

Water and Sewer Notes

- All water and sewer construction shall be in accordance with specifications and standard details of the Metro Water Services.
- The contractor is responsible for reimbursing the metro water services the cost of inspection.
- The contractor is to provide and maintain the construction identification sign for private development approved.
- All connections to existing manholes shall be by coring and resilient connector method.
- Reduced pressure backflow prevention devices (rpbp) or dual check valve will be required on all test and fill lines (jumper) needed for water main construction and must be approved by the metro water services.
- All water meters shall be a minimum of 24" not to exceed a maximum of 28" below finished grade.
- Pressure regulating devices will be required on the customer side of the meter when pressures exceed 100 psi.
- Pressure regulating devices will be required on the street side of the meter when pressures exceed 150 psi.
- After completion of the sanitary sewer, the developer is responsible for the televising of the lines prior to final acceptance. The videotaping must be coordinated with the Metro Water Services inspection section. All costs will be borne by the developer.
- Upon completion of construction of water and/or sewer, the engineer shall provide the Metro Water Services department with a complete set of as-built plans on moist erasable mylars in reverse and in digital (.dwg) format. Sewer plans shall be sealed by a licensed professional engineer or a registered land surveyor and shall include actual field angles between lines, all actual service lines and tee locations, the distance of the end of the service line to property corners and lines and/or station and offset from sewer centerline to end of service line, the depth to the top of the end of the service line, and shall reflect all alignment and grade changes. Water line plans shall be sealed by a licensed professional engineer or a registered land surveyor and shall include offset distance from the roadway centerline, or property line right of way, line depth, locations of hydrants, valves, reducers, tees and pressure reducing devices where applicable. All drawings must be completed and submitted prior to acceptance of the sewers or water mains into the public system and any connections being made.
- All water mains must be located within the paved area including all blow-off assemblies.

Landscape Notes

- The landscape contractor shall coordinate all construction with the appropriate utility company and shall be responsible for and damage to utilities, the landscape contractor shall verify the exact location of all utilities and take precautions to prevent damage to the utilities.
- All planting and mulch beds shall be sprayed with round-up (contractor's option) prior to the installation of mulch.
- Plant materials and stumps indicated for removal shall be removed and disposed off-site by the contractor. Backfill holes with topsoil free of roots and rocks.
- The landscape contractor shall be responsible for the fine grading of all planting areas.
- All planting areas shall be fertilized with 12#/1000 s.f. of 10-10-10 fertilizer.
- All planting beds shall have a minimum of 3" depth of shredded hardwood bark mulch.
- The landscape contractor shall verify all material quantities. In the event of a discrepancy, the quantities shown on the plan will take precedence.
- The landscape contractor shall provide the owner with written instructions on the proper care of all specified plant materials prior to final payment.
- Existing trees to remain shall be protected from construction damage. Selectively prune dead wood.
- All disturbed areas shall be planted with turf as indicated on the materials schedule.
- All deciduous trees, existing and proposed shall be pruned to provide 4' minimum clear trunk unless otherwise noted.
- The landscape contractor shall provide a one year warranty on all plant materials and replace any dead or dying material within that time period.
- No plant materials should be substituted without authorization by Dale & Associates. Plant sizes shown are minimums required by the local municipality and materials shown have been selected specifically for this project.
- All wire baskets shall be completely removed and disposed of, burlap should be removed or punctured in at least 5 places. Remove all twine from burlapped materials.
- Guying is not allowed unless required by municipality or site conditions. The landscape contractor shall remove wires after a one year period.
- No canopy tree shall be located within 15' of an overhead utility. No tree shall be located within a public utility easement. Locating plant materials within a drainage easement is acceptable, but only if installed as not to disturb existing drainage flow. In such instances, the materials shall be located no closer than 5' from the centerline of drainage.
- Lighting plan to be coordinated with proposed planting plan. No light poles to be located in tree islands. See lighting plan for proposed light locations.

Public Works Notes

- All work within the public right of way requires an excavation permit from the department of public works.
- Proof-rolling of all street subgrades is required in the presence of the public works inspector. Inspection of the binder course is required prior to final paving in the presence of the public works inspector. These requests are to be made 24 hours in advance.
- Stop signs are to be 30 inch by 30 inch.
- Street signs to have six inch white letters on a nine inch green aluminum blade, high intensity reflective.
- All pavement marking are to be thermoplastic.

