STREETS AND PROPERTIES.

REGULATION	MIN./MAX. DISTRICT REQUIREMENTS (GB)	PROPOSED
LOT AREA	20,000 SF (MIN)	66,676 SF
FRONTAGE	50 FEET (MIN)	255 FT
LOT WIDTH	100 FEET (MIN)	255 FT
LOT DEPTH	130 FEET (MIN)	259 FT
FRONT YARD SETBACK	30 FEET (MIN)	76 FT
SIDE YARD SETBACK	0 FEET (MIN)	20.5 FT
SIDE ALONG RESIDENTIAL	30 FEET (MIN)	N/A
REAR YARD ALONG RESIDENTIAL	30 FEET (MIN)	30 FT
BUILDING HEIGHT (FEET)	35 FEET (MAX)	35 FT
BUILDING HEIGHT (STORIES)	2.0 STORIES (MAX)	2.0 STORIES
BUILDING COVERAGE	30% (MAX)	27%
PARKING SPACES	0.5 SPACE PER BED	41 SPACES
	0.5 * 64 = 32 SPACES	

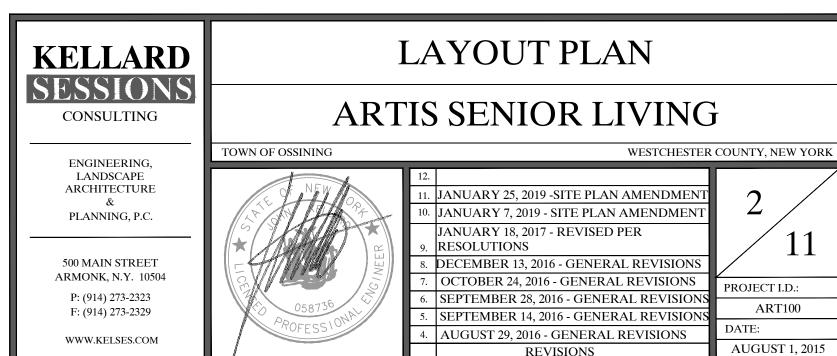
<u>LEGEND</u>

	EXISTING 10' CONTOUR
_ — — — — — — — — — — — — — — — — — — —	EXISTING 2' CONTOUR
× 375.94	EXISTING SPOT ELEVATION
· · · · ·	TOWN REGULATED WATERCOURSE
	100' TOWN WETLAND BUFFER
	TOWN REGULATED WETLAND, SURVEY LOCATED
	TOWN REGULATED WETLAND, CONFIRMED IN FIELD
	EXISTING ZONING BOUNDARY
······································	PROPOSED 8' STOCKADE FENCE

