

FINAL SP (2017 SP-095-003)

THE MOORE OFFICE BUILDING

(FORMERLY NAMED 19TH & CHET ATKINS OFFICE BUILDING SP)

SITE DATA

PURPOSE NOTE

This is a Final SP for a mixed-use building with 5236,000 SF.

EXISTING PROPERTY INFORMATION

COUNCIL DISTRICT NUMBER:	19
DISTRICT COUNCIL MEMBER:	FREDDIE O'CONNELL
PROPERTY OWNER:	19TH AVE LAND PARTNERS, LLC 144 2ND AVE. N. #300 NASHVILLE, TN 37201
PARCELS & ACREAGE:	09216026700 33,257 SF (0.76 AC) 6,069 SF TOTAL (3 BUILDINGS)
EX. BUILDING SF:	92-16
TAX MAP:	09216026700
METRO GIS ID:	825 19TH AVE S
STREET ADDRESS:	NASHVILLE, TN 37203
ZONING:	ORI-AVIO-UZO, OFFICE/RESIDENTIAL INTENSIVE ALTERNATIVE
LAND USE:	COMMERCIAL, OFFICE, PARKING LOT
COMMUNITY PLAN:	GREEN HILLS-MIDTOWN COMMUNITY PLAN
POLICY AREA:	10-MT-T5-MU-02, MID-RISE IN GREEN HILLS/MIDTOWN OVERLAY (8-20 STORIES)
BUILDING SETBACKS:	
FRONT:	0'-15" Measured from back of sidewalk
SIDE:	0' Measured from back of sidewalk
REAR:	0' Measured from back of sidewalk
MAX HEIGHT:	N/A
BUFFER YARDS:	3:00
MAX FAR:	0.90
MAX ISR:	0.90

PROPOSED DEVELOPMENT SUMMARY

APPLICATION DATE:	7-10-17
SP NUMBER:	2017SP-095-003
ZONING:	SP (COMMERCIAL MIXED USE)
LAND USE:	COMMERCIAL OFFICE
LAND USE ALLOWED SF:	MAXIMUM OF 236,000 SF OF GENERAL OFFICE OF WHICH 10,000 SF OF THIS MAY BE UTILIZED FOR RETAIL OR OTHER USES PERMITTED IN THE ORI-A ZONE.
LAND USE PROPOSED SF:	MAXIMUM OF 236,000 SF OF GENERAL OFFICE OF WHICH 10,000 SF OF THIS MAY BE UTILIZED FOR RETAIL OR OTHER USES PERMITTED IN THE ORI-A ZONE.

BULK REGULATIONS		
BUILDING SETBACKS		
FRONT:	0'-15"	Measured from back of sidewalk
SIDE:	0'	Measured from back of sidewalk
REAR:	0'	Measured from back of sidewalk
PROPOSED FAR:	7.10MAX ISR:	0.97

PARKING SUMMARY SEE CHART BELOW

REQUIRED PARKING STATEMENT: BASED ON METRO REQUIREMENTS FOR USES. (17.20.030)

REQUIRED BICYCLE STATEMENT: BASED ON METRO REQUIREMENTS (BL2014-714)
 SEE TRANSPORTATION DEMAND MANAGEMENT PROGRAM SECTION ON THIS SHEET

Parking Requirements (per 17.20.030)	
Description	Spaces
General Office (236,000 sqft): 1 space per 300 sqft	753
All Other Non-Residential Uses Permitted by the ORI-A Zoning District, Furniture Store, or Nanobrewery (10,000 sqft): Restaurant, Full Service used for requirement calculations (Max. potential use). Final parking count to be determined with tenant finish-out. 1 space per 100 sqft	100
Total Required Parking Spaces (Non-adjusted)	853

Parking Adjustments Available (per 17.20.040)	
Description	Spaces
General Office (236,000 sqft): UZ0 district: First 2,000 square feet; exempt: 1 space per 500 square feet for floorspace in excess of 2,000 square feet	448
All Other Non-Residential Uses Permitted by the ORI-A Zoning District, Furniture Store, or Nanobrewery (10,000 sqft): UZ0 district: First 1,000 square feet; exempt: 1 space per 150 square feet for floorspace in excess of 1,000 square feet	60
Total Required Parking Spaces (UZ0)	508

Parking Proposed	
Description	Spaces
Parking Spaces Proposed:	596
ADA Parking Spaces Required:	
401-500 spaces: 9 total with 2 van spaces	12
501-1,000 spaces: 2% of total parking provided in each lot	
General office: 1 space	2
Commercial: 1 space	

Bicycle Parking Requirements (per 17.20.135)	
Description	Spaces
General Office: 2 publicly available spaces per establishment or 1 space per 15,000 square feet, whichever is greater	15
Retail: 4 publicly available spaces per establishment	8
Total Required Bicycle Parking	23
Total Provided Bicycle Parking	45
Provided Bicycle Parking at Indoor/Amenity Area	25
Provided Bicycle Parking at Outdoor/Public Area	20

DEVELOPMENT STANDARDS

- Buildings shall avoid continuous uninterrupted blank facades. At a minimum, the facade plane shall be interrupted by one of the following for every fifty (50) linear feet of street frontage:
 - A change in building material
 - A horizontal undulation in the building facade of three (3) feet or greater
 - A window, porch, stoop or balcony
- Sidewalks shall be constructed to the standard of the Major and Collector Street Plan or, if on a local street, to local street standards. The build-to-zone for alternative zoning districts shall be measured shall be measured from the Standard right-of-way line as established by the table entitled "Standard Street Right-of-Way Widths" in the Major and Collector Street Plan.

