



**TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS**

PROJECT NAME: KINGDOM HALL
PROJECT NO.: 22-31
PROJECT LOCATION: 33 OLD LITTLE BRITAIN RD
SECTION 97, BLOCK 3, LOT 13
REVIEW DATE: 9 JUNE 2023
MEETING DATE: 15 JUNE 2023
PROJECT REPRESENTATIVE: GREENMAN – PEDERSEN, INC

1. Restrain joint pipe chart must be added to the plan sheets.
2. A Stormwater Facilities Maintenance Agreement will be required.
3. Status of Highway Superintendent’s review of the access drive should be addressed.
4. It is noted that the Town Board is addressing modifications to the Tree Preservation Ordinance. It is noted that forty five of the current specimen trees will be considered significant trees.
5. Any stormwater management facility proposed to contain standing water must be fenced per Town Code.
6. Driveway culvert must identify 15-inch pipe as minimum standard.
7. Security for stormwater, erosion & sediment control/ landscaping and associated inspection fees must be a condition of approval.
8. Comments regarding signage from the Building Department must be addressed. Signage may require referral to the Zoning Board of Appeals.
9. Potable water and fire protection water valving must be set up per Town of Newburgh standards. (copy attached)
10. Coverage under the NYSDEC Construction Stormwater SPDES Permit must be provided prior to Final Approval

Respectfully submitted,

MHE Engineering, D.P.C.

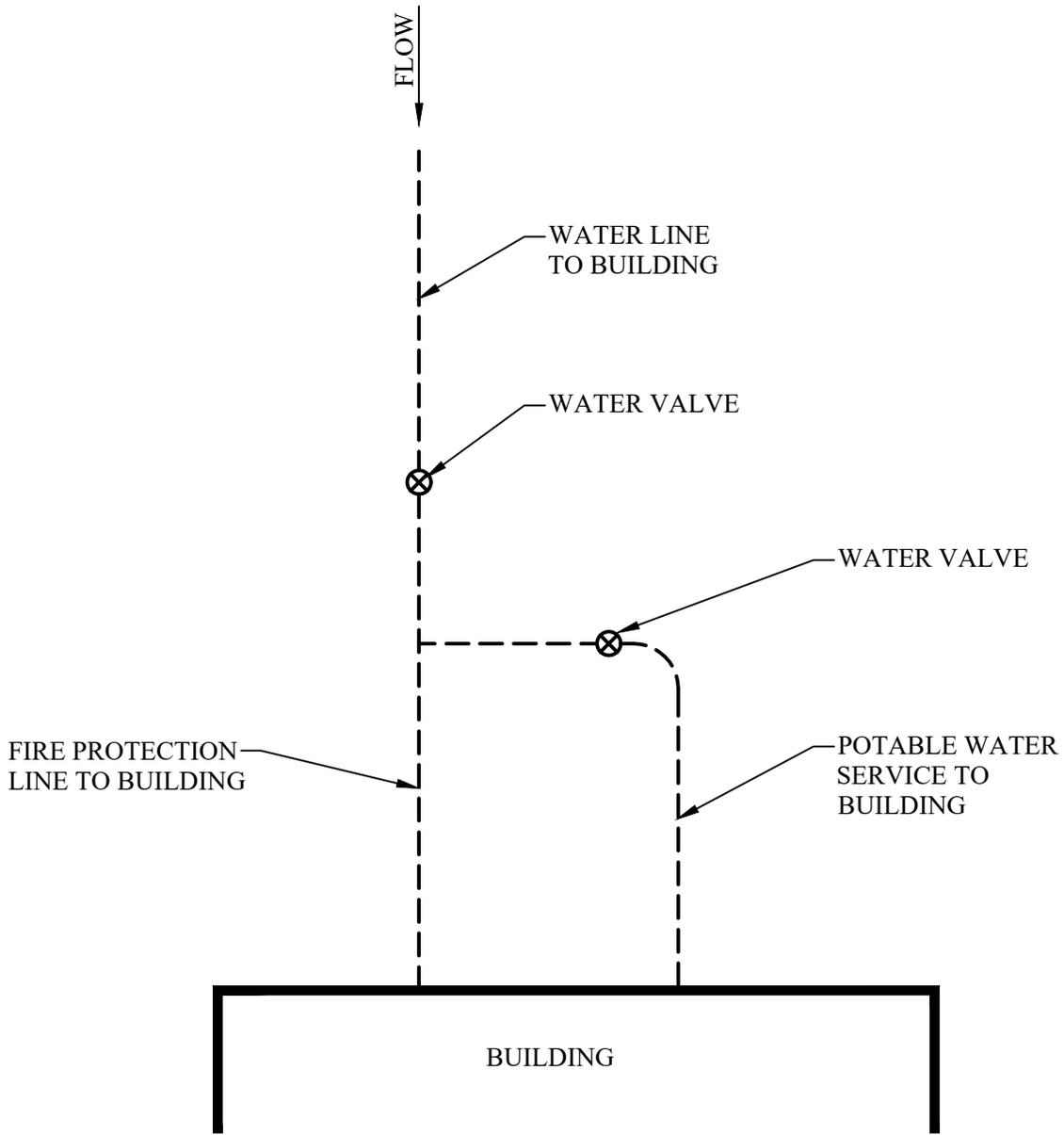
Patrick J. Hines
Principal
PJH/ltn

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NOTE:
 VALVING MUST BE ARRANGED SO THAT
 POTABLE WATER IS TERMINATED IF
 FIRE PROTECTION LINE IS TURNED OFF.

TOWN OF NEWBURGH FIRE PROTECTION
FLOW TO BLDG. CONNECTION DETAIL

X
 XXX

SCALE: N.T.S.

June 2, 2023

Mr. John P. Ewasutyn, Chairman
Town of Newburgh Planning Board
21 Hudson Valley Plaza
Newburgh, NY 12550

Re: **Jehovah's Witnesses 220 Seat New Kingdom Hall**
33 Old Little Britain Road, Newburgh, NY
Town of Newburgh Planning Board
MHE Engineering – Response to Technical Review Comments Issued 12 May 2023
KALA – Response to Technical Review Comments Issued 12 May 2023

Dear Chairman Ewasutyn and Planning Board Members,

Greenman-Pedersen, Inc. (GPI) reviewed the Technical Review Comments received from MHE Engineering and from Karen Arent Landscape Architect on the referenced projects Application for Site Plan Approval. We offer the following responses on how these comments have been addressed on the plans provided on June 1, 2023 in advance of the June 15 Public Hearing.

MHE Engineering Comments and *response*:

1. The Stormwater Management for the project site has been significantly altered. Design now incorporates a bio-retention and extended detention basin rather than the previously proposed infiltration practices. A review of the SWPPP is being undertaken by this office.
 - *Acknowledged*

2. Sanitary sewer notes reference submission to NYSDEC in numerous locations. Septic system is less than 1,000 gallons per day and is not required to be submitted to NYSDEC. Septic System notes must require submission of an As Built drawing and certification by a NYS Design Professional as to the construction of the subsurface sanitary sewer disposal system prior to issuance of a Certificate of Occupancy.
 - *All reference to NYSDEC have been removed. A note requiring submission of an As-Built drawing and certification by a NYS Design Professional regarding the construction of the subsurface system have also been added to the plans. It is acknowledged that this As Built drawing and certification are conditions for issuance of the projects Certificate of Occupancy.*

3. The subsurface sanitary sewer disposal system design identifies laterals at 80 feet each. Gravity fed laterals have a maximum length of 60 feet.
 - *The system laterals have been adjusted to 60 foot lengths.*

4. The septic tank is labeled as 1.2 gallon tank on Sheet CU-101. This should be labeled 1,500 gallons per other plan details.
 - *The septic tank label has been updated on Sheet CU-101.*

5. A Restrained Joint Pipe Chart should be added to the plans for the watermain.
 - The Restrained Joint Pipe Chart will be added to the final plans for the watermain work.
6. Comments from the Water Department regarding the thumbnail detail on Sheet U-101 should be received. It is unclear why the water line is extended and capped for future connections.
 - *Any comments received from the Water Department's review will be made to the construction documents. We ask the Board to make this a condition on the site plan approval if the comments are not received by the time the Board can act on the site plan application. The water line stub noted on the plans was included to provide a future connection point for water beyond the paved portions of the site. This is a large property, and the owner wishes to plan for potential long-term expansion of their facilities if and when such needs arise in the future.*
7. The water notes on Sheet 101 identify Pex tubing and PVC SDR21 – this is not permitted in the Town of Newburgh. Reference Town of Newburgh Water notes including in other places in the plan set. Note 6 identifies water line construction shall include bedding and concrete thrust blocking. Concrete thrust blocks are not permitted in the Town of Newburgh. Mechanical Restraint Joint pipe is required. Generally, water notes should conform to Town of Newburgh Water Note requirements.
 - *Notes and detailing have been updated to be consistent with the Town of Newburgh Water Notes. Mechanical Restraint Joints have been included, thrust blocks have been removed and reference to alternate water line materials have also been removed.*
8. A Stormwater Facilities Maintenance Agreement will be required to be executed and filed.
 - *Acknowledged.*
9. Status of the Highway Superintendent's review of the access drive should be addressed.
 - *Plans of the access drive design are being forwarded to the Highway Superintendent for review. A meeting to review the access is being coordinated.*
10. Storm drainage notes on plan sheets identify Nyloplast Catch Basins while details identify standard concrete catch basins which are required. Any reference to the plastic catch basins should be removed from the plans.
 - *All reference to the Nyloplast yard drain basins have been removed.*
11. It is noted that the south side of the parking lot does not have curbing. The applicants have designed the parking lot to sheet flow to a swale along the south side. Vehicle delineation such as guiderail should be proposed to keep vehicles from driving off of pavement when parking.
 - *The south side of the parking lot does have curbing and all drainage from the parking lot drains from the southwest to the northeast and is managed in the stormwater management practice. The swale located south of the parking lot is just an intercept swale picking up the wooded hill located south of the parking lot so that it does not drain onto the parking lot.*

12. Comments regarding the revised SWPPP submitted:

- Section 3.4 Receiving Water Bodies identifies that the project site openly flows to a roadside drainage feature to the northeast or to Washington Lake located to the southwest. This should be revised as the project does not discharge to Washington Lake. The project may have a small tributary area to the Lockwood Basin, which is below the City of Newburgh's water supply Washington Lake.
- *Acknowledged.*

KALA Karen Arent Landscape Architect Comments and response:

1. Provide details of the stone entry walls with the monument signs Please design the walls in accordance with Town of Newburgh design guidelines.

- *The stone entry wall with sign detail has been added to sheet C-502 – Detail # 12. The detail also notes that the final design of the sign will be coordinated with the Town and we ask that the sign permit and final design of the sign be noted as an action that will be pursued after site plan approval.*

2. Provide materials and details for the sliding gate.

- *The sliding gate detail has been included on sheet C-501 detail #12.*

3. Multiple types of groundcovers are shown and quantified in the Ground Cover Legend but it is unclear where any of the groundcovers aside from grass are proposed on this plan. A monoculture of grass provides very little ecological benefit. On the slopes of the infiltration basin, specify Pinelands Nursey Basin Slope Mix (ZXMIXBASSL) and at the bottom of the infiltration basin, specify Pinelands Nursey Basin Bottom Mix (ZXMIXBASBO). This will increase biodiversity on the site, reduce maintenance, and fill in empty spaces between proposed basin plantings

- *The recommended ground cover mixes have been considered and incorporated into the design.*

4. The stormwater management area is approximately 75'x250', with plenty of space to add trees. Propose at least five Red Maples or 8 Shadblow Serviceberry in the stormwater management area.

- *Per the tree preservation regulations, the project remains under the percentage removal that would require compensatory tree plantings or compensation. However, the owner has decided to add the five Red Maples. The eight serviceberry trees have not been added.*

5. A large, steep hill is proposed on the northeast corner of the proposed parking lot. Lawn will not be sufficient to reduce potential erosion on this slope and will not provide ecological benefits to the site. Instead, show Pinelands Nursery Erosion Control Mix (ZXMIXEROSC) on the whole hill to provide food and habitat for local wildlife and to reduce erosion along the hill. This will also reduce maintenance costs as it needs mowing only once or twice a year.

- *The recommended ground cover mixes have been considered and incorporated into the design.*

6. To avoid parking islands full of messy mulch, fill the islands beneath the Oaks with Gro Low Sumac or a low/no mow seed mix such as PT 769 R&R Eco-Turf Mix with Microclover or PT 702 Let it Bee. This also provide a nice, green color in the parking area.
 - *PT 702 Let it Bee seed mix has been noted for the parking lot islands.*

7. If the proposed Hydrangeas are supposed to be tree form, “Standard” must be specified within the botanical and common names to reduce confusion.
 - *Hydrangeas are not included in the proposed landscape plantings.*

8. Fountain Grass will not survive on the east side of the building. Instead, propose a more shade tolerant ornamental grass such as Northern Sea Oats.
 - *Fountain Grass has been replaced with Northern Sea Oats.*

9. The Tree Removal Calculations must be updated to reflect additional tree removals as proposed on the plan. The removal calculations shown on the plans are the same as the previous plans despite additional removals needed due to moving the stormwater management area. Some of the trees highlighted in orange in the inventory, which we gather means “to be removed”, are shown as to be removed in the chart but to remain on the plan and must be clarified. Due to the proposed grading plan, additional trees as listed below must also be removed. Where there is cut or fill within 1’ of a tree for every 1” of caliper. i.e., if a tree has a 36” caliper, there should not be any cut or fill within 36’ of the tree or the tree will not survive, and it must be marked as “to be removed”. The following trees must be removed:

SPECIMEN

247
306
388
394

SIGNIFICANT

203
213
214
324
413
438
505
507
530
540
550

- *The Tree Removal Calculations have been updated to reflect tree removals meeting the cut or fill condition setback where there is cut or fill within 1’ of a tree for every 1” of caliper. The plan and related tables have been updated and the graphic presentation has been modified to better demonstrate removals, tree condition, etc. Based on the updated plan and calculations the project remains under the percentage removal thresholds that would require*

compensatory mitigation.

10. With an updated Tree Removal Calculation chart, it will become apparent that replacement trees will be needed for this site. According to Subsection 172-4 B, no more than 50% of total DBH inches of Significant tree, nor more than 50% of total DBH inches of Specimen trees, may be disturbed or removed on a property in the R-3 District. The additional trees as stated above will push this project over the allowed 50% Specimen tree removal. Please refer to the Town's Restitution Schedule Tree Preservation Law for replacement requirements. Some of the required additional trees should be proposed along the south side of the proposed parking lot, 30' on center and five feet from edge of pavement to shade the parking lot. Others may be placed along the north and north-east sides of the parking lot, with stone retaining wells as needed to plant trees on the slope.

- *The Tree Removal Calculations have been updated to reflect tree removals meeting the cut or fill condition setback where there is cut or fill within 1' of a tree for every 1" of caliper. The plan and related tables have been updated and the graphic presentation has been modified to better demonstrate removals, tree condition, etc. Based on the updated plan and calculations the project remains under the percentage removal thresholds that would require compensatory mitigation.*

Sincerely,



John Montagne, RLA, AICP, LEED®AP
VP | Director Land Development
80 Wolf Road, Albany, NY
518-898-9532

Cc: J Modglin, JWCS
file

KINGDOM HALL

33 OLD LITTLE BRITAIN ROAD

NEWBURGH, NY 12550

GENERAL NOTES

- BOUNDARY, TOPOGRAPHIC, AND UTILITY INFORMATION SHOWN ON PLANS WAS TAKEN FROM A SURVEY ENTITLED "ALTA/NSPS TITLE SURVEY OF LANDS OF: WOODLAND VIEWS CORP.", PREPARED BY GPI-MARK J. ANDREWS LICENSE No. 050455, DATED MARCH 12, 2020.
- THE MERIDIAN OF THE SURVEY IS REFERENCED TO NEW YORK EAST ZONE, NAD 83. ELEVATIONS SHOWN ON THE PLANS REFER TO THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
- THE SURVEY BENCHMARK OR CONTROL POINT USED IS AN "X" CUT ON THE SOUTH BONNET BOLT OF THE FIRE HYDRANT NORTH OF THE NORTHEAST CORNER OF THE SITE WITH AN ELEVATION OF 295.42 ABOVE AVERAGE SEA LEVEL.
- ACCORDING TO FLOOD INSURANCE RATE MAP NO. 36071C0331E, PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), DATED AUGUST 3, 2009, THE SURVEYED PROPERTY SHOWN HEREON DOES NOT LIE WITHIN ANY SPECIAL FLOOD HAZARD AREA.

GENERAL CONSTRUCTION NOTES

- REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS TO COORDINATE ALL WORK WITHIN 5 FEET OF THE BUILDING.
- CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE TOWN OF NEWBURGH AND ALL OTHER GOVERNING AUTHORITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS RELATED TO PROJECT.
- THE CONTRACTOR SHALL PROPERLY DISPOSE OF ALL UNSATISFACTORY AND/OR WASTE MATERIALS INCLUDING VEGETATION, ROOTS, CONCRETE, AND DEBRIS RELATED TO THE PROJECT IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER PRIOR TO DISPOSING OF ANY SOIL FROM THE SITE TO CONFIRM QUANTITY AND REASON FOR NEEDING TO EXPORT EXCESS SOIL.
- CONTRACTOR SHALL CONFINE ALL WORK TO THE PROJECT BOUNDARY AND AREAS DIRECTLY ADJOINING THE WORK IN THE PUBLIC RIGHT-OF-WAY. EXISTING PAVEMENTS, CURBS, SIDEWALKS, DRIVEWAYS, LANDSCAPING, FENCES AND OTHER EXISTING IMPROVEMENTS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED IN ACCORDANCE WITH THE CITY OR GOVERNING AUTHORITIES REQUIREMENTS. CONDITION OF THE ROAD AND/OR RIGHT-OF-WAY, DURING AND UPON COMPLETION OF THE JOB, SHALL BE AS GOOD AS THE CONDITION PRIOR TO CONSTRUCTION. CONTRACTOR SHALL PROMPTLY CLEAN MUD, DIRT OR DEBRIS TRACKED ONTO EXISTING STREETS FROM THE PROJECT SITE.
- CONTRACTOR SHALL VERIFY ALL ELEVATIONS, DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE COMMENCING ANY WORK. CONTRACTOR SHALL REPORT ANY CONFLICTS OR VARIATIONS AND RESOLVE ALL CHANGES WITH THE OWNER PRIOR TO COMMENCING THE WORK.
- ALL SPECIFICATIONS AND DOCUMENTS REFERRED TO IN THESE PLANS SHALL BE OF THE LATEST REVISION.

CONSTRUCTION NOTICE NOTES

- CONTRACTOR SHALL NOTIFY THE TOWN, CITY, OR COUNTY AT LEAST 48 HOURS PRIOR TO WORKING IN ANY PUBLIC RIGHT-OF-WAY OR EASEMENTS OR CONNECTING TO STREET, DRAINAGE, WATER OR WASTEWATER FACILITIES.
- CONTRACTOR SHALL NOTIFY THE TOWN OF NEWBURGH'S TOWN ENGINEER AT LEAST 72 HOURS PRIOR TO CONSTRUCTING THE DRIVEWAY WITHIN THE RIGHT-OF-WAY TO ANY STREET.
- CONTRACTOR SHALL NOTIFY THE TOWN OF NEWBURGH CONSOLIDATED WATER DISTRICT'S SUPERINTENDENT AT LEAST 72 HOURS PRIOR TO CONNECTING TO ANY PUBLIC WATER FACILITY.
- CONTRACTOR SHALL NOTIFY CENTRAL HUDSON ELECTRIC AND GAS AT LEAST 48 HOURS PRIOR TO WORKING IN ANY PUBLIC ELECTRIC FACILITIES. (IF NEEDED)
- CONTRACTOR SHALL NOTIFY CENTRAL HUDSON ELECTRIC AND GAS AT LEAST 48 HOURS PRIOR TO WORKING IN ANY PUBLIC GAS FACILITIES. (IF NEEDED)
- CONTRACTOR SHALL NOTIFY NYSDEC AT LEAST 120 HOURS PRIOR TO DISTURBING ANY SOIL ON THE SITE.
- CONTRACTOR SHALL NOTIFY DIGSAFENY AT LEAST 72 HOURS PRIOR TO DISTURBING ANY SOIL ON THE SITE.

LIST OF APPROVALS

APPLICANT: NEWBURGH SOUTH CONGREGATION OF JEHOVAH'S WITNESSES
 NAME: JOSHUA MODJLIN
 PHONE: 470-219-4534
 ADDRESS: 23 OLD LITTLE BRITAIN ROAD, NEWBURGH, NY 12550

CIVIL ENGINEER: GPI
 NAME: RYAN TRUNKO, PE.
 PHONE: 518-898-9551
 ADDRESS: 80 WOLF ROAD, SUITE 300, ALBANY, NY 12205

SURVEYOR: GPI
 NAME: MARK ANDREWS
 PHONE: 716-488-2803
 ADDRESS: 200 HARRISON STREET, SUITE H2, JAMESTOWN, NY 14701

LANDSCAPE ARCHITECT:
 NAME: CRAIG TRIPP, PLA, LEED AP
 PHONE: 518-898-9546
 ADDRESS: 80 WOLF ROAD, SUITE 300, ALBANY, NY 12205

GEOTECHNICAL ENGINEER: GIFFORD ENGINEERING
 NAME: GREGORY GIFFORD
 PHONE: 518-382-2545
 ADDRESS: 865 PEARSE ROAD, NISKAYUNA, NY 12309

ZONING STATISTICS AND PARKING SUMMARY

TOTAL PARCEL AREA:	±296,208 SF (±6.80 AC)
ADDRESS:	33 OLD LITTLE BRITAIN ROAD NEWBURGH, NY 12550
PARCEL ID #:	97-3-13
ZONING:	R-3, RESIDENTIAL R/O, PROFESSIONAL OVERLAY
CURRENT USE:	VACANT
PROPOSED USE:	PLACE OF WORSHIP
PROPOSED IMPERVIOUS COVER:	49%
SETBACKS:	FRONT: 50' SIDE: 50' REAR: 50'
REQUIRED PARKING (AHJ):	1 SPACE PER EVERY 3 SEATS 220 SEATS / 3 = 74 SPACES
PROPOSED PARKING:	71 REGULAR SPACES 3 H/C SPACES TOTAL = 74 SPACES

CONTACT INFORMATION

APPLICANT: NEWBURGH SOUTH CONGREGATION OF JEHOVAH'S WITNESSES
 NAME: JOSHUA MODJLIN
 PHONE: 470-219-4534
 ADDRESS: 23 OLD LITTLE BRITAIN ROAD, NEWBURGH, NY 12550

CIVIL ENGINEER: GPI
 NAME: RYAN TRUNKO, PE.
 PHONE: 518-898-9551
 ADDRESS: 80 WOLF ROAD, SUITE 300, ALBANY, NY 12205

SURVEYOR: GPI
 NAME: MARK ANDREWS
 PHONE: 716-488-2803
 ADDRESS: 200 HARRISON STREET, SUITE H2, JAMESTOWN, NY 14701

LANDSCAPE ARCHITECT:
 NAME: CRAIG TRIPP, PLA, LEED AP
 PHONE: 518-898-9546
 ADDRESS: 80 WOLF ROAD, SUITE 300, ALBANY, NY 12205

GEOTECHNICAL ENGINEER: GIFFORD ENGINEERING
 NAME: GREGORY GIFFORD
 PHONE: 518-382-2545
 ADDRESS: 865 PEARSE ROAD, NISKAYUNA, NY 12309

DRAWING INDEX

C-001	COVER SHEET
V-101	BOUNDARY AND TOPOGRAPHIC SURVEY
V-102	TREE SURVEY
V-103	TREE SURVEY
CS101	SITE PLAN
CG101	GRADING AND DRAINAGE PLAN
CU101	UTILITY PLAN
CE101	EROSION CONTROL PLAN
LP101	LANDSCAPING PLAN
C-501	SITE DETAILS
C-502	SITE DETAILS
C-503	SITE DETAILS
C-504	SITE DETAILS
C-505	SITE DETAILS AND NOTES

