

**GENERAL NOTES:**

- THE UNDERGROUND STRUCTURES AND UTILITIES SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM A SURVEY PREPARED BY ROBERT M. SUTHERLAND P.C. 11 MACDONOUGH STREET, PLATTSBURGH, NY 12091, DATED JULY 25, 2019 AND AVAILABLE SURVEYS AND RECORD MAPS BY OTHERS. MCFARLAND JOHNSON DOES NOT CERTIFY TO THE ACCURACY OF THEIR LOCATION AND/OR COMPLETENESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND EXTENT OF ALL UNDERGROUND STRUCTURES AND UTILITIES PRIOR TO ANY DIGGING OR CONSTRUCTION ACTIVITIES IN THEIR VICINITY. THE CONTRACTOR SHALL HAVE ALL EXISTING UTILITIES FIELD STAKED BEFORE STARTING WORK BY CALLING 1-800-962-7962.
- THE CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH TITLE 29 OF FEDERAL REGULATIONS, PART 1926, SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION (OSHA).
- HIGHWAY DRAINAGE ALONG ALL ROADS AND PRIVATE DRIVES SHALL BE KEPT CLEAN OF MUD, DEBRIS ETC. AT ALL TIMES. ALL CATCH BASINS AND STORM SEWER MANHOLES SHALL BE CLEANED PRIOR TO ACCEPTANCE BY THE TOWN.
- REFER TO ARCHITECTURAL DRAWINGS FOR PRECISE BUILDING DIMENSIONS AND BUILDING UTILITY LOCATIONS.
- THE CONTRACTOR SHALL CONSULT THE DESIGN ENGINEER BEFORE DEVIATING FROM THESE PLANS.
- IN ALL TRENCH EXCAVATIONS, CONTRACTOR MUST LAY THE TRENCH SIDE SLOPES BACK TO A SAFE SLOPE. USE A TRENCH SHIELD OR PROVIDE SHEETING AND BRACING. THE MEANS AND METHODS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER.
- EXCAVATED WASTE MATERIAL REMOVED FROM THE SITE SHALL BE PLACED AT A LOCATION ACCEPTABLE TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MAINTAIN A MINIMUM OF 2' OF COVER OVER ALL EXISTING AND NEW STORM SEWER PIPES AND 4' OF COVER OVER ALL SANITARY PIPES DURING CONSTRUCTION.
- ALL EXISTING SURFACE APPURTENANCES (I.E. WATER VALVES, CATCH BASIN FRAMES AND GRATES, MANHOLE COVERS) WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO FINISHED GRADE. (NO SEPARATE PAYMENT).
- AREAS DISTURBED OR DAMAGED AS PART OF THIS PROJECT'S CONSTRUCTION THAT ARE OUTSIDE OF THE PRIMARY WORK AREA SHALL BE RESTORED, AT THE CONTRACTORS EXPENSE, TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- UNLESS COVERED BY THE CONTRACT SPECIFICATIONS OR AS NOTED ON THE PLANS, ALL WORK SHALL CONFORM TO THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED JANUARY 8, 2015 AND ANY SUBSEQUENT REVISIONS.
- CONTRACTOR SHALL COORDINATE PROVISION OF TEMPORARY UTILITY SERVICE AS REQUIRED DURING CONSTRUCTION TO ENSURE UNINTERRUPTED SERVICE TO OCCUPIED BUILDINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE ALL PERMITS AND PROVIDE ALL BONDS REQUIRED FOR THIS WORK, INCLUDING BUT NOT LIMITED TO UTILITY CONNECTIONS, BUILDING AND SITE CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODE AND/OR UTILITY SERVICE COMPANIES. THIS SHALL BE COMPLETED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICES.
- MAINTENANCE AND PROTECTION OF TRAFFIC ALONG WITH SECURING THE WORK AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL LOCATE, MAKE, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND ROW MONUMENTS IN THE AREAS OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND SAFETY PROCEDURES. THE OWNER AND/OR ARCHITECT/ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUB CONTRACTOR OR THEIR AGENTS, EMPLOYEES OR ANY OTHER PERSON PERFORMING ANY OF THE WORK.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATION ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATION OR APPLICABLE CODES, IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE OWNERS REP. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE OWNERS REP. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.
- SNOW STORAGE WILL OCCUR AT MULTIPLE LOCATIONS THROUGHOUT ALL PAVED SURFACES.
- THE CONTRACTOR SHALL CONTACT THE CITY DPW IF THEY DISCOVER ANY UTILITY LINE NOT NOTED ON THE SURVEY, TO DETERMINE IF THE LINE IS ACTIVE.
- THE PROJECT SITE HAS A HISTORY OF VARIED USES INCLUDING COMMERCIAL, RESIDENTIAL, MANUFACTURING, AUTO REPAIR STEAM LAUNDERING, SIGN PAINTING AND MILLING. THE CITY OF PLATTSBURGH APPLIED FOR THE PROPERTY'S INCLUSION IN THE NEW YORK STATE ENVIRONMENTAL RESTORATION PROGRAM, AS A RESULT C.T. MALE CREATED A SITE MANAGEMENT PLAN (SMP) THAT WAS ADOPTED BY THE NEW YORK STATE DEC. ALL CONSTRUCTION ACTIVITIES MUST BE IN COMPLIANCE WITH THE SMP. IT SHOULD BE NOTED, SECTION 7 OF THE SMP STATES THAT THERE SHALL BE NO DISTURBANCE OF THE SITE NYSDEC NOTIFICATION 60 DAYS PRIOR. THE FULL SMP AND ENVIRONMENTAL EASEMENT ARE INCLUDED AS APPENDIX J OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
- NO ROAD OR LANE CLOSURES ARE ALLOWED UNLESS THE CONTRACTOR PROVIDES A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE CURRENT EDITION OF MUTCD FOR APPROVAL BY THE CITY OF PLATTSBURGH, EMERGENCY SERVICES, AND SCHOOL DISTRICT