GENERAL NOTES

- Any standard not specifically addressed herein shall comply with the ORI-A base zoning requirements as of the application date of this Preliminary SP.
- Lot is to be served with public water and sanitary sewer.
- Site, open spaces, water quality & detention facilities to be maintained by property owner or property owner's association.
- Refuse collection, recycling and mechanical equipment shall be fully screened from public view by the combination of fences, walls or landscaping (Section 17.24.060 of the Metro Zoning Code).
- The developer's final construction drawings shall comply with the design regulations established by the Department of Public Works. Final design may vary based on field conditions.
- All work in the public right-of-way requires a permit from the Department of Public Works.
- Storm water will be routed through a stormwater quality management system, sized per the design criteria set forth by the Metro Stormwater Management Manual.
- Approval of any specific plan does not exempt any parcel shown on the plan or any development within the SP from compliance with all provisions of the Metro Zoning Code with respect to floodplain, steep slopes, unstable soils, sinkholes, rock outcroppings, streams, springs and critical lots.
- If required, a subdivision plat will be submitted with the Final SP documents.
- The final site plan/building permit site plan shall depict the 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 the issuance of use and occupancy permits, existing vertical obstructions shall be relocated outside of the required sidewalk. Vertical obstructions are only permitted within the required grass strip or frontage zone.
- Billboards shall not be permitted.
- Sidewalk construction to comply with MCSF. Sidewalks are to be located within dedicated R.O.W.
- FEDERAL COMPLIANCE:** All development within the boundaries of this plan shall meet the requirements of the Americans with Disabilities Act and the Fair Housing Act.
ADA: <http://www.ada.gov>
US Justice Dept: <http://www.usdoj.gov/eo/11917.html>
- 78-840 NOTE:** Any excavation, fill or disturbance of the existing ground elevation must be done in accordance with Storm Water Management Ordinance No. 78/840 and approved by the Metropolitan Dept. of Water Services.
- ACCESS NOTE:** Metro Water Services shall be provided sufficient & unencumbered access in order to maintain and repair utilities in this site.
- FIRE DEPT. NOTE:** Fire-flow shall meet the requirements of the International Fire Code - 2012 Edition, as amended.
- DEVELOPMENT SCHEDULE:** It is anticipated that the project will begin construction in the 1st quarter of 2020 and will take 12-16 months to be completed.
- FEMA NOTE:** No portion of this parcel described herein lies within flood hazard area in accordance with "Insurance Rate Map Panel No. 470040-0243F", dated: April 5, 2017 (panel not printed).
- SURVEY NOTE:** Topographic information and boundary information taken from surveys prepared by Barge-Waggoner-Summer, & Cannon, Inc dated August 29, 2017.
- BUFFER NOTE:** The buffer along waterways will be an area where the surface is left in a natural state is not disturbed by construction activity. This is in accordance with the Stormwater Management Manual Volume 1 Regulations.
- CID NOTE:** Size driveway culverts per the design criteria set forth by the Metro Stormwater Management Manual (Minimum driveway culvert in Metro ROW is 18" CMP).

Existing Sidewalks	Chet Atkins Ave: 0' Grass Strip, 8' Sidewalk 19th Ave: 0' Grass Strip, 6' Sidewalk
Proposed Sidewalks	Chet Atkins Ave: 4' Grass Strip, 10' Sidewalk 19th Ave: 3' Bike Blvd, 4' Grass Strip, 8' Sidewalk, 4' Frontage

GENERAL PLAN CONSISTENCY

LAND USE POLICY
 This site is located within the T5 MU District of the Midtown community plan. This Transect Category is intended to preserve, enhance, and create high-intensity urban mixed use neighborhoods with a development pattern that contains a diverse mix of residential and non-residential land T5 MU areas are intended to be among the most intense areas in Davidson County. T5 MU areas include some of Nashville's major employment centers such as Midtown that represent several sectors of the economy including health care, finance, retail, the music industry, and lodging. T5 MU areas also include locations that are planned to evolve to a similar form and function.

COMMUNITY PLAN COMPLIANCE
 The proposed development will provide commercial and transitional land uses to the nearby residential land uses. Access within the overall development is designed to be pedestrian friendly with crosswalks and sidewalks to provide safe interaction between pedestrian and vehicular traffic. The commercial building is oriented towards the street with building forms that complement the adjacent neighborhoods. Lighting will be provided throughout the development to provide safety at buildings and vehicular and pedestrian areas while enhancing the character of the center.

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

- This development will strive to implement TDM best practices. These goals will include limiting delivery times will be restricted to non-peak hours, informational kiosks with wayfinding finding to nearby SOV options as well as to encourage future tenants to stagger work hours, provide carpooling and offer to pay a percentage of employees transit services costs.
- Centrally located bike storage will be provided to the future tenants of the building and will include lockers and cages for their equipment. Changing rooms and showers will be located within the amenity facilities of the development for safe use by the tenants.
- Due to the addition of multiple bike stations in surrounding development, a ride share partner is not established for this site. Instead, 20 bike racks will be centrally located within the development for use by the general public.

