EX. GOLF PRO SHOP TO BE CONVERTED TO CART STORAGE AND EMPLOYEE BREAK ROOM

EX. BUILDING TO BE CONVERTED TO OFFICE SPACE (2,013 SF)

EX. WELL TO BE ABANDONED BY LICENSED WELL DRILLER

EX. CART STORAGE TO REMAIN

PUBLIC ACCESS RESTROOM ATTACHED TO GOLF CENTER (MAX. 312 PERSONS PER DAY)

EX. GOLF CENTER TO BE RENOVATED AS NEW GOLF PRO SHOP (693 SF), KITCHEN, & RESTAURANT AREA (MAX. 320 PATRONS PER DAY)

SL-1
ELEV: 127.15
E.S.H.W.T: 121.98
BOTTOM: 117.15

SL-2
ELEV: 126.65
E.S.H.W.T: 116.82
BOTTOM: 116.65

EX. STORMWATER PIPE (TYP.)

FENCE (TYP.)

EX. PARKING LOT FOR ADMINISTRATIVE USE

EX. GOLF COURSE/CLUBHOUSE PARKING LOT

100' WELL BUFFER

MAINTENANCE NOTES:

THE INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM SHALL BE MAINTAINED IN ACCORDANCE WITH N.J.A.C. 7:9A, THE COLTS NECK TOWNSHIP HEALTH DEPARTMENT AND ANY APPLICABLE MANDATORY MAINTENANCE PROGRAM.

MAINTENANCE ACTIVITIES SHALL INCLUDE, BUT NOT LIMITED TO, INSPECTION OF THE GRease TRAPS, SEPTIC TANKS, CONNECTING PIPES, AND THE DISPOSAL FIELD. THE SEPTIC TANK SHALL BE PUMPED OUT AT REGULAR INTERVALS. EFFLUENT FILTER SHALL BE MAINTAINED IN SUCH A WAY TO PREVENT SOLIDS, SCUM, OR FLOATABLES FROM ENTERING THE EFFLUENT DISTRIBUTION NETWORK AND DISPOSAL FIELD. EFFLUENT FILTER TO BE INSPECTED AT TIME OF PUMPING AND RINSED FREE OF DEBRIS. EFFLUENT FILTER TO BE INSPECTED AND RINSED CLEAN AT TIME OF EVERY PUMP OUT, REPLACE AS NECESSARY.

NOTES:

NO UNDERGROUND STORAGE TANKS ARE PRESENT ON THE PROPERTY (PER OWNER).

THE ONLY WELL WITHIN 100' OF THE PROPOSED DISPOSAL FIELD IS TO BE ABANDONED BY A LICENSED WELL DRILLER. THERE ARE NO DISPOSAL FIELDS WITHIN 50' OF THE PROPOSED DISPOSAL FIELD.

ALL TREES WITHIN 10' OF THE DISPOSAL FIELD SHALL BE REMOVED.

PRIOR SEPTIC TANK(S) TO BE PUMPED, CRUSHED, AND ABANDONED IN ACCORDANCE WITH HEALTH DEPARTMENT STANDARDS.

PRIOR SEPTIC SYSTEM(S) TO BE ABANDONED IN PLACE IN ACCORDANCE WITH HEALTH DEPARTMENT STANDARDS OR SPLATs BURIED ON SITE.

TANKS SHALL BE TESTED IN FIELD FOR WATER TIGHTNESS BY TANK MANUFACTURER.

THE PROPOSED SEPTIC SYSTEM HAS BEEN DESIGNED IN A MANNER THAT WILL PREVENT ANY INCREASE IN STORMWATER RUNOFF TO OR PONDING ON ADJACENT PROPERTIES AS A RESULT OF THE INSTALLATION OF THE SYSTEM.

A PERMANENT NON-CORROSIvE MARKER SHALL BE ATTACHED TO THE INSIDE OF THE RISER OR COVER OF ALL TANKS THAT SHALL INCLUDE THE PERMIT NUMBER, SYSTEM TYPE, DESIGN CRITERIA AND DATE OF INSTALLATION.

CONSTRUCTION NOTES:

CONTRACTOR RESPONSIBLE FOR SITE ACCESS, TREE TRIMMING AND REMOVAL, AND RESTORING SITE BACK TO PRE EXISTING CONDITION AFTER DISPOSAL SYSTEM CONSTRUCTION.

CONTRACTOR RESPONSIBLE FOR COORDINATING AESTHETICS WITH HOME OWNER.

CONTRACTOR TO VERIFY ALL ELEVATIONS PRIOR TO SETTING OF TANKS OR FIELD.

SURVEY NOTES:

PLAN REFERENCES SURVEY PREPARED BY ENGINEERING & LAND PLANNING ASSOCIATES DATED FEBRUARY 7, 2017.