**SEQUENCE OF CONSTRUCTION**

- HOLD A PRE-CONSTRUCTION MEETING WITH PROJECT MANAGER, OPERATOR'S ENGINEER, CONTRACTORS & SUB-CONTRACTORS, AND REPRESENTATIVES OF THE CITY OF PLATTSBURGH PRIOR TO LAND DISTURBING ACTIVITIES. REVIEW NYSDEC APPROVED SMP.
- HAVE A QUALIFIED PROFESSIONAL CONDUCT AN ASSESSMENT OF THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND CERTIFY IN AN INSPECTION REPORT THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROLS DESCRIBED IN THE SWPPP AS REQUIRED BY THE GP-0-15-002 HAVE BEEN ADEQUATELY INSTALLED OR IMPLEMENTED TO ENSURE OVERALL PREPAREDNESS OF THE SITE FOR THE COMMENCEMENT OF CONSTRUCTION.
- CONSTRUCT TEMPORARY STABILIZED CONSTRUCTION ENTRANCE AT LOCATION SHOWN ON THE DRAWINGS.
- INSTALL PERIMETER CONTROLS AND INLET PROTECTION AT THE LOCATIONS SHOWN ON THE DRAWINGS.
- CONSULT A QUALIFIED PROFESSIONAL TO PERFORM A SITE INSPECTION AND VERIFY THAT THE INITIAL PHASE OF EROSION CONTROL DEVICES HAVE BEEN INSTALLED PER THE DRAWINGS PRIOR TO COMMENCEMENT OF GROUND DISTURBANCE.
- BEGIN EARTHWORK OPERATIONS.
- COMMENCE EARTHWORK CUTS AND FILLS. WORK SHALL BE PROGRESSED TO ALLOW A REASONABLE TRANSFER OF CUT AND FILL FOR ROUGH GRADING AND EARTH MOVING FOR BULK SITE GRADING.
- STABILIZE ALL AREAS IDLE IN EXCESS OF 7 DAYS IN WHICH CONSTRUCTION WILL NOT COMMENCE WITHIN 7 DAYS.

