

REFERENCE AND BASE INFORMATION USE OF PLANS STORMWATER POLLUTION PREVENTION PLAN (SPPP) WASTE CONTROL COMPONENT STORM SEWER LIGHTING NOTES LEGEND

1. ALL PROPOSED WORK SHOWN LIES WITHIN THE BOROUGH OF RARITAN, SOMERSET COUNTY, NEW JERSEY.

2. BOUNDARY INFORMATION SHOWN IS BASED ON "BOUNDARY & TOPOGRAPHIC SURVEY FOR BLOCK 2, LOTS 3,01, 6,01, 7, 8, 9, 11, 12, 16, 17, TO THE SANITARY SEWER, SOMERSET COUNTY, NEW JERSEY, DATED 05/08/2019 PREPARED BY PAULUS, SOKOLOWSKI AND SARTOR, LLC."

3. HORIZONTAL CONTROL IS BASED ON NAD 1983. VERTICAL CONTROL IS BASED ON NAVD 1988.

4. TOPOGRAPHIC INFORMATION SHOWN IS BASED ON "TOPOGRAPHIC SURVEY FOR BLOCK 2, LOTS 16 & 17, BOROUGH OF RARITAN, SOMERSET COUNTY, NEW JERSEY, DATED FEBRUARY 22, 2022, PREPARED BY PAULUS, SOKOLOWSKI AND SARTOR, LLC."

5. EXCEPT WHERE SPECIFICALLY NOTED, EXISTING FEATURES ARE SHOWN IN HALF TONE AND PROPOSED FEATURES ARE SHOWN IN FULL TONE.

1. UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRICTIVE", THESE DRAWINGS OR THE INFORMATION CONTAINED HEREIN SHALL NOT BE USED FOR CONSTRUCTION. CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCTION DOCUMENTS.

2. ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOWSKI AND SARTOR OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN THE CONTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION.

3. INFORMATION FOR DESIGN LAYOUT IS CONTAINED SOLELY IN THE WRITTEN DIMENSIONS, BEARINGS, AND ANGLES CONTAINED ON THE DRAWINGS. DO NOT SCALE THE DRAWINGS TO DETERMINE DIMENSIONS.

4. THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOTED PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF THIS PROJECT OR FOR REUSE ON ANY OTHER PROJECT. THE COPYING AND/OR MODIFICATION OF THIS DOCUMENT OR ANY OTHER PORTION THEREOF WITHOUT THE WRITTEN PERMISSION OF PAULUS, SOKOLOWSKI, AND SARTOR IS PROHIBITED.

5. THIS DIMENSIONAL INFORMATION IS NOT WARRANTED NOR SHOULD IT BE CONSIDERED AS COMPLETE FOR EVERY ASPECT OF THE LAYOUT. STANDARD PRACTICE REQUIRES THAT THE LAYOUT PERSON CHECK THE DIMENSIONAL DATA CONSISTENCY AND TO MAKE SURVEY CALCULATIONS WHICH ARE CUSTOMARY FOR CONSTRUCTION LAYOUT. IN THE EVENT A QUESTION OR INCONSISTENCY IS DISCOVERED, THE USER SHOULD IMMEDIATELY NOTIFY THE ENGINEER OF RECORD.

6. THE GRAPHICAL INFORMATION CONTAINED IN ELECTRONIC FILES IS INTENDED AS DRAWING DATA ONLY. IT IS NOT INTENDED TO SERVE AS SURVEY LAYOUT DATA.

7. ALL SITEWORK UTILITIES TO BE INSTALLED BY SITE CONTRACTOR TO A POINT (5) FIVE FEET FROM THE BUILDING STRUCTURE IN ACCORDANCE WITH INDUSTRY STANDARDS UNLESS SPECIFICALLY SHOWN OTHERWISE. SITE CONTRACTOR TO COORDINATE WITH BUILDING TRADES CONTRACTOR TO ENSURE COORDINATION OF UTILITY CONNECTION LOCATIONS AND MATERIAL SPECIFICATIONS. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER OF RECORD.

8. ALL DIMENSIONAL INFORMATION SHOWN HEREON INDICATING BUILDINGS IS BASED UPON FACE OF BUILDING. ALL ROADWAY DIMENSIONS ARE TO INSIDE FACE OF CURBING. ALL SIDEWALK DIMENSIONS ARE TO OUTSIDE FACE OF CURBING.

1. CONTRACTOR TO STORE ANY PESTICIDES, FERTILIZERS, FUELS, LUBRICANTS, PETROLEUM PRODUCTS, ANTI-FREEZE, PAINTS AND PAINT THINNERS, CLEANING SOLVENTS AND ACIDS, DETERGENTS, CHEMICAL ADDITIVES, AND CONCRETE CURING COMPOUNDS IN SUITABLE SAFE CONTAINERS IN A DRY AND COVERED AREA. CONTRACTOR TO ADHERE TO PROPER MANUFACTURERS' DIRECTIONS REGARDING APPLICATION USES AND METHODS BEING APPLIED.