Architectural Notes

Building elevations for all street facades shall be provided with the final site plan. The following standards shall be met:

- Building facades fronting a street and courtyard shall provide a minimum of one principal entrance (doorway) and a minimum of 15% glazing.
- Windows shall be vertically oriented at a ration of 1.5:1 or greater.
- EIFS, vinyl siding, and untreated wood shall be prohibited.
- A raised foundation of 18"-36" is required for all residential structures.
- Porches shall provide a minimum of six feet of depth.
- Additional windows, glazing, or other architectural treatment shall be provided on the western (street facing) side of Unit #1 to address the street.

Erosion Control and Grading Notes

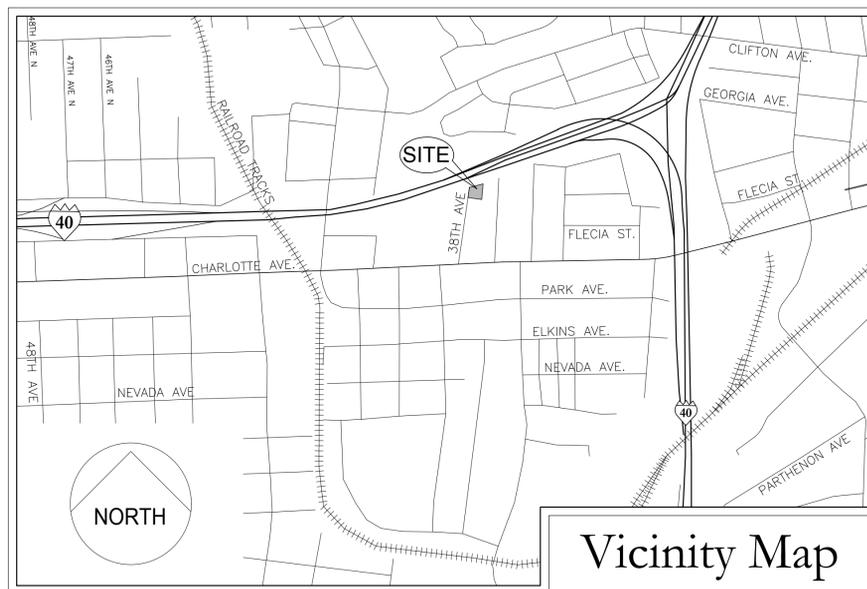
- Expose as small an area of soil as possible on the site for no more than 15 days. Keep dust within tolerable limits by sprinkling or other acceptable means.
- All cutfill areas to have a minimum of 6" of topsoil cover. Areas dressed with topsoil shall receive 12 lbs. per 1000 sq. ft. of 10-10-10 fertilizer (unless otherwise specified in written specifications), 5 lbs. or more of Kentucky 31 fescue seed per 1000 sq. ft., and a straw mulch cover of 70%-80% coverage (approximately 125 lbs. per 1000 sq. ft.), unless otherwise noted within written specifications.
- Erosion control barrier is called out on plans and is to comply with the Metropolitan stormwater management manual, volume four, section TCP-14.
- Disturbed areas are to be graded to drain as indicated in the plan to sediment barriers during and upon the completion of construction.
- The contractor shall be responsible for the verification and the location of any existing utilities. It shall be the responsibility of the contractor to avoid damage to all existing utilities during construction. If damage does occur to any such installation, full repair will be accomplished as per the current specification governing such work.
- Any access routes to the site shall be based with crushed stone, ASTM #1 stone, 100' long and at least 6" thick.
- The placing and spreading of any fill material is to be started at the lowest point and brought up in horizontal layers of 8" thickness (or as directed by the soils investigative report). Said fill material is to be free of sod, roots, frozen soils, or any other decomposable material. Said fill is to be compacted to a minimum of 95% standard proctor, or as otherwise specified by the soils report or written specifications.
- The contractor shall notify the Metro Davidson County department of Public Works construction compliance division, three days prior to beginning the work.
- The contractor shall locate and stake the layout of the site in the field for inspection by the engineer. The contractor shall check the grades and final dimensions on the ground, and report any discrepancies to the engineer immediately for a decision.
- Surplus excavation of topsoil shall be placed on the site as approved by the owner for the purpose of future landscape use.
- The contractor shall furnish and install all necessary temporary works for the protection of the public and employees, including warning signs and lights.
- The contractor shall be responsible for any damage done to the premises or adjacent premises or injuries to the public during the construction caused by himself, his sub-contractors, or the carelessness of any of his employees.
- All work is to be completed with compliance to the rules and regulations set forth by Metro Water Services. The contractor shall give all necessary notice, obtain all permits, and pay fees required for the completion of his portion of the work. He shall also comply with all city, county and state laws and ordinance or regulations relating to portions of work which he is to perform.
- All erosion control measures shall remain in place until site is stabilized & construction is complete.
- Contractor to provide an area for concrete wash down and equipment fueling in accordance with metro CP-10 and CP-13, respectively. Contractor to coordinate exact location with NPDES department during the pre-construction meeting. Grading permittee to include bmp's designed to control site wastes such as discarded building materials, chemicals, litter and sanitary wastes that may cause adverse impacts to water quality. The location of and/or notes referring to said bmp's shall be shown on the EPSC plan.
- The buffer along waterways will be an area where the surface is left in a natural state, and is not disturbed by construction activity. This is in accordance with the Stormwater Management Manual Volume 1 - Regulations.
- Drawing is for illustration purposes to indicate the basic premise of the development, as it pertains to Storm Water approval / comments only. The final lot count and details of the plan shall be governed by the appropriate Storm Water regulations at the time of final application.