**SEQUENCE OF CONSTRUCTION CONTINUED:**

- ADJUST THE EROSION AND SEDIMENT CONTROL PRACTICES AS REQUIRED FOR CONTINUING CONSTRUCTION AS SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN. THIS SHALL BE A PHASED ADJUSTMENT IN ORDER TO ENSURE THAT RUNOFF FROM ALL DISTURBED AREAS IS TREATED BY APPROPRIATE EROSION AND SEDIMENT CONTROL DEVICES.
- BEGIN UTILITY INSTALLATION AND BACKFILL. UTILITY INSTALLATION AREA SHALL BE STABILIZED WITH SEED AND MULCH PROGRESSIVELY AT THE END OF EACH WORK DAY.
- CONSTRUCT CATCH BASINS, AREA INLETS AND STORM SEWER MANHOLES, AS SHOWN ON THE PLANS.
- INSTALL INLET/OUTLET PROTECTION PROGRESSIVELY AS THE STORM SEWER IS INSTALLED.
- AS LANDSCAPED AREAS ARE BROUGHT TO GRADE, STABILIZE WITH TOPSOIL, SEED AND MULCH PER SPECIFICATIONS.
- FINALIZE BUILDING AND PAVEMENT SUB-GRADE PREPARATION.
- CONSTRUCT CURB
- INSTALL ASPHALT SUB-BASE MATERIAL AS REQUIRED FOR PAVEMENT.
- CARRY OUT ALL FINAL GRADING, STABILIZE SLOPES GREATER THAN 3D:1V WITH HEIGHTS EXCEEDING 5 FEET WITH EROSION CONTROL MATTING/BLANKETS, AND SEED AND MULCH ALL DISTURBED AREAS.
- A QUALIFIED PROFESSIONAL SHALL PERFORM A SITE ASSESSMENT TO CONFIRM THAT ALL PERMANENT STORMWATER DEVICES HAVE BEEN INSTALLED PER PLANS AND 80% UNIFORM GERMINATION/STABILIZATION HAS BEEN ACHIEVED PRIOR TO THE REMOVAL OF ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL.

**STORM SEWER:**

- ALL HDPE PIPES SHALL FOLLOW NYS DOT SECTION 603-2 AND 706-12, BE SMOOTH INTERIOR.
- PLACE RIP-RAP AROUND ALL END SECTIONS.
- IN INSTANCES WHERE THE STORM SEWER CROSSES THE SANITARY SEWER A CRUSHED STONE ENCASEMENT SHALL BE PROVIDED AROUND THE SANITARY SEWER UP TO THE STORM SEWER-COMPACT WITH APPROVED EQUIPMENT.
- ALL CATCH BASINS AND STORM MANHOLES WITHIN PAVEMENT TO BE CONSTRUCTED TO WITHSTAND HS-20 LOADING.

**SANITARY SEWER NOTES:**

- ONLY DOMESTIC WASTE FROM THE PROJECT SHALL BE DISCHARGED INTO THE SANITARY SEWER.
- ALL SANITARY LATERALS SHALL BE 6" PVC SDR-21 ASTM D2241 UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- A MINIMUM OF 4 FEET OF COVER SHALL BE PROVIDED OVER ENTIRE LENGTH OF ALL SANITARY LATERALS. IN ANY PLACE THE MINIMUM COVER CANNOT BE MET, THE PIPE SHALL BE INSULATED.
- THE CITY OF PLATTSBURGH DPW SHALL BE NOTIFIED SEVENTY-TWO HOURS IN ADVANCE OF CONNECTION OR TAP. [518-536-7453].
- SANITARY SEWER LATERAL(S) AND APPURTENANCES SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE REQUIREMENTS OF THE CITY OF PLATTSBURGH.
- FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY SEWER. FLOOR DRAINS DO NOT INCLUDE FOUNDATION/FOOTER DRAINS. NOTE: ALL DISCHARGES TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR CLINTON COUNTY SEWER USE LAW.
- MAXIMUM SPACING BETWEEN CLEANOUTS ON SANITARY LATERALS MAY NOT EXCEED SEVENTY-FIVE (75) FEET.
- MAXIMUM SPACING BETWEEN SANITARY MANHOLES MAY NOT EXCEED FOUR-HUNDRED (400) FEET.
- EXFILTRATION AND/OR INFILTRATION FOR SANITARY SEWERS SHALL BE LIMITED TO 100 GALLONS PER DAY, PER MILE OF PIPE, PER INCH DIAMETER, AND SHALL BE PERFORMED IN ACCORDANCE WITH DISTRICT PROCEDURES. AIR TESTS, INCLUDING VACUUM TESTS, SHALL NOT BE ALLOWED ON SANITARY MANHOLES.
- UPON COMPLETING CONSTRUCTION AND AFTER THE PIPE BACKFILL HAS BEEN IN PLACE FOR A PERIOD OF 30 DAYS, THE NEW SANITARY SEWER SHALL BE SUBJECT TO THE FOLLOWING TESTS AND PROCEDURES: FLUSH AND CLEAN THE SYSTEM, SEWER MAIN AIR PRESSURE/ EXFILTRATION TESTING, SEWER MANHOLE VACUUM/INFILTRATION TESTING (PERFORMED ONLY AFTER INVERTS AND BENCHES ARE FORMED), AND SEWER MAIN DEFLECTION TEST. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER ALL FINAL BACKFILL HAS BEEN IN PLACE AT LEAST THIRTY (30) DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF FIVE PERCENT (5%). IF THE DEFLECTION TEST IS RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A MINIMUM DIAMETER EQUAL TO NINETY-FIVE PERCENT (95%) OF THE INSIDE DIAMETER OF THE PIPE. TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
- MANHOLES SHALL BE 4' INSIDE DIAMETER UNLESS OTHERWISE SPECIFIED ON PLANS. MANHOLE FRAMES AND COVERS SHALL BE E.J. PRODUCT NO. 00120715, OR APPROVED EQUAL PER THE CITY OF PLATTSBURGH WATER AND SEWER DEPARTMENT STANDARDS.
- MINIMUM DEFLECTION OF 3" PVC SDR21 ASTM D2241 FORCE MAIN SEWER LINE IS 0.7" FOR 20' LENGTHS.
- ALL SEWER LINES ARE PRIVATE UNLESS OTHERWISE NOTED.