BL2018-1091 Conditions of Approval

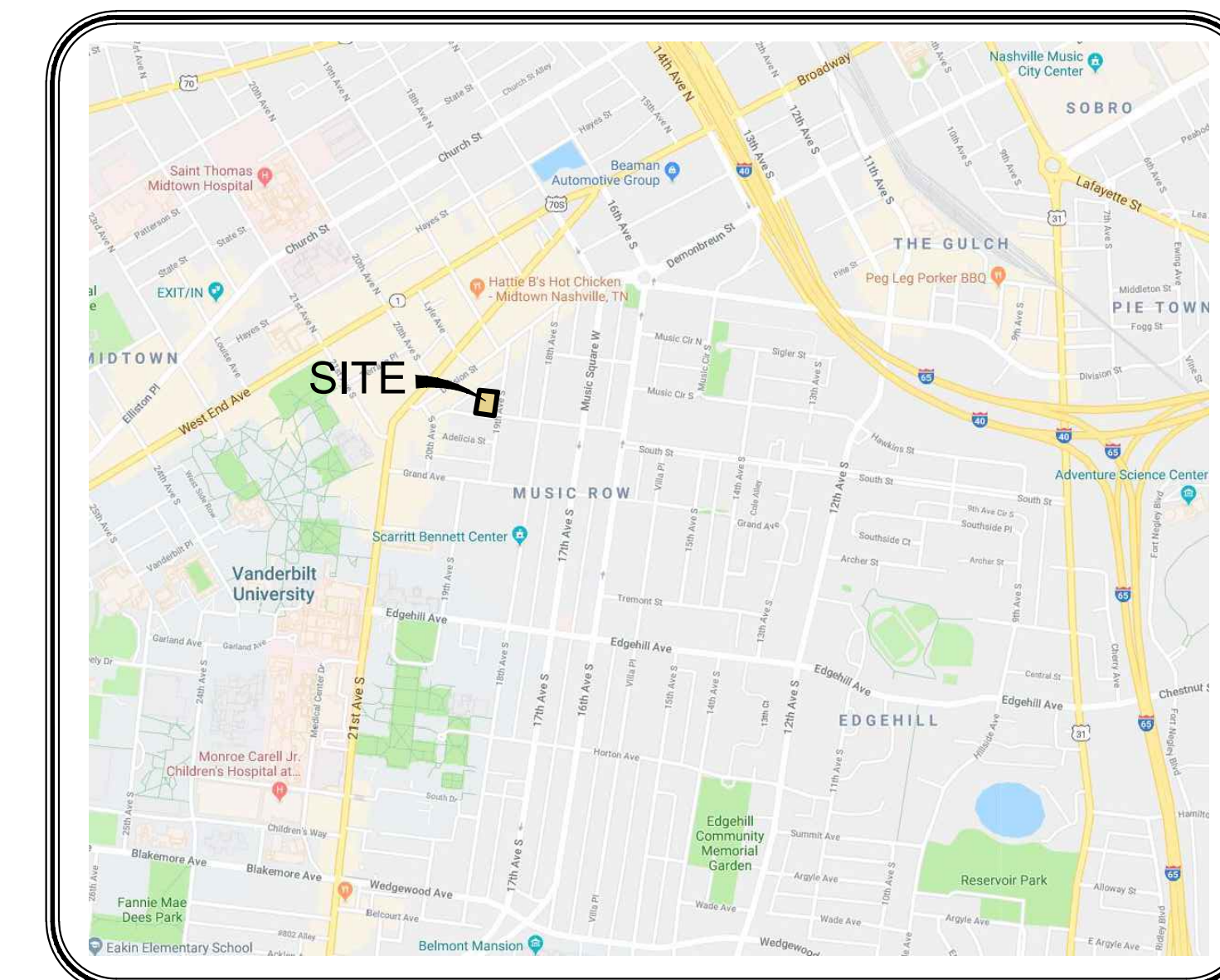
- Facade treatment of parking structures shall be designed to integrate and complement the architecture of the habitable portions of the building and the surrounding context of the built environment. Openings for natural ventilation must be integrated into a cohesive building facade design.
- Architectural cladding and facade treatments as described above shall be required on parking structure facades visible from public streets and public open spaces at the time of permitting. This shall include building facades, and portions thereof, that do not front a public street but are visible from them.
- Facade treatment shall turn the corner alongside property lines a minimum of 20 feet.
- Parking structure facade treatments and cladding shall be designed to block light bleed from the garage and car headlights at night.
- The location of exterior public bicycle parking and interior tenant bicycle storage shall be identified on the Final SP plans.
- The applicant shall coordinate with Metro Planning and Public Works to prepare a Transportation Demand Management plan incorporating applicable demand management strategies applicable to future owners or managers of the property. The plan shall be submitted for evaluation with the Final SP.
- The applicant shall coordinate with Metro Planning and Public Works to develop a plan for two-way major protected bike lanes on 21st Avenue South from West End Avenue to Broadway, as identified in the Walk/Bike plan. The design will reduce the number of travel lanes from two to two, using the existing curb space to add two-way protected bike lanes adjacent to Vanderbilt campus. The design shall also include bicycle signals at the West End Avenue and Broadway intersections.
- Comply with all conditions of Metro Public Works and Traffic and Parking.
- The Preliminary SP plan is the site plan and associated documents. If applicable, remove all notes and references that indicate that the site plan is illustrative, conceptual, etc.
- The requirements of the Metro Fire Marshal's Office for emergency vehicle access and adequate water supply for fire protection must be met prior to the issuance of any building permits.

CONDITIONS OF APPROVAL LIST

SEE C3.1 CIVIL NOTES SHEET.

CONTACTS

OWNER/DEVELOPER MIKE GREENE NASHVILLE INTERMEDIARY, LLC 303 PEACHTREE CENTER AVE NE SUITE 575 ATLANTA, GA 30303 (404) 614-5416 mgreene@portmanholdings.com	LANDSCAPE RICHARD JONES HOODSON DOUGLAS, LLC 507 MAIN STREET NASHVILLE, TN 37206 (615) 327-4447	CIVIL EVAN FOSTER, PE RAGAN SMITH & ASSOCIATES, INC. 315 WOODLAND STREET NASHVILLE, TN 37206 (615) 244-6591 efoster@ragansmith.com	ARCHITECTURE GRESHAM SMITH & PARTNERS 222 S. AVE. SUITE 1400 NASHVILLE, TN 37201 (615) 770-8100
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LOCATION: 825 19TH AVE S, NASHVILLE, TN
NTS

INDEX OF SHEETS

SHEET	DESCRIPTION
C0.0	COVER SHEET

CIVIL PLANS

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C0.2	EXISTING CONDITIONS & DEMOLITION PLAN
C1.1	INITIAL EROSION CONTROL PLAN
C2.1	EXCAVATION GRADING, DRAINAGE & EROSION CONTROL PLAN
C2.2	EXCAVATION FINAL EROSION CONTROL PLAN
C3.1	CIVIL NOTES FOR SITE WORK
C4.0	OVERALL SITE LAYOUT PLAN
C4.1	ENLARGED SITE LAYOUT PLAN
C4.2	VEHICLE MOVEMENT PLAN
C5.0	OVERALL SITE GRADING, DRAINAGE & EROSION CONTROL PLAN
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C6.0	SITE UTILITY PLAN
C6.1	PUBLIC UTILITY PROFILE PLANS
C7.1	CONSTRUCTION DETAILS
C7.2	CONSTRUCTION DETAILS
C7.3	NES DETAILS
C7.4	NES NOTES