Standard SP Notes

- The purpose of this SP is to receive preliminary approval to permit the development of a 10 unit multi family detached residential development.
- Any excavation, fill or disturbance of the existing ground elevation must be done in accordance with Storm Water Management Ordinance No. 78-840 & Approved by the Metropolitan Department of Water Services.
- This Property does Not Lie Within a Flood Hazard Area as Depicted on the Current Flood Insurance Rate Maps (FIRM) Numbers 47037CO403H dated 4/5/2017.
- All public sidewalks are to be constructed in conformance with metro public works sidewalk design standards.
- Wheel chair accessible curb ramps, complying with applicable metro public works standards, shall be constructed at street crossings.
- The required fire flow shall be determined by the metropolitan fire marshal's office, prior to the issuance of a building permit.
- Size driveway culverts per the design criteria set forth by the Metro Stormwater Manual (minimum driveway culvert in Metro right of way is 15" CMP).
- Metro Water Services shall be provided sufficient & unencumbered ingress & egress at all times in order to maintain, repair, replace & inspect any stormwater facilities within the property.
- Individual water and/or sanitary sewer service lines are required for each lot.
- The development of this project shall comply with the requirements of the Adopted Tree Ordinance 2008-328 (Metro Code Chapter 17.24, Article II, Tree Protection and Replacement; and Chapter 17.40, Article X, Tree Protection and Replacement Procedures).
- Minor modifications to the preliminary SP plan may be approved by the Planning Commission or its designee based upon final architectural, engineering or site design and actual site conditions. All modifications shall be consistent with the principles and further the objectives of the approved plan. Modifications shall not be permitted, except through an ordinance approved by Metro Council that increase the permitted density or floor area, add uses not otherwise permitted, eliminate specific conditions or requirements contained in the plan as adopted through this enacting ordinance, or add vehicular access points not currently present or approved.
- For any development standards, regulations and requirements not specifically shown on the SP plan and/or included as a condition of commission or council approval, the property shall be subject to the standards, regulations and requirements of the RM9-A zoning district as of the date of the applicable request or application.
- The final unit count and details of the plan shall be governed by the appropriate regulations at the time of final application.
- The final SP shall depict required public sidewalks, any required grass strip or frontage zone and the location of all existing and proposed vertical obstructions within the required sidewalk and grass strip or frontage zone. Prior to issuance of use and occupancy permits, existing vertical obstructions shall be located outside of the required sidewalks. Vertical obstructions are only permitted within the required grass strip or frontage zone.
- Non owner occupied short term rentals are not allowed within this development.
- Any retaining wall located along 38th Ave. North within the 15' front setback that exceed a height of 36", shall have a front facade of a material other than concrete block.

