

LOCATION MAP  
SCALE: 1" = 2000'

**RURAL ZONING SETBACK REQUIREMENTS:**  
 FRONT = 50'  
 SIDE = 25' MIN.  
 BOTH SIDE = 50' MIN.  
 REAR = 50'

TOTAL LOT ACREAGE: ±99.75 AC  
 EXISTING IMPERVIOUS COVERAGE: ± 6.2 AC  
 PROPOSED IMPERVIOUS COVERAGE: ± 9.9 AC  
 IMPERVIOUS COVERAGE INCREASE: ± 3.7 AC

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Consultant

WESTERN SUPREME BUDDHA TEMPLE  
 SITE DEVELOPMENT  
 TOWN OF GLEN  
 MONTGOMERY COUNTY NEW YORK STATE

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Stamp

Issue/Rev.	Date	Remarks
1/27/21		FOR PLANNING BOARD
A		

Project Number 2015104  
 Drawn By AS  
 Designed By BJB  
 Checked By BJB  
 Date 9/27/19  
 Scale 1" = 200'  
 File Name AERIAL SITE PLAN

OVERALL  
 SITE PLAN  
 AND  
 LOCATION MAP

Sheet No.  
 EXHIBIT A





**LEGEND**

- NEW CONTOUR - MINOR
- NEW CONTOUR - MAJOR
- EXISTING CONTOUR - MINOR
- EXISTING CONTOUR - MAJOR
- DITCHLINE/SWALE
- CULVERT
- STORM SEWER
- FENCE
- SANITARY FORCE MAIN
- SILTY FENCE
- PROPERTY LINE
- APPROX. FLOOD PLAIN
- TREELINE

**DESIGN CRITERIA**

- DESIGN FLOW** • 4 TOILETS @ 400GPD/TOILET
- DAILY FLOW (GPD)** • 1600 GAL/ DAY
- APPLICATION RATE** • 0.8 GPD/SQ. FT. (BASED ON 5-15 MIN./INCH FILL MATERIAL)
- REQUIRED SEPTIC TANK CAPACITY (GAL)** • NEW 2500 GAL. DUAL COMPARTMENT SEAMLESS PRECAST CONCRETE
- REQUIRED ABSORPTION BED AREA** • 1600 GPD/0.8 GPD/SQ. FT. = 2000 SQ. FT.
- REQUIRED LATERAL LENGTH** • 2000 SF/2' TRENCH WIDTH = 1000 LATERAL FEET
- DESIGNED LATERAL LAYOUT** • 10 @ 100' EACH = 1000 LATERAL FEET

