NJDEP PERMITTING PLANS FOR FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS
BLOCK 11601, LOT 5
CITY OF HACKENSACK
COUNTY OF BERGEN, STATE OF NEW JERSEY

PUBLIC UTILITIES LIST

<table>
<thead>
<tr>
<th>PUBLIC UTILITIES</th>
<th>TELEPHONE</th>
<th>WATER</th>
<th>SEWER</th>
<th>ELECTRICITY</th>
<th>GAS</th>
<th>CABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>PUBLIC SERVICE ELECTRIC AND GAS COMPANY</td>
<td>CITY OF HACKENSACK DEPARTMENT OF PUBLIC WORKS</td>
<td>CITY OF HACKENSACK DEPARTMENT OF PUBLIC WORKS</td>
<td>PUBLIC SERVICE ELECTRIC AND GAS COMPANY</td>
<td>GARDEN</td>
<td>CABLEVISION</td>
</tr>
</tbody>
</table>

CALL BEFORE YOU DIG - 811

NOTE: OWNER-IS AN EXCAVATION CONTRACTOR MUST HAVE ALL UTILITY SERVICES OUT BY THE APPROPRIATE UTILITY COMPANIES - 1-800-272-1000 OR 811.

NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE03619100
DAREN J. PHIL, PE
DATE: 06/01/2023

NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE05524500
ERIN B. ABLINE, PE
DATE: 06/01/2023

SOURCES:
- CURRENT TAX MAP OF THE CITY OF HACKENSACK, BERGEN COUNTY, NEW JERSEY, SHEET 16 DATED OCTOBER 2020
- NEARMAP US, INC. http://go.nearmap.com

KEY MAP

LEGEND

LIST BOUNDARY

NJDEP PERMITTING PLANS FOR FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS
BLOCK 11601, LOT 5
CITY OF HACKENSACK
COUNTY OF BERGEN, STATE OF NEW JERSEY
1. Subject property is located at 5 Block 11601, City of Hackensack, Bergen County, New Jersey. The property is known as Lot 5, Block 11601 as shown on the Survey. The lack of utility information does not deny the subject property, Foschini Park Improvements, Lot 24, Block 402. City of Hackensack, Boundary and Topographic Survey, February 8, 2022.

2. All locations and sizes are based on utility mark-outs and above ground presence or absence of utilities. All locations and sizes are subject to change upon further utility surveys. The utility locations shown on this plan are subject to change upon further utility surveys.

3. All survey work performed by Keynet GPS, Inc. which utilizes Trimble Virtual Presence and Real Time by Keynet GPS, Inc., which utilizes Trimble Virtual Presence System (continuously operating high precision GPS system) and GPS field survey system which provides real time coordinates.

4. All flat data bases are based on NAD83 vertical datum.

5. Drawings on this plan are to be used for visual purposes only and are not to be used for legal purposes.

6. All elevations are based on EL. 2.75 NAVD 88.
Sequen of Construction:
1. Working Ar 84 Measures
2. Continuing Site and Building
3. Install Utilities, Drainage System
4. Install Building Structures
5. Install Storm Pipes
6. Roadway Paving, Concrete Curb, Sidewalk, and Pavement Installation
7. Landscape Installation and Site Restoration
8. Site Restoration and Removal of Noise Measures

Total: 8.0 Weeks

Notice for Any Other Purpose

This Drawing May Not Be Without the Written Consent of

Suburban Consulting Engineers, Inc.

Digital Seal or Paper Copies Not Containing a Raised Seal

Per N.J.A.C. Electronic Submissions Not Containing a Valid

Suburban Consulting Engineers, Inc.

All Rights Reserved

Flanders, NJ 07836 - 973.398.1776
Wall, NJ 08736 - 732.282.1776

Excellence ♦ Economy ♦ Environment
DUST CONTROL NOTES

1. Utilize the procedures shown in the table to control dust. A dust control plan shall be approved by all agencies and/or parties concerned. Dust control measures shall be employed at all construction activities involving soil disturbance, and shall include appropriate procedures for controlling dust arising from stockpiles, storage areas, and other disturbed areas.

