

GENERAL NOTES:

- 1. EXISTING BOUNDARY, UTILITY, AND TOPOGRAPHIC INFORMATION FOR THE SITE OBTAINED FROM PLANS ENTITLED 'ALTANS'S LAND TITLE SURVEY' FOR BRIDGE POINT INDUSTRIAL PARK PREPARED BY LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, DATED 11/12/2021. PROPOSED BOUNDARY INFORMATION FOR THE SITE OBTAINED FROM PLANS ENTITLED 'PRELIMINARY AND FINAL MAJOR SUBDIVISION BRIDGE POINT INDUSTRIAL PARK' PREPARED BY LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, DATED 11/12/2021.
2. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO THE NEW JERSEY STATE PLANE COORDINATE SYSTEM NAD 83 (2011) CONFIRMED USING SURVEY-GRADE GNSS EQUIPMENT.
3. ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVOD88) DERIVED USING SURVEY-GRADE GNSS EQUIPMENT.
4. ALL OR A PORTION OF THIS SITE LIES IN THE FLOOD HAZARD AREA. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND USE REGULATION AT (609) 292-0060 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON SITE.
5. THE EXTENTS OF THE FLOOD HAZARD AREA WERE DETERMINED USING THE NIDEP METHOD 3 (FEMA FLUVAL METHOD) AND METHOD 6 (CALCULATION METHOD) PER FHA 1113-10-0001.2, PENDING NIDEP CONFIRMATION.
6. LOCATION OF FRESHWATER WETLANDS AND BUFFERS PER NIDEP FRESHWATER WETLANDS LETTER OF INTERPRETATIONS, LINE VERIFICATION (FILE NUMBER 1113-10-0001.1, FWM50001).
7. THE CONTRACTOR SHALL FURNISH, INSTALL, TEST AND COMPLETE ALL WORK TO THE SATISFACTION OF THE ENGINEER AND OWNER IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION, AS SUCH, THESE PLANS DO NOT COMPLETELY REPRESENT, NOR ARE THEY INTENDED TO REPRESENT, ALL SPECIFIC INSTRUCTIONS REQUIRED FOR SITEWORK CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO CONSTRUCT ALL IMPROVEMENTS DEPICTED ON THESE PLANS IN ACCORDANCE WITH ALL APPLICABLE RULES, REGULATIONS AND LAWS IN EFFECT AT THE TIME OF CONSTRUCTION.
8. THE CONTRACTOR SHALL ACCEPT THE SITE AS IS. THE CONTRACTOR SHALL ASSESS CONDITIONS, AND THE KIND, QUALITY AND QUANTITY OF WORK REQUIRED. THE OWNER AND ENGINEER MAKE NO GUARANTEE IN REGARD TO THE ACCURACY OF ANY INFORMATION THAT WAS OBTAINED DURING INVESTIGATIONS. THE CONTRACTOR SHALL MAKE A THOROUGH SITE INSPECTION IN ORDER TO FIELD CHECK EXISTING SITE CONDITIONS, CORRELATE CONDITIONS WITH THE DRAWINGS; AND, RESOLVE ANY POSSIBLE CONSTRUCTION CONFLICTS WITH THE OWNER AND ENGINEER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL PERFORM ADDITIONAL TOPOGRAPHIC SURVEYS HE/SH SHE DEEMS NECESSARY, PROVIDED THEY ARE COORDINATED WITH THE OWNER. ANY CONDITIONS DETERMINED BY THE CONTRACTOR THAT DIFFER FROM THE INFORMATION SHOWN ON THE DRAWINGS THAT ARE NOT BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER PRIOR TO THE START OF WORK SHALL NOT BE CONSIDERED AS UNDISCOVERED GROUNDS FOR ADDITIONAL PAYMENT OR CHANGES TO THE CONTRACT DURATION, OR ANY OTHER CLAIMS AGAINST THE OWNER OR OWNER'S ENGINEER.
9. THE CONTRACTOR SHALL, WHEN HE/SH SHE DEEMS NECESSARY, PROVIDE A WRITTEN REQUEST FOR INFORMATION (RFI) TO THE OWNER AND/OR OWNER'S DESIGNATED REPRESENTATIVE, AND ENGINEER PRIOR TO THE CONSTRUCTION OF ANY SPECIFIC SITEWORK ITEM. THE RFI SHALL BE IN A FORM ACCEPTABLE TO OWNER AND/OR OWNER'S DESIGNATED REPRESENTATIVE, AND ENGINEER. THE RFI SHALL BE NUMBERED CONSECUTIVELY BY DATE SUBMITTED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITEWORK ITEMS CONSTRUCTED DIFFERENTLY THAN INTENDED OR AS DEPICTED ON THE PLANS.
10. INFORMATION RELATED TO ELEVATIONS AND PROPOSED UTILITIES (SUCH AS ROADWAY GRADES, INVERT ELEVATIONS, RIM ELEVATIONS, GRATE ELEVATIONS, BUILDING FINISHES, ETC.) MAY BE FOUND IN MORE THAN ONE LOCATION IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL SUFFICIENTLY REVIEW ALL PLANS, PROFILES AND TO ANY OTHER INFORMATION IN THE CONTRACT DOCUMENTS FOR CONSISTENCY PRIOR TO BID. ANY INCONSISTENCIES OR DISCREPANCIES THAT ARE FOUND BY THE CONTRACTOR OR HIS ASSIGNS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IN WRITING, IN THE FORMAT OF AN RFI PRIOR TO BID.
11. THERE ARE ADDITIONAL NOTES, SPECIFICATIONS AND REQUIREMENTS CONTAINED THROUGHOUT THE PLAN SET AS WELL AS REFERENCES TO SPECIFICATIONS FROM APPLICABLE GOVERNING AUTHORITIES AND INDUSTRY STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN, REVIEW AND ADHERE TO ALL THESE DOCUMENTS.
12. CONTRACTOR IS SPECIFICALLY CAUTIONED THAT ALL CONSTRUCTION TAKEOUT FOR THIS SITE MUST BE COMPLETED FROM THE CONSTRUCTION TAKEOUT POINT CONTROL (HORIZONTAL AND VERTICAL) UPON WHICH THE DESIGN IS BASED. THE CONTRACTOR SHOULD NOT RELY ON OR RE-ESTABLISH SURVEY CONTROL BY GPS OR OTHER METHODS FOR USE IN CONSTRUCTION TAKEOUT OR ANY OTHER PURPOSE FOR THIS PROJECT. ANY DISCREPANCIES BETWEEN THE DESIGN AND THE HORIZONTAL OR VERTICAL DATA SHOWN ON THESE DRAWINGS AND THAT ENCOUNTERED IN THE FIELD MUST BE REPORTED TO THE DESIGN TEAM PRIOR TO CONSTRUCTION FOR RESOLUTION.