2. CONTRACTOR SHALL CONFORM TO THE STATE SOLID WASTE MANAGEMENT ACT, N.J.S.A. 13:1E-1 ET SEQ., AND ITS IMPLEMENTING RULES AT N.J.A.C. 7:26, 7:26A, AND 7:26G; THE NEW JERSEY PESTICIDE CONTROL CODE AT N.J.A.C. 7:30; THE STATE LITTER STATUTE (N.J.S.A. 13:1E-99.3); AND OSHA REQUIREMENTS FOR SANITATION AT 29 C.F.R. 1926 FOR SITE BUILDING WASTE MATERIAL AND RUBBLE AND OTHER CONSTRUCTION SITE WASTES, INCLUDING LITTER AND HAZARDOUS AND SANITARY WASTES. CONSTRUCTION SITES SHALL HAVE ONE OR MORE DESIGNATED WASTE COLLECTION AREAS ONSITE AND AN ADEQUATE NUMBER OF CONTAINERS FOR WASTE. STAGED WASTE CONTAINERS SHALL BE MAINTAINED SO AS TO PREVENT WASTE MATERIALS FROM OVERFLOWING, LEAKING, OR BLOWING OUT OF THE CONTAINER. SPILLS, LEAKS, AND OVERFLOWS, WHICH DO OCCUR, SHALL BE CLEANUP IMMEDIATELY.

3. RESPONSIBILITIES OF PERMITTEE OR OWNER REPRESENTATIVE:

a. THE PERMITTEE OR CLIENT REPRESENTED SHALL CONDUCT AND DOCUMENT WEEKLY INSPECTIONS REPORTS OF THE AREAS OF INDUSTRIAL ACTIVITY OR SMALL CONSTRUCTION ACTIVITIES TO IDENTIFY AREAS CONTRIBUTING TO THE STORMWATER DISCHARGE AUTHORIZED BY THIS PERMIT AND EVALUATE WHETHER THE REGULATED ACTIVITIES IDENTIFIED UNDER THE 5G3 CONSTRUCTION ACTIVITY STORMWATER NARRATIVE REQUIREMENTS, E.1, IS BEING PROPERLY IMPLEMENTED AND MAINTAINED OR WHETHER ADDITIONAL MEASURES ARE NEEDED FOR THE REGULATED ACTIVITY.

b. IN THE EVENT THAT THE INDUSTRIAL ACTIVITIES OR SMALL CONSTRUCTION ACTIVITIES ON-SITE ARE CEASED OR ARE ANTICIPATED TO CEASE FOR A PERIOD OF SIX (6) MONTHS OR GREATER THE PERMITTEE MAY SEEK A SUSPENSION OF THE ROUTINE INSPECTION REQUIREMENT OF THE PERMIT OR REDUCTION IN FREQUENCY TO MONTHLY WITH THE WRITTEN APPROVAL OF THE SOIL CONSERVATION DISTRICT OFFICE OVERSEEING THE PROJECT ON A FORM PROVIDED BY THE DEPARTMENT.

4. CONSTRUCTION SITE WASTES INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

a. "CONSTRUCTION AND DEMOLITION WASTE," AS DEFINED IN N.J.A.C. 7:26-1.4 AS FOLLOWS: "WASTE BUILDING MATERIAL AND RUBBLE RESULTING FROM CONSTRUCTION, REMODELING, REPAIR, AND DEMOLITION OPERATIONS ON HOUSES, COMMERCIAL BUILDINGS, PAVEMENTS AND OTHER STRUCTURES. THE FOLLOWING ARE EXAMPLES OF MATERIALS THAT MAY BE FOUND IN CONSTRUCTION AND DEMOLITION WASTE: TREATED AND UNTREATED WOOD SCRAP, NAILS, PARTS, TREE STUMPS, BRUSH, CONCRETE, ASPHALT, BRICKS, BLOCKS AND OTHER MASONRY, PLASTER AND WALLBOARD, ROOFING MATERIALS, CORRUGATED CARDBOARD AND MISCELLANEOUS PAPER, FERROUS AND NON-FERROUS METAL, NON-ASEBESTOS BUILDING INSULATION, PLASTIC SCRAP, DIRT, CARPETS AND PADINGS, GLASS (WINDOW AND DOOR), AND OTHER MISCELLANEOUS MATERIALS; BUT SHALL NOT INCLUDE ANY OTHER SOLID WASTE TYPES."

b. ANY WASTE BUILDING MATERIAL AND RUBBLE RESULTING FROM SUCH OPERATIONS THAT IS HAZARDOUS FOR PURPOSES OF N.J.A.C. 7:26G (THE HAZARDOUS WASTE RULES).