2. Use the table below to select the appropriate dust control measures.

<table>
<thead>
<tr>
<th>TABLE 1: DUST CONTROL MATERIALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
</tr>
<tr>
<td>----------------------------------</td>
</tr>
<tr>
<td>Water Spraying</td>
</tr>
<tr>
<td>Hosing</td>
</tr>
<tr>
<td>Dust Control Fabric</td>
</tr>
<tr>
<td>Dust Control Net</td>
</tr>
<tr>
<td>Pre-Compactible</td>
</tr>
<tr>
<td>Polyacrylamide</td>
</tr>
<tr>
<td>Polyacrylamide (PAM) - Spray On</td>
</tr>
<tr>
<td>Polyacrylamide (PAM) - Dry Spray</td>
</tr>
<tr>
<td>Resin in Water</td>
</tr>
<tr>
<td>Latex Emulsion</td>
</tr>
<tr>
<td>Acidulated Soy Bean Sticks</td>
</tr>
<tr>
<td>Calcium Chloride</td>
</tr>
</tbody>
</table>

3. Hosing: Use methods of water spraying as shown in the table. Use standard hosing methods to control dust from disturbed areas.

4. Polyacrylamide (PAM): Use methods of water spraying as shown in the table. Use standard hosing methods to control dust from disturbed areas.

5. Resin in Water: Use methods of water spraying as shown in the table. Use standard hosing methods to control dust from disturbed areas.

6. Latex Emulsion: Use methods of water spraying as shown in the table. Use standard hosing methods to control dust from disturbed areas.

7. Acidulated Soy Bean Sticks: Use methods of water spraying as shown in the table. Use standard hosing methods to control dust from disturbed areas.

8. Calcium Chloride: Use methods of water spraying as shown in the table. Use standard hosing methods to control dust from disturbed areas.

9. Pre-Compactible: Use methods of water spraying as shown in the table. Use standard hosing methods to control dust from disturbed areas.

10. Polyacrylamide (PAM) - Spray On: Use methods of water spraying as shown in the table. Use standard hosing methods to control dust from disturbed areas.

11. Polyacrylamide (PAM) - Dry Spray: Use methods of water spraying as shown in the table. Use standard hosing methods to control dust from disturbed areas.

12. Construction Fences: Use methods of water spraying as shown in the table. Use standard hosing methods to control dust from disturbed areas.

13. Equipment: Use methods of water spraying as shown in the table. Use standard hosing methods to control dust from disturbed areas.

BERRING COUNTY SOIL CONSERVATION DISTRICT
SOIL EROSION AND SEDIMENT CONTROL NOTES

1. Slope Stabilization: Install tarpaulin to prevent soil erosion. Tarpaulin shall be installed on all slopes greater than 1:1.5. The tarpaulin shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

2. Temporary Fencing: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

3. Silt Fences: Install silt fences to prevent erosion. Silt fences shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

4. Construction Fences: Install construction fences to prevent erosion. Construction fences shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

5. Street and Highway Construction: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

6. Public and Utility Installations: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

7. Construction Activity: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

8. Construction Activity: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

9. Construction Activity: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

10. Construction Activity: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

11. Construction Activity: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

12. Construction Activity: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

13. Construction Activity: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

14. Construction Activity: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.

15. Construction Activity: Install temporary fencing to prevent erosion. Temporary fencing shall be installed in accordance with the manufacturer's instructions and shall be maintained until permanent stabilization is achieved.
NOTES:

1. PREMOLDED BITUMINOUS TYPE JOINT FILLER.

2. EXPANSION JOINTS 3/8" WIDE SHALL BE APPLIED IN EXPANSION JOINTS AT INTERVALS AS DIRECTED BY ENGINEER DURING CONSTRUCTION.

