# SITE PLAN DOCUMENTS

FOR

DISCOUNT TIRE

## LOCATION OF SITE

**1636 SEMINOLE TRAIL ALBERMARLE COUNTY**

**CHARLOTTESVILLE, VIRGINIA**

**RIO MAGISTERIAL DISTRICT**

**D.B. 1980 PG. 239**

**TMP: 06100-00-00-120JO**

| SITE DATA | |
|---|---|
| INITIAL SITE PLAN NUMBER | SPD202100054 |
| ADDRESS | 1636 SEMINOLE TRAIL<br>CHARLOTTESVILLE, VA |
| OWNER | MIMOSA LLC<br>PO BOX 7652<br>CHARLOTTESVILLE, VA 22906 |
| DEVELOPER | HALLE PROPERTIES, LLC C/O DISCOUNT TIRE<br>20225 N. SCOTTSDALE ROAD<br>SCOTTSDALE, AZ 85255 |
| TMP | 06100-00-00-120JO |
| JURISDICTION | ALBEMARLE COUNTY |
| MAGISTERIAL DISTRICT | RIO DISTRICT |
| ZONING | |
| PROPOSED USE | TIRE SALES |
| EXISTING | HIGHWAY COMMERCIAL - HC |
| PROPOSED | HIGHWAY COMMERCIAL - HC |
| ZONING OVERLAY DISTRICT | AIRPORT IMPACT AREA AND ENTRANCE CORRIDOR |
| SITE AREA | 1.32 AC |
| BUILDING AREA | 7,680 SF |
| BUILDING AREA PERCENTAGE OF SITE AREA | 12.96% |
| MAXIMUM BUILDING HEIGHT | 65 FEET |
| PROP. BUILDING HEIGHT | 26 FEET (1-STORY) |
| PROP. IMPERVIOUS COVER OF SITE AREA | 1.06 AC (80%) |
| PROP. OPEN SPACE | 0.26 AC (20%) |
| PARKING REQUIRED | 1 SPACE PER EMPLOYEE PLUS 2 SPACES PER SERVICE BAY. = (1*15) + (6*2) = 15 + 12 = 27 SPACES<br>MAXIMUM PARKING ALLOWED: NO MORE THAN 20% THE REQUIRED = (27*120%) = 32 SPACES |
| PARKING PROVIDED | 32 SPACES |
| HANDICAP | 2 SPACES (1 VAN SPACE) |

### REFERENCES AND CONTACTS

REFERENCES

♦BOUNDARY & TOPOGRAPHIC SURVEY:
BOHLER
12825 WORLDGATE DRIVE, SUITE 700
HERNDON, VA 20170
DATED: 04/20/2021
SURVEY JOB SV211201
ELEVATIONS: BASED ON GPS OBSERVATIONS

♦ARCHITECTURAL PLAN:
ARCHITECTURAL RESOURCE TEAM
1055 E. INDIAN SCHOOL ROAD
PHOENIX, AZ 85014
CAD FILE NAMED: "BASE-128X60-RH-CMU"
DATED: 05/05/2021

**GOVERNING AGENCIES**

♦ALBEMARLE COUNTY SITE REVIEW COMMITTEE
ALBEMARLE COUNTY, VA
401 MCINTIRE ROAD ,
CHARLOTTESVILLE, VA 22902
PHONE: (434) 243-7929

**UTILITIES**

♦ALBEMARLE COUNTY SERVICE AUTHORITY
168 SPOTNAP ROAD
CHARLOTTESVILLE, VA 22911
PHONF: (434) 977-4511

* THE ABOVE REFERENCED DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THESE PLANS, HOWEVER, BOHLER ENGINEERING DOES NOT CERTIFY THE ACCURACY OF THE WORK REFERENCED OR DERIVED FROM THESE DOCUMENTS, BY OTHERS.




### LOCATION MAP

SCALE: 1" = 2,000

Copyright: Microsoft Corporation

### SHEET INDEX

| SHEET TITLE | SHEET NUMBER |
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| COVER SHEET | C-101 |
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| GENERAL NOTES AND LEGEND | C-103 |
| ALTA/NSPS LAND TITLE SURVEY (BY OTHERS) | C-201 - 202 |
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| GRADING PLAN | C-401 |
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| LANDSCAPE PLAN | C-701 |
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| LANDSCAPE NOTES AND DETAILS | C-703 |
| SITE PHOTOMETRIC PLAN (BY OTHERS) | C-704 |
| CONSTRUCTION DETAILS SHEET | C-901 - 902 |

SHEET TOTAL = 16

### OWNER

MIMOSA L.L.C.
OWNER ADDRESS:C/O DUFFY
BIRCKHEAD P.O. BOX 7652
CHARLOTTESVILLE VA, 22906
OWNER CONTACT: FRANK BIRKHEAD

### DEVELOPER

HALLE PROPERTIES, LLC C/O
DISCOUNT TIRE 20225 N.
SCOTTSDALE ROAD SCOTTSDALE,
AZ 85255
CONTACT: MATTHEW JOHNSON
DEVELOPER PHONE: (840)-606-5758

| | APPROVAL | DATE |
|---|---|---|
| DEPARTMENT OF COMMUNITY DEVELOPMENT | | |
| PLANNER/ZONING | | |
| ENGINEER | | |
| INSPECTIONS | | |
| ARB | | |
| DEPARTMENT OF FIRE RESCUE | | |
| ALBEMARLE COUNTY SERVICE AUTHORITY | | |
| VIRGINIA DEPARTMENT OF TRANSPORTATION | | |
| HEALTH DEPARTMENT | | |

PREPARED BY

BOHLER

CONTACT: RYAN T YAUGER, P.E.

GENERAL NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT. WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

BOHLER
SITE CIVIL AND CONSULTING ENGINEERING
LAND SURVEYING
PROGRAM MANAGEMENT
LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN
PERMITTING SERVICES
TRANSPORTATION SERVICES
THE INFORMATION, DESIGN AND CONTENT OF THESE PLANS ARE PROPRIETARY AND SHALL NOT BE DISCLOSED, USED FOR ANY PURPOSE, REPRODUCED OR REVISED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN AUTHORIZATION FROM BOHLER. ONLY APPROVED AND SEALED PLANS SHALL BE UTILIZED FOR CONSTRUCTION PURPOSES.

**REVISIONS**

| REV | DATE | COMMENT | DRAWN BY / CHECKED BY |
|---|---|---|---|
| | | | |

811 Know what's below. Call before you dig.
ALWAYS CALL 811
It's fast. It's free. It's the law.

NOT APPROVED FOR CONSTRUCTION

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT UNLESS INDICATED OTHERWISE.

**PROJECT No.:** V211201
**DRAWN BY:** DSH
**CHECKED BY:** RTY
**DATE:** 10/22/2021
**CAD I.D.:** CNDS -0

PROJECT:

**SITE PLAN DOCUMENTS**

FOR

DISCOUNT TIRE

PROPOSED LOCATION

1636 SEMINOLE TRAIL
ALBERMARLE COUNTY
CHARLOTTESVILLE, VIRGINIA 22901

BOHLER
28 BLACKWELL PARK LANE, SUITE 201
WARRENTON, VIRGINIA 20186
Phone: (540) 349-4500
Fax: (540) 349-0321
VA@BohlerEng.com

COMMONWEALTH OF VIRGINIA
RYAN YAUGER
Lic. No. 0402056625
10/22/2021
PROFESSIONAL ENGINEER

SHEET TITLE:

**COVER SHEET**

SHEET NUMBER:

C-101

ORG. DATE - 10/22/2021

Oct 22, 2021
BC
H:\SV\V211201\CAD\DRAWINGS\PLAN SET\SP\FINAL SITE PLAN\V211201-CNDS-0----LAYOUT C-101 ARB COVER

## GENERAL NOTES

(Rev. 2/2021)