Preliminary SP 38th Avenue North

Map 92-09 Parcels 175 & 176 Nashville, Davidson Co., Tennessee Case No. 2018SP-037-001



Vicinity Map

SHEET SCHEDULE

C0.0
C1.0

Project Notes and Standards Existing Conditions, Layout and Utility Plan & Grading and Drainage Plan

Development Summary

Owners of Record
422 & 422 38th Avenue North Partners
4121 Hillsboro Pike Ste 302
Nashville TN, 37215
Phone:
Email:

Developer
Nick Spiva
4121 Hillsboro Pike Ste 302
Nashville TN, 37215
Phone:
Email:

Civil Engineer and Surveyor
Dale & Associates (Adam Seger, PE)
516 Heather Place
Nashville, Tennessee 37204
615.297.5166

Property Information
Map 92-09 Parcels 175 & 176
420-422 38th Ave. North
Nashville, TN 37209
Zoned: CS
Parcel 175 - 0.28 ac
Parcel 176 - 0.16 ac
Total Site Area: 0.44 Ac
Council District 24 - Kathleen Murphy

Floodnote
This Property does Not Lie Within a Flood Hazard Area as Depicted on the Current Flood Insurance Rate Maps (FIRM) Number 47037CO239H dated 4/5/2017.

Benchmark
PK Nail set in asphalt driveway along the easterly right-of-way of 38th Ave. North
Elev: 614.24 (NAVD 88)

Electric Service
Nashville Electric Service (NES)
1214 Church Street
Nashville, Tennessee 37246
615.747.6807

Gas Service
Nashville Gas (Piedmont)
615.734.0734

Water and Sewer Service
Metro Water Service
1600 2nd Avenue North
Nashville, TN 37208
615.862.4598

Telephone Service
Bellsouth
866.620.6000

Utility Location
Tennessee One-Call
800.351.1111

Specific Plan Development Summary

Use	This SP allows for the following :
Project Area	10 Multi-Family Units
Property zoning: SP	19,166 sq ft or 0.44 Acres
Minimum lot size	N/A
Number of Residential Units/Density	10 units / 22.73 units per acre
FAR	N/A
ISR	0.70 max
Street Setbacks	15' measured from R.O.W.
Side yard	3' min. Perimeter
Rear yard	20' measured from Property Line
Height standards	40' measured to roof line

Parking and Access

Ramp Location and Number	(1) - 38th Avenue North
Distance to nearest existing ramp (Min. 30')	38th Ave North - 320 to the south
Distance to intersection	Charlotte Ave - 720 to the south
Required Parking	Min 2 spaces per unit
Provided Parking	20 covered stalls

Storm Water
Approval

Water / Sewer
Approval



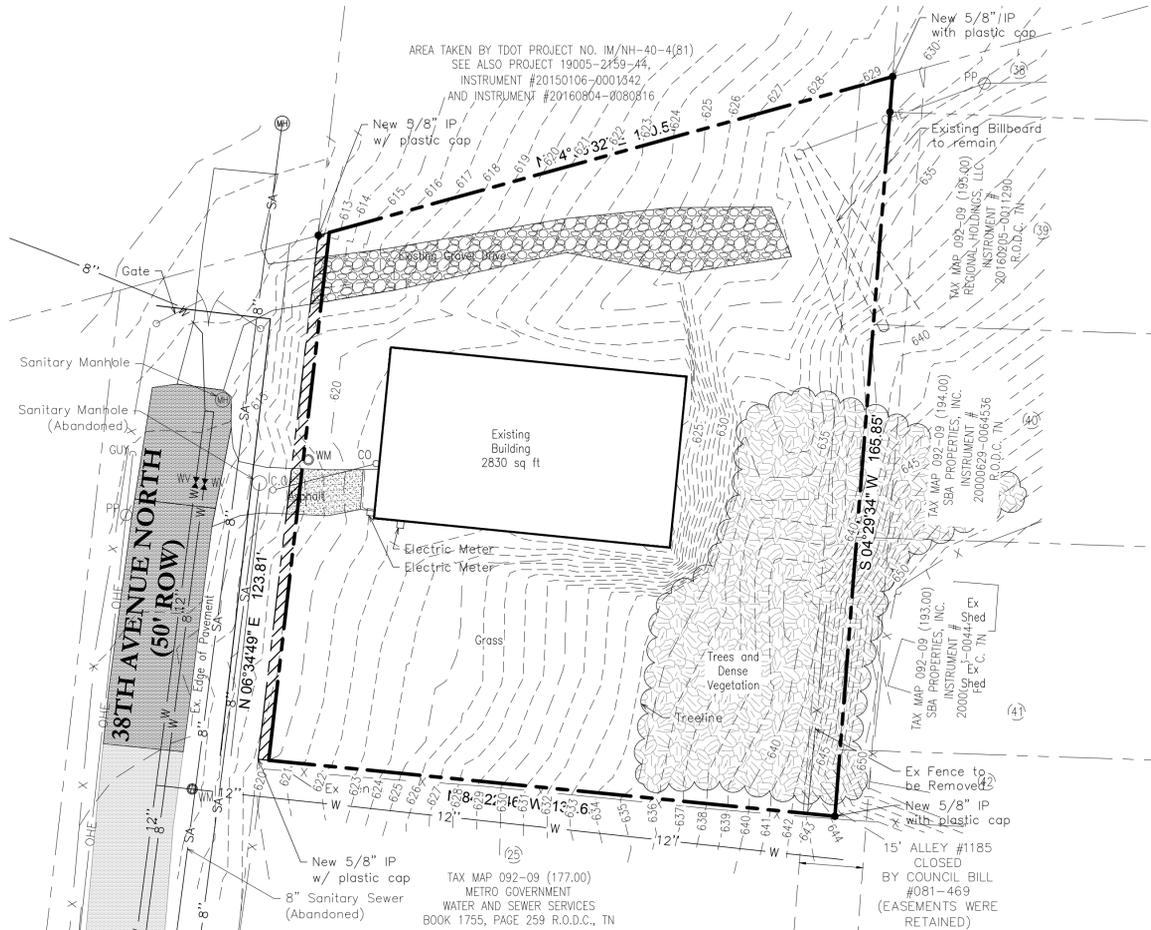
PERMITS:
Case No. 2018SP-037-001
SWGR # TYYYY#####
YY-SL-####
YY-WL-####

