BASE MAP REFERENCE NOTES:

1. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.
2. ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED SEAL OR HIS EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.
3. SURVEYED WITHOUT THE BENEFIT OF A TITLE SEARCH.
4. COPYRIGHT CHAZEN ENGINEERING & LAND SURVEYING CO., P.C., ALL RIGHTS RESERVED.
5. DWELLING SHOWN HEREON SERVED BY UNDERGROUND UTILITIES.
6. TOPOGRAPHY SHOWN HEREON WAS COMPILED FROM A FIELD SURVEY COMPLETED BY C.E.L.S. DATUM NAVD–88, 2 FOOT CONTOUR INTERVAL.
7. BOUNDARY LINES SHOWN HEREON ARE APPROXIMATE AND ARE SUBJECT TO WHATEVER STATE OF FACTS THAT AN ACCURATE BOUNDARY SURVEY MAY REVEAL.

GENERAL NOTES:

1. INFORMATION SHOWN HEREON IS FROM A FIELD SURVEY COMPLETED BY M.J. ENGINEERING AND LAND SURVEYING, P.C. ON FEBRUARY 02, 2024.
2. THE HORIZONTAL DATUM IS REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83/2011, EPOCH 2010.00), NEW YORK STATE PLANE EAST ZONE 3101.
3. THE VERTICAL DATUM IS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), GEOID18.
4. CONTOUR INTERVAL = 1 FOOT.
5. NORTH IS ORIENTED TO GRID NORTH FROM GPS OBSERVATION.
6. SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE. SURVEY IS SUBJECT TO ANY INFORMATION THAT AN UP TO DATE TITLE REPORT MAY DISCLOSE.
7. SUBJECT TO ANY RIGHTS, EASEMENTS, COVENANTS, OR RESTRICTIONS OF RECORD.
8. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB–DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYORS SEAL AND SIGNED WITH INK SHALL NOT BE CONSIDERED TO BE VALID COPIES.

DEED REFERENCE:

1. WALRUS PROPERTIES LLC, AS TO PARCELS 1 & 2, AND WALRUS 68 LLC, AS TO PARCELS 3–7 TO ZENA DEVELOPMENT LLC DATED NOVEMBER 21, 2023 FILED IN THE ULSTER COUNTY CLERK'S OFFICE ON NOVEMBER 29, 2023 IN BOOK 7296 OF DEEDS AT PAGE 114 (INSTRUMENT #2023–13654).

UDIG NY: CALL 811 BEFORE YOU DIG:

1. CALL BEFORE YOU DIG: IF YOU PLAN TO DIG OR DO ANY TYPE OF EXCAVATION WORK, NEW YORK STATE LAW REQUIRES YOU CALL "DIG SAFELY NEW YORK" PRIOR TO DOING SO.
2. WAIT THE REQUIRED TIME: YOU NEED TO PROVIDE TWO FULL WORKING DAYS NOTICE PRIOR TO STARTING YOUR WORK, NOT COUNTING THE DAY OF YOUR CALL, WEEKENDS OR HOLIDAYS. THIS PROVIDES TIME FOR THE UTILITIES TO LOCATE YOUR PROPOSED DIG SITE.
3. CONFIRM UTILITY RESPONSE: "DIG SAFELY NEW YORK" WILL NOTIFY ALL MEMBER UTILITIES OF THE PENDING EXCAVATION SO THAT THEY CAN COME OUT AND MARK THE LOCATION OF THEIR UNDERGROUND LINES. BEFORE DIGGING ON YOUR STATED COMMENCEMENT DATE CONFIRM THAT ALL UTILITIES HAVE RESPONDED TO YOU INDICATING THEY HAVE MARKED YOUR PROPERTY OR THEY HAVE NO FACILITIES PRESENT.
4. RESPECT THE MARKS: BEFORE YOU BEGIN YOUR EXCAVATION, WALK THROUGH THE SITE TO FAMILIARIZE YOURSELF WITH THE MARKINGS AND THE LOCATIONS OF BURIED FACILITIES.
5. DIG WITH CARE: IT IS IMPORTANT EXCAVATORS TAKE A PROACTIVE APPROACH TO SAFETY NOT ONLY FOR THEMSELVES BUT FOR THE PUBLIC BY INITIATING THE ONE–CALL PROCESS AND ADHERING TO THE FIVE STEPS OF A SAFE EXCAVATION.