1. THESE PLANS ARE SOLELY BASED ON INFORMATION THE OWNER AND OTHERS PROVIDED TO BOHLER ENGINEERING, VIRGINIA (HEREIN "BOHLER") PRIOR TO THE DATE ON WHICH THE ENGINEER OF RECORD AND BOHLER PREPARED THESE PLANS. THE CONTRACTOR MUST FIELD VERIFY ALL EXISTING CONDITIONS AND IMMEDIATELY NOTIFY BOHLER , IN WRITING, IF ANY ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THESE PLANS, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OTHER SITE FEATURES.
2. THE CONTRACTOR MUST STRICTLY COMPLY WITH THESE NOTES AND ALL SPECIFICATIONS/REPORTS CONTAINED HEREIN. THE CONTRACTOR MUST ENSURE THAT ALL SUBCONTRACTORS FULLY AND COMPLETELY CONFORM TO AND COMPLY WITH THESE REQUIREMENTS, THESE NOTES, AND THE REQUIREMENTS ARTICULATED IN THE NOTES CONTAINED IN ALL THE OTHER DRAWINGS THAT COMPRISE THE PLAN SET OF DRAWINGS. ADDITIONAL NOTES AND SPECIFIC PLAN NOTES MAY BE FOUND ON THE INDIVIDUAL PLANS. THESE GENERAL NOTES APPLY TO THIS ENTIRE DOCUMENT PACKAGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL CONSTRUCTION CONTRACT DOCUMENTS INCLUDING, BUT NOT LIMITED TO, ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE, PRIOR TO THE INITIATION AND COMMENCEMENT OF CONSTRUCTION.
3. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR MUST CONFIRM WITH THE ENGINEER OF RECORD AND BOHLER THAT THE LATEST EDITION OF THE DOCUMENTS AND/OR REPORTS REFERENCED WITHIN THE PLAN REFERENCES ARE BEING USED FOR CONSTRUCTION. THIS IS THE CONTRACTOR'S SOLE AND COMPLETE RESPONSIBILITY.
4. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR MUST ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION IS TO BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED THE CONDITIONS OF APPROVAL TO ALL PLANS AND OTHER DOCUMENTS REVIEWED AND APPROVED BY THE PERMITTING AUTHORITIES AND HAS ALSO CONFIRMED THAT ALL NECESSARY AND REQUIRED PERMITS HAVE BEEN OBTAINED. THE CONTRACTOR MUST HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES.
5. THE CONTRACTOR MUST ENSURE THAT ALL WORK IS PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS/REPORTS AND CONDITIONS OF APPROVAL, AND ALL APPLICABLE REQUIREMENTS, RULES, REGULATIONS, STATUTORY REQUIREMENTS, CODES, LAWS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES WITH JURISDICTION OVER THIS PROJECT, AND ALL PROVISIONS IN AND CONDITIONS OF THE CONSTRUCTION CONTRACT WITH THE OWNER/DEVELOPER INCLUDING ALL EXHIBITS, ATTACHMENTS AND ADDENDA TO SAME.
6. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR MUST COORDINATE THE BUILDING LAYOUT BY CAREFULLY REVIEWING THE MOST CURRENT ARCHITECTURAL, CIVIL AND STRUCTURAL CONSTRUCTION DOCUMENTS (INCLUDING, BUT NOT LIMITED TO, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION PLANS, WHERE APPLICABLE). THE CONTRACTOR MUST IMMEDIATELY NOTIFY OWNER, ARCHITECT AND ENGINEER OF RECORD AND BOHLER, IN WRITING, OF ANY CONFLICTS, DISCREPANCIES OR AMBIGUITIES WHICH EXIST BETWEEN THESE PLANS AND ANY OTHER PLANS THAT COMPRISE THE CONSTRUCTION DOCUMENTS.
7. CONTRACTOR MUST REFER TO AND ENSURE COMPLIANCE WITH THE APPROVED ARCHITECTURAL/BUILDING PLANS OF RECORD FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY LOCATIONS.
8. THE CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS AND MEASUREMENTS SHOWN ON THESE PLANS, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR MUST IMMEDIATELY NOTIFY ENGINEER OF RECORD AND BOHLER, IN WRITING, IF ANY CONFLICTS, DISCREPANCIES, OR AMBIGUITIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR WORK WHICH HAS TO BE RE-DONE OR REPAIRED DUE TO DIMENSIONS, MEASUREMENTS OR GRADES SHOWN INCORRECTLY ON THESE PLANS PRIOR TO BOTH (A) THE CONTRACTOR GIVING ENGINEER OF RECORD AND BOHLER WRITTEN NOTIFICATION OF SAME AND (B) ENGINEER OF RECORD AND BOHLER, THEREAFTER, PROVIDING THE CONTRACTOR WITH WRITTEN AUTHORIZATION TO PROCEED WITH SUCH ADDITIONAL WORK.
9. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS AND MEASUREMENTS INCLUDED ON DESIGN DOCUMENTS HEREIN AND MUST NOT SCALE OFF THE DRAWINGS DUE TO POTENTIAL PRINTING INACCURACIES. ALL DIMENSIONS AND MEASUREMENTS ARE TO BE CHECKED AND CONFIRMED BY THE GENERAL CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION/ORDERING OF PARTS AND MATERIALS AND COMMENCEMENT OF SITE WORK. SITE PLAN DRAWINGS ARE NOT INTENDED AS SURVEY DOCUMENTS. DIMENSIONS SUPERSEDE GRAPHICAL REPRESENTATIONS. THE CONTRACTOR MUST MAKE CONTRACTOR'S OWN MEASUREMENTS FOR LAYOUT OF IMPROVEMENTS.
10. THE OWNER AND CONTRACTOR MUST BE FAMILIAR WITH AND RESPONSIBLE FOR THE PROCUREMENT OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
11. WHEN INCLUDED AS ONE OF THE REFERENCED DOCUMENTS, THE GEOTECHNICAL REPORT, SPECIFICATIONS AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND, IN CASE OF CONFLICT, DISCREPANCY OR AMBIGUITY, THE MORE STRINGENT REQUIREMENTS AND/OR RECOMMENDATIONS CONTAINED IN: (A) THE PLANS; AND (B) THE GEOTECHNICAL REPORT AND RECOMMENDATIONS, MUST TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR MUST NOTIFY THE ENGINEER OF RECORD AND BOHLER, IN WRITING, OF ANY SUCH CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE GEOTECHNICAL REPORT AND PLANS AND SPECIFICATIONS, PRIOR TO PROCEEDING WITH ANY FURTHER WORK. IF A GEOTECHNICAL REPORT WAS NOT CREATED, THEN THE CONTRACTOR MUST FOLLOW AND COMPLY WITH ALL OF THE REQUIREMENTS OF ANY AND ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE SPECIFICATIONS WHICH HAVE JURISDICTION OVER THIS PROJECT.
12. ENGINEER OF RECORD AND BOHLER ARE NEITHER LIABLE NOR RESPONSIBLE FOR ANY SUBSURFACE CONDITIONS AND FURTHER, HAS NO LIABILITY FOR ANY HAZARDOUS MATERIALS, HAZARDOUS SUBSTANCES, OR POLLUTANTS ON, ABOUT OR UNDER THE PROPERTY.
13. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING WHEN AND WHERE SHORING IS REQUIRED AND FOR INSTALLING ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO ASSURE THE STABILITY OF ADJACENT, NEARBY AND CONTIGUOUS STRUCTURES AND PROPERTIES. ALL OF THIS WORK IS TO BE PERFORMED AT CONTRACTOR'S SOLE COST AND EXPENSE.
14. THE CONTRACTOR MUST EXERCISE EXTREME CAUTION WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT, STRUCTURES, ETC. WHICH ARE TO REMAIN EITHER FOR AN INITIAL PHASE OF THE PROJECT OR AS PART OF THE FINAL CONDITION. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ALL APPROPRIATE MEASURES REQUIRED TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT, UTILITIES, BUILDINGS, AND INFRASTRUCTURE WHICH ARE TO REMAIN, AND TO PROVIDE A SAFE WORK AREA FOR THIRD PARTIES, PEDESTRIANS AND ANYONE INVOLVED WITH THE PROJECT.
15. DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE. ALL DEMOLITION AND CONSTRUCTION WASTES, UNSUITABLE EXCAVATED MATERIAL, EXCESS SOIL AND DEBRIS (SOLID WASTE) MUST BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF ANY AND ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE CODES WHICH HAVE JURISDICTION OVER THIS PROJECT OR OVER THE CONTRACTOR.
16. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN RECORDS TO DEMONSTRATE PROPER AND FULLY COMPLIANT DISPOSAL ACTIVITIES, TO BE PROMPTLY PROVIDED TO THE OWNER UPON REQUEST.
17. THE CONTRACTOR MUST REPAIR, AT CONTRACTOR'S SOLE COST, ALL DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. AND MUST BEAR ALL COSTS ASSOCIATED WITH SAME TO INCLUDE, BUT NOT BE LIMITED TO, REDESIGN, RE-SURVEY, RE-PERMITTING AND CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST REPLACE ALL SIGNAL INTERCONNECTION CABLE, WIRING CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION AND MUST BEAR ALL COSTS ASSOCIATED WITH SAME. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY MUST RESTORE SUCH CONSTRUCTION OR PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER THAN THE CONDITIONS PRIOR TO COMMENCEMENT OF THE CONSTRUCTION, AND IN CONFORMANCE WITH APPLICABLE CODES, LAWS, RULES, REGULATIONS, STATUTORY REQUIREMENTS AND STATUTES. THE CONTRACTOR MUST BEAR ALL COSTS ASSOCIATED WITH SAME. THE CONTRACTOR MUST, PROMPTLY, DOCUMENT ALL EXISTING DAMAGE AND NOTIFY, IN WRITING, THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.
18. THE ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR AND HAVE NO CONTRACTUAL, LEGAL OR OTHER RESPONSIBILITIES FOR JOB SITE SAFETY JOB SITE SUPERVISION, OR ANYTHING RELATED TO SAME. THE ENGINEER OF RECORD AND BOHLER HAVE NOT BEEN RETAINED TO PERFORM OR TO BE RESPONSIBLE FOR JOB SITE SAFETY, SAME BEING WHOLLY OUTSIDE OF ENGINEER OF RECORD'S AND BOHLER SERVICES AS RELATED TO THE PROJECT. THE ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE TO IDENTIFY OR REPORT ANY JOB SITE SAFETY ISSUES OR ANY JOB SITE CONDITIONS, AT ANY TIME.
19. THE CONTRACTOR MUST IMMEDIATELY IDENTIFY IN WRITING, TO THE ENGINEER OF RECORD AND BOHLER , ANY DISCREPANCIES THAT MAY OR COULD AFFECT THE PUBLIC SAFETY, HEALTH OR GENERAL WELFARE, OR PROJECT COST. IF THE CONTRACTOR PROCEEDS WITH CONSTRUCTION WITHOUT PROVIDING PROPER WRITTEN NOTIFICATION AS DESCRIBED ABOVE, IT WILL BE AT THE CONTRACTOR'S OWN RISK AND, FURTHER, THE CONTRACTOR MUST INDEMNIFY, DEFEND AND HOLD HARMLESS THE ENGINEER OF RECORD AND BOHLER FOR ANY AND ALL DAMAGES, COSTS, INJURIES, ATTORNEY'S FEES AND THE LIKE WHICH RESULT FROM OR ARE IN ANY WAY RELATED TO SAME INCLUDING, BUT NOT LIMITED TO, ANY THIRD PARTY AND FIRST PARTY CLAIMS.
20. THE ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR ANY INJURY OR DAMAGES RESULTING FROM THE CONTRACTOR'S FAILURE TO BUILD OR CONSTRUCT IN STRICT ACCORDANCE WITH THE APPROVED PLANS, AND CURRENT CODES, RULES, STATUTES AND THE LIKE. IF THE CONTRACTOR AND/OR OWNER FAIL TO BUILD OR CONSTRUCT IN STRICT ACCORDANCE WITH APPROVED PLANS, RULES, STATUTES, CODES AND THE LIKE, THE CONTRACTOR AND/OR OWNER AGREE TO AND MUST JOINTLY, INDEPENDENTLY, SEPARATELY, AND SEVERALLY INDEMNIFY AND HOLD THE ENGINEER OF RECORD AND BOHLER HARMLESS FOR AND FROM ALL INJURIES, CLAIMS AND DAMAGES THAT ENGINEER AND BOHLER SUFFER AND ANY AND ALL COSTS THAT ENGINEER AND BOHLER INCUR AS RELATED TO SAME.
21. ALL CONTRACTORS MUST CARRY AT LEAST THE MINIMUM AMOUNT OF THE SPECIFIED AND COMMERCIALLY REASONABLE STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND COMMERCIAL GENERAL LIABILITY INSURANCE (CGL) INCLUDING ALSO ALL UMBRELLA COVERAGES. ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME BOHLER , AND ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AS ADDITIONAL NAMED INSUREDS AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE (DEFEND, IF APPLICABLE) AND HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED AND AGREED TO BY THE CONTRACTOR HEREIN. ALL CONTRACTORS MUST FURNISH BOHLER WITH CERTIFICATIONS OF INSURANCE OR CERTIFICATES OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE COVERAGES PRIOR TO COMMENCING ANY WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION AND FOR TWO YEARS AFTER THE COMPLETION OF CONSTRUCTION AND AFTER ALL PERMITS ARE ISSUED, WHICHEVER DATE IS LATER. IN ADDITION, ALL CONTRACTORS AGREE THAT THEY WILL, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, INDEMNIFY, DEFEND AND HOLD HARMLESS BOHLER AND ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES, INJURIES, CLAIMS, ACTIONS, PENALTIES, EXPENSES, PUNITIVE DAMAGES, TORT DAMAGES, STATUTORY CLAIMS, STATUTORY CAUSES OF ACTION, LOSSES, CAUSES OF ACTION, LIABILITIES OR COSTS, INCLUDING, BUT NOT LIMITED TO, REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH OR TO THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTOR(S), ALL CLAIMS BY THIRD PARTIES AND ALL CLAIMS RELATED TO THE PROJECT. THE CONTRACTOR MUST NOTIFY ENGINEER, IN WRITING, AT LEAST THIRTY (30) DAYS PRIOR TO ANY TERMINATION, SUSPENSION OR CHANGE OF ITS INSURANCE HEREUNDER.
22. THE ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR CONSTRUCTION METHODS, MEANS, TECHNIQUES OR PROCEDURES, GENERALLY OR FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES OR PROCEDURES FOR COMPLETION OF THE WORK DEPICTED BOTH ON THESE PLANS, AND FOR ANY CONFLICTS IN SCOPE AND REVISIONS THAT RESULT FROM SAME. THE CONTRACTOR IS FULLY AND SOLELY RESPONSIBLE FOR DETERMINING THE MEANS AND METHODS FOR COMPLETION OF THE WORK, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
23. NEITHER THE PROFESSIONAL ACTIVITIES OF BOHLER, NOR THE PRESENCE OF BOHLER AND/OR ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AT A CONSTRUCTION/PROJECT SITE (HEREIN "BOHLER PARTIES"), RELIEVES OR WILL RELIEVE THE CONTRACTOR OF AND FROM CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, OVERSEEING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND COMPLIANCE WITH ALL HEALTH AND SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES WITH JURISDICTION OVER THE PROJECT AND/OR PROPERTY. BOHLER PARTIES HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER (OR ANY RESPONSIBILITY FOR) ANY CONSTRUCTION, THE CONTRACTOR OR ITS EMPLOYEES RELATING TO THEIR WORK AND ANY AND ALL HEALTH AND SAFETY PROGRAMS OR PROCEDURES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THE CONTRACTOR MUST INDEMNIFY, DEFEND, PROTECT AND HOLD HARMLESS BOHLER PARTIES FOR AND FROM ANY LIABILITY TO BOHLER PARTIES RESULTING FROM THE CONTRACTOR'S WORK, SERVICES AND/OR VIOLATIONS OF THIS NOTE, THESE NOTES OR ANY NOTES IN THE PLAN SET AND, FURTHER, THE CONTRACTOR MUST NAME BOHLER AS AN ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE AS DESCRIBED ABOVE.
24. WHEN IT IS CLEARLY AND SPECIFICALLY WITHIN BOHLER'S SCOPE OF SERVICES CONTRACT WITH THE OWNER/DEVELOPER, BOHLER WILL REVIEW OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF EVALUATING CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND METHODS AND/OR TECHNIQUES OR PROCEDURES, COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND BOHLER HAS NO RESPONSIBILITY OR LIABILITY FOR SAME. BOHLER WILL PERFORM ITS SHOP DRAWING REVIEW WITH REASONABLE PROMPTNESS, AS CONDITIONS PERMIT. ANY DOCUMENT, DOCUMENTING BOHLER'S REVIEW OF A SPECIFIC ITEM OR LIMITED SCOPE, MUST NOT INDICATE THAT BOHLER HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. BOHLER IS NOT RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR MUST, IN WRITING, PROMPTLY AND IMMEDIATELY BRING ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS TO BOHLER'S ATTENTION. BOHLER IS NOT REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.
25. IF THE CONTRACTOR DEVIATES FROM THESE PLANS AND/OR SPECIFICATIONS, INCLUDING THE NOTES CONTAINED HEREIN, WITHOUT FIRST OBTAINING THE PRIOR WRITTEN AUTHORIZATION OF THE ENGINEER OF RECORD AND BOHLER FOR ALL DEVIATIONS WITHIN ENGINEER'S SCOPE, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS INCURRED IN CORRECTING ANY WORK PERFORMED WHICH DEVIATES FROM THE PLANS, ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM AND, FURTHER, MUST DEFEND, INDEMNIFY, PROTECT, AND HOLD HARMLESS THE ENGINEER OF RECORD AND BOHLER PARTIES TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, FOR AND FROM ALL FEES, ATTORNEYS' FEES, DAMAGES, COSTS, JUDGMENTS, CLAIMS, INJURIES, PENALTIES AND THE LIKE RELATED TO SAME.
26. THE CONTRACTOR IS RESPONSIBLE FOR A MAINTAINING AND PROTECTING THE TRAFFIC CONTROL PLAN AND ELEMENTS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS, FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE RIGHT OF WAY OR ON SITE. THE COST FOR THIS ITEM MUST BE INCLUDED IN THE CONTRACTOR'S PRICE AND IS THE CONTRACTOR'S SOLE RESPONSIBILITY.
27. OWNER MUST MAINTAIN AND PRESERVE ALL PHYSICAL SITE FEATURES AND DESIGN FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS IN STRICT ACCORDANCE WITH THE APPROVED PLAN(S) AND DESIGN; AND, FURTHER, THE ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR ANY FAILURE TO SO MAINTAIN OR PRESERVE SITE AND/OR DESIGN FEATURES. IF OWNER FAILS TO MAINTAIN AND/OR PRESERVE ALL PHYSICAL SITE FEATURES AND/OR DESIGN FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS, OWNER AGREES TO INDEMNIFY AND HOLD THE ENGINEER OF RECORD AND BOHLER PARTIES, HARMLESS FOR ALL INJURIES, DAMAGES AND COSTS THAT ENGINEER OF RECORD AND BOHLER INCUR AS A RESULT OF SAID FAILURE OR FAILURE TO PRESERVE.
28. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION ACTIVITIES AND MATERIALS COMPLY WITH AND CONFORM TO APPLICABLE FEDERAL, STATE AND LOCAL RULES AND REGULATIONS, LAWS, ORDINANCES, AND CODES, AND ALL APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, (29 U.S.C. 651 ET SEQ.) AS AMENDED, AND ANY MODIFICATIONS, AMENDMENTS OR REVISIONS TO SAME.
29. THE CONTRACTOR MUST STRICTLY COMPLY WITH THE LATEST AND CURRENT OSHA STANDARDS AND REGULATIONS, AND/OR ANY OTHER AGENCY WITH JURISDICTION OVER EXCAVATION AND TRENCHING PROCEDURES. ENGINEER OF RECORD AND BOHLER HAS NO RESPONSIBILITY FOR OR AS RELATED TO EXCAVATION AND TRENCHING PROCEDURES AND WORK.
30. THE CONTRACTOR AND THE OWNER MUST INSTALL ALL ELEMENTS AND COMPONENTS IN STRICT COMPLIANCE WITH AND IN ACCORDANCE WITH MANUFACTURER'S STANDARDS AND RECOMMENDED INSTALLATION CRITERIA AND SPECIFICATIONS. IF THE CONTRACTOR AND/OR OWNER FAIL TO DO SO, THEY AGREE TO JOINTLY, INDEPENDENTLY, SEPARATELY, COLLECTIVELY, AND SEVERALLY INDEMNIFY, DEFEND, PROTECT AND HOLD ENGINEER OF RECORD AND BOHLER PARTIES HARMLESS FOR ALL INJURIES AND DAMAGES THAT ENGINEER SUFFERS AND COSTS THAT ENGINEER INCURS AS A RESULT OF SAID FAILURE.
31. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN AN ON-SITE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA) REQUIREMENTS OR LOCAL GOVERNING AGENCY FOR SITES WHERE ONE (1) ACRE OR MORE IS DISTURBED BY CONSTRUCTION ACTIVITIES (UNLESS THE LOCAL JURISDICTION REQUIRES A DIFFERENT THRESHOLD). THE CONTRACTOR MUST ENSURE THAT ALL ACTIVITIES, INCLUDING THOSE OF ALL SUBCONTRACTORS, ARE IN COMPLIANCE WITH THE SWPPP, INCLUDING BUT NOT LIMITED TO LOGGING ACTIVITIES (MINIMUM ONCE PER WEEK AND AFTER RAINFALL EVENTS) AND CORRECTIVE MEASURES, AS APPROPRIATE AND FURTHER, THE CONTRACTOR IS SOLELY AND COMPLETELY RESPONSIBLE FOR FAILING TO DO SO.
32. AS CONTAINED IN THESE DRAWINGS AND ASSOCIATED DOCUMENTS PREPARED BY THE ENGINEER OF RECORD AND BOHLER, THE USE OF THE WORDS 'CERTIFY' OR 'CERTIFICATION' CONSTITUTE(S) AN EXPRESSION ONLY OF PROFESSIONAL OPINION REGARDING THE INFORMATION WHICH IS THE SUBJECT OF THE ENGINEER OF RECORD'S AND BOHLER KNOWLEDGE OR BELIEF AND IN ACCORDANCE WITH COMMON AND ACCEPTED PROCEDURE CONSISTENT WITH THE APPLICABLE STANDARDS OF PRACTICE, AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE OF ANY NATURE OR TYPE, EITHER EXPRESSED OR IMPLIED, UNDER ANY CIRCUMSTANCES.

## DEMOLITION NOTES

(Rev. 2/2021)