Dale & Associates
Civil Engineering, Land Planning & Zoning
Surveying
516 Heather Place
Nashville, TN 37204
(615) 297-5166

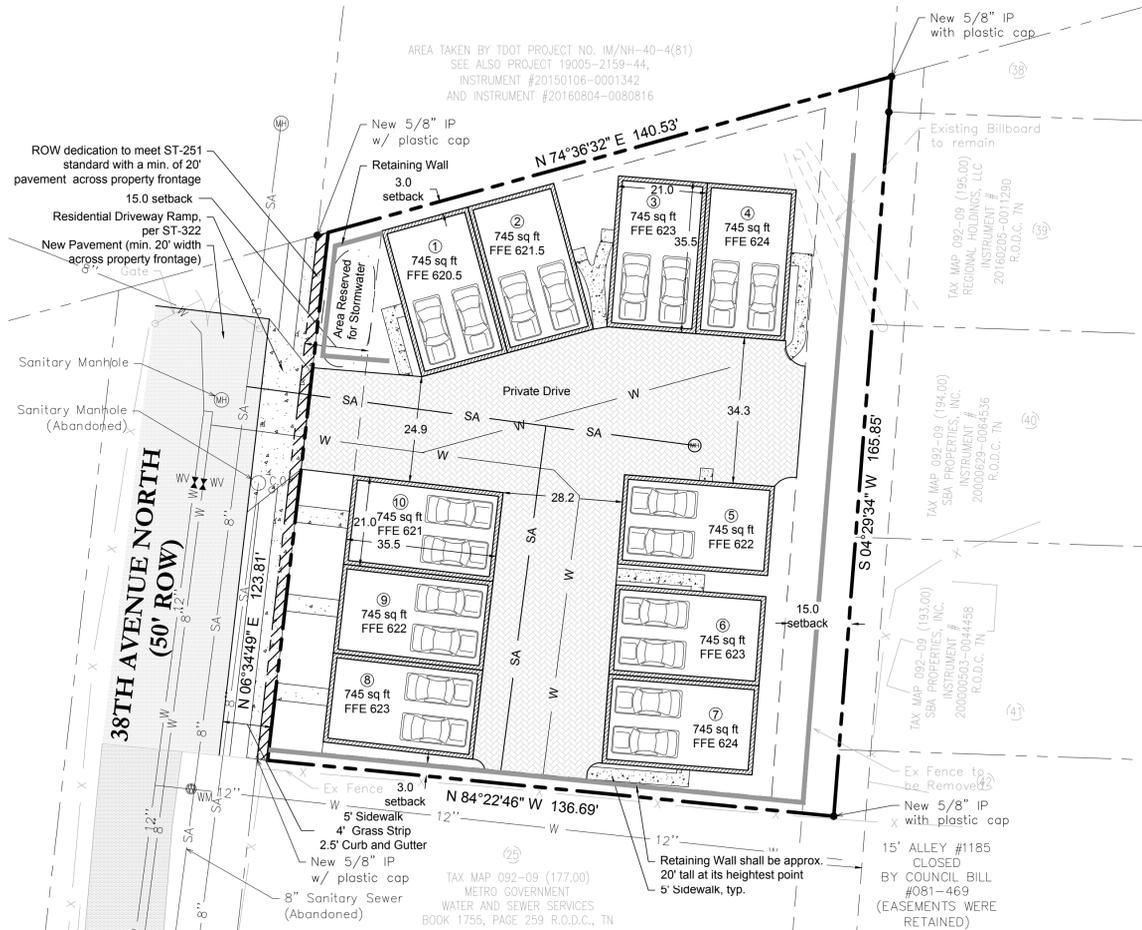
D&A Project #17123

38th SP

C0.0



Existing Conditions



Layout and Utility Plan



Grading and Drainage Plan

- Utility Notes**
- Water and sewer service to be provided by Metro Water Services.
 - Water and sewer services are schematically shown. Final water and sewer service locations will be provided during Final SP process.
 - Irrigation will be provided in more detail on final plan. Irrigation to be design/build by landscape contractor.

- Stormwater Notes**
- The soil types for this site is MsD, which is a "C" hydrological soil group.
 - This project will disturb less than 1 acre, therefore, a NOI will not be submitted to TDEC during final SP process.

Pre / Post Calculations

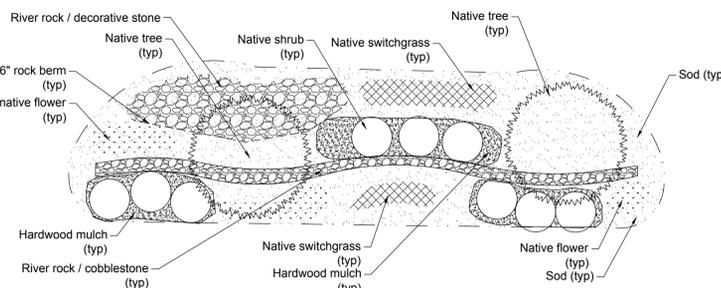
Pre-Development

Total Site Area = 0.46 Acres	
Pre - Developed Impervious	=0.10 ac @ 98
Pre - Developed Grass 'C'	=0.34 Ac @ 79
	Composite CN = 83.0

Post-Development

Total Site Area = 0.46 Acres	
Post - Developed Impervious	=0.34 ac @ 98
Post - Developed Grass 'C'	=0.10 Ac @ 79