REMOVAL NOTES:

1. CONFORM TO APPLICABLE CODE FOR DEMOLITION OF STRUCTURES, SAFETY OF ADJACENT STRUCTURES, DUST CONTROL, RUNOFF CONTROL, HAULING, DISPOSAL, AND STORAGE OF DEBRIS.
2. FIELD VERIFY THAT EXISTING CONDITIONS CORRELATE WITH REQUIREMENTS INDICATED ON THE REMOVAL PLAN TO DETERMINE THE EXTENT OF SELECTIVE DEMOLITION REQUIRED.
3. MAINTAIN EGRESS AND INGRESS ACCESS TO ADJACENT FACILITIES AT ALL TIMES. DO NOT CLOSE OR OBSTRUCT ROADWAYS OR SIDEWALKS WITHOUT PRIOR APPROVAL FROM THE OWNER'S REPRESENTATIVE.
4. PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS AND SECURITY DEVICES.
5. LOCATE AND IDENTIFY ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA. DISCONNECT AND SEAL OR CAP OFF UTILITY SERVICES THAT WILL BE AFFECTED BY THIS PROJECT. NOTIFY THE OWNER'S REPRESENTATIVE AT A MINIMUM OF 72 HOURS BEFORE STARTING WORK AND COMPLY WITH THEIR REQUIREMENTS. VERIFY THAT AFFECTED UTILITIES HAVE BEEN DISCONNECTED AND CAPPED.
6. MAINTAIN AND PROTECT EXISTING UTILITIES TO REMAIN IN SERVICE AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVICING CURRENTLY OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY THE OWNER'S REPRESENTATIVE AND AUTHORITIES HAVING JURISDICTION.
7. PREVENT MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES. PROVIDE BRACING AND SHORING.
8. CEASE OPERATIONS IMMEDIATELY IF ADJACENT STRUCTURES APPEAR TO BE IN DANGER. NOTIFY THE OWNER'S REPRESENTATIVE AND AUTHORITIES HAVING JURISDICTION.
9. DEMOLISH AND REMOVE SITE COMPONENTS IN AN ORDERLY AND CAREFUL MANNER.
10. PROTECT EXISTING SITE COMPONENTS THAT ARE TO REMAIN.
11. ROUGH GRADE AND COMPACT AREAS AFFECTED BY DEMOLITION OPERATIONS TO MAINTAIN SITE GRADES AND CONTOURS.
12. CONDUCT DEMOLITION OPERATIONS WITH MINIMUM INTERFERENCE TO PUBLIC OR PRIVATE ACCESSES.
13. CONDUCT DEMOLITION OPERATIONS TO PREVENT DAMAGE TO ADJACENT FACILITIES AND COMPONENTS TO REMAIN.
14. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE. ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA.
15. REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH SELECTIVE DEMOLITION OPERATIONS.
16. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
17. TRANSPORT AND LEGALLY DISPOSE OF DEMOLISHED AND EXCESS MATERIALS. DISPOSE OF ALL DEBRIS RESULTING FROM DEMOLITION ACTIVITIES OFF–SITE AT A FACILITY APPROVED TO RECEIVE SUCH MATERIAL. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON–SITE. DO NOT BURN DEMOLISHED MATERIALS ON–SITE.

REMOVAL NOTES (CONT.):

18. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITIONS EXISTING BEFORE START OF SELECTIVE DEMOLITION.
19. THE DEPTH AND TYPE OF MATERIALS NOTED FOR PAVEMENT AND SIDEWALK REMOVAL IN THE PLANS ARE BASED UPON RECORD INFORMATION FURNISHED AND/OR PAVEMENT CORES COMPLETED. ACTUAL DEPTHS MAY VARY. THE REMOVAL OF THESE MATERIALS PLUS ADDITIONAL EXCAVATIONS TO THE REQUIRED DEPTH ARE CONSIDERED UNCLASSIFIED EXCAVATION MATERIALS.
20. ALL SAW CUT LINES ARE TO BE PARALLEL AND CURVILINEAR TO EXISTING OR PROPOSED CURBING AND LOCATED A CONSTANT DISTANCE OF 18" MIN AWAY.
21. REMOVE ANY EXISTING PAVEMENT AND SUBBASE AREAS UNDERMINED BEYOND THE LIMITS OF PAVEMENT SAWCUT DUE TO EXCAVATION, INCLUDING SOFT DIGGING.
20. ALL EXISTING LAWN AREA, CURBING, PAVING, SIDEWALKS, CULVERTS, OR OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED BY TRENCHING OR EXCAVATION OPERATIONS ARE TO BE REPLACED OR REPAIRED TO A CONDITION EQUAL TO EXISTING, AS DESCRIBED IN CONTRACT DOCUMENTS, OR AS ORDERED BY THE OWNER'S REPRESENTATIVE. MAILBOXES, SIGN POSTS, ETC. ARE TO BE PROTECTED OR REMOVED AND REINSTALLED EXACTLY AS THEY WERE BEFORE BEING DISTURBED. REMOVE AND REPLACE AFFECTED CURBING AND SIDEWALK TO NEAREST JOINT. REMOVE PAVEMENT AND REPLACE TO SAW CUT LINE; REMOVE LAWN AND REPLACE TO THE MINIMUM LIMIT OF EXCAVATION.
21. THE CONTRACTOR, AT THEIR OWN RISK, MAY RECYCLE ON–SITE MATERIALS FOR USE ON THE PROJECT IF IT MEETS THE SPECIFICATIONS FOR THAT MATERIAL. BASE THE BID PRICE ON THE REMOVAL AND DISPOSAL OF THE UNCLASSIFIED EXCAVATION MATERIALS FOR PLACEMENT OF NEW PAVEMENT AND SIDEWALK SECTIONS, INCLUSIVE OF SUBBASE MATERIALS.