ABBREVIATIONS

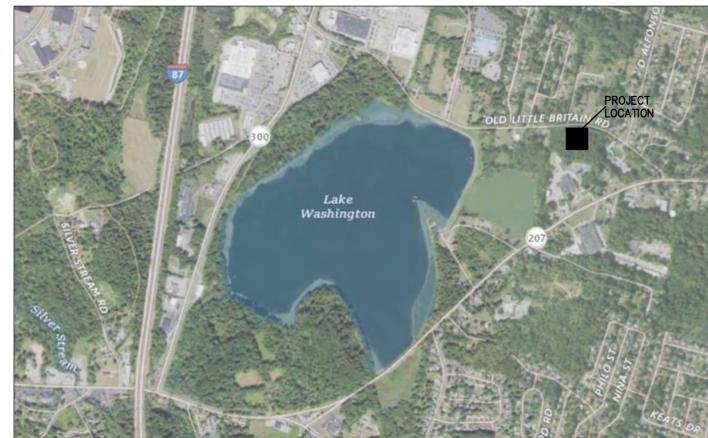
AC	ACRES
AHJ	AUTHORITY HAVING JURISDICTION
APPROX	APPROXIMATE
BC	BOTTOM OF CURB
BLDG	BUILDING
BOT	BOTTOM
BOW	BOTTOM OF WALL
CB	CATCH BASIN
CI	CAST IRON OR CURB INLET
GIP	CAST-IN-PLACE
C/L	CENTER LINE
CC	CLEAN OUT
COMM	COMMUNICATIONS
CONC	CONCRETE
CTR	CENTER
CU YD OR CY	CUBIC YARD
D	DEPTH
DBL	DOUBLE
DEG	DEGREES
DEMO	DEMOLITION
DI	DUCTILE IRON
DIA	DIAMETER
DR	DRAIN
DWG	DRAWING
E	EAST OR ELECTRIC
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
EM	ELECTRIC METER
EOP	EDGE OF PAVEMENT
EXIST OR E	EXISTING
FD	FLOOR DRAIN OR FOOTING DRAIN
FDTN	FOUNDATION
FF	FINISHED FLOOR
FP	FIRE PROTECTION
FT	FEET
FTG	FOOTING
GAL	GALLON
GM	GAS METER
GND	GROUND
GV	GAS VALVE
HDPE	HIGH-DENSITY POLYETHYLENE
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCH
INV	INVERT
L	LENGTH
LF	LINEAR FEET
LPG	LIQUID PROPANE GAS
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MW	MUNICIPAL WATER MAIN
N	NORTH
NPW	NON-POTABLE WATER
OC	ON CENTER
OD	OUTSIDE DIAMETER
OVHD	OVERHEAD
PL	PROPERTY LINE
PSI	POUNDS PER SQUARE INCH
PWR	POWER
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCED OR REINFORCING
S	SOUTH OR SANITARY
SAN	SANITARY
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SPEC	SPECIFICATION
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
SWK	SIDEWALK
TC	TOP OF CURB
TD	TRENCH DRAIN
TYP	TYPICAL
UGND	UNDERGROUND
UTIL	UTILITIES
UP	UP
VOL	VOLUME
W	WEST OR POTABLE WATER OR WIDTH

BULK TABLE - ZONING REQUIREMENTS:

TOWN OF NEWBURGH: R-3 DISTRICT (PROFESSIONAL OVERLAY)		
	REQUIRED:	PROPOSED:
MINIMUM LOT AREA:	2.0 ACRES	6.8 ACRES
MINIMUM LOT WIDTH:	150 FT	630 FT
MINIMUM LOT DEPTH:	150 FT	375 FT
MAXIMUM BUILDING FOOTPRINT:	15%	1.5%
MAXIMUM BUILDING HEIGHT:	35 FT	1.5%
MAXIMUM LOT COVERAGE:	50%	1.5%
SETBACKS:		
FRONT:	50 FT	±133 FT
SIDE (ONE SIDE/TOTAL):	50 FT/100 FT	±133 FT/±592 FT
REAR:	50 FT	±166 FT

QUANTITY SUMMARY TABLE

DESCRIPTION	QUANTITY
CAR PAVEMENT AREA	26,554 SQ.FT.
CONCRETE PAVEMENT AREA	2,024 SQ.FT.
CURB/CURB & GUTTER LENGTH	932 FT.
LANDSCAPE QUANTITIES	SEE LANDSCAPE PLAN
UTILITY QUANTITIES	SEE UTILITY PLAN
LIGHTING & WIRING QUANTITIES	SEE ELECTRICAL PLAN
DRAINAGE STRUCTURES	SEE DRAINAGE PLAN
TOPSOIL	758 CY



1 VICINITY MAP

CIVIL ENGINEER



CONSULTANT:

NOT FOR CONSTRUCTION
 THIS DRAWING PROVIDED ONLY FOR REVIEW AND APPROVAL

31 MAY 23	SUBMISSION TO TOWN
28 APR 23	SUBMISSION TO TOWN
15 FEB 23	SUBMISSION TO TOWN
11 NOV 22	SUBMISSION TO TOWN
20 OCT 22	GPI CONCEPT FOR REVIEW
16 SEP 22	CONCEPT FOR REVIEW

OWNER:
JW CONGREGATION SUPPORT, INC.
 1005 RED MILLS ROAD
 WALLKILL, NY 12589-3283

PROJECT TITLE:
NEWBURGH KINGDOM HALL OF JEHOVAH'S WITNESSES
 33 OLD LITTLE BRITAIN RD
 NEWBURGH, NY 12550

SHEET TITLE:
COVER SHEET

PROJECT No. **37147**

SHEET No. **C-001**



CONSULTANT:

NOT FOR CONSTRUCTION
THIS DRAWING PROVIDED ONLY FOR
REVIEW AND APPROVAL

GENERAL SHEET NOTES

- REFER TO C-001 COVER SHEET FOR GENERAL NOTES REFERENCING SURVEY INFORMATION, DATUMS, GENERAL PROJECT AND CONSTRUCTION INFORMATION.

SYMBOLS LEGEND

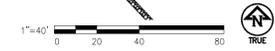
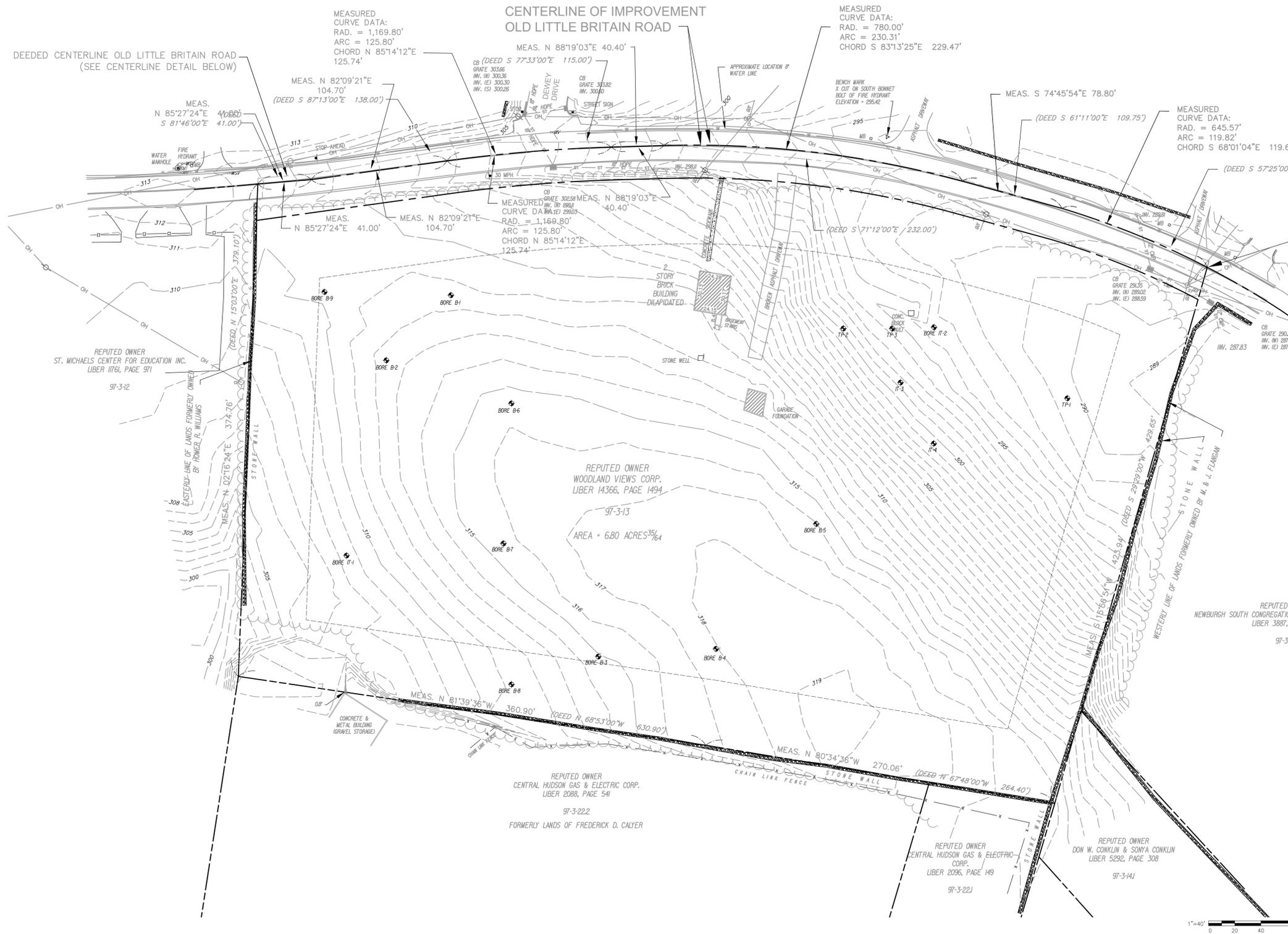
PROPERTY BOUNDARY	---
MINOR CONTOUR	-2.50-
MAJOR CONTOUR	-2.50-
ROAD	---
ROAD CURB	---
ROAD CENTERLINE	---
BUILDING SETBACK	---
SANITARY LINE	---
UNDERGROUND POWER LINE	---
OVERHEAD POWER LINE	---
NATURAL GAS LINE	---
WATER LINE	---
WATER METER	⊕
HYDRANT	⊕
VALVE	⊕
STORM SEWER LINE	---
CATCH BASIN	⊕
CURB INLET	⊕
MANHOLE	⊕
END SECTION	---
HEADWALL	---
TREE	⊕
SPOT ELEVATION	⊕
STRUCTURE	⊕
UTILITY POLE	⊕
SURVEY BENCHMARK	⊕

BORING I.D.	SURFACE ELEVATION	BORING DEPTH	GROUNDWATER DEPTH	INFILTRATION RATE (N/HR)
B-1	±311.50	12'-0"	6'-0"	N/A
B-2	±312.50	12'-0"	5'-0"	N/A
B-3	±315.00	12'-0"	8'-0"	N/A
B-4	±318.00	12'-0"	8'-0"	N/A
B-8	±311.25	8'-0"	5'-0"	N/A
B-9	±310.25	8'-0"	4'-0"	N/A
B-5	±316.00	8'-0"	5'-0"	N/A
B-6	±315.50	8'-0"	5'-0"	N/A
B-7	±315.50	8'-0"	5'-0"	N/A
IT-1	±308.50	8'-0"	N/A	1.75"
IT-2	±293.50	8'-0"	2'-6"	2.5"

TESTS WERE CONDUCTED IN MARCH, 2020 BY GIFFORD ENGINEERING. FULL RESULTS FROM THE BORINGS ARE INCLUDED IN THE GEOTECHNICAL REPORT INCLUDED IN THE STORMWATER POLLUTION PREVENTION PLAN ASSOCIATED WITH THIS PROJECT.

BORING I.D.	SURFACE ELEVATION	BORING DEPTH	GROUNDWATER DEPTH	INFILTRATION RATE (N/HR)
TP-1	±290.50	3'-0"	2'-6"	N/A
TP-2	±299.50	4'-0"	N/A	N/A
TP-3	±295.50	4'-0"	3'-9"	N/A
IT-3	±318.00	2'-0"	N/A	1.5"
IT-4	±308.50	2'-0"	N/A	2.0"

ADDITIONAL FIELD TESTING WAS COMPLETED BY GPI IN APRIL 2023.



PLOT DATE: 20.0000
 DIMSCALE: 20.0000
 DSN: DRFT
 FILE PATH: E:\2022\2200152.00 -Newburgh- Civil Design- JWCSC\CADD\01_CIVIL\USA37035_V-101_Boundary_Topographic.dwg
 PLOTTED BY:

OWNER:
JW CONGREGATION SUPPORT, INC.
1005 RED MILLS ROAD
WALKILL, NY 12589-3283

PROJECT TITLE:
NEWBURGH KINGDOM HALL OF JEHOVAH'S WITNESSES
33 OLD LITTLE BRITAIN RD
NEWBURGH, NY 12550

SHEET TITLE:
BOUNDARY AND TOPOGRAPHIC SURVEY

PROJECT No. **37147**

SHEET No. **V-101**



CONSULTANT:

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- 31 MAY 23 SUBMISSION TO TOWN
- 28 APR 23 SUBMISSION TO TOWN
- 15 FEB 23 SUBMISSION TO TOWN
- 11 NOV 22 SUBMISSION TO TOWN
- 20 OCT 22 GPI CONCEPT FOR REVIEW
- 16 SEP 22 CONCEPT FOR REVIEW

MARK: DATE: DESCRIPTION:

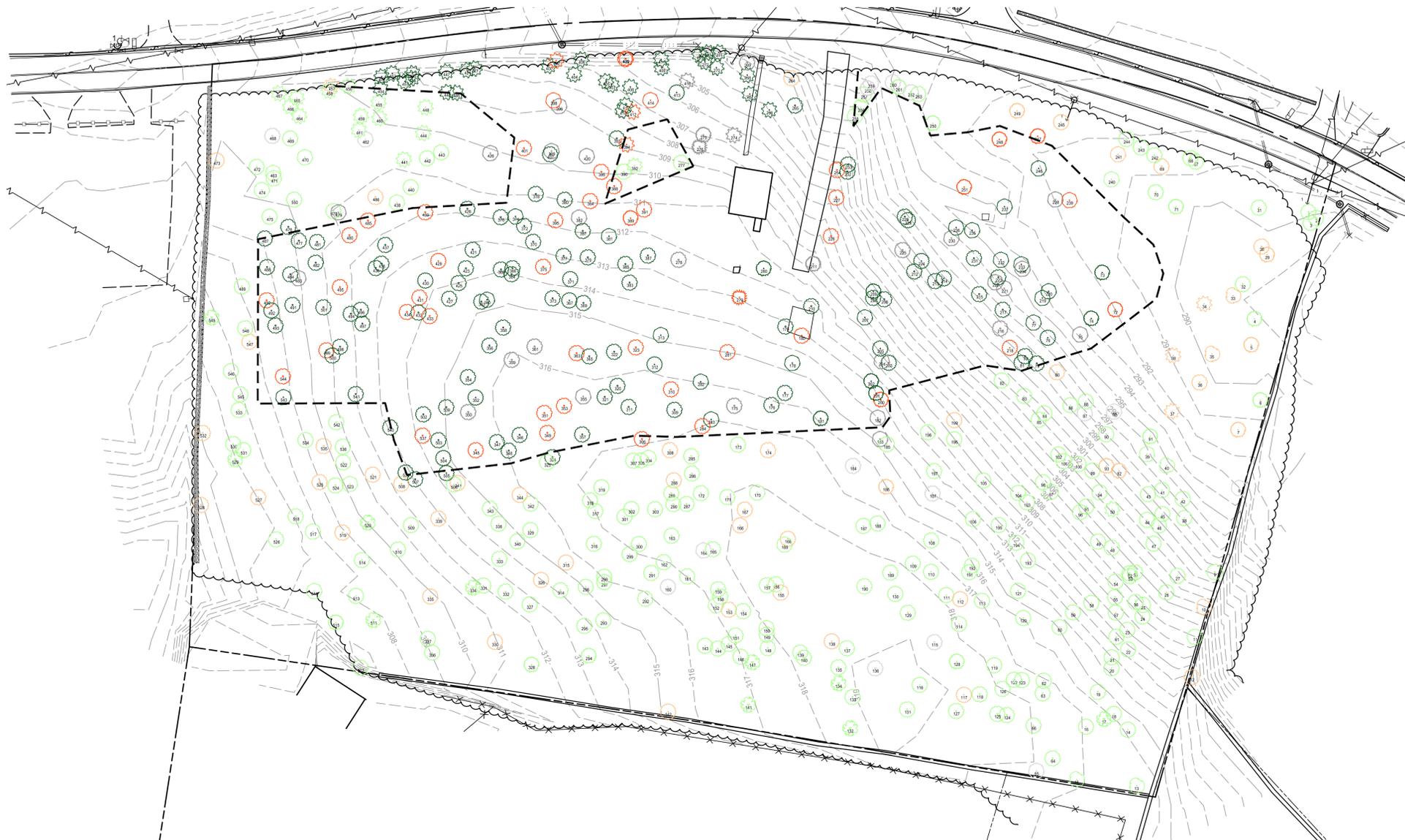
OWNER:
JW CONGREGATION SUPPORT, INC.
1005 RED MILLS ROAD
WALLKILL, NY 12589-3283

PROJECT TITLE:
**NEBURGH KINGDOM HALL OF JEHOVAH'S WITNESSES
33 OLD LITTLE BRITAIN RD
NEBURGH, NY 12550**

SHEET TITLE:
TREE SURVEY

PROJECT No. **37147**

SHEET No. **V-102**



ARBORIST:
Quonika Stover
ISA Certified Arborist NJ-1285A

SYMBOLS LEGEND

- SPECIMEN TREE TO REMAIN ○
- SIGNIFICANT TREE TO REMAIN ●
- DEAD/DISEASED TREE TO REMAIN ○
- SPECIMEN TREE TO BE REMOVED ○
- SIGNIFICANT TREE TO BE REMOVED ●
- DEAD/DISEASED TREE TO BE REMOVED ●
- LIMITS OF DISTURBANCE

SPECIMEN TREE TABLE

Tree ID #	Tree Species	DBH (in)	Tree Condition
7	Ash	24.75	Fair
10	Black Walnut	23.5	Fair
12	Maple	28	Poor
29	Ash	25.75	Poor
30	Maple	21.5	Fair
34	Elm	21.75	Fair, Poor
36	Maple	23	Fair, Poor
38	Elm	24	Poor
69	Maple	20.75	Fair
72	Ash	24	Fair, Poor
80	Maple	20.25	Fair, Poor
92	Ash	35.75	Poor
93	Ash	27	Fair, Poor
107	Maple	22.25	Damaged
112	Oak	30	Fair, Poor
117	Oak	24.5	Fair, Poor
138	Oak	32	Poor
142	Oak	30.5	Fair, Poor
153	Maple	24	Fair, Poor
155	Black Cherry	20.25	Critical
166	Oak	38.25	Fair, Poor
167	Maple	22.25	Fair, Poor
168	Oak	26.75	Poor
174	Maple	20	Fair, Poor
180	Maple	32.75	Fair, Poor
183	Black cherry	20.25	Diseased, Poor
186	Ash	23.5	Fair, Poor
199	Oak	29.5	Poor
200	Ash	21.25	Fair, Poor
218	Oak	22	Fair, Poor

226	Maple	25	Poor
227	Maple	26.75	Poor
239	Black Cherry	51	Critical
241	Black Cherry	22.25	Poor
245	Oak	25.75	Fair, Poor
247	Ash	20.75	Fair, Poor
248	Ash	22.5	Poor
249	Ash	22.25	Fair, Poor
251	Ash	25.75	Fair, Poor
254	Maple	47.75	Critical
264	Maple	27.25	Critical
269	Maple	28.75	Diseased, Poor
274	Elm	24.25	Dead
276	Douglas Fir	22.75	Diseased
278	Maple	40.25	Dead
279	Pine	32.5	Fair, Poor
281	Maple	27.25	Poor
284	Maple	23	Fair, Poor
288	Maple	34.25	Poor
306	Maple	33.25	Poor, Critical
308	Maple	21.25	Poor
310	Maple	25.25	Poor
315	Oak	25	Poor
323	Maple	36.75	Fair, Poor
326	Oak	23	Poor
330	Oak	22	Fair
335	Oak	32.75	Fair, Poor
339	Maple	25.5	Poor
341	Oak	21.25	Poor
344	Oak	29	Poor
345	Maple	25.25	Poor

349	Maple	23.75	Poor
351	Maple	26	Fair, Poor
353	Maple	23.75	Poor
359	Dead	21.25	Diseased
361	Dead	21.25	Dead
363	Maple	26.5	Poor
375	Maple	29	Poor
384	Maple	28.25	Poor, Critical
386	Maple	28	Poor
388	Maple	29.25	Poor, Critical
389	Ash	24.25	Fair, Poor
391	Maple	23.5	Poor
394	Elm	20.75	Critical
395	Maple	27	Poor
398	Black cherry	21.75	Critical
399	Black Cherry	34.25	Dead
401	Maple	39.5	Poor
402	Elm	25.75	Poor
412	Elm	26.75	Poor
414	Black Cherry	26.5	Critical
416	Elm	24	Diseased, Poor
419	Maple	22.5	Poor
420	Black Cherry	26.25	Diseased, Critical
422	Elm	26.75	Poor
429	Oak	22	Poor
431	Maple	25.75	Poor
433	Maple	21.75	Poor
434	Maple	20.5	Poor
439	Maple	21	Poor
457	Elm	32.5	Critical
473	Oak	22.25	Fair, Poor

480	Maple	33	Poor
483	Black Cherry	23.25	Diseased, Critical
485	Maple	23	Poor
486	Maple	22.5	Poor
490	Maple	20.75	Poor
495	Maple	23.5	Fair, Poor
499	Maple	24.25	Poor
508	Maple	26.5	Poor
519	Maple	20.75	Poor
521	Maple	21.5	Fair, Poor
525	Maple	23.5	Poor
527	Maple	20	Poor
528	Maple	41.5	Fair, Poor
532	Maple	20.5	Poor
535	Maple	23	Poor
537	Maple	21.75	Fair, Poor
544	Maple	22.25	Poor
547	Maple	21	Fair, Poor

TREE REMOVAL CALCULATIONS		
	SPECIMEN	SIGNIFICANT
TOTAL DBH (INCHES)	2,855	6,027
DEAD DBH (INCHES)	287	465
REMOVAL DBH (INCHES)	1,237	2,163
PERCENTAGE REMOVED	48.2	38.9

- NOTES:
1. DEAD TREES ARE HIGHLIGHTED IN RED IN EACH TABLE.
 2. REMOVAL TREES ARE HIGHLIGHTED IN ORANGE IN EACH TABLE.
 3. PERCENTAGE REMOVED = REMOVAL DBH/(TOTAL DBH-DEAD DBH)*100

SIGNIFICANT TREE TABLE

Tree ID #	Tree Species	DBH (in)	Tree Condition
1	Maple	10	Good, Fair
2	Maple	17	Fair
3	Maple	13.25	Critical
4	Ash	11	Poor
5	Ash	15.25	Poor
6	Ash	18.75	Poor
8	Cherry	11.5	Dead
9	Maple	18	Fair
11	Maple	10.75	Fair
13	Black Walnut	15.25	Damaged, Poor
14	Oak	11.5	Good, Fair
15	Black Walnut	16.5	Poor
16	Oak	14.25	Fair
17	Shagbark Hickory	13	Fair
18	Oak	15	Fair
19	Maple	17	Fair
20	Oak	11.75	Fair
21	Oak	14.75	Fair
22	Oak	11.75	Fair
23	Oak	11.25	Fair
24	Oak	11.5	Fair, Poor
25	Oak	10	Fair, Poor
26	Oak	10.75	Fair
27	Oak	11.5	Good
28	Oak	13.25	Fair
31	Maple	12.5	Fair
32	Maple	11.25	Fair, Poor
33	Walnut	19.25	Fair
35	Walnut	18	Fair
37	Elm	18	Poor
39	Black Cherry	11.75	Fair, Poor
40	Walnut	14	Poor
41	Oak	11	Good, Fair
42	Oak	14.75	Fair, Poor
43	Maple	15.25	Fair, Poor
44	Oak	13	Fair
45	Oak	10.75	Fair, Poor
46	Oak	11.25	Fair, Poor
47	Oak	11.75	Fair
48	Maple	10.5	Fair, Poor
49	Maple	10.25	Poor
50	Elm	11.75	Fair, Poor
51	Maple	10.25	Poor
52	Maple	10.75	Poor
53	Maple	11.5	Poor
54	Oak	11.5	Poor
55	Maple	10.25	Poor
56	Maple	10	Fair, Poor
57	Oak	10	Fair
58	Oak	15.25	Fair
59	Oak	19.25	Fair, Poor
60	Oak	11.75	Fair, Poor
61	Oak	11.25	Fair, Poor
62	Oak	14.75	Fair
63	Maple	13.25	Fair, Poor
64	Maple	13.25	Fair
65	Black Cherry	12	Diseased, Critical
66	Maple	10	Fair, Poor
67	Maple	14.25	Poor
68	Maple	19	Fair, Poor
70	Maple	19.5	Fair
71	Ash	12	Fair
73	Ash	19.5	Fair, Poor
74	Ash	12.75	Fair
75	Black Cherry	18.75	Diseased, Damaged, Critical
76	Oak	15.25	Poor
77	Black Cherry	15.25	Poor
78	Maple	10	Poor
79	Maple	10.25	Fair
81	Oak	16.25	Fair, Poor
82	Oak	10.75	Poor
83	Oak	14.25	Damaged, Poor
84	Oak	13.75	Poor
85	Maple	13.75	Fair, Poor
86	Oak	18.75	Poor
87	Oak	13.25	Dead