	Composite CN = 94.0

Preliminary calculations above show that the development of this site will increase the amount of stormwater runoff. Therefore, stormwater detention features will be required - the areas of which are highlighted on this plan.



TYPICAL RAIN GARDEN PLANTING
N.T.S.

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 Total Site Area: 0.44 ac
 Council District 24 - Kathleen Murphy

Developer / Owners of Record
 Spiva Hill Properties
 4121 Hillsboro Rd, Suite 302
 Nashville, TN 37215
 Phone: 615.482.4464
 Email: nick@spivahill.com

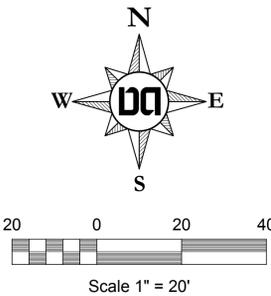
Civil Engineer and Surveyor
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Storm Water Approval

Water / Sewer Approval

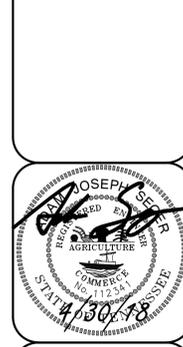


Drawing Date:
March 5, 2018

Revisions
Initial Comments
4/18/18

Preliminary SP

38th Ave. North
 Map 92-09 Parcels 175 & 176
 Nashville, Davidson County, Tennessee



Ex. Conditions
Layout & Utility
and
Grading /
Drainage Plans

PERMITS:
 Case 2018SP-037-001
 SWGR # TYYYY#####
 YY-SL-####
 YY-WL-####

Dale & Associates
 Civil Engineering & Surveying
 Land Planning & Zoning

D&A Project #17123
 38th Ave N.
C1.0