3. EXPANSION JOINTS SPACED EVERY 6-8' O.C. FOR CURB RAMP TYPES 5 AND 6, IF A GRASS BUFFER DOES NOT EXIST, SLOPE CURB TO EQUAL SLOPE OF ADJACENT AREA.

4. DIMENSIONS SHOWN IN TABLES ARE FOR REFERENCE ONLY AND SHOULD NOT BE INTERMIXED WITHIN THE SAME INTERSECTION.

5. DIMENSIONS SHOWN IN TABLES ARE FOR REFERENCE ONLY AND SHOULD NOT BE INTERMIXED WITHIN THE SAME INTERSECTION.

6. DIMENSIONS SHOWN IN TABLES ARE FOR REFERENCE ONLY AND SHOULD NOT BE INTERMIXED WITHIN THE SAME INTERSECTION.

7. DETAIL WARNINGS SHALL BE PRESENTED ON ALL CURB RAMP DETAILS IN ACCORDANCE WITH THE DETAIL INCLUDED IN THESE CONSTRUCTION PLANS.

BERGEN COUNTY CONCRETE CURB

Berde & Associates 06/01/2023

DEPRESSED CURB

HOT MIX ASPHALT PAVEMENT, FULL DEPTH

BERGEN COUNTY CONCRETE CURB

Ada Curv Ramp Type 1

Ada Curv Ramp Type 7

Ada Curv Ramp Type 6

CONCRETE CURB EXPANSION JOINT

CONCRETE SIDEWALK, REINFORCED, 5" THICK

CONCRETE SIDEWALK, 4" THICK

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.

N.J.S. 122:51-10.4.
**PROJECT NUMBER:** 4" LAWN SURFACE RESTORATION

**BICYCLE SAFE GRATE**

**NOTE:** USE CAMPBELL #2617 GRATE ONLY OR EQUAL.

**DENSE-GRADED AGGREGATE SUBGRADE**

**BACKFILL NOTES:**
1. SHALL BE PLACED/PLUGGED THROUGHTHELLE TO MEET MINIMUM REQUIREMENT.
2. COMPACT TESTING TESTS SHALL BE PERFORMED ON EACH LIFT.