**WATER MAIN INSTALLATION:**

- WATER SERVICE LINE (LATERALS) SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATIONS AND SPECIFICATIONS OF THE CLINTON COUNTY HEALTH DEPARTMENT, AND THE LOCAL WATER AUTHORITY.
- ALL EROSION CONTROL MEASURES SHALL BE EMPLOYED DURING ALL PHASES OF CONSTRUCTION IN ACCORDANCE WITH ALL APPROPRIATE STANDARDS AND REQUIREMENTS. BEST MANAGEMENT PRACTICES ARE TO BE FOLLOWED.
- WATER MAINS AND ALL WATER SERVICE LINES SHALL HAVE A MINIMUM OF 5 FEET OF COVER FROM FINISH GRADE TO TOP OF PIPE.
- THE MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER MAINS SHALL BE 18" MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. THE MINIMUM HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SEWER MAINS SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. WHERE A WATER MAIN CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECT FILL) SHALL BE PROVIDED FOR THE SEWERS TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING ON AND BREAKING THE WATER MAINS.
- HYDRANT TYPE SHALL BE AS NOTED ON THE PLANS OR AS REQUIRED BY THE CITY OF PLATTSBURGH. GUARD VALVES SHALL BE USED AND ALL HYDRANT SUB PIPING SHALL BE MECHANICAL JOINT. FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED WHEN GROUND WATER IS ENCOUNTERED WITHIN 7 FEET OF THE FINISHED GRADE. ALL PLUGS SHALL BE MECHANICAL METAL PLUGS. ALL HYDRANTS WITH PLUGGED WEEP HOLES SHALL BE APPROPRIATELY TAGGED.

**WATER MAIN INSTALLATION CONTINUED:**

- ALL MECHANICAL JOINTS, FITTINGS (TEES, BENDS, PLUGS), ETC. SHALL BE BACKED WITH 3,000 PSI CONCRETE THRUST BLOCKS OR APPROVED MECHANICAL RESTRAINTS.
- WHERE PIPING IS TO BE PLACED WITHIN FILL AREAS, THE FILL SHALL BE PLACED AND COMPACTED TO AT LEAST 95% MODIFIED PROCTOR PRIOR TO TRENCH EXCAVATION.
- SHUTDOWN OF EXISTING WATER MAINS SHALL BE IN ACCORDANCE WITH THE LOCAL WATER AUTHORITY. THE CITY OF PLATTSBURGH DPW MANAGER MUST BE NOTIFIED IN ADVANCE OF ALL PROPOSED SHUTDOWNS IN ACCORDANCE WITH THEIR DIRECTION. WATER MUST BE TURNED BACK ON AS SOON AS POSSIBLE. ALL ENDS OF WATER MAINS MUST BE PROVIDED WITH ADEQUATE PLUG, BLOCK AND BLOW-OFF AS INDICATED ON THE PLANS.
- WATER SERVICE LINES SHALL BE SEPARATED AT LEAST TEN (10) FEET, MEASURED FROM THE OUTSIDE OF THE PIPES, FROM SEWER MAINS AND SEPTIC SYSTEMS.
- BACKFLOW PREVENTION SHALL BE PROVIDED IN THE BUILDING.
- BACKFLOW PREVENTION APPLICATION MUST BE SUBMITTED TO AND APPROVED BY THE SUPPLIER WHO WILL FORWARD PLANS TO THE NYS DEPARTMENT OF HEALTH FOR THEIR APPROVAL. THE APPROVAL PROCESS MUST BE COMPLETED PRIOR TO INSTALLATION. THE APPROVAL PROCESS SHOULD BE STARTED EARLY TO AVOID UNNECESSARY DELAYS OR CONFLICTS WITH OTHER HEALTH DEPARTMENT APPROVALS.
- ALL WATER LINES ARE PRIVATE UNLESS OTHERWISE NOTED.