88	Oak	13.25	Poor
89	Black Cherry	10.75	Dead
90	Oak	11	Fair, Poor
91	Ash	10.25	Poor
94	Oak	10.25	Poor
95	Oak	10.75	Poor
96	Oak	11.5	Poor
97	Oak	12	Poor
98	Oak	13	Fair, Poor
99	Oak	15.25	Poor
100	Oak	11.75	Poor
101	Oak	16	Poor
102	Oak	11.75	Poor
103	Oak	13.5	Fair, Poor
104	Oak	10.5	Fair
105	Oak	16.25	Fair
106	Oak	19	Fair
108	Maple	11	Fair
109	Maple	16.75	Poor
110	Oak	16.75	Fair, Poor
111	Oak	15	Fair, Poor
113	Oak	13.75	Poor
114	Oak	13.5	Poor
115	Maple	12.25	Dead
116	Oak	11	Fair, Poor
118	Maple	15	Fair, Poor
119	Oak	15	Poor
120	Oak	13	Fair, Poor
121	Oak	14.25	Fair, Poor
122	Oak	12	Fair, Poor
123	Oak	11.5	Poor
124	Maple	15.5	Poor
125	Maple	12.25	Damaged, Poor
126	Maple	10	Poor
127	Maple	10.75	Fair, Poor
128	Ash	10.25	Fair, Poor
129	Maple	12	Fair, Poor
130	Oak	20	Poor
131	Maple	12.75	Fair
132	Hickory	12.75	Fair, Poor
133	Maple	15.75	Poor
134	Shagbark Hickory	12.5	Fair, Poor
135	Maple	18.5	Fair, Poor
136	Dead	12.5	Dead
137	Maple	10.75	Fair, Poor
139	Maple	11.75	Fair, Poor
140	Maple	13.25	Fair
141	Hickory	11.5	Fair
143	Oak	12.5	Good, Fair
144	Maple	11	Fair
145	Maple	11	Fair, Poor
146	Oak	16.75	Poor
147	Shagbark Hickory	11	Fair, Poor
148	Maple	11.5	Fair
149	Oak	14.75	Poor
150	Black Cherry	11.5	Fair, Poor
151	Maple	15.5	Fair, Poor
152	Black Cherry	10.25	Damaged, Critical
154	Maple	10	Fair, Poor
156	Maple	14.75	Fair, Poor
157	Maple	13.25	Fair
158	Maple	12.5	Fair, Poor
159	Maple	11.5	Fair, Poor
160	Oak	15	Diseased, Poor, Critical
161	Maple	16.75	Poor
162	Maple	10.25	Fair, Poor
163	Maple	18.25	Fair, Poor
164	Black Cherry	12.5	Dead, Diseased
165	Maple	14.5	Fair, Poor
169	Black Cherry	12.75	Poor
170	Black Cherry	18.75	Poor
171	Maple	13	Fair, Poor
172	Maple	19.75	Fair, Poor
173	Maple	18	Fair, Poor
175	Dead	14.5	Dead
176	Maple	12.5	Fair, Poor
177	Maple	11.75	Fair, Poor

178	Black Cherry	16	Damaged, Poor
179	Maple	14.25	Fair, Poor
181	Ash	12.5	Fair, Poor
182	Black cherry	16.75	Diseased, Critical
184	Maple	10.5	Dead, Critical
185	Oak	15.5	Fair, Poor
187	Oak	10.75	Poor
188	Maple	10	Fair, Poor
189	Maple	10.25	Critical
190	Maple	15	Fair, Poor
191	Oak	11.75	Fair, Poor
192	Maple	12.5	Poor
193	Oak	14.75	Fair
194	Linden	11.5	Fair, Poor
195	Oak	11	Fair, Poor
196	Oak	18.75	Fair
197	Maple	11.75	Fair
198	Oak	19.25	Fair
201	Ash	13.5	Poor
202	Ash	19.5	Fair, Poor
203	Oak	15.75	Fair, Poor
204	Black cherry	11	Dead, Diseased
205	Oak	15.25	Fair, Poor
206	Maple	12.5	Fair, Poor
207	Black Cherry	15.5	Poor
208	Maple	12.75	Fair, Poor
209	Ash	18.5	Fair, Poor
210	Maple	18.25	Fair, Poor
211	Ash	13.75	Diseased, Critical
212	Maple	10	Poor
213	Maple	12.75	Poor
214	Oak	13	Fair, Poor
215	Maple	16	Fair, Poor
216	Maple	14	Dead
217	Maple	18.75	Poor
219	Black Cherry	17.25	Poor
220	Black Cherry	15	Fair, Poor
221	Dead	17.5	Dead
222	Black cherry	17.25	Dead, Diseased
223	Maple	11	Fair, Poor
224	Oak	18.25	Fair
225	Maple	15.5	Diseased, Poor
228	Maple	12.75	Poor
229	Oak	13	Fair
230	Black cherry	12.75	Dead, Diseased
231	Maple	13.25	Fair, Poor
232	Black Cherry	15.25	Poor
233	Black Cherry	14.25	Fair
234	Black Cherry	10.25	Dead
235	Black Cherry	10	Poor
236	Black Cherry	10	Poor
237	Black Cherry	12.5	Poor
238	Black Cherry	13.25	Dead
240	Black Cherry	13.75	Poor
242	Maple	11.75	Critical
243	Maple	10	Fair, Poor
244	Maple	12.25	Fair, Poor
246	Black cherry	19.75	Critical
250	Ash	19.75	Fair, Poor
252	Maple	12.75	Fair, Poor
253	Maple	10.75	Poor
255	Maple	10.5	Fair, Poor
256	Maple	11.5	Fair, Poor
257	Maple	10.5	Fair, Poor
258	Ash	15.75	Dead
259	Maple	14.25	Diseased, Poor
260	Maple	13	Dead
261	Ash	14.25	Fair, Poor
262	Maple	10.75	Diseased, Poor
263	Maple	10	Fair, Poor
265	Maple	15.5	Fair, Poor
266	Elm	13.25	Poor
267	Elm	11.75	Critical
268	Elm	17.5	Fair, Poor
270	Elm	20	Poor
271	Elm	17	Poor
272	Elm	14.75	Poor

273	Elm	13.5	Poor
275	Ash	13.75	Dead
277	Maple	12.5	Poor
280	Ash	18	Fair, Poor
282	Black Cherry	18.75	Poor
283	Black Cherry	13	Fair, Poor
285	Maple	12.75	Fair
286	Maple	14.75	Fair, Poor
287	Maple	13	Poor
289	Maple	18	Poor
290	Maple	13.5	Poor
291	Maple	11	Fair, Poor
292	Maple	11	Poor
293	Oak	18.25	Poor
294	Ash	16.25	Poor, Critical
295	Oak	10	Poor
296	Oak	13.25	Fair, Poor
297	Oak	13	Fair
298	Oak	13	Fair
299	Oak	16	Fair, Poor
300	Oak	15.75	Fair, Poor
301	Oak	11.75	Poor
302	Oak	13.25	Fair, Poor
303	Maple	12.5	Fair, Poor
304	Black Cherry	16.25	Poor
305	Maple	15.75	Poor
307	Maple	13.75	Poor
309	Maple	12.5	Poor
311	Maple	12	Poor, Critical
312	Oak	11.25	Poor
313	Black cherry	14.5	Poor
314	Maple	13.5	Poor
316	Maple	11.25	Fair, Poor
317	Oak	13.25	Fair, Poor
318	Maple	12.75	Poor
319	Oak	15.25	Fair
320	Maple	15.25	Fair, Poor
321	Maple	11	Fair
322	Maple	14.5	Poor
324	Maple	10.25	Fair, Poor
325	Maple	10.75	Fair, Poor
327	Oak	18.25	Fair, Poor
328	Ash	10	Fair, Poor
329	Oak	11.75	Fair, Poor
331	Oak	16.75	Fair, Poor
332	Maple	11.75	Poor
333	Maple	12	Fair, Poor
334	Shagbark Hickory	14.25	Poor
336	Oak	18	Fair
337	Oak	15.5	Fair
338	Oak	16.5	Fair, Poor
340	Oak	15.25	Fair, Poor
342	Oak	15	Fair, Poor
343	Maple	16.5	Poor
346	Maple	10	Poor
347	Maple	14.5	Fair, Poor
348	Maple	11.25	Fair, Poor
350	Dead	14	Dead
352	Oak	11.75	Critical
354	Maple	17.5	Critical, Diseased
355	Black cherry	18.5	Critical, Diseased
356	Maple	16	Fair, Poor
357	Maple	10.75	Poor
358	Maple	10.75	Poor
360	Black cherry	12	Critical
362	Maple	11	Fair, Poor
364	Maple	12.5	Poor
365	Maple	12.5	Poor
366	Maple	11.25	Poor
367	Oak	13.5	Fair
368	Maple	18.5	Poor
369	Maple	15.5	Fair, Poor
370	Maple	13.5	Critical
371	Oak	15	Fair
372	Maple	13.5	Fair, Poor
373	Maple	11.75	Poor
374	Black Cherry	18.75	Poor, Critical
376	Maple	17.25	Poor
377	Maple	14.25	Poor

378	Maple	11.75	Fair, Poor
379	Maple	14.5	Poor
380	Maple	11.25	Poor
381	Black Cherry	16	Critical
382	Black Cherry	11.75	Dead
383	Maple	10.75	Fair
385	Maple	13.75	Fair, Poor
387	Maple	17.25	Poor
390	Maple	18.75	Poor, Critical
392	Elm	18.5	Critical
393	Maple	14.75	Poor
396	Black cherry	10.25	Dead
397	Maple	19.5	Poor
400	Elm	14.75	Fair, Poor
403	Elm	18.75	Poor
404	Elm	10.5	Fair, Poor
405	Elm	18.75	Fair, Poor
406	Elm	14.75	Fair, Poor
407	Maple	16.75	Fair
408	Elm	18.75	Fair, Poor
409	Elm	19.25	Poor
410	Elm	14.75	Fair, Poor
411	Elm	19.25	Poor
413	Oak	13.75	Poor
415	Elm	14.75	Poor
417	Elm	13.75	Fair, Poor
418	Elm	13.75	Poor
421	Maple	12.5	Poor
423	Maple	12.5	Poor
424	Elm	11.75	Fair, Poor
425	Maple	15	Critical
426	Black Cherry	14.25	Dead



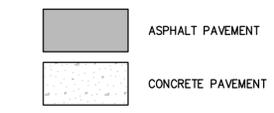
CONSULTANT:

SITE SIGN TABLE				
SIGN NO.	DESC.	M.U.T.C.D NO./SIZE	QTY	COLOR*
1		R1-1 30" x 30"	1	LEGEND: RED-RETROFLECTIVE BACKGROUND; WHITE-RETROFLECTIVE
2		R7-8 12" x 18"	3	LEGEND: GREEN-RETROFLECTIVE BACKGROUND; WHITE-RETROFLECTIVE SYMBOL BACKGROUND: BLUE -RETROFLECTIVE
3		R7-8a 12" x 6"	1	LEGEND: GREEN-RETROFLECTIVE (OR BLACK) BACKGROUND; WHITE-RETROFLECTIVE
4		R7-1 12" x 18"	1	LEGEND: RED BACKGROUND; WHITE-RETROFLECTIVE

GENERAL SHEET NOTES

- REFER TO C-001 COVER SHEET FOR GENERAL NOTES REFERENCING SURVEY INFORMATION, DATUMS, GENERAL PROJECT AND CONSTRUCTION INFORMATION.
- CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MOST RECENT EDITION AS REVISED) AND AS REQUIRED BY THE TOWN OF NEWBURGH'S HIGHWAY DEPARTMENT. DURING CONSTRUCTION WITHIN THE PUBLIC R.O.W, CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL IN THE PROJECT AREA.
- REQUIRED SIGNAGE AND STRIPING OF FIRE ZONES OR ACCESS LANES SHALL BE AS REQUIRED BY FIRE OFFICIAL.
- PAINT ALL PARKING STALLS, STOP BARS, CROSSWALKS AND HANDICAP ACCESSIBLE SPACES. ALLOW PAVING TO AGE 30 DAYS BEFORE APPLYING MARKINGS.
- DIMENSIONS SHOWN ON PLANS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- SOLID WASTE WILL BE PRIVATELY HANDLED. WASTE ACCUMULATED DAILY IS FROM LITTLE TO NONE AND IS DISPOSED OFF-SITE BY THE PATRONS. NO KITCHENS OR DAY CARE SERVICES WILL BE PART OF THE USE OF THE BUILDING. NO DUMPSTER OR MUNICIPAL SERVICE IS NECESSARY.
- DEMOLITION OF THE EXISTING BUILDINGS ON SITE WILL REQUIRE A DEMOLITION PERMIT FROM THE TOWN OF NEWBURGH BUILDING DEPARTMENT.

PAVEMENT LEGEND



SYMBOLS LEGEND

	EXISTING	PROPOSED
PROPERTY BOUNDARY	---	---
BUILDING SETBACK LINE	---	---
BUILDING	---	---
EDGE OF PAVEMENT	---	---
CURB	---	---
FENCE	---	---
SIGN	---	---
WHEEL STOP	---	---
BOLLARD	---	---
ACCESSIBLE PARKING	---	---
LIGHT POLE (1-LIGHT)	---	---
HYDRANT	---	---
UTILITY POLE	---	---
PARKING SPACE COUNT	---	---

SHEET KEYNOTES

- STANDARD ASPHALT PAVEMENT. SEE DETAIL 3/C-502
- SIDEWALK CONCRETE PAVEMENT. SEE DETAIL 6/C-501
- 18" WIDE CONCRETE EDGE. SEE DETAIL 2/C-502
- ACCESSIBLE SIGNAGE AND STRIPING PER ADA STANDARDS. FACE OF SIGN SHALL BE A MINIMUM OF 2' FROM EDGE OF CURB. SEE DETAILS 2, 3, 4, AND 5, SHEET C-501
- STONE ENTRANCE WALLS AND MONUMENT SIGN. SEE DETAIL 12/C-502
- 10'x18' STRIPED PEDESTRIAN ACCESS. SEE DETAIL 3/C-501
- 6" VERTICAL TURNDOWN SIDEWALK PAVEMENT. SEE DETAIL 7/C-501
- 6" VERTICAL REVEAL CURB, TAPERED TO FLUSH AT EACH END. SEE DETAIL 8/C-501
- 4" WIDE TRAFFIC WHITE STRIPING, TYP. SEE DETAIL 1/C-501
- RESERVED
- EXISTING ABANDONED HOUSE TO BE REMOVED
- EXISTING ABANDONED GARAGE TO BE REMOVED
- EXISTING GRAVEL DRIVE AND SIDEWALK TO BE REMOVED
- EXISTING DUG WELLS TO BE DECOMMISSIONED PER NYSDEC "WATER SUPPLY WELL DECOMMISSIONING RECOMMENDATIONS" AND NYSDOH "INDIVIDUAL WATER SUPPLY WELLS - FACT SHEET #4"
- CONCRETE HVAC PAD. SEE ARCHITECTURAL PLANS.
- PROPOSED TREE LINE
- PROPOSED SLIDE GATE. SEE DETAIL 12/C-501
- PROPOSED DEDICATION OF 25' RIGHT-OF-WAY
- SIGHT DISTANCE MEASUREMENTS
- 6" VERTICAL ASPHALT WING CURB. SEE DETAIL 9/C-501
- STOP SIGN, SEE DETAIL 11/C-501
- STOP BAR, SEE DETAIL 10/C-501
- NO PARKING SIGN, SEE DETAIL 11/C-501

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MARK	DATE	DESCRIPTION
-	31 MAY 23	SUBMISSION TO TOWN
-	28 APR 23	SUBMISSION TO TOWN
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-	16 SEP 22	CONCEPT FOR REVIEW

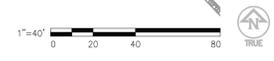
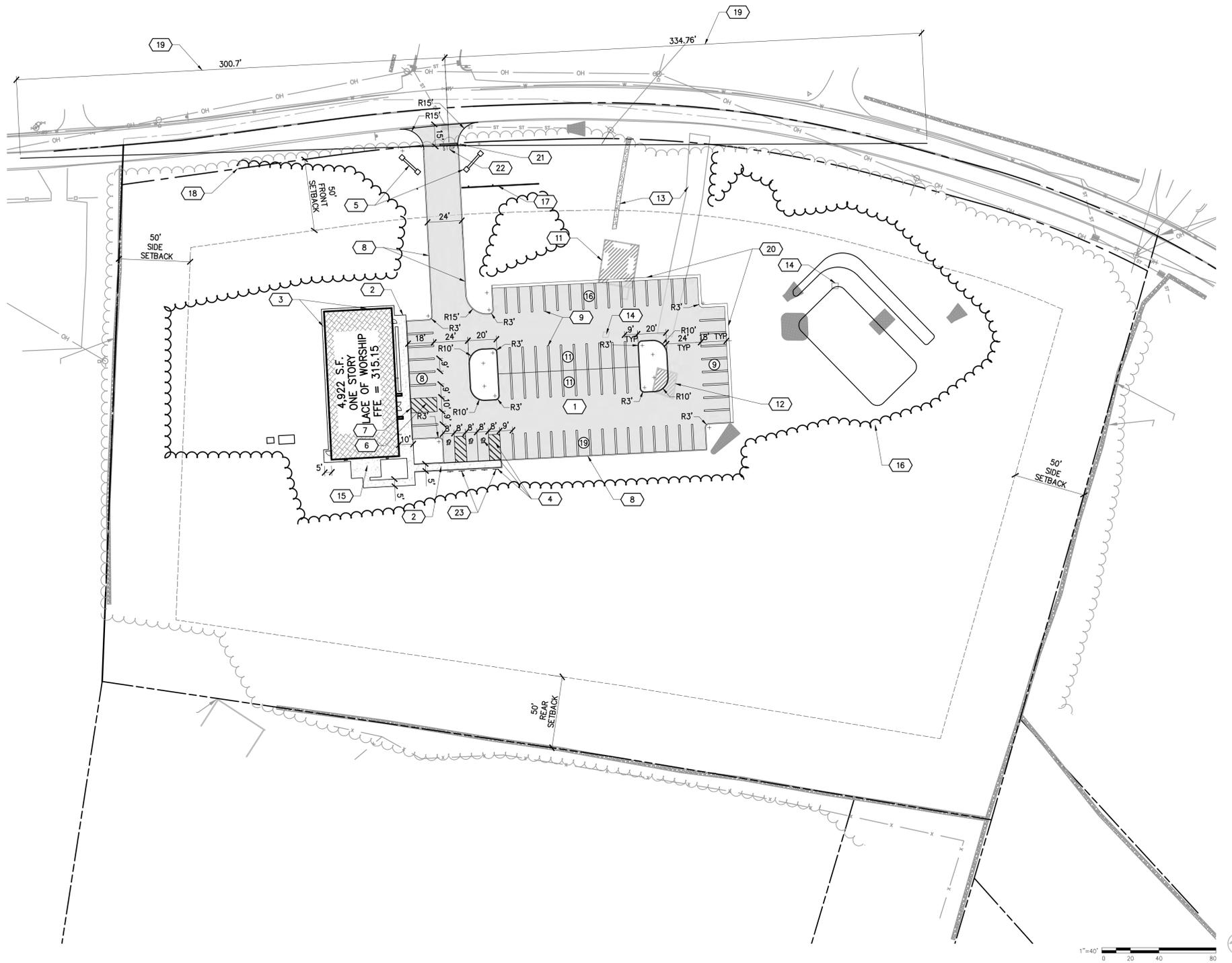
OWNER:
JW CONGREGATION SUPPORT, INC.
1005 RED MILLS ROAD
WALLKILL, NY 12589-3283

PROJECT TITLE:
NEWBURGH KINGDOM HALL OF JEHOVAH'S WITNESSES
33 OLD LITTLE BRITAIN RD
NEWBURGH, NY 12550

SHEET TITLE:
SITE PLAN

PROJECT No. **37147**

SHEET No. **CS101**



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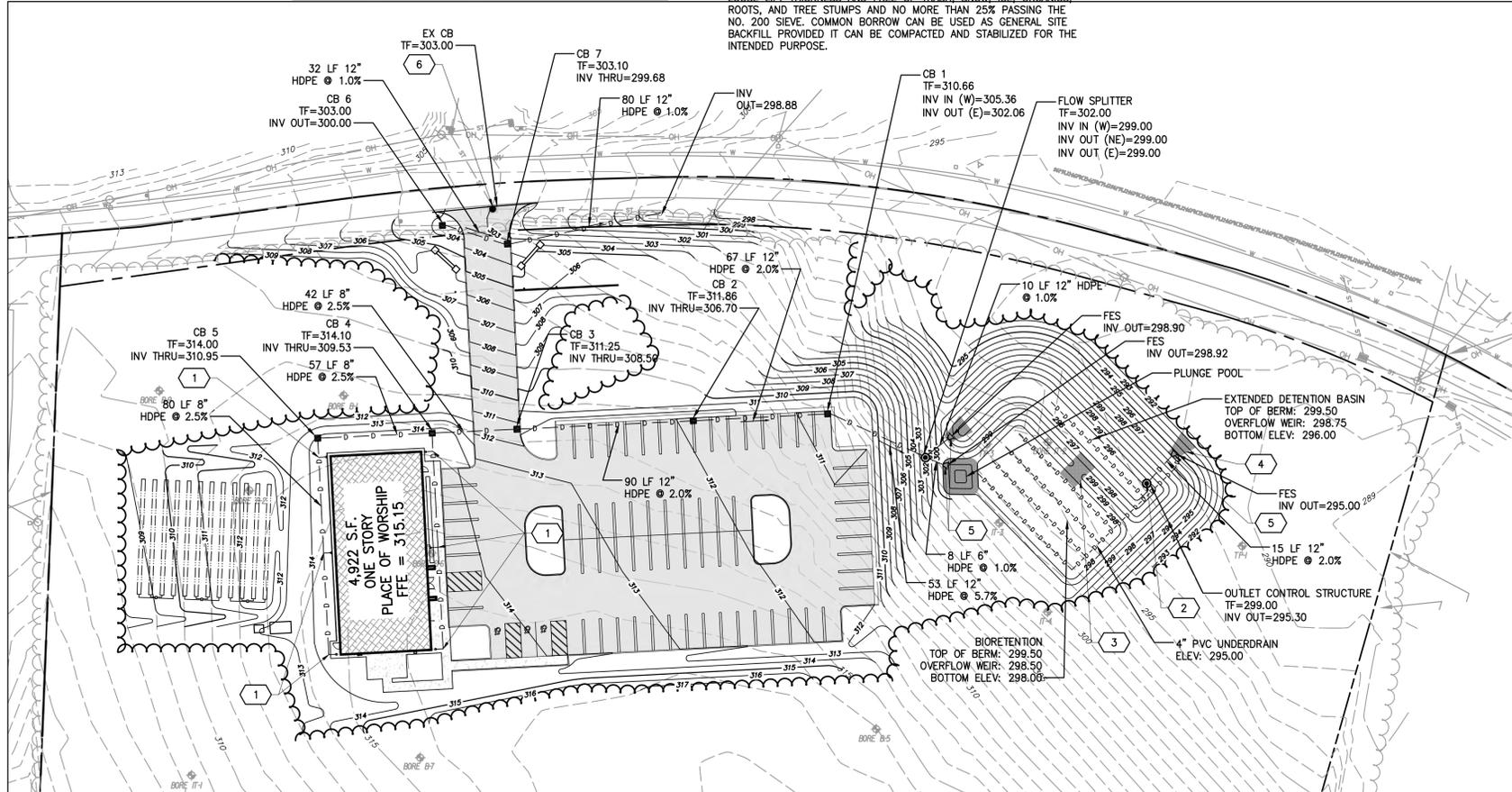
EARTHWORK SPECIFICATIONS