c. DISCARDED (INCLUDING SPILLED) PESTICIDES, FERTILIZERS, FUELS, LUBRICANTS, PETROLEUM PRODUCTS, ANTI-FREEZE, PAINTS AND PAINT THINNERS, PAINT CHIPS AND SANDBLASTING MATERIALS AND OTHER STRUCTURES. THE FOLLOWING ARE EXAMPLES OF MATERIALS THAT MAY BE FOUND IN CONSTRUCTION AND DEMOLITION WASTE: TREATED AND UNTREATED WOOD SCRAP, NAILS, PARTS, TREE STUMPS, BRUSH, CONCRETE, ASPHALT, BRICKS, BLOCKS AND OTHER MASONRY, PLASTER AND WALLBOARD, ROOFING MATERIALS, CORRUGATED CARDBOARD AND MISCELLANEOUS PAPER, FERROUS AND NON-FERROUS METAL, NON-ASEBESTOS BUILDING INSULATION, PLASTIC SCRAP, DIRT, CARPETS AND PADINGS, GLASS (WINDOW AND DOOR), AND OTHER MISCELLANEOUS MATERIALS; BUT SHALL NOT INCLUDE ANY OTHER SOLID WASTE TYPES."

d. OTHER "LITTER," AS DEFINED AT N.J.S.A. 13:1E-215 D AS FOLLOWS: "ANY USED OR UNCONSUMED SUBSTANCE OR WASTE MATERIAL WHICH HAS BEEN DISCARDED WHETHER MADE OF ALUMINUM, GLASS, PLASTIC, RUBBER, PAPER, OR OTHER NATURAL OR SYNTHETIC MATERIAL, OR ANY COMBINATION THEREOF, INCLUDING, BUT NOT LIMITED TO, ANY BOTTLE, JAR OR CAN, OR ANY TOP, CAP OR DETACHABLE TAB OF ANY BOTTLE, JAR OR CAN, ANY UNLIGHTED CIGARETTE, CIGAR MATCH OR ANY FLAMING OR GLOWING MATERIAL OR ANY GARBAGE, TRASH, REFUSE, DEBRIS, RUBBISH, GRASS CLIPPINGS OR OTHER LAWN OR GARDEN WASTE, NEWSPAPERS, MAGAZINES, GLASS, METAL, PLASTIC OR PAPER CONTAINERS, OR OTHER PACKAGING OR CONSTRUCTION MATERIAL, BUT DOES NOT INCLUDE THE WASTE OF THE PRIMARY PROCESSES OF MINING OR OTHER EXTRACTION PROCESSES, LOGGING, SAWMILLING, FARMING OR MANUFACTURING."

1. ALL ON-SITE STORM SEWER SEWER PIPING SHALL BE SOIL TIGHT ADS-N 12-HIGH DENSITY POLYETHYLENE PIPE (HDPE) OR APPROVED EQUAL UNLESS NOTED OTHERWISE.

2. ALL STORM SEWER CROSSINGS WITH 18 INCHES OR LESS OF CLEARANCE TO THE SANITARY SEWER SYSTEM SHALL HAVE A CONCRETE CRADLE ON THE UPPER PIPE AND CONCRETE ENCASEMENT ON THE LOWER PIPE AS PER THE PIPE CROSSING DETAIL.

3. BUILDING ROOF DRAIN SYSTEMS SHALL CONNECT TO SITE STORM SEWER SYSTEM UNLESS NOTED OTHERWISE.

4. PROVIDE BICYCLE SAFE GRATES ON ALL STORM SEWER INLETS AND ADA COMPLIANT GRATES ON ALL INLETS WITHIN PEDESTRIAN WALKS.

5. ALL ONSITE STORMWATER FACILITIES SHALL BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH NIDEP STANDARD MAINTENANCE REQUIREMENTS. REFER TO THE STORMWATER MAINTENANCE FACILITIES OPERATIONS AND MAINTENANCE PLAN.

6. THE MINIMUM DEPTH OF COVER SHALL BE 2'-0" FOR ALL STORM SEWER PIPES OR PER MANUFACTURERS MINIMUM RECOMMENDED DEPTHS FOR HS-20 LOADING.

7. UNLESS OTHERWISE NOTED, ALL STORM SEWER STRUCTURES SHALL BE PRECAST CONCRETE WITH A MINIMUM H-25 LOAD RATING. ALL STORM SEWER FRAMES, INLET GRATES, AND MANHOLE COVERS SHALL BE UNPAINTED AND UNCOATED HEAVY DUTY H-20 LOADING CAST IRON BY CAMPBELL FOUNDRY OR APPROVED EQUAL.

8. UNLESS OTHERWISE NOTED OR INFERRED BY INVERT ELEVATIONS, PIPE CROWN ELEVATIONS SHALL BE MATCHED IN ALL MANHOLES AND INLETS.