**WATER MAIN MATERIALS:**

- POLYVINYL CHLORIDE (PVC) PIPE MUST BE WITH INTEGRAL BELL AND SPIGOT JOINTS; CLASS 150, DR 18, CONFORMING WITH THE LATEST REVISION OF ANSIAWWA C900 (FOR 4"-12" PIPE) OR C905 (FOR LARGER PIPE) STANDARD. MAXIMUM DEFLECTION OF 12" POLYVINYL CHLORIDE (PVC) AWWA C900 WATER LINE IS 0.7" FOR 20' LENGTHS. INSTALLATION TO INCLUDE TRACER TAPE AS PER MANUFACTURER'S INSTRUCTIONS.
- CEMENT-LINED DUCTILE-IRON (DI) PIPE MUST BE CLASS 52 MINIMUM CONFORMING WITH THE LATEST REVISION OF ANSIAWWA C151 STANDARD. IF REQUIRED BY WATER SUPPLIER THE PIPE SHALL BE ENCASED WITH A MINIMUM 8 MIL. POLYETHYLENE WRAP AS PER LATEST REVISION OF ANSIAWWA C105 STANDARD.
- POLYETHYLENE (PE) PRESSURE PIPE MUST BE PE 3408 MATERIAL MINIMUM. CONFORMING TO THE LATEST REVISION OF AWWA C901 AND C906.

**WATER SYSTEM TESTS:**

- SOIL TEST. THE CONTRACTOR SHALL PROVIDE A SOIL TEST EVALUATION TO DETERMINE THE NEED FOR POLYETHYLENE ENCASEMENT PER ANSIAWWWS C105/AZ1.5-82 PRIOR TO WATER MAIN INSTALLATION. SOIL TESTING SHALL BE CONDUCTED BY AN APPROVED SOIL TESTING LABORATORY IN ACCORDANCE WITH LOCAL WATER AUTHORITY STANDARDS.
- WATER PIPING SHALL BE FLUSHED AND TESTED IN CONFORMANCE WITH THE LATEST REVISION OF ANSIAWWA C600 STANDARD FOR DUCTILE IRON PIPE, C605 FOR PVC PIPE, OR EQUIVALENT OF C600 AND/OR C605 FOR PE PIPE.
- WATER SERVICE LINES SIZED 4-INCHES OR GREATER SHALL BE:
  - PRESSURE TESTED IN ACCORDANCE WITH THE LATEST SPECIFICATIONS OF THE LOCAL WATER AUTHORITY. THE PRESSURE TEST SHALL BE WITNESSED BY A REPRESENTATIVE FROM THE LOCAL WATER AUTHORITY.
  - DISINFECTION BY USING THE CONTINUOUS FEED METHOD ACCORDING TO AWWA STANDARD SPECIFICATIONS. AFTER FLUSHING AND DISINFECTING THE SERVICE LINE, WATER SAMPLES SHALL BE COLLECTED BY THE CLINTON COUNTY HEALTH DEPARTMENT. APPROVAL AND NOTIFICATION BY THE HEALTH DEPARTMENT MUST BE RECEIVED BEFORE THE LATER IS PLACED IN SERVICE.
- THE COMPLETED WORKS SHALL BE VERIFIED WITH CLINTON COUNTY HEALTH DEPARTMENT. PRIOR TO ISSUANCE, A NYS-LICENCED PROFESSIONAL ENGINEER MUST SUBMIT CERTIFICATION TO THE HEALTH DEPARTMENT THAT THEY OR THEIR DESIGNATED REPRESENTATIVE WITNESSED THAT CONSTRUCTION WAS IN CONFORMANCE WITH THE PLANS AS APPROVED; FLUSHING, TESTING, AND DISINFECTION PROCEDURES NOTED HEREIN HAD BEEN PROPERLY PERFORMED; AND, MICROBACTERIAL SAMPLE RESULTS FROM THE COMPLETED WORKS WERE ACCEPTABLE. COPIES OF THE OFFICIAL LABORATORY RESULTS ARE TO BE INCLUDED WITH THE CERTIFICATION.
- FIRE HYDRANTS ARE NOT ACCEPTABLE TESTING/SAMPLING POINTS.

