1. REFER TO CIVIL DWGS FOR ALL ROADWAY LAYOUT, UTILITIES, SITE GRADING AND DRAINAGE.
2. ALL LANDSCAPE TO BE IRRIGATED WITH AUTOMATICALLY CONTROLLED, HIGH EFFICIENCY IRRIGATION SYSTEM WITH POP UP SPRAY HEADS AND DRIP IRRIGATION, WHERE APPLICABLE. BASELINE 1000 CONTROLLER SHALL BE CONSIDERED STANDARD.
3. REFER TO ELECTRICAL DRAWINGS FOR ALL LIGHTING.

**Tree Density Worksheet**

**TOTAL UNITS REQUIRED**

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty.</th>
<th>Unit</th>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Cal. Height</th>
<th>Spread</th>
<th>Cont. Size</th>
<th>Ball Dia./Spacing O.C.</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>TREES</td>
<td>7</td>
<td>ea.</td>
<td>Quercus nuttallii 'QNFTA' P.P.#13526</td>
<td>Highpoint® Nuttall Oak</td>
<td>3 1/2&quot;</td>
<td>14-16'</td>
<td>38&quot;</td>
<td>Root pruned; strong central leader; matched</td>
<td></td>
</tr>
<tr>
<td>UNDERSTORY TREES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SHRUBS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ORNAMENTAL GRASSES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PERENNIALS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FERNS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EPHEMERALS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL UNITS PROVIDED**

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty.</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Trees (Qty., DBH)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Protected Tree Units:</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tree Bank Unit (725 / Units):</td>
<td>1.0 unit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL TDU PROVIDED:</td>
<td>2.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Payment of $1,450 to be made to the tree bank
* Street trees along Grundy and 12th Ave not apart of Calculations
SECTION: DETECTABLE WARNING PAVER (SP-1) ON GRADE

Material: ADA TRUNCATED DOME PAVING STONE
Size: 12" X 12" X 2 3/8" THK
Color: CHARCOAL

NOTES:
1. PROVIDE TEMPORARY WOOD FORMS FOR DIMENSION OF TREE PIT TO RETAIN THE STRUCTURAL SOIL PRIOR TO TREE INSTALLATION. INSTALL FORMS PER THE MANUFACTURER'S RECOMMENDATIONS.
2. PERFORM A POE TEST FOR ALL TREE PITS ONCE EXCAVATED TO 48" DEPTHS. ALL PITS MUST PASS 0.5" PER HOUR. SHOULD ANY ONE OF THE PITS NOT PASS THE POE TEST, THEN ALLOW THE PIT TO DRY AND REPEAT AN ADDITIONAL TEST.
3. PLACE 4" UNDERDRAINS AND TIE TO THE ADJACENT STORM LINES.
4. FILL THE LOWER 12" WITH WASHED AGGREGATE AND THEN PROCEED WITH THE REMAINDER OF THE STRUCTURAL SOIL INSTALLATION.

SECTION: DETECTABLE WARNING PAVER (BP-1) ON GRADE

Material: STANDARD CONCRETE PAVEMENT
Finish: LIGHT BROOM

SECTION: STRUCTURAL SOIL @ SIDEWALK (ST-1)

Material: STRATEGICALLY PLACED DRAINAGE LAYER AS DETERMINED BY THE PERC. TEST EXISTING SUBGRADE

Product Information:
- Manufacturer: HANOVER
- Website: www.HANOVER.com
- Contact: Erin Stewart, 615-477-2138
- Product: ADA TRUNCATED DOME PAVING STONE
- Size: 12" X 12" X 2 3/8" THK
- Color: CHARCOAL

NOTES:
- PROVIDE DETECTABLE WARNING AT ALL CURB RAMPS AND CROSSWALKS. REFER TO CIVIL FOR RAMP DETAIL.
- PROVIDE DETECTABLE WARNING AT ALL CURB RAMPS AND CROSSWALKS. REFER TO CIVIL FOR RAMP DETAIL.
- PERFORM A POE TEST FOR ALL TREE PITS ONCE EXCAVATED TO 48" DEPTHS. ALL PITS MUST PASS 0.5" PER HOUR. SHOULD ANY ONE OF THE PITS NOT PASS THE POE TEST, THEN ALLOW THE PIT TO DRY AND REPEAT AN ADDITIONAL TEST.
- PLACE 4" UNDERDRAINS AND TIE TO THE ADJACENT STORM LINES.
- FILL THE LOWER 12" WITH WASHED AGGREGATE AND THEN PROCEED WITH THE REMAINDER OF THE STRUCTURAL SOIL INSTALLATION.