GENERAL CONSTRUCTION NOTES:

1. PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE ENGINEER OR OWNER'S REPRESENTATIVE, ARE TO BE REPLACED AT THE CONTRACTOR'S EXPENSE AND UNDER THE SUPERVISION OF A LICENSED LAND SURVEYOR.
2. NOTIFY THE OWNER'S REPRESENTATIVE 72 HOURS PRIOR TO INITIALIZATION OF ANY WORK ON SITE.
3. THE OWNER'S REPRESENTATIVE IS TO BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK MAY NOT VARY FROM THE PLANS WITHOUT PRIOR REVIEW FROM THE ENGINEER.
4. THE CONTRACTOR IS RESPONSIBLE FOR EMPLOYING AND MAINTAINING ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY AND SAFELY MAINTAINING THE AREA(S) BETWEEN ALL ADJOINING PROPERTIES.
6. KEEP ALL PUBLIC ROADWAYS AND RIGHT OF WAYS CLEAR OF DEBRIS AT ALL TIMES.
7. ALL PROPOSED CONSTRUCTION WORK TO BE PERFORMED IN THE TOWN OF WOODSTOCK IS SHOWN FOR INFORMATIONAL PURPOSES ONLY.
8. ALL EQUIPMENT USED UNDER THIS CONTRACT IS TO BE CLEANED PRIOR TO ENTERING AND EXITING THE CONSTRUCTION SITE IN AN EFFORT TO REDUCE INVASIVE SPECIES SPREAD.
9. COORDINATE WITH NYS INVASIVE SPECIES STAFF AT THE BUREAU OF INVASIVE SPECIES AND ECOSYSTEM HEALTH FOR REMOVAL AND DISPOSAL OF NON–NATIVE AND INVASIVE SPECIES FOUND WITHIN THE CONSTRUCTION LIMITS.
10. WORK RESTRICTIONS PER CODE: 7AM–9PM ON WEEKDAYS, 8AM–9PM ON WEEKENDS.

LAYOUT AND GRADING NOTES:

