



WARNING: IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER AN ITEM IN ANY WAY. IF ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION "ALTERED BY FOLLOWED BY THEIR SIGNATURE AND THE DATE OF ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

**NICHOLS SEPTIC IMPROVEMENTS**  
 6689 STATE ROUTE 30, INDIAN LAKE, NY 12842

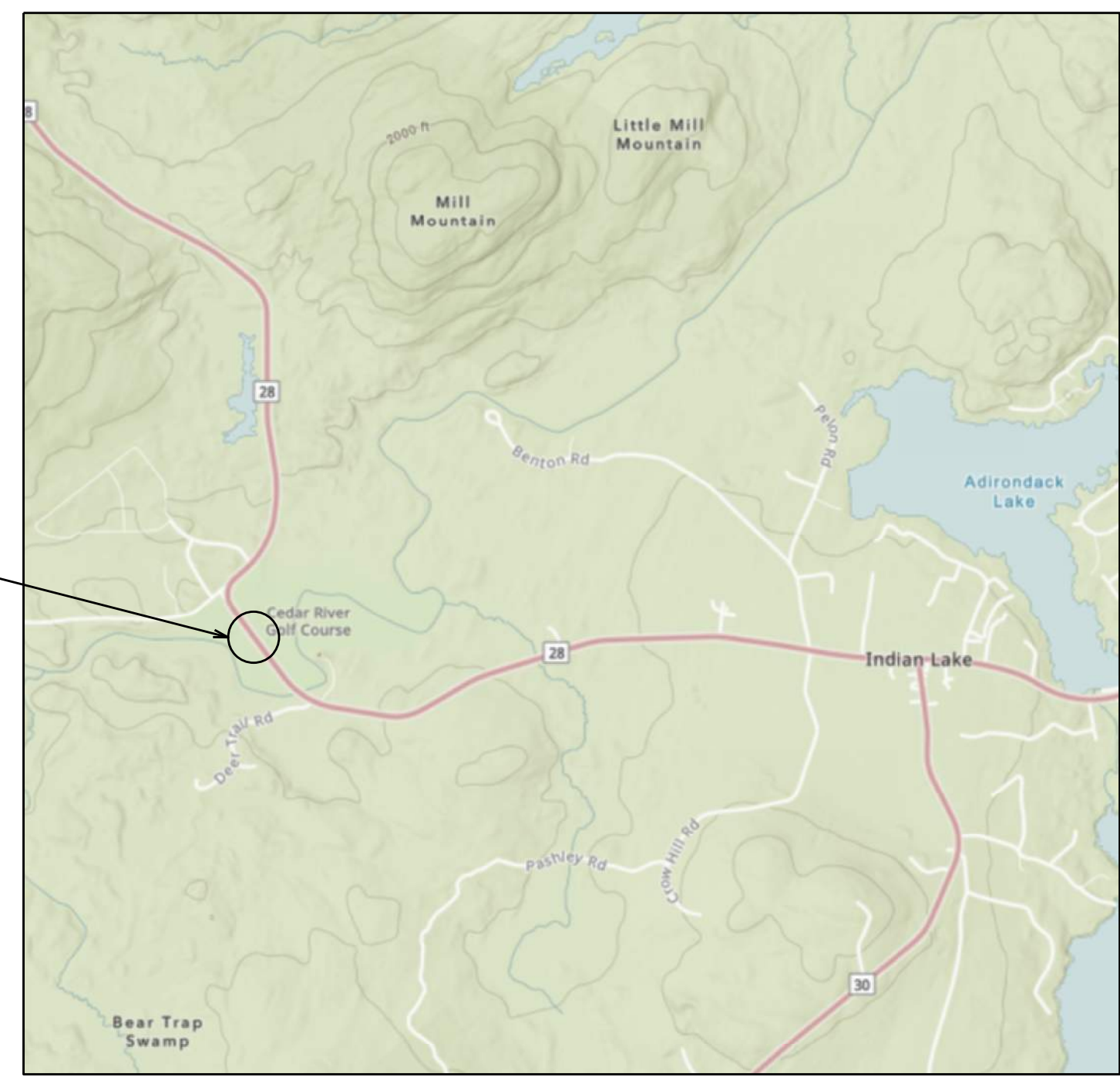
PROJECT NAME  
INDIAN LAKE, NY

DATE	ISSUED FOR	REV
5/12/26	CONSTRUCTION	
6/3/26	DDH/APA CHANGES	A
6/4/26	DDH CHANGES	B

DRAWN BY: RRG  
CHECKED BY: JAG  
PROJECT #: 26-021  
ORIGINAL 24"x36"