POINT-BY-POINT CALCULATIONS PROVIDED WITHIN HAVE BEEN PREPARED IN ACCORDANCE TO IESNA STANDARDS AND IN CONSIDERATION OF THE VARIABLES WITHIN THESE NOTES AND SITE LIGHTING SCHEDULE. THE VALUES SHOWN ON THE PLANS ARE NOT AN INDICATION OF THE INITIAL LIGHT INTENSITIES OF THE LAMPINGS. THESE VALUES ARE AN APPROXIMATION OF THE MAINTAINED INTENSITIES DELIVERED TO THE GROUND PLANE USING INDUSTRY STANDARD LIGHT LOSS FACTORS (LLF) WHICH COVER LAMP DEGRADATION AND NATURAL BUILDUP DIRT DEGRADATION ON THE FIXTURE LENS. THE LIGHTING PLAN IS DESIGNED WITH AN INDUSTRY STANDARD LLF IN ACCORDANCE WITH GUIDANCE AS PROVIDED BY IESNA. MINOR VARIATIONS IN TOPOGRAPHY, PHYSICAL OBSTRUCTIONS, AMBIENT OR ADJACENT LIGHT SOURCES AND/OR OTHER POTENTIAL IMPACTS HAVE NOT BEEN INCLUDED IN THESE CALCULATIONS. THEREFORE, AS-BUILT LIGHT INTENSITIES MAY VARY, IN EITHER DIRECTION, FROM WHAT IS EXPLICITLY PORTRAYED WITHIN THESE DRAWINGS. NO GUARANTEE OF LIGHT LEVELS IS EXPRESSED OR IMPLIED BY THE POINT BY POINT CALCULATIONS SHOWN ON THESE PLANS.

2. LIGHT LEVEL POINT SPACING IS 10 FT. LEFT TO RIGHT AND 120 FT. TOP TO BOTTOM. POINT BY POINT CALCULATIONS ARE BASED ON THE LIGHT LOSS FACTOR AS STATED IN THE LIGHTING SCHEDULE.

3. ALL SITE LIGHTING RELATED WORK AND MATERIALS SHALL COMPLY WITH CITY, COUNTY, AND OTHER APPLICABLE GOVERNING AUTHORITY REQUIREMENTS.

4. LIGHTING LAYOUT COMPLIES WITH THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) SAFETY STANDARDS FOR LIGHT LEVELS.

5. CONTRACTOR TO COORDINATE POWER SOURCE WITH LIGHT FIXTURES TO ENSURE ALL SITE LIGHTING IS OPERATING EFFECTIVELY, EFFICIENTLY AND SAFELY. LIGHTING CONTROLS AND OPERATION TO BE SET TO MINIMIZE ENERGY CONSUMPTION THROUGH THE USE OF MOTION SENSORS AND/OR PHOTOCELLS.

6. REFER TO ELECTRIFICATION PLAN FOR PROVIDING ADEQUATE POWER FOR SITE LIGHTING.

7. CONTRACTOR TO COORDINATE LOCATION OF EASEMENTS, UNDERGROUND UTILITIES AND DRAINAGE BEFORE DRILLING POLE BASES.

8. INSTALLATION OF ALL LIGHTING FIXTURES, POLES, FOOTINGS, AND FEEDER CABLE TO BE COORDINATED WITH ALL SITE WORK TRADES TO AVOID CONFLICT WITH FINISHED AND PROPOSED WORK.

9. CONTRACTOR TO COORDINATE INSTALLATION OF UNDERGROUND FEEDER CABLE FOR EXTERIOR LIGHTING WITH EXISTING AND PROPOSED UTILITIES, SITE DRAINAGE SYSTEMS, AND PAVING. CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNERS REPRESENTATIVE SHOULD ANY UTILITIES, NOT SHOWN ON THE PLANS, BE FOUND DURING EXCAVATIONS.

10. PROVIDE A CONCRETE BASE FOR EACH LIGHT POLE AT THE LOCATIONS INDICATED ON THE CONSTRUCTION DRAWINGS AND IN ACCORDANCE WITH PROJECT PLANS AND SPECIFICATIONS RELATING DIRECTLY TO CAST-IN-PLACE CONCRETE. THE USE OF ALTERNATE LIGHTING FOUNDATIONS, SUCH AS PRECAST, MAY CHANGE THE SIZING AND REINFORCEMENT REQUIREMENTS FROM THOSE SHOWN ON THESE PLANS. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO ORDERING ANY SUBSTITUTED PRODUCTS.

11. CONTRACTOR SHALL EXAMINE AND VERIFY THAT SOIL CONDITIONS ARE SUITABLE TO SUPPORT LOADS EXERTED UPON THE FOUNDATIONS DURING EXCAVATION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY UNSATISFACTORY CONDITIONS.

12. POLE FOUNDATIONS SHALL NOT BE POURED IF FREE STANDING WATER IS PRESENT IN EXCAVATED AREA.

13. ALL POLES HIGHER THAN 25 FT. SHALL BE EQUIPPED WITH FACTORY INSTALLED VIBRATION DAMPENERS.

14. CONTRACTOR TO COORDINATE INSTALLATION OF ALL THE WALL MOUNTED FIXTURES AND ELECTRICAL CONNECTIONS TO SITE STRUCTURE(S) WITH BUILDING MEP, ARCHITECT, AND/OR OWNER.