**CONSTRUCTION PILE 10'-0" DIAMETER**

**SECTION A-A**

**SECTION B-B**

**SECTION C-C**

**SECTION D-D**

**SECTION E-E**

**SECTION F-F**

**SECTION G-G**

**SECTION H-H**

**SECTION I-I**

**SECTION J-J**

**SECTION K-K**

**LAW INLET**

**TYPE 'A' INLET**

**TYPE 'N-ECO' CURB PIECE**

**UTILITY CROSSING**

**SANITARY SEWER CONNECTION DETAIL**

**MULCHING OVER TOPSOIL**

**FERTILIZING, SEEDING, AND MULCHING OVER TOPSOIL**

**CONCRETE APRON - 6" THICK**

**RIPRAP APRON**

**SANITARY SEWER CONNECTION DETAIL**

**CONCRETE HEADWALL AND APRON**

**LAWN SURFACE RESTORATION**

**NON-PAVED AREAS**

**CONCRETE APRON**

**RIPRAP APRON SIZE**

**REINFORCING BARS**

**SANITARY SEWER CONNECTION DETAIL**

**MULCHING OVER TOPSOIL**

**SANITARY SEWER CONNECTION DETAIL**

**DRAINAGE PIPE TRENCH**

**SECTION B-B**

**SECTION C-C**

**SECTION A-A**

**SECTION A-A**

**SECTION B-B**

**SECTION C-C**

**SECTION D-D**

**SECTION E-E**

**SECTION F-F**

**SECTION G-G**

**SECTION H-H**

**SECTION I-I**

**SECTION J-J**

**SECTION K-K**

**SECTION L-L**

**SECTION M-M**

**SECTION N-N**

**SECTION O-O**

**SECTION P-P**

**SECTION Q-Q**

**SECTION R-R**

**SECTION S-S**

**SECTION T-T**

**SECTION U-U**

**SECTION V-V**

**SECTION W-W**

**SECTION X-X**

**SECTION Y-Y**

**SECTION Z-Z**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**SECTION DD**

**SECTION EE**

**SECTION FF**

**SECTION GG**

**SECTION HH**

**SECTION II**

**SECTION JJ**

**SECTION KK**

**SECTION LL**

**SECTION MM**

**SECTION NN**

**SECTION OO**

**SECTION PP**

**SECTION QQ**

**SECTION RR**

**SECTION SS**

**SECTION TT**

**SECTION UU**

**SECTION VV**

**SECTION WW**

**SECTION XX**

**SECTION YY**

**SECTION ZZ**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**SECTION DD**

**SECTION EE**

**SECTION FF**

**SECTION GG**

**SECTION HH**

**SECTION II**

**SECTION JJ**

**SECTION KK**

**SECTION LL**

**SECTION MM**

**SECTION NN**

**SECTION OO**

**SECTION PP**

**SECTION QQ**

**SECTION RR**

**SECTION SS**

**SECTION TT**

**SECTION UU**

**SECTION VV**

**SECTION WW**

**SECTION XX**

**SECTION YY**

**SECTION ZZ**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**SECTION DD**

**SECTION EE**

**SECTION FF**

**SECTION GG**

**SECTION HH**

**SECTION II**

**SECTION JJ**

**SECTION KK**

**SECTION LL**

**SECTION MM**

**SECTION NN**

**SECTION OO**

**SECTION PP**

**SECTION QQ**

**SECTION RR**

**SECTION SS**

**SECTION TT**

**SECTION UU**

**SECTION VV**

**SECTION WW**

**SECTION XX**

**SECTION YY**

**SECTION ZZ**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**SECTION DD**

**SECTION EE**

**SECTION FF**

**SECTION GG**

**SECTION HH**

**SECTION II**

**SECTION JJ**

**SECTION KK**

**SECTION LL**

**SECTION MM**

**SECTION NN**

**SECTION OO**

**SECTION PP**

**SECTION QQ**

**SECTION RR**

**SECTION SS**

**SECTION TT**

**SECTION UU**

**SECTION VV**

**SECTION WW**

**SECTION XX**

**SECTION YY**

**SECTION ZZ**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**SECTION DD**

**SECTION EE**

**SECTION FF**

**SECTION GG**

**SECTION HH**

**SECTION II**

**SECTION JJ**

**SECTION KK**

**SECTION LL**

**SECTION MM**

**SECTION NN**

**SECTION OO**

**SECTION PP**

**SECTION QQ**

**SECTION RR**

**SECTION SS**

**SECTION TT**

**SECTION UU**

**SECTION VV**

**SECTION WW**

**SECTION XX**

**SECTION YY**

**SECTION ZZ**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**SECTION