1. COMPLETE AND COORDINATE ALL FIELD LAYOUT. TAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE MARKED UP AS–BUILT PLANS FOR ALL UTILITIES SHOWING TIES TO CONNECTIONS, BENDS, VALVES, LENGTHS OF LINES, AND INVERTS. AS–BUILT PLANS ARE TO BE REVIEWED BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR IS TO PROVIDE ANY CORRECTIONS OR ADDITIONS TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AND THE ENGINEER PRIOR TO UTILITIES BEING ACCEPTED.
2. DIMENSIONS SHOWN ON THE PLANS AND DETAILS AS MINIMUMS AND MAXIMUMS ARE THE LIMITS FOR DESIGN AND FIELD LAYOUT. DO NOT CONSTRUCT WITH VALUES OUTSIDE THE LIMITS OF WORK ACCEPTANCE.
3. ALL PAVEMENT RESTORATION IS TO MEET AND MATCH EXISTING GRADES AND FINISHES OR UNLESS OTHERWISE NOTED ON THE PLANS.
4. TO CHECK FIELD LAYOUT AND VERIFY WORK ACCEPTANCE, MEASURE ALL SLOPES AND GRADES WITH A 4 FOOT LONG DIGITAL LEVEL USING AT LEAST TWO READINGS. WHERE THE READINGS VARY, AVERAGE THE MEASUREMENTS. MEASURE GRADE (RUNNING SLOPE) ALONG THE CENTERLINE AND OFFSET 12" TO 18" FROM THE CENTERLINE. MEASURE CROSS SLOPES PERPENDICULAR TO CENTERLINE AT 5' TO 10' INTERVALS.
5. MEASURE GRADES (RUNNING SLOPES) IN THE DIRECTION OF PEDESTRIAN TRAVEL. MEASURE CROSS SLOPES PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.
6. PROVIDE JOINTS BETWEEN SIDEWALKS, CURB RAMPS, TURNING SPACES AND ROADWAYS THAT ARE FLUSH AND FREE FROM ABRUPT VERTICAL CHANGES GREATER THAN ¼". BEVEL VERTICAL SURFACE DISCONTINUITIES BETWEEN ¼" TO ½" WITH A SLOPE NOT STEEPER THAN 1:2. APPLY BEVEL ACROSS THE ENTIRE JOINT.
7. 1.5% IS THE MAXIMUM CROSS SLOPE OF PEDESTRIAN ACCESS ROUTES FOR DESIGN AND LAYOUT. 2% IS THE MAXIMUM CROSS SLOPE OF PEDESTRIAN ACCESS ROUTES FOR WORK ACCEPTANCE.
8. 4.5% IS THE MAXIMUM RUNNING SLOPE OF PEDESTRIAN ACCESS ROUTES FOR DESIGN AND LAYOUT. 5% IS THE MAXIMUM RUNNING CROSS SLOPE OF PEDESTRIAN ACCESS ROUTES FOR WORK ACCEPTANCE.
9. THE MINIMUM WIDTH OF A CURB RAMP IS 4'.
10. 5% IS THE MINIMUM GRADE (RUNNING SLOPE) OF A CURB RAMP. 7.5% IS THE MAXIMUM GRADE OF A CURB RAMP FOR DESIGN AND LAYOUT. 8.3% IS THE MAXIMUM GRADE OF A CURB RAMP FOR WORK ACCEPTANCE. 6" IS THE MAXIMUM VERTICAL RISE OVER THE LENGTH OF THE CURB RAMP.
11. 1.5% IS THE MAXIMUM CROSS SLOPE OF A CURB RAMP FOR DESIGN AND LAYOUT. 2% IS THE MAXIMUM CROSS SLOPE FOR WORK ACCEPTANCE. PROVIDE A CURB RAMP THAT IS AS FLAT AS POSSIBLE BUT STILL PROVIDES POSITIVE DRAINAGE.
12. INSTALL FLARED SIDES WHERE A PEDESTRIAN CIRCULATION PATH CROSSES A CURB RAMP. THE MAXIMUM SLOPE FOR DESIGN AND LAYOUT IS 9.5% AND 10% FOR WORK ACCEPTANCE. THE SLOPE OF THE FLARED SIDES ARE MEASURED PARALLEL TO THE CURB LINE.

PAVING NOTES:

1. NO VEHICULAR TRAFFIC OF ANY SORT IS PERMITTED ON THE SURFACE OF SUBBASE COURSE MATERIAL ONCE IT HAS BEEN FINE GRADED, COMPACTED, AND IS READY FOR PAVING. SUBBASE MATERIAL PREPARED FOR PAVING IS TO BE PAVED WITHIN THREE DAYS OF PREPARATION.
2. THE CONTRACTOR'S SURVEYOR IS TO CONFIRM PROPER GRADE OF SUBBASE PLACEMENT PRIOR TO BINDER COURSE. SUBBASE MATERIAL PREPARED AND CONFIRMED FOR PAVING IS TO BE PAVED WITHIN 72 HOURS OF PREPARATION.
3. SUBBASE MATERIAL AND THE VARIOUS ASPHALT CONCRETE MATERIALS CALLED FOR ON THE PLANS ARE TO CONFORM WITH THE MOST RECENT EDITION OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS. CONSTRUCTION IS TO BE AS DEMONSTRATED IN THOSE SPECIFICATIONS OR AS OTHERWISE PROVIDED FOR ON THE PLANS.