FILL TYPE (1)	USCS CLASSIFICATION	ACCEPTABLE LOCATION FOR PLACEMENT
STRUCTURAL FILL	GW, GW-GM, SW, SW-SM (2)	ALL LOCATIONS AND ELEVATIONS.
COMMON FILL	VARIES (3)	COMMON FILL MAY BE USED FOR GENERAL SITE GRADING, COMMON FILL SHOULD NOT BE USED UNDER SETTLEMENT OR FROST-SENSITIVE STRUCTURES.
CRUSHED STONE	GP	FOR USE ON WET SUBGRADES AND AS DRAINAGE FILL. SHOULD BE UNIFORM 3/4-INCH ANGULAR CRUSHED STONE.
DENSE GRADED CRUSHED STONE	(4)	FOR USE ON ROADWAY BASE AND SUBBASE

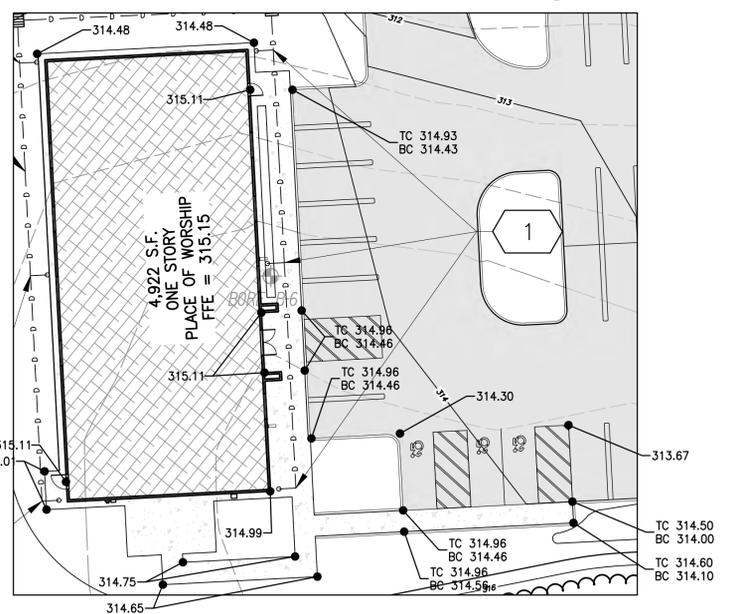
- COMPACTED FILL SHOULD CONSIST OF APPROVED MATERIALS THAT ARE FREE OF ORGANIC MATTER AND DEBRIS. FROZEN MATERIALS SHOULD NOT BE USED. FILL SHOULD NOT BE PLACED ON A FROZEN SUBGRADE.
- IMPORTED STRUCTURAL FILL SHOULD MEET THE FOLLOWING GRADATION:

SIEVE SIZE	PERCENT FINER
3-INCHES	100
1/2-INCHES	70-100
NO. 4	50-85
NO. 10	30-55
NO. 60	8-24
NO. 200	3-10
- FRIABLE, NATURAL SOIL CONTAINING NO GRAVEL GREATER THAN 3/8" LOOSE LIET THICKNESS AND FREE OF TRASH, SNOW, ICE, ORGANICS, ROOTS, AND TREE STUMPS AND NO MORE THAN 25% PASSING THE NO. 200 SIEVE. COMMON BORROW CAN BE USED AS GENERAL SITE BACKFILL PROVIDED IT CAN BE COMPACTED AND STABILIZED FOR THE INTENDED PURPOSE.
- DENSE GRADED CRUSHED STONE SHOULD MEET THE FOLLOWING GRADATION:

SIEVE SIZE	PERCENT FINER
2-INCHES	100
1 1/2-INCHES	70-100
3/4-INCHES	50-85
NO. 4	30-55
NO. 50	8-24
NO. 200	3-10



1 GRADING AND DRAINAGE PLAN



2 GRADING ENLARGEMENT - BUILDING

GENERAL EARTHWORK NOTES

- FOR ADDITIONAL INFORMATION ABOUT SITE-SPECIFIC SOILS AND ENGINEERING RECOMMENDATIONS, PLEASE REFER TO THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY GIFFORD ENGINEERING, DATED 3/4/2020. IN CASE A NOTE ON THESE PLANS CONFLICTS WITH THE GEOTECHNICAL REPORT RECOMMENDATIONS, THE MORE STRINGENT OF THE TWO SHALL APPLY.
- PRIOR TO COMMENCEMENT OF GRADING OR FILL PLACEMENT, ANY MISCELLANEOUS TRASH, DEBRIS, OR OTHER UNSUITABLE MATERIALS SHOULD BE REMOVED FROM THE SITE. CLEARING AND GRUBBING OF ALL TREES (INCLUDING REMOVAL OF ANY ASSOCIATED ROOT SYSTEMS) AND VEGETATION DESIGNATED FOR REMOVAL SHOULD BE PERFORMED.
- TOPSOIL SHOULD BE STRIPPED FROM THE PROPOSED BUILDING AND PAVEMENT AREAS. BASED ON THE GEOTECHNICAL INVESTIGATION, THE SITE CONTAINS BETWEEN 4 AND 8 INCHES OF TOPSOIL. AT THIS TIME, WE ANTICIPATE THAT THE TOPSOIL CAN BE USED IN PROPOSED LANDSCAPED AREAS; THE REUSE OF THE ONSITE TOPSOIL SHOULD BE EVALUATED BY A QUALIFIED LANDSCAPE ARCHITECT WITH REGARDS TO NUTRIENT LEVELS, GRAIN SIZE, PH, ETC. TOPSOIL DEEMED UNSUITABLE FOR REUSE SHOULD BE PROPERLY DISPOSED IN AREAS NOT REQUIRING STRUCTURAL FILL. CONFIRM WITH ENGINEER OF RECORD BEFORE EXPORTING MATERIAL OFFSITE (IF REQUIRED).
- ANY FORMER CONCRETE FOUNDATIONS AND FLOOR SLABS AND ABANDONED UTILITIES THAT ARE ENCOUNTERED BENEATH PROPOSED BUILDINGS SHOULD BE COMPLETELY REMOVED. FORMER CONCRETE FOUNDATIONS AND FLOOR SLABS SHOULD BE CUT TO A MINIMUM OF 3 FEET BELOW PROPOSED SUBGRADE LEVELS IN PROPOSED PAVEMENT AND LANDSCAPE AREAS.
- EXISTING UTILITIES THAT CONFLICT WITH NEW CONSTRUCTION SHOULD BE REMOVED FROM PROPOSED BUILDING FOOTPRINT AREA. EXISTING UTILITIES LOCATED OUTSIDE OF THE PROPOSED BUILDING FOOTPRINT SHOULD BE REMOVED OR ABANDONED IN-PLACE BY COMPLETE FILLING WITH GROUT. EXCAVATIONS MADE TO REMOVE FOUNDATION ELEMENTS OR UTILITIES SHOULD BE BACKFILLED WITH APPROVED COMPACTED FILL AS DESCRIBED IN THE ENGINEERED FILL SECTION OF THE GEOTECHNICAL REPORT.
- ANY EXISTING PAVEMENT AND CONCRETE WALKWAYS THAT ARE NOT PART OF THE FINAL DESIGN LAYOUT SHOULD BE DEMOLISHED IN THEIR ENTIRETY.
- ALL CLEARING AND STRIPPING ACTIVITIES SHOULD BE PERFORMED IN STRICT ACCORDANCE WITH APPROVED SOIL EROSION AND SEDIMENT CONTROL PLANS. ALL SITE DEMOLITION AND SITE PREPARATION WORK SHOULD BE PERFORMED IN ACCORDANCE WITH ANY ENVIRONMENTAL REGULATIONS.
- ALL WORK SHOULD BE PERFORMED SO AS TO NOT ADVERSELY IMPACT THE EXISTING AND NEIGHBORING BUILDINGS, OFFSITE STRUCTURES, ROADWAYS, OR UTILITIES.
- CONSULT WITH THE GEOTECHNICAL ENGINEER BEFORE ADJUSTING RECOMMENDATIONS AS MAY BE NEEDED BASED ON ACTUAL CONDITIONS ENCOUNTERED ONSITE THAT MAY DIFFER FROM WHAT WAS ENCOUNTERED DURING THE INVESTIGATION.

PROOF-ROLLING NOTES

- ALL BUILDING PAD AND PAVEMENT SUBGRADE SURFACES EXPOSED AFTER THE STRIPPING OF THE VEGETATION AND THE WEAK SURFICIAL SOILS, AS WELL AS ALL AREAS OF THE SITE PLANNED FOR THE PLACEMENT OF GENERAL FILL SOILS, SHOULD BE PROOF-ROLLED WITH AT LEAST 4 PASSES OF EITHER A SMOOTH ROLLER HAVING A MINIMUM STATIC WEIGHT OF 5 TONS OR A FULLY LOADED TANDEM DUMP TRUCK OR EQUIVALENT. ANY SOFT OR WEAK AREAS IDENTIFIED BY THE QUALIFIED SITE INSPECTOR WORKING IN COORDINATION WITH THE CIVIL ENGINEER DURING PROOF-ROLLING SHOULD BE REMOVED AND REPLACED WITH SELECT FILL SOILS OR GENERAL FILL SOILS, DEPENDING UPON THE AREA, THAT ARE INSTALLED IN ACCORDANCE WITH RECOMMENDATIONS PRESENTED IN "SITEWORK" SECTION OF THE GEOTECHNICAL REPORT. THE REASONS FOR PROOF-ROLLING OF THE SUBGRADE IS THAT SOME SOILS HAVE BEEN FOUND TO COMPACT TO MINIMUM DENSITY REQUIREMENTS BUT TO STILL EXHIBIT "PUMPING" TENDENCIES. PROOF-ROLLING OF THE SUBGRADE SHOULD IDENTIFY THE SOILS THAT HAVE A TENDENCY TO PUMP SO THAT THEY CAN BE REMOVED AND REPLACED WITH MORE SUITABLE FOUNDATION SOILS APPROVED BY THE GEOTECHNICAL ENGINEER.

STRUCTURAL FILL NOTES

- STRUCTURAL FILL SHALL BE AS SPECIFIED IN THE GEOTECHNICAL REPORT SECTION "CONTROLLED FILL".

COMPACTION TESTING NOTES

- COMPACTION AND MOISTURE CONTENT OF SUBGRADE AND EACH LIFT OF STRUCTURAL FILL SHALL BE INSPECTED AND APPROVED BY A QUALIFIED ENGINEERING TECHNICIAN, SUPERVISED BY A GEOTECHNICAL ENGINEER.
- SUBGRADE COMPACTION TESTS SHOULD BE PERFORMED AT AN AVERAGE RATE OF ONE TEST FOR EVERY 2,000 SF OF BUILDING PAD SUBGRADE AREA OR EVERY 5,000 SF OF PAVEMENT OR GENERAL FILL AREA, WITH A MINIMUM OR THREE TESTS BEING PERFORMED FOR EACH DISTINCT SUBGRADE AREA.

FILL AREA	PERCENT MAX DENSITY PER ASTM D698	PERCENT MAX DENSITY PER ASTM D1557
FOUNDATION SUPPORT FILL	98%	95%
FOUNDATION BACKFILL	98%	95%
SLAB-ON-GRADE, PAVED AREAS	98%	95%
NON-STRUCTURAL AREAS, GREEN AREAS	92%	90%

SHEET KEYNOTES

- 6" HDPE CONNECTED TO DOWNSPOUT (0.8% SLOPE). SEE DETAIL 2/C-503
- OUTLET CONTROL STRUCTURE. SEE DETAIL 9/C-503
- RIP-RAP SPILLWAY. SEE DETAIL 6/C-503
- RIP-RAP APRON. SEE DETAIL 8/C-502
- FLARED END SECTION. SEE DETAIL 5/C-503
- REPLACE EXISTING CATCH BASIN FRAME AND GRATE WITH NEW FRAME AND SOLID COVER.

GENERAL GRADING NOTES

- REFER TO C-001 COVER SHEET FOR GENERAL NOTES REFERENCING SURVEY INFORMATION, DATUMS, GENERAL PROJECT AND CONSTRUCTION INFORMATION
- CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.
- YARD AREAS, SIDEWALKS AND PAVEMENT SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS. FINISHED SURFACES SUCH AS ALL PAVING, SIDEWALKS AND RAMPS IN ACCESSIBLE AREAS SHALL CONFORM TO FEDERAL AND NEW YORK STATE ACCESSIBILITY STANDARDS. ACCESSIBLE ROUTES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ARCHITECTURAL DRAWINGS AND WITH THE FOLLOWING:
 - PARKING AND LOADING AREAS - MAXIMUM SLOPE OF 1:50 (2%) IN ALL DIRECTIONS IN ACCESSIBLE PARKING SPACES AND AISLES. ACCESSIBLE ROUTES - MAXIMUM SLOPE OF 1:20 (5%) IN THE DIRECTION OF TRAVEL. MAXIMUM CROSS SLOPE OF 1:50 (2%). BUILDING ENTRANCES AND EXITS - AT ALL LOCATIONS 5'X5' (MINIMUM) ACCESSIBLE, CONCRETE WALK WITH A MAXIMUM SLOPE OF 1:50 (2%) IN ALL DIRECTIONS.
- CONTRACTOR SHALL GRADE THE SITE TO MATCH EXISTING GROUND AT THE LIMITS OF THE PROJECT SITE. ALL DRAINAGE ENTERING THE PROJECT AREA SHALL BE INTERCEPTED IN THE FINAL GRADING. TRANSITIONS TO EXISTING GROUND THAT ARE DIFFERENT FROM THE PLANS SHALL BE COORDINATED PRIOR TO FINAL GRADING. LAWN AREAS TO BE MOWED SHOULD NOT EXCEED A SLOPE OF 4:1.
- ALL AREAS WITHIN THE PROJECT SITE SHALL BE GRADED TO DRAIN TO ON-SITE STORM SEWERS OR TO THE PUBLIC R.O.W. THE DEVELOPMENT SHALL NOT HAVE ANY ADVERSE IMPACTS TO SURROUNDING PROPERTIES.

STORM DRAINAGE CONSTRUCTION NOTES

- CONSTRUCTION IN STORM SEWER AND DRAINAGE EASEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION'S REQUIREMENTS.
- SPECIFICATIONS:
 - PIPES WITHIN THE PUBLIC R.O.W.: PIPE SHALL BE CLASS III, WALL B, REINFORCED CONCRETE PIPE IN ACCORDANCE WITH ASTM C76.
 - PIPES WITHIN PROPERTY: 4" AND GREATER SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) WITH SOIL-TIGHT JOINTS IN ACCORDANCE WITH ASTM F2648 WITH RUBBER GASKETS MEETING ASTM F477 WITH FITTINGS IN ACCORDANCE WITH ASTM F2306 UNLESS OTHERWISE SPECIFIED. INSTALLATION OF HDPE STORM SEWERS SHALL BE IN ACCORDANCE WITH ASTM D2321 IN ALL CASES. CHANGES IN PIPE SIZE OR TYPE SHALL OCCUR AT AN APPROVED STRUCTURE.
 - MANHOLES: USE ROUND CONCRETE MANHOLES WITH ECCENTRIC CONES WITH 24" OPENING IN ACCORDANCE WITH ASTM C478, RUBBER GASKETS IN ACCORDANCE WITH C433 AND STEPS IN ACCORDANCE WITH C497.
 - CATCH BASINS: USE SQUARE CONCRETE BOX IN ACCORDANCE WITH ASTM C913 WITH RUBBER GASKETS IN ACCORDANCE WITH C433 AND STEPS IN ACCORDANCE WITH ASTM C497.
 - FRAMES AND COVERS: SHALL BE IN ACCORDANCE WITH AASHTO M105.
- CONTRACTOR SHALL VERIFY ALL FLOWLINE OR INVERT ELEVATIONS 48 HOURS PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. IF A DISCREPANCY IS DISCOVERED, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
- ROOF DRAINAGE TO BE DIRECTED FROM BUILDING TO STORM SYSTEM VIA DOWNSPOUTS.

SYMBOLS LEGEND

	EXISTING	PROPOSED
CONTOUR-MAJOR		
CONTOUR-MINOR		
STORM SEWER		
TOP OF BANK		
SPOT GRADE		
SPOT GRADE TOP OF CURB		
DIRECTION OF WATER FLOW		
DOWN SPOUT		
CATCH BASIN - NO CURB PIECE		
CURB INLET		
STORM MANHOLE		
FLARED END SECTION		
RIP RAP APRON		
HEADWALL		
SURVEY BENCHMARK		

CIVIL ENGINEER

GPI Engineering Design Planning Construction Inspection
518.483.9433 GPNET.COM

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 300
Albany, NY 12205

STATE OF NEW YORK
GREENMAN-PEDERSEN, INC.
LICENSED PROFESSIONAL ENGINEER
No. 131

CONSULTANT:

NOT FOR CONSTRUCTION

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31 MAY 23	SUBMISSION TO TOWN
28 APR 23	SUBMISSION TO TOWN
15 FEB 23	SUBMISSION TO TOWN
11 NOV 22	SUBMISSION TO TOWN
20 OCT 22	GPI CONCEPT FOR REVIEW
16 SEP 22	CONCEPT FOR REVIEW

MARK: DATE: DESCRIPTION:

OWNER:

JW CONGREGATION SUPPORT, INC.
1005 RED MILLS ROAD
WALLKILL, NY 12589-3283

PROJECT TITLE:

NEWBURGH KINGDOM HALL OF JEHOVAH'S WITNESSES
33 OLD LITTLE BRITAIN RD
NEWBURGH, NY 12550

SHEET TITLE:

GRADING AND DRAINAGE PLAN

PROJECT No. **37147**

SHEET No. **CG101**

PLOTTED BY: DSGN\DRFT: DIMSCALE: 20.00
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 PLOT DATE: 20.00

LIST OF CONTACTS FOR UTILITY COMPANIES

1. WATER & SEWER
TOWN OF NEWBURGH—JEFF GUIDO; 308 GARDNERTOWN ROAD, NEWBURGH, NY; 845-564-7803
2. ELECTRIC
CHG&E—LISA CARVER; 610 LITTLE BRITAIN ROAD, NEW WINDSOR, NY; 845-563-4529
3. GAS
CHG&E—LISA CARVER; 610 LITTLE BRITAIN ROAD, NEW WINDSOR, NY; 845-563-4529

SHEET KEYNOTES

1. 1" GAS LINE CONNECTION W/METER
2. 6" DIP WATER LINE CONNECTION
3. 6" WATER METER TO BE LOCATED INSIDE BUILDING
4. WATER TAP CONNECTION WITH TAPPING SLEEVE AND CURB BOX. SEE DETAIL 4/C-502
5. 4" SDR-35 PVC
6. SEWER @ BLDG.
7. SANITARY SEWER CLEANOUT, TYP. AT LEAST ONE TO BE DUAL DIRECTION. SEE DETAILS 5 AND 6, SHEET C-502
8. 3/4" ELECTRICAL CONDUIT FOR LIGHTING CIRCUITS. SEE ELECTRICAL PLANS FOR CONDUIT LAYOUT
9. 2" ELECTRICAL CONDUIT FROM METER
10. TRANSFORMER AT POWER POLE
11. LIGHT POLE ON CONCRETE BASE. SEE ES101 FOR DETAIL AND POLE HEIGHT
12. STORM SEWER SYSTEM. SEE CG101 FOR MORE INFORMATION

SANITARY SEWER CONSTRUCTION NOTES

1. SANITARY SEWER CONSTRUCTION AND TESTING SHALL BE IN ACCORDANCE WITH THE RULES AND REQUIREMENTS OF THE TOWN OF NEWBURGH ENGINEERING DEPARTMENT, ORANGE COUNTY DEPARTMENT OF HEALTH, AND THE NEW YORK STATE DEPARTMENT OF HEALTH.
2. SPECIFICATIONS:
 - A. FOR PVC PIPES LESS THAN 8 FT DEEP:
USE 4" PVC SDR-35 IN ACCORDANCE WITH ASTM D3034 WITH RUBBER GASKET JOINTS PER ASTM D3213 INSTALLED IN ACCORDANCE WITH ASTM D2321. SANITARY SEWER BEDDING WITHIN FIVE (5) FEET OF THE BUILDING SHALL BE BEDDED AND BACKFILLED WITH STRUCTURAL FILL.
3. SEPARATION DISTANCES FOR ALL SANITARY/STORM SEWER AND WATER MAIN CONSTRUCTION SHALL BE 18 VERTICAL INCHES AND/OR 10 HORIZONTAL FEET IN ACCORDANCE WITH THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS' SPECIFICATIONS, "MAIN LINE SEWER AND BUILDING LATERAL SEWER GENERAL GUIDELINES, CONSTRUCTION APPLICATION, CONSTRUCTION PERMIT PROCEDURES, STANDARD DETAILS, AND SANITARY SEWER SPECIFICATIONS" (LATEST PRINTING) AND THE TOWN OF NEWBURGH'S REQUIREMENTS.
4. ALL CLEANOUTS THAT ARE PLACED WITHIN PAVING OR SIDEWALK AREAS SHALL BE INSTALLED WITH A NON-SKID, TRAFFIC RATED, SEALED METAL COVER SET FLUSH WITH THE FINISHED PAVING ELEVATION.
5. THE MINIMUM DEPTH OF COVER REQUIRED FOR ALL SANITARY SEWERS AND LATERALS SHALL BE 4 FEET.
6. THE JOINT DEFLECTION METHOD SHALL BE USED WHERE PRACTICAL IN LIEU OF INSTALLING BENDS.

GAS CONSTRUCTION NOTES

1. THE MINIMUM DEPTH OF COVER FOR ALL UNDERGROUND GAS CONDUIT SHALL BE 3 FEET
2. GAS LINE SHALL BE MADE OF POLYETHYLENE PIPE IN ACCORDANCE WITH ASTM D2315 (PE 4710)

UTILITY TRENCH NOTES

1. EXCAVATION AND SHORING REQUIREMENTS FOR ALL OPEN EXCAVATIONS SHOULD BE PERFORMED IN ACCORDANCE WITH APPLICABLE PROVISIONS OF OSHA 29 CFR 1926, SUBPART P.
2. SOILS USED TO BACKFILL UTILITY TRENCHES SHALL BE FREE OF DELETERIOUS MATERIAL AND EXCESSIVE AMOUNTS OF SILT. NATIVE SOILS OR SOILS MEETING STRUCTURAL FILL REQUIREMENTS MAY BE USED FOR BACKFILLING OF UTILITY TRENCHES UNLESS OTHERWISE PROHIBITED BY PLANS AND OTHER SPECIFICATIONS REFERENCED ELSEWHERE.
3. TRENCH BACKFILL SHALL BE PLACED IN LOOSE LIFTS NOT TO EXCEED 8 INCHES AND MECHANICALLY COMPACTED TO THE REQUIRED MOISTURE/DENSITY REQUIREMENTS.
4. SOILS USED TO BACKFILL UTILITIES LOCATED BENEATH BUILDINGS, UNDERNEATH PAVEMENT OR OTHER STRUCTURAL UNITS SHALL BE COMPACTED AT MOISTURE CONTENTS WITHIN THE RANGE OF THE OPTIMAL MOISTURE CONTENT (OMC) TO 4% ABOVE OMC, INCLUSIVE, AND TO AT LEAST 98% OF THE MAX DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST, ASTM D698. ALTERNATIVELY, CEMENT-STABILIZED SAND MAY BE USED FOR UTILITY BACKFILL.
5. EXCEPT UNDER PAVEMENT, BUILDING, OR AS OTHERWISE REQUIRED FOR THE PROJECT, TRENCH BACKFILL ABOVE THE PIPE ZONE MAY BE NATIVE MATERIAL. NATIVE MATERIAL BACKFILL SHALL BE PLACED IN LOOSE LIFTS OF LESS THAN EIGHT (8) INCHES COMPACTED TO A DENSITY OF NINETY (90) PERCENT, STANDARD PROCTOR, MAXIMUM DRY DENSITY, WITH MOISTURE WITHIN 3 PERCENT OF OPTIMUM.
6. SOILS USED TO BACKFILL UTILITIES LOCATED IN LANDSCAPED OR GRASSED AREAS SHALL BE COMPACTED AT MOISTURE CONTENTS IN THE RANGE OF 3% BELOW TO 4% ABOVE OMC, INCLUSIVE, AND TO AT LEAST 92% OF THE MAX DRY DENSITY AS DETERMINED BY STANDARD PROCTOR COMPACTION TEST, ASTM 698.
7. ALL UTILITY TRENCHES SHALL BE EXCAVATED AND BACKFILLED WHILE THE TRENCH IS DRY. EXCAVATION AND BACKFILLING OPERATIONS SHOULD CEASE DURING RAIN OR SNOW EVENTS THAT WOULD CAUSE THE SOIL TO EXCEED THE MAXIMUM MOISTURE CONTENT.
8. CONTRACTOR SHALL PROVIDE ANY DEWATERING FOR UTILITY INSTALLATION, IF REQUIRED.