15. INSTALLATION AND ELECTRICAL CONNECTIONS FOR WALL MOUNTED FIXTURES TO BE COORDINATED WITH ARCHITECTURAL, STRUCTURAL, UTILITY AND SITE PLANS AND TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES.

16. CONTRACTOR TO OPERATE EACH LUMINAIRE AFTER INSTALLATION AND CONNECTION. INSPECT FOR IMPROPER CONNECTIONS AND OPERATION.

17. CONTRACTOR TO AIM AND ADJUST ALL LUMINAIRES TO PROVIDE ILLUMINATION LEVELS AND DISTRIBUTION AS INDICATED ON THE CONSTRUCTION DRAWINGS OR AS DIRECTED BY THE LANDSCAPE ARCHITECT AND/OR OWNER.

18. CONTRACTOR TO CONFIRM THAT LIGHT FIXTURES, TILT ANGLE AND AIMING MATCH SPECIFICATIONS ON THE PLANS.

19. ALL LIGHTING SUBSTITUTIONS MUST BE MADE WITHIN 14 DAYS PRIOR TO THE BID DATE TO PROVIDE AMPLE TIME FOR REVIEW AND TO ISSUE AN ADDENDUM INCORPORATING THE SUBSTITUTION WITH THE FOLLOWING REQUIREMENTS:

A. ANY SUBSTITUTION TO LIGHTING FIXTURES, POLES, ETC. MUST BE APPROVED BY THE OWNER, ENGINEER AND TENANTS. ANY COST ASSOCIATED WITH REVIEW AND/OR APPROVAL OF THE SUBSTITUTIONS SHALL BE ENTIRELY BORNE BY THE CONTRACTOR.

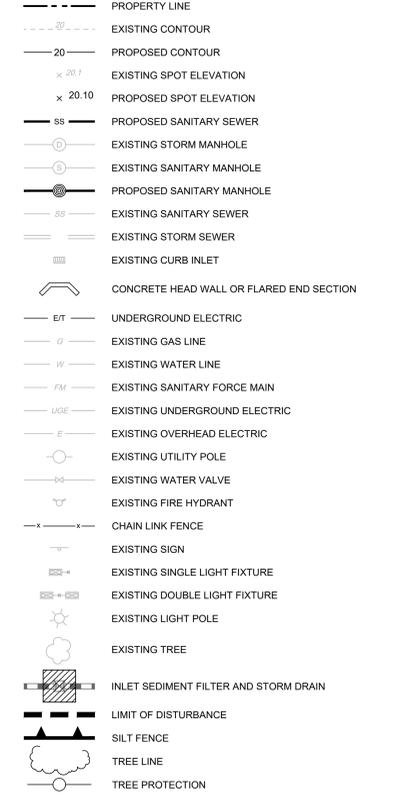
B. COMPUTER PREPARED PHOTOMETRIC LAYOUT OF THE PROPOSED LIGHTED AREA WHICH INDICATES, BY ISOFOOTCANDLE, THE SYSTEM'S PERFORMANCE.

C. A PHOTOMETRIC REPORT FROM A NATIONAL INDEPENDENT TESTING LABORATORY WITH REPORT NUMBER, DATE, FIXTURE CATALOG NUMBER, LUMINAIRE AND LAMP SPECIFICATIONS, IES CALCULATIONS, POINT BY POINT FOOT CANDLE PLAN, STATISTIC ZONES SHOWING AVERAGE, MAXIMUM, MINIMUM AND UNIFORMITY RATIOS, SUMMARY, ISOLUX PLOT, AND CATALOGUE CUTS, CATALOGUE CUTS MUST IDENTIFY OPTICS, LAMP TYPE, DISTRIBUTION TYPE, REFLECTOR, LENS, BALLASTS, WATTAGE, VOLTAGE, FINISH HOUSING DESCRIPTION AND ALL OTHER PERTINENT INFORMATION.

D. POLE MANUFACTURER AASHTO CALCULATIONS INDICATING THE POLE AND ANCHOR BOLTS BEING SUBMITTED ARE CAPABLE OF SUPPORTING THE POLE AND FIXTURE SYSTEMS BEING UTILIZED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

E. THE UNDERWRITERS LABORATORY LISTING AND FILE NUMBER FOR THE SPECIFIC FIXTURE(S) TO BE UTILIZED.

F. A COLOR PHOTOGRAPH THAT CLEARLY SHOWS THE REPLACEMENT FIXTURE POLE MOUNTED, THE FIXTURE'S COLOR, FINISH, AND PHYSICAL CHARACTERISTICS.



GENERAL

1. THE OFFICE OF THE MUNICIPAL ENGINEER SHALL BE NOTIFIED IN ADVANCE OF COMMENCEMENT OF CONSTRUCTION OF ANY IMPROVEMENTS UNDER ITS JURISDICTION.