PAVING NOTES (CONT.):

4. PLACE ASPHALT CONCRETE MIXTURE ON PREPARED SURFACE, SPREAD AND STRIKE–OFF USING A SELF–PROPELLED PAVING MACHINE, WITH VIBRATING SCREED. PLACEMENT IN INACCESSIBLE AND SMALL AREAS MAY BE PLACED BY HAND.
5. PROVIDE JOINTS BETWEEN OLD AND NEW PAVEMENTS OR BETWEEN SUCCESSIVE DAYS OF WORK.
6. TACK COAT WHEN SPECIFIED OR AS CALLED OUT IN THE PLANS:
   6.1. REMOVE LOOSE AND FOREIGN MATERIAL FROM ASPHALT SURFACE BEFORE PAVING NEXT COURSE. USE POWER BROOMS, BLOWERS, OR HAND BROOM.
   6.2. APPLY TACK COAT TO ASPHALT PAVEMENT SURFACES AND SURFACES OF CURBS, GUTTERS, MANHOLES, AND OTHER STRUCTURES PROJECTING INTO OR ABUTTING PAVEMENT. DRY TO A "TACKY" CONSISTENCY BEFORE PAVING.
   6.3. TACK COAT ENTIRE VERTICAL SURFACE OF ABUTTING PAVEMENT.
7. AFTER COMPLETION OF PAVING AND SURFACING OPERATIONS, CLEAN SURFACES OF EXCESS OR SPILLED ASPHALT, GRAVEL OR STONE MATERIALS TO THE SATISFACTION OF THE ENGINEER.

UTILITY NOTES:

1. ADJUST ALL EXISTING MANHOLE COVERS, CATCH BASIN FRAMES AND GRATES, WATER VALVE COVERS, GAS VALVES, AND OTHER UTILITIES WHERE ENCOUNTERED TO MATCH NEW LINE AND FINISHED GRADE OF LAWN, SIDEWALK, OR PAVEMENT.
2. BEFORE CONSTRUCTING LINES TO CONNECT TO EXISTING UTILITIES, VERIFY EXISTING UTILITY INVERTS AND NOTIFY THE OWNER'S REPRESENTATIVE IF ANY VARIATION FROM THE PLANS ARE REQUIRED.
3. PRIOR TO COMMENCEMENT OF UTILITY CONSTRUCTION, THE CONTRACTOR IS TO VERIFY BOTH HORIZONTAL AND VERTICAL POSITIONS OF EXISTING UTILITIES AT EACH CONNECTION POINT.
4. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION STAKE OUT.
5. TAKE CARE TO PREVENT DAMAGE TO EXISTING UTILITIES. DAMAGED UTILITIES ARE TO BE IMMEDIATELY REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
6. MAINTAIN FLOWS FOR ALL EXISTING UTILITIES.
7. STORM SEWER STRUCTURES AND PIPING WITHIN THE CONTRACT LIMIT LINE TO BE COMPLETELY FLUSHED OF SEDIMENT THAT HAS ACCUMULATED FROM CONSTRUCTION AND REMOVED FROM THE SITE PRIOR TO SUBSTANTIAL COMPLETION AND AT A TIME DETERMINED BY THE OWNER'S REPRESENTATIVE IN ACCORDANCE WITH NYSDEC REGULATIONS.
8. INSTALLED STORM SEWER PIPING TO BE CCTV INSPECTED PRIOR TO BEING DEEMED FUNCTIONALLY COMPLETE AND READY FOR USE.
9. ALL PAVEMENT, WALKWAYS, AND GRANITE OR CONCRETE CURB REMOVED FOR UTILITY INSTALLATION IS TO BE REPLACED IN KIND UPON COMPLETION OF WORK IN EACH RESPECTIVE AREA.
10. ALL HOUSES ARE TO BE PROVIDED WITH A SPRINKLER SYSTEM PER NYS FIRE CODE.
11. ALL ROADSIDE DRAINAGE STALES AND CULVERTS ARE TO BE DESIGNED AND SIZED TO THE 25–YEAR STORM EVENT PER THE TOWN SUBDIVISION BOOK.