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
2. THE CONTRACTOR MUST CONDUCT DEMOLITION/REMOVALS ACTIVITIES IN SUCH A MANNER AS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, WALKWAYS, AND ALL OTHER ADJACENT FACILITIES. THE CONTRACTOR MUST OBTAIN ALL APPLICABLE PERMITS FROM THE APPROPRIATE GOVERNMENTAL AUTHORITY(IES) PRIOR TO THE COMMENCEMENT OF ANY ROAD OPENING OR DEMOLITION ACTIVITIES IN OR ADJACENT TO THE RIGHT-OF-WAY.
3. WHEN DEMOLITION-RELATED ACTIVITIES IMPACT ROADWAYS AND/OR ROADWAY RIGHT-OF-WAY, THE CONTRACTOR MUST PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH THE CURRENT FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), AND THE FEDERAL, STATE, AND LOCAL REGULATIONS.
4. THE DEMOLITION (AND/OR REMOVALS) PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION AND TO IDENTIFY ONLY CONDITIONS REGARDING ITEMS TO BE DEMOLISHED, REMOVED, AND/OR TO REMAIN.
   - A. THE CONTRACTOR MUST ALSO REVIEW ALL CONSTRUCTION DOCUMENTS AND INCLUDE WITHIN THE DEMOLITION ACTIVITIES ALL INCIDENTAL WORK NECESSARY FOR THE CONSTRUCTION OF THE NEW SITE IMPROVEMENTS.
   - B. THIS PLAN IS NOT INTENDED TO AND DOES NOT PROVIDE DIRECTION REGARDING THE MEANS, METHODS, SEQUENCING, TECHNIQUES AND PROCEDURES TO BE EMPLOYED TO ACCOMPLISH THE WORK. ALL MEANS, METHODS, SEQUENCING, TECHNIQUES AND PROCEDURES TO BE USED MUST BE IN STRICT ACCORDANCE AND CONFORMANCE WITH ALL STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR MUST COMPLY WITH ALL OSHA AND OTHER SAFETY PRECAUTIONS NECESSARY TO PROVIDE A SAFE WORK SITE FOR THE CONTRACTOR AND THE PUBLIC.
5. THE CONTRACTOR MUST PROVIDE ALL "METHODS AND MEANS" NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES, AND ANY OTHER IMPROVEMENTS THAT ARE REMAINING ON OR OFF SITE. THE CONTRACTOR, AT THE CONTRACTOR'S SOLE COST, MUST REPAIR ALL DAMAGE TO ALL ITEMS AND FEATURES THAT ARE TO REMAIN. CONTRACTOR MUST USE NEW MATERIAL FOR ALL REPAIRS. CONTRACTOR'S REPAIRS MUST INCLUDE THE RESTORATION OF ALL ITEMS AND FEATURES REPAIRED TO THEIR PRE-DEMOLITION CONDITION, OR BETTER. CONTRACTOR MUST PERFORM ALL REPAIRS AT THE CONTRACTOR'S SOLE EXPENSE.
6. ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. THE CONTRACTOR MUST PROCEED WITH THE DEMOLITION IN A SYSTEMATIC AND SAFE MANNER, COMPLYING WITH ALL OSHA REQUIREMENTS, TO ENSURE PUBLIC AND CONTRACTOR SAFETY AND SAFETY TO ALL PROPERTY ON THE SITE OR ADJACENT OR NEAR TO THE SAME.
7. THE CONTRACTOR IS RESPONSIBLE FOR JOB SITE SAFETY, WHICH MUST INCLUDE, BUT IS NOT LIMITED TO, THE INSTALLATION AND MAINTENANCE OF BARRIERS, FENCING, OTHER APPROPRIATE AND/OR NECESSARY SAFETY FEATURES AND ITEMS NECESSARY TO PROTECT THE PUBLIC FROM AREAS OF CONSTRUCTION AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR MUST SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF ALL UNAUTHORIZED PERSONS AT ANY TIME, TO OR NEAR THE DEMOLITION AREA.
8. PRIOR TO THE COMMENCEMENT OF ANY SITE ACTIVITY AND ANY DEMOLITION ACTIVITY, THE CONTRACTOR MUST, IN WRITING, RAISE ANY QUESTIONS CONCERNING THE ACCURACY OR INTENT OF THESE PLANS AND/OR SPECIFICATIONS, ALL CONCERNS OR QUESTIONS REGARDING THE APPLICABLE SAFETY STANDARDS, AND/OR THE SAFETY OF THE CONTRACTOR AND/OR THIRD PARTIES IN PERFORMING THE WORK ON THIS PROJECT. ANY SUCH CONCERNS MUST BE CONVEYED TO THE ENGINEER OF RECORD AND BOHLER , IN WRITING AND MUST ADDRESS ALL ISSUES AND ITEMS RESPONDED TO, BY THE ENGINEER OF RECORD AND BY BOHLER, IN WRITING. ALL DEMOLITION ACTIVITIES MUST BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, RULES, REQUIREMENTS, STATUTES, ORDINANCES AND CODES.
9. THE CONTRACTOR MUST BECOME FAMILIAR WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION AND/OR DISCONNECTION AS IDENTIFIED OR REQUIRED FOR THE PROJECT. THE CONTRACTOR MUST PROVIDE THE OWNER WITH WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED, REMOVED AND/OR ABANDONED IN ACCORDANCE WITH THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.
10. PRIOR TO COMMENCING ANY DEMOLITION, THE CONTRACTOR MUST:
   - A. OBTAIN ALL REQUIRED PERMITS AND MAINTAIN THE SAME ON SITE FOR REVIEW BY THE ENGINEER AND ALL PUBLIC AGENCIES WITH JURISDICTION THROUGHOUT THE DURATION OF THE PROJECT, SITE WORK, AND DEMOLITION WORK.
   - B. NOTIFY, AT A MINIMUM, THE MUNICIPAL ENGINEER, DESIGN ENGINEER, AND LOCAL SOIL CONSERVATION JURISDICTION, AT LEAST 72 BUSINESS HOURS PRIOR TO THE COMMENCEMENT OF WORK.
   - C. INSTALL THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE, AND MAINTAIN SAID CONTROLS UNTIL SITE IS STABILIZED
   - D. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR MUST CALL THE STATE ONE-CALL DAMAGE PROTECTION SYSTEM FOR UTILITY MARK OUT, IN ADVANCE OF ANY EXCAVATION.
   - E. LOCATE AND PROTECT ALL UTILITIES AND SERVICES, INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN AND ADJACENT TO THE LIMITS OF PROJECT ACTIVITIES. THE CONTRACTOR MUST USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL UNDERGROUND UTILITIES.
   - F. PROTECT AND MAINTAIN IN OPERATION, ALL ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING REMOVED DURING ANY DEMOLITION ACTIVITIES.
   - G. ARRANGE FOR AND COORDINATE WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) FOR THE TEMPORARY OR PERMANENT TERMINATION OF SERVICE REQUIRED BY THE PROJECT PLANS AND SPECIFICATIONS REGARDING THE METHODS AND MEANS TO CONSTRUCT SAME. THESE ARE NOT THE ENGINEER OF RECORD'S RESPONSIBILITY. IN THE EVENT OF ABANDONMENT, THE CONTRACTOR MUST PROVIDE THE UTILITY ENGINEER AND OWNER WITH IMMEDIATE WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTIONAL AND UTILITY COMPANY REQUIREMENTS.
   - H. ARRANGE FOR AND COORDINATE WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) REGARDING WORKING "OFF-PEAK" HOURS OR ON WEEKENDS AS NECESSARY OR AS REQUIRED TO MINIMIZE THE IMPACT ON, OF, AND TO THE AFFECTED PARTIES. WORK REQUIRED TO BE PERFORMED "OFF-PEAK" IS TO BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
   - I. IN THE EVENT THE CONTRACTOR DISCOVERS ANY HAZARDOUS MATERIAL, THE REMOVAL OF WHICH IS NOT ADDRESSED IN THE PROJECT PLANS AND SPECIFICATIONS OR THE CONTRACT WITH THE OWNER/DEVELOPER, THE CONTRACTOR MUST IMMEDIATELY CEASE ALL WORK IN THE AREA OF DISCOVERY, AND IMMEDIATELY NOTIFY, IN WRITING AND VERBALLY, THE OWNER AND ENGINEER OF RECORD AND BOHLER, THE DISCOVERY OF SUCH MATERIALS TO PURSUE PROPER AND COMPLIANT REMOVAL OF SAME.
11. THE CONTRACTOR MUST NOT PERFORM ANY EARTH MOVEMENT ACTIVITIES, DEMOLITION OR REMOVAL OF FOUNDATION WALLS, FOOTINGS, OR OTHER MATERIALS WITHIN THE LIMITS OF DISTURBANCE, UNLESS SAME IS IN STRICT ACCORDANCE AND CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, OR PURSUANT TO THE WRITTEN DIRECTION OF THE OWNER'S STRUCTURAL OR GEOTECHNICAL ENGINEER.
12. DEMOLITION ACTIVITIES AND EQUIPMENT MUST NOT USE OR INCLUDE AREAS OUTSIDE THE DEFINED PROJECT LIMIT LINE, WITHOUT SPECIFIC WRITTEN PERMISSION AND AUTHORITY OF AND FROM THE OWNER AND ALL GOVERNMENTAL AGENCIES WITH JURISDICTION.
13. THE CONTRACTOR MUST BACKFILL ALL EXCAVATION RESULTING FROM, OR INCIDENTAL TO, DEMOLITION ACTIVITIES. BACKFILL MUST BE ACCOMPLISHED WITH APPROVED BACKFILL MATERIALS AND MUST BE SUFFICIENTLY COMPACTED TO SUPPORT ALL NEW IMPROVEMENTS AND MUST BE PERFORMED IN COMPLIANCE WITH THE RECOMMENDATIONS AND GUIDANCE ARTICULATED IN THE GEOTECHNICAL REPORT. BACKFILLING MUST OCCUR IMMEDIATELY AFTER DEMOLITION ACTIVITIES AND MUST BE PERFORMED SO AS TO PREVENT WATER ENTERING THE EXCAVATION. FINISHED SURFACES MUST BE GRADED TO PROMOTE POSITIVE DRAINAGE. THE CONTRACTOR IS RESPONSIBLE FOR COMPACTION TESTING AND MUST SUBMIT SUCH REPORTS AND RESULTS TO THE ENGINEER OF RECORD AND THE OWNER.
14. EXPLOSIVES MUST NOT BE USED WITHOUT PRIOR WRITTEN CONSENT FROM BOTH THE OWNER AND ALL APPLICABLE, NECESSARY AND REQUIRED GOVERNMENTAL AUTHORITIES. PRIOR TO COMMENCING ANY EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION ACTIVITIES, THE CONTRACTOR MUST ENSURE AND OVERSEE THE INSTALLATION OF ALL OF THE REQUIRED PERMIT AND EXPLOSIVE CONTROL MEASURES THAT THE FEDERAL, STATE, AND LOCAL GOVERNMENTS REQUIRE. THE CONTRACTOR IS ALSO RESPONSIBLE TO CONDUCT AND PERFORM ALL INSPECTION AND SEISMIC VIBRATION TESTING THAT IS REQUIRED TO MONITOR THE EFFECTS ON ALL LOCAL STRUCTURES AND THE LIKE.
15. IN ACCORDANCE WITH FEDERAL, STATE, AND/OR LOCAL STANDARDS, THE CONTRACTOR MUST USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN THE AIR. AFTER THE DEMOLITION IS COMPLETE, THE CONTRACTOR MUST CLEAN ALL ADJACENT STRUCTURES AND IMPROVEMENTS TO REMOVE ALL DUST AND DEBRIS WHICH THE DEMOLITION OPERATIONS CAUSE. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR "PRE-DEMOLITION" CONDITION AT CONTRACTOR'S SOLE COST.
16. PAVEMENT MUST BE SAW CUT IN STRAIGHT LINES. ALL DEBRIS FROM REMOVAL OPERATIONS MUST BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS OUTSIDE OF APPROVED AREAS WILL NOT BE PERMITTED, INCLUDING BUT NOT LIMITED TO, THE PUBLIC RIGHT-OF-WAY.
17. THE CONTRACTOR MUST MAINTAIN A RECORD SET OF PLANS WHICH INDICATES THE LOCATION OF EXISTING UTILITIES THAT ARE CAPPED, ABANDONED IN PLACE, OR RELOCATED DUE TO DEMOLITION ACTIVITIES. THIS RECORD DOCUMENT MUST BE PREPARED IN A NEAT AND WORKMAN-LIKE MANNER AND TURNED OVER TO THE OWNER/DEVELOPER UPON COMPLETION OF THE WORK, ALL OF WHICH IS AT THE CONTRACTOR'S SOLE COST.
18. THE CONTRACTOR MUST EMPTY, CLEAN AND REMOVE FROM THE SITE ALL UNDERGROUND STORAGE TANKS, IF ENCOUNTERED, IN ACCORDANCE WITH FEDERAL, STATE, COUNTY AND LOCAL REQUIREMENTS, PRIOR TO CONTINUING CONSTRUCTION IN THE AREA AROUND THE TANK WHICH EMPTYING, CLEANING AND REMOVAL ARE AT THE CONTRACTOR'S SOLE COST.

## SOIL EROSION & SEDIMENT CONTROL PLAN NOTES

(Rev. 1/2020)

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
2. EROSION CONTROL MEASURES MUST CONFORM TO THE VIRGINIA GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL UNLESS OTHERWISE NOTED, OR UNLESS ENGINEER CLEARLY AND SPECIFICALLY, IN WRITING, DIRECTS OTHERWISE. INSTALLATION OF EROSION CONTROL, CLEARING, AND SITE WORK MUST BE PERFORMED EXACTLY AS INDICATED IN THE EROSION CONTROL CONSTRUCTION NOTES.
3. THE DISTURBED LAND AREA OF THIS SITE IS APPROXIMATELY 1.31 ACRES.
4. THE FOLLOWING EROSION CONTROL MEASURES ARE PROPOSED FOR THIS SITE:
   - A. STABILIZED CONSTRUCTION ENTRANCE/ EXIT - A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT IS TO BE INSTALLED AT THE DESIGNATED LOCATION SHOWN ON THE PLAN. THIS AREA MUST BE GRADED SO THAT RUNOFF WATER WILL BE RETAINED ON-SITE.
   - B. SEDIMENT FENCE - INSTALL SILT FENCE(S) AND/OR SILT SOCK AROUND ALL OF THE DOWNSLOPE PERIMETERS OF THE SITE, TEMPORARY FILL AND SOIL STOCKPILES.
   - C. INSTALL FILTER FABRIC DROP INLET PROTECTION AROUND EACH DRAINAGE INLET AS DRAINAGE STRUCTURES ARE INSTALLED TO REDUCE THE QUANTITY OF SEDIMENT. INSTALL TEMPORARY INLET PROTECTION ON INLETS DOWNSLOPE FROM DISTURBANCE, WHICH MAY BE BEYOND THE LIMITS OF DISTURBED AREA.
5. INSTALLATION OF EROSION CONTROL DEVICES MUST BE IN ACCORDANCE WITH ALL OF THE MANUFACTURER'S RECOMMENDATIONS.
6. THE CONTRACTOR MUST INSPECT EROSION CONTROL MEASURES WEEKLY. THE CONTRACTOR MUST REMOVE ANY SILT DEPOSITS GREATER THAN 6" COLLECTED ON THE FILTER FABRIC AND/OR SILT SOCK BARRIERS AND EXCAVATE AND REMOVE ANY SILT FROM DROP INLET PROTECTION.
7. THE CONTRACTOR MUST APPLY TEMPORARY SEED AND MULCH TO ALL DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINISHED GRADE AND VEGETATED WITHIN 7 DAYS. WHEN AREAS ARE DISTURBED AFTER THE GROWING SEASON, THE CONTRACTOR MUST STABILIZE SAME WITH GEOTEXTILE FABRIC AND MAINTAIN SAME IN STRICT ACCORDANCE WITH BEST MANAGEMENT PRACTICES.
8. THE CONTRACTOR MUST INSTALL ADDITIONAL EROSION CONTROL MEASURES IF ENGINEER SO REQUIRES, TO PREVENT ANY, INCLUDING THE INCIDENTAL, DISCHARGE OF SILT-LADEN RUNOFF FROM EXITING THE SITE.
9. THE CONTRACTOR MUST BE RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL EROSION CONTROL MEASURES ON THE SITE UNTIL PERMANENT PAVING AND TURF/LANDSCAPING IS ESTABLISHED. THE COSTS OF INSTALLING AND MAINTAINING THE EROSION CONTROL MEASURES MUST BE INCLUDED IN THE BID PRICE FOR THE SITE WORK AND THE CONTRACTOR IS RESPONSIBLE FOR ALL SUCH COSTS.
10. THE CONTRACTOR MUST CONTINUE TO MAINTAIN ALL EROSION CONTROL MEASURES UNTIL THE COMPLETION OF CONSTRUCTION AND THE ESTABLISHMENT OF VEGETATION.
11. THE CONTRACTOR MUST REMOVE EROSION CONTROL MEASURES, SILT AND DEBRIS AFTER ESTABLISHING PERMANENT VEGETATION COVER OR OTHER INSTALLING A DIFFERENT, SPECIFIED METHOD OF STABILIZATION.
12. THIS PLAN REPRESENTS THE MINIMUM LEVEL OF IMPLEMENTATION OF TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES, MEASURES AND STRUCTURES. ADDITIONAL FACILITIES, MEASURES AND STRUCTURES MUST BE INSTALLED WHERE NECESSARY TO COMPLY WITH ALL APPLICABLE CODES AND STANDARDS AND/OR TO PREVENT ANY, INCLUDING THE INCIDENTAL DISCHARGE OF SILT-LADEN RUNOFF FROM EXITING THE SITE.
13. THE CONTRACTOR MUST PROTECT ALL EXISTING TREES AND SHRUBS. THE CONTRACTOR MUST REFER TO THE LANDSCAPE AND/OR DEMOLITION PLAN(S) FOR TREE PROTECTION, FENCE LOCATIONS AND DETAILS.
14. THE CONTRACTOR MUST REFER TO GRADING PLANS FOR ADDITIONAL INFORMATION.
15. THE CONTRACTOR MUST CLEAN EXISTING AND PROPOSED DRAINAGE STRUCTURES AND INTERCONNECTING PIPES ON OR OFF-SITE AS THE JURISDICTIONAL AGENCY REQUIRES, BOTH AT THE TIME OF SITE STABILIZATION AND AT END OF PROJECT.
16. SOIL EROSION CONTROL MEASURES MUST BE ADJUSTED OR RELOCATED BY THE CONTRACTOR AS IDENTIFIED DURING SITE OBSERVATION IN ORDER TO MAINTAIN THE COMPLETE EFFECTIVENESS OF ALL CONTROL MEASURES.
17. THE CONTRACTOR MUST IDENTIFY, ON THE PLAN, THE LOCATION OF WASTE CONTAINERS, FUEL STORAGE TANKS, CONCRETE WASHOUT AREAS AND ANY OTHER LOCATIONS WHERE HAZARDOUS MATERIALS ARE STORED.

## SITE LAYOUT NOTES

(Rev. 1/2020)

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
2. PRIOR TO THE COMMENCEMENT OF GENERAL CONSTRUCTION, THE CONTRACTOR MUST INSTALL SOIL EROSION CONTROL AND ANY STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MEASURES NECESSARY, AS INDICATED ON THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN AND IN ACCORDANCE WITH APPLICABLE AND/OR APPROPRIATE AGENCIES' GUIDELINES TO PREVENT SEDIMENT AND/OR LOOSE DEBRIS FROM WASHING ONTO ADJACENT PROPERTIES OR THE RIGHT OF WAY.
3. ALL DIRECTIONAL/TRAFFIC SIGNING AND PAVEMENT STRIPING MUST CONFORM TO THE LATEST STANDARDS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ANY APPLICABLE STATE OR LOCALLY APPROVED SUPPLEMENTS, GUIDELINES, RULES, REGULATIONS, STANDARDS AND THE LIKE.
4. THE LOCATIONS OF PROPOSED UTILITY POLES AND TRAFFIC SIGNS SHOWN ON THE PLANS ARE SCHEMATIC AND PRELIMINARY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD-VERIFYING THEIR LOCATION. THE CONTRACTOR MUST COORDINATE THE RELOCATION OF TRAFFIC SIGNS WITH THE ENTITY WITH JURISDICTION OVER THE PROJECT.
5. ALL DIMENSIONS SHOWN ARE TO BOTTOM FACE OF CURB, EDGE OF PAVEMENT, OR EDGE OF BUILDING, EXCEPT WHEN DIMENSION IS TO A PROPERTY LINE, STAKE OUT OF LOCATIONS OF INLETS, LIGHT POLES, ETC. MUST BE PERFORMED IN STRICT ACCORDANCE WITH THE DETAILS, UNLESS NOTED CLEARLY OTHERWISE.