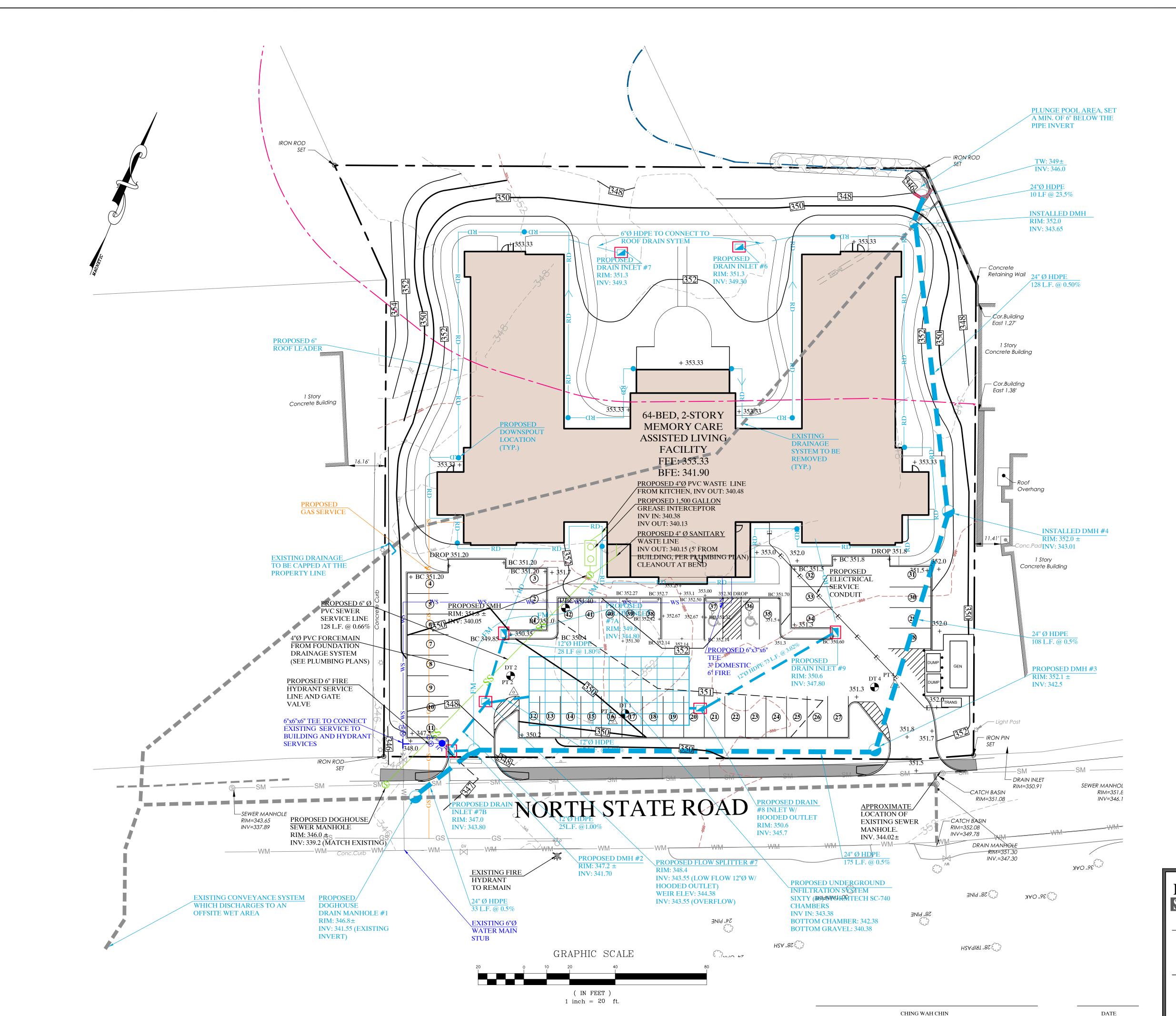
EXISTING PROPERTY LINE

CHING WAH CHIN

PLANNING BOARD CHAIR TOWN OF OSSINING DATE



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- 6. SEE ARCHITECTURAL PLANS PREPARED BY DENNIS D. SMITH, AIA ARCHITECT FOR BUILDING INFORMATION
- 7. ALL EXISTING SITE FEATURES SHALL BE DEMOLISHED AND REMOVED OFF SITE IN A SAFE A LEGAL MANNER; UNLESS OTHERWISE NOTED.
- 8. THERE WILL BE NO SURFACE FLOWS FROM THE ARTIS DEVELOPMENT DISCHARGING TO THE OFFSITE WETLAND/WATERCOURSE TO THE WEST. IN ADDITION, EXISTING FLOWS FROM THE OFFSITE WETLAND/WATERCOURSE WILL NOT BE DIMINISHED AS A RESULT OF THE ARTIS DEVELOPMENT.