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L1.10	AMENITY LANDSCAPE PLAN

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A203	LEVEL 03 - PARKING FLOOR PLAN
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A302	EXTERIOR ELEVATION - WEST
A303	EXTERIOR ELEVATION - NORTH
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A321	BUILDING SECTIONS
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A323	BUILDING SECTIONS
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A412	SYSTEM SHEET - PORTE COCHERE
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A420	SYSTEM SHEET - GARAGE - FINIS
A422	SYSTEM SHEET - SKY LOBBY EAST
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SWGR# 2019041013
 BUILDING PERMIT# 2020005603
METRO CASE # 2017SP-095-005
 METRO CASE # 2017SP-095-003
 SEWER PROJECT: #19SL0157
 WATER PROJECT: #19WL0068



Revision		
No.	Date	Description
	02/21/20	CONSTRUCTION DOCUMENTS
8	04/30/20	PER NES COMMENTS
9	05/27/20	PER MWS COMMENTS
10	06/02/20	PER MWS COMMENTS
11	10/08/21	PER MWS COMMENTS
12	11/15/21	PER NES COMMENTS
13	-----	PER MWS COMMENTS
14	05/20/22	PER NDOT COMMENTS
15	09/09/22	PER CITY COMMENTS



Drawn By: HSC
Checked By: EBF
Approved By: EBF

SITE GENERAL NOTES

- The contractor shall verify the location of all existing utilities in the proximity of the construction area and report any discrepancies to the owner's representative prior to beginning work.
- The contractor shall conform to all local, state and federal codes and obtain all permits prior to beginning work.
- The contractor shall check all finished grades and dimensions and report any discrepancies to the owner's representative prior to beginning work.
- Dimensions are to the face of curb, edge of concrete and face of building unless noted otherwise.
- Proposed building footprint is for graphic purposes only. Contractor shall use the current architectural drawings for building stakeout and verify that there are no discrepancies with these plans.
- All traffic markings shall conform to the manual of uniform traffic control device (mutcd). All pavement marking shall be thermoplastic unless directed otherwise by the owner's representative.
- All handicap ramps, parking spaces and accessible routes shall comply with the current ada requirements.
- Exterior door landings shall be provided per the local building code. Contractor shall coordinate door locations and adjacent sidewalk/landing grades with these plans and report any discrepancies to the owner's representative.

SITE CONSTRUCTION NOTES

- The necessary permits for the work shown on these site development plans will be obtained by the contractor prior to commencement of any work on this project. The contractor shall give all necessary notices and obtain all permits and pay all fees involved in securing said permits. He shall also comply with all city, county and state building laws, ordinances or regulations relating to the construction of the project.
- The contractor shall be responsible for and shall bear all expenses of field staking necessary for site and building layout. All layout shall be performed in accordance with the site development portion of the project.
- The location of existing piping and underground utilities, such as water and gas lines, electrical and telephone conduits, etc., as shown on this portion of the plans have been determined from the best available information by actual surveys, or taken from the records and drawings of the existing utilities. However, the civil engineer does not assume responsibility that, during construction, the possibility of utilities other than those shown may be encountered or that actual location of those shown may vary somewhat from the location designated on this portion of the plans. In areas where it is necessary that the exact locations of underground lines be known, the contractor shall, at his own expense, furnish all labor and tools to either verify and substantiate or definitively establish the location of the lines.
- The contractor must understand that the work is entirely at his risk until same is accepted and he will be held responsible for its safety by the owner. Therefore, the contractor shall furnish and install all necessary temporary works for the protection of the work, including barricades, warning signs, and lights.
- The site development portion of this project will be subject to the inspection and final approval of the local planning, codes, water and sewer departments (and/or utility districts), engineering/public works departments and fire marshals office.
- If, during the construction of the site development portion of this project, a question of intent or clarity arises from either the plans or specifications, the contractor will immediately bring the matter to the attention of the civil engineer or owner's representative for resolution before the affected work items are initiated or pursued further.
- The contractor will exercise extreme caution in the use of equipment in and around overhead and/or underground power lines. If at any time in the pursuit of this work the contractor must work in close proximity of the above-noted lines, the electric and/or telephone companies shall be contacted prior to such work and the proper safety measures taken. The contractor should make a thorough examination of the overhead lines in the project area prior to the initiation of construction.
- The contractor shall be responsible for any damage done to the premises or adjacent premises, or injuries to the public during the construction of the work, caused by himself, his subcontractors, or the carelessness of any of his employees.

DEMOLITION NOTES

- The contractor will be required to remove all excavated materials and such items shall become the property of the contractor. All items shall be properly disposed of at an off-site location. The contractor shall outline any and all possible haul routes and shall be prepared to submit such to the local jurisdiction public works department, the civil engineer and other authorities for approval.
- If, at any time, prior to or during the demolition work, hazardous material is encountered, the contractor shall notify the owner's representative and appropriate governmental agency.
- The contractor shall notify adjacent owners of work that may affect their property, potential noise, utility outage or disruption. Such operations shall be conducted by the contractor with minimum interference to adjacent owners. Adjacent egress and access shall be properly maintained at all times. Do not close or obstruct any roadways, parking or sidewalks without permission from the adjacent owners or the local jurisdiction public works department.
- Prior to the commencement of demolition/grading operations, all overhead and underground utilities shall be located. All removal and/or relocation of utilities shall be coordinated with the respective utility companies.
- The contractor will provide all necessary protective measures to safeguard existing utilities from damage during construction of this project. In the event that special equipment is required to work over or around the utilities, the contractor will be required to furnish such equipment at no additional cost to owner.
- The contractor will be solely responsible for contacting all affected utilities prior to submitting his bid to determine the extent to which utility disconnections and/or adjustments will have upon the schedule of the work for the project. Some utility facilities may need to be adjusted concurrently with the contractor's operations, while some work may be required around utility facilities that will remain in place. It is understood and agreed that the contractor will receive no additional compensation for delays or inconvenience caused by the utility adjustment.