## GRADING NOTES

(Rev. 2/2021)

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
2. SITE GRADING MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AS REFERENCED IN THIS PLAN SET. IF NO GEOTECHNICAL REPORT HAS BEEN REFERENCED, THE CONTRACTOR MUST HAVE A GEOTECHNICAL ENGINEER PROVIDE WRITTEN SPECIFICATIONS AND RECOMMENDATIONS PRIOR TO THE CONTRACTOR COMMENCING THE GRADING WORK. THE CONTRACTOR MUST FOLLOW THE REQUIREMENTS OF ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS, WHICH HAVE JURISDICTION OVER THIS PROJECT.
3. THE CONTRACTOR IS REQUIRED TO SECURE ALL NECESSARY AND/OR REQUIRED PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. THE CONTRACTOR MUST SUPPLY A COPY OF APPROVALS TO THE ENGINEER OF RECORD AND THE OWNER PRIOR TO THE CONTRACTOR COMMENCING ANY WORK.
4. THE CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFYING EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCING ANY CONSTRUCTION. SHOULD DISCREPANCIES BETWEEN THE PLANS AND INFORMATION OBTAINED THROUGH FIELD VERIFICATIONS BE IDENTIFIED OR EXIST, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IN WRITING.
5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING ALL UNSUITABLE MATERIALS WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. THE CONTRACTOR MUST COMPACT ALL EXCAVATED OR FILLED AREAS IN STRICT ACCORDANCE WITH THE GEOTECHNICAL REPORT'S GUIDANCE. MOISTURE CONTENT AT TIME OF PLACEMENT MUST BE SUBMITTED IN A COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER, REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED. THIS REPORT MUST VERIFY THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES WHICH ARE IN EFFECT AND WHICH ARE APPLICABLE TO THE PROJECT. SUBBASE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT MUST BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE BY OWNER/DEVELOPER, OR OWNER/DEVELOPER'S REPRESENTATIVE, SUBBASE MUST BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL, COMPACTED AS THE GEOTECHNICAL REPORT DIRECTS. EARTHWORK ACTIVITIES INCLUDING, BUT NOT LIMITED TO, EXCAVATION, BACKFILL, AND COMPACTING MUST COMPLY WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES. EARTHWORK ACTIVITIES MUST COMPLY WITH THE STANDARD STATE DOT SPECIFICATIONS FOR ROADWAY CONSTRUCTION (LATEST EDITION) AND ANY AMENDMENTS OR REVISIONS THERETO.
6. IN THE EVENT OF A DISCREPANCY(IES) AND/OR A CONFLICT(S) BETWEEN PLANS, OR RELATIVE TO OTHER PLANS, THE GRADING PLAN TAKES PRECEDENCE AND CONTROLS. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IN WRITING, OF ANY DISCREPANCY(IES) AND/OR CONFLICT(S).
7. THE CONTRACTOR IS RESPONSIBLE TO IMPORT FILL OR EXPORT EXCESS MATERIAL AS NECESSARY TO CONFORM TO THE PROPOSED GRADING, AND TO BACKFILL EXCAVATIONS FOR THE INSTALLATION OF UNDERGROUND IMPROVEMENTS.

## ACCESSIBILITY DESIGN GUIDELINES

(Rev. 1/2020)

1. ALL ACCESSIBLE (A.K.A. ADA) COMPONENTS AND ACCESSIBLE ROUTES MUST BE CONSTRUCTED TO MEET, AT A MINIMUM, THE MORE STRINGENT OF: (A) THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE (42 U.S.C. § 12101 ET SEQ. AND 42 U.S.C. § 4151 ET SEQ.); AND (B) ANY APPLICABLE LOCAL AND STATE GUIDELINES, AND ANY AND ALL AMENDMENTS TO BOTH, WHICH ARE IN EFFECT WHEN THESE PLANS WERE COMPLETED.
2. THE CONTRACTOR MUST REVIEW ALL DOCUMENTS REFERENCED IN THESE NOTES FOR ACCURACY, COMPLIANCE AND CONSISTENCY WITH INDUSTRY GUIDELINES.
3. THE CONTRACTOR MUST EXERCISE APPROPRIATE CARE AND PRECISION IN CONSTRUCTION OF ACCESSIBLE (ADA) COMPONENTS AND ACCESSIBLE ROUTES FOR THE SITE. FINISHED SURFACES ALONG THE ACCESSIBLE ROUTE OF TRAVEL FROM PARKING SPACES, PUBLIC TRANSPORTATION, PEDESTRIAN ACCESS, AND INTER-BUILDING ACCESS, TO POINTS OF ACCESSIBLE BUILDING ENTRANCE/EXIT, MUST COMPLY WITH THE ACCESSIBLE GUIDELINES AND REQUIREMENTS WHICH INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
   - A. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SLOPES MUST NOT EXCEED 1:50 (2.0%) IN ANY DIRECTION.
   - B. PATH OF TRAVEL ALONG ACCESSIBLE ROUTE MUST PROVIDE A 36-INCHES MINIMUM WIDTH (48-INCHES PREFERRED), OR AS SPECIFIED BY THE GOVERNING AGENCY. UNOBSTRUCTED WIDTH OF TRAVEL (CAR OVERHANGS AND/OR HANDRAILS) MUST NOT REDUCE THIS MINIMUM WIDTH. THE SLOPE MUST NOT EXCEED 1:20 (5.0%) IN THE DIRECTION OF TRAVEL AND MUST NOT EXCEED 1:50 (2.0%) IN CROSS SLOPE. WHERE ACCESSIBLE PATH OF TRAVEL IS GREATER THAN 1:20 (5.0%), AN ACCESSIBLE RAMP MUST BE PROVIDED. ALONG THE ACCESSIBLE PATH OF TRAVEL, OPENINGS MUST NOT EXCEED 1/2-INCH IN WIDTH. VERTICAL CHANGES OF UP TO 1/2-INCH ARE PERMITTED ONLY IF THEY INCLUDES A 1/4-INCH BEVEL AT A SLOPE NOT STEEPER THAN 1:2. NO VERTICAL CHANGES OVER 1/4-INCH ARE PERMITTED.
   - C. ACCESSIBLE RAMPS MUST NOT EXCEED A SLOPE OF 1:12 (8.3%) AND A RISE OF 30-INCHES. LEVEL LANDINGS MUST BE PROVIDED AT EACH END OF ACCESSIBLE RAMPS. LANDING MUST PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES, AND MUST NOT EXCEED 1:50 (2.0%) SLOPE IN ANY DIRECTION. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS MUST HAVE A CLEAR LANDING OF A MINIMUM OF 60-INCHES BY 60-INCHES. HAND RAILS ON BOTH SIDES OF THE RAMP MUST BE PROVIDED ON AN ACCESSIBLE RAMP WITH A RISE GREATER THAN 6-INCHES.
   - D. ACCESSIBLE CURB RAMPS MUST NOT EXCEED A SLOPE OF 1:12 (8.3%). WHERE FLARED SIDES ARE PROVIDED, THEY MUST NOT EXCEED 1:10 (10%) SLOPE. LEVEL LANDING MUST BE PROVIDED AT RAMPS TOP AT A MINIMUM OF 36-INCHES LONG (48-INCHES PREFERRED). IN ALTERATIONS, WHEN THERE IS NO LANDING AT THE TOP, FLARE SIDES SLOPES MUST NOT EXCEED A SLOPE OF 1:12 (8.3%).
   - E. DOORWAY LANDINGS AREAS MUST BE PROVIDED ON THE EXTERIOR SIDE OF ANY DOOR LEADING TO AN ACCESSIBLE PATH OF TRAVEL. THIS LANDING MUST BE SLOPED AWAY FROM THE DOOR NO MORE THAN 1:50 (2.0%) FOR POSITIVE DRAINAGE. THIS LANDING AREA MUST BE NO FEWER THAN 60-INCHES (5 FEET) LONG, EXCEPT WHERE OTHERWISE CLEARLY PERMITTED BY ACCESSIBLE STANDARDS FOR ALTERNATIVE DOORWAY OPENING CONDITIONS. (SEE ICC/ANSI A117.1-2009 AND OTHER REFERENCES INCORPORATED BY CODE).
   - F. WHEN THE PROPOSED CONSTRUCTION INVOLVES RECONSTRUCTION, MODIFICATION, REVISION OR EXTENSION OF OR TO ACCESSIBLE COMPONENTS FROM EXISTING DOORWAYS OR SURFACES, THE CONTRACTOR MUST VERIFY ALL EXISTING ELEVATIONS SHOWN ON THE PLAN. NOTE THAT TABLE 405.2 OF THE DEPARTMENT OF JUSTICE'S ADA STANDARDS FOR ACCESSIBLE DESIGN ALLOWS FOR STEEPER RAMP SLOPES, IN RARE CIRCUMSTANCES. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IN WRITING, OF ANY DISCREPANCIES AND/OR FIELD CONDITIONS THAT DIFFER IN ANY WAY OR IN ANY RESPECT FROM WHAT IS SHOWN ON THE PLANS BEFORE COMMENCING ANY WORK. CONSTRUCTED IMPROVEMENTS MUST FALL WITHIN THE MAXIMUM AND MINIMUM LIMITATIONS IMPOSED BY THE BARRIER FREE REGULATIONS AND THE ACCESSIBLE GUIDELINES.
   - G. THE CONTRACTOR MUST VERIFY ALL OF THE SLOPES OF THE CONTRACTOR'S FORMS PRIOR TO POURING CONCRETE. IF ANY NON-CONFORMANCE EXISTS OR IS OBSERVED OR DISCOVERED, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IN WRITING, PRIOR TO POURING CONCRETE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL COSTS TO REMOVE, REPAIR AND/OR REPLACE NON-CONFORMING CONCRETE AND/OR PAVEMENT SURFACES.
4. IT IS STRONGLY RECOMMENDED THAT THE CONTRACTOR REVIEW THE INTENDED CONSTRUCTION TO ENSURE SAME IS CONSISTENT WITH THE LOCAL BUILDING CODE PRIOR TO COMMENCING CONSTRUCTION.

## DRAINAGE AND UTILITY NOTES

(Rev.2/2021)

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
2. LOCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE, AND THE CONTRACTOR MUST INDEPENDENTLY VERIFY AND CONFIRM THOSE LOCATIONS AND SERVICES WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCING ANY CONSTRUCTION OR EXCAVATION. THE CONTRACTOR MUST INDEPENDENTLY VERIFY AND CONFIRM ALL SANITARY CONNECTION POINTS AND ALL OTHER UTILITY SERVICE CONNECTION POINTS IN THE FIELD, PRIOR TO COMMENCING ANY CONSTRUCTION. THE CONTRACTOR MUST REPORT ALL DISCREPANCIES, ERRORS AND OMISSIONS IN WRITING, TO THE ENGINEER OF RECORD.
3. THE CONTRACTOR MUST VERTICALLY AND HORIZONTALLY LOCATE ALL UTILITIES AND SERVICES INCLUDING, BUT NOT LIMITED TO, GAS, WATER, ELECTRIC, SANITARY AND STORM, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE OR WORK SPACE, WHICHEVER IS GREATER. THE CONTRACTOR MUST USE, REFER TO, AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL OF THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ANY EXISTING UTILITIES WHICH OCCUR DURING CONSTRUCTION, AT NO COST TO THE OWNER AND AT CONTRACTOR'S SOLE COST AND EXPENSE. THE CONTRACTOR MUST BEAR ALL COSTS ASSOCIATED WITH DAMAGE TO ANY EXISTING UTILITIES WHICH OCCURS DURING CONSTRUCTION.
4. THE CONTRACTOR MUST FIELD VERIFY THE PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES BY USING A TEST PIT TO CONFIRM EXACT DEPTH, PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5. STORMWATER ROOF DRAIN LOCATIONS ARE BASED ON ARCHITECTURAL PLANS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATIONS OF SAME BASED UPON FINAL ARCHITECTURAL PLANS.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING SITE PLAN DOCUMENTS AND ARCHITECTURAL PLANS FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS; GREASE TRAP REQUIREMENTS; AND DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE ARCHITECT WILL DETERMINE THE UTILITY SERVICE SIZES. THE CONTRACTOR MUST COORDINATE INSTALLATION OF UTILITY SERVICES WITH THE INDIVIDUAL COMPANIES TO AVOID CONFLICTS AND TO ENSURE THAT PROPER DEPTHS ARE ACHIEVED. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT INSTALLATION OF ALL IMPROVEMENTS COMPLIES WITH ALL UTILITY REQUIREMENTS OF THE APPLICABLE JURISDICTION AND REGULATORY AGENCIES AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES AND, FURTHER, IS RESPONSIBLE FOR COORDINATING THE UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE. WHERE A CONFLICT(S) EXISTS BETWEEN THESE DOCUMENTS AND THE ARCHITECTURAL PLANS, OR WHERE ARCHITECTURAL PLAN UTILITY CONNECTION POINTS DIFFER, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IN WRITING, AND PRIOR TO CONSTRUCTION, MUST RESOLVE SAME.
7. ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION MUST BE EXACTLY AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND THE CONTRACTOR MUST COORDINATE SAME WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS. WHEN THE PROJECT DOES NOT HAVE GEOTECHNICAL RECOMMENDATIONS, FILL AND COMPACTION MUST COMPLY WITH APPLICABLE REQUIREMENTS AND SPECIFICATIONS. ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR DESIGN OF TRENCH BACKFILL OR FOR COMPACTION REQUIREMENTS
8. DURING THE INSTALLATION OF SANITARY, STORM, AND ALL UTILITIES, THE CONTRACTOR MUST MAINTAIN A CONTEMPORANEOUS AND THOROUGH RECORD OF CONSTRUCTION TO IDENTIFY THE AS-INSTALLED LOCATIONS OF ALL UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR MUST CAREFULLY NOTE ANY INSTALLATIONS THAT DEVIATE, IN ANY RESPECT, FROM THE INFORMATION CONTAINED IN THESE PLANS. THIS RECORD MUST BE KEPT ON A CLEAN COPY OF THE APPROPRIATE PLAN(S), WHICH THE CONTRACTOR MUST PROMPTLY PROVIDE TO THE OWNER IMMEDIATELY UPON THE COMPLETION OF WORK.
9. THE CONTRACTOR MUST ENSURE THAT ALL UTILITY TRENCHES LOCATED IN EXISTING PAVED ROADWAYS INCLUDING SANITARY, WATER AND STORM SYSTEMS, ARE REPAIRED IN ACCORDANCE WITH REFERENCED MUNICIPAL, COUNTY AND OR STATE DOT DETAILS AS APPLICABLE. THE CONTRACTOR MUST COORDINATE INSPECTION AND APPROVAL OF COMPLETED WORK WITH THE AGENCY WITH JURISDICTION OVER SAME.
10. FINAL LOCATIONS OF PROPOSED UTILITY POLES, AND/ OR POLES TO BE RELOCATED ARE AT THE SOLE DISCRETION OF THE RESPECTIVE UTILITY COMPANY, REGARDLESS OF WHAT THIS PLAN DEPICTS.
11. WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS MUST BE SPECIFIED BY THE LOCAL UTILITY COMPANY. THE CONTRACTOR MUST CONTACT THE APPLICABLE MUNICIPALITY TO CONFIRM THE PROPER WATER METER AND VAULT, PRIOR TO COMMENCING CONSTRUCTION.
12. THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT MUST BE ADJUSTED, AS NECESSARY, TO MATCH PROPOSED FINISHED GRADES WITH NO TRIPPING OR SAFETY HAZARD IN ACCORDANCE WITH ALL APPLICABLE STANDARDS, REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.