SYMBOLS LEGEND

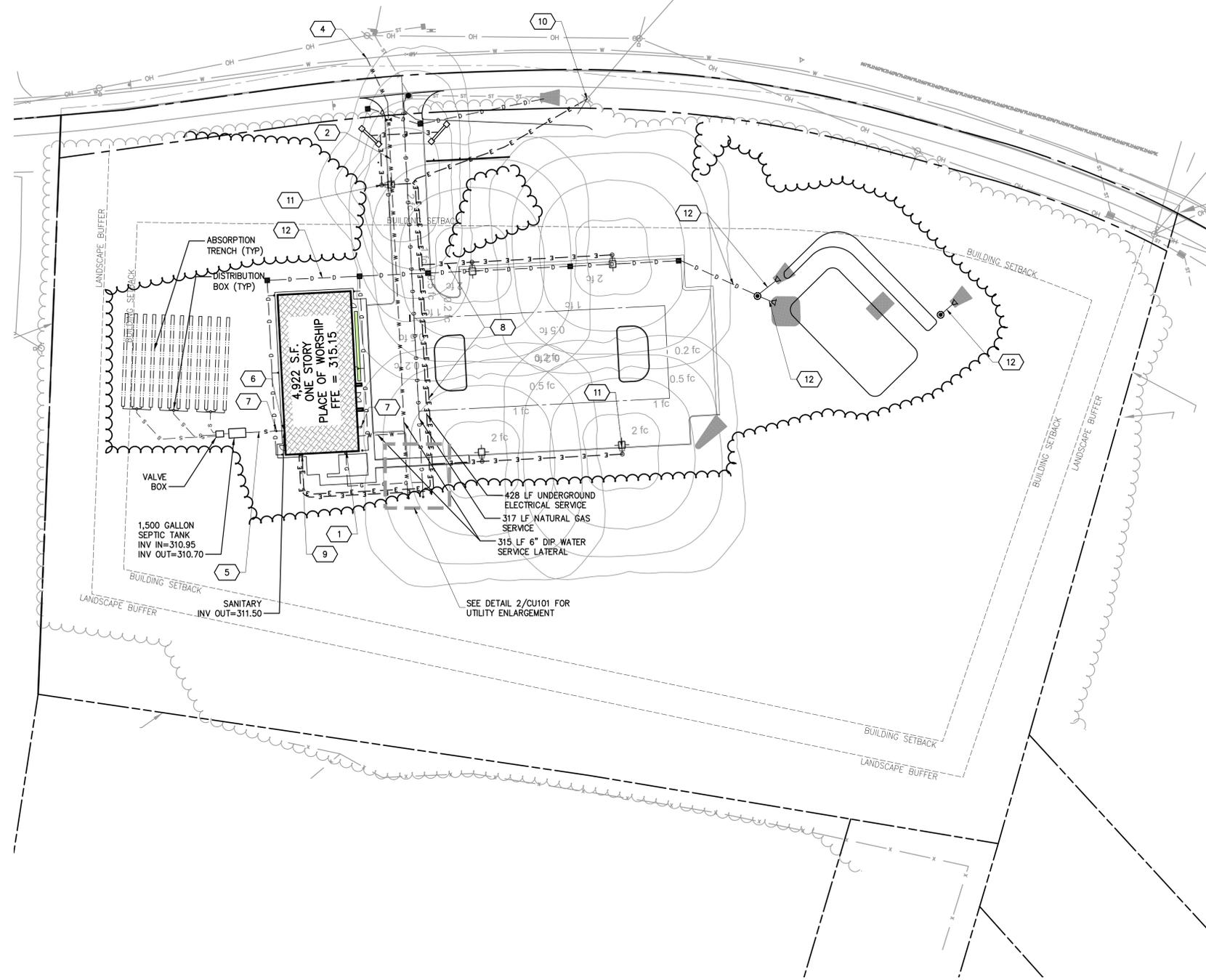
	EXISTING	PROPOSED
STORM SEWER	—D—D—	—D—D—
SANITARY SEWER	—S—S—	—S—S—
UNDERGROUND ELECTRIC LINE	—E—E—	—E—E—
OVERHEAD ELECTRIC LINE	—V—V—	—V—V—
GAS LINE	—G—G—	—G—G—
WATER LINE	—W—W—	—W—W—
CLEANOUT	○	●
WATER METER	□	□
WATER VALVE	⊕	⊕
HYDRANT	⊕	⊕
UTILITY POLE	⊕	⊕
LIGHT POLE	⊕	⊕

GENERAL UTILITY NOTES

1. REFER TO C-001 COVER SHEET FOR GENERAL NOTES REFERENCING SURVEY INFORMATION, DATUMS, GENERAL PROJECT AND CONSTRUCTION INFORMATION
2. CONTRACTOR IS NOTIFIED THAT EXISTING UTILITIES ARE PRESENT AND UTILITY INFORMATION SHOWN ON THE PLANS HAVE BEEN COLLECTED FROM VARIOUS SOURCES AND IS NOT GUARANTEED AS TO ACCURACY OF COMPLETENESS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS SATISFACTION PRIOR TO EXCAVATION.
3. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES WITHIN PROJECT LIMITS TO PREVENT DAMAGE OR IDENTIFY IF ADJUSTMENTS ARE NEEDED. CONTRACTOR SHALL NOTIFY ALL UTILITIES RELATED TO THE PROJECT AT LEAST 2 BUT NOT MORE THAN 10 DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOT PROCEED WITH WORK IN AREAS WHERE UTILITIES HAVE NOT BEEN LOCATED AND MARKED BY UTILITY COMPANIES. FOR UTILITY MARKOUT, CALL DISASAFETY (811)
4. WHERE EXISTING UTILITIES ARE TO BE CROSSED BY PROPOSED CONSTRUCTION, TEST PITS SHALL BE DUG BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO CONFIRM EXISTING INVERTS, MATERIALS AND SIZES, SUCH THAT CONFLICTS MAY BE AVOIDED.
5. CONTRACTOR MUST VERIFY ALL EXISTING WATER, SEWER, AND STORMWATER INFRASTRUCTURE WITHIN THE PROPERTY AND PUBLIC RIGHT-OF-WAY BEFORE ORDERING STRUCTURES OR CONNECTING TO EXISTING LINES. CONFIRMATION MUST INCLUDE ALL HORIZONTAL AND VERTICAL LOCATIONS.
6. UNLESS OTHERWISE NOTED, MAINTAIN 6 INCHES OF VERTICAL CLEARANCE (MINIMUM) AT CROSSINGS BETWEEN ALL UNDERGROUND CONDUITS.
7. REFER TO ELECTRICAL SITE PLAN FOR ELECTRICAL CONDUIT SPECIFICATIONS

WATER UTILITY NOTES

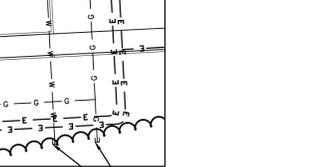
1. WATER CONSTRUCTION NOTES SHALL APPLY TO THE ON-SITE, DOMESTIC AND FIRE SYSTEMS FROM FIVE FEET OUTSIDE THE BUILDING TO THE METER OR SERVICE CONNECTION.
2. ALL WATER LINE CONSTRUCTION AND TESTING SHALL CONFORM TO THE REQUIREMENTS OF THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS.
3. SEPARATION DISTANCES FOR ALL WATER MAIN AND SANITARY/STORM SEWER MAIN CONSTRUCTION SHALL BE 18 VERTICAL INCHES AND/OR 10 HORIZONTAL FEET IN ACCORDANCE WITH THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS' SPECIFICATIONS, "MAIN LINE SEWER AND BUILDING LATERAL SEWER GENERAL GUIDELINES, CONSTRUCTION APPLICATION, CONSTRUCTION PERMIT PROCEDURES, STANDARD DETAILS, AND SANITARY SEWER SPECIFICATIONS" (LATEST PRINTING).
4. ALL WATER LINES SHALL BE CONSTRUCTED ABOVE SANITARY SEWERS AT ALL CROSSINGS. ALL WATER LINES SHALL BE CONSTRUCTED WITH A MINIMUM OF 18 INCHES FROM SEWER LINES. WHEN POTABLE WATER LINES PASS UNDERNEATH SEWER LINES, AN EIGHTEEN-FOOT LONG, CONTINUOUS JOINT OF WATER LINE SHALL BE CENTERED AT ALL CROSSINGS WITH SANITARY SEWERS.
5. SPECIFICATIONS:
 - A. DOMESTIC WATER SERVICE:
3/4" TO 2" - USE COPPER, TYPE K, IN ACCORDANCE WITH ASTM B88.
 - B. PRIVATE FIRE SERVICE:
<4" - 3" TO 12" - USE DUCTILE IRON PIPE PRESSURE CLASS 350 IN ACCORDANCE WITH ANSI/AWWA A21.50/C151, FITTINGS MEETING ANSI/AWWA A21.53/C153, WITH RUBBER GASKETS MEETING ANSI/AWWA A21.11.C111. PIPING SHALL USE CEMENT MORTAR LINING MEETING THE REQUIREMENTS OF AWWA C153 AND C104.
6. WATER LINE CONSTRUCTION SHALL INCLUDE BEDDING AND MECHANICAL JOINT RESTRAINTS IN ACCORDANCE WITH THE DETAILS.
7. WATER LINES WITHIN FIVE (5) FEET OF THE BUILDING SHALL BE BEDDED AND BACKFILLED USING STRUCTURAL FILL. WATER LINES BEYOND FIVE (5) FEET FROM THE BUILDING AND 4" IN DIAMETER OR GREATER SHALL BE BEDDED AND BACKFILLED PER DETAIL 11/C-502.
8. CONTRACTOR TO PERFORM CHLORINATION AND BACTERIOLOGICAL SAMPLING AND OBTAIN CLEARANCE OF DOMESTIC WATER SYSTEM. COPIES OF ALL BACTERIOLOGICAL TESTS TO BE SUBMITTED TO OWNER AND ENGINEER.
9. FIRE HYDRANT, GATE VALVE, AND BLOW-OFF VALVE ASSEMBLIES SHALL CONSIST OF ALL PIPE, VALVES, TEES, FITTINGS, AND ANY AND ALL OTHER APPURTENANCES COMPRISING A COMPLETE WORKING UNIT.
10. ALL COMPONENTS OF THE WATER SYSTEM SHALL REMAIN UNCOVERED UNTIL PROPERLY PRESSURE TESTED AND ACCEPTED BY THE TOWN OF NEWBURGH'S WATER DEPARTMENT OR THE CHIEF ENGINEER. PRESSURE TESTS SHALL BE IN ACCORDANCE WITH THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS' SPECIFICATIONS.
11. THE CONTRACTOR SHALL NOT OPERATE ANY VALVES OR PRESSURE TEST AGAINST ANY COUNTY/CITY INSTALLED VALVES OR FITTINGS.
12. SEE SHEET C-505 FOR TOWN OF NEWBURGH WATER SYSTEM NOTES.



1 UTILITY PLAN



2 UTILITY ENLARGEMENT



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DATE	DESCRIPTION
31 MAY 23	SUBMISSION TO TOWN
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16 SEP 22	CONCEPT FOR REVIEW

OWNER:
JW CONGREGATION SUPPORT, INC.
1005 RED MILLS ROAD
WALLKILL, NY 12589-3283

PROJECT TITLE:
NEWBURGH KINGDOM HALL OF JEHOVAH'S WITNESSES
33 OLD LITTLE BRITAIN RD
NEWBURGH, NY 12550

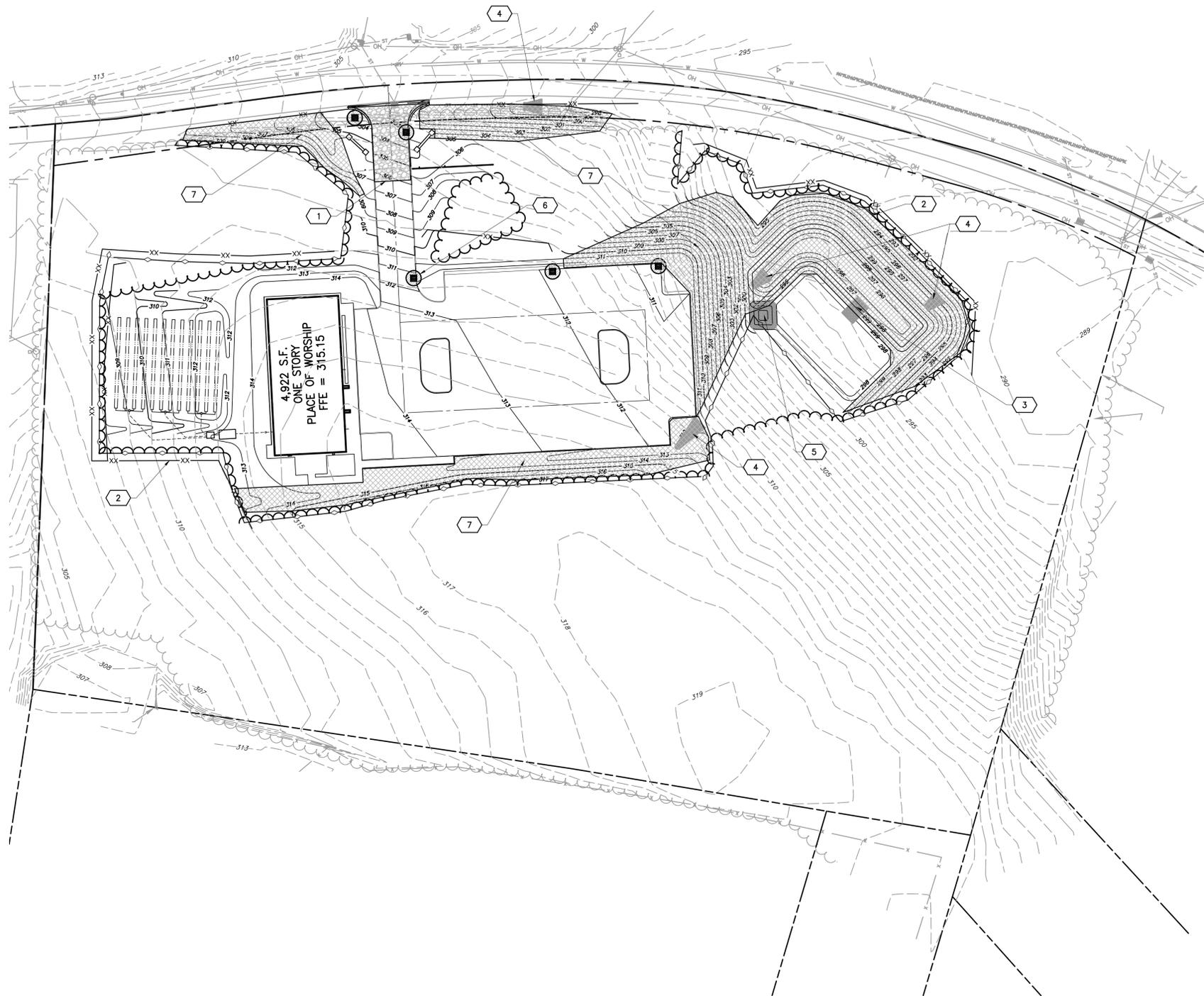
SHEET TITLE:
UTILITY PLAN

PROJECT No. **37147**

SHEET No. **CU101**

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 PLOT DATE: 20.00
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PLOTTED BY: DSN\DRFT
 DMSCALE: 20.00
 FILE PATH: E:\2022\2200152.00 Newburgh Civil Design -WCS\CADD\01 CIVIL\USA37025_CE101_Erosion_Control_Plan.dwg



SHEET KEYNOTES

1. CONSTRUCTION ENTRANCE. SEE DETAIL 10/C-502
2. SILT FENCE. SEE DETAIL 9/C-502
3. RIP-RAP STABILIZED SPILLWAY. SEE DETAIL 6/C-503
4. RIP-RAP APRON. SEE DETAIL 8/C-502
5. PLUNGE POOL
6. INLET FILTER
7. EROSION CONTROL BLANKET. SEE DETAIL 7/C-502

SYMBOLS LEGEND

- PROPOSED**
- XX— SILT FENCE
 - LIMIT OF DISTURBANCE
 - ⊙ INLET FILTER
 - ▨ RIPRAP/CONSTRUCTION ENTRANCE
 - ▩ EROSION CONTROL BLANKET

SOIL EROSION AND BMP INSPECTION NOTES

1. AT A MINIMUM, THE FOLLOWING SHALL BE PROVIDED.
 1. INSPECTIONS SHALL BE PERFORMED ONCE EVERY 7 CALENDAR DAYS OR THE OCCURRENCE OF RUNOFF FROM SNOWMELT SUFFICIENT TO CAUSE A DISCHARGE.
 2. DURING EACH INSPECTION, CONTRACTOR SHALL INSPECT THE FOLLOWING AREAS OF THE SITE:
 - CLEARED, GRADED, OR EXCAVATED AREAS OF THE SITE
 - STORMWATER CONTROLS (E.G. PERIMETER CONTROLS, SEDIMENT BASINS, INLETS, EXIT POINTS, ETC.) AND PRACTICES (E.G. POLLUTION PREVENTION PRACTICES FOR VEHICLES FUELING/MAINTENANCE AND WASHING, STORAGE, HANDLING AND DISPOSAL, ETC.) AT THE SITE.
 - MATERIAL, WASTE, OR BORROW AREAS COVERED BY AN EPA SWPPP OR SOIL EROSION PERMIT AND EQUIPMENT STORAGE MAINTENANCE AREAS
 - AREAS WHERE STORMWATER FLOWS WITHIN THE SITE.
 - STORMWATER DISCHARGE POINTS, AND
 - AREAS WHERE STABILIZATION HAS BEEN IMPLEMENTED.
 3. DURING EACH SITE INSPECTION, CONTRACTOR SHALL CHECK:
 - WHETHER STORMWATER CONTROLS OR POLLUTION PREVENTION PRACTICES ARE PROPERLY INSTALLED, REQUIRING CORRECTIVE ACTION, OR WHETHER NEW OR MODIFIED CONTROLS ARE REQUIRED;
 - FOR THE PRESENCE OF CONDITIONS THAT COULD LEAD TO SPILLS, LEAKS, OR OTHER POLLUTANT ACCUMULATIONS AND DISCHARGES;
 - FOR LOCATIONS WHERE NEW OR MODIFIED STORMWATER CONTROLS ARE NECESSARY TO MEET REQUIREMENTS OF EPA SWPPP OR SOIL EROSION PERMIT;
 - WHETHER THERE ARE VISIBLE SIGNS OF EROSION AND SEDIMENT ACCUMULATION AT POINTS OF DISCHARGE AND TO THE CHANNELS AND STREAMBANKS THAT ARE IN THE IMMEDIATE VICINITY OF THE DISCHARGE
 - IF A STORMWATER DISCHARGE IS OCCURRING AT THE TIME OF INSPECTION, WHETHER THERE ARE OBVIOUS VISUAL SIGNS OF POLLUTANT DISCHARGES; AND
 - IF ANY PERMIT VIOLATIONS HAVE OCCURRED ON THE SITE

GENERAL SHEET NOTES

1. REFER TO C-001 COVER SHEET FOR GENERAL NOTES REFERENCING SURVEY INFORMATION, DATUMS, GENERAL PROJECT AND CONSTRUCTION INFORMATION.
2. BMP INSPECTIONS TO BE SCHEDULED DURING CONSTRUCTION. ALL SOIL EROSION AND SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" CURRENT EDITION.
3. PLEASE REFER TO EARTHWORK AND UTILITY TRENCH NOTES ON THE GRADING PLAN AS WELL AS FOR SPECIFIC REFERENCE TO THE GEOTECHNICAL REPORT.
4. ALL SOIL TO BE EXPOSED OR STOCKPILED FOR A PERIOD OF GREATER THAN 14 DAYS, AND NOT UNDER ACTIVE CONSTRUCTION SHALL BE TEMPORARILY SEEDED AND HAY MULCHED OR OTHERWISE PROVIDED WITH VEGETATIVE COVER. THIS TEMPORARY COVER SHALL BE MAINTAINED UNTIL SUCH TIME WHEREBY PERMANENT RESTABILIZATION IS ESTABLISHED.
5. SEDIMENT FENCES ARE TO BE PROPERLY TRENCHED AND MAINTAINED UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED.
6. ALL EROSION CONTROL DEVICES SHALL BE PERIODICALLY INSPECTED, MAINTAINED AND CORRECTED BY THE CONTRACTOR. ANY DAMAGE INCURRED BY EROSION SHALL BE IMMEDIATELY RECTIFIED.
7. SEDIMENT IN BASINS SHALL BE REMOVED AT REGULAR INTERVALS. THE LAST TWO FEET OF ANY INFILTRATION BASINS SHOULD NOT BE EXCAVATED IF IT WILL BE USED AS A SEDIMENT BASIN. BASIN CONSTRUCTION MUST NOT COMPACT SOILS AT BASIN BOTTOM.
8. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. DO NOT UTILIZE A FIRE OR GARDEN HOSE TO CLEAN ROADS UNLESS THE RUNOFF IS DIRECTED TO A PROPERLY DESIGNED AND FUNCTIONING SEDIMENT BASIN. ALL PUMP DEWATERING SHALL BE DIRECTED TOWARD A SEDIMENT BASIN.
9. THE MAXIMUM SOIL SLOPES SHALL NOT EXCEED 3:1 UNLESS ADDITIONAL MEASURES ARE TAKEN AND APPROVED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.

CLEARING/DEMOLITION NOTES

1. PRIOR TO ANY SOIL DISTURBANCE OR LAND CLEARING, ALL SOIL EROSION AND SEDIMENT CONTROLS MUST BE IN PLACE.
2. PRIOR TO ANY SITE CLEARING, ALL TREES SHOWN TO REMAIN AS INDICATED ON PLANS SHALL BE PROTECTED IN ACCORDANCE WITH LOCAL REGULATIONS. THE CONTRACTOR SHALL MAINTAIN THESE TREES IN GOOD CONDITION.
3. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION, AS NOTED ON THE PLANS.
4. THE CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANIES TO DISCONNECT / RELOCATE THEIR FACILITIES WITHIN THE LIMITS OF CONSTRUCTION PRIOR TO ANY DEMOLITION.
5. REMAINING EARTHWORK THAT RESULTS FROM CLEARING AND GRUBBING OR SITE EXCAVATION IS TO BE UTILIZED ONSITE, PROVIDED THAT THE MATERIAL IS DEEMED SUITABLE FOR CONSTRUCTION BY THE OWNER'S SOIL TESTING COMPANY.
6. THE CONTRACTOR SHALL CALL DIGSAFENY (811) AT LEAST 72 HOURS PRIOR TO ANY EARTHWORK ACTIVITIES.

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PROJECT TITLE:
NEWBURGH KINGDOM HALL OF JEHOVAH'S WITNESSES
 33 OLD LITTLE BRITAIN RD
 NEWBURGH, NY 12550

SHEET TITLE:
EROSION CONTROL PLAN

PROJECT No. **37147**

SHEET No. **CE101**

SITE PLANTING SCHEDULE

QTY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION
TREES					
12	AR	ACER RUBRUM	RED MAPLE	2.5"-3" CAL.	B&B
4	QP	QUERCUS PALUSTRIS	PIN OAK	2.5"-3" CAL.	B&B
SHRUBS					
8	Ig	ILEX GLABRA 'SHAMROCK'	INKBERRY	24"-30" HT.	B&B
11	Ca	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	HUMMINGBIRD SUMMERSWEET	#5 CONT.	CONT.
PERENNIALS					
93	hm	HIBISCUS MOSCHEUTOS 'LUNA PINK SWIRL'	HARDY HIBISCUS	#2 CONT.	CONT.
31	cl	CHASMANTHIUM LATIFOLIUM	NORTHERN SEA OATS	#1 CONT.	CONT.