DD**

**SECTION EE**

**SECTION FF**

**SECTION GG**

**SECTION HH**

**SECTION II**

**SECTION JJ**

**SECTION KK**

**SECTION LL**

**SECTION MM**

**SECTION NN**

**SECTION OO**

**SECTION PP**

**SECTION QQ**

**SECTION RR**

**SECTION SS**

**SECTION TT**

**SECTION UU**

**SECTION VV**

**SECTION WW**

**SECTION XX**

**SECTION YY**

**SECTION ZZ**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**SECTION DD**

**SECTION EE**

**SECTION FF**

**SECTION GG**

**SECTION HH**

**SECTION II**

**SECTION JJ**

**SECTION KK**

**SECTION LL**

**SECTION MM**

**SECTION NN**

**SECTION OO**

**SECTION PP**

**SECTION QQ**

**SECTION RR**

**SECTION SS**

**SECTION TT**

**SECTION UU**

**SECTION VV**

**SECTION WW**

**SECTION XX**

**SECTION YY**

**SECTION ZZ**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**SECTION DD**

**SECTION EE**

**SECTION FF**

**SECTION GG**

**SECTION HH**

**SECTION II**

**SECTION JJ**

**SECTION KK**

**SECTION LL**

**SECTION MM**

**SECTION NN**

**SECTION OO**

**SECTION PP**

**SECTION QQ**

**SECTION RR**

**SECTION SS**

**SECTION TT**

**SECTION UU**

**SECTION VV**

**SECTION WW**

**SECTION XX**

**SECTION YY**

**SECTION ZZ**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**SECTION DD**

**SECTION EE**

**SECTION FF**

**SECTION GG**

**SECTION HH**

**SECTION II**

**SECTION JJ**

**SECTION KK**

**SECTION LL**

**SECTION MM**

**SECTION NN**

**SECTION OO**

**SECTION PP**

**SECTION QQ**

**SECTION RR**

**SECTION SS**

**SECTION TT**

**SECTION UU**

**SECTION VV**

**SECTION WW**

**SECTION XX**

**SECTION YY**

**SECTION ZZ**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**SECTION DD**

**SECTION EE**

**SECTION FF**

**SECTION GG**

**SECTION HH**

**SECTION II**

**SECTION JJ**

**SECTION KK**

**SECTION LL**

**SECTION MM**

**SECTION NN**

**SECTION OO**

**SECTION PP**

**SECTION QQ**

**SECTION RR**

**SECTION SS**

**SECTION TT**

**SECTION UU**

**SECTION VV**

**SECTION WW**

**SECTION XX**

**SECTION YY**

**SECTION ZZ**
CONCRETE SKIRT, 6" WIDE, OR DEMARCATION FABRIC AROUND PIPE TRENCH
REINFORCING STEEL
CLASS C CONCRETE RELIED UPON
SEE SITE DRAINAGE PLAN
AND UTILITY PLAN
AS PER A.S.T.M.

MANHOLE MAY BE CONSTRUCTED OF BRICK, CONCRETE, CONCRETE BLOCK, OR PRECAST CONCRETE MANHOLE.
IN BRICK, CONCRETE, OR CONCRETE BLOCK MANHOLES, INVERTS SHALL BE CAST IN PLACE.
EXISTING MANHOLES AND INLETS DESIGNATED FOR RESETTING OR RECONSTRUCTION SHALL RECEIVE NEW FRAMES AND GRATES AS NOTED ON THE PLANS.

MANHOLE OR INLET WITHIN TURF AREA DETAIL
N.T.S.

STORM MANHOLE
N.T.S.

MANHOLE FRAME & COVER DETAIL
PHOTOGRAPHER: JNP CHK: DAREN J. PHIL, PE
LICENSE NO. 24GE03619100

LIGHTWEIGHT COMPOSITE MANHOLE COVER AND FRAME AS REQUIRED WITH BRICK OR CONCRETE FILL
MIN. SAW CUT.

CONCRETE COLLAR
WITH UV INHIBITORS
17" ADAPTER FOR CORRUGATED-HEX INTEGRATED DUCTILE IRON MANHOLE FUMES EXISTING EXISTING 3/4" CLEAN STONE
EXISTING CONCRETE BASE
EXISTING PRECAST DOGHOUSE SANITARY SEWER MANHOLE

CLEANOUT IN HOT MIX ASPHALT WALKWAY
N.Y.T.

NYLOPLAST 24" DRAIN BASIN DETAIL
N.Y.T.

NOTES:
1. MANHOLE MAY BE CONSTRUCTED OF BRICK, CONCRETE, CONCRETE BLOCK, OR PRECAST CONCRETE MANHOLE.
2. IN BRICK, CONCRETE, OR CONCRETE BLOCK MANHOLES, INVERTS SHALL BE CAST IN PLACE.
3. EXISTING MANHOLES AND INLETS DESIGNATED FOR RESETTING OR RECONSTRUCTION SHALL RECEIVE NEW FRAMES AND GRATES AS NOTED ON THE PLANS.