SCALE 1 = 120 FT

OWNER/APPLICANT
MONMOUTH COUNTY PARK SYSTEM
805 NEWAM SPRINGS RD
LINCROFT, NJ 07738
732-842-4000

REVISION DATE: 4/29/17

REVIEWED:

SIGNED:
9/15/2020

PROJECT NO. 1018050

SHEET NO.: 1 OF 3

LOCATIONS MERCER ROAD BLOCK 43 LOT 10
COLTS NECK TOWNSHIP MONMOUTH COUNTY, NEW JERSEY

IN THE NAME OF THE STATE OF NEW JERSEY

9/15/2020

4/29/17
1,750 GAL GREASE INTERCEPTOR TANK A
1 COMPARTMENT

2,000 GAL SEPTIC TANK A
1 COMPARTMENT

1,000 GAL SEPTIC TANK B
1 COMPARTMENT

4" (10.16 cm) BALL TRAVEL FILTER CARTRIDGE
MATERIAL - FILLED POLYPROPYLENE
HOUSING MATERIAL - POLYPROPYLENE

4'' AND 6'' FACTORY INSTALLED PIPE OUTLET
MATERIAL - PVC

6.5" (16.51cm) SEALED BALL
MATERIAL - HDPE

OPTIONAL FLOAT SWITCH

(6) POLY LOK 526 EFFLUENT FILTER
NEW CERTIFIED INSTALLED ON 1,750 GREASE TANK OUTLET
ADVANCED WASTEWATER PRETREATMENT NOTES:

1. Bioclore Pretreatment Devices have obtained an NSF Standard 40 and/or Standard 245 Certification and they bear the mark of NSF.

2. Bioclore Pretreatment Devices shall include in their design a telemetry control panel, attached to an internet-based interface that provides continuous remote monitoring, information management, and control of the advanced wastewater pretreatment device, or an approved equivalent system to notify authorized service provider of alarm conditions.

3. Bioclore Pretreatment Devices must be watertight and designed in a manner that considers all structural effects on the treatment unit for the intended installation.

4. An authorized installer shall be physically present at all times during the installation of a Bioclore Pretreatment Device.

5. The authorized installer shall ensure that the property owner has been provided with a copy of the service contract and agrees to comply with the requirements prior to installation.

6. Bioclore Pretreatment Devices shall be installed in accordance with the device manufacturer’s installation manual.

7. The authorized installer shall be in possession of all necessary permits, approvals, and licenses before attempting any portion of the installation. All documentation must be located on-site for the duration of the installation.

8. All tanks specified in the design must be tested for watertightness on-site. After the tank has been installed.

9. Following installation, the authorized service provider shall inspect the system, complete a manufacturer’s system start-up checklist, and provide the completed checklist to the administrative authority. The authorized service provider shall be present at the time of start-up.

10. Bioclore Pretreatment Devices shall be maintained in accordance with N.J.A.C. 7:9A-12.2.

11. The owner of a system that includes a Bioclore Pretreatment Device shall have in place a service contract, throughout the life of the system, with an authorized service provider, in accordance with N.J.A.C. 7:9A-12.2.

12. Bioclore Pretreatment Devices shall be inspected by an authorized service provider on the following schedule, at a minimum:
   a. Once within 30 days following the system start-up.
   b. Subsequent to initial inspection above, twice per year for the first two years of system operation, once per year thereafter.
   c. At the time of transfer of the property with the new system owner, and
   d. Inspections shall be conducted on a more frequent basis if required by the manufacturer or system integrator, as applicable.

13. A deed restriction shall be placed on the property specifying the type of septic system and the requirement for a service contract. (If required)
PUMP CHAMBER DETAIL A

DUPLEX PUMP CONFIGURATION

HIGH WATER ALARM AND PUMPS ARE TO BE LOCATED ON SEPARATE, DEDICATED CIRCUITS.

(A) 4" STATIC WATER LEVEL (PUMP OFF) = 230.4 GALS.
(B) 6" SEPARATION BETWEEN PUMP OFF LEVEL & PUMP INTAKE.
(C) 16" SEPARATION BETWEEN PUMP ON & PUMP OFF LEVEL, YIELDING A
    GROSS VOLUME OF 957.6 GALLONS.
(D) 4" SEPARATION BETWEEN AUTO PUMP ON & HIGH WATER LEVEL.
(E) 44" RESERVE STORAGE CAPACITY, IN CASE OF PUMP OR POWER
    FAILURE, EQUAL TO 2,633.3 GALLONS.

** LAG PUMP FLOATS SHALL BE 1" HIGHER THAN LEAD PUMP FLOATS.

SKIN, SCH 40 PVC TO SURGE BOX

CHECK VALVE (TYP.)

LEAD PUMP

LAG PUMP

FINAL

THE CONTROL PANEL SHALL BE AS MANUFACTURED BY GOLDFIELDS PUMPS INC., PROVIDED BY PUMPING SERVICES INC. AND BE SUITABLE FOR USE WITH THE 1/3 HP SEWAGE PUMP AND OPERATE ON 115 VOLT, 1 PHASE 3 WIRE 60 HZ ELECTRIC POWER. PART NO. 31000.

* TO BE EQUIPPED WITH PUMP VOLUME METER.