DETAIL: SPECIALTY PED. CONCRETE PAVEMENT @ GRADE (C-1)

Material: STANDARD CONCRETE PAVEMENT
Finish: LIGHT BROOM

DETAIL: TYP. CONCRETE JOINTS

Material: DETECTABLE WARNING ADJ. VEH. PAVMT, REFER TO MATERIAL PLANS FOR TYPE
- 3/8" EXPANSION JOINT
- FULL DEPTH OF PVMT
- R = 1/2" (TYP.)
- V-BEVEL JOINTS
- REMOVABLE CAP
- 3/8" ROLLED BITUMINOUS SETTING MEDIUM
- 4" ROLLED BITUMINOUS SETTING MEDIUM

NOTES:
- DETECTABLE WARNING: SEE PLAN FOR ACTUAL PLACEMENT OF JOINTS
- V-BEVEL JOINTS TO BE PROVIDED AT CURB AND STREET PLAZA LEVEL, LEVEL 1 AND LEVEL 20 CONCRETE
- V-BEVEL JOINTS TO BE PROVIDED AT CURB AND STREET PLAZA LEVEL, LEVEL 1 AND LEVEL 20 CONCRETE
- V-BEVEL JOINTS TO BE PROVIDED AT CURB AND STREET PLAZA LEVEL, LEVEL 1 AND LEVEL 20 CONCRETE
- BOND BREAKER: 3/8" EXPANSION JOINT FULL DEPTH OF PVMT
15. Immediately after blasting, the firing line shall be disconnected from the blasting area or to resume. If a misfire is found, no other work shall be done except that necessary to remove the hazard of the misfire.

16. No explosive or blasting agents shall be left unattended at the blast site.

17. All blasting operations shall take place between sun-up and sun-down (hours of adequate, good quality stemming material and the covering of blasts with steel or soil, rock or otherwise, as well as the use of stemming to control the size and direction of blast damage. The use of stemming shall be consistent or exceed recommendations contained in the current edition of the American Society of Civil Engineers Manual on Rock Engineering.

2. BMP capacity [sediment traps, silt fences, sedimentation ponds, and other controls identified in the plan] shall be coordinated with the respective utility companies.

5. Litter, construction debris, and construction chemicals exposed to storm water runoff shall be removed from the project site.

6. Erodible material storage areas (including overburden and stockpiles of soil) and paved areas shall be constructed to prevent erosion and shall be maintained in accordance with the America Society of Civil Engineers Manual on Rock Engineering.

9. The following records shall be maintained on or near site: the dates when major work is performed, the dates when inspection records are made, and the dates when rainfall records are made. Contractor shall maintain a daily log. Explosives not being used shall be kept in a locked magazine unavailable to persons not authorized to handle them. The contractor shall furnish and install all necessary temporary works for the protection of the work, including barricades, warning signs, and lights.

4. The contractor must understand that the work is entirely at his risk until same is approved by the Tennessee Department of Transportation. The contractor shall be responsible for any damage to the work due to failure to follow the instructions or to the use of improper or unsatisfactory materials or workmanship.

3. Pre-construction vegetative ground cover shall not be destroyed, removed, or otherwise prevented from becoming a pollutant source for storm water discharge. No swimming, boating, or fishing shall be allowed in or near the storm water drainage system. No pooling of drainage in the roadway will be permitted.

7. Contractor shall use every reasonable precaution, including, but not limited to, the use of power sources other than those that may result in the generation of electromagnetic fields, to reduce the possibility of electromagnetic interference with the operation of vehicles or other equipment on the site.