DEMOLITION NOTES:

- 1. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OR REMOVAL OPERATIONS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK AND REPORT SUCH FINDINGS TO THE OWNER.
2. THE APPLICANT SHALL COORDINATE DRAINAGE REPAIRS, CASTING REPLACEMENT, AND STRIPING WITH THE TOWNSHIP ENGINEER DURING CONSTRUCTION.
3. CONTRACTOR SHALL PROTECT EXISTING UTILITIES TO REMAIN DURING SAWCUTTING, DEMOLITION AND SITE CONSTRUCTION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION OF EXISTING CURBS AND MILLING OF PAVEMENT WITHIN THE CONSTRUCTION WORK AREA LIMITS NECESSARY TO COMPLETE WORK AND IN ACCORDANCE WITH THE SITE CONSTRUCTION SPECIFICATIONS.
5. CONTRACTOR SHALL LOCATE EXISTING GAS LINES PRIOR TO ANY WORK.
6. CONTRACTOR IS REQUIRED TO PERFORM ALL ON-SITE DEMOLITION REQUIRED TO CONSTRUCT THE PROJECT AS ILLUSTRATED IN CONSTRUCTION DRAWINGS.
7. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON VARIOUS RECORDS AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING COMPLETE OR EXACT. THE CONTRACTOR MUST NOTIFY ALL APPROPRIATE UTILITY COMPANIES BEFORE ANY DEMOLITION OR EXCAVATION.
8. ALL DEMOLITION WORK TO BE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
9. THE CONTRACTOR SHALL INSPECT THE SITE THOROUGHLY AND FIELD-VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES. CONTRACTORS USING THESE PLANS FOR DEMOLITION OR CONSTRUCTION SHALL CONFIRM ALL UTILITIES IN THE FIELD TO ESTABLISH LOCATIONS, SIZES, MATERIALS, AND ELEVATIONS. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE ENGINEER.
10. THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL TEMPORARY FACILITIES AND SERVICES NECESSARY TO SATISFY FEDERAL, STATE, AND LOCAL REQUIREMENTS INCLUDING BUT NOT NECESSARILY LIMITED TO BRACING, SHORING, PAVEMENT REPAIR, FENCING, PEDESTRIAN AND VEHICLE ACCESS, ETC.
11. CONTRACTOR TO INSTALL APPROVED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO THE START OF WORK.
12. CONTRACTOR TO NOTIFY THE TOWNSHIP ENGINEER AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY DEMOLITION-ASSOCIATED PERMITS.
14. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES, INCLUDING BUT NOT LIMITED TO SIGNS, LIGHTS, FENCES, BARRIERS, AND PEDESTRIAN AND TRAFFIC CONTROL MEASURES.
15. ALL UTILITY SERVICES TO BE REMOVED/RELOCATED BY THE CONTRACTOR SHALL BE TERMINATED AND CERTIFIED PRIOR TO THE START OF THE DEMOLITION WORK. CONTRACTOR IS TO CONTACT THE APPROPRIATE UTILITY COMPANIES FOR ALL WORK WITH EXISTING UTILITIES.
16. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY UNEXPECTED UNDERGROUND UTILITY SYSTEMS, INCLUDING UNDERGROUND STORAGE TANKS, ARE ENCOUNTERED.