SOIL TESTING RESULTS

 $\frac{\text{TP-1}}{0" \text{ TO } 8"}$ TOPSOIL

8" TO 24" SLIGHTLY COMPACTED RED SILTY LOAM
24" TO 84" SLIGHTLY COMPACTED BROWN SAND W/ SILT

TP-2

PLANNING BOARD CHAIR

TOWN OF OSSINING

0" TO 4" TOPSOIL 4" TO 84" SLIGHTLY COMPACTED BROWN SAND W/ SILT

WITH 8" COBBLES TP-3

TP-3 0" TO 4" TOPSOIL

4" TO 48" SLIGHTLY COMPACTED BROWN SAND W/ SILT 48"+ WEATHERED BOULDERS, VERY COMPACT

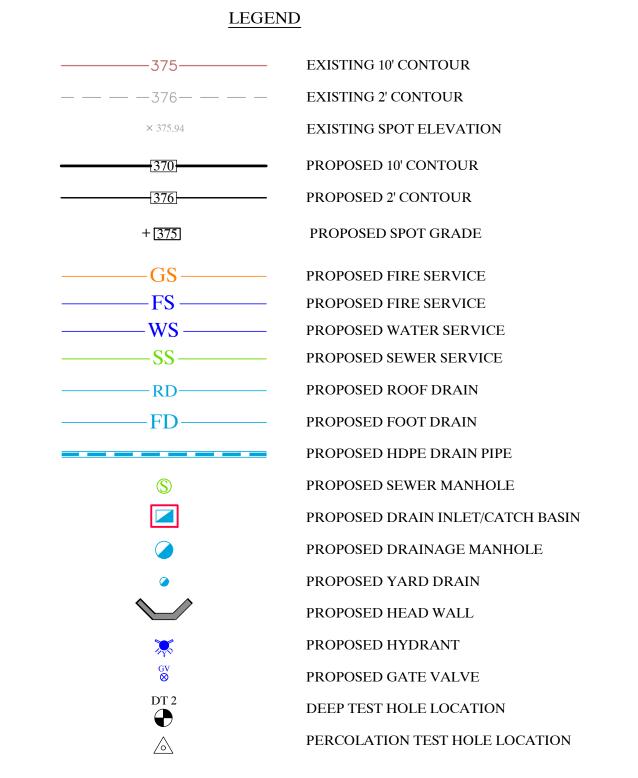
 $\frac{\text{TP-4}}{0" \text{ TO } 6"}$ TOPSOIL

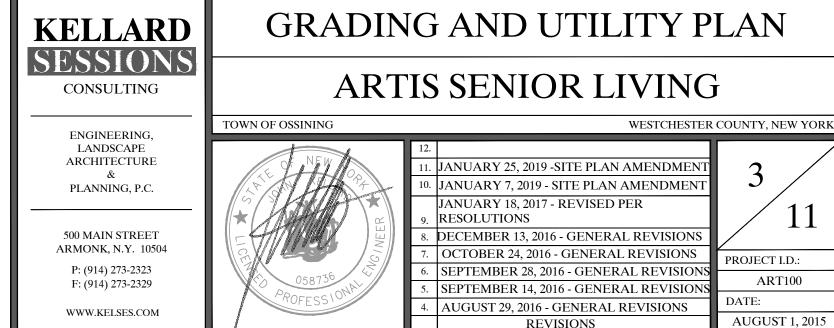
6" TO 36" SLIGHTLY COMPACTED BROWN SANDY LOAM 36" TO 72" SLIGHTLY COMPACTED BROWN SAND