2. CONTRACTOR SHALL COORDINATE UTILITY MARK OUTS 72 HOURS PRIOR TO ANY DISTURBANCE.

3. ALL SOIL EROSION CONTROL MEASURES MUST BE INSTALLED PRIOR TO THE START OF ANY CONSTRUCTION AND ARE SUBJECT TO INSPECTION BY THE LOCAL SOIL CONSERVATION DISTRICT.

4. THE CONTRACTOR SHALL PROVIDE SUCH TEMPORARY DRAINAGE, SOIL EROSION, AND DUST CONTROL MEASURES AS MAY BE DIRECTED BY THE MUNICIPAL ENGINEER OR OTHER AGENCIES OR DEPARTMENTS TO SATISFY ENVIRONMENTAL CONCERNS.

5. THE INSTALLATION OF UTILITIES MUST BE COORDINATED WITH BUILDING IMPROVEMENTS TO ASSURE THE WELL-BEING OF LIFE AND PROPERTY DURING CONSTRUCTION. WATER SERVICE IS A PRIMARY NEED AND MUST BE SCHEDULED ACCORDINGLY. WATER SUPPLY AND HYDRANT CONNECTIONS ARE TO BE ESTABLISHED AS A PRIORITY DURING INITIAL SITE DEVELOPMENT TO ASSURE ADEQUATE WATER FOR FIRE FIGHTING DURING ALL PHASES OF CONSTRUCTION.

6. AS INDICATED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" SUFFICIENT CONSTRUCTION WARNING SIGNS ARE TO BE PROVIDED AND MAINTAINED BY CONTRACTORS PERFORMING CONSTRUCTION WORK. SAID SIGNS ARE TO BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND APPROVED BY THE APPROPRIATE MUNICIPAL INSPECTION PERSONNEL. NO CONSTRUCTION THAT IN ANY WAY INTERFERES WITH ROADWAY TRAFFIC SHALL BE CONDUCTED UNTIL THE APPROPRIATE CONSTRUCTION WARNING SIGNS ARE INSTALLED AND INSPECTED BY THE MUNICIPAL ENGINEER. ALL SUCH SIGNAGE, STRIPING, PARKING AND TRAFFIC CIRCULATION SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," AS AMENDED, AS WELL AS THE REQUIREMENTS OF THE MUNICIPALITY AND NIDOT.

7. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE MUNICIPAL CONSTRUCTION GUIDELINES FOR STREET OPENINGS WITHIN THE PUBLIC RIGHT OF WAY.

8. ALL ROADWAYS ARE TO BE PASSABLE FOR FIRE DEPARTMENT USE DURING CONSTRUCTION. ANY ROADWAY CLOSURE OR RELOCATION SHALL BE COORDINATED BY THE CONTRACTOR WITH THE FIRE DEPARTMENT TO ENSURE ADEQUATE FIRE PROTECTION FOR ALL AREAS AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING WARNING SIGNS, BARRICADES, AND ANY AND ALL SAFETY MEASURES AS MAY BE REQUIRED BY LOCAL CODES, OSHA AND/OR MUTCD.

9. LOCATION OF EXISTING INLETS, CATCH BASINS AND MANHOLES MUST BE FIELD VERIFIED BEFORE WORK MAY COMMENCE. ANY CONFLICTING INFORMATION FROM THAT SHOWN SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.

10. PRIOR TO ANY SITE DISTURBANCE, ALL WETLANDS AND OR WETLANDS TRANSITION AREA LIMITS SHALL BE CLEARLY IDENTIFIED IN THE FIELD WITH ORANGE SNOW FENCING BY MIRAIF OR APPROVED EQUAL. LOCATE SILT FENCE LINE FIVE (5) FEET UPSTREAM OF PROTECTIVE FENCING AND DOWNSTREAM OF CLEARING LIMITS AS SHOWN. THE CONTRACTOR SHALL VERIFY THAT ALL PERMITS AS MAY BE REQUIRED BY LOCAL, COUNTY, STATE, FEDERAL OR OTHER AGENCIES HAVING JURISDICTION ARE IN HAND AND VALID PRIOR TO COMMENCING WORK.

11. SUBSTITUTIONS OF PROPRIETARY MATERIAL AND/OR PRODUCT SPECIFICATIONS CONS TRUCTION EQUAL" MUST BE APPROVED BY THE DESIGN ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DEMONSTRATE TO THE SATISFACTION OF THE DESIGN ENGINEER THAT THE SUBSTITUTION IS EQUAL.