SANITARY MANHOLE FRAME
AND COVER DETAIL
PRIVATE SHALL BE THROUGHOUT BUILT IN DANGER LINES
ADAPTED TO GRADE USING GRADE RINGS
1/4" CUSHION FOR DRAINAGE CONNECTION INVERT AS REQUIRED WITH BRICK OR CONCRETE FILL
MIN. SAW CUT.

CONCRETE COLLAR
WITH UV INHIBITORS
17" ADAPTER FOR CORRUGATED-HEX INTEGRATED DUCTILE IRON MANHOLE FUMES EXISTING EXISTING 3/4" CLEAN STONE
EXISTING CONCRETE BASE
EXISTING PRECAST DOGHOUSE SANITARY SEWER MANHOLE

CLEANOUT IN HOT MIX ASPHALT WALKWAY
N.Y.T.

NYLOPLAST 24" DRAIN BASIN DETAIL
N.Y.T.

NOTES:
1. MANHOLE MAY BE CONSTRUCTED OF BRICK, CONCRETE, CONCRETE BLOCK, OR PRECAST CONCRETE MANHOLE.
2. IN BRICK, CONCRETE, OR CONCRETE BLOCK MANHOLES, INVERTS SHALL BE CAST IN PLACE.
3. EXISTING MANHOLES AND INLETS DESIGNATED FOR RESETTING OR RECONSTRUCTION SHALL RECEIVE NEW FRAMES AND GRATES AS NOTED ON THE PLANS.

SANITARY MANHOLE FRAME
AND COVER DETAIL
PRIVATE SHALL BE THROUGHOUT BUILT IN DANGER LINES
ADAPTED TO GRADE USING GRADE RINGS
1/4" CUSHION FOR DRAINAGE CONNECTION INVERT AS REQUIRED WITH BRICK OR CONCRETE FILL
MIN. SAW CUT.

CONCRETE COLLAR
WITH UV INHIBITORS
17" ADAPTER FOR CORRUGATED-HEX INTEGRATED DUCTILE IRON MANHOLE FUMES EXISTING EXISTING 3/4" CLEAN STONE
EXISTING CONCRETE BASE
EXISTING PRECAST DOGHOUSE SANITARY SEWER MANHOLE

CLEANOUT IN HOT MIX ASPHALT WALKWAY
N.Y.T.

NYLOPLAST 24" DRAIN BASIN DETAIL
N.Y.T.

NOTES:
1. MANHOLE MAY BE CONSTRUCTED OF BRICK, CONCRETE, CONCRETE BLOCK, OR PRECAST CONCRETE MANHOLE.
2. IN BRICK, CONCRETE, OR CONCRETE BLOCK MANHOLES, INVERTS SHALL BE CAST IN PLACE.
3. EXISTING MANHOLES AND INLETS DESIGNATED FOR RESETTING OR RECONSTRUCTION SHALL RECEIVE NEW FRAMES AND GRATES AS NOTED ON THE PLANS.

SANITARY MANHOLE FRAME
AND COVER DETAIL
PRIVATE SHALL BE THROUGHOUT BUILT IN DANGER LINES
ADAPTED TO GRADE USING GRADE RINGS
1/4" CUSHION FOR DRAINAGE CONNECTION INVERT AS REQUIRED WITH BRICK OR CONCRETE FILL
MIN. SAW CUT.

CONCRETE COLLAR
WITH UV INHIBITORS
17" ADAPTER FOR CORRUGATED-HEX INTEGRATED DUCTILE IRON MANHOLE FUMES EXISTING EXISTING 3/4" CLEAN STONE
EXISTING CONCRETE BASE
EXISTING PRECAST DOGHOUSE SANITARY SEWER MANHOLE

CLEANOUT IN HOT MIX ASPHALT WALKWAY
N.Y.T.

