1. The contractor is required to verify the approximate locations of all utilities prior to the start of construction. A utility survey map for the site is available for review. Any discrepancies in the survey map must be reported to the owner and engineer for resolution.
2. The contractor must ensure that all utilities are protected during construction. Any damage to utilities will be the responsibility of the contractor.
3. The utility lines must be located and marked by a certified utility location company prior to excavation.
4. The contractor is required to protect all utility lines from damage during excavation.
5. The contractor must ensure that all utility lines are properly marked and labeled.
6. The contractor must coordinate with the utility companies to ensure that all utility lines are properly disconnected before excavation begins.
7. The contractor must ensure that all utility lines are properly secured and protected during construction.
8. The contractor is required to notify the utility companies if any utility lines are damaged during construction.
9. The contractor must ensure that all utility lines are properly reconnected and tested before construction is complete.
10. The contractor must ensure that all utility lines are properly labeled after construction is complete.

PROPOSED SANITARY PIPE @ 2.08% SLOPE
### Lighting Requirements

#### General Lighting Notes
- All lighting fixtures shall be UL approved and comply with all applicable codes.
- Fixtures shall be maintained in good working order.

#### Proposed Luminaire Schedule

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (XX')</td>
<td>Proposed Calculated Area Lighting</td>
</tr>
<tr>
<td>B (C')</td>
<td>Proposed Isometric Line Lighting</td>
</tr>
<tr>
<td>C</td>
<td>Proposed Area Light</td>
</tr>
</tbody>
</table>

#### General Notes
1. The proposed lighting fixtures shall comply with all applicable codes.
2. Fixtures shall be maintained in good working order.
3. All lighting fixtures shall be UL approved.
4. Fixtures shall be located within the plan set.

#### Proposed Lighting Plan

**Overview:**
- **Purpose:** Light fixtures are proposed to be provided by the contractor, and their placement is subject to the site plan.
- **Constrains:** The site plan indicates the boundaries and existing conditions, guiding the installation of lighting fixtures.

**Lighting Conditions:**
- **Uncontrolled Light Fixtures:** Trimmable wiring and other areas not controlled by the contractor.
- **Trimmed Wiring:** Notified by the contractor.

**Grade Levels:**
- **0.2 Grade:** Excluded from the analysis.

**Additional Observations:**
- Site plan requirements are strictly adhered to, ensuring compliance with all codes and regulations.
- Lighting fixtures are strategically placed to ensure coverage and safety, as indicated by the footcandles and lumens noted.

**Technical Notes:**
- Lighting fixtures are designed to meet minimum efficiency standards, with a minimum of 1 FC and 0.90 wattage.

**Construction:**
- The site plan is subject to change based on the contractor's proposal and any updates from the designer.

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**Diagram:**
- The site plan includes a map of the proposed lighting area, with symbols indicating the placement of light fixtures.
- The diagram is oriented to show the prevailing weather, ensuring optimal lighting conditions.

**Scale:**
- **1" = 20'**

**Notation:**
- The plan set includes annotations for compliance with all applicable codes and regulations.
FACTORS USED IN THE LIGHTING ANALYSIS ARE AS FOLLOWS:

EXISTING

LIGHTING PROVIDED BY THE CONTRACTOR.

MET.

FOOTCANDLE AT 5' ABOVE GRADE, AIMED

THERE ARE NO LIGHT FIXTURES DEPICTED IN THIS PLAN.

THIS SITE PLAN SHALL COMPLY WITH THE NEW YORK STATE LIGHTING REQUIREMENTS AND ON CLIENT STANDARDS.

THE APPROVED LIGHTING FIXTURE IS THE PROPOSED LIGHTING FIXTURE MODEL.

THIS SITE PLAN WILL BE MODIFIED BASED ON THE PROPOSED LIGHTING FIXTURE MODEL.

THE PROPOSED LIGHTING FIXTURES WILL HAVE FULL CONTROLLED LIGHTING.

THE LIGHTING AT GRADE WILL BE LIT WITH CUTOFF ENGINEERING.