PERCOLATION TEST #1 = 6 MIN/INCH

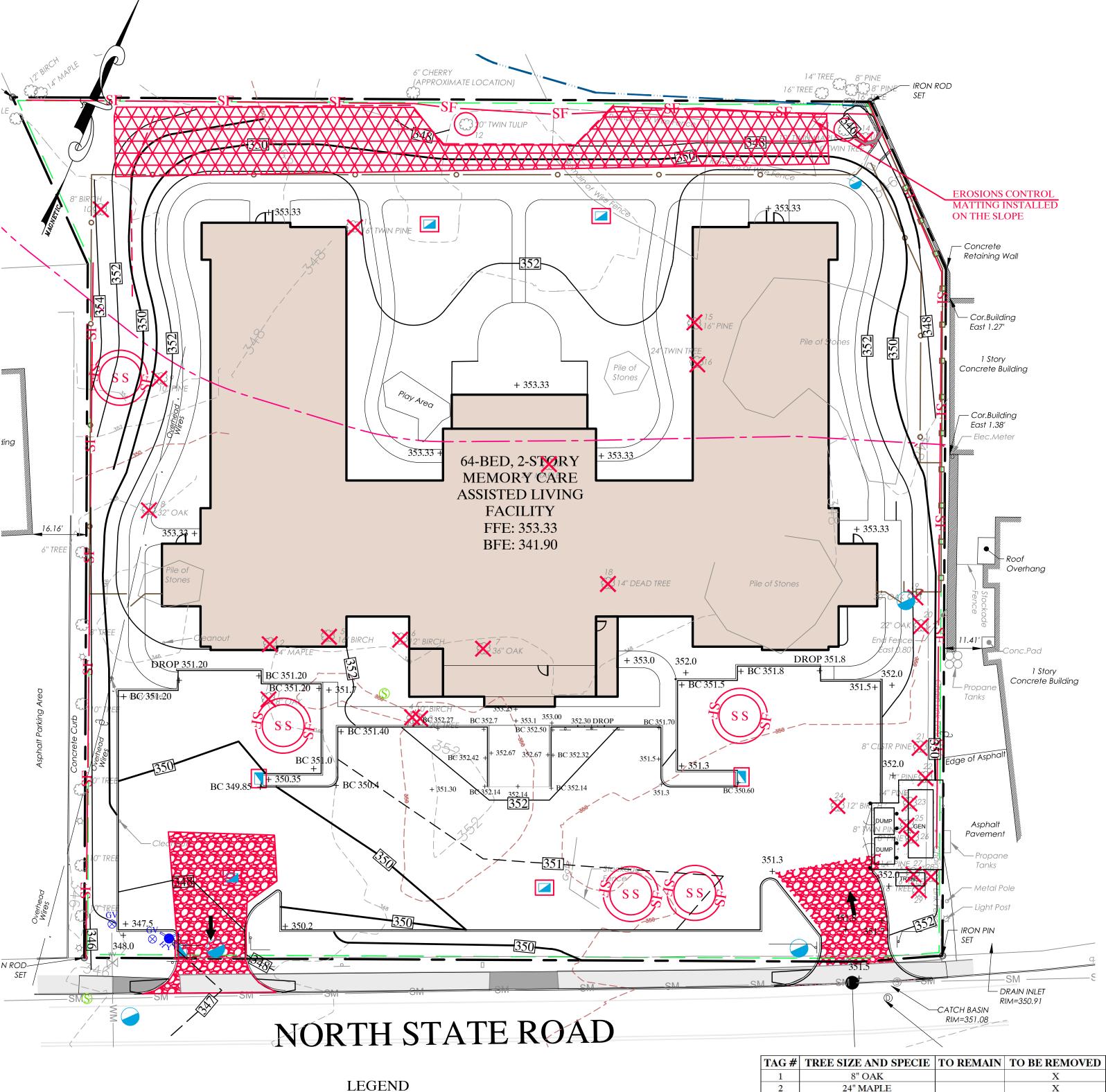
PERCOLATION TEST #2 = 5 MIN/INCH PERCOLATION TEST #4 = 5 MIN/INCH

72"+ GROUNDWATER





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<u>LEGEND</u>					
EXISTING 2' CONTOUR		PROPOSED 2' CONTOUR	446		
EXISTING 10' CONTOUR		PROPOSED 10' CONTOUR	450		
EXISTING SPOT GRADE	× 447.07	PROPOSED CONCRETE CURB			
TOWN REGULATED WETLAND		PROPOSED DRAIN INLET W/ INLET PROTECTION			
100' WATERCOURSE BUFFER		PROPOSED SILT FENCE	SF		
EXISTING DRAINAGE PIPE		PROPOSED LIMIT OF DISTURBANCE			
TREE TO BE PROTECTED		TROTOGLE EINIT OF EIGTEREAUCE			
TREE TO BE REMOVED	×	TEMPORARY SOIL STOCKPILE	SS		

EROSION CONTROL

BLANKETS

TREE PROTECTION FENCE

1	8" OAK		X
2	24" MAPLE		X
3	20" TREE		X
4	10" BIRCH		X
5	16" BIRCH		X
6	12" BIRCH		X
7	36" OAK		X
8	32" OAK		X
9	10" PINE		X
10	8" BLACK BIRCH		X
11	16" TWIN PINE		X
12	20" TWIN TULIP	X	
13	10" TWIN MAPLE	X	
14	14" TWIN TREE		X
15	16" PINE		X
16	24" TWIN TREE		X
17	24" MAPLE		X
18	14" DEAD TREE		X
19	30" OAK		X
20	22" OAK		X
21	8" CLSTR PINE		X
22	14" PINE		X
23	14" PINE		X
24	12" BIRCH		X
25	8" TWIN PINE		X
26	8" PINE		X
27	14" PINE		X
28	16" TREE		X
29	16" TREE		X

EROSION AND SEDIMENT CONTROL PLAN

All proposed soil erosion and sediment control practices have been designed in accordance with the following publications:

- New York Standards and Specifications for Erosion and Sediment Control, latest edition
- New York State SPDES General Permit for Stormwater Runoff from Construction Activity (GP-0-15-002)
- Town Code of Ossining Chapter 168 "Stormwater Management and Erosion and Sediment Control"

The primary aim of the soil erosion and sediment control plan is to reduce soil erosion from areas stripped of vegetation during and after construction and to prevent silt from reaching the drainage structures, infiltration systems and downstream properties. The infiltration systems will not be put into service until the contributing drainage areas to the system have been stabilized. As outlined in the construction sequencing notes below and on the Sediment & Erosion Control Plan, the Sediment & Erosion Control Plan is an integral component of the construction phasing and sequencing and will be implemented to control sediment and re-establish vegetation as soon as practicable. The plan will be implemented prior to the commencement of any earthmoving activities.

A copy of the contractor certification form is provided in Stormwater Pollution Prevention Plan Section F. This form will be signed by the contractor prior to the commencement of construction activity.

The owner/operator shall maintain at the construction site a copy of the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities, GP-0-15-002, the Notice of Intent (NOI), the NOI acknowledgment letter, the Stormwater Pollution Prevention Plan Report for Artis Senior Living, the MS4 SWPPP Acceptance Form and inspection reports from the qualified inspector until all disturbed areas have achieved final stabilization and the Notice of Termination (NOT) has been filed with the NYSDEC.

The applicant or developer or their representative shall be on site at all times when construction or grading activity takes place. A qualified inspector shall conduct site inspections a minimum of once every seven (7) calendar days. The qualified inspector shall inspect and document the effectiveness of all erosion and sediment control practices. The qualified inspector shall prepare an inspection report subsequent to each and every inspection. The reports shall be forwarded to the Town's Stormwater Management Officer and also copied to the site logbook. The qualified inspector must be a licensed Professional Engineer, a Certified Professional in Erosion and Sediment Control (CPESC), a Registered Landscape Architect or someone working under the direct supervision of, and at the same company as, the Licensed Professional Engineer or Registered Landscape Architect, provided they have received four (4) hours of NYSDEC endorsed training in proper erosion and sediment control principles from a soil and water conservation district.

The proposed soil erosion and sediment control devices include the planned erosion control practices outlined below. Maintenance procedures for each erosion control practice are also provided herein. The owner or operator must ensure that all erosion and sediment control practices identified herein are maintained in effective operating condition at all times.

STABILIZED CONSTRUCTION ENTRANCE

A stabilized construction entrance shall be installed at the project entrance as indicated on the plans. The purpose of the stabilized construction entrance is to prevent vehicles leaving the site from tracking sediment, mud or any other construction-related materials from the site onto North State Road.

Maintenance/Inspection

The Contractor shall maintain the construction entrance in a manner which prevents or significantly reduces the tracking of sediment/soil onto North State Road. The Contractor shall inspect the construction entrance daily and after each rain event for displacement or loss of aggregate. The Contractor shall top-dress the construction entrance when displacement/loss of aggregate occurs, or if the aggregate becomes clogged or silted to the extent that the entrance can no longer perform its intended function. The Contractor shall inspect the vicinity of the construction entrance several times a day and immediately remove any sediment dropped or washed onto North State Road.

SILT FENCE

Silt fence (geotextile filter cloth) shall be placed in locations depicted on the approved plans. The purpose of the silt fence is to reduce the velocity of sediment-laden stormwater from small drainage areas and to intercept the transported sediment load. In general, silt fence shall be used at the perimeter of disturbed areas, toe of slopes or intermediately within slopes where obvious channel concentration of stormwater is not present. Silt fence shall always be installed parallel to the contours in order to prevent concentrated flows from developing along the silt fence.

Maintenance/Inspection

Silt fencing shall be inspected at a minimum of every seven (7) days. Inspections shall include ensuring that the fence material is tightly secured to the wood posts. In addition, overlapping filter fabric shall be secure and the fabric shall be maintained a minimum of eight (8) inches below grade. In the event that any "bulges" develop in the fence, that section of fence shall be replaced immediately with a new fence section. Any visible sediment build-up against the fence shall be removed and deposited on-site a minimum of 100 feet from any wetland.

INLET PROTECTION

After the project's drain inlets have been installed and the site is completely constructed and stabilized, these drain inlets will receive stormwater from the driveway and overland watersheds. The inlet protection barrier will allow stormwater to be filtered prior to reaching the inlet grate.