NYLOPLAST 24" DRAIN BASIN DETAIL
N.Y.T.

NOTES:
1. MANHOLE MAY BE CONSTRUCTED OF BRICK, CONCRETE, CONCRETE BLOCK, OR PRECAST CONCRETE MANHOLE.
2. IN BRICK, CONCRETE, OR CONCRETE BLOCK MANHOLES, INVERTS SHALL BE CAST IN PLACE.
3. EXISTING MANHOLES AND INLETS DESIGNATED FOR RESETTING OR RECONSTRUCTION SHALL RECEIVE NEW FRAMES AND GRATES AS NOTED ON THE PLANS.

SANITARY MANHOLE FRAME
AND COVER DETAIL
PRIVATE SHALL BE THROUGHOUT BUILT IN DANGER LINES
ADAPTED TO GRADE USING GRADE RINGS
1/4" CUSHION FOR DRAINAGE CONNECTION INVERT AS REQUIRED WITH BRICK OR CONCRETE FILL
MIN. SAW CUT.

CONCRETE COLLAR
WITH UV INHIBITORS
17" ADAPTER FOR CORRUGATED-HEX INTEGRATED DUCTILE IRON MANHOLE FUMES EXISTING EXISTING 3/4" CLEAN STONE
EXISTING CONCRETE BASE
EXISTING PRECAST DOGHOUSE SANITARY SEWER MANHOLE

CLEANOUT IN HOT MIX ASPHALT WALKWAY
N.Y.T.

NYLOPLAST 24" DRAIN BASIN DETAIL
N.Y.T.
**Landscape Architectural Notes**

**General Notes:**

1. No trees shall be cut or removed unless approved by the NJDEP and any other appropriate agency.
2. All trees shall be planted within the limits of the easements and setback lines as shown on the site plan.
3. All trees shall be pruned or trimmed to fit properly into the landscape design and to avoid interfering with utility lines, sidewalks, driveways, or other structures.
4. All trees shall be planted in accordance with the plant list and specifications.
5. All trees shall be staked and supported as necessary.
6. All trees shall be watered as necessary until established.
7. All trees shall be fertilized as necessary.
8. All trees shall be monitored for disease and pests.
9. All trees shall be inspected annually for proper health and growth.
10. All trees shall be staked and tied to prevent wind damage.
11. All trees shall be watered regularly to ensure proper hydration.
12. All trees shall be planted in a well-drained soil.
13. All trees shall be planted in a location that is free from salt spray or other deleterious substances.

**Plant Material:**

- **Deciduous Tree Planting**
  - **N.T.S.**
    - **I. DECIDUOUS TREE PLANTING**
      - **N.T.S.**
        - **1.** Receives a 4" thick application of sand.
        - **2.** Rather than isolated individuals, all tree, shrub, and perennial/grass beds shall be located in continuous, massed planting beds.
        - **3.** All proposed shrubs shall be set in continuous, massed planting beds.
        - **4.** All proposed trees shall be set in bed(s) mulched to the limit of their planting boxes.
        - **5.** All plants shall be set to ultimate finished grade so that they will be left in the ground.
        - **6.** Plants shall be set in the proposed planting bed(s).

- **Synthetic Turf System**
  - **N.T.S.**
    - **1.** Turf shall be placed at finished grade.
    - **2.** Turf shall be placed at the demarcation fabric.
    - **3.** Turf shall be placed at the turf infill detail.

- **Synthetic Turf Infill Drainage Detail**
  - **N.T.S.**
    - **1.** Drainage shall be provided at the turf infill detail.
    - **2.** Drainage shall be provided at the synthetic turf system.

- **Coniferous Tree Planting**
  - **N.T.S.**
    - **1.** Coniferous trees shall be set in bed(s) mulched to the limit of their planting boxes.
    - **2.** Coniferous trees shall be set in continuous, massed planting beds.