10. The use of black powder shall be prohibited.

11. Contractors shall not be responsible for damage to real or personal property, or interference with the use or enjoyment of any property by reason of blasting or the resulting vibration or concussion. The contractor shall not be responsible for any damage to the property of others caused by the contractor's negligence.

21. No blasting to be done within 25' of finished water or sewer line.
AS-BUILT NOTE:
- Genericons: Founded "eeleace". More about our services: www generado.com".
- Underestimations not easier quality references.
- Please review project with geological advisor.
- Dates noted must be observed.
- For further information...

The entire development process from design to completion is guided by comprehensive procedures and comprehensive


time within the construction process.

LEGEND
- LIMIT OF DISTURBANCE & PERM. MEASURES
- PROPERTY LINE
- CONSTRUCTION EXIT
- CONCRETE WASHOUT
- TEMPORARY CONSTRUCTION STORAGE TRAILERS

UTILITY (SEWER): 2020054609
UTILITY (WATER): 2020054608

1111 CHURCH STREET RESIDENCES

DOWNTOWN NASHVILLE, DAVIDSON COUNTY, TENNESSEE

EXCAVATION FFE NOTE
ALL GRADES SHOWN REPRESENT FINISHED GRADE ELEVATIONS AND DO NOT FACTOR IN SLAB THICKNESS OR ANY ADDITIONAL DYE-EX below the finished surface.
SITE GENERAL NOTES
1. The contractor shall notify the office of the Director of Public Works or the Director of the appropriate utility company in advance of any excavation or disturbance to the underground utilities infrastructure, or any other proposed work to be conducted on or below the street surface. The Director of Public Works or the Director of the appropriate utility company shall be notified in writing of any excavation or disturbance to the underground utilities infrastructure, or any other proposed work to be conducted on or below the street surface. The Director of Public Works or the Director of the appropriate utility company shall review the plans and specifications for the proposed work and require that the contractor comply with the Department of Public Works' standards and regulations. The Director of Public Works or the Director of the appropriate utility company shall also be notified of any plan changes or alterations to the plans and specifications, which may affect the underground utilities infrastructure.

2. The contractor shall be responsible for ensuring that all work is performed in a professional and workmanlike manner, and that all work is completed in accordance with the plans and specifications. The contractor shall also be responsible for ensuring that all work is completed in accordance with the applicable laws, codes, regulations, and ordinances. The contractor shall also be responsible for ensuring that all work is performed in accordance with the recommended practices and procedures for the protection of the underground utilities infrastructure.

3. The contractor shall be responsible for ensuring that all work is performed in a manner that will not cause damage to the underground utilities infrastructure. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the property or the public. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the environment.

4. The contractor shall be responsible for ensuring that all work is performed in a manner that will not cause damage to the underground utilities infrastructure. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the property or the public. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the environment.

5. The contractor shall be responsible for ensuring that all work is performed in a manner that will not cause damage to the underground utilities infrastructure. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the property or the public. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the environment.

6. The contractor shall be responsible for ensuring that all work is performed in a manner that will not cause damage to the underground utilities infrastructure. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the property or the public. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the environment.

7. The contractor shall be responsible for ensuring that all work is performed in a manner that will not cause damage to the underground utilities infrastructure. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the property or the public. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the environment.

8. The contractor shall be responsible for ensuring that all work is performed in a manner that will not cause damage to the underground utilities infrastructure. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the property or the public. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the environment.

9. The contractor shall be responsible for ensuring that all work is performed in a manner that will not cause damage to the underground utilities infrastructure. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the property or the public. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the environment.

10. The contractor shall be responsible for ensuring that all work is performed in a manner that will not cause damage to the underground utilities infrastructure. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the property or the public. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the environment.