## LIGHTING NOTES

(Rev. 1/2020)

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
2. THE LIGHTING CONTRACTOR MUST COMPLY WITH ALL APPLICABLE CONTRACTOR REQUIREMENTS INDICATED IN THE PLANS, INCLUDING BUT NOT LIMITED TO GENERAL NOTES, GRADING AND UTILITY NOTES, SITE SAFETY, AND ALL AGENCY AND GOVERNMENTAL REGULATIONS.
3. THE LIGHTING PLAN DEPICTS PROPOSED, SUSTAINED ILLUMINATION LEVELS CALCULATED USING DATA PROVIDED BY THE NOTED MANUFACTURER. ACTUAL SUSTAINED SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINAIRES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, THE SERVICE LIFE OF EQUIPMENT AND LUMINAIRES AND OTHER RELATED VARIABLE FIELD CONDITIONS.
4. THE LIGHTING VALUES AND CALCULATION POINTS DEPICTED ON THIS PLAN ARE ANALYZED ON A HORIZONTAL GEOMETRIC PLANE AT GROUND LEVEL UNLESS OTHERWISE NOTED. ILLUMINATION LEVELS ARE SHOWN IN FOOT-CANDLES (FC).
5. THE LUMINAIRES, LAMPS AND LENSES MUST BE REGULARLY INSPECTED/MAINTAINED TO ENSURE THAT THEY FUNCTION PROPERLY. THIS WORK SHOULD INCLUDE, BUT IS NOT LIMITED TO, VISUAL OBSERVATION, CLEANING OF LENSES, AND RE-LAMPING ACCORDING TO MANUFACTURER RECOMMENDATIONS. FAILURE TO FOLLOW THE ABOVE STEPS COULD RESULT IN IMPROPER LIGHT DISTRIBUTION AND FAILURE TO COMPLY WITH THE APPROVED DESIGN. UPON COMPLETION AND OWNER'S ACCEPTANCE OF THE WORK, THE ABOVE RESPONSIBILITIES BECOMES SOLELY THE OWNER'S.
6. THE LIGHTING PLAN IS INTENDED TO SHOW THE LOCATIONS AND TYPE OF LUMINAIRES. POWER SYSTEM, CONDUITS, WIRING AND OTHER ELECTRICAL COMPONENTS ARE SOLELY THE ARCHITECT'S, MECHANICAL ENGINEER'S AND/OR LIGHTING CONTRACTOR'S RESPONSIBILITY, AS INDICATED IN THE CONSTRUCTION CONTRACT DOCUMENTS. THE LIGHTING CONTRACTOR MUST COORDINATE WITH THE PROJECT ARCHITECT AND/OR ELECTRICAL ENGINEER REGARDING ANY AND ALL POWER SOURCES AND TIMING DEVICES NECESSARY TO MEET THE DESIGN INTENT. THESE ITEMS MUST BE INSTALLED AS REQUIRED BY STATE AND LOCAL REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF LIGHTING FIXTURES AND APPURTENANCES IN ACCORDANCE WITH ALL APPLICABLE BUILDING AND ELECTRICAL CODES.
7. THE CONTRACTOR MUST BRING IMMEDIATELY, IN WRITING, ANY LIGHT LOCATIONS THAT CONFLICT WITH DRAINAGE, UTILITIES, OR OTHER STRUCTURE(S) TO THE ENGINEER OF RECORD'S ATTENTION, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
8. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT SHIELDING AND OR ROTATED OPTICS ARE INSTALLED AS INDICATED ON THE PLAN IN ORDER TO ACHIEVE THE LIGHTING LEVELS THE REVIEWING AGENCY APPROVED.

## ALBEMARLE COUNTY NOTES

1. ACCESSIBLE PARKING SPACES, ACCESS ISLES, AND ACCESSIBLE ROUTE SHALL BE INSTALLED IN ACCORDANCE WITH ICC ANSI A117.1-09 AND THE 2015 VIRGINIA CONSTRUCTION CODE.
2. ALL WATER LINES, SEWER LINES, AND FIRE LINES FROM THE MAIN TO THE STRUCTURE LOCATED ON PRIVATE PROPERTY MUST HAVE A VISUAL INSPECTION PERFORMED BY THE BUILDING DEPARTMENT.
3. WHERE THE FLOOD LEVEL RIMS OF PLUMBING FIXTURES ARE BELOW THE ELEVATION OF THE MANHOLE COVER OF THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER, THE FIXTURES SHALL BE PROTECTED BY A BACKWATER VALVE INSTALLED IN THE BUILDING DRAIN, BRANCH OF THE BUILDING DRAIN OR HORIZONTAL BRANCH SERVING SUCH FIXTURES. PLUMBING FIXTURES HAVING FLOOD LEVEL RIMS ABOVE THE ELEVATION OF THE MANHOLE COVER OF THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER SHALL NOT DISCHARGE THROUGH A BACKWATER VALVE.
4. ALL ROOF DRAINS SHALL DISCHARGE IN A MANNER NOT TO CAUSE A PUBLIC NUISANCE AND NOT OVER SIDEWALKS.
5. BUILDINGS OR STRUCTURES BUILT BEFORE JANUARY 1, 1985 MUST HAVE AN ASBESTOS SURVEY PERFORMED IN ORDER TO APPLY FOR A DEMOLITION PERMIT. ASBESTOS REMOVAL PERMITS ARE REQUIRED IF POSITIVE FOR SUCH FROM ALBEMARLE COUNTY AND VDOLI. CONTACT VDOLI FOR THEIR ADDITIONAL REQUIREMENTS AND PERMITS FOR DEMOLITION PROJECTS AT 540-562-3580 X131.
6. A KNOX BOX WILL BE REQUIRED.

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|---|---|
| **PROJECT No.:** | V211201 |
| **DRAWN BY:** | DSH |
| **CHECKED BY:** | RTY |
| **DATE:** | 10/22/2021 |
| **CAD I.D.:** | CNDS -0 |

PROJECT:

**SITE PLAN DOCUMENTS**

FOR

DISCOUNT TIRE

PROPOSED LOCATION

1636 SEMINOLE TRAIL
ALBERMARLE COUNTY
CHARLOTTESVILLE, VIRGINIA 22901

BOHLER //
28 BLACKWELL PARK LANE, SUITE 201
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COMMONWEALTH OF VIRGINIA
RYAN YAUGER
Lic. No. 0402056625
10/22/2021
PROFESSIONAL ENGINEER

SHEET TITLE:

**GENERAL NOTES**

SHEET NUMBER:

C-102

ORG. DATE - 10/22/2021

# STANDARD DRAWING LEGEND

FOR ENTIRE PLAN SET

| | | |
|---|---|---|
| | LIMIT OF WORK | LOW — LOW |
| | LIMIT OF DISTURBANCE | LOD — LOD |
| EXISTING NOTE | TYPICAL NOTE TEXT | PROPOSED NOTE |
| | ONSITE PROPERTY LINE / R.O.W. LINE | |
| | NEIGHBORING PROPERTY LINE / INTERIOR PARCEL LINE | |
| | EASEMENT LINE | |
| | SETBACK LINE | |
| | CONCRETE CURB & GUTTER | CURB AND GUTTER; SPILL; TRANSITION; DEPRESSED CURB AND GUTTER |
| | UTILITY POLE WITH LIGHT | |
| | POLE LIGHT | |
| | TRAFFIC LIGHT | |
| | UTILITY POLE | |
| | TYPICAL LIGHT | |
| | ACORN LIGHT | |
| | TYPICAL SIGN | |
| X | PARKING COUNTS | X |
| 170 / 169 | CONTOUR LINE | 190 / 187 |
| TC 516.4 OR 516.4 | SPOT ELEVATIONS | TC 516.00; TC 516.00 BC 515.55; MATCH EX (518.02 ±) |
| SAN # | SANITARY LABEL | SAN # |
| X # | STORM LABEL | X # |
| SL | SANITARY SEWER LATERAL | SL |
| W | UNDERGROUND WATER LINE | W |
| E | UNDERGROUND ELECTRIC LINE | E |
| G | UNDERGROUND GAS LINE | G |
| OH | OVERHEAD WIRE | OH |
| T | UNDERGROUND TELEPHONE LINE | T |
| C | UNDERGROUND CABLE LINE | C |
| | STORM SEWER | |
| S | SANITARY SEWER MAIN | S |
| | HYDRANT | |
| S | SANITARY MANHOLE | |
| D | STORM MANHOLE | |
| WM | WATER METER | |
| WV | WATER VALVE | |
| | GAS VALVE | |
| | GAS METER | |
| | TYPICAL END SECTION | |
| | HEADWALL OR ENDWALL | |
| | GRATE INLET | |
| | CURB INLET | |
| | CLEAN OUT | |
| E | ELECTRIC MANHOLE | E |
| T | TELEPHONE MANHOLE | T |
| EB | ELECTRIC BOX | EB |
| EP | ELECTRIC PEDESTAL | EP |
| | MONITORING WELL | |
| | TEST PIT | |
| | BENCHMARK | |
| | BORING | |

# STANDARD ABBREVIATIONS

FOR ENTIRE PLAN SET

| | |
|---|---|
| AC | ACRES |
| ADA | AMERICANS WITH DISABILITY ACT |
| ARCH | ARCHITECTURAL |
| BC | BOTTOM OF CURB |
| BF | BASEMENT FLOOR |
| BK | BLOCK |
| BL | BASELINE |
| BLDG | BUILDING |
| BM | BUILDING BENCHMARK |
| BRL | BUILDING RESTRICTION LINE |
| CF | CUBIC FEET |
| CL | CENTERLINE |
| CMP | CORRUGATED METAL PIPE |
| CONN | CONNECTION |
| CONC | CONCRETE |
| CPP | CORRUGATED PLASTIC PIPE |
| CY | CUBIC YARDS |
| DEC | DECORATIVE |
| DEP | DEPRESSED |
| DIP | DUCTILE IRON PIPE |
| DOM | DOMESTIC |
| ELEC | ELECTRIC |
| ELEV | ELEVATION |
| EP | EDGE OF PAVEMENT |
| ES | EDGE OF SHOULDER |
| EW | END WALL |
| EX | EXISTING |
| FES | FLARED END SECTION |
| FF | FINISHED FLOOR |
| FH | FIRE HYDRANT |
| FG | FINISHED GRADE |
| G | GRADE |
| GF | GARAGE FLOOR (AT DOOR) |
| GH | GRADE HIGHER SIDE OF WALL |
| GL | GRADE LOWER SIDE OF WALL |
| GRT | GRATE |
| GV | GATE VALVE |
| HDPE | HIGH DENSITY POLYETHYLENE PIPE |
| HP | HIGH POINT |
| HOR | HORIZONTAL |
| HW | HEADWALL |
| INT | INTERSECTION |
| INV | INVERT |
| LF | LINEAR FOOT |
| LOC | LIMITS OF CLEARING |
| LOD | LIMITS OF DISTURBANCE |
| LOS | LINE OF SIGHT |
| LP | LOW POINT |
| L/S | LANDSCAPE |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| MH | MANHOLE |
| MJ | MECHANICAL JOINT |
| OC | ON CENTER |
| PA | POINT OF ANALYSIS |
| PC | POINT CURVATURE |
| PCCR | POINT OF COMPOUND CURVATURE, CURB RETURN |
| PI | POINT OF INTERSECTION |
| POG | POINT OF GRADE |
| PROP | PROPOSED |
| PT | POINT OF TANGENCY |
| PTCR | POINT OF TANGENCY, CURB RETURN |
| PVC | POLYVINYL CHLORIDE PIPE |
| PVI | POINT OF VERTICAL INTERSECTION |
| PVT | POINT OF VERTICAL TANGENCY |
| R | RADIUS |
| RCP | REINFORCED CONCRETE PIPE |
| RET WALL | RETAINING WALL |
| R/W | RIGHT OF WAY |
| S | SLOPE |
| SAN | SANITARY SEWER |
| SF | SQUARE FEET |
| STA | STATION |
| STM | STORM |
| S/W | SIDEWALK |
| TBR | TO BE REMOVED |
| TBRL | TO BE RELOCATED |
| TC | TOP OF CURB |
| TELE | TELEPHONE |
| TPF | TREE PROTECTION FENCE |
| TW | TOP OF WALL |
| TYP | TYPICAL |
| UG | UNDERGROUND |
| UP | UTILITY POLE |
| W | WIDE |
| W/L | WATER LINE |
| W/M | WATER METER |
| ± | PLUS OR MINUS |
| ° | DEGREE |
| Ø | DIAMETER |
| # | NUMBER |

# PROPOSED EASEMENT LEGEND

| | |
|---|---|
| CSE DIM | COMMON SHARED |
| IE DIM | INGRESS-EGRESS |
| PA DIM | PUBLIC ACCESS |
| PU DIM | PUBLIC UTILITY |
| SAN DIM | SANITARY SEWER |
| SI DIM | SIGHT DISTANCE |
| STM DIM | STORM DRAIN |
| VAR | VARIABLE WIDTHS |
| W DIM | WATER |

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| **PROJECT No.:** | V211201 |
| **DRAWN BY:** | DSH |
| **CHECKED BY:** | RTY |
| **DATE:** | 10/22/2021 |
| **CAD I.D.:** | CNDS -0 |

PROJECT:

**SITE PLAN DOCUMENTS**

FOR

DISCOUNT TIRE

PROPOSED LOCATION

1636 SEMINOLE TRAIL
ALBERMARLE COUNTY
CHARLOTTESVILLE, VIRGINIA 22901

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COMMONWEALTH OF VIRGINIA
RYAN YAUGER
Lic. No. 0402056625
10/22/2021
PROFESSIONAL ENGINEER

SHEET TITLE:

**GENERAL NOTES AND LEGEND**

SHEET NUMBER:

C-103

ORG. DATE - 10/22/2021

Oct 22, 2021
H:\211\211201\CAD\DRAWINGS\PLAN SET\FINAL SITE PLAN\V211201-CNDS-0---LAYOUT C-103 NOTES
BC

**NOTES:**

1. THE SUBJECT PARCEL BEING THE LANDS OF MIMOSA, L.L.C AS RECORDED IN DEED BOOK 1980 PAGE 239, AMONG THE LANDS RECORDS OF ALBEMARLE COUNTY, VIRGINIA AND HAVING A PARCEL ID 06100-00-00-120J0 PER THE DEPARTMENT OF ASSESSMENTS.

2. AREA = 57,240 SQUARE FEET OR 1.314 ACRES (M) OR 1.32 ACRES (R)

3. LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE, SOURCE INFORMATION FROM PLANS AND MARKINGS HAS BEEN COMBINED WITH OBSERVED EVIDENCE OF UTILITIES TO DEVELOP A VIEW OF THOSE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY.

4. APPROXIMATE LOCATION OF UNDERGROUND UTILITIES ARE SHOWN PER PRIVATE UTILITY MARKOUT PERFORMED BY INSIGHT ON 04/12/2021 AND FIELD LOCATED WITH CONVENTIONAL FIELD SURVEY METHODS UNLESS OTHERWISE NOTED

5. THIS SURVEY WAS PERFORMED IN THE FIELD ON 04/13/2021 AND UTILIZING THE REFERENCE DOCUMENTS AS LISTED HEREON AND DEPICTS BUILDINGS, STRUCTURES AND OTHER IMPROVEMENTS.

6. ELEVATIONS ARE BASED ON NAVD88 DATUM DETERMINED BY GPS OBSERVATIONS.

7. THE PROPERTY IS LOCATED IN OTHER AREAS ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) PER MAP ENTITLED "FIRM, FLOOD INSURANCE RATE MAP, ALBEMARLE COUNTY, VIRGINIA AND INCORPORATED AREAS AND THE INDEPENDENT CITY OF CHARLOTTESVILLE, PANEL 278 OF 575", MAP NUMBER 51003C0278D, WITH A MAP EFFECTIVE DATE OF FEBRUARY 4, 2005.

8. NO SURVEY OF SUBTERRANEAN STRUCTURES OR INTERIOR SPACES SUCH AS FOOTINGS, FOUNDATIONS, VAULTS OR BASEMENTS WAS PERFORMED AS PART OF THIS LAND SURVEY, AND THIS PLAN SHOULD NOT BE CONSTRUED AS CERTIFICATION TO THE EXISTENCE OR LOCATION OF THE SAME.

9. THERE IS NO RECENT EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.

10. THERE ARE NOT ANY CHANGES IN STREET RIGHT OF WAY LINES EITHER COMPLETED OR PROPOSED, AND AVAILABLE FROM THE CONTROLLING JURISDICTION AND THERE IS NO EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.

11. TREES 3 INCHES DBH AND LARGER SHOWN HEREON WERE FIELD LOCATED BY BOHLER ON 04/13/2021.

12. THERE ARE NO GAP/GORES OR OVERLAPS BETWEEN THE RIGHT-OF-WAY LINES OF SEMINOLE TRAIL AND THE SUBJECT PARCEL.

13. PARKING:
    43 STANDARD
    2 ADA
    45 TOTAL SPACES

14. THERE ARE NO VISIBLE ENCROACHMENTS EXCEPT AS SHOWN ON THE SURVEY AND LISTED BELOW. ENCROACHMENT IS A LEGAL CONDITION, NOT A MATTER OF SURVEY AND, AS A RESULT, THERE MAY BE OTHER POSSIBLE ENCROACHMENTS AFFECTING THE PROPERTY THAT ARE NOT SHOWN.
    FENCELINE ALONG NORTHWEST LINE
    BUILDING ALONG SOUTHWEST LINE
    SHED ALONG SOUTHWEST LINE

15. PROPERTY HAS ACCESS ALONG SEMINOLE TRIAL-U.S. ROUTE. 29.

16. BOHLER WAS NOT MADE AWARE OF ANY WETLAND DELINEATION PERFORMED ON THE SUBJECT PROPERTIES AND THERE WERE NO WETLAND FLAGS OBSERVED AT THE TIME OF THE FIELD SURVEY. A PHASE 1 REPORT WAS NOT PROVIDED.