DEMOLITION NOTES CONTINUED:

- 17. THE CONTRACTOR SHALL REMOVE AND PROPERLY BACKFILL UNDERGROUND UTILITIES AND STORM DRAINS AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE UPSTREAM SOURCE, IF APPLICABLE, FOR ALL UTILITIES TO BE REMOVED OR RELOCATED. THE CONTRACTOR SHALL MAINTAIN ANY UPSTREAM EXISTING UTILITIES TO REMAIN UNTIL THE RELOCATED SERVICE HAS BEEN INSTALLED.
18. SOIL MATERIAL REMOVAL (EXCLUDING DEMOLITION DEBRIS, PAVEMENT, UTILITY PIPING, ETC.) MAY BE REQUIRED. IF SOIL MATERIAL DISPOSAL IS REQUIRED, DISPOSAL TO BE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
19. DURING DEMOLITION AND DEBRIS REMOVAL OPERATIONS, CONTRACTOR SHALL CONTINUALLY USE WATER SPRINKLING AND OTHER SUITABLE METHODS TO MINIMIZE THE AMOUNT OF DUST AND DIRT, RISING AND SCATTERING IN THE AIR, TO THE LOWEST PRACTICAL LEVEL POSSIBLE.
20. TREES TO BE REMOVED SHALL HAVE STUMPS GROUND AND REMOVED IN THEIR ENTIRETY. ROOTS SHALL ALSO BE FULLY REMOVED. STUMP AND ROOT DEBRIS SHALL BE REMOVED FOR THE SITE AND THE HOLE SHALL BE BACKFILLED WITH APPROVED COMPACTED FILL.
21. CONTRACTOR TO VERIFY EXTENTS OF UTILITY DEMOLITION WITH UTILITY OWNERS. IF NEEDED, CONTRACTOR SHALL PROVIDE TEMPORARY UTILITY LINES TO IMPACTED BUILDINGS DURING UTILITY INSTALLATION/DEMOLITION WORK. UTILITY SERVICE TO EXISTING BUILDINGS TO REMAIN SHALL NOT BE DISRUPTED.

GRADING AND DRAINAGE NOTES:

- 1. ALL EXISTING FRAMES, COVERS, AND GRATES IN AREAS WHERE GRADES WILL BE REVISED BY FILLING OR CUTTING, OR PAVEMENT OVERLAY, MUST BE RESET TO MATCH FINAL GRADE (THIS INCLUDES MANHOLES, HANDHOLES, VALVE BOXES, INLETS, ETC.) IN AREAS OF CUT, CONTRACTOR SHALL PROVIDE REQUIRED COVERAGE OF UTILITY AND STORMWATER LINES AS SPECIFIED BY THE UTILITY PURVEYOR.
2. PROPOSED STORMWATER PIPING TRENCHES MAY REQUIRE OVER EXCAVATION IN AREAS NOT CAPABLE OF SUPPORTING THE PROPOSED SYSTEMS. STABILIZATION WITH APPROVED BEDDING MATERIALS WILL BE REQUIRED.
3. CONTRACTOR IS RESPONSIBLE FOR LOCATING UTILITY CROSSINGS AND PROVIDING UTILITY DROPS AS REQUIRED. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF CROSSING CONFLICT OCCURS.
4. GRADING FOR ADA ACCESSIBLE ROUTES, RAMPS, PARKING AND LOADING SHALL BE IN ACCORDANCE WITH THE NEW JERSEY AMERICAN WITH DISABILITIES ACT ARCHITECTURAL BARRIER REMOVAL AND COMPLIANCE MANUAL. MAXIMUM SLOPES INCLUDE (1) RAMPS - 1:12, (2) ROUTES - 1:20, (3) ROUTES CROSS-SLOPE - 1:50 AND (4) PARKING AND LOADING AREAS - 1:50. ALL SLOPES IN ADA COMPLIANT AREAS ARE TO BE VERIFIED PRIOR TO BEING PAVED OR POURED.
5. TEST PITS WILL BE REQUIRED TO CONFIRM ADEQUATE CLEAR DISTANCES BETWEEN PROPOSED AND EXISTING UTILITIES. TEST PITS SHALL BE PERFORMED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
6. STRUCTURES SHOWN ON THESE DRAWINGS INCLUDE, BUT ARE NOT LIMITED TO: DRAINAGE STRUCTURES (INLETS, CATCH BASINS AND MANHOLES), SANITARY MANHOLES, METER PITS AND UNDERGROUND VAULTS ARE NOT STRUCTURALLY DESIGNED. THE DETAILS PROVIDE TYPICAL DIMENSIONS, LOCATIONS OF PIPE PENETRATIONS, PIPE INVERTS AND GROUND ELEVATIONS AT THE STRUCTURE RIM OR GRATE ONLY. THE STRUCTURAL DESIGN INCLUDING WALL AND SLAB THICKNESS AS WELL AS REINFORCING SHALL BE THE RESPONSIBILITY OF THE PRECAST MANUFACTURER TO MEET STATE DEPARTMENT OF TRANSPORTATION STANDARDS AND HS-20 LOADING REQUIREMENTS WHEN POSITIONED IN TRAVEL VAYS.
7. ALL GRADING, DRAINAGE, AND UTILITY INSTALLATION AND/OR CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL REQUIREMENTS.
8. GRADE ALL AREAS OTHER THAN PAVED GRADED AREAS AND BUILDINGS, INCLUDING EXCAVATED AREAS, FILLED AND TRANSITION AREAS, AND LANDSCAPED AREAS TO FINISH GRADE ELEVATIONS OR CONTOURS AS INDICATED ON DRAWINGS. FINISHED SUBGRADE SURFACE SHALL BE UNIFORM AND SMOOTH, FREE FROM ROCK, DEBRIS, OR IRREGULAR SURFACE CHANGES. SITE SHALL BE GRADED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONDING AND IN A MANNER THAT WILL MINIMIZE EROSION POTENTIAL.
9. SITE GRADING SHALL NOT PROCEED UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
10. LENGTHS OF STORM PIPES SHOWN ARE CENTER-TO-CENTER LENGTHS BETWEEN DRAINAGE STRUCTURES.
11. CONTRACTOR SHALL REVIEW ALL DRAINAGE CONNECTIONS TO MANHOLES AND CATCH BASINS AND INCREASE THE INLET BOX SIZES AS NECESSARY TO ACCOMMODATE THE PROPOSED INLET AND OUTLET PIPES.
12. ALL GRADING IS TO PROMOTE POSITIVE DRAINAGE AWAY FROM THE BUILDING.
13. PROVIDE BICYCLE SAFE GRATES ON ALL STORM SEWER INLETS.
14. COORDINATE FINAL SIZE, MATERIAL AND LOCATION OF ROOF LEADERS WITH ARCHITECTURAL DRAWINGS.

UTILITY NOTES:

- 1. ALL WATER MAINS AND SANITARY OR INDUSTRIAL SEWER LINES SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 10 FEET. IF SUCH LATERAL SEPARATION IS NOT POSSIBLE, THE WATER AND SEWER LINES SHALL BE IN SEPARATE TRENCHES (STEP TRENCHES ARE PROHIBITED) WITH THE TOP OF THE SEWER LINE AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN. AT CROSSINGS OF SEWER LINES AND WATER MAINS, THE TOP OF THE SEWER LINES SHALL BE AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN. IF SUCH VERTICAL SEPARATION IS NOT POSSIBLE, A CONCRETE CRADLE SHALL BE INSTALLED.
2. THE TOWNSHIP ENGINEER AND WEST WINDSOR DEPARTMENT OF PUBLIC WORKS SHALL BE NOTIFIED IN ADVANCE OF SEWER INSTALLATION. NO SEWERS SHALL BE INSTALLED WITHOUT INSPECTION BY THE TOWNSHIP ENGINEER AND WEST WINDSOR DEPARTMENT OF PUBLIC WORKS.
3. SIZE AND LOCATION OF ALL PROPOSED FIRE AND DOMESTIC WATER SERVICES SHOWN SHALL BE ADJUSTED BASED ON THE RESULTS OF FIRE FLOW TESTS, MEP DESIGN, AND WATER COMPANY REQUIREMENTS.
4. CONTRACTOR SHALL COORDINATE FIRE HYDRANT TYPES, COLORS, AND LOCATIONS WITH THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
5. CONTRACTOR SHALL COORDINATE UTILITY CONSTRUCTION WITH TOWNSHIP TO SCHEDULE, NOTIFY, AND IMPLEMENT TEMPORARY ROAD CLOSINGS, IF NECESSARY.
6. ALL SEWER WORK SHALL BE DONE IN ACCORDANCE WITH TOWNSHIP OF WEST WINDSOR DEPARTMENT OF PUBLIC WORKS RULES AND REGULATIONS AND STANDARD DETAILS.
7. AFTER CONNECTION AND BEFORE FINAL ACCEPTANCE BY THE AUTHORITY, AS-BUILT PLANS SHALL BE PROVIDED BY THE APPLICANT.
8. ALL PROPOSED UTILITIES SHALL BE INSTALLED UNDERGROUND.
9. PER THE MODEL STATEWIDE MUNICIPAL ELECTRIC VEHICLE (EV) ORDINANCE PUBLISHED BY THE NEW JERSEY DEPARTMENT OF COMMUNITY AFFAIRS, AT LEAST 4% OF THE TOTAL NUMBER OF PARKING SPACES SHALL BE MAKE-READY PER THE STANDARDS IN THE ORDINANCE.

SOILS NOTES:

- 1. REFER TO SHEETS CE100-CE114 FOR SOIL TYPES WITHIN THE SITE.
2. SEE SHEETS CE601 AND CE602 FOR SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS.
3. RESTORE AND MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE AT ALL ACCESS POINTS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR STREET SWEEPING ANY ROAD WHERE SEDIMENT IS TRACKED ONTO, ALL SURROUNDING STREETS, SIDEWALKS, AND PARKING AREAS SHALL BE CLEANED OF DIRT, MUD, OR DEBRIS ON A DAILY BASIS DURING CONSTRUCTION.
5. CONTRACTOR TO PROVIDE SILT FENCE AND CONSTRUCTION ENTRANCE AS NECESSARY TO PREVENT SEDIMENT FROM ENTERING THE SURROUNDING STORM SYSTEM.
7. CONTRACTOR TO INSTALL A TEMPORARY CHAIN LINK FENCE AS NECESSARY TO PROVIDE A SAFE WORK SITE. CONTRACTOR IS RESPONSIBLE FOR SAFE PEDESTRIAN ACCESS THROUGHOUT CONSTRUCTION. CONTRACTOR TO RELOCATE TEMPORARY CONSTRUCTION FENCE AS NECESSARY TO ACCOMMODATE WORK THROUGHOUT THE PROJECT.

MERCER COUNTY SOIL EROSION AND SEDIMENT CONTROL NOTES:

- 1. THE MERCER COUNTY SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED 48 HOURS PRIOR TO STARTING LAND DISTURBANCE ACTIVITY. NOTICE MAY BE MAILED, FAXED OR EMAILED TO:
MCSDD, 590 HUGHES DRIVE, HAMILTON SQUARE, NJ 08690
PHONE: 609-586-9603 FAX: 609-586-1117 EMAIL: PAULS1MERCER@aol.com
2. IF APPLICABLE TO THIS PROJECT, THE OWNER SHOULD BE AWARE OF HIS OR HER OBLIGATION TO FILE FOR A NJPDES CONSTRUCTION ACTIVITY STORMWATER 503 PERMIT (NJG0088232) VIA THE NJDEP ONLINE PERMITTING SYSTEM (WWW.NJ.GOV/DEPNLINE) AND TO MAINTAIN THE ASSOCIATED BEST MANAGEMENT PRACTICES AND STORMWATER POLLUTION PREVENTION PLAN SELF-INSPECTION LOGBOOK ONSITE AT ALL TIMES. THIS PERMIT MUST BE FILED PRIOR TO THE START OF SOIL DISTURBANCE. THE ONLINE APPLICATION PROCESS WILL REQUIRE ENTRY OF AN SCD CERTIFICATION CODE, WHICH IS PROVIDED BY THE SOIL CONSERVATION DISTRICT UPON CERTIFICATION OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
3. THE MERCER COUNTY SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED OF ANY CHANGES IN OWNERSHIP.
4. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, INCLUDING AN INCREASE IN THE LIMIT OF DISTURBANCE, WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE DISTRICT FOR RECERTIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT STATE SOIL EROSION & SEDIMENT CONTROL STANDARDS.
5. A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES.
6. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES, OR IN THEIR PROPER SEQUENCE AS OUTLINED WITHIN THE SEQUENCE OF CONSTRUCTION ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NJ. IF LANGUAGE CONTAINED WITHIN ANY OTHER PERMIT FOR THIS PROJECT IS MORE RESTRICTIVE THAN THAT SET FORTH (NOT CONTRADICTORY TO) WHAT IS CONTAINED WITHIN THESE NOTES OR ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, THEN THE MORE RESTRICTIVE PERMIT REQUIREMENTS SHALL BE FOLLOWED.
8. THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS REQUIRES THE INSTALLATION OF A 1 1/2" TO 2 1/2" CLEAN STONE TRACKING PAD AT ALL CONSTRUCTION DRIVEWAYS IMMEDIATELY AFTER INITIAL SITE DISTURBANCE. WHETHER IDENTIFIED ON THE CERTIFIED PLAN OR NOT, THE PAD SHALL SPAN THE FULL WIDTH OF EGRESS, AND LENGTH SHALL BE 90 FT. OR MORE, DEPENDING ON SITE CONDITIONS AND AS REQUIRED BY THE STANDARD. THIS SHALL INCLUDE INDIVIDUAL LOT ACCESS POINTS WITHIN RESIDENTIAL SUBDIVISIONS. IF THE EGRESS IS TO A COUNTY ROAD, THEN A 20 FT. LONG PAVED TRANSITION SHALL BE PROVIDED BETWEEN THE EDGE OF PAVEMENT AND THE STONE ACCESS PAD.
9. A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUB-BASE SHALL BE INSTALLED WITHIN 15 DAYS OF PRELIMINARY GRADING, PROVIDED THAT ALL OTHER REQUIREMENTS RELATED TO STABILIZATION, SWALES, AND THE SEQUENCE OF CONSTRUCTION HAVE BEEN MET.
10. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 14 DAYS AND NOT SUBJECT TO CONSTRUCTION ACTIVITY WILL IMMEDIATELY RECEIVE TEMPORARY STABILIZATION. IF THE SEASON PREVENTS ESTABLISHMENT OF TEMPORARY VEGETATIVE COVER, OR IF THE AREA IS NOT EQUIVALENT, THEN THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS. SLOPED AREAS IN EXCESS OF 3H:1V SHALL BE PROVIDED WITH EROSION CONTROL BLANKETS. CRITICAL AREAS SUBJECT TO EROSION I.E. STEEP SLOPES, ROADWAY EMBANKMENTS, ENVIRONMENTALLY SENSITIVE AREAS WILL RECEIVE TEMPORARY STABILIZATION IMMEDIATELY AFTER AN INITIAL DISTURBANCE OR ROUGH GRADING.
11. ANY STEEP SLOPES (I.E. SLOPES GREATER THAN 3:1) RECEIVING PIPELINE OR UTILITY INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS.
12. PERMANENT VEGETATION SHALL BE SEEDED OR SODED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING AND TOPSOILING. ALL AGRONOMIC REQUIREMENTS CONTAINED WITHIN THE STANDARDS AND ON THE CERTIFIED PLAN SHALL BE EMPLOYED. MULCH WITH A BINDER, IN ACCORDANCE WITH THE STANDARDS, SHALL BE USED ON ALL SEEDER AREAS. SAVE ALL TAGS AND/OR BAGS USED FOR SEED, LIME, AND FERTILIZER, AND PROVIDE THEM TO THE DISTRICT INSPECTOR TO VERIFY THAT MIXTURES AND RATES MEET THE STANDARDS.
13. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS COMPLETED, ANY SOIL THAT IS NOT PROVIDED A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL DOES NOT PROVIDE SUITABLE CONDITIONS, THEN NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
14. DURING THE COURSE OF CONSTRUCTION, SOIL COMPACTION MAY OCCUR WITHIN HAUL ROUTES, STAGING AREAS, AND OTHER PROJECT AREAS. IN ACCORDANCE WITH THE STANDARD FOR TOPSOILING, COMPACTED SURFACES SHOULD BE SCARIFIED 6" TO 12" IMMEDIATELY PRIOR TO TOPSOIL APPLICATION. THIS WILL HELP ENSURE A GOOD BOND BETWEEN THE TOPSOIL AND SUBSOIL. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).
15. PRIOR TO SEEDING, TOPSOIL SHALL BE WORKED TO PREPARE A PROPER SEEDBED. THIS SHALL INCLUDE RAKING OF THE TOPSOIL AND REMOVAL OF DEBRIS AND STONES, ALONG WITH OTHER REQUIREMENTS OF THE STANDARD FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION.
16. IN ACCORDANCE WITH THE STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, ANY SOIL HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE BURIED WITH LIMESTONE IN ACCORDANCE WITH THE STANDARD AND BE COVERED WITH A MINIMUM OF 12" OF SOIL HAVING A PH OF 5 OR MORE PRIOR TO TOPSOIL APPLICATION AND SEEDBED PREPARATION. IF THE AREA IS TO RECEIVE TREE OR SHRUB PLANTINGS OR IS LOCATED ON A SLOPE, THEN THE AREA SHALL BE COVERED WITH A MINIMUM OF 24" OF SOIL HAVING A PH OF 5 OR MORE.
17. MULCHING TO THE STANDARDS IS REQUIRED FOR OBTAINING A CONDITIONAL PERMIT OF COMPLIANCE. CONDITIONAL ROCS ARE ONLY ISSUED WHEN THE SEASON PROHIBITS SEEDING. PERMANENT STABILIZATION MUST THEN BE COMPLETED DURING THE OPTIMUM SEEDING SEASON IMMEDIATELY FOLLOWING THE CONDITIONAL ROC OR THE COMPLETION OF WORK IN A GIVEN AREA.
18. HYDROSEEDING IS A TWO-STEP PROCESS. THE FIRST STEP INCLUDES SEED, FERTILIZER, LIME, ETC., ALONG WITH MINIMAL AMOUNTS OF MULCH TO PROMOTE CONSISTENCY, GOOD SEED-TO-SOIL CONTACT, AND GIVE A VISUAL INDICATION OF COVERAGE. UPON COMPLETION OF THE SEEDING OPERATION, HYDRO-MULCH SHOULD BE APPLIED AT A MINIMUM RATE OF 1500 LBS. PER ACRE IN THE SECOND STEP. THE USE OF HYDRO-MULCH, AS OPPOSED TO STRAW, IS LIMITED TO OPTIMUM SEEDING DATES AS LISTED IN THE STANDARDS. THE USE OF HYDROMULCH ON SLOPED AREAS IS DISCOURAGED.
19. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL ADJACENT ROADS CLEAN DURING THE LIFE OF THE CONSTRUCTION PROJECT. ALL SEDIMENT WASHED, DROPPED, TRACKED OR SPILLED ONTO PAVED SURFACES SHALL BE IMMEDIATELY REMOVED.
20. THE DEVELOPER SHALL BE RESPONSIBLE FOR REMEDIATING ANY EROSION OR SEDIMENT PROBLEMS THAT ARISE AS A RESULT OF ONGOING CONSTRUCTION, AND FOR EMPLOYING ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AT THE REQUEST OF THE MERCER COUNTY SOIL CONSERVATION DISTRICT.
21. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.
22. ALL DETENTION / RETENTION BASINS MUST BE FULLY CONSTRUCTED (INCLUDING OF ALL STRUCTURAL COMPONENTS AND LINERS) AND PERMANENTLY STABILIZED PRIOR TO PAVING OR PRIOR TO THE ADDITION OF ANY IMPERVIOUS SURFACES. PERMANENT STABILIZATION INCLUDES, BUT MAY NOT BE LIMITED TO, TOPSOIL, SEED, STRAW MULCH AND BINDERS OR EROSION CONTROL BLANKETS ON ALL SEEDING. ALL AGRONOMIC REQUIREMENTS AS SPECIFIED ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, INSTALLATION OF THE OUTFLOW CONTROL STRUCTURES AND DISCHARGE STORM DRAINAGE PIPING, LOW FLOW CHANNELS, CONDUIT OUTLET PROTECTION, EROSION SPILLWAYS, AND LAP RING PROTECTION.
23. THE RIDING SURFACE OF ALL UTILITY TRENCHES WITHIN PAVED AREAS SHALL BE 3/4" CLEAN STONE OR BASE PAVEMENT UNTIL SUCH TIME AS FINAL PAVEMENT HAS BEEN INSTALLED. TEMPORARY SOIL RIND SURFACES ARE PROHIBITED. ALL CONSTRUCTION DEWATERING (TRENCHES, EXCAVATIONS, ETC.) MUST BE DONE THROUGH AN INLET OR OUTLET FILTER IN ACCORDANCE WITH THE STANDARD FOR DEWATERING OR AS DEPICTED ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN. DISCHARGE LOCATIONS FOR THE DEWATERING OPERATION MUST CONTAIN PERENNIAL VEGETATION OR A SIMILAR STABLE SURFACE.