TEMPORARY UTILITY NOTES:

1. PROVIDE TEMPORARY SANITARY FACILITIES FOR USE DURING CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR, AND IS TO INCLUDE IN THEIR BID PRICE, ANY TEMPORARY CONSTRUCTION LIGHTING THAT MAY BE NECESSARY TO COMPLETE WORK ASSOCIATED WITH THIS PROJECT. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, TEMPORARY CONSTRUCTION LIGHTING DURING POTENTIAL SHIFTS OUTSIDE OF THE FIRST SHIFT WHICH TYPICALLY COVERS 7AM TO 3PM. WHEN IT IS DETERMINED THAT TEMPORARY LIGHTING IS REQUIRED TO COMPLETE THE WORK, THE CONTRACTOR IS TO COORDINATE WITH, AND OBTAIN APPROVAL FROM, THE OWNER'S REPRESENTATIVE FOR LOCATIONS OF THE TEMPORARY LIGHTING FACILITIES AND THE DURATION OF USE AT A MINIMUM OF 48 HOURS PRIOR TO IMPLEMENTATION. ALL TEMPORARY LIGHTING PROVIDED IS TO INCLUDE ITS OWN POWER SUPPLY. TEMPORARY LIGHTING CANNOT CONNECT TO EXISTING ELECTRICAL SYSTEMS PRESENT WITHIN THE SITE UNLESS PRIOR APPROVAL IS GRANTED BY THE OWNER'S REPRESENTATIVE.

SWPPP NOTES:

1. CONSTRUCTION PHASING PLAN
   THIS PROJECT WILL BE CONSTRUCTED IN ONE PHASE OR UNLESS OTHERWISE NOTED ON THE PLANS.
2. EROSION AND SEDIMENT CONTROL PRACTICES
   REFER TO THE PLANS AND DETAILS FOR LOCATIONS, SIZES, AND SPECIFICATIONS OF EROSION AND SEDIMENT CONTROL DEVICES.
   2.1. TEMPORARY SEDIMENT CONTROL – SILT FENCE: SILT FENCE REDUCES RUNOFF VELOCITY AND CAUSES SETTLING OF SEDIMENT. INSTALL SILT FENCE WHERE SHOWN IN THE PLANS. INSTALL AROUND ANY STOCKPILED SOIL MATERIALS.
   2.2. WETLAND PROTECTION FENCE (IF REQUIRED): ORANGE CONSTRUCTION FENCE POSTED WITH "SENSITIVE AREA, STAY OUT" PROTECTS THE ON–SITE WETLANDS FROM UNAUTHORIZED DISTURBANCE.
   2.3. TEMPORARY SEEDING: TEMPORARY SEEDING REDUCES EROSION AND SEDIMENT LOSS FROM BARE GROUND. PROVIDE TEMPORARY SEEDING TO ESTABLISH TEMPORARY COVER FOR DISTURBED EARTH OR SOIL STOCKPILES. PREPARE TEMPORARY SEEDING PER THE PLANS OR, AT A MINIMUM, ON DISTURBED AREAS AND SOIL STOCKPILES HELD FOR LONGER THAN 7 DAYS, DURING TEMPORARY CONSTRUCTION SHUT DOWNS, AND AT WARMING PERIODS FOR OPTIMAL PLANTING TIMES. IN SPRING, SUMMER OR EARLY FALL APPLY RYE GRASS AT AT A RATE OF 1 LB/ 1000 SQ. FT. IN LATE FALL OR EARLY SPRING, APPLY CERTIFIED AROOSTOOK RYE AT 2.5 LBS. / 1000 SQ. FT. APPLY STRAW AT 2 BALES / 1000 SQ. FT OR WOOD FIBER HYDROMULCH AT MANUFACTURER'S RECOMMENDED RATE. ANCHOR STRAW.
   2.4. CONCRETE WASHOUT: CONCRETE WASHOUT IS TO BE DONE OFF SITE OR AT A MAINTAINED WASHOUT CONTAINER LOCATION AS SHOWN IN THE PLANS. ALL WASTE WATER AND SEDIMENT FROM THE UNIT IS TO BE DISPOSED OF OFF SITE AND IN ACCORDANCE WITH STATE, LOCAL, AND FEDERAL REQUIREMENTS. LOCATION OF THE WASHOUT CONTAINER IS TO BE DETERMINED BY THE OWNER'S REPRESENTATIVE PRIOR TO PLACEMENT.
   2.5. DUST CONTROL: DUST CONTROLS PREVENT SURFACE AND AIR MOVEMENT OF DUST FROM DISTURBED AREAS THAT MAY CAUSE OFF SITE DAMAGE, HEALTH HAZARDS, AND TRAFFIC SAFETY PROBLEMS. PROVIDE DUST CONTROL THROUGH SPRINKLING, TEMPORARY, AND PERMANENT STABILIZATION, SUCH AS SEEDING, MULCHING, AND INSTALLING ROLLED EROSION CONTROL BLANKETS. THESE MEASURES WILL PREVENT DUST FROM BLOWING OFF SITE. INSTALL TEMPORARY AND PERMANENT STABILIZATION MEASURES PER THE PLANS AS SOON AS FINAL GRADES ARE REACHED AND ON SOIL STOCKPILES AND DISTURBED AREAS TO BE LEFT FOR LONGER THAN 7 DAYS. USE SPRINKLING AND OTHER METHODS AS REQUIRED TO PREVENT BLOWING DUST.
   2.6. STORM DRAIN INLET PROTECTION: INLET PROTECTION IS A TEMPORARY, SOMEWHAT PERMEABLE BARRIER INSTALLED AROUND A STORM WATER INLET THAT PREVENTS SEDIMENT LADEN WATER FROM ENTERING THE SYSTEM BY FILTERING AND/OR CAUSING SEDIMENT TO SETTLE. INSTALL INLET PROTECTION IMMEDIATELY UPON INSTALLATION OF A STORM DRAIN INLET. USE STONE AND BLOCK PROTECTION AROUND INLETS IN PAVED/GRAVEL AREAS. USE FABRIC PROTECTION AROUND INLETS INSTALLED IN LANDSCAPED AREAS. REMOVE PROTECTION UPON FINAL STABILIZATION OF THE SITE.