BLASTING NOTES:

- Contractor shall provide all labor, materials, equipment, tools, superintendence, transportation, services and operations to complete the blasting operation.
- All blasting shall be done in accordance with the Tennessee blasting standards act of 1975, metropolitan Nashville and any other federal state or local laws governing blasting.
- The contractor shall have a registration certificate and each employee engaged in the blasting activity shall carry a valid identification card issued by the division of fire protection.
- The contractor shall permit only authorized and qualified persons to handle and use explosives.

TREE PROTECTION NOTES

- Any required excavation in or around the protection zone to accommodate underground services, footings, etc., shall be indicated on the plan and shall be excavated by hand. In addition, related root pruning shall be accomplished by a certified arborist via ANSI A-300-95 standard so as to minimize impact of the general root system.
- The storage of building materials or stockpiling shall not be permitted within the limits of or against the protection barriers.
- Trees within the protection barriers must be adequately cared for throughout the construction process (i.e., they must be watered sufficiently, particularly if the tree's root system has been disturbed by excavation). Fill shall not be placed upon the root system in such a manner as to endanger the health or life of the affected tree.
- Tree protection barrier shall be constructed prior to the issuance of any permits and shall remain intact throughout the entire period of construction.

EROSION PREVENTION AND SEDIMENT CONTROLS

- All control measures must be properly installed and maintained in accordance with the manufacturer's specifications, TDEC and local standards.
- Design, inspection, and maintenance of BMPs described and shown on these plans shall be consistent or exceed recommendations contained in the current edition of TDEC's Tennessee erosion control handbook.
- BMP capacity [sediment traps, silt fences, sedimentation ponds, and other sediment control] shall not be reduced by more than 50% at any given time. If periodic inspections or other information indicates a control has been used inappropriately or incorrectly, the contractor must replace or modify the control for relevant site situations.
- Where permanent or temporary vegetation cover is used as a control measure, the timing of the planting is critical. Planning for planting of vegetation cover during winter or dry months should be avoided.
- If sediment escapes the permitted area, off-site accumulations of sediment that have not reached a stream must be removed at a frequency sufficient to minimize offsite impacts. The contractor shall not initiate remediation/restoration of a stream without consulting the division first. The NOI general permit does not authorize access to private property, arrangements concerning removal of sediment on adjoining property must be settled by the contractor and adjoining landowner.
- Litter, construction debris, and construction chemicals exposed to storm water shall be picked up prior to anticipated storm events or before being carried off of the site by wind or otherwise prevented from becoming a pollutant source for storm water discharges. After use, materials used for EPSC should be removed or otherwise prevented from becoming a pollutant source for storm water discharge.
- Erodible material storage areas (including overburden and stockpiles of soil) and borrow pits are considered part of the site and should be addressed with appropriate bmp's accordingly.
- Pre-construction vegetative ground cover shall not be destroyed, removed, or disturbed more than 15 days prior to grading or earth moving unless the area is stabilized, contractor shall sequence events to minimize the exposure time of graded or denuded areas. Clearing and grubbing shall be held to the minimum necessary for grading and equipment operation. Existing vegetation at the site should be preserved to the maximum extent practicable.
- EPSC measures must be in place and functional before moving operations begin and must be constructed and maintained throughout the construction period. Temporary measures may be removed at the beginning of the workday, but must be replaced at the end of the workday.
- The following records shall be maintained on or near site: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease or a portion of the site; the dates when stabilization measures are initiated; inspection records and rainfall records. Contractor shall maintain a rain gauge and daily rainfall records at the site, or use a reference site for a record of daily amount of precipitation.
- A copy of the SWPPP shall be retained on-site and should be accessible to the director and the public. Once site is inactive or does not have an onsite location adequate to store the SWPPP, the location of the SWPPP, along with a contact phone number, shall be posted on-site. If the SWPPP is located off-site, reasonable local access to the plan, during normal working hours, must be provided.
- Off-site vehicle tracking of sediments and the generation of dust shall be minimized. A stabilized construction access (a point of entrance/exit to a construction site) shall be constructed as needed to reduce the tracking of mud and dirt onto public roads by construction vehicles.
- Inspections must be performed at least twice every calendar week. Inspections shall be performed at least 72 hours apart, where sites or portions of construction sites have been temporarily stabilized, or runoff is unlikely due to winter conditions or due to extreme drought, such inspection has to be conducted once per month until thawing or precipitation results in runoff or construction activities resumes. Inspection requirements do not apply to definable areas that have been finally stabilized, as designed by the engineer. Written notification of the intent to change the inspection frequency and the justification for such request must be submitted to the local environmental field office, or the division's Nashville central office for projects of TDOT or TVA. Should the division discover that monthly inspection of the site are not appropriate, the contractor shall be required to conduct more frequent stabilization measures or otherwise, twice weekly inspections shall resume. The division may inspect the site to confirm or deny the notification to conduct monthly inspections.
- Inspectors performing the required twice weekly inspections must have an active certification and a record of certification must be kept on site. Based on the results of the inspection, any inadequate control measures or control measures or dispersal shall be replaced or modified, or repaired as necessary, before the next rain event, but in no case more than 7 days after the need identified.
- Outfall points shall be inspected to determine whether EPSC measures are effective in preventing significant impacts to receiving waters. Where discharge locations are inaccessible, nearby downstream locations shall be inspected. Locations where vehicles enter or exit the site shall be inspected for evidence of offsite sediment tracking.