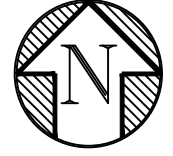
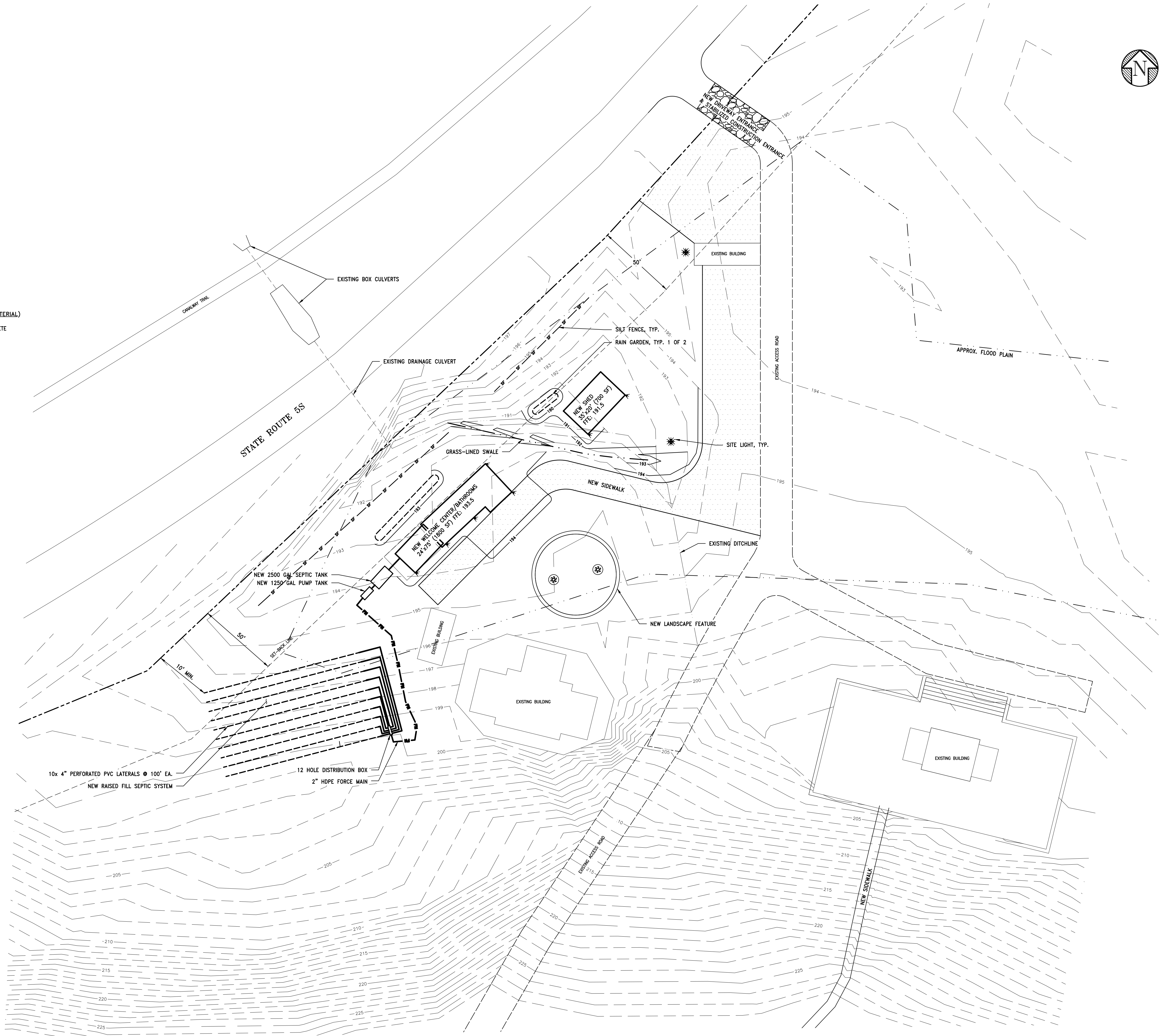
**PUMPING CALCULATIONS SUMMARY**

DISTRIBUTION LATERAL VOLUME = 542.6± GAL  
 80% OF VOLUME = 434.1± GAL  
 RESIDUAL RETURNING TO PUMP TANK = 16.3± GAL  
 TOTAL DOSE VOLUME = 450.4± GAL/DOSE

**TYP. DOSING/PUMP TANK SPECS:**

DOSING DRAWDOWN = 14"  
 STORAGE HEIGHT = 21"  
 INLET HEIGHT = 43"  
 DOSING VOLUME = 450.4 GAL.  
 EFFLUENT PUMP = LIBERTY FLS1M-3, 0.5 HP, 115V, 1-PHASE OR APPROVED EQUAL  
 CONCRETE PUMP CHAMBER TANK = BINGHAMPTON PRECAST 1250 GAL TANK

FLOAT SETTINGS BASED ON BINGHAMPTON  
 PRECAST'S 1250 GAL PUMP CHAMBER, VOLUME  
 PER INCH = 32.1 GAL. ADJUST AS NECESSARY  
 FOR DIFFERENT TANKS. VERIFY WITH ENGINEER.



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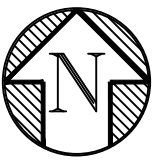
Project Number 2015104  
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 Date 9/27/20  
 Scale 1" = 30'  
 File Name SITE PLAN

Sheet Title  
**PRELIMINARY  
 SITE PLAN  
 WELCOME CENTER**

Sheet No.  
**EXHIBIT D**

**LEGEND**

- NEW CONTOUR - MINOR
- NEW CONTOUR - MAJOR
- - - - - EXISTING CONTOUR - MINOR
- - - - - EXISTING CONTOUR - MAJOR
- · - · - DITCHLINE/SWALE
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Project Number	2015104
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Scale	1" = 40'
File Name	SITE PLAN

**PRELIMINARY  
 SITE PLAN  
 TEMPLE**

Sheet No.  
**EXHIBIT E**

