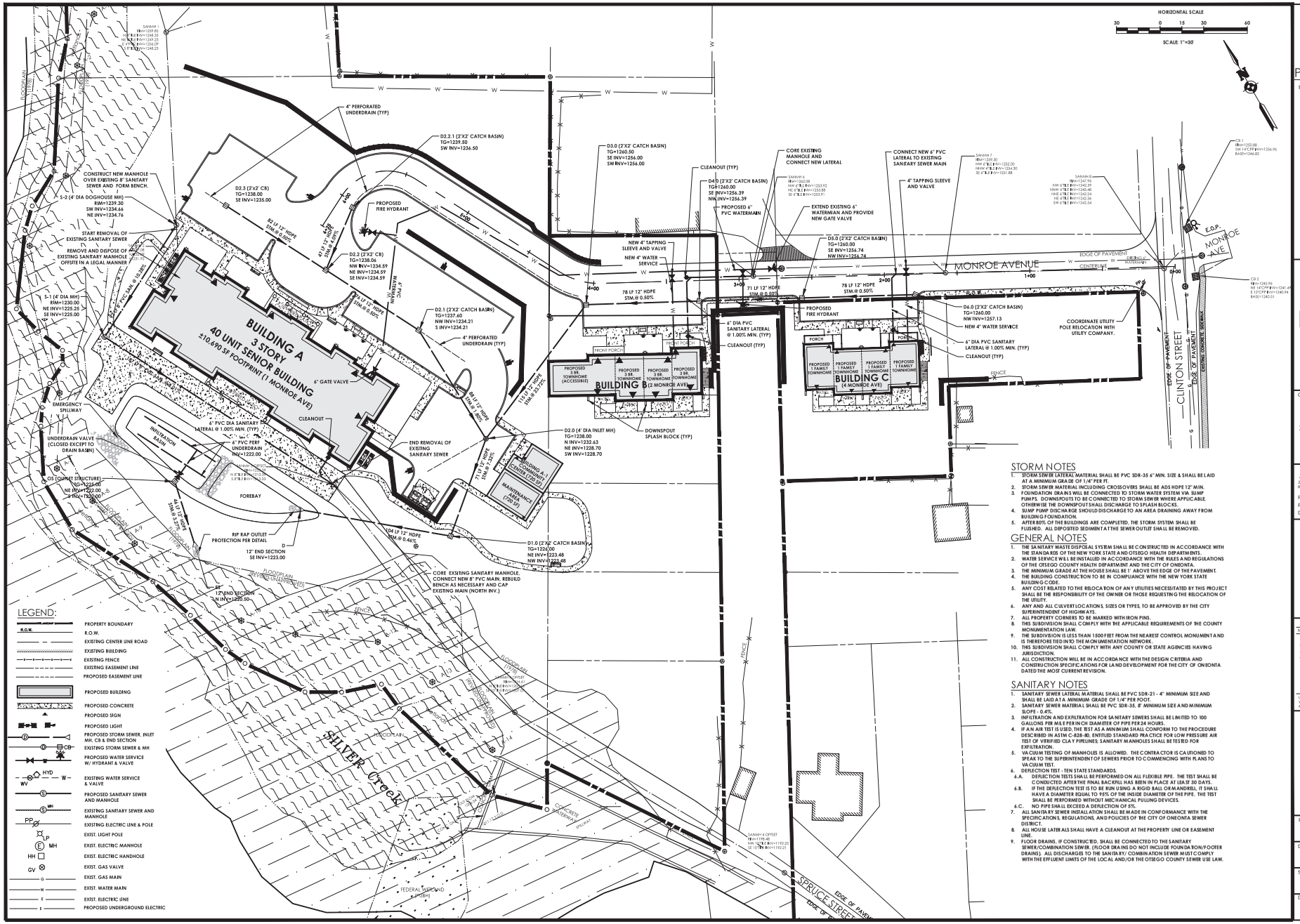

LEGEND:

- PROPERTY BOUNDARY
- R.O.W.
- EXISTING CENTER LINE ROAD
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- PROPOSED BUILDING
- PROPOSED CONCRETE
- PROPOSED SIGN
- PROPOSED LIGHT
- PROPOSED STORM SEWER, INLET MH, CB & END SECTION
- EXISTING STORM SEWER & MH
- PROPOSED WATER SERVICE W/ HYDRANT & VALVE
- EXISTING WATER SERVICE & VALVE
- PROPOSED SANITARY SEWER AND MANHOLE
- EXISTING SANITARY SEWER AND MANHOLE
- EXISTING ELECTRIC LINE & POLE
- EXIST. LIGHT POLE
- EXIST. ELECTRIC MANHOLE
- EXIST. ELECTRIC HANDHOLE
- EXIST. GAS VALVE
- EXIST. GAS MAIN
- EXIST. WATER MAIN
- EXIST. ELECTRIC LINE
- PROPOSED UNDERGROUND ELECTRIC

STORM NOTES

1. STORM SEWER LATERAL MATERIAL SHALL BE PVC SDR-35 6" MIN. SIZE & SHALL BE LAID AT A MINIMUM GRADE OF 1/4" PER FT.
2. STORM SEWER MATERIAL INCLUDING CROSSOVERS SHALL BE ADS HDPE 12" MIN.
3. FOUNDATION DRAINS WILL BE CONNECTED TO STORM WATER SYSTEM VIA SUMP PUMPS. DOWNSPOUTS TO BE CONNECTED TO STORM SEWER WHERE APPLICABLE. OTHERWISE THE DOWNSPOUTS SHALL DISCHARGE TO SPLASH BLOCKS.
4. SUMP PUMP DISCHARGE SHOULD DISCHARGE TO AN AREA DRAINING AWAY FROM BUILDING FOUNDATION.
5. AFTER 80% OF THE BUILDINGS ARE COMPLETED, THE STORM SYSTEM SHALL BE FLUSHED. ALL DEPOSITED SEDIMENT AT THE SEWER OUTLET SHALL BE REMOVED.