- A geotechnical survey shall be maintained on or near site: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease or a portion of the site; the dates when stabilization measures are initiated; inspection records and rainfall records. Contractor shall maintain a rain gauge and daily rainfall records at the site, or use a reference site for a record of daily amount of precipitation.
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SITE GRADING & STORM DRAINAGE NOTES

- Erosion control sediment barriers and tree protection barrier shall be installed prior beginning site work.
- No heavy equipment shall cross or be stored outside the limits of construction, within tree protection zones, or under the drip line of existing trees to remain.
- Topsail stripped from areas to be graded shall be stockpiled on site in a location approved by the owner's representative. Drainage shall be routed around stockpile locations for the duration of grading operations. Erosion control measures shall be installed to prevent loss of topsail material.
- Prior to beginning construction, contractor shall review geotechnical report.
- All cut and fill shall be performed under the direction/observation of the geotechnical engineer.
- The suitability of soils for fill material shall be determined by the geotechnical engineer.
- Unless directed otherwise by geotechnical engineer, all fill areas shall be raised in lifts not exceeding 8" in thickness, the relative compaction of each layer shall not be less than 95% of the standard proctor maximum dry density (ASTM D-698) in all areas of fill within open areas and 98% of same specification for areas under roads, parking, sidewalks, building slabs, and foundations.
- All grading shall be completed to the grades indicated within these plans, final grades shall provide proper drainage and prevent standing water.
- All storm drainage castings to be John Bouchard & Sons Co. or approved equal, unless otherwise noted.
- The contractor shall permit only authorized and qualified persons to handle and use explosives.
- All storm drainage pipes to be RCP, Class III, unless otherwise noted.
- Installation of pipe material shall be placed with a screen stone envelope and when under pavement entire trench to be backfilled with screen stone to subgrade. Size of stone, envelopes, and trenches to be specified by municipalities for public lines and private lines to adhere to common practices for installation requirements.

SITE UTILITY NOTES

- All materials and workmanship for utility lines and appurtenances shall be in strict compliance with the governing utility company and local codes. Prior to construction contractor shall notify utility company. (see utility contact information)
- Contractor shall coordinate site electrical, gas, telephone, and cable with the respective utility company for service layout and design information. Any proposed layout of these utilities depicted on these drawings is graphical only and not intended to represent design of these utilities.
- Prior to commencement of construction, contractor shall obtain all permits and pay any required tap and connection fees.
- All trenching, pipe laying and backfilling shall be in accordance with federal OSHA regulations.
- Site contractor shall construct all utility services to within 5' of building. Contractor shall be responsible for coordinating the sequencing of construction for all utility lines to avoid conflicts.
- Contractor shall coordinate size and location of water, sewer and stormwater connections to the building as depicted on the building mechanical plans and the site utility plan and notify the engineer or owner's representative of any discrepancies.
- Water service lines 1/2" - 3" shall be Type-K copper and 4" or larger shall be ductile iron pipe - Class 52 unless otherwise required by utility company.
- Fire line installation and thrust blocking location and sizing shall be per N.F.P.A. and local fire department requirements.
- Water meter manufacturer/model number and vault specifications shall be per the water utility company.
- Backflow device (RBP/DDCVA) manufacturer/model number shall be per the water utility company.
- Contractor shall install hot box enclosure (pre-finished dark green) on all exterior above-ground backflow devices. Domestic and fire backflow devices shall be tested. Contractor shall coordinate providing appropriate electrical service to backflow device.
- Contractor shall coordinate location of backflow device with the building mechanical drawings.
- Sanitary sewer service lines shall be SDR 35 PVC unless specified otherwise.
- Maintain a 10' horizontal and 18" vertical separation between sanitary sewer and water lines.
- All fire line mains to be installed by licensed fire protection contractor.
- Installation of pipe material shall be placed with a screen stone envelope and when under pavement entire trench to be backfilled with screen stone to subgrade. Size of stone, envelopes, and trenches to be specified by municipalities for public lines and private lines to adhere to common practices for installation requirements.

GEOTECHNICAL NOTE

- A geotechnical survey has been conducted on this site by PSI. PSI report dated October 27, 2017. If, in the pursuit of this work by the contractor, conditions or circumstances are encountered that are different than reflected in these plans or that appear to impact the scope of the work, the contractor will immediately notify the civil engineer, and the owner/developer before any remedial course of action or design change is initiated. All parties (owner, civil engineer, proper governmental agencies, and contractor) must be in agreement and the magnitude of the cost/time required for the measures established.

METRO AS-BUILT REQUIREMENTS

- Metro has revised the as-built process and requirements as a part of the february 2016 regulations update. Please note that the following are required as a part of the as-built plan:
- A certification letter from an registered pe stating that the site has been inspected and that the stormwater management system and stormwater control measures (both structural and non-structural) are complete and functional in accordance with the plans approved by mws.
 - An as-built lid spreadsheet.
 - Hydrologic and hydraulic calculations for as-built conditions, as required.
 - As-built drawings showing final topographic features of all these facilities. This shall include invert elevations of outlet control structures.
 - Any deviations from the approved plans shall be noted on as-built drawings submitted.
 - Copy of as-built plan cad file on a cd and should be registered to the in state plane coordinate system, north american datum 1983 (nad83). Data should be placed in separate layers and should be labeled / named for easy identification.
 - Cut and fill balance certification for floodplain and sinkhole alterations.
 - Water quality buffers shall be surveyed and included with the as-built submittal.
 - Any public (to become the responsibility of metro to maintain) stormwater infrastructure shall be video-inspected to verify proper installation with the video recording and any associated inspection report submitted as part of as-built record.
 - Additional testing may be required as/if warranted by video inspection.

RSA SPECIAL NOTES

PROJECT SPECIFIC NOTES

- Contractor to adjust existing utility castings as necessary.
- Pavement dimensions shown are from edge of pavement to edge of pavement.
- Driveways to be replaced with like materials to the tie down locations shown on plans. Any necessary paving of driveways will be done during paving operations on the main roadway.
- The contractor shall make available soils test reports taken during and after the grading operation to show that the compaction requirements have been met. The cost of this report shall be borne by the contractor.