SWPPP NOTES (CONT.):

   2.7. PERMANENT SEEDING: PERMANENT SEEDING PREVENTS SOIL EROSION FROM BARE SOIL. ONCE FINAL GRADING OF AN AREA HAS BEEN COMPLETED, PROVIDE PERMANENT SEEDING AND MULCHING.

ROADSIDE AND LAWN SEED MIX, SUN AND PARTIAL SHADE:

AMOUNT BY WEIGHT	SPECIES OR VARIETY	PURITY MIN %	GERMINATION
50%	KENTUCKY BLUE GRASS*	95%	80%
20%	PERENNIAL RYE	98%	90%
30%	CREEPING RED FESCUE	97%	85%
100%			

*MIN 2 (EQUAL PROPORTIONS) VARIETIES AS LISTED IN CORNELL RECOMMENDATION FOR TURFGRASS

ALL OTHER AREAS ARE TO BE SEEDED WITH A POLINATOR MIX.

ALL SEED MIXES ARE TO BE APPROVED BY THE DESIGNATED TOWN AND/OR AGENCY (HUDSONIA) PRIOR TO PLACEMENT.

   2.8. HYDROMULCHING: HYDROMULCHING, WHICH INCLUDES A MIXTURE OF WATER, WOOD FIBER CELLULOSE, AND TACKIFIER, IS TO BE APPLIED WITH HYDROSEEDING EQUIPMENT ON SLOPES TO PREVENT SOIL EROSION AND FOSTER VEGETATION.
   2.9. HYDRAULICALLY APPLIED EROSION CONTROL BLANKETS: EROSION CONTROL BLANKETS AID IN KEEPING SOILS IN PLACE BY PROVIDING PROTECTION FROM THE IMPACT OF PRECIPITATION AND OVERLAND FLOW, AND RETAIN MOISTURE TO FACILITATE THE ESTABLISHMENT OF VEGETATION. THIS PRACTICE IS TO BE APPLIED UTILIZING HYDROSEEDING EQUIPMENT.
3. POLLUTION PREVENTION MEASURES
   IN ADDITION TO THE EROSION AND SEDIMENT CONTROL MEASURES IMPLEMENTED ON THE SITE, IMPLEMENT THE FOLLOWING MEASURES TO PREVENT LITTER, CHEMICALS, AND DEBRIS FROM ENTERING STORM DRAINS, DISCHARGES FROM THE SITE, AND INTO SENSITIVE AREAS.
   3.1. PROPERLY INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES AS OUTLINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
   3.2. PROPERLY CONTAIN AND DISPOSE OF ALL MATERIALS USED ON SITE.
   3.3. CLEAN UP SPILLS IMMEDIATELY TO MINIMIZE SAFETY HAZARDS AND PREVENT SPREADING.
   3.4. ROUTINELY INSPECT AND CLEAN OUT STORM CATCH BASINS AND CONVEYANCES.
   3.5. CONTROL LITTER BY SWEEPING AND PICKING IT UP DAILY.
   3.6. IF POSSIBLE, DO NOT STORE FUEL OR PETROLEUM PRODUCTS ON–SITE. IF FUEL/PETROLEUM PRODUCTS ARE STORED ON SITE:
      3.6.1. USE SECONDARY CONTAINMENT MEASURES.
      3.6.2. HAVE EQUIPMENT AND MATERIALS ON SITE TO CONTAIN AND CLEAN UP SPILLS IN FUEL STORAGE AREAS OR ON BOARD MAINTENANCE AND FUELING VEHICLES.
      3.6.3. CONTAIN AND CLEAN UP SPILLS IMMEDIATELY.
      3.6.4. PRACTICE PREVENTIVE MAINTENANCE FOR ON–SITE EQUIPMENT.
      3.6.5. OVERSEE ALL FILLING OPERATIONS.
   3.7. PRACTICE GOOD HOUSEKEEPING AND EDUCATE EMPLOYEES ON POLLUTION PREVENTION MEASURES.