**TITLE NOTES:**

THIS SURVEY IS PREPARED WITH REFERENCE TO A COMMITMENT FOR TITLE INSURANCE PREPARED BY COMMONWEALTH LAND TITLE INSURANCE COMPANY COMMITMENT NO. DC2100643, WITH A CMMITMENT DATE OF MARCH 26, 2021. OUR OFFICE HAS REVIEWED THE FOLLOWING SURVEY RELATED EXCEPTIONS IN SCHEDULE B, PART II:

(6) TERMS, PROVISIONS, CONDITIONS, AND EASEMENTS CONTAINED IN EASEMENT GRANTED VIRGINIA ELECTRIC AND POWER COMPANY RECORDED IN DEED BOOK 271, PAGE 414; **MAY AFFECT THE SUBJECT PROPERTY, VAGUE AND INSUFFICIENT INFORMATION IN THE RECORD DOCUMENT. A POLE LINE CROSSES THE SUBJECT PROPERTY AND IS SHOWN.**

(7) TERMS, PROVISIONS, CONDITIONS, AND EASEMENTS CONTAINED IN EASEMENT GRANTED VIRGINIA TELEPHONE AND TELEGRAPH COMPANY RECORDED IN DEED BOOK 278, PAGE 28; **MAY AFFECT THE SUBJECT PROPERTY, VAGUE AND INSUFFICIENT INFORMATION IN THE RECORD DOCUMENT. A POLE LINE CROSSES THE SUBJECT PROPERTY AND IS SHOWN.**

(8) TERMS, PROVISIONS, CONDITIONS, AND EASEMENTS CONTAINED IN EASEMENT GRANTED ALBEMARLE COUNTY SERVICE AUTHORITY RECORDED IN DEED BOOK 1315, PAGE 263; **MAY AFFECT THE SUBJECT PROPERTY, THE INCLUDED PLAT IS NOT READABLE.**

(9) TERMS, PROVISIONS, CONDITIONS, AND EASEMENTS CONTAINED IN EASEMENT FOR SLOPE MAINTENANCE AS SHOWN ON PLAT RECORDED IN DEED BOOK 670, PAGE 275; **AFFECT THE SUBJECT PROPERTY, APPROXIMATE LOCATION OF EASEMENT IS SHOWN.**

(10) TERMS, PROVISIONS, CONDITIONS, AND EASEMENTS CONTAINED IN EASEMENT FOR DRAIN INLET AND PIPE TAKEN BY THE COMMONWEALTH OF VIRGINIA BY CERTIFICATE RECORDED IN DEED BOOK 1277, PAGE 279, CONFIRMED BY ORDER RECORDED IN DEED BOOK 1298, PAGE 370; **MAY AFFECT THE SUBJECT PROPERTY, REFERENCED HIGHWAY PLAT BOOK XI, PAGES 350 & 351 NOT PROVIDED.**

(11) RIGHTS ASSOCIATED WITH UTILITY POLES AND OVERHEAD UTILITY LINES AS SHOWN ON PLAT RECORDED IN DEED BOOK 445, PAGE 399; **THIS DOCUMENT DOES NOT CONVEY RIGHTS OR CREATE EASEMENTS.**

(12) TERMS, PROVISIONS, CONDITIONS, AND EASEMENTS CONTAINED IN EASEMENT(S) AND RIGHTS GRANTED BY CERTIFICATE OF TAKE RECORDED IN DEED BOOK 4594, PAGE 14; AS AMENDED BY AMENDED CERTIFICATE OF TAKE RECORDED IN DEED BOOK 4935, PAGE 537 IN THE CLERK'S OFFICE OF THE CIRCUIT COURT OF ALBEMARLE COUNTY, VIRGINIA; **AFFECT THE SUBJECT PROPERTY, EASEMENTS ARE SHOWN.**

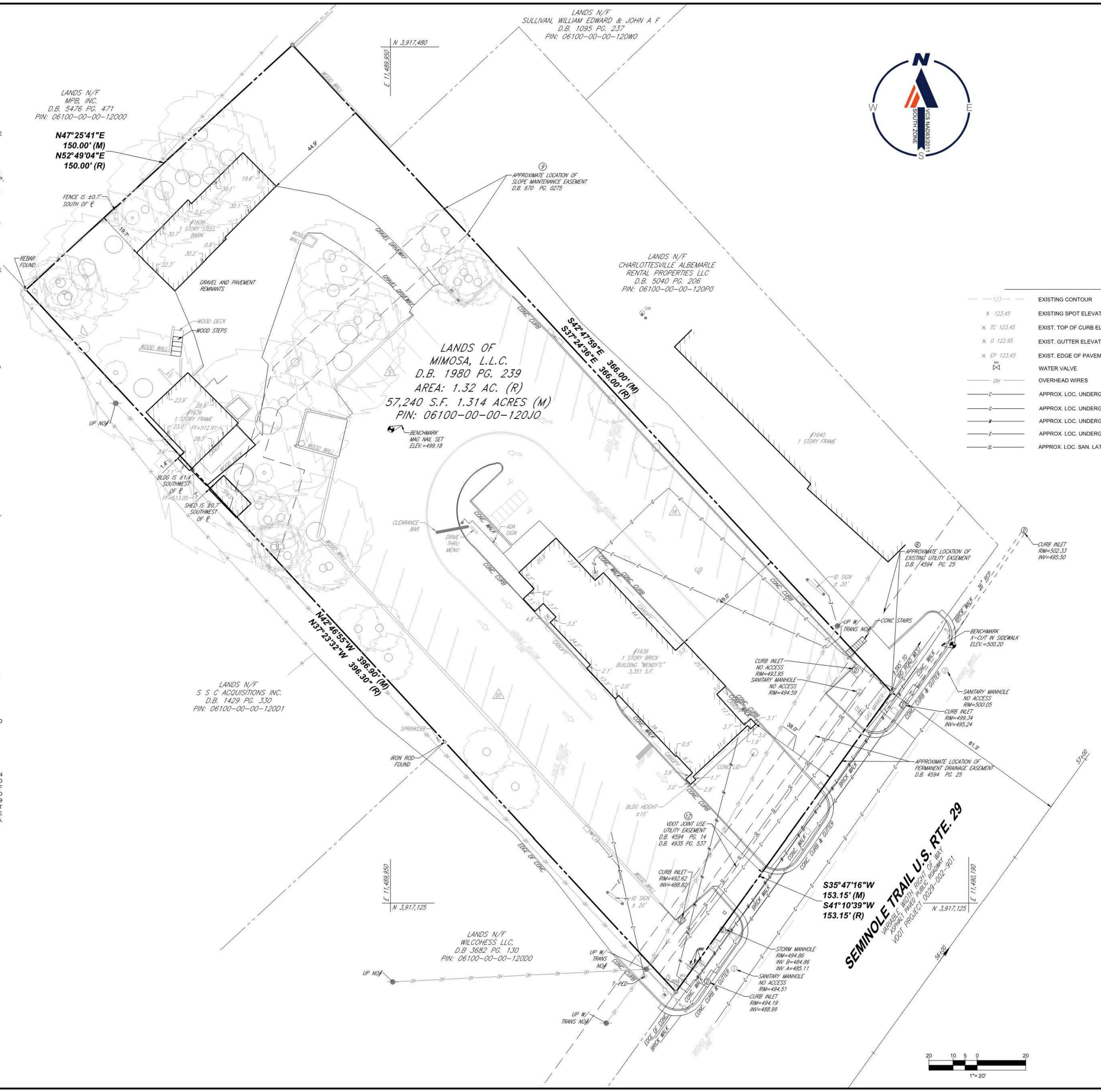
TITLE DECRIPTION

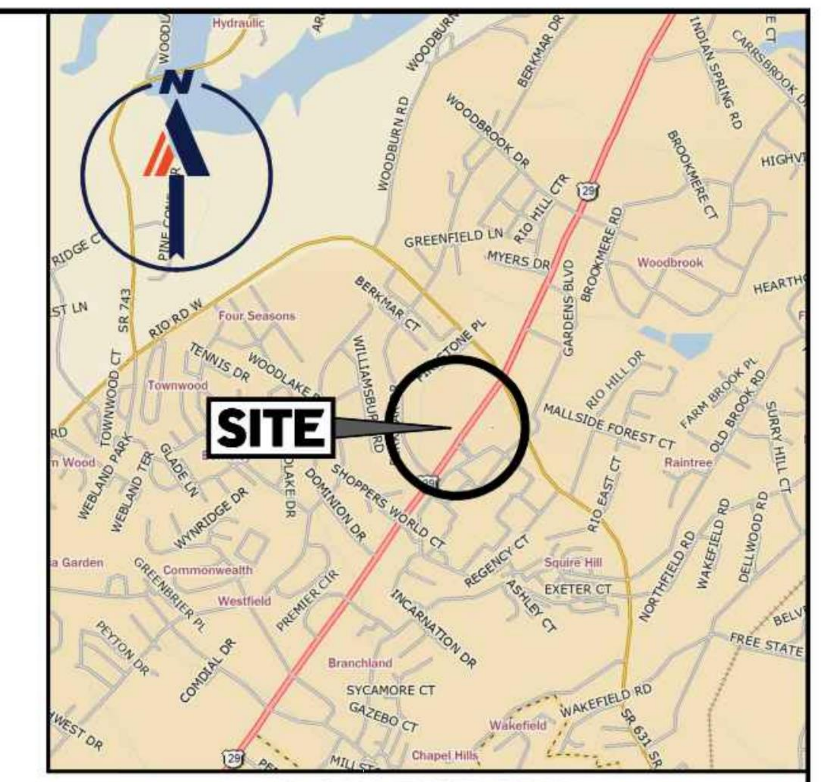
ALL THAT CERTAIN LOT OR PARCEL OF LAND, TOGETHER WITH ALL IMPROVEMENTS THEREON AND APPURTENANCES THERETO BELONGING, CONTAINING 1.32 ACRES, MORE OR LESS, SITUATED ON THE WEST SIDE OF U.S. HIGHWAY NO. 29, IN THE CHARLOTTESVILLE MAGISTERIAL DISTRICT OF ALBEMARLE COUNTY, VIRGINIA, WITH A FRONTAGE ON SAID HIGHWAY OF 153.15 FEET, AND RUNNING BACK BETWEEN PARALLEL LINES 366 FEET ON THE NORTHWESTERLY SIDE AND 396.9 FEET ON THE SOUTHWESTERLY SIDE TO A REAR WIDTH OF 150 FEET, AS SHOWN ON A PLAT THEREOF MADE BY WILLIAM S. ROUDABUSH, JR., DATED JUNE 17, 1968, OF RECORD IN THE CLERK'S OFFICE OF THE CIRCUIT COURT OF ALBEMARLE COUNTY, VIRGINIA, IN DEED BOOK 445, PAGE 399.

UTILITIES:
THE FOLLOWING COMPANIES WERE NOTIFIED BY DELMARVA MISS UTILITY SYSTEM (1-800-552-7001) AND REQUESTED TO MARK OUT UNDERGROUND FACILITIES AFFECTING AND SERVICING THIS SITE. THE UNDERGROUND UTILITY INFORMATION SHOWN HEREON IS BASED UPON THE UTILITY COMPANIES RESPONSE TO THIS REQUEST. SERIAL NUMBER(S): A008301604-00A

| UTILITY COMPANY | LOCATE STATUS | PHONE NUMBER |
|---|---|---|
| ALBEMARLE -WATER & SEWER | MARKED | (434) 531-0714 |
| RIVANNA-WATER & SEWER | NO CONFLICT | (434) 906-2620 |
| CENTURY LINK | MARKED | (801) 364-1063 |
| COMCAST | NO CONFLICT | (804) 562-3861 |
| FIBERLIGHT | MARKED | (240) 315-8817 |
| MCI | MARKED | (800) 289-3427 |
| QWEST GOVERNMENT | MARKED | (703) 387-9152 |
| DOM ELEC | MARKED | (804) 385-1126 |
| CHARLOTTESVILLE GAS | MARKED | (804) 921-2516 |

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**LOCATION MAP**
COPYRIGHT 2009
DELORME STREET ATLAS USA 2009
SCALE: 1"=2000'

## LEGEND

| | | | |
|---|---|---|---|
| — 123 — | EXISTING CONTOUR | ⊗WM | WATER METER |
| X 123.45 | EXISTING SPOT ELEVATION | ⊗GM | GAS METER |
| X TC 123.45 | EXIST. TOP OF CURB ELEVATION | | SIGN |
| X G 122.95 | EXIST. GUTTER ELEVATION | | MAIL BOX |
| X EP 123.45 | EXIST. EDGE OF PAVEMENT ELEVATION | ● | BOLLARD |
| WV | WATER VALVE | —X— | FENCE |
| — OH — | OVERHEAD WIRES | | AREA LIGHT |
| — C — | APPROX. LOC. UNDERGROUND CABLE LINE PER UTILITY MARKOUT | C/O | CLEAN OUT |
| — G — | APPROX. LOC. UNDERGROUND GAS LINE PER UTILITY MARKOUT | | PAINTED ARROWS |
| — W — | APPROX. LOC. UNDERGROUND WATER LINE PER UTILITY MARKOUT | 10 | DENOTES PARKING SPACE COUNT |
| — E — | APPROX. LOC. UNDERGROUND ELEC. LINE PER UTILITY MARKOUT | | GUY WIRE |
| — SL — | APPROX. LOC. SAN. LATERAL PER UTILITY MARKOUT | | TREE (SIZE AS NOTED) |
| | | (TYP.) | TYPICAL |
| | | ± | PLUS OR MINUS |
| | | (M) | MEASURED |
| | | (R) | RECORD |
| | | (5) | TITLE REPORT EXCEPTION |
| | | | BENCHMARK |
| | | ◎ | PROP. CORNER TO BE SET |
| | | | UTILITY POLE |
| | | EM | ELECTRIC METER |
| | | EB | ELECTRIC BOX |
| | | (S) | SANITARY MANHOLE |
| | | (D) | STORM DRAIN MANHOLE |

# FOR INFORMATIONAL PURPOSES ONLY

| No. | DESCRIPTION OF REVISION | BY: | DATE |
|---|---|---|---|
| 1 | REVISED CERTIFICATION | CJT | 05/26/2021 |

TO THE REINALT-THOMAS CORPORATION, A MICHIGAN CORPORATION, HALLE PROPERTIES, L.L.C, AN ARIZONA LIMITED LIABILITY COMPANY, MIMOSA L.L.C., A VIRGINIA LIMITED LIABILITY COMPANY AND COMMONWEALTH LAND TITLE INSURANCE COMPANY:
THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 7(A), 7(B)(1), 7(C), 8, 9, 10, 11(B), 13, 14, 16, 17, 18, 19, & 20 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON APRIL 13, 2021.