NOTE: SEE BIORETENTION PLANTING SCHEDULE ON THIS SHEET FOR ADDITIONAL PLANTINGS

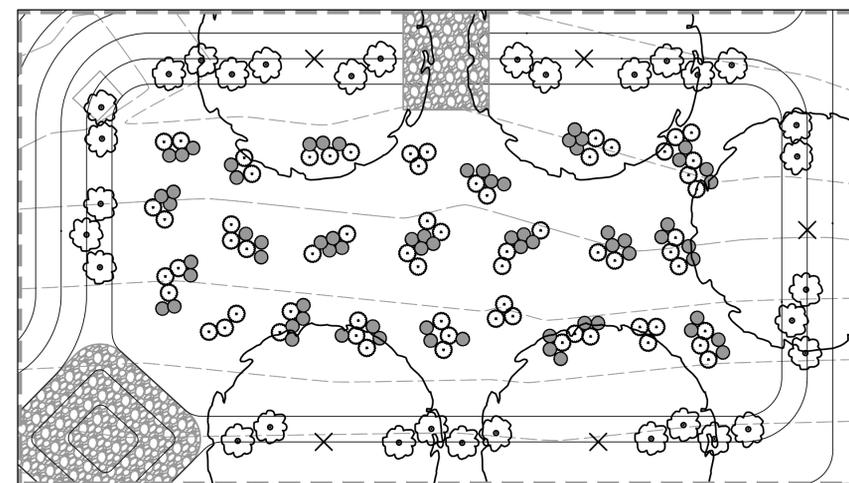
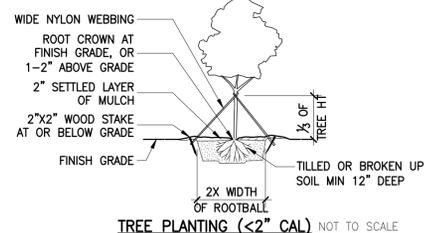
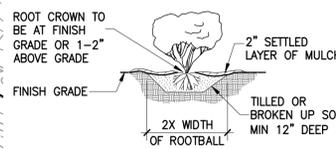
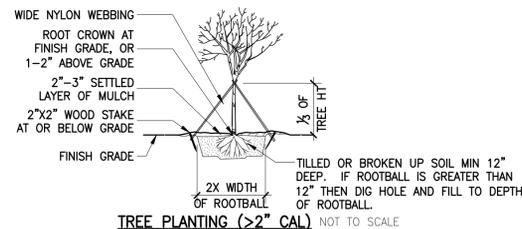
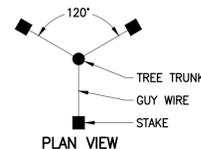
SEED MIX NOTES

1. SEED MIXTURE FOR USE ON LAWN AREAS:
 PROVIDE FRESH, CLEAN, NEW-CROP SEED MIXED IN THE PROPORTIONS SPECIFIED FOR SPECIES AND VARIETY, AND CONFORMING TO FEDERAL AND STATE STANDARDS.
LAWN SEED MIX:

AMOUNT BY WEIGHT	SPECIES/VARIETY	MIN. % PURITY	% GERMINATION
40%	KENTUCKY BLUE GRASS	95%	60%
35%	PERENNIAL RYE	98%	90%
25%	RED FESCUE	97%	85%
100%			

GROUND COVER LEGEND

PROPOSED
 PINELANDS NURSERY - EROSION CONTROL MIX (ZXMXEROSC) (25,192 SF)
 LET IT BEE - A NO MOW (PT 702) (1,250 SF)
 PINELANDS NURSERY - BASIN BOTTOM MIX (ZXMXBASBO) (4,066 SF)
 LAWN SEED MIX (40,916 SF)



2 LANDSCAPING ENLARGEMENT - BIORETENTION

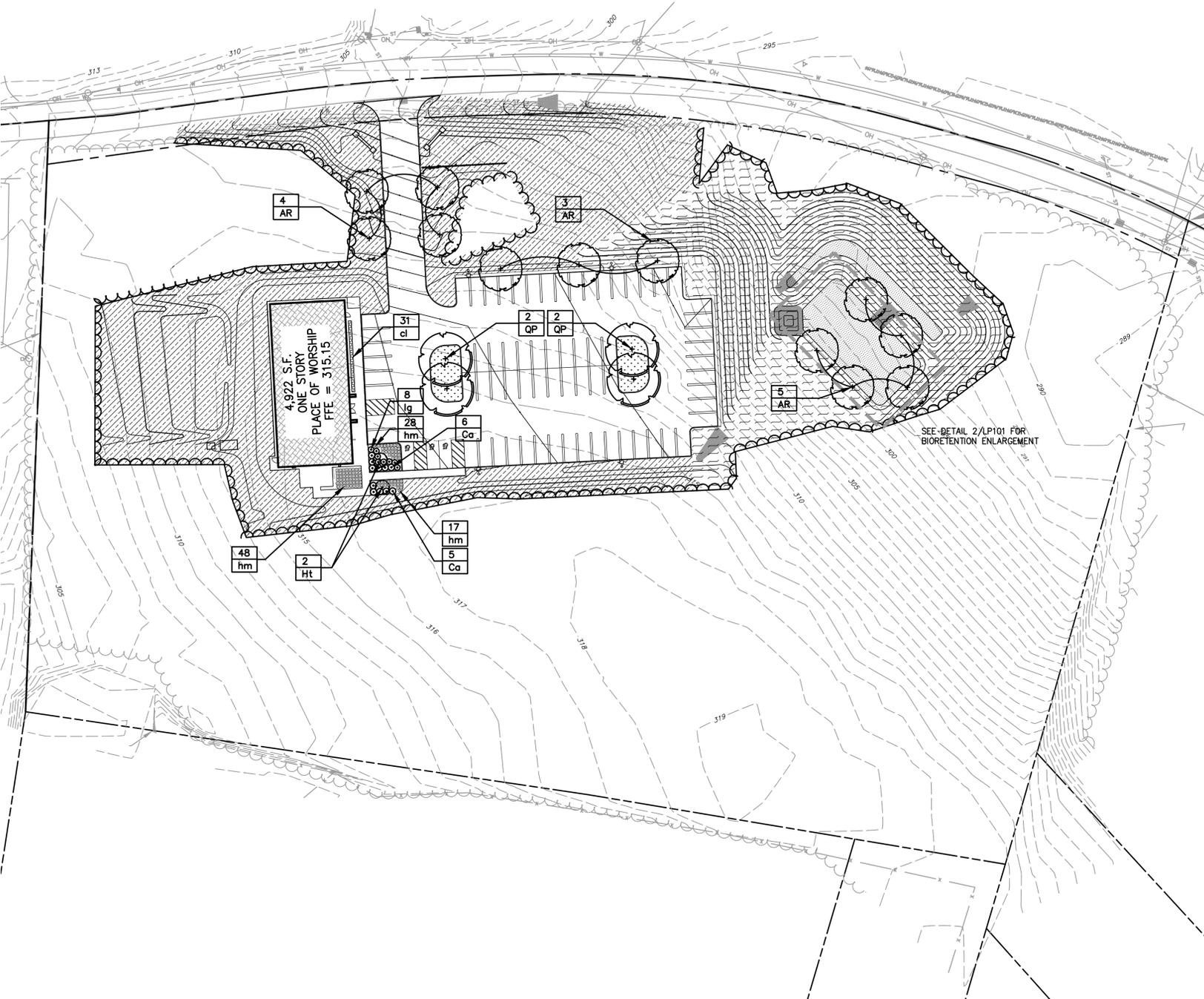
BIORETENTION PLANTING SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	TOTAL QUANTITY	SIZE	ROOT
☼	ILEX VERTICILLATA	WINTER BERRY	32	2 GAL	CONTAINER
●	SYMPHYOTRICHUM NOVAE-ANGLIAE	NEW ENGLAND ASTER	69	3" POT	CONTAINER
○	HIBISCUS MOSCHEUTOS	MARSH HIBISCUS	66	1 GAL	CONTAINER

APPLY PINELANDS NURSERY BASIN BOTTOM MIX TO THE BOTTOM OF THE BIORETENTION AREA

GENERAL LANDSCAPE NOTES

- REFER TO C-001 COVER SHEET FOR GENERAL NOTES REFERENCING SURVEY INFORMATION, DATUMS, GENERAL PROJECT AND CONSTRUCTION INFORMATION.
- NAMES OF PLANTS DESCRIBED ON THIS PLAN CONFORM TO THOSE GIVEN IN "STANDARDIZED PLANT NAMES", 1942 EDITION, PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE. NAMES OF PLANT VARIETIES NOT INCLUDED THEREIN CONFIRM TO NAMES GENERALLY ACCEPTED IN NURSERY TRADE.
- ALL EXPOSED GROUND SURFACES THAT ARE NOT PAVED WITHIN THE LIMIT OF DISTURBANCE LINE AND THAT ARE NOT COVERED BY LANDSCAPE PLANTING OR SEEDING AS SPECIFIED, SHALL BE COVERED BY A NATURAL MULCH THAT WILL PREVENT SOIL EROSION AND THE RELEASE OF DUST.
- NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED.
- STANDARDS FOR TYPE, SPREAD HEIGHT, ROOT BALL AND QUALITY OF NEW PLANT MATERIAL SHALL BE IN ACCORDANCE WITH GUIDELINES AS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK", PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. PLANT MATERIAL SHALL HAVE NORMAL HABIT OF GROWTH AND BE HEALTHY, VIGOROUS, AND FREE FROM DISEASES AND INSECT INFESTATION.
- NEW PLANT MATERIAL SHALL BE NURSERY GROWN UNLESS OTHERWISE SPECIFIED. ALL PLANTS SHALL BE SET PLUMB AND SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE DIGGING. PLANT MATERIAL OF THE SAME SPECIES AND SPECIFIED AS THE SAME SIZE SHOULD BE SIMILAR IN SHAPE, COLOR, HABIT.
- ALL LANDSCAPE AREAS TO BE CLEARED OF ROCKS, STUMPS, TRASH AND OTHER UNSIGHTLY DEBRIS. ALL FINE GRADED AREAS SHOULD BE HAND RAKED SMOOTH ELIMINATING ANY CLUMPS AND UNEVEN SURFACES PRIOR TO PLANTING OR MULCHING.
- ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY OR AS REQUIRED BY SITE AND WEATHER CONDITIONS TO MAINTAIN VIGOROUS AND HEALTHY PLANT GROWTH. CONTRACTOR MAY NEED TO ADJUST QUANTITY AND FREQUENCY OF WATERING TO ENSURE PROPER ESTABLISHMENT.
- NEW PLANT MATERIAL SHALL BE GUARANTEED TO BE ALIVE AND IN VIGOROUS GROWING CONDITION FOR A PERIOD OF ONE YEAR FOLLOWING ACCEPTANCE BY THE OWNER.
- THE BACKFILL MIXTURE AND SOIL MIXES TO BE INSTALLED PER SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING OF SOILS AND MAKE THE NECESSARY ADJUSTMENTS OR AMENDMENTS FOR LONG TERM PLANT HEALTH AND VITALITY.
- FOR ANY DISCREPANCIES BETWEEN THE PLANT SCHEDULE AND THE PLANTING PLAN, THE GRAPHIC QUANTITY SHOWN SHALL GOVERN.
- ALL FENCE OR GUIDE RAIL INSTALLATIONS SHALL BE COMPLETED PRIOR TO STARTING ANY LANDSCAPE PLANTING, LAWN, GRASSES OR IRRIGATION WORK.
- ALL PLANT INSTALLATIONS SHALL BE COMPLETED EITHER BETWEEN APRIL 1 - JUNE 15 OR AUGUST 15 - NOVEMBER 1, UNLESS OTHERWISE DIRECTED BY PROJECT LANDSCAPE ARCHITECT.
- EXISTING TREES WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION AND SPECIFIED TO REMAIN ARE TO BE PROTECTED THROUGHOUT CONSTRUCTION PER LOCAL REGULATORY AGENCY REGULATIONS. DAMAGE MAY BE CAUSED BY OPERATION OF EQUIPMENT, STOCKPILING OF MATERIALS, COMPACTION OF ROOT ZONE, DRIVING OR PARKING WITHIN DRIFLINE OF TREES, OR THE SPILLAGE OF DELETERIOUS CHEMICALS, OILS, DIESEL, ETC. WITHIN THE DRIFLINE OF TREES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL STAKING OF TREES BASED ON SITE CONDITIONS, TO PROVIDE FOR THE STABILITY OF THE TREE AND MATERIALS AND TO PROTECT THE HEALTH AND SAFETY OF THE PUBLIC/PROPERTY.



1 LANDSCAPING PLAN



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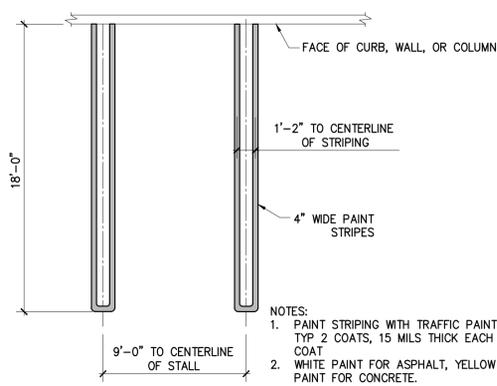
PROJECT TITLE:
NEWBURGH KINGDOM HALL OF JEHOVAH'S WITNESSES
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SHEET TITLE:
LANDSCAPING PLAN

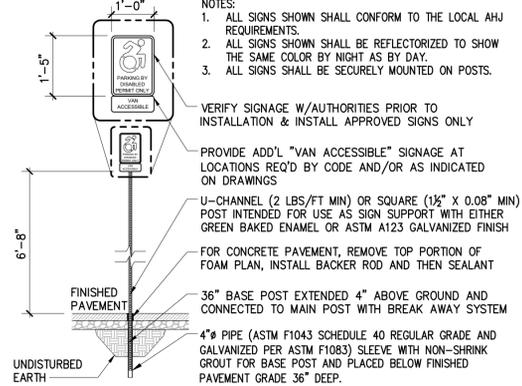
PROJECT No. **37147**

SHEET No. **LP101**

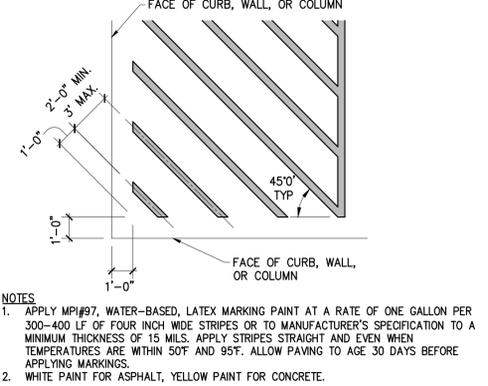
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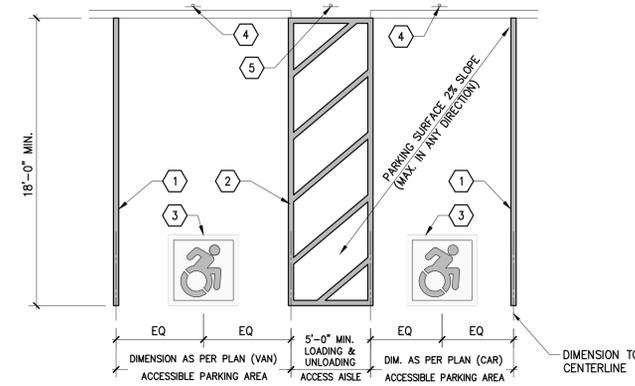
1 DETAIL - PARKING STRIP
3/16"=1'-0"
0' 2'-0" 4'-0" 8'-0"



2 DETAIL - ACCESSIBLE PARKING SIGN
1/4"=1'-0"
0' 2'-0" 4'-0" 8'-0"



3 DETAIL - DIAGONAL STRIPING (TYP)
1/4"=1'-0"
0' 2'-0" 4'-0" 8'-0"

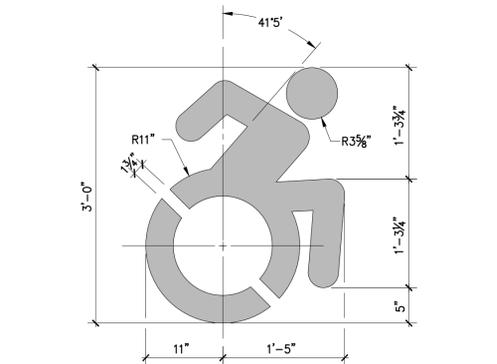


4 DETAIL - ACCESSIBLE PARKING STRIPING
3/16"=1'-0"
0' 2'-0" 4'-0" 8'-0"

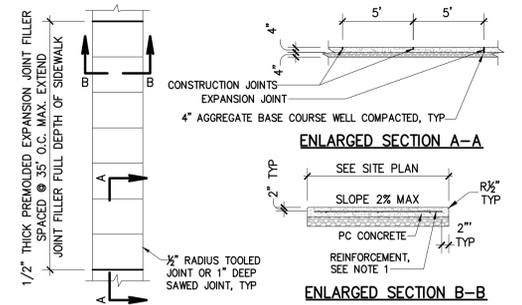
DETAIL KEYNOTES

THIS DETAIL CONTAINS TYPICAL SPECIFICATIONS, CONSULT PLAN FOR ACTUAL LAYOUT OF PAVEMENT MARKING AND SIGNS.

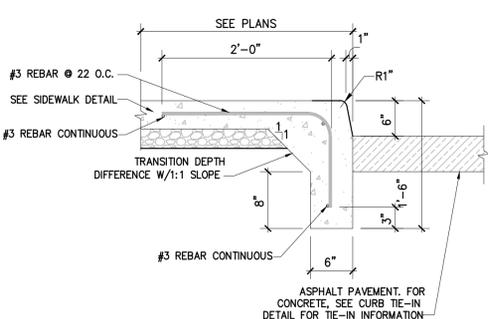
1. PARKING AREA SHALL BE MARKED BY 4" WIDE BORDER. COLOR SHALL BE BLUE. APPLIES TO BOTH SIDES OF ACCESS AISLE AT DOUBLE PARKING STALLS*
2. ACCESS AISLE SHALL BE MARKED BY 4" WIDE BORDER. WITHIN BORDER, HATCHED LINES 36" O.C. MAX. SHALL BE PAINTED BLUE.
3. NYS INTERNATIONAL SYMBOL OF ACCESS PAVEMENT MARKING PAINTED BLUE. SEE DETAIL 5/C-501
4. ACCESSIBLE PARKING SIGN WITH VAN ACCESSIBLE SIGN. SEE SEPARATE DETAIL 2/C-501
5. NO PARKING SIGN. SEE SHEET CS-101.



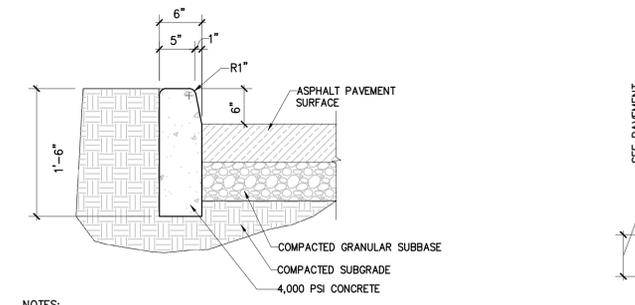
5 DETAIL - NYS INTERNATIONAL SYMBOL OF ACCESSIBILITY
1"=1'-0"
0' 6' 1'-0" 2'-0"



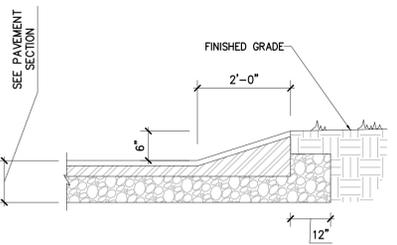
6 DETAIL - CONCRETE SIDEWALK
1"=1'-0"
0' 6' 1'-0" 2'-0"



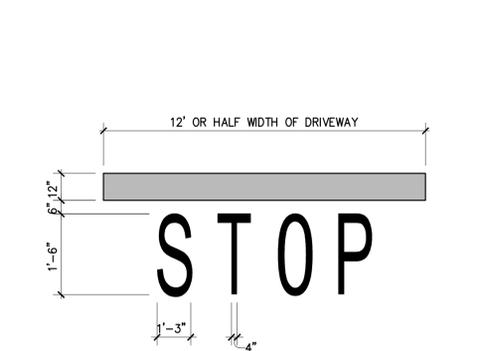
7 DETAIL - SIDEWALK TURNDOWN WITH INTEGRATED CURB
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0' 6' 1'-0" 2'-0"



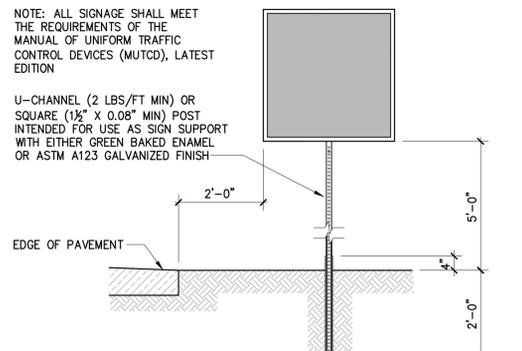
8 DETAIL - VERTICAL CONCRETE CURB
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0' 6' 1'-0" 2'-0"



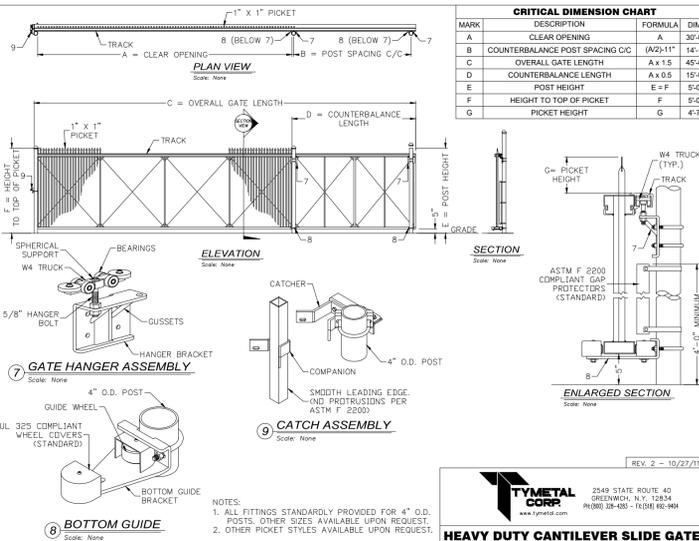
9 DETAIL - 2' ASPHALT WING CURB
1"=1'-0"
0' 6' 1'-0" 2'-0"



10 DETAIL - TRAFFIC LIMIT LINE
3/4"=1'-0"
0' 6' 1'-0" 2'-0"



11 DETAIL - SIGNAGE, TYP
1/2"=1'-0"
0' 1'-0" 2'-0" 4'-0"



12 DETAIL - CANTILEVERED SLIDE GATE
REV. 2 - 10/27/11
TVMETAL CORP. 2549 STATE ROUTE 40 GREENWICH, NY 12524 PH: (800) 28-4000 - TX: (516) 862-9604 www.tvmetal.com

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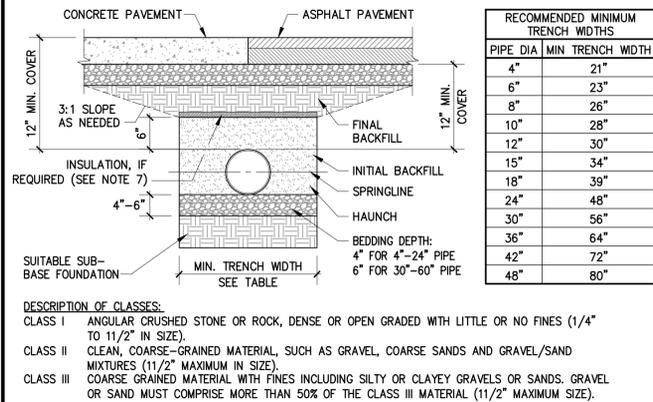
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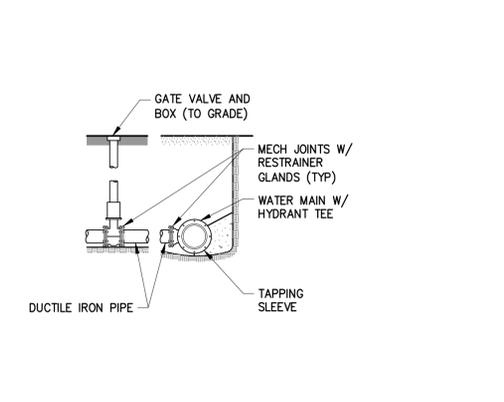
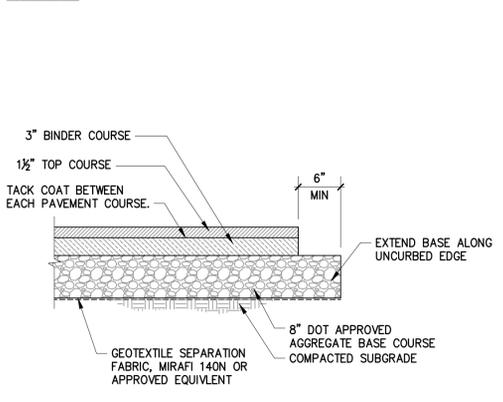
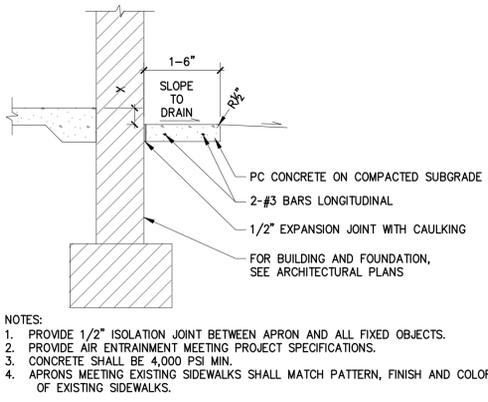
SHEET TITLE:
SITE DETAILS

PROJECT No. **37147**

SHEET No. **C-501**



- NOTES:
- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST EDITION.
 - MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED. SLOPING THE SIDES OF THE TRENCH AT 3:1 SHOULD BE PERFORMED WHEN NECESSARY TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE AS DETERMINED BY THE GEOTECHNICAL ENGINEER, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER.
 - BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" FOR 4"-24"; 6" FOR 30"-60".
 - INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
 - FINAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III UNDER ALL SIDEWALK, PARKING AND PAVED AREAS. PLACE IN LOOSE LIFTS NOT TO EXCEED 8" AND MECHANICALLY COMPACT TO A DENSITY OF AT LEAST 98 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D698.
 - 3" RIGID POLYURETHANE INSULATION SHALL BE INSTALLED IN PIPE TRENCH FOR SANITARY SEWER WITH LESS THAN 4' COVER.