11. The contractor shall be responsible for ensuring that all work is performed in a manner that will not cause damage to the underground utilities infrastructure. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the property or the public. The contractor shall also be responsible for ensuring that all work is performed in a manner that will not cause damage to the environment.
SANITARY LINE B

SANITARY LINE A

DEPARTMENT OF PUBLIC WORKS

PUBLIC SANITARY SEWER PLAN AND PROFILES

MAY 15, 2020

1111 CHURCH STREET RESIDENCES

BUILDING PERMIT: XXXX

UTILITY (SEWER): T202004608

UTILITY (WATER): 202004608

SERVICES TO THE NEW DEDICATED SEWER LINE

CURB INLET * 2

15''S

CURB INLET

SIDEWALK (TYPICAL)

12TH AVE. NORTH

CURB INLET

8''

24'' RCP

CURB INLET

30" Brick Sewer (See Note 4)

FDC

STA. 4+15

MH A10

STA. 0+00

MH A0

STA. 1+96

MH A3

STA. 5+69

MH A7

Rim El = 440.5

Rim El = 439.5

Rim El = 439.5

Rim El = 428.60

Rim El = 427.62

Rim El = 427.07

Rim El = 426.35

Rim El = 432.77

Rim El = 436.22

Rim El = 431.7

Rim El = 431.5

Rim El = 430.3

Rim El = 430.7

Rim El = 435.61

Rim El = 434.25

Rim El = 436.32

Rim El = 437.35

Rim El = 437.35

Rim El = 432.54

Rim El = 436.42

Rim El = 438.7

Rim El = 431.65

@ 0.40%

@ 0.40%

@ 0.40%

@ 4.41%

@ 3.00%

@ 4.41%

15' of 15" PVC

40' of 15" PVC

155' of 15" PVC

15" PVC

66" Sewer

12" WATERLINE

8" GAS LINE

EX. 24" RCP

EX. 18"

EX. WATER

DOWNTOWN NASHVILLE, DAVIDSON COUNTY, TENNESSEE

75' of 15" DIP

SEWER (IN)

SEWER (OUT)

EX. DUCTBANK (TYP)

EXTERNAL DROP STRUCTURE

@ 0.40%

EL=433.48 IN

EL=433.28 OUT

EL=428.24 OUT

EL=427.42 OUT

EL=427.27 IN

EL=426.35 IN

EL=432.77 IN

EL=426.15 OUT

EL=423.17 OUT

EPRI #1 2020.09.04

INITIAL MWS SUBMITTAL 2020.08.07

FDC

STA. 1+12

MH A2

Rim El = 438.7

MWS RESUBMITTAL 2020.10.09

FINAL SITE PLAN REVIEW 2020.11.11
Know what's below. Before you dig. Call 1111 CHURCH STREET RESIDENCES DOWNTOWN NASHVILLE, DAVIDSON COUNTY, TENNESSEE

SHEET HAS BEEN OPTIMIZED FOR COLOR PRINTING

SHEET HAS BEEN OPTIMIZED FOR COLOR PRINTING

HEAVY DUTY CONCRETE

LIGHT DUTY CONCRETE

Buildings of 100 feet or less pipe all the way to the curb. All other structures pipe all the way to the property line. All structures to be back-filled to a minimum of 18 inches and compacted. All structures to be back-filled to a minimum of 18 inches and compacted.
1111 CHURCH STREET RESIDENCES

SCALE: 1/16" = 1'-0"

1 P2 FLOOR PLAN

2 P1 FLOOR PLAN (BELOW GRADE)

28,046 SF

RETAIL 01
2-247
13,483 SF

RETAIL 02
P2-201
437' - 0"

439' - 8"

436' - 0"

439' - 0"

441' - 0"

6 BICYCLE PARKING SPACES

8 BICYCLE PARKING SPACES

RAMP UP TO EXIT 355 SF

STORAGE
1111 CHURCH STREET RESIDENCES
NASHVILLE, TN  11/10/20

1ST FLOOR PLAN - PERVERUS
SCALE: 1/16" = 1'-0"

2ND FLOOR PLAN - PERVERUS
SCALE: 1/16" = 1'-0"

3RD-21ST FLOORS - TYPICAL RESIDENTIAL PLAN
SCALE: 1/16" = 1'-0"

PERVIOUS SURFACE DIAGRAMS:
17,638 SF PERVIOUS SURFACE PROVIDED