COMMONWEALTH OF VIRGINIA
ERIC NISKANEN
Lic. No. 1524-B
LAND SURVEYOR

5-27-21
DATE

**ERIC K. NISKANEN**
VIRGINIA LICENSED LAND SURVEYOR NO. 1524-B

**ALTA/NSPS LAND TITLE SURVEY**

DISCOUNT TIRE CHARLOTTESVILLE

1636 SEMINOLE TRAIL
CHARLOTTESVILLE MAGISTERIAL DISTRICT
ALBEMARLE COUNTY, VIRGINIA

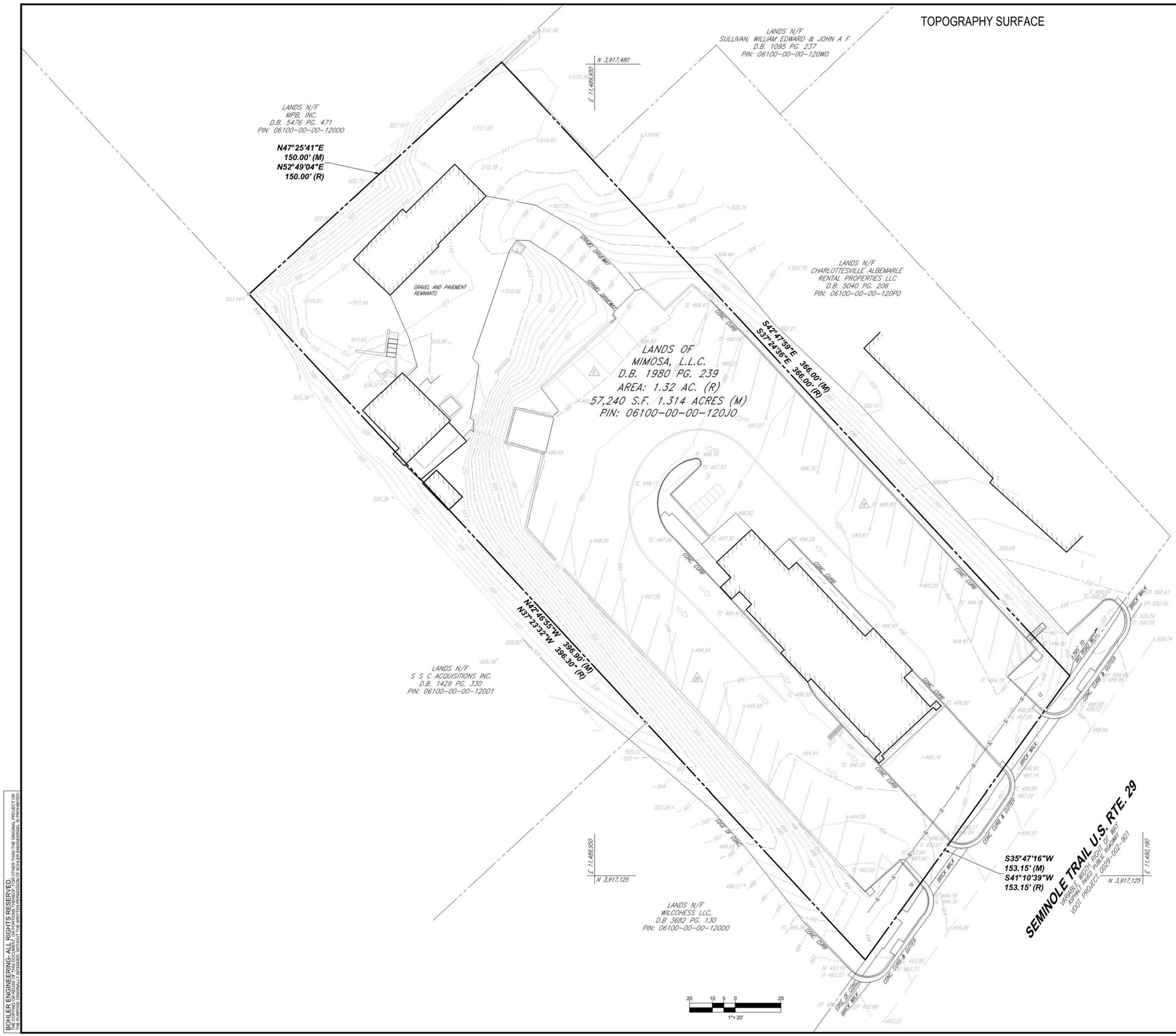
FILE NO. SV211201
DATE 04/20/21

BOHLER //
12825 WORLDGATE DRIVE, SUITE 700
HERNDON, VIRGINIA 20170
703.709.9500
www.bohlerengineering.com

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| FIELD DATE | CREW CHIEF | DRAWN | REVIEWED | APPROVED | SCALE | DWG. NO. |
|---|---|---|---|---|---|---|
| 04/13/21 | JK/WL | CJT | EKN | JSF | 1" = 20' | C-201 |

TOPOGRAPHY SURFACE




N
W E
S
NAD83/2011 SOUTH ZONE

# FOR INFORMATIONAL PURPOSES ONLY

## LEGEND

| | |
|---|---|
| 123 | EXISTING CONTOUR |
| X 123.45 | EXISTING SPOT ELEVATION |
| X TC 123.45 | EXIST. TOP OF CURB ELEVATION |
| X G 122.95 | EXIST. GUTTER ELEVATION |
| X EP 123.45 | EXIST. EDGE OF PAVEMENT ELEVATION |
| WV | WATER VALVE |
| OH | OVERHEAD WIRES |
| C | APPROX. LOC. UNDERGROUND CABLE LINE PER UTILITY MARKOUT |
| G | APPROX. LOC. UNDERGROUND GAS LINE PER UTILITY MARKOUT |
| W | APPROX. LOC. UNDERGROUND WATER LINE PER UTILITY MARKOUT |
| E | APPROX. LOC. UNDERGROUND ELEC. LINE PER UTILITY MARKOUT |
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| | UTILITY POLE |
| EM | ELECTRIC METER |
| EB | ELECTRIC BOX |
| S | SANITARY MANHOLE |
| D | STORM DRAIN MANHOLE |
| WM | WATER METER |
| GM | GAS METER |
| | SIGN |
| | MAIL BOX |
| | BOLLARD |
| | FENCE |
| | AREA LIGHT |
| CO | CLEAN OUT |
| | PAINTED ARROWS |
| 10 | DENOTES PARKING SPACE COUNT |
| | GUY WIRE |
| | TREE (SIZE AS NOTED) |
| (TYP.) | TYPICAL |
| ± | PLUS OR MINUS |
| (M) | MEASURED |
| (R) | RECORD |
| 5 | TITLE REPORT EXCEPTION |
| | BENCHMARK |
| | PROP. CORNER TO BE SET |

COMMONWEALTH OF VIRGINIA
ERIC NISKANEN
Lic. No. 1524-B
LAND SURVEYOR
5-27-21

**ERIC K. NISKANEN**
VIRGINIA LICENSED LAND SURVEYOR NO. 1524-B

| No. | DESCRIPTION OF REVISION | BY: | DATE |
|---|---|---|---|
| 1 | REVISED CERTIFICATION | CJT | 05/26/2021 |

**ALTA/NSPS LAND TITLE SURVEY**

## DISCOUNT TIRE CHARLOTTESVILLE

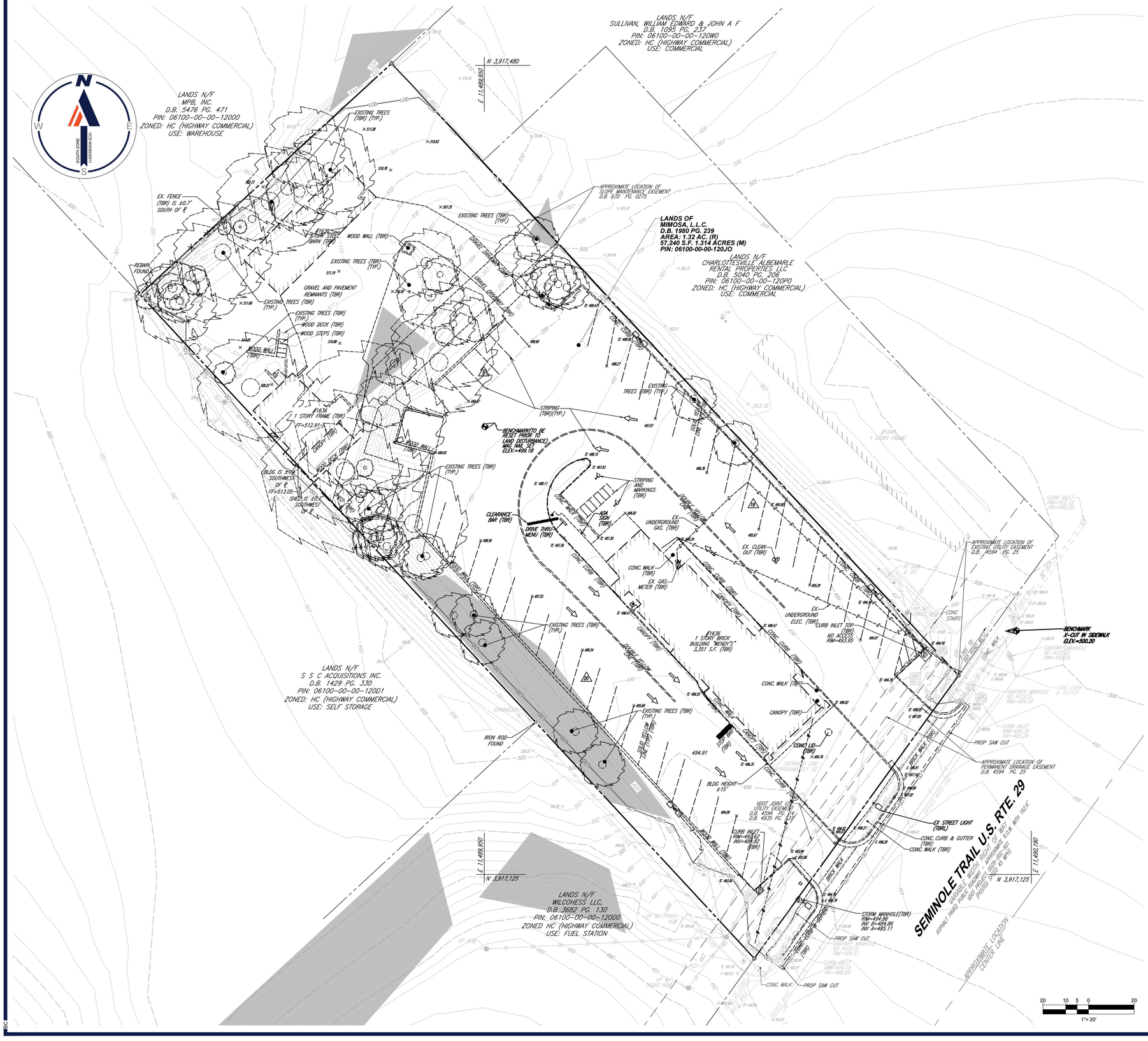
1636 SEMINOLE TRAIL
CHARLOTTESVILLE MAGISTERIAL DISTRICT
ALBEMARLE COUNTY, VIRGINIA

| FILE NO. | DATE | FIELD DATE | CREW CHIEF | DRAWN | REVIEWED | APPROVED | SCALE | DWG. NO. |
|---|---|---|---|---|---|---|---|---|
| SV211201 | 04/20/21 | 04/13/21 | JK/WL | CJT | EKN | JSF | 1" = 20' | C-202 |


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BALTIMORE, MD ■ SOUTHERN MARYLAND ■ NORTHERN VIRGINIA ■ WASHINGTON, DC ■ CENTRAL VIRGINIA ■ CHARLOTTE, NC ■ RALEIGH, NC



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## DEMOLITION NOTES:

1. ALTA/NSPS LAND TITLE SURVEY
   ENTITLED "DISCOUNT TIRE CHARLOTTESVILLE"
   PROVIDED BY: BOHLER
   12825 WORLDGATE DRIVE SUITE 700 HERNDON, VA 20170
   DATE: 01/20/2021
   DATUM VCS NAD83/2011 SOUTH ZONE
   ELEVATIONS: ARE BASED ON NAVD88 DATUM DETERMINED BY GPS OBSERVATIONS
2. ADDITIONAL TOPOGRAPHICAL INFORMATION OUTSIDE OF PROPERTY BOUNDARY IS BASED ON ALBEMARLE COUNTY GIS CONTOURS.
3. WATER/SEWER SERVICES WILL BE REQUIRED TO BE DISCONNECTED PRIOR TO DEMO PERMIT APPROVAL.

## DEMOLITION / REMOVAL LEGEND

| DEMOLITION/REMOVAL NOTE | TYPICAL NOTE TEXT |
|---|---|
| | EASEMENT LINE |
| | CONCRETE CURB & GUTTER |
| | UTILITY POLE WITH LIGHT |
| | POLE LIGHT |
| | TRAFFIC LIGHT |
| | UTILITY POLE |
| | TYPICAL LIGHT |
| | ACORN LIGHT |
| | TYPICAL SIGN |
| | PARKING COUNTS |
| TC:594.4 OR 594.4 | SPOT ELEVATIONS |
| SAN # | SANITARY LABEL |
| STM # | STORM LABEL |
| SL | SANITARY SEWER LATERAL |
| W | UNDERGROUND WATER LINE |
| E | UNDERGROUND ELECTRIC LINE |
| G | UNDERGROUND GAS LINE |
| OH | OVERHEAD WIRE |
| T | UNDERGROUND TELEPHONE LINE |
| C | UNDERGROUND CABLE LINE |
| | STORM SEWER |
| S | SANITARY SEWER MAIN |
| | HYDRANT |
| S | SANITARY MANHOLE |
| D | STORM MANHOLE |
| WM | WATER METER |
| WV | WATER VALVE |
| | GAS VALVE |
| | GAS METER |
| LOD LOD | LIMITS OF DISTURBANCE |
| | ALBEMARLE COUNTY MANAGED SLOPES |

## LEGEND

- PROP SAWCUT
- LOW LOW — LIMIT OF WORK
- LOD LOD — LIMIT OF DISTURBANCE

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SITE CIVIL AND CONSULTING ENGINEERING
LAND SURVEYING
PROGRAM MANAGEMENT
LANDSCAPE ARCHITECTURE
LAND PLANNING
PERMITTING SERVICES
TRANSPORTATION SERVICES

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### REVISIONS

| REV | DATE | COMMENT | DRAWN BY / CHECKED BY |
|---|---|---|---|
| | | | |

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| | |
|---|---|
| **PROJECT No.:** | V211201 |
| **DRAWN BY:** | DSH |
| **CHECKED BY:** | RTY |
| **DATE:** | 10/22/2021 |
| **CAD I.D.:** | DEMO -0 |

PROJECT:

**SITE PLAN DOCUMENTS**

FOR

DISCOUNT TIRE

PROPOSED LOCATION

1636 SEMINOLE TRAIL
ALBERMARLE COUNTY
CHARLOTTESVILLE, VIRGINIA 22901

BOHLER
28 BLACKWELL PARK LANE, SUITE 201
WARRENTON, VIRGINIA 20186
Phone: (540) 349-4500
Fax: (540) 349-0321
VA@BohlerEng.com

COMMONWEALTH OF VIRGINIA
RYAN YAUGER
Lic. No. 0402056625
10/22/2021
PROFESSIONAL ENGINEER

SHEET TITLE:

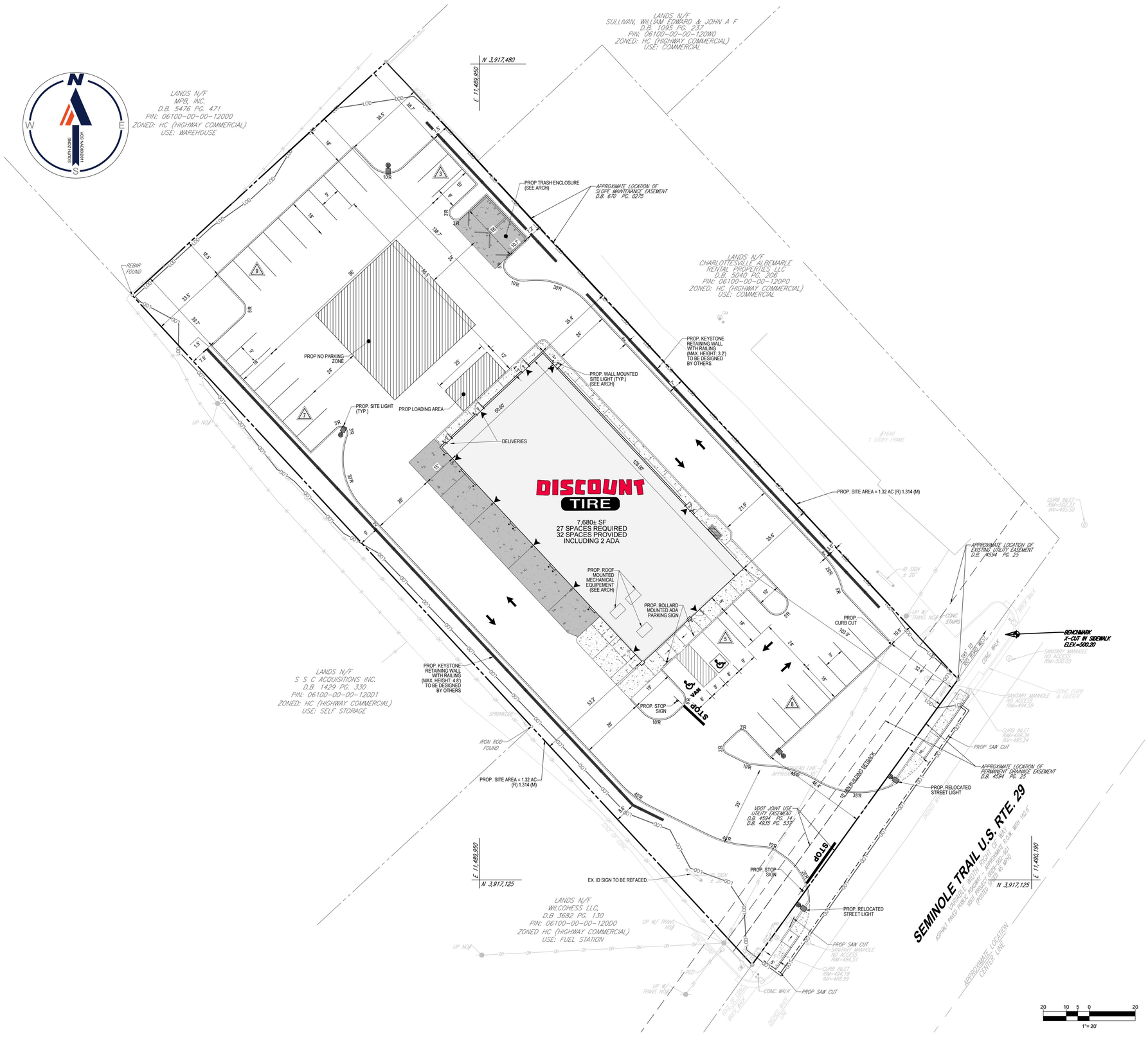
**EXISTING CONDITIONS AND DEMOLITION PLAN**