**GRADING NOTES:**

- REMOVE AND STOCKPILE TOPSOIL AS DIRECTED BY THE CONSTRUCTION MANAGER. REPLACE TOPSOIL TO A MINIMUM 4" DEPTH. ALL DISTURBED AREAS TO BE HYDROSEEDDED AS DIRECTED BY THE CONSTRUCTION MANAGER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS, INCLUDING INLET PROTECTION AND SILT FENCE. EROSION CONTROL MEASURES SHALL NOT BE REMOVED BEFORE VEGETATION HAS OCCURRED COMPLETELY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF TOPSOIL TO ALL DISTURBED AREAS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES.
- EROSION CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, CLINTON COUNTY HEALTH DEPARTMENT, AND THE CITY OF PLATTSBURGH REQUIREMENTS.
- ALL INLETS TO THE STORM SEWER SHALL HAVE STONE DROP INLET PROTECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING BEST MANAGEMENT PRACTICES (BMP'S) UNTIL GROUND COVER IS ESTABLISHED.
- SILT FENCE, JUTE MESH, AND/OR EROSION CONTROL BLANKETS WILL BE USED ON STEEP SLOPES AND WHEREVER NECESSARY TO CONTROL EROSION AND SILTATION OF EXISTING DRAINAGE SYSTEMS AS ORDERED BY THE ENGINEER OR SPECIFIED ON PLANS.
- THE CONTRACTOR SHALL DESIGNATE A MEMBER OF HIS/HER FIRM TO BE RESPONSIBLE TO MONITOR EROSION CONTROL, EROSION CONTROL STRUCTURES, TREE PROTECTION AND PRESERVATION THROUGHOUT CONSTRUCTION.
- ALL GRADING AND EARTHWORK SHALL BE IN CONFORMANCE WITH NEW YORK STATE STANDARD SPECIFICATIONS SECTION 203 - EXCAVATION AND EMBANKMENT, WHICH INCLUDES MAXIMUM EMBANKMENT LIFT THICKNESS ALLOWED BASED ON THE COMPACTION EQUIPMENT USED.
- ALL PROPOSED ELEVATIONS SHOWN HEREON ARE FINISHED GRADE ELEVATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING RIM ELEVATIONS IN RELATION TO PROPOSED GRADE PRIOR TO INSTALLATION.

**PROJECT DATA:**

	ZONING:	TAX ACC. NO.	LOT SIZE	ZONING
1. APPLICANT: PRIME PLATTSBURGH, LLC 621 COLUMBIA STREET COHOES, NY 12047	EXISTING:	207.20-7-15	±4.66 ACRES	COMM/PUD
2. EXISTING ZONING: COMMERCIAL/ PLANNED UNIT DEVELOPMENT	PROPOSED:	XXX.XX-X-XX	±2.76 ACRES	PUD
3. LOT AREA: 2.76 ACRES (120,120 SF)	GROSS COMMERCIAL AREA: 9,900 SF GROSS RESTAURANT AREA: 8,000 SF CUSTOMER AREA: 7,000 SF OTHER AREA: 1,000 SF TOTAL APARTMENT UNITS: 104			

PARKING DEMAND PER CITY CODE		
USE	CALCULATION	NO. OF SPACES
RESIDENTIAL	(2 PER DU FOR FIRST 10) x 10 + (1.75 PER DU OVER 10) x 94	185
COMMERCIAL	(1 SPACE PER 250 SF)	40
RESTAURANT		
CUSTOMER AREA	(1 PER 50 SF) x 7,000 SF	140
OTHER AREA	(1 PER 250 SF) x 1,000 SF	4
PUBLIC PARKING FOR CITY USE		50
TOTAL DEMAND		419