SURVEY INFORMATION

Boundary and Topographic information taken from a survey performed by Ragan Smith Associates, Inc. dated September 12, 2018

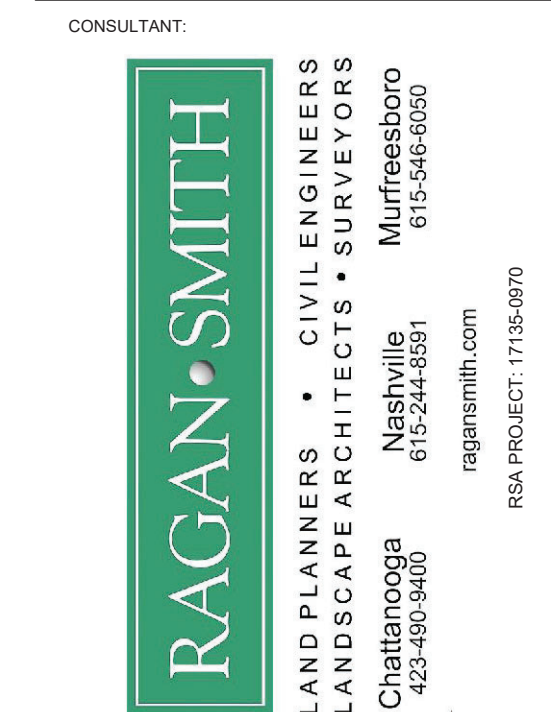
FINAL STABILIZATION NOTES

Upon completion the following methods shall be used as final stabilization for erosion control.

- All temporary or "during construction" erosion control measures shall be removed. (i.e. silt fence, construction entrance, inlet protection, excessive riprap, etc.)
- Sediment accumulation shall be removed from detention pond, swales, ditches, inlets, and outfalls.
- Sediment and debris removed shall be disposed of properly, if contamination of materials suspected, contact tdec or local waste management for proper disposal.
- All areas of exposed soils shall receive seed/straw, sodding, erosion control matting, and/or mulch.
- All swales and ditches shall have a healthy stand of grass.
- All outfalls shall possess an appropriate amount of riprap or other approve means to prevent scouring.



222 Second Avenue South
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Nashville, TN 37201
615.770.8100



CLIENT:

NASHVILLE INTERMEDIARY, LLC



PORTMAN HOLDINGS

MOORE BLDG

FORMERLY NAMED:

REVISION

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02/21/20 CONSTRUCTION DOCUMENTS

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Drawn By: HSS
 Checked By: EBF
 Approved By: EBF