12. IT IS NOT THE INTENT OF THESE PLANS TO PROVIDE REINFORCING STEEL AND CONCRETE DESIGNS FOR ANY PRE-CAST OR POURED-IN-PLACE CONCRETE STRUCTURES, OTHER THAN THE REINFORCING STEEL AND CONCRETE DESIGNS SPECIFICALLY NOTED ON THESE PLANS. ANY REINFORCING STEEL AND CONCRETE DESIGN MUST BE SUPPLIED, SIGNED & SEALED BY THE PRE-CAST MANUFACTURER OR A REPUTABLE LICENSED STRUCTURAL ENGINEER IN THE STATE OF NEW JERSEY REPRESENTING THE CONTRACTOR AND SHALL BE INCLUDED IN THE SHOP DRAWING SUBMITTAL SUBJECT TO REVIEW BY PS&S.

13. THE CONTRACTOR SHALL PREPARE AS-BUILT DRAWINGS FOR ALL UNDERGROUND IMPROVEMENTS INSTALLED DURING CONSTRUCTION, ETC. AS-BUILT DRAWINGS MUST BE SIGNED & SEALED BY A NJ PROFESSIONAL ENGINEER OR LAND SURVEYOR. THE AS-BUILT SURVEY DRAWINGS MUST COMPLY WITH UTILITY OWNER STANDARDS/REQUIREMENTS. COPIES SHALL BE SUBMITTED TO UTILITY COMPANY AND/OR OWNER.

14. ALL CONSTRUCTION SHOWN HEREIN SHALL CONFORM TO RSIS, MUNICIPAL AND/OR COUNTY STANDARDS, CONSTRUCTION DETAILS, AND SPECIFICATIONS APPLICABLE AS WELL AS THE NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, UNLESS SPECIFICALLY NOTED OTHERWISE. IN CASE OF CONFLICT, THE MORE RESTRICTIVE SHALL GOVERN. CONTRACTOR SHALL NOTIFY DESIGN ENGINEER OF ALL CONFLICTS.

DEMOLITION

1. PRIOR TO THE START OF GRADING AND CLEARING OPERATIONS, THE CONTRACTOR SHALL INSTALL ORANGE AND OTHER STRUCTURES. THE FOLLOWING ARE EXAMPLES OF MATERIALS THAT MAY BE FOUND IN CONSTRUCTION AND DEMOLITION WASTE: TREATED AND UNTREATED WOOD SCRAP, NAILS, PARTS, TREE STUMPS, BRUSH, CONCRETE, ASPHALT, BRICKS, BLOCKS AND OTHER MASONRY, PLASTER AND WALLBOARD, ROOFING MATERIALS, CORRUGATED CARDBOARD AND MISCELLANEOUS PAPER, FERROUS AND NON-FERROUS METAL, NON-ASEBESTOS BUILDING INSULATION, PLASTIC SCRAP, DIRT, CARPETS AND PADINGS, GLASS (WINDOW AND DOOR), AND OTHER MISCELLANEOUS MATERIALS; BUT SHALL NOT INCLUDE ANY OTHER SOLID WASTE TYPES."

2. ANY WASTE BUILDING MATERIAL AND RUBBLE RESULTING FROM SUCH OPERATIONS THAT IS HAZARDOUS FOR PURPOSES OF N.J.A.C. 7:26G (THE HAZARDOUS WASTE RULES).

3. DISCARDED (INCLUDING SPILLED) PESTICIDES, FERTILIZERS, FUELS, LUBRICANTS, PETROLEUM PRODUCTS, ANTI-FREEZE, PAINTS AND PAINT THINNERS, PAINT CHIPS AND SANDBLASTING MATERIALS AND OTHER STRUCTURES. THE FOLLOWING ARE EXAMPLES OF MATERIALS THAT MAY BE FOUND IN CONSTRUCTION AND DEMOLITION WASTE: TREATED AND UNTREATED WOOD SCRAP, NAILS, PARTS, TREE STUMPS, BRUSH, CONCRETE, ASPHALT, BRICKS, BLOCKS AND OTHER MASONRY, PLASTER AND WALLBOARD, ROOFING MATERIALS, CORRUGATED CARDBOARD AND MISCELLANEOUS PAPER, FERROUS AND NON-FERROUS METAL, NON-ASEBESTOS BUILDING INSULATION, PLASTIC SCRAP, DIRT, CARPETS AND PADINGS, GLASS (WINDOW AND DOOR), AND OTHER MISCELLANEOUS MATERIALS; BUT SHALL NOT INCLUDE ANY OTHER SOLID WASTE TYPES."