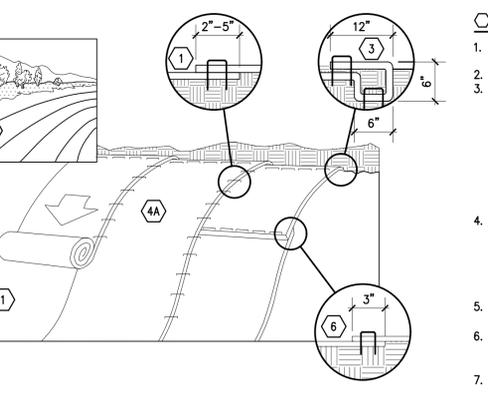
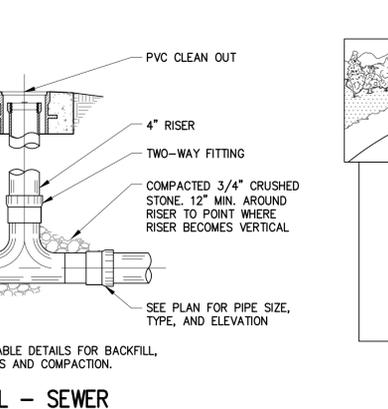
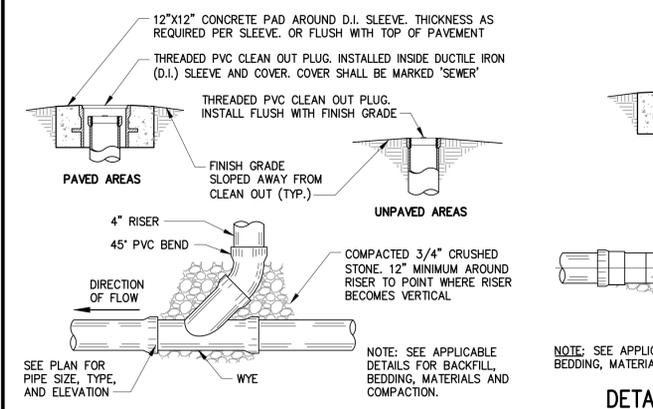


1 DETAIL - SEWER PIPE TRENCH

2 DETAIL - CONCRETE APRON

3 DETAIL - ASPHALT PAVEMENT

4 DETAIL - WATER SERVICE CONNECTION

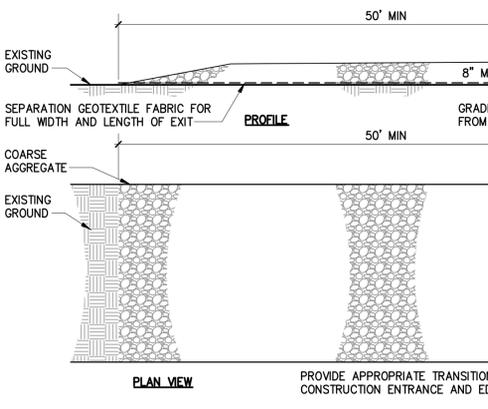
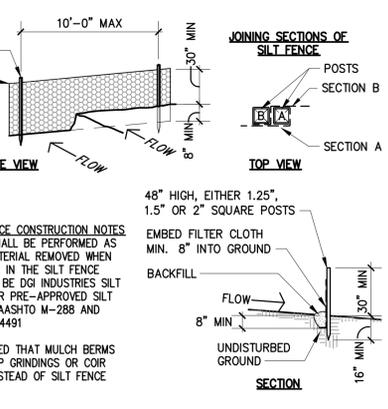
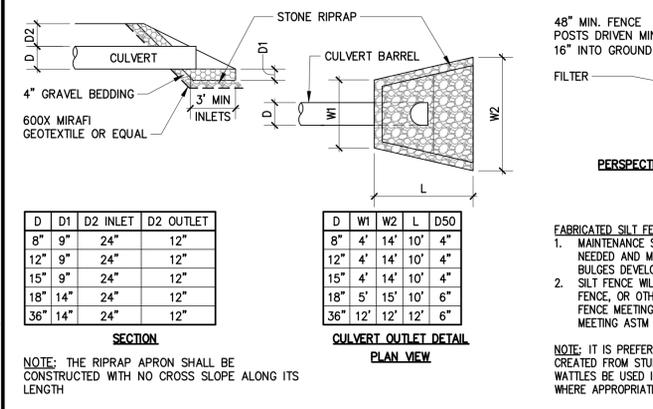


- DETAIL KEYNOTES
- PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S) INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
 - RECP SHALL BE NORTHAMERICAN GREEN S75 OR APPROVED EQUAL.
 - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" DEEP x 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECP'S EXTENDED BEYOND THE UPSLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECP'S.
 - ROLL THE RECP'S (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHALL BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2" - 5" OVERLAP DEPENDING ON THE RECP'S TYPE.
 - CONSECUTIVE RECP'S SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE RECP'S WIDTH.
 - IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTH GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE RECP'S.

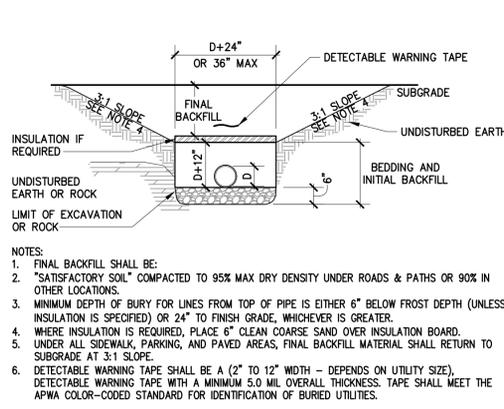
5 DETAIL - SEWER CLEANOUT

6 DETAIL - SEWER CLEANOUT (DUAL DIRECTION)

7 DETAIL - EROSION CONTROL BLANKET



- CONSTRUCTION ENTRANCE/EXIT NOTES:
- LENGTH SHALL BE AS SHOWN ON THE CONSTRUCTION DRAWINGS, BUT NOT LESS THAN 50 FEET.
 - THICKNESS SHALL BE NOT LESS THAN 8 INCHES.
 - WIDTH SHALL BE NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
 - STABILIZATION FOR OTHER AREAS SHALL HAVE THE SAME AGGREGATE THICKNESS AND WIDTH REQUIREMENTS AS THE STABILIZED CONSTRUCTION EXIT, UNLESS OTHERWISE SHOWN ON THE CONSTRUCTION DRAWINGS.
 - STABILIZED AREA MAY BE WIDENED OR LENGTHENED TO ACCOMMODATE A TRUCK WASHING AREA. AN OUTLET SEDIMENT TRAP MUST BE PROVIDED FOR THE TRUCK WASHING AREA.
 - STABILIZED CONSTRUCTION EXIT SHALL BE MAINTAINED FREE OF SEDIMENT FOR THE DURATION OF THE PROJECT. CONTRACTOR SHALL COORDINATE LOCATION WITH AGENCIES.
 - STONE SIZE - AASHTO DESIGNATION M43, SIZE NO. 1 (3/8" TO 1 1/2"). USE CRUSHED STONE.
 - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND /OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.

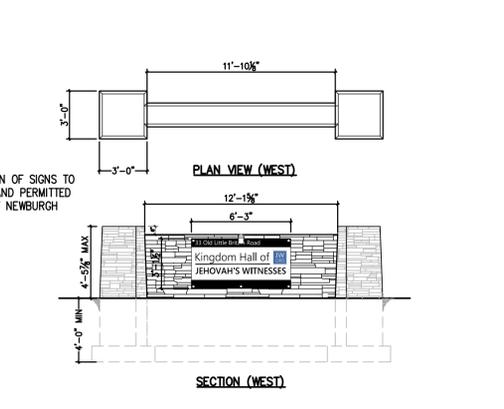
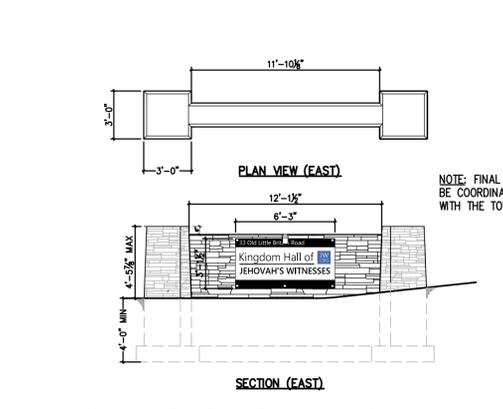


8 DETAIL - RIPRAP APRON

9 DETAIL - SILT FENCE

10 DETAIL - STABILIZED CONSTRUCTION ENTRANCE

11 DETAIL - PRESSURIZED PIPE TRENCH



12 DETAIL - ENTRANCE WALL AND MONUMENT SIGN

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GPI Engineering Design Planning Construction Inspection
518.483.9433 GPNET.COM
Greenman-Pedersen, Inc.
80 Wolf Road, Suite 300
Albany, NY 12205

STATE OF NEW YORK
GREENMAN PEDERSEN INC.
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No. 121

CONSULTANT:

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DATE	DESCRIPTION
31 MAY 23	SUBMISSION TO TOWN
28 APR 23	SUBMISSION TO TOWN
15 FEB 23	SUBMISSION TO TOWN
11 NOV 22	SUBMISSION TO TOWN
20 OCT 22	GPI CONCEPT FOR REVIEW
16 SEP 22	CONCEPT FOR REVIEW

OWNER:
JW CONGREGATION SUPPORT, INC.
1005 RED MILLS ROAD
WALLKILL, NY 12589-3283

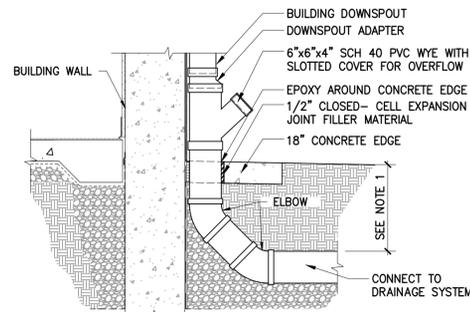
PROJECT TITLE:
**NEWBURGH KINGDOM HALL OF JEHOVAH'S WITNESSES
33 OLD LITTLE BRITAIN RD
NEWBURGH, NY 12550**

SHEET TITLE:
SITE DETAILS

PROJECT No. **37147**

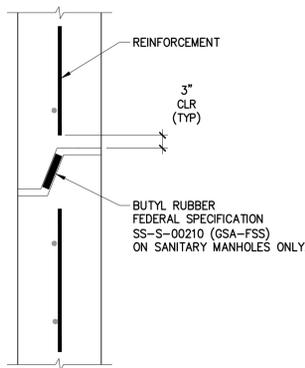
SHEET No. **C-502**

PLOT DATE: 31 May 23 PLOTTED BY: Andy LaPort V
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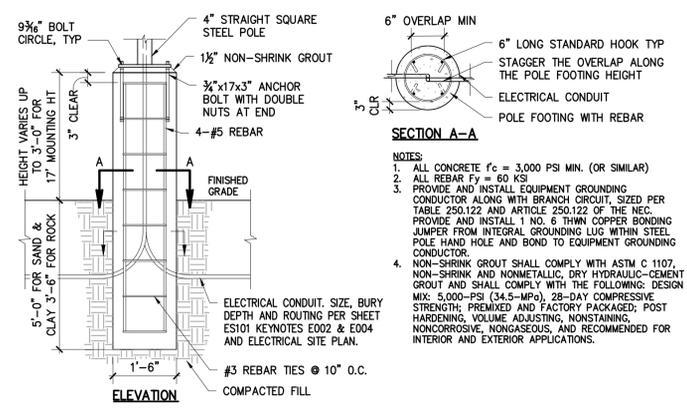


NOTE: SEE SHEET C-502 FOR TRENCH DETAILS AND PIPE COVER REQUIREMENTS

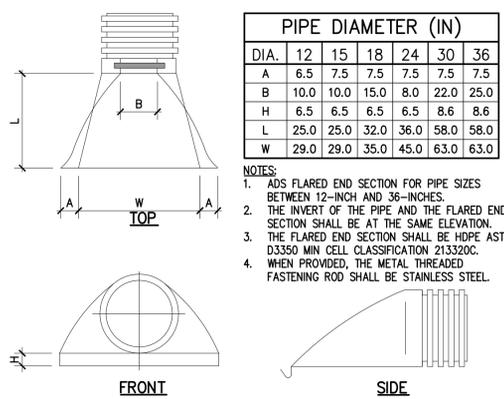
2 DETAIL - DOWNSPOUT GUTTER TO DRAINAGE SYSTEM



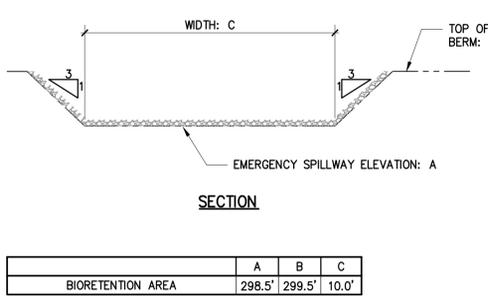
3 DETAIL - MANHOLE JOINT



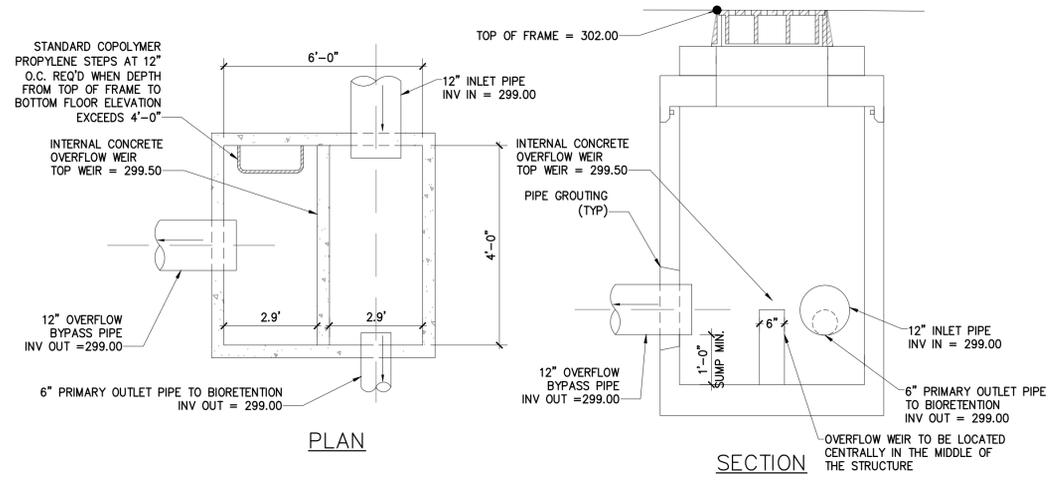
4 DETAIL - LIGHT POLE



5 DETAIL - FLARED END SECTION

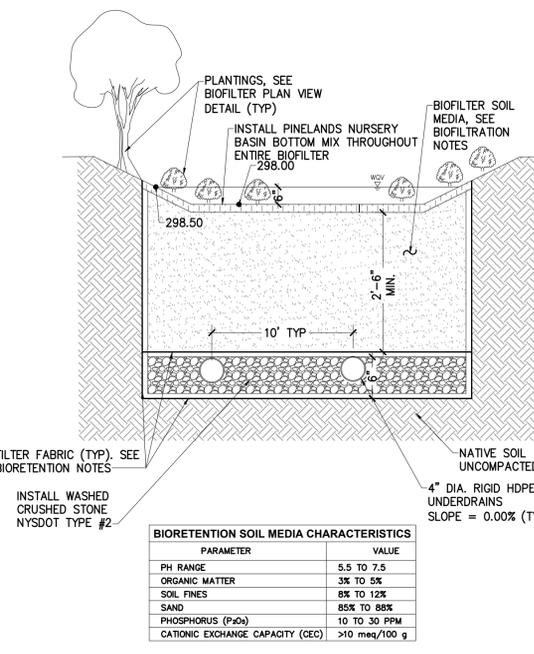


6 DETAIL - EMERGENCY SPILLWAY



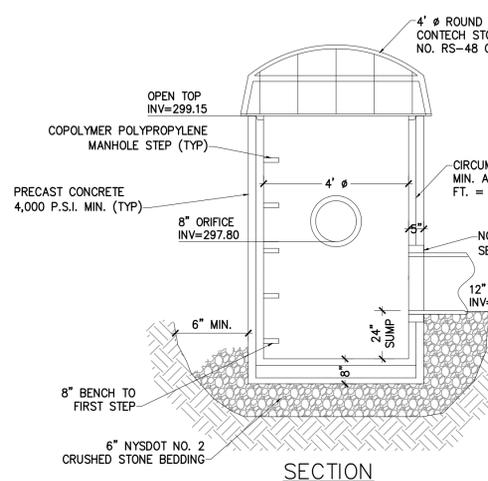
7 DETAIL - FLOW SPLITTER MANHOLE

1 RESERVED

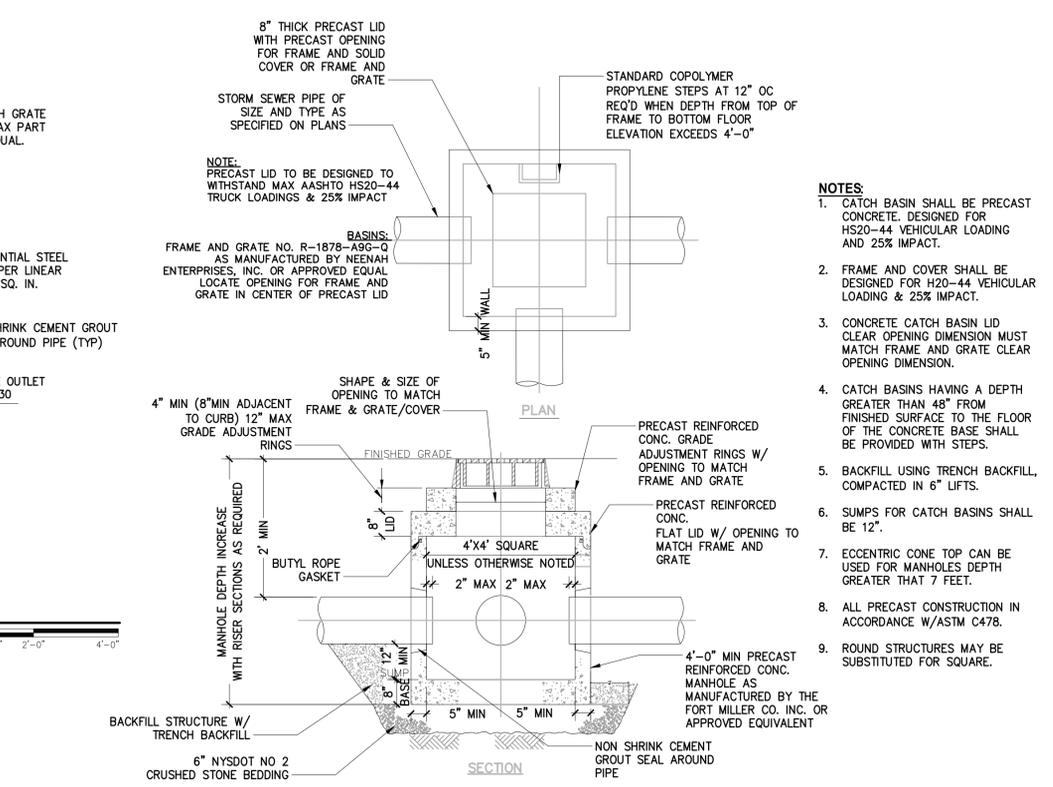


8 DETAIL - BIORETENTION TYPICAL SECTION

- BIORETENTION NOTES:**
- THE BIORETENTION AREAS MAY NOT RECEIVE RUN-OFF UNTIL THE ENTIRE CONTRIBUTING DRAINAGE AREA TO THE BIORETENTION AREA HAS RECEIVED FINAL STABILIZATION. PROVIDE TEMPORARY BYPASS FOR STORMWATER RUNOFF.
 - THE SOIL SHOULD BE FREE OF STONES, STUMPS, ROOTS, OR OTHER WOODY MATERIAL OVER 1" IN DIAMETER, BRUSH OR SEEDS FROM NOXIOUS WEEDS. PLACEMENT OF THE SOIL MEDIA SHOULD BE IN LIFTS OF 12" TO 18", LOOSELY COMPACTED BY TAMPING LIGHTLY WITH A DOZER OR BACKHOE BUCKET. SEE TABLE BELOW FOR PLANTING SOIL CHARACTERISTICS.
 - THE NON-WOVEN FILTER FABRIC SHALL BE MIRAFI 180-N, AMOCO 4552, WEBTEC N70, GEOLON N70, CARTHAGE FX-80S OR APPROVED EQUIVALENT. WHEN OVERLAPS ARE REQUIRED BETWEEN ROLLS, THE UPHILL ROLL SHOULD OVERLAP A MINIMUM 2' OVER THE DOWNHILL ROLL IN ORDER TO PROVIDE A SHINGLE EFFECT.
 - THE MULCH LAYER SHALL BE STANDARD LANDSCAPE STYLE, SINGLE OR DOUBLE, SHREDDED HARDWOOD MULCH OR CHIPS. THE MULCH LAYER SHALL BE WELL AGED (STOCKPILED OR STORED FOR AT LEAST 12 MONTHS), UNIFORM IN COLOR, AND FREE OF OTHER MATERIALS, SUCH AS WEED SEEDS, ROOTS, ETC. THE MULCH SHALL BE APPLIED TO A MAXIMUM DEPTH OF THREE INCHES. GRASS CLIPPINGS SHALL NOT BE USED AS A MULCH MATERIAL.
 - THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR SOIL MEDIA SHOWING THE USDA SOIL CLASSIFICATION AND GRADATION, FILTER FABRIC, MULCH AND DRAINAGE STONE.
 - A PERCOLATION TEST WITNESSED BY THE ENGINEER SHALL BE COMPLETED UPON FINAL CONSTRUCTION OF THE BIORETENTION PRACTICE TO CONFIRM PERFORMANCE.
 - ALL BIORETENTION PLANTINGS AND MATERIALS INSTALLED SHALL HAVE A SPECIAL WARRANTY FOR A PERIOD OF ONE YEAR AFTER DATE OF SUBSTANTIAL COMPLETION, AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR DEFECTS RESULTING FROM INCIDENTS THAT ARE BEYOND THE CONTRACTOR'S CONTROL. NOTE THAT ANY PLANTINGS OR MATERIALS INSTALLED AFTER THE DATE OF SUBSTANTIAL COMPLETION SHALL BE NOTED AND THEIR RESPECTIVE ONE YEAR WARRANTIES SHALL COMMENCE TO RUN ON THE DAY OF THEIR INSTALLATION.



9 DETAIL - OUTLET CONTROL STRUCTURE



10 DETAIL - PRECAST CONCRETE BASIN

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 Albany, NY 12205

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 No. 131

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	31 MAY 23	SUBMISSION TO TOWN
	28 APR 23	SUBMISSION TO TOWN
	15 FEB 23	SUBMISSION TO TOWN
	11 NOV 22	SUBMISSION TO TOWN
	20 OCT 22	GPI CONCEPT FOR REVIEW
	16 SEP 22	CONCEPT FOR REVIEW

OWNER:

JW CONGREGATION SUPPORT, INC.
 1005 RED MILLS ROAD
 WALLKILL, NY 12589-3263

PROJECT TITLE:

NEUBURGH KINGDOM HALL OF JEHOVAH'S WITNESSES
 33 OLD LITTLE BRITAIN RD
 NEUBURGH, NY 12550

SHEET TITLE:

SITE DETAILS

PROJECT No. **37147**

SHEET No. **C-503**

PLOT DATE: 31 May 23 PLOTTED BY: Andy LoPort V
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STANDARD NOTES FOR NON-RESIDENTIAL SEWAGE:

THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:

"NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEM", NYSDEC

"APPENDIX 75-A, WASTE TREATMENT-INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE."