Maintenance/Inspection

Inlet protection devices shall be inspected at a minimum of every seven (7) days. Care shall be taken to ensure that all inlet protection devices are properly located and secure and do not become displaced. Any accumulated sediments shall be removed from the device and deposited not less than 100 feet from a wetland.

SOIL/MATERIAL STOCKPILING

All soil/material stripped from the construction area during grubbing and grading shall be stockpiled in locations illustrated on the approved plans, or in practical locations on-site.

Maintenance/Inspection

All stockpiles shall be inspected (for signs of erosion or problems with seed establishment) at a minimum of once every seven (7) days. Soil stockpiles shall be protected from erosion by vegetating the stockpile with a rapidly-germinating grass seed and surrounded with either silt fence or staked weed-free haybales. In the non-growing season, the stockpiles shall be protected by a tarpaulin covering the entire stockpile.

SURFACE STABILIZATION

All disturbed areas will be protected from erosion with the use of vegetative measures (e.g., grass seed mix, sod) hydromulch, weed-free hay or American Excelsior Curlex NetFree Erosion Control Blankets.

Erosion control barriers consisting of silt fencing shall be placed around exposed areas during construction. Any areas stripped of vegetation during construction will be vegetated and/or mulched to prevent erosion of the exposed soils. In site areas where significant erosion potential exists (steep slopes/slopes exceeding 2:1) and/or where specifically directed, American Excelsior Curlex NetFree Erosion Control Blankets (Manufactured by American Excelsior or approved equal) shall be installed. Mulch is also used alone for temporary stabilization in non-growing months.

Materials that may be used for mulching include weed-free straw/ hay/salt hay, wood fiber, synthetic soil stabilizers, mulch netting, erosion control blankets or sod. A permanent vegetative cover will be established upon completion of construction of those areas which have been brought to finish grade and to remain undisturbed.

GENERAL LAND GRADING

The applicant or their representatives shall be on-site at all times when construction or grading activity takes place and shall inspect and document the effectiveness of all sediment and erosion control practices.

The intent of the erosion controls is to control all disturbed areas, such that soils are protected from erosion by temporary methods and, ultimately by permanent vegetation. All cut and fill slopes shall be kept to a maximum slope of 2:1. In the event that a slope must exceed a 2:1 slope, it shall be stabilized with stone rip-rap. On fill slopes, all material will be placed in layers not to exceed 9 inches in depth and adequately compacted. Where practicable, diversion swales shall be constructed on the top of all fill embankments to divert any overland flows away from the fill slope.

DUST CONTROL

Where vegetative or mulch cover is not practicable in disturbed areas of the site, dust shall be controlled by the use of water sprinkling. The surface shall be sprayed until wet. Dust control shall continue until such time as the entire site is adequately stabilized with permanent vegetative cover.

POLLUTION PREVENTION MEASURES FOR CONSTRUCTION RELATED ACTIVITIES

Pollution prevention practices for preventing litter, construction chemicals (if applicable) and construction debris from becoming a pollutant source in stormwater discharge includes daily pickup of construction debris, inspection, designated storage areas, and physical controls such as silt fencing and inlet protection. Inspections will also be conducted to ensure that dust control measures are utilized as necessary. During construction, maintenance, construction and waste materials will be stored within suitable areas/dumpsters, as appropriate, to minimize the exposure of the materials to stormwater and spill prevention. All maintenance and construction waste will be disposed of in a safe manner in accordance with all applicable regulations.

GENERAL CONSTRUCTION SEQUENCING

Outlined below is a brief listing of the construction sequencing for the project.

Prior to any interior site activity, the owner, contractor, owner's engineer and Town Engineer shall hold a pre-construction meeting.

Final stabilization as defined by the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities GP-0-15-002 is the establishment of a uniform perennial vegetative cover with a density of eighty (80) percent over the pervious surface once all soil disturbance activities have ceased. Cover can be vegetative (e.g., grass, trees, seed and mulch, shrubs or turf) or non-vegetative (e.g., geotextiles, rip-rap or gabions, pavement, roofs, etc.).