4. OTHER "LITTER," AS DEFINED AT N.J.S.A. 13:1E-215 D AS FOLLOWS: "ANY USED OR UNCONSUMED SUBSTANCE OR WASTE MATERIAL WHICH HAS BEEN DISCARDED WHETHER MADE OF ALUMINUM, GLASS, PLASTIC, RUBBER, PAPER, OR OTHER NATURAL OR SYNTHETIC MATERIAL, OR ANY COMBINATION THEREOF, INCLUDING, BUT NOT LIMITED TO, ANY BOTTLE, JAR OR CAN, OR ANY TOP, CAP OR DETACHABLE TAB OF ANY BOTTLE, JAR OR CAN, ANY UNLIGHTED CIGARETTE, CIGAR MATCH OR ANY FLAMING OR GLOWING MATERIAL OR ANY GARBAGE, TRASH, REFUSE, DEBRIS, RUBBISH, GRASS CLIPPINGS OR OTHER LAWN OR GARDEN WASTE, NEWSPAPERS, MAGAZINES, GLASS, METAL, PLASTIC OR PAPER CONTAINERS, OR OTHER PACKAGING OR CONSTRUCTION MATERIAL, BUT DOES NOT INCLUDE THE WASTE OF THE PRIMARY PROCESSES OF MINING OR OTHER EXTRACTION PROCESSES, LOGGING, SAWMILLING, FARMING OR MANUFACTURING."

1. CONTRACTOR SHALL EXERCISE APPROPRIATE CARE AND PRECISION IN CONSTRUCTION OF HANDICAP (ADA, BARRIER FREE, ETC.) ACCESSIBLE COMPONENTS FOR THE SITE. THESE COMPONENTS (AS CONSTRUCTED) MUST COMPLY WITH THE CURRENT EDITION OF THE NJ UNIFORM CONSTRUCTION CODE SUBCHAPTER 7 BARRIER FREE ACCESS. FINISHED SURFACES ALONG THE ACCESSIBLE ROUTE OF TRAVEL FROM PARKING SPACES, PUBLIC TRANSPORTATION, PEDESTRIAN ACCESS AND INTER-BUILDING ACCESS, TO POINTS OF ACCESSIBLE BUILDING ENTRANCES/EGRESS, SHALL COMPLY WITH THE ADA CODE REQUIREMENTS, THESE INCLUDE, BUT ARE NOT LIMITED TO:

- PARKING SPACES AND PARKING AISLES - SLOPE SHALL NOT EXCEED 1:48 (1/2" PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION.
- CURB RAMPS - SLOPE SHALL NOT EXCEED 1:12 (8.3%) FOR A MAXIMUM OF SIX (6) FEET.
- LANDINGS - SHALL BE PROVIDED AT EACH END OF RAMPS, POSITIVE DRAINAGE SHALL BE PROVIDED, AND CROSS SLOPE SHALL NOT EXCEED 1:48 (1/2" PER FOOT OR NOMINALLY 2.0%)
- PATH OF TRAVEL ALONG ACCESSIBLE ROUTE - SHALL PROVIDE A 36 INCH OR GREATER UNOBSTRUCTED WIDTH OF TRAVEL. (CAR OVERHANGS CANNOT REDUCE THIS MINIMUM WIDTH). THE SLOPE SHALL BE NO GREATER THAN 1:20 (5.0% OR 1/2" PER FOOT) IN THE DIRECTION OF TRAVEL, AND SHALL NOT EXCEED 1:48 (1/2" PER FOOT OR NOMINALLY 2.0%) IN CROSS SLOPE. WHERE PATH OF TRAVEL WILL BE GREATER THAN 1:20 (5.0%), AN ADA RAMP WITH A MAXIMUM SLOPE OF 1:12 (8.3%), FOR A MAXIMUM DISTANCE OF 30 FEET, SHALL BE PROVIDED. THE RAMP SHALL HAVE ADA HAND RAILS AND "LEVEL" LANDINGS ON EACH END THAT ARE CROSS SLOPE NO MORE THAN 1:48 (1/2" PER FOOT OR NOMINALLY 2.0%) FOR POSITIVE DRAINAGE.
- DOORWAYS - SHALL HAVE A "LEVEL" LANDING AREA ON THE EXTERIOR SIDE OF THE DOOR THAT IS SLOPED NO MORE THAN 1:48 (1/2" PER FOOT OR NOMINALLY 2.0%) FOR POSITIVE DRAINAGE. THIS LANDING AREA SHALL BE NO LESS THAN 60 INCHES (5 FEET) LONG, EXCEPT WHERE OTHERWISE PERMITTED BY ADA STANDARDS FOR ALTERNATIVE DOORWAY OPENING CONDITIONS (SEE ICC/ANSI A117.1-2003 AND OTHER REFERENCES INCORPORATED BY CODE).

ADA ACCESSIBILITY

IT IS RECOMMENDED THAT THE CONTRACTOR REVIEW THE INTENDED CONSTRUCTION WITH THE LOCAL BUILDING CODE OFFICIAL PRIOR TO COMMENCING WORK TO VERIFY COMPLIANCE FOR ALL ADA COMPONENTS.

PLANNING BOARD SUBMISSION

1. PLANNING BOARD SUBMISSION 05-27-2022

Rev. Description Date



Project Rocky Multipurpose Building

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CERTIFICATE OF AUTHORIZATION NO. 24GCA0803700

ROBERT ESPASA, P.E.
PROFESSIONAL ENGINEER
N.J. LIC. NO. 43454

SIGNATURE DATE

1. PLANNING BOARD SUBMISSION 05-27-2022

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