RECOMMENDED STANDARDS FOR SEWAGE TREATMENT WORKS, (TEN STATES)."

"RECOMMENDED STANDARDS FOR WATER WORKS, (TEN STATES)."

"NEW YORK STATE DEPARTMENT OF HEALTH AND ORANGE COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION POLICIES, PROCEDURES AND STANDARDS."

"ORANGE COUNTY AND NEW YORK STATE SANITARY CODES."

THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL .

UPON COMPLETION OF THE FACILITIES, THE FINISHED WORKS SHALL BE INSPECTED, TESTED, AND CERTIFIED COMPLETE TO THE NYSDEC BY THE NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SUPERVISING CONSTRUCTION. NO PART OF THE FACILITIES SHALL BE PLACED INTO SERVICE UNTIL ACCEPTED BY THE AUTHORITY HAVING JURISDICTION.

IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE DESIGN PROFESSIONAL THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AT A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THE DESIGN PROFESSIONAL SHALL CERTIFY TO THE DC EHS THAT THE TANK IS SEALED, WATERTIGHT, AND ACCEPTABLE FOR USE. THE TANK MUST ALSO MEET ANY LOCAL TESTING REQUIREMENTS, INCLUDING POSSIBLE ELECTRICAL AND SAFETY STANDARDS.

APPROVAL OF ANY PLAN(S) OR AMENDMENT THERETO SHALL BE VALID FOR A PERIOD OF FIVE (5) YEARS FROM THE DATE OF APPROVAL. FOLLOWING THE EXPIRATION OF SAID APPROVAL, THE PLAN(S) SHALL BE RE-SUBMITTED TO THE COMMISSIONER OF HEALTH FOR CONSIDERATION FOR RE-APPROVAL. RE-SUBMISSION OR REVISED SUBMISSION OF PLANS AND/OR ASSOCIATED DOCUMENTS SHALL BE SUBJECT TO COMPLIANCE WITH THE TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES IN EFFECT AT THE TIME OF THE RE-SUBMISSION.

ALL ONSITE WASTEWATER TREATMENT SYSTEM EXISTING OR APPROVED WITHIN 300 FEET OF THE PROPOSED ONSITE WASTEWATER TREATMENT SYSTEM ARE SHOWN ON THIS PLAN, ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE ONSITE WASTEWATER TREATMENT SYSTEM.

ALL BUILDINGS SHALL BE CONSTRUCTED AT AN ELEVATION HIGH ENOUGH TO ENSURE GRAVITY FLOW TO THE ONSITE WATER TREATMENT SYSTEM.

NO CELLAR, FOOTING, FLOOR, GARAGE, COOLER OR ROOF DRAINS AND NO SOFTENER BACKWASH SHALL BE DISCHARGED INTO THE ONSITE WASTEWATER TREATMENT SYSTEM.

THERE SHALL BE NO VEHICULAR TRAFFIC OVER THE SEWAGE DISPOSAL SYSTEM. PRIOR TO CONSTRUCTION, THE AREA OF THE SYSTEM SHALL BE STAKED OUT AND FENCED OFF.

SEWAGE DISPOSAL SYSTEMS SHALL NOT BE INSTALLED IN WET OR FROZEN SOIL.

ALL REQUIRED EROSION & SEDIMENT CONTROL AND STORM WATER POLLUTION PREVENTION WATER QUALITY & QUANTITY CONTROL STRUCTURES, PERMANENT AND TEMPORARY, ARE SHOWN ON THE PLANS.

THE NYSDEC SHALL BE NOTIFIED PRIOR TO THE BACKFILLING OF ANY COMPLETED SDS SO THAT A FINAL INSPECTION MAY BE PERFORMED.

ALL PROPOSED SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.

NO BUILDINGS SHALL BE OCCUPIED AND THE NEW WATER SYSTEM SHALL NOT BE PLACED INTO SERVICE, UNTIL A "COMPLETED WORKS APPROVAL" IS ISSUED UNDER SECTION 5-1.22(d) OF PART 5 OF THE NEW YORK STATE SANITARY CODE (10NYCRR5)

MATERIALS NOTES:

- ENVELOPE MATERIAL
 - WASHED GRAVEL OR CRUSHED STONE CONSISTING OF DURABLE MATERIAL 3/4 TO 1-1/2 INCHES IN DIA.
- PIPE MATERIALS
 - DISTRIBUTION BOX TO ABSORPTION FIELD: 4 INCH DIA. SOLID P.V.C. SDR35 PIPE WITH GASKETED JOINTS (IN ACCORDANCE WITH ASTM SPEC. 2665) LAID AT A MINIMUM SLOPE OF 1/16 INCH PER 1 FOOT.
 - ABSORPTION FIELDS: PVC PERFORATED - TIGHT JOINT FITTINGS, INSIDE DIAMETER OF 4 INCHES INSTALLED LEVEL.
- DISTRIBUTION BOX
 - CONCRETE FORT MILLER NO. 2 OR EQUAL WITH LIQUID LEVELERS. (SIZE PER PLAN & DETAILS)
- ACCESS EXTENSION
 - 2'-0" I.D. X 4" HIGH, CONCRETE WITH STANDARD LID, FORT MILLER OR EQUAL.
- ENVELOPE COVER
 - UNTREATED BUILDING PAPER (TARPAPER, POLYETHYLENE, ETC. ARE NOT ACCEPTABLE.)

SDS NOTES:

- THERE SHALL BE NO CHANGES ON THIS PLAN IN ADVANCE OF, OR DURING CONSTRUCTION, WITHOUT PRIOR APPROVAL OF THE DESIGN ENGINEER, AND THE NYSDEC.
- THERE SHALL BE NO FURTHER SUBDIVISION OF ANY PARCEL SHOWN ON THIS PLAN WITHOUT PRIOR APPROVAL. THIS MAY WARRANT THE SUBMISSION OF ENGINEERING PLANS AND DOCUMENTS.
- DESIGN, CONSTRUCTION, MATERIAL STANDARDS AND INSPECTION REQUIREMENTS SHALL COMPLY WITH THE LATEST EDITION (S) OF: NEW YORK STATE HEALTH DEPARTMENT PUBLICATION(S). (A) RURAL WATER SUPPLY (B) NYCR PART 75A WASTE TREATMENT INDIVIDUAL HOUSEHOLD SYSTEMS.
- NO EXISTING OR APPROVED PROPOSED, WATER SUPPLY AND/OR SEWERAGE FACILITIES OTHER SIGNIFICANT PHYSICAL FEATURES ARE LOCATED WITHIN 200 FEET OF THE PROJECTS LIMITS, EXCEPT AS SHOWN.
- NO VEHICULAR PARKING OR TRAFFIC SHALL BE ALLOWED ON ANY PORTIONS OF THE SEWERAGE SYSTEM.
- INSPECTION OF THE SEWAGE DISPOSAL SYSTEM COMPONENTS SHALL BE CONDUCTED BY THE DESIGN ENGINEER. A) PRIOR TO SITE DEVELOPMENT. B) AFTER PRELIMINARY GRADING C) AFTER PLACEMENT OF FILL MATERIAL BY CONDUCTING A PERCOLATION TEST AND OBSERVING FILL MATERIAL IN PLACE AND GRADED. D) PRIOR TO BACKFILL OF PIPING, TANKS, WELLS, SEALS, ETC. E) AFTER FINAL GRADING.
- LATERALS SHALL BE ORIENTED ON CONTOURS SUCH THAT THE INVERT ELEVATIONS MATCH EXISTING GRADE ELEVATIONS AS MUCH AS POSSIBLE.
- CONTRACTOR SHALL VERIFY GRADES SHOWN DURING PRELIMINARY CONSTRUCTION STAKEOUT.
- PRIOR TO EXCAVATING, CALL DIG SAFELY NEW YORK AT 1-800-962-7962.
- PIPE LINES INTO THE SEPTIC TANK AND DISTRIBUTION BOX SHALL BE GROUTED ON THE INTERIOR AND EXTERIOR OF THE STRUCTURE.

TESTING GRAVITY SEWER SYSTEM:

- CONTRACTOR SHALL INSPECT AND TEST THE INSTALLATIONS AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION WHEN WORK IS READY FOR TESTING. AFTER ALL TESTS HAVE BEEN PERFORMED, EVIDENCE OF COMPLIANCE SHALL BE FORWARDED TO OWNER/ENGINEER AND THE AUTHORITY HAVING JURISDICTION PRIOR TO ACCEPTANCE.
- IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE NYSDEC FIELD INSPECTOR AND/OR DESIGN PROFESSIONAL THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE AT A MINIMUM, FILLING THE TANK WITH WATER TO OBSERVE IF IN FACT IT IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THE TANK MUST MEET ANY LOCAL TESTING REQUIREMENTS, INCLUDING POSSIBLE ELECTRICAL SAFETY STANDARDS.
- THE CONTRACTOR SHALL TEST AND INSPECT FOR ALIGNMENT AND INFILTRATION AND EXFILTRATION OF ALL SANITARY SEWERS AND RELATED UTILITY STRUCTURES. INFILTRATION OR EXFILTRATION OF THE SANITARY SEWER SYSTEM SHALL NOT EXCEED 0.80 GAL/INCH OF INTERNAL PIPE DIAMETER PER 1000' OF PIPELINE PER HOUR WITH A MINIMUM HYDROSTATIC HEAD AT THE TOP OF THE PIPE OF 2 FT, OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION. WHEN INFILTRATION OR EXFILTRATION OCCURS IN EXCESS OF ALLOWABLE AMOUNT, DEFECTS SHALL BE LOCATED AND REPAIRED.
- INFILTRATION LEAKAGE TESTS SHALL BE RUN ON EACH SINGLE MANHOLE-TO-MANHOLE SECTION, OR REACH, INDEPENDENTLY OF ALL OTHER MANHOLE-TO-MANHOLE SECTIONS. A PIPELINE SECTION UNDER TEST SHALL INCLUDE ALL PIPE AND FITTINGS BETWEEN THE TWO MANHOLES PLUS THE UPSTREAM MANHOLE.
- EACH MANHOLE-TO-MANHOLE SECTION SHALL BE REJECTED OR ACCEPTED BASED ONLY ON RESULTS OF ITS OWN INDEPENDENT SECTION TEST AND NOT ON RESULTS OF ANY ONE TEST RUN SIMULTANEOUSLY OVER MORE THAN ONE CONSECUTIVE MANHOLE-TO-MANHOLE SECTION. THE ONLY EXCEPTION ALLOWED: ACCEPTING SEVERAL CONSECUTIVE MANHOLE-TO-MANHOLE SECTIONS BASED ON ONE COMBINED INFILTRATION TEST INDICATING ZERO INFILTRATION.
- INFILTRATION TESTS SHALL BE MADE BY INSTALLING A FLOW MEASURING DEVICE IN THE DOWNSTREAM MANHOLE OF SECTION BEING TESTED. TEST DURATION SHALL BE 24 HRS, OR FOR SHORTER PERIOD, PROVIDED A STEADY STATE FLOW CONDITION HAS BEEN ACHIEVED IN THE TEST PERIOD, AND RESULTS PROJECTED TO A 24 HR PERIOD.
- EXFILTRATION TESTS SHALL BE RUN ON EACH SINGLE MANHOLE-TO-MANHOLE SECTION, OR REACH, INDEPENDENTLY OF ALL OTHER MANHOLE-TO-MANHOLE SECTIONS. A PIPELINE SECTION UNDER TEST SHALL INCLUDE ALL PIPE AND FITTINGS BETWEEN THE TWO MAN-HOLES PLUS THE UPSTREAM MANHOLE.
- EXFILTRATION TESTS SHALL BE MADE BY MEASURING THE DROP IN WATER ELEVATION IN THE UPSTREAM MANHOLE 24 HRS AFTER INITIAL WATER LEVEL IS RECORDED. INITIAL WATER LEVEL IN UPSTREAM MANHOLE SHALL BE 2 FEET HIGHER THAN EITHER THE TOP OF PIPE OR GROUNDWATER ELEVATION AT THE DOWNSTREAM MANHOLE. ANY MANHOLE-TO-MANHOLE SECTION UNDERGOING AN EXFILTRATION TEST MUST HAVE THE NEXT ADJACENT SECTIONS, BOTH UPSTREAM AND DOWNSTREAM, DRY AND NOT UNDER TEST. THIS PROCEDURE MINIMIZES HYDROSTATIC PRESSURE PLACED ON STOPPERS, PLUGS, AND END CAPS.
- LOW PRESSURE AIR TESTING MAY BE ALLOWED IN LIEU OF EXFILTRATION TESTS ONLY, WHEN SO ALLOWED, TEST SHALL BE PERFORMED UNDER DIRECTION OF ENGINEER ACCORDING TO ASTM F1417. LOW PRESSURE AIR TEST IS A COMPARISON OF THE MEASURED TIME NECESSARY FOR ONE (1) PSIG PRESSURE DROP TO OCCUR, IF AT ALL, WITH MINIMUM ALLOWABLE TIME FOR THAT PRESSURE DROP TO OCCUR DETERMINED BY METHODS INDICATED IN ASTM F1417. IF THE ONE (1) PSIG PRESSURE DROP OCCURS FASTER THAN ALLOWABLE TIME, SECTION IS UNACCEPTABLE.
- AN AIR TEST SHALL NOT BE RUN UNTIL SECTION OF LINE TO BE TESTED HAS BEEN CLEANED OF ALL FOREIGN MATERIAL BY FLUSHING AND HAS BEEN VISUALLY INSPECTED AND APPROVED BY THE ENGINEER. CERTAIN PIPE MATERIALS PRODUCE MORE CONSISTENT RESULTS WHEN INTERIOR OF PIPE IS WETTED PRIOR TO TESTING.
- WHERE AIR-TESTING IS TO BE USED FOR LINE ACCEPTANCE, CORROBORATIVE HYDROSTATIC TESTING SHALL BE PERFORMED ON SEWER INSTALLATION OF THE SAME PIPE SIZE, MATERIAL AND CONDITIONS OF INSTALLATION. SEWER SECTIONS WHICH INDICATE RATES OF AIR LOSS PER UNIT OF SURFACE AREA WHICH MOST NEARLY APPROXIMATE RATE FOR PIPELINE ACCEPTANCE SHOULD BE SELECTED FOR CORROBORATIVE TESTS. AT LEAST 3 SECTIONS ARE TO BE SO TESTED. THE PURPOSE OF THESE CORROBORATIVE TESTS IS TO PERMIT A REASONABLE ASSUMPTION THAT, IF THESE 3 TEST SECTIONS MEET THE HYDROSTATIC TEST, THE BALANCE OF PROJECT ALSO MEETS OR EXCEEDS THESE REQUIREMENTS. IF AIR TEST IS NOT SUPPORTED BY ACCEPTABLE CORROBORATIVE HYDROSTATIC TESTS, COMPLETE HYDRO-STATIC TESTING OF SEWER LINES SHALL BE REQUIRED.
- WHERE FLEXIBLE PIPE IS USED, CONTRACTOR SHALL TEST ALL MAINLINE PIPE FOR MAXIMUM ALLOWABLE DEFLECTION OF 5% OF OUTSIDE DIAMETER. DEFLECTION TESTS SHALL BE PERFORMED USING A CIRCULAR STEEL BALL ON SLED 1/16-INCH IN DIAMETER SMALLER THAN ALLOWABLE INSIDE DIAMETER OF FLEXIBLE PIPE WHEN DEFLECTED A MAXIMUM OF 5% OF OUTSIDE DIAMETER. DEFLECTION TESTING OF ANY PIPE SHALL BE DONE NO SOONER THAN 30 DAYS AFTER DATE OF INSTALLATION OF PIPE SECTION UNLESS WRITTEN EXCEPTION.
- SEWERS SHALL BE LAID WITH STRAIGHT ALIGNMENT BETWEEN MANHOLES. STRAIGHT ALIGNMENT SHALL BE CHECKED EITHER USING A LASER BEAM OR LAMPING. TESTING SHALL COMPLY WITH REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- MANHOLES, WHICH CANNOT BE PROPERLY AIR TESTED, SHOULD BE VISUALLY INSPECTED AND LEAKAGE-TESTED USING INTERNAL OR EXTERNAL HYDROSTATIC PRESSURE. LEAKAGE TESTING SHALL COMPLY WITH REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- IN AREAS WHERE CONVENTIONAL TESTING IS IMPRACTICAL (I.E. AREAS DESIGNATED BY ENGINEER WHERE EXISTING SERVICES ARE TIED INTO NEW LINE IMMEDIATELY AND ANY BLOCKAGE COULD RESULT IN HEALTH PROBLEMS) NO LINES SHALL BE BACKFILLED UNTIL EACH PIPE SECTION AND CONNECTION IS INSPECTED AND APPROVED.
- WHERE SEWERS ARE CONSTRUCTED OF PRESSURE-RATED PIPE AND INSTALLED WITH LESS THAN 18 INCHES VERTICAL SEPARATION FROM EXISTING OR PROPOSED WATER MAINS, SEWERS SHALL BE HYDROSTATICALLY TESTED AT 150 PSI TO ASSURE WATER TIGHTNESS. HYDROSTATIC ACCEPTANCE TESTS SHALL BE CONDUCTED AS SPECIFIED FOR TESTING WATER MAINS, EXCEPT THAT TESTING MAY BE PERFORMED WITH THE PIPE SECTION PARTIALLY BACK-FILLED.
- IF THE ALLOWABLE RATE OF INFILTRATION, EXFILTRATION, OR AIR LEAKAGE IS EXCEEDED, THE CONTRACTOR SHALL LOCATE POINTS OF EXCESSIVE LEAKAGE AND SHALL PROMPTLY CORRECT, REPAIR, AND BRING SYSTEM UP TO THE STANDARD. COSTS OF ALL SUCH REPAIRS AND CORRECTIVE MEASURES, INCLUDING COSTS OF REPEATED TESTS, SHALL BE BORN BY CONTRACTOR. THE SEWER LINE SECTION (INCLUDING MANHOLES AND BUILDING SERVICES) UNDER TEST SHALL NOT BE ACCEPTED UNTIL THESE TEST CRITERIA ARE MET.

TOWN OF NEWBURGH WATER SYSTEM NOTES:

- CONSTRUCTION OF POTABLE WATER UTILITIES AND CONNECTION TO THE TOWN OF NEWBURGH WATER SYSTEM REQUIRES A PERMIT FROM THE TOWN OF NEWBURGH WATER DEPARTMENT. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE NYSDOH AND THE TOWN OF NEWBURGH.
- ALL WATER SERVICE LINES FOUR (4) INCHES AND LARGER IN DIAMETER SHALL BE CEMENT LINED CLASS 52 DUCTILE IRON PIPE CONFORMING TO ANSI\AWWA C151\A21.51 FOR DUCTILE IRON PIPE, LATEST REVISION. JOINTS SHALL BE EITHER PUSH-ON OR MECHANICAL JOINT AS REQUIRED.
- THRUST RESTRAINT OF THE PIPE SHALL BE THROUGH THE USE OF JOINT RESTRAINT. THRUST BLOCKS ARE NOT ACCEPTABLE. JOINT RESTRAINT SHALL BE THROUGH THE USE OF MECHANICAL JOINT PIPE WITH RETAINER GLANDS. ALL FITTINGS AND VALVES SHALL ALSO BE INSTALLED WITH RETAINER GLANDS FOR JOINT RESTRAINT. RETAINER GLANDS SHALL BE EBBA IRON GEGALUG SERIES 1100 OR APPROVED EQUAL. THE USE OF A MANUFACTURED RESTRAINED JOINT PIPE IS ACCEPTABLE WITH PRIOR APPROVAL OF THE WATER DEPARTMENT.
- ALL FITTINGS SHALL BE CAST IRON OR DUCTILE IRON, MECHANICAL JOINT, CLASS 250 AND CONFORM TO ANSI\AWWA C110\A21.10 FOR DUCTILE AND GRAY IRON FITTINGS OR ANSI\AWWA C153\A21.53 FOR DUCTILE IRON COMPACT FITTINGS, LATEST REVISION.
- ALL VALVES 4 TO 12 INCHES SHALL BE RESILIENT WEDGE GATE VALVES CONFORMING TO ANSI\AWWA C509 SUCH AS MUELLER MODEL A-2360-23 OR APPROVED EQUAL. ALL GATE VALVES SHALL OPEN LEFT (COUNTERCLOCKWISE).
- TAPPING SLEEVE SHALL BE MECHANICAL JOINT SUCH AS MUELLER H-615 OR EQUAL. TAPPING VALVES 4 TO 12 INCHES SHALL BE RESILIENT WEDGE GATE VALVES CONFORMING TO ANSI\AWWA C509 SUCH AS MUELLER MODEL T-2360-19 OR APPROVED EQUAL. ALL TAPPING SLEEVES AND VALVES SHALL BE TESTED TO 150 PSI MINIMUM; TESTING OF THE TAPPING SLEEVE AND VALVE MUST BE WITNESSED AND ACCEPTED BY THE TOWN OF NEWBURGH WATER DEPARTMENT PRIOR TO CUTTING INTO THE PIPE
- ALL WATER SERVICE LINES TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING. CORPORATION STOPS SHALL BE MUELLER H-15020N FOR 3/4" AND 1 INCH, MUELLER H-15000N OR B-25000N FOR 1 1/2" AND 2 INCH SIZES. CURB VALVES SHALL BE MUELLER H-1502-2N FOR 3/4" AND 1 INCH AND MUELLER B-25204N FOR 1 1/2" AND 2 INCH SIZES. CURB BOXES SHALL BE MUELLER H-10314N FOR 3/4" AND 1 INCH AND MUELLER H-10310N FOR 1 1/2" AND 2 INCH SIZES.
- ALL PIPE INSTALLATION SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF NEWBURGH WATER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS AS REQUIRED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT.
- THE WATER MAIN SHALL BE TESTED, DISINFECTED AND FLUSHED IN ACCORDANCE WITH THE TOWN OF NEWBURGH REQUIREMENTS. ALL TESTING, DISINFECTION AND FLUSHING SHALL BE COORDINATED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT. PRIOR TO PUTTING THE WATER MAIN IN SERVICE SATISFACTORY SANITARY RESULTS FROM A CERTIFIED LAB MUST BE SUBMITTED TO THE TOWN OF NEWBURGH WATER DEPARTMENT. THE TEST SAMPLES MUST BE COLLECTED BY A REPRESENTATIVE OF THE TESTING LABORATORY AND WITNESSED BY THE WATER DEPARTMENT.
- THE FINAL LAYOUT OF THE PROPOSED WATER AND/OR SEWER CONNECTION, INCLUDING ALL MATERIALS, SIZE AND LOCATION OF SERVICE AND ALL APPURTENANCES, IS SUBJECT TO THE REVIEW AND APPROVAL OF THE TOWN OF NEWBURGH WATER AND/OR SEWER DEPARTMENT. NO PERMITS SHALL BE ISSUED FOR A WATER AND/OR SEWER CONNECTION UNTIL A FINAL LAYOUT IS APPROVED BY THE RESPECTIVE DEPARTMENT.

CIVIL ENGINEER



Greensman-Pedersen, Inc.
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CONSULTANT:

NOT FOR CONSTRUCTION

THIS DRAWING PROVIDED ONLY FOR **REVIEW AND APPROVAL**

31 MAY 23	SUBMISSION TO TOWN
28 APR 23	SUBMISSION TO TOWN
15 FEB 23	SUBMISSION TO TOWN
11 NOV 22	SUBMISSION TO TOWN
20 OCT 22	GPI CONCEPT FOR REVIEW
16 SEP 22	CONCEPT FOR REVIEW

MARK: DATE: DESCRIPTION:

OWNER:

JW CONGREGATION SUPPORT, INC.

1005 RED MILLS ROAD
WALLKILL, NY 12589-3283

PROJECT TITLE:

NEWBURGH KINGDOM HALL OF JEHOVAH'S WITNESSES
33 OLD LITTLE BRITAIN RD
NEWBURGH, NY 12550

SHEET TITLE:

SITE DETAILS & NOTES

PROJECT No. **37147**

SHEET No. **C-505**

PLOT DATE: 31 May 23 PLOTTED BY: Andy LaPort V
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