- **Shrub/Grass Planting Detail**
  - **N.T.S.**
    - **1.** Shrub beds shall be located at finished grade.
    - **2.** Shrub beds shall be located at the demarcation fabric.
    - **3.** Shrub beds shall be located at the turf infill detail.

- **Groundcover/Perennial Plant Detail**
  - **N.T.S.**
    - **1.** Groundcover shall be located at finished grade.
    - **2.** Perennial plants shall be located at finished grade.
    - **3.** Perennial plants shall be located at the demarcation fabric.

- **Decorative LED Light Fixture Foundation**
  - **N.T.S.**
    - **1.** Decorative led light fixtures shall be located at finished grade.
    - **2.** Decorative led light fixtures shall be located at the turf infill detail.

**Notes:**

- **1.** Contractor shall be responsible for performing an adequate survey of the finished base grades for survey and approval by the engineer and NJDEP. Any changes to the proposed planting bed locations shall be made prior to the installation of the synthetic turf system.
- **2.** Contractor shall be responsible for providing an adequate survey of the finished base grades for survey and approval by the engineer and NJDEP. Any changes to the proposed planting bed locations shall be made prior to the installation of the synthetic turf system.
- **3.** Contractor shall be responsible for providing an adequate survey of the finished base grades for survey and approval by the engineer and NJDEP. Any changes to the proposed planting bed locations shall be made prior to the installation of the synthetic turf system.

**Drawing Information:**

- **1.** Drawing number: 2548.D08-090v.
- **2.** Drawing title: DECIDUOUS TREE PLANTING.
- **3.** Drawing scale: 1/100"

**Design Information:**

- **1.** Design by: SU2B CONCEPT, PLLC.
- **2.** Project: FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS.
- **3.** Project number: 7448.D05.

**Project Information:**

- **1.** Project name: DECIDUOUS TREE PLANTING.
- **2.** Project location: FOSCHINI PARK.
- **3.** Project contact: SUBURBAN CONSULTING ENGINEERS, INC.

**Contractor Information:**

- **1.** Contractor: SUBURBAN CONSULTING ENGINEERS, INC.
- **2.** Contractor information: 1515 MAIN STREET, SUITE 314, FLANDERS, NJ 07836 - 973.398.1776.

**Specification Information:**

- **1.** Specification number: 1098.D06.
- **2.** Specification title: DECIDUOUS TREE PLANTING.
- **3.** Specification scope: 1/100"

**Revision Information:**

- **1.** Revision date: 09/01/2023.
- **2.** Revision number: REV 5.

**Landscape Architect:**

- **1.** Name: Daren J. Phil, PE.
- **2.** License number: 24GA28037500.

**Contractor Information:**

- **1.** Contractor: SUBURBAN CONSULTING ENGINEERS, INC.
- **2.** Contractor information: 1515 MAIN STREET, SUITE 314, FLANDERS, NJ 07836 - 973.398.1776.

**Engineer Information:**

- **1.** Engineer: SU2B CONCEPT, PLLC.
- **2.** Engineer information: 1515 MAIN STREET, SUITE 314, FLANDERS, NJ 07836 - 973.398.1776.

**Contractor Information:**

- **1.** Contractor: SUBURBAN CONSULTING ENGINEERS, INC.
- **2.** Contractor information: 1515 MAIN STREET, SUITE 314, FLANDERS, NJ 07836 - 973.398.1776.

**Specification Information:**

- **1.** Specification number: 1098.D06.
- **2.** Specification title: DECIDUOUS TREE PLANTING.
- **3.** Specification scope: 1/100"

**Revision Information:**

- **1.** Revision date: 09/01/2023.
- **2.** Revision number: REV 5.

**Landscape Architect:**

- **1.** Name: Daren J. Phil, PE.
- **2.** License number: 24GA28037500.