The applicant shall notify the Town of Ossining enforcement official at least 48 hours before any of the following as required by the Stormwater Management Officer:

- Start of construction.
- Installation of sediment and erosion control measures.
- Completion of site clearing.
 Completion of rough grading.
- Completion of final grading.
- Closure of the construction season.
- 7. Completion of final landscaping.
- 8. Successful establishment of landscaping in public areas.

York State licensed land surveyor or professional engineer.

The owners/contractor is required to submit As-Built plans for any stormwater management practices located on site after final construction is completed. The plan must show the final design specifications for all stormwater management facilities and must be certified by a New

Construction Sequencing

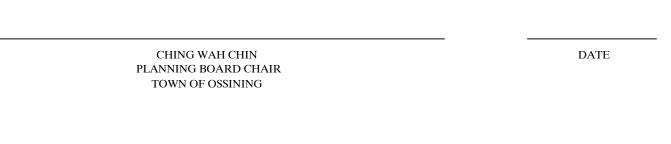
- Owner/operator to obtain all necessary permits/approvals.
- Owner/operator to conduct a pre-construction meeting.
 Contractor to stake clearing limits of disturbance for the project.
- 4. Contractor to install perimeter erosion controls.
- Contractor to install stabilized construction entrance.
 Contractor to install silt fence in locations as indicated on the Erosion & Sediment Control Plan.
- 7. Contractor to commence demolition of all existing site features.8. Contractor to commence clearing and grubbing for structures, parking and utilities.
- 9. Contractor to initiate general excavation of the parking lot, foundations and drainage facilities.
- 10. Contractor to stockpile excavated soil in soil stockpile locations to reclaim for further use (i.e., landscaping).
- 11. Contractor to stockpile excavated son in son stockpile locations to rectain for further use (i.e., landscap
- 12. Contractor to make necessary utility service connections.
- 14. The outlet of the drain inlet immediately upstream of the infiltration system shall be plugged or capped. This will keep the infiltration system off line during construction.
- 15. Contractor to install inlet protection around installed drainage facilities.
- 16. Contractor to complete storm drainage facilities.17. Contractor to rough grade parking lot, if required.

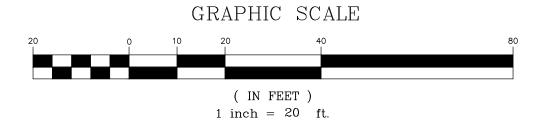
Contractor to initiate installation of drainage facilities.

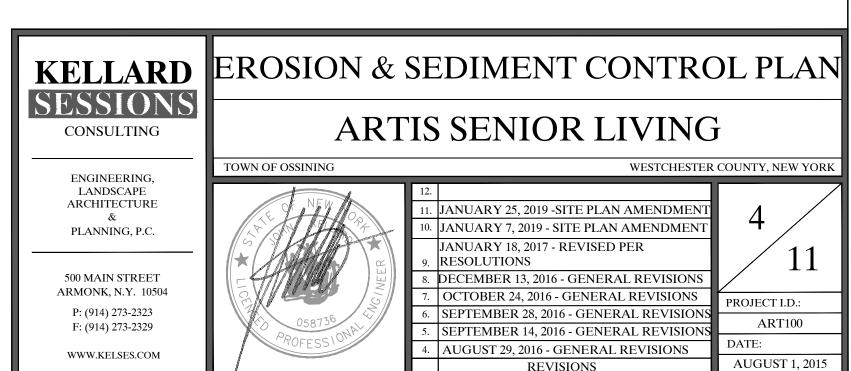
- 3. Contractor to provide dust control during construction as necessary.
- 19. Contractor to finish final grade of parking lot.
- 20. Contractor to re-vegetate disturbed areas.
- 21. Contractor shall final stabilize all drainage areas tributary to each stormwater facility.22. Contractor to install wetland mitigation measures.
- 23. Contractor shall remove silt fence, inlet protection, drain inlet plug and all erosion control practices upon final stabilization.
- 24. Re-vegetation of disturbed areas.25. Once site is stabilized, infiltration system to be placed on-line.
- 26. Contractor to install landscaping.
- 27. Remove sediment and erosion controls upon site stabilization.

Contact Person

The entity responsible for implementing the maintenance program will be the owner, its successors and/or assigns. The current owners are Artis Senior Living, LLC, 1651 Old Meadow Road, McLean, Virginia 22102, (703) 992-7985.







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