      3.7.1. STORE ON SITE MATERIALS AND CHEMICALS IN A NEAT AND ORDERLY MANNER AND IN AREAS DESIGNATED FOR SUCH STORAGE.
      3.7.2. DISPOSE OF GARBAGE, RUBBISH, CONSTRUCTION, AND SANITARY WASTE ROUTINELY.
      3.7.3. IMMEDIATELY CLEAN UP ANY SPILLS.
      3.7.4. IMMEDIATELY CLEAN UP ANY SEDIMENTS OR WASTE TRACKED ONTO PUBLIC HIGHWAYS OR TRANSPORTED ONTO ADJACENT PROPERTIES.
      3.7.5. USE DUST CONTROL METHODS.
   3.8. FOR CONSTRUCTION WASTE:
      3.8.1. DESIGNATE A WASTE COLLECTION AREA.
      3.8.2. PROVIDE AN ADEQUATE NUMBER OF CONTAINERS WITH LIDS OR COVERS THAT CAN BE PLACED OVER CONTAINERS PRIOR TO RAINFALL.
      3.8.3. ARRANGE FOR WASTE COLLECTION ON A ROUTINE BASIS AND PRIOR TO CONTAINER OVERFLOW.
      3.8.4. IF A CONTAINER DOES SPILL, CLEAN UP IMMEDIATELY.
      3.8.5. COLLECT, REMOVE, AND DISPOSE OF CONSTRUCTION WASTE IN APPROVED DISPOSAL AREAS.
      3.8.6. DISPOSAL METHODS ARE TO MEET THE REQUIREMENTS OF FEDERAL, STATE AND LOCAL REQUIREMENTS.
   3.9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING TEMPORARY SANITARY FACILITIES. DOMESTIC WASTE HAULERS ARE TO BE CONTRACTED FOR REGULAR REMOVAL OF SANITARY WASTE AND TO MAINTAIN THE FACILITIES IN GOOD WORKING ORDER.
   3.10. IF FERTILIZERS ARE USED ON SITE:
      3.10.1. LIMIT THE APPLICATION OF FERTILIZERS TO THE MINIMUM AREA REQUIRED AND USE THE MINIMUM RECOMMENDED AMOUNTS.
      3.10.2. REDUCE THE EXPOSURE OF FERTILIZERS TO STORM WATER RUN OFF BY WORKING THE FERTILIZER INTO THE SOIL.
      3.10.3. APPLY FERTILIZER MORE FREQUENTLY BUT AT A LOWER APPLICATION RATE.
4. EROSION AND SEDIMENT CONTROL PRACTICES, IMPLEMENTATION SCHEDULE

PRACTICE	INITIAL PLACEMENT	DURATION
SILT FENCE	PRIOR TO EARTH DISTURBANCE & IMMEDIATELY UPON STOCK–PILING OF SOIL STOCKPILES	UNTIL SITE STABILIZATION & UNTIL REMOVAL OF STOCK PILE
DUST CONTROL	UPON COMMENCEMENT OF SITE DISTURBANCE	UNTIL SITE STABILIZATION
VEHICLE WASHING	UPON COMMENCEMENT OF SITE DISTURBANCE	UNTIL SITE STABILIZATION
STABILIZED CONSTRUCTION ENTRANCE	PRIOR TO SITE DISTURBANCE	UNTIL SITE STABILIZATION
INLET PROTECTION	PRIOR TO EARTH DISTURBANCE	UNTIL SITE STABILIZATION
CONCRETE WASHOUT	UPON COMMENCEMENT OF CONCRETE ACTIVITIES	COMPLETION OF CONCRETE ACTIVITIES

5. EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE SCHEDULE
   5.1. INSPECT THE SILT FENCE AND CONSTRUCTION FENCE SURROUNDING SENSITIVE AREAS (I.E. WETLANDS) ON A N