PARKING DEMAND PER PUD		
USE	CALCULATION	NO. OF SPACES
RESIDENTIAL	(1.5 PER DU) x 104	156
COMMERCIAL	(1 SPACE PER 300 SF)	60
EMPLOYEE PARKING	(1/2 SPACE PER EMPLOYEE) x 20	10
PUBLIC PARKING FOR CITY USE		50
TOTAL DEMAND		276

PARKING PROVIDED	
LOCATION	NO. OF SPACES
SURFACE PARKING LOT	92
COURTYARD PARKING LOT	44
UNDERGROUND PARKING LOT	154
TOTAL PARKING PROVIDED	290

\*PARKING SPACES WILL BE STRIPED TO INDICATE SPACE. AVAILABLE FOR PUBLIC USE

**COMPACT/SUBCOMPACT PARKING (PER CITY CODE):**

COMPACT SPACES ALLOWED:	58 SPACES
COMPACT SPACES PROVIDED:	52 SPACES
SUBCOMPACT SPACES ALLOWED:	58 SPACES
SUBCOMPACT SPACES PROVIDED:	49 SPACES

**ADA PARKING (PER NYS 2016 UNIFORM CODE SUPPLEMENT):**

ACCESSIBLE SPACES REQUIRED:		ACCESSIBLE SPACES PROVIDED:	
SURFACE PARKING	4 SPACES	SURFACE PARKING	4 SPACES
COURTYARD PARKING	2 SPACES	COURTYARD PARKING	2 SPACES
UNDERGROUND PARKING	6 SPACES	UNDERGROUND PARKING	6 SPACES

**ZONING CHART**

FEATURES	CALCULATION	UNDERLYING CITY ZONING	PROPOSED
PARCEL SIZE	CHAPTER 360 SCHEDULE III	50,000 SF	120,120 SF
MIN. LOT DIMENSION	SQUARE ROOT OF LOT AREA X 0.67	232'	216'
MAX. HEIGHT IN STORIES	LOT AREA X 0.0001	14	5
MAX. BLDG HEIGHT	STORIES X 12	60'	65'
MINIMUM BUILDING SETBACKS	STORIES X 3	15'	15' NORTH 2' EAST (EXISTING) 19' WEST 5' SOUTH (EXISTING)
MAX. BLDG COVERAGE	LOT SIZE - SETBACK AREA	82%	31%
MIN. OPEN SPACE	SETBACK AREA	22,105 SF	22,925 SF

**LEGEND**

—20—	PROPOSED MAJOR CONTOUR	→	PROPOSED TRAFFIC FLOW ARROWS
—21—	PROPOSED MINOR CONTOUR	→	PROPOSED DRAINAGE FLOW ARROW
—XX—	EXISTING MAJOR CONTOUR	Ⓢ	NUMBER OF PARKING SPACES
—XX—	EXISTING MINOR CONTOUR	●	LIGHT POLE (SINGLE HEAD)
—UE—	UNDERGROUND ELECTRIC	●●	LIGHT POLE (DOUBLE HEAD)
—ST—	STORM SEWER	⊖	ONE POST SIGN
—G—	UNDERGROUND GAS SERVICE	⊕	WATER GATE VALVE
—W—	WATER	⊙	SANITARY SEWER MANHOLE
—SA—	SANITARY SEWER	⊙	STORM SEWER CATCH BASIN
—LO—	LIMITS OF DISTURBANCE	⊙	STORM SEWER MANHOLE
—IF—	SILT FENCE	⊙	HIGH DENSITY POLYETHYLENE PIPE
—CF—	CHAINLINK FENCE	⊙	TOP OF CURB
—CS—	CONCRETE SIDEWALK	⊙	BOTTOM OF CURB
—C—	PROPOSED CURB	⊙	UTILITY POLE



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**PROJECT MILESTONE  
SITE PLAN SUBMISSION**

NO.	DATE	DESCRIPTION
▲	04/16/20	CITY COMMENTS
▲	05/05/20	CLARIFICATIONS
▲	08/10/20	BUILDING REVIEW
▲	08/17/20	CORRECTION

CLIENT: PRIME PLATTSBURGH, LLC  
CITY OF PLATTSBURGH, NEW YORK  
PROJECT: DURKEE STREET MIXED USE DEVELOPMENT

DRAWN	NSO
DESIGNED	NSO
CHECKED	TCB
SCALE	N.T.S.
DATE	FEBRUARY 2020
PROJECT	18491.00

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

**DRAWING TITLE**

**GENERAL NOTES**

**DRAWING NUMBER**

GN-01