SHEET NUMBER:

C-203

ORG. DATE - 10/22/2021

Oct 22, 2021
H:\ENV\211201\CAD\DRAWINGS\PLAN SET\SITE\FINAL SITE PLAN\V211201-DEMO-DI----1-LAYOUT C-203 - EX CON - DEMO




## SIGNAGE NOTES:

SIGNAGE PACKAGE PROVIDED BY: WALTON
10101 REUNION PLACE SUITE 500 SAN ANTONIO, TX 78216
ENTITLED: DISCOUNT TIRE VAC 12457
DATED: 5/24/2021
PROJECT: CID318719-BDG

| SITE DATA | |
|---|---|
| INITIAL SITE PLAN NUMBER | SPD202100054 |
| ADDRESS | 1636 SEMINOLE TRAIL<br>CHARLOTTESVILLE, VA |
| OWNER | MIMOSA LLC<br>PO BOX 7652<br>CHARLOTTESVILLE, VA 22906 |
| DEVELOPER | HALLE PROPERTIES, LLC C/O DISCOUNT TIRE<br>20225 N. SCOTTSDALE ROAD<br>SCOTTSDALE, AZ 85255 |
| PIN | 06100-00-00-120JO |
| JURISDICTION | ALBEMARLE COUNTY |
| MAGISTERIAL DISTRICT | RIO DISTRICT |
| ZONING | |
| PROPOSED USE | TIRE SALES |
| EXISTING | HIGHWAY COMMERCIAL - HC |
| PROPOSED | HIGHWAY COMMERCIAL - HC |
| ZONING OVERLAY DISTRICT | AIRPORT IMPACT AREA AND ENTRANCE CORRIDOR |
| SITE AREA | 1.32 AC |
| BUILDING AREA | 7,680 SF |
| BUILDING AREA PERCENTAGE OF SITE AREA | 12.96% |
| MAXIMUM BUILDING HEIGHT | 65 FEET |
| PROP. BUILDING HEIGHT | 26 FEET (1-STORY) |
| PROP. IMPERVIOUS COVER OF SITE AREA | 1.06 AC (80%) |
| PROP. OPEN SPACE | 0.26 AC (20%) |
| PARKING REQUIRED | 1 SPACE PER EMPLOYEE PLUS 2 SPACES PER SERVICE BAY = (1*15) + (6*2) = 15 + 12 = 27 SPACES<br>MAXIMUM PARKING ALLOWED: NO MORE THAN 20% THE REQUIRED = (27*120%) = 32 SPACES |
| PARKING PROVIDED | 32 SPACES |
| HANDICAP | 2 SPACES (1 VAN SPACE) |
| REQUIRED BUILDING SETBACKS | |
| FRONT YARD(SEMINOLE TRAIL) MINIMUM SETBACK | 10 FEET |
| SIDE YARDS(NORTH AND SOUTH PROPERTY LINES) | N/A |
| PROVIDED BUILDING SETBACKS | |
| FRONT YARD(SEMINOLE TRAIL) | ± 103.9 FEET |
| SIDE YARDS(NORTH AND SOUTH PROPERTY LINES) | NORTH: ± 35.6 FEET<br>SOUTH ± 53.2 FEET |
| REQUIRED LAND BUFFERS | |
| FRONT YARD(SEMINOLE TRAIL) | N/A |
| SIDE YARDS(NORTH AND SOUTH PROPERTY LINES) | N/A |

## HATCH LEGEND

- PROP BUILDING (SEE ARCH DRAWINGS)
- STANDARD DUTY ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- CONCRETE PAVEMENT

## LEGEND

- PROP SAWCUT
- LOW LOW — LIMIT OF WORK
- LOD LOD — LIMIT OF DISTURBANCE

## NOTES:

1. SEE SHEET C-102 FOR GENERAL NOTES AND SHEET C-103 FOR LEGEND.
2. VISIBILITY OF ALL MECHANICAL EQUIPMENT FROM THE ENTRANCE CORRIDOR SHALL BE ELIMINATED.


BOHLER
SITE CIVIL AND CONSULTING ENGINEERING
LAND SURVEYING
PROGRAM MANAGEMENT
LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN
PERMITTING SERVICES
TRANSPORTATION SERVICES


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## REVISIONS

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| | |
|---|---|
| PROJECT No.: | V211201 |
| DRAWN BY: | DSH |
| CHECKED BY: | RTY |
| DATE: | 10/22/2021 |
| CAD I.D.: | SITE -0 |

PROJECT:

**SITE PLAN DOCUMENTS**

FOR

DISCOUNT TIRE

PROPOSED LOCATION

1636 SEMINOLE TRAIL
ALBERMARLE COUNTY
CHARLOTTESVILLE, VIRGINIA 22901


BOHLER
28 BLACKWELL PARK LANE, SUITE 201
WARRENTON, VIRGINIA 20186
Phone: (540) 349-4500
Fax: (540) 349-0321
VA@BohlerEng.com


COMMONWEALTH OF VIRGINIA
RYAN YAUGER
Lic. No. 0402056625
10/22/2021
PROFESSIONAL ENGINEER

SHEET TITLE:

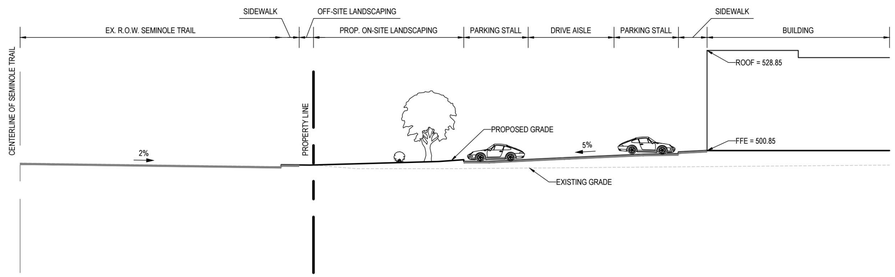
**SITE PLAN**

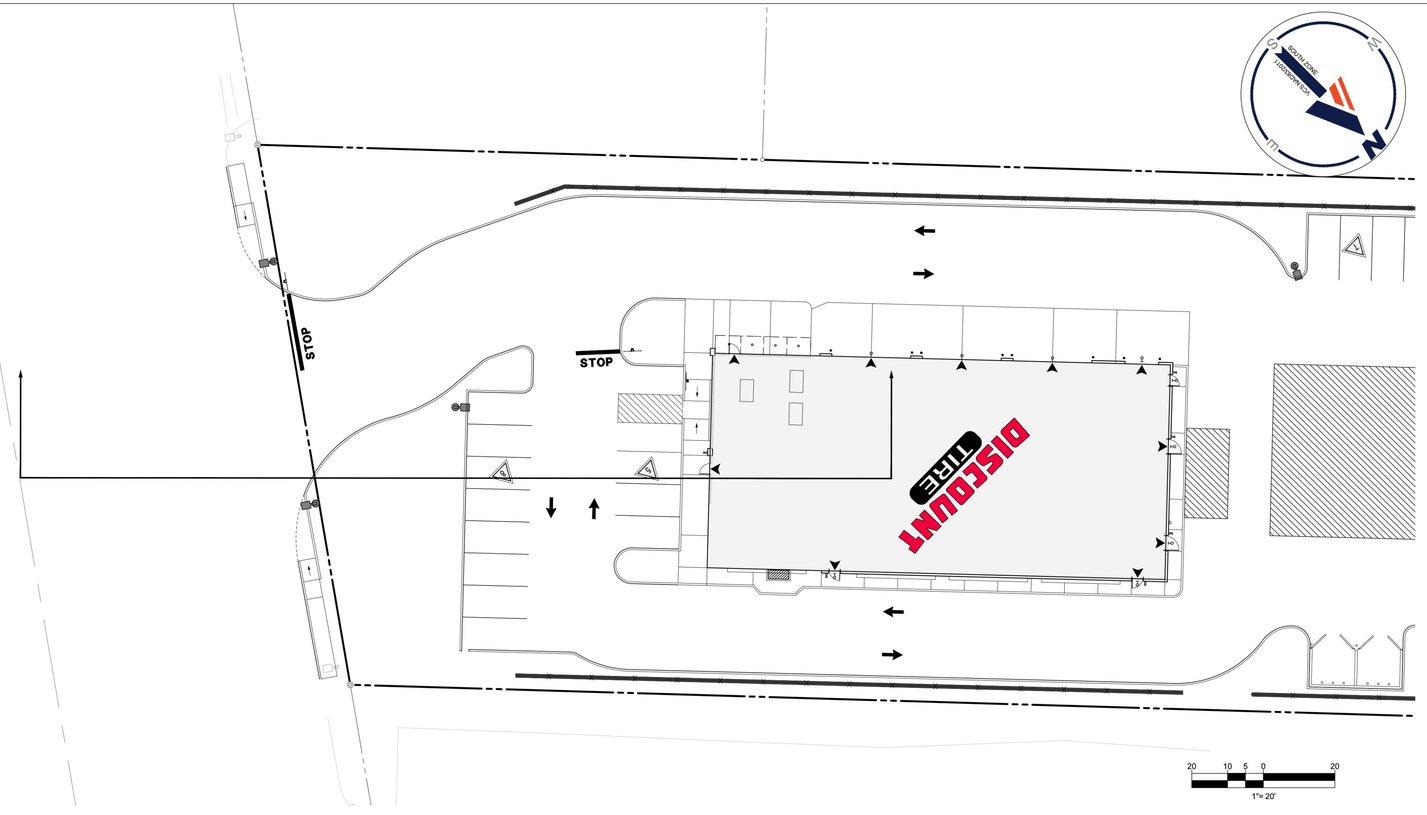
SHEET NUMBER:

C-301

ORG. DATE - 10/22/2021

Oct 22, 2021
H:\211\211201\CAD\DRAWINGS\PLAN SET\FINAL SITE PLAN\211201-SITE-0----LAYOUT C-301 - SITE
BC




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BOHLER

SITE CIVIL AND CONSULTING ENGINEERING
LAND SURVEYING
PROGRAM MANAGEMENT
LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN
PERMITTING SERVICES
TRANSPORTATION SERVICES

**REVISIONS**

| REV | DATE | COMMENT | DRAWN BY / CHECKED BY |
|---|---|---|---|
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| | |
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| **PROJECT No.:** | V211201 |
| **DRAWN BY:** | DSH |
| **CHECKED BY:** | RTY |
| **DATE:** | 10/22/2021 |
| **CAD I.D.:** | SITE -0 |

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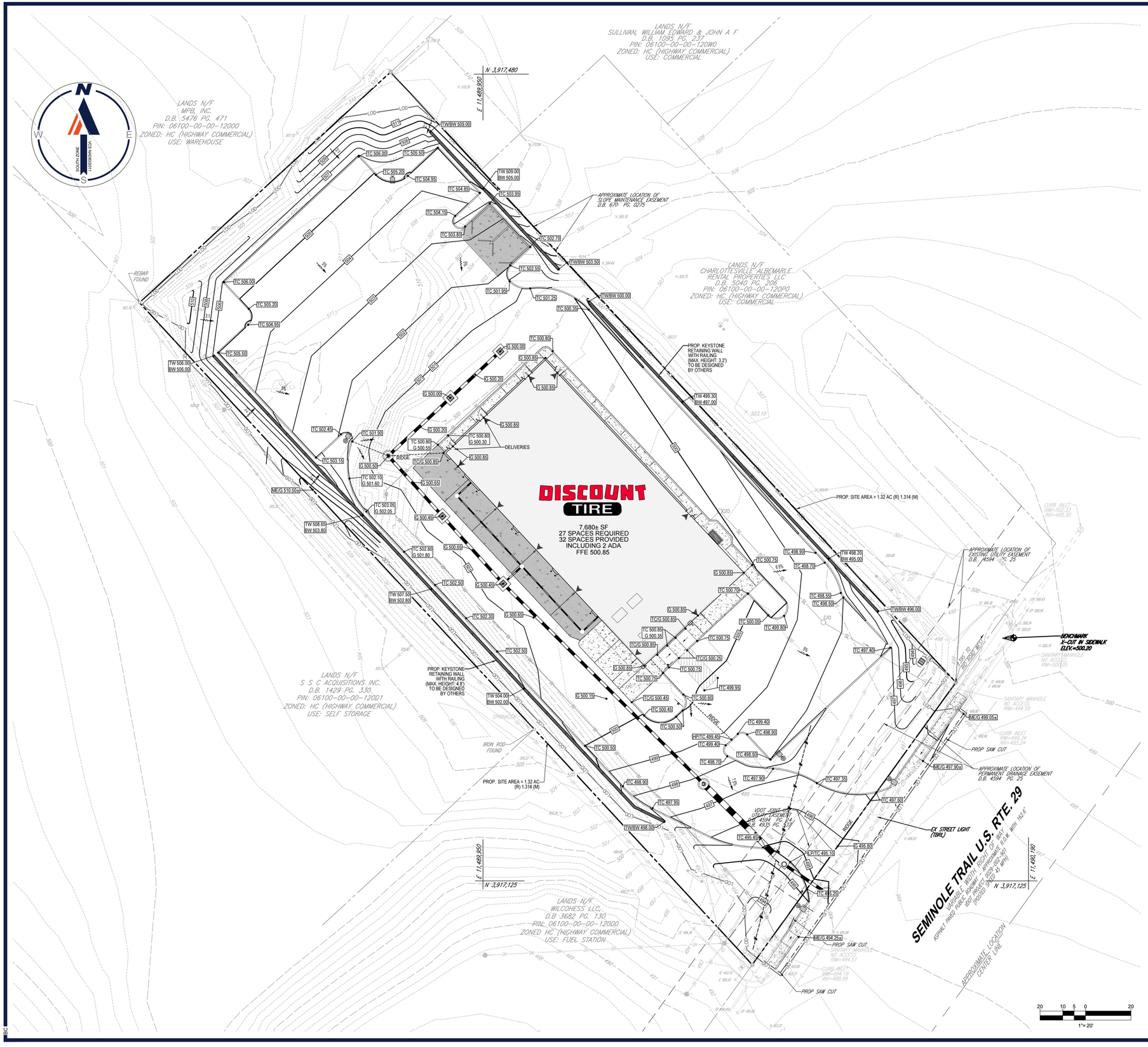
**SITE CROSS SECTION**

SHEET NUMBER:

C-302

ORG. DATE - 10/22/2021

Oct 22, 2021
H:\21\V211201\CAD\DRAWINGS\PLAN SETS\FINAL SITE PLAN\V211201-SITE-0-----LAYOUT C-302 - SITE CROSS SECTION
BC




## GRADING LEGEND

| EXISTING NOTE | TYPICAL NOTE TEXT | PROPOSED NOTE |
|---|---|---|
| 120 / 125 | CONTOUR LINE | 120 / 125 |
| TC 516.4 OR 516.4 | SPOT ELEVATIONS | TC 516.00 BC 515.55 |
| SAN # | SANITARY LABEL | SAN # |
| STM # | STORM LABEL | STM # |
| | STORM SEWER | |
| D | STORM MANHOLE | D |
| | TYPICAL END SECTION | |
| | HEADWALL OR ENDWALL | |
| | YARD INLET | |
| | CURB INLET | |
| | MONITORING WELL | |
| | BORING | |
| | BENCHMARK | |
| | TEST PIT | |

## STORMWATER SUMMARY

TOTAL SITE AREA = 1.32 ACRES OR 57,240 SF
TOTAL IMPERVIOUS AREA = 1.02 ACRES OR 44,262 SF
NET INCREASE OF 0.14 ACRES OR 6,158 SF
TOTAL AREA OF DISTURBANCE = 1.31 ACRES OR 57,064 SF

THE PROPOSED REDEVELOPMENT OF THE PARCEL WILL RESULT IN AN INCREASE IN IMPERVIOUS AREA OF 0.14 ACRES. WATER QUALITY REQUIREMENTS FOR THE SITE WILL BE MET THROUGH THE PURCHASE OF NUTRIENT OFFSET CREDITS