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P																		<div><div>ksqdesign</div><div>NEW YORK OKLAHOMA</div><div><div><div>KSQ Design</div><div>215 W 40th Street 15th Floor</div><div>New York, NY 10018</div><div>646.435.0660 office</div><div>www.ksq.design</div></div><div><div>Owner</div><div><div>Nanuet Union Free School District</div><div>101 Church Street</div><div>Nanuet, NY 10954</div><div>845.627.9890</div><div>www.nanuetled.org</div></div></div><div><div>Structural Engineer</div><div><div>Clapper Structural Engineering</div><div>160 Parillon Street</div><div>Saugerties, NY 12477</div><div>845.943.9601</div><div>www.clapperstructural.com</div></div><div><div>MEP Engineer</div><div><div>Sage Engineering Associates, LLP</div><div>9 Columbia Circle</div><div>Albany NY 12203</div><div>518.453.6091</div><div>www.sageelp.com</div></div><div><div>Environmental Engineer</div><div><div>Quest Environmental Solutions</div><div>1376 Route 9</div><div>Wappingers Falls, NY 12590</div><div>845.298.6251</div><div>www.qualifiedenv.com</div></div><div><div>Construction Manager</div><div><div>Jacobs</div><div>One Penn Plaza</div><div>24th Floor, Suite 2400</div><div>New York, NY 10119</div><div>646.908.6550</div><div>www.jacobs.com</div></div></div></div></div></div></div></div>
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DESIGN DATA:

STRUCTURAL DESIGN HAS BEEN PERFORMED IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:
A) 2020 NEW YORK STATE BUILDING CODE.
B) ACI 318-14, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
C) AISC, MANUAL OF STEEL CONSTRUCTION, ALLOWABLE STRESS DESIGN, 14TH ED.

1. DEAD LOADS

SELF WEIGHT +
ROOF: 10 PSF
CEILING: 10 PSF
FLOOR: 15 PSF

2. LIVE LOADS

FLOOR - 100 PSF

3. WIND LOADS

BASIC WIND SPEED: 115 MPH (3-second gust)
RISK CATEGORY: III
EXPOSURE CATEGORY: B

4. SNOW LOADS

GROUND SNOW LOAD: 30 PSF
DESIGN FLAT ROOF SNOW LOAD: 30 PSF

5. SEISMIC

RISK CATEGORY: III
SITE CLASS: D
Sds: 0.264g
Sd1: 0.093g
SEISMIC DESIGN CATEGORY: B

GENERAL INFORMATION:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

"LOADS" INDICATED ON THIS DRAWING ARE THOSE FOR THE DESIGN OF THE BUILDING SUPERSTRUCTURE

1. ALL DETAILS MARKED "TYPICAL" IN THE SET OF STRUCTURAL DRAWINGS SHALL BE APPLIED THROUGHOUT THE PROJECT AS REQUIRED TO SATISFY THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL COORDINATE REQUIREMENTS FOR QUANTITY AND LOCATION WHERE THE "TYPICAL" DETAILS APPLY.

2. FAILURE ON THE PART OF THE CONTRACTOR TO REVIEW THE DRAWINGS OF OTHER DISCIPLINES (i.e. ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, ETC.) TOGETHER WITH THE FULL EXTENT OF THE PROJECT SPECIFICATIONS DOES NOT RELIEVE THEM OF THE RESPONSIBILITY TO FURNISH AND INSTALL ITEMS THAT ARE PART OF THEIR WORK AS INDICATED BY THE DRAWINGS AND SPECIFICATIONS OF OTHER TRADES. ALL STRUCTURAL TRADE CONTRACTORS AND SUB-CONTRACTORS ARE PROHIBITED FROM EXCLUDING STRUCTURAL WORK FROM THEIR CONTRACT NOT SHOWN IN THE STRUCTURAL DRAWINGS.

3. ALL CONTRACTORS AND SUBCONTRACTORS WORKING ON THIS PROJECT TO HAVE A MINIMUM OF 5 YEARS VERIFIABLE EXPERIENCE IN THEIR RESPECTIVE FIELDS.

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD PRIOR TO ORDERING AND PRE-FABRICATED ITEMS, INCLUDED BY NOT LIMITED TO; TRUSSES, SIPs, PLANK AND STEEL.

5. DRAWINGS MAY NOT BE SCALED. USE NOTES AND DIMENSIONS SPECIFIED ON DRAWINGS AND CONFIRM THESE DIMENSIONS WITHIN FIELD MEASUREMENTS DURING CONSTRUCTION.

6. DISCREPANCIES, OMISSIONS OR UNFORESEEN PROBLEMS DISCOVERED AT SITE SHALL BE REPORTED TO THE ENGINEER FOR IMMEDIATE CONSULTATION AND AMENDMENT.

7. TEMPORARY SHORING AND SHORING OF EXCAVATION IS BY OTHERS. THESE DRAWINGS SHOW FINAL CONDITIONS ONLY.

STRUCTURAL STEEL GENERAL NOTES

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

1. STRUCTURAL STEEL SHALL CONFORM TO THE A.I.S.C. STEEL CONSTRUCTION MANUAL 14TH EDITION.

2. UNLESS OTHERWISE NOTED, ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS.

MEMBER	A.S.T.M.	MIN. STRENGTH
ROLLED SHAPES	A992	50 KSI
BASE PLATES	A572	42 KSI
PLATES,CHANNELS, & ANGLES	A36	36 KSI
CONNECTION BOLTS	A325	92 KSI