GENERAL NOTES

1. THE SANITARY WASTE DISPOSAL SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF THE NEW YORK STATE AND OTSEGO HEALTH DEPARTMENTS.
2. WATER SERVICE WILL BE INSTALLED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE OTSEGO COUNTY HEALTH DEPARTMENT AND THE CITY OF ONEONTA.
3. THE MINIMUM GRADE AT THE HOUSE SHALL BE 1' ABOVE THE EDGE OF THE PAVEMENT.
4. THE BUILDING CONSTRUCTION TO BE IN COMPLIANCE WITH THE NEW YORK STATE BUILDING CODE.
5. ANY COST RELATED TO THE RELOCATION OF ANY UTILITIES NECESSITATED BY THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE OWNER OR THOSE REQUESTING THE RELOCATION OF THE UTILITY.
6. ANY AND ALL CULVERT LOCATIONS, SIZES OR TYPES, TO BE APPROVED BY THE CITY SUPERINTENDENT OF HIGHWAYS.
7. ALL PROPERTY CORNERS TO BE MARKED WITH IRON PINS.
8. THIS SUBDIVISION SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE COUNTY MONUMENTATION LAW.
9. THE SUBDIVISION IS LESS THAN 1500 FEET FROM THE NEAREST CONTROL MONUMENT AND IS THEREFORE TIED INTO THE MONUMENTATION NETWORK.
10. THIS SUBDIVISION SHALL COMPLY WITH ANY COUNTY OR STATE AGENCIES HAVING JURISDICTION.
11. ALL CONSTRUCTION WILL BE IN ACCORDANCE WITH THE DESIGN CRITERIA AND CONSTRUCTION SPECIFICATIONS FOR LAND DEVELOPMENT FOR THE CITY OF ONEONTA DATED THE MOST CURRENT REVISION.

SANITARY NOTES

1. SANITARY SEWER LATERAL MATERIAL SHALL BE PVC SDR-21 - 4" MINIMUM SIZE AND SHALL BE LAID AT A MINIMUM GRADE OF 1/4" PER FOOT.
2. SANITARY SEWER MATERIAL SHALL BE PVC SDR-35, 8" MINIMUM SIZE AND MINIMUM SLOPE - 0.4%.
3. INFILTRATION AND EXFILTRATION FOR SANITARY SEWERS SHALL BE LIMITED TO 100 GALLONS PER MILE PER INCH DIAMETER OF PIPE PER 24 HOURS.
4. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM C-828-80, ENTITLED STANDARD PRACTICE FOR LOW PRESSURE AIR TEST OF VERIFIED CLAY PIPELINES. SANITARY MANHOLES SHALL BE TESTED FOR EXFILTRATION.
5. VACUUM TESTING OF MANHOLES IS ALLOWED. THE CONTRACTOR IS CAUTIONED TO SPEAK TO THE SUPERINTENDENT OF SEWERS PRIOR TO COMMENCING WITH PLANS TO VACUUM TEST.
6. DEFLECTION TEST - TEN STATE STANDARDS.
   - 6.A. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS.
   - 6.B. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
   - 6.C. NO PIPE SHALL EXCEED A DEFLECTION OF 5%.
7. ALL SANITARY SEWER INSTALLATION SHALL BE MADE IN CONFORMANCE WITH THE SPECIFICATIONS, REGULATIONS, AND POLICIES OF THE CITY OF ONEONTA SEWER DISTRICT.
8. ALL HOUSE LATERALS SHALL HAVE A CLEANOUT AT THE PROPERTY LINE OR EASEMENT LINE.
9. FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY SEWER/COMBINATION SEWER. (FLOOR DRAINS DO NOT INCLUDE FOUNDATION/FOOTER DRAINS). ALL DISCHARGES TO THE SANITARY/COMBINATION SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE OTSEGO COUNTY SEWER USE LAW.

PASSERO ASSOCIATES
Engineering • Architecture
www.passero.com

Client:
HOUSING VISIONS CONSULTANTS, LLC
1201 E. FAYETTS STREET
SYRACUSE, NY 13210

Passero Associates
242 WEST MAIN STREET, SUITE 100 (585) 325-1000
Rochester, New York 14614 Fax: (585) 325-1691

Principal-in-Charge John F. Caruso, P.E.
Project Manager David L. Cox, P.E.
Designed by Matt Nissen, E.I.T.

STATE OF NEW YORK · JOHN F. CARUSO · 066641 · LICENSED PROFESSIONAL ENGINEER

Revisions

No.	Date	By	Description
1	11/14/14	DC	REVISED PER CITY COMMENTS
2	7/24/15	DC	REVISED PER CITY COMMENTS
3	8/11/15	DC	REVISED PER CITY COMMENTS
4	9/21/15	DC	REVISED PER CITY COMMENTS

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS IN VIOLATION OF STATE EDUCATION LAW ARTICLE 145 SECTION 7209 AND ARTICLE 147 SECTION 7307. THESE PLANS ARE COPYRIGHT PROTECTED

90% CONSTRUCTION DOCUMENTS

UTILITY PLAN
ONEONTA HEIGHTS

CLINTON STREET
ONEONTA, NY 13820

City of Oneonta, Otsego County, New York

Project No. 20141930.0001

Drawing No. C 102 | Sheet No. 2

Scale: 1"=30'

Date 7/31/2015