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 RISA PROJECT: 1719-0070

CLIENT:
NASHVILLE INTERMEDIARY, LLC
CREED
 INVESTMENT COMPANY

A DEVELOPMENT PARTNERSHIP BETWEEN
PORTMAN HOLDINGS

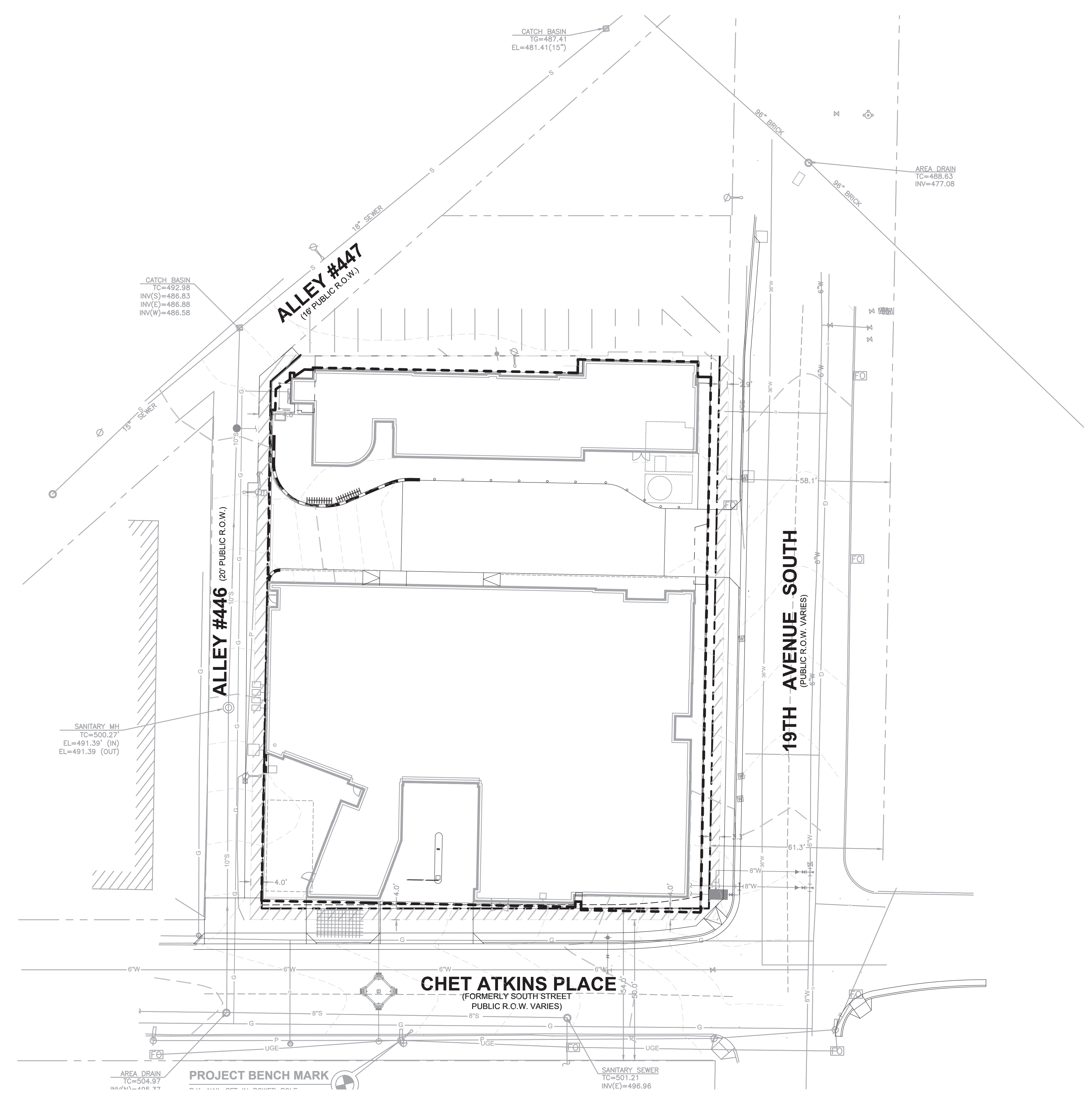
PROJECT:
MOORE BLDG

FORMERLY NAMED:
 METRO PROJECT PARKING GARAGE BUILDING 02
 CASE NO. 2017SP-095-003

827 19th Avenue
 Nashville, TN 37212



CONSTRUCTION DOCUMENTS



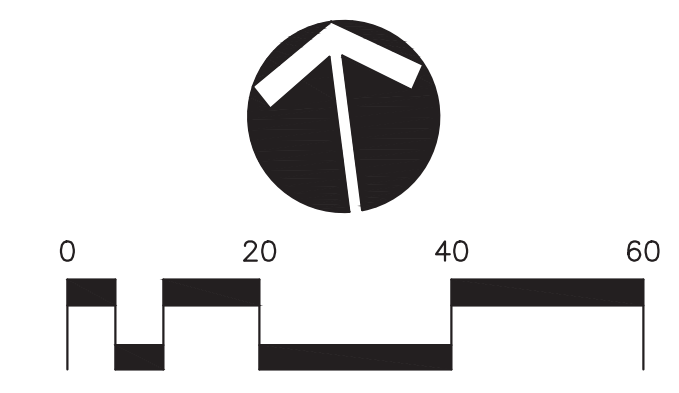
FINAL STABILIZATION:

- UPON COMPLETION THE FOLLOWING METHODS SHALL BE USED AS FINAL STABILIZATION FOR EROSION CONTROL:
1. ALL TEMPORARY OR "DURING CONSTRUCTION" EROSION CONTROL MEASURES SHALL BE REMOVED, I.E. SILT FENCE, CONSTRUCTION ENTRANCE, INLET PROTECTION, EXCESSIVE RIPRAP, ECT.
 2. SEDIMENT ACCUMULATION SHALL BE REMOVED FROM SEDIMENT POND, SWALES, DITCHES, INLETS, AND OUTFALLS.
 3. SEDIMENT AND DEBRIS REMOVED SHALL BE DISPOSED OF PROPERLY. IF CONTAMINATION OF MATERIALS SUSPECTED, CONTACT TDEC OR LOCAL WASTE MANAGEMENT FOR PROPER DISPOSAL.
 4. ALL AREAS OF EXPOSED SOILS SHALL RECEIVE SEED/STRAW, SODDING, EROSION CONTROL MATTING, AND/OR MULCH.
 5. ALL SWALES AND DITCHES SHALL HAVE A HEALTHY STAND OF GRASS.
 6. THE SEDIMENT POND SHALL HAVE A HEALTHY STAND OF GRASS OR REMOVED IF APPROVED BY THE CITY.
 7. ALL OUTFALLS SHALL POSSESS AN APPROPRIATE AMOUNT OF RIPRAP OR OTHER APPROVE MEANS TO PREVENT SCOURING.

POST CONSTRUCTION BMP MAINTENANCE/ INSPECTION PROCEDURES:

- THESE POST CONSTRUCTION BMP MAINTENANCE PROCEDURES SHALL BE CONDUCTED TO ENSURE PROPER FUNCTIONALITY.
1. SWALES/DITCHES/SLOPES:
 GOOD VEGETATION SHALL BE MAINTAINED. EROSION CONTROL MATTING MAY BE NEEDED IF OUT OF THE GROWING SEASON.
 ANY SCOUR SHOULD BE CORRECTED IMMEDIATELY.
 SEDIMENT ACCUMULATION AND DEBRIS SHALL BE REMOVED.
 2. GRASSED/SODDED AREAS:
 ANY BARE SOILS SHALL BE ADDRESSED IMMEDIATELY.
 ADDITIONAL SEED AND STRAW MAY BE NEEDED WHERE GOOD GERMINATION DID NOT OCCUR.
 MULCH MAY BE USED TO PROTECT EXPOSED SOILS.

IN ACCORDANCE WITH THE METRO STORMWATER MANAGEMENT MANUAL, VOLUME 1, SECTION 3.9, AS-BUILT CERTIFICATIONS, WMS STORMWATER DIVISION MUST APPROVE THE FOLLOWING AS-BUILTS PRIOR TO ISSUANCE OF THE USE & OCCUPANCY PERMIT:
 - UNDERGROUND DETENTION AND WATER QUALITY INFRASTRUCTURE
 - ABOVE GROUND DETENTION AND WATER QUALITY INFRASTRUCTURE
 - PUBLIC STORM SEWER INFRASTRUCTURE
 - CUT & FILL IN THE FLOODPLAIN
 - SINK HOLE ALTERATIONS
 - WATER QUALITY UNIT
 THE ENGINEER SHALL VISIT WWW.NASHVILLE.GOV/STORMWATER/ASBUILT.HTM FOR SUBMITTAL REQUIREMENTS.



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 LAST UPDATED BY BRATTERSON ON: 4/30/2020 12:42 PM

SWGR# 2019041013
 BUILDING PERMIT# 2020005603
 METRO CASE # 2017SP-095-003
 SEWER PROJECT: #19SL0157
 WATER PROJECT: #19WL0068