MERCER COUNTY SOIL EROSION AND SEDIMENT CONTROL NOTES CONTINUED:

- 24. ALL CONSTRUCTION DEWATERING (TRENCHES, EXCAVATIONS, ETC.) MUST BE DONE THROUGH AN INLET OR OUTLET FILTER IN ACCORDANCE WITH THE STANDARD FOR DEWATERING OR AS DEPICTED ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN. DISCHARGE LOCATIONS FOR THE DEWATERING OPERATION MUST CONTAIN PERENNIAL VEGETATION OR SIMILAR STABLE SURFACE.
25. ALL SWALES OR CHANNELS THAT WILL RECEIVE RUNOFF FROM PAVED SURFACES MUST BE PERMANENTLY STABILIZED PRIOR TO THE INSTALLATION OF PAVEMENT. IF THE SEASON PROHIBITS THE ESTABLISHMENT OF PERMANENT STABILIZATION, THE SWALES OR CHANNELS MAY BE TEMPORARILY STABILIZED IN ACCORDANCE WITH THE STANDARDS.
26. NJSA 4:24-39 ET SEQ. REQUIRES THAT NO CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY BE ISSUED BY THE MUNICIPALITY BEFORE THE PROVISIONS OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN SATISFIED. THEREFORE, ALL SITE WORK FOR SITE PLANS AND ALL WORK AROUND INDIVIDUAL LOTS IN SUBDIVISIONS MUST BE COMPLETED BEFORE THE DISTRICT ISSUES A REPORT OF COMPLIANCE OR CONDITIONAL REPORT OF COMPLIANCE, WHICH MUST BE FORWARDED TO THE MUNICIPALITY PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY, RESPECTIVELY.
MERCER COUNTY SOIL CONSERVATION DISTRICT
590 HUGHES DRIVE
HAMILTON SQUARE, N.J. 08690

CERTIFIED PROPERTY OWNER'S LIST WITHIN 200 FT OF BLOCK 8, LOTS 1, 2, 3, 16, 20, 28, 32.01, 39, 40, 41, 45, 46, & 49 AND BLOCK 15.14, LOTS 18, 19, 20, 22, & 75: WEST WINDSOR TOWNSHIP (PER THE TOWNSHIP OF WEST WINDSOR TAX ASSESSOR OFFICE DATED 10/25/2021)

Table with columns: Block, Lot, Name, Address. Lists property owners and their addresses within the specified blocks and lots.

CERTIFIED PROPERTY OWNER'S LIST WITHIN 200 FT OF BLOCK 8, LOTS 1, 2, 3, 16, 20, 28, 32.01, 39, 40, 41, 45, 46, & 49 AND BLOCK 15.14, LOTS 18, 19, 20, 22, & 75: LAWRENCE TOWNSHIP (PER THE TOWNSHIP OF LAWRENCE ENGINEERING DEPARTMENT DATED 11/8/2021)

Table with columns: Block, Lot, Owner, Street, Town/State, Zip. Lists property owners and their addresses within the specified blocks and lots in Lawrence Township.

UTILITIES: LAWRENCE TOWNSHIP. Lists utility providers including Public Service Electric and Gas Co., RW Corporation, EWING-Lawrence Sewerage Authority, NJ American Water, Elizabethtown Gas Company, Trenton Water Works, Verizon, AOLA Water Company, and Comcast Cablevision.

UTILITIES: WEST WINDSOR TOWNSHIP. Lists utility providers including Public Service Electric and Gas Co., NJ American Water Company Inc., JCP&L Real Estate, Verizon-NJ C/O Wireline Engineering, and Mercer City Dept. of Transportation.

Table with columns: Date, Description, Revisions, No. Shows revision dates and counts.

REVISIONS section with a signature line for Christian Roche, dated 11/12/2021, and the Langan Engineering and Environmental Services, Inc. logo and contact information.

Project information section including Project No. 130172801, Drawing No. CS002, and Project Name BRIDGE POINT 8 INDUSTRIAL PARK.

GENERAL NOTES section with Project No. 130172801, Drawing No. CS002, Date 11/12/2021, and Checked By CMR.