THE PROPOSED LIGHTING FIXTURE WILL BE THE EVOLVE LED N SERIES (EANB) AREA LIGHT - ASYMETRIC FORWARD - 13,700 LUMENS.

THE PROPOSED LIGHTING FIXTURES WILL BE FULLY ACCEPTABLE PER NEW YORK STATE LIGHTING REQUIREMENTS.

LIGHTING AT 60" ABOVE GRADE

LIGHTING AT 60" ABOVE GRADE (NORMAL TO LIGHT SOURCE)

LIGHTING AT 0' ABOVE GRADE
SOIL STOCKPILE DETAIL

NOT TO SCALE

STOCKPILE SHALL NOT EXCEED MAXIMUM 3:1 SIDE SLOPE

MAINTAIN SOIL STOCKPILE STABILIZATION THROUGHOUT CONSTRUCTION

INSTALL SILT FENCE AROUND SOIL STOCKPILE (SEE DETAIL)

NOTES:
1. STOCKPILES SHALL BE SITUATED SO AS NOT TO OBSTRUCT NATURAL DRAINAGE OR CAUSE OFF-SITE ENVIRONMENTAL DAMAGE.
2. STOCKPILES SHALL BE STABILIZED IN ACCORDANCE WITH THE STANDARDS FOR PERMANENT OR TEMPORARY VEGETATIVE COVER FOR SOIL STABILIZATION, AS APPROPRIATE (SEE SOIL EROSION NOTES).

35' MAXIMUM HEIGHT
LANDSCAPING NOTES:

1. ALL AREAS TO BE LAYERED 6" (152MM) DEEP IN DISTURBED AREAS.
2. A MINIMUM OF 80 PERCENT OF THE SURFACE AREA OCCUPIED BY VEHICLE PARKING SPACES, INCLUSIVE OF DRIVING AISLES, SHALL BE COVERED BY LIVING MATERIALS, RATHER THAN NON-LIVING MATERIAL.
3. TREES SHALL BE PLANTED WITH 35 FOOT (10.7M) DISTANCE BETWEEN EACH PROJECTED LAYER.
4. A CONTINUOUS LINE OF SHRUBS THAT ACHIEVES COMPLIES A MINIMUM OF 80 PERCENT OF THE SURFACE AREA OCCUPIED BY VEHICLE PARKING SPACES, INCLUSIVE OF DRIVING AISLES, SHALL BE COVERED BY LIVING MATERIALS, RATHER THAN NON-LIVING MATERIAL.
5. THE PARKING AREA OR LOT SHALL BE SCREENED 4 SYRE LINE BY A PRINCIPAL OR ACCESSORY STRUCTURE, EXCEPT WHERE REQUIRED BY THE CODE.
6. MULCH SHALL NOT BE INSTALLED ADJACENT TO THE SURFACE AREA OCCUPIED BY VEHICLE PARKING SPACES, INCLUSIVE OF DRIVING AISLES, UNLESS THE CONTRACTOR RECEIVES SOD.

PLANT SCHEDULE:

<table>
<thead>
<tr>
<th>PLANT TYPE</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>39 HYDRANGEA MACROPHYLLA 'NIKKO'</td>
<td>2 B&amp;B 24&quot; - 30&quot;</td>
</tr>
<tr>
<td>49 VIBURNUM CARLESII 'CAYUGA'</td>
<td>2 B&amp;B 24&quot; - 30&quot;</td>
</tr>
<tr>
<td>16 SPIREA BUMALDA 'GOLDFLAME'</td>
<td>2 B&amp;B 24&quot; - 30&quot;</td>
</tr>
<tr>
<td>12 HYDRANGEA 'PATRICIA'</td>
<td>1 B&amp;B 24&quot; - 30&quot;</td>
</tr>
<tr>
<td>9 JAPANESE TREE LILAC</td>
<td>1 B&amp;B 24&quot; - 30&quot;</td>
</tr>
</tbody>
</table>

LANDSCAPING AND BUFFER REQUIREMENTS:

<table>
<thead>
<tr>
<th>CODE SECTION</th>
<th>REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.01.04.01</td>
<td>TREE ISLAND CONTAINING AT LEAST 80 SQUARE METERS.</td>
</tr>
<tr>
<td>5.01.04.02</td>
<td>BLOOMERANG DWARF LILAC 5 GAL</td>
</tr>
<tr>
<td>5.01.04.03</td>
<td>NORTHERN LIGHTS AZALEA 5 GAL</td>
</tr>
<tr>
<td>5.01.04.04</td>
<td>ILEX CRENATA 'COMPACTA' 5 GAL</td>
</tr>
<tr>
<td>5.01.04.05</td>
<td>GINKO 5 GAL</td>
</tr>
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PROPOSED DESIGN PLAN SHALL BE REMOVED.

72" RIGHT-OF-WAY ISSUED FOR SUBMISSION

4" THICK, APPROVED CLEAN ENTER

MEET GRADE AT PERIMETER AND ON RAMP SHALL HAVE A MAXIMUM RISE OF 6" WITHOUT A HANDRAIL

VEHICLE DIRECTS WHERE STRIP LIGHT CONTRAST 70% OF A BE

T:

DRAWING:

PERMIT OF PREDOMINANT GRID SECTION DETAILS

A PAVEMENT DETECTABLE WARNING 18" AS SHOWN

CURB RAMP WITH DETECTABLE WARNING 4"

TOP OF CURB LICENSED PROFESSIONAL ENGINEER

3"

48"

FLUSH CURB

NOMINAL 0.2"

A 0.9"

6"

CROSSING DETAIL

CURB OF EDGE OF PAVEMENT (SEE DRAWING)

CONCRETE 4,000 PSI AT 28 DAYS

EXPANSION JOINTS OR 6' INTERVALS MAX.

TOP OF PAVEMENT

2.35"

18" MAX

1" DEEP BY

EXTRUDED PLASTIC OR CONCRETE CURB DETAIL

CONCRETE WALKWAY TO ASPHALT TRANSITION DETAIL

CONCRETE WALKWAY DETAIL

ACCESSIBLE PARKING STALL MARKINGS

ACCESSIBLE PARKING SIGN WITH BOLLARD DETAIL

REINFORCED 6" CONCRETE PAT

CONCRETE CURB DETAIL

DEPRESSED CURB DETAIL

CURB RAMP DETAIL

FLUSH CURB DETAIL

SIGN DATA TABLE

PAVEMENT STRIPING & MARKING NOTES AND DETAILS

REINFORCED CONCRETE WALKWAY DETAIL

TRANSITION DETAIL

TRANSITION RAMP DETAIL

PAVEMENT STRIPING & MARKING DETAIL

RIGHT OF WAY

ALBANY COUNTY, NY CITY OF ALBANY

1 HOMESTEAD STREET RAMP SHALL HAVE A MAXIMUM RISE OF 6" WITHOUT A HANDRAIL

11 9 8 4

9 8 4

4 11 9

3

4 1

1 4 3

NOT TO SCALE A-A

SIGN (SEE SITE PLAN FOR EXACT LOCATION)

THE THE

PAINTED LINES PAINTED 12" OR 6" WIDE PAINTED 6" OR 4" WIDE, AZURE BLUE PAINTED LINES PAINTED 4" AZURE BLUE PAINTED WHITE BACKGROUND PAINTED WHITE TOP OF MARKING

ALL SIGNS SHALL BE MOUNTED AS TO NOT OBSTRUCT THE SHAPE OF "STOP" (R1-1) AND (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), EXCEPT AS NOTED.

· LETTERING DETAIL

· CROSSWALK DETAIL

· ACCESSIBLE PARKING STALL MARKINGS

· ARROW DETAIL

· TRANSITION DETAIL

· CURB DETAIL

· CONCRETE RAMP DETAIL

· DEPRESSED CURB DETAIL

· CONCRETE WALKWAY DETAIL

· CONCRETE WALKWAY TO ASPHALT TRANSITION DETAIL

· REINFORCED CONCRETE WALKWAY DETAIL

· SIGN DATA TABLE

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· NOT TO SCALE A-A

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