TITLE  
**SITE PLAN**

SHEET  
**C10**



LOCATION MAP  
NTS

**GENERAL NOTES**

- SITE PLAN BASED ON SURVEY BY LEIFHEIT & LITTLEFIELD, LS DATED 3 JULY 2024. ADDITIONAL FILED MEASUREMENTS BY NWE STAFF ON 28 APRIL 2026.
- CONTACT UDIG NEW YORK MIN TWO DAYS PRIOR TO ANY EXCAVATION (NOT INCLUDING DAY OF PHONE CALL).
- CONTACT NORTH WOODS ENGINEERING, PLLC AT (518) 891-4975, MIN 2 DAYS PRIOR TO CONSTRUCTION.
- THE PROPOSED SANITARY SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PROJECT PLANS AND INSTALLATION SPECIFICATIONS. CONSTRUCTION SHALL NOT BEGIN UNTIL ALL REQUIRED PERMITS ARE OBTAINED. FOLLOW ALL PERMIT REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE AS-BUILT SKETCH OF INSTALLED OR LOCATED COMPONENTS TO OWNER AND ENGINEER.
- RESTORE ALL EXTERIOR DISTURBED AREAS. SEED TO GRASS AND MULCH.

**RESTAURANT SEAT SIZING**

PER NYS DEC "DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS" TABLE D-3 TYPICAL PER-UNIT HYDRAULIC LOADING RATES:

ORDINARY RESTAURANT = 35 GAL/DAY/SEAT  
EMPLOYEE = 15 GAL/DAY/SHIFT

PERCOLATION RATE = 1-5 MIN/IN  
ABSORPTION FIELD SIZE = 7 LINES AT 46' EA  
7 LINES X 46' X 2 SF/TRENCH = 644 SF  
644 SF X 1.2 GAL/DAY/SF = 770 GAL/DAY

4 EMPLOYEES = 60 GAL/DAY  
25 SEATS = 875 GAL/DAY

935 GAL/DAY \* (0.8) = 748 GAL/DAY  
USE 770 GAL/DAY OK

**SEPTIC TANK SIZE**

PER NYS DEC "DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS" TABLE D-2 THE MIN REQUIRED SEPTIC TANK SIZE IS 1.50

DESIGN FLOW = 770 GAL/DAY

1.5 \* 770 GAL/DAY = 1155 GALLONS

2,000 GALLON SEPTIC TANK REQUESTED

USE 2,000 GALLON DUAL COMPARTMENT CONCRETE SEPTIC TANK

**GREASE TRAP SIZE**

PER NYS DEC "DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS" & "2025 PLUMBING CODE OF NEW YORK STATE"

NYSFC TABLE 709.1

FIXTURES TO BE INSTALLED PER NYSDOH:

3 BAY SINK = 9 DFU  
HANDWASH SINK (X2) = 4 DFU  
MOP SINK = 2 DFU  
PREP SINK = 2 DFU  
DISHWASHER = 2 DFU

TOTAL = 19 DFU

NYSFC TABLE 710.1

MAXIMUM NUMBER OF DFU CONNECTED TO BUILDING DRAIN:

2" DRAIN LINE AT 1/4"/1' = 21 DFU

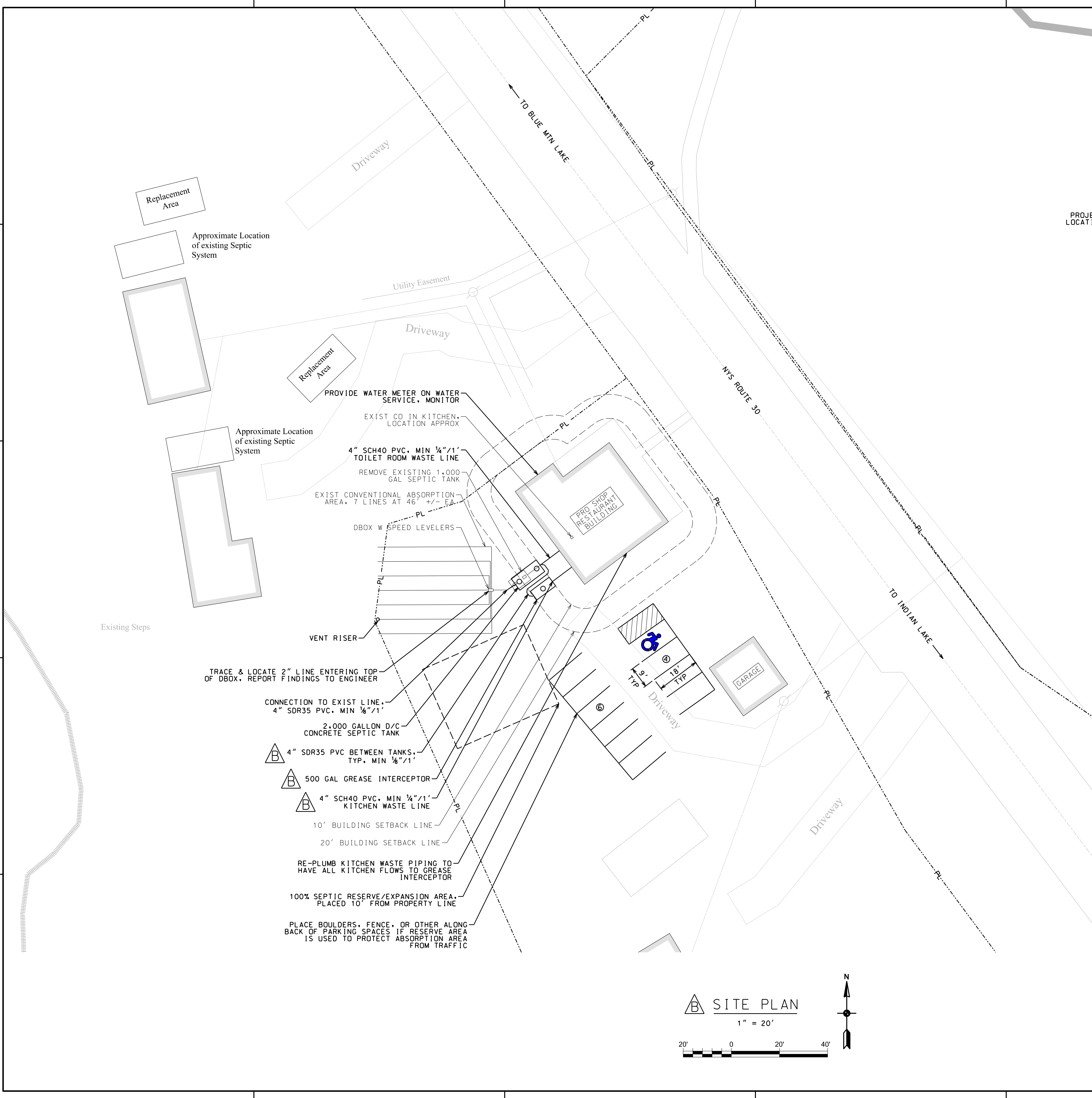
2" LINE OK

4" LINE REQUESTED OK

NYSDC DESIGN STANDARDS TABLE D-1

NOMINAL INTERCEPTOR VOLUME FOR 2" INLET PIPE = 500 GALLONS

USE 500 GALLON TYPE I1 GREASE INTERCEPTOR



**SITE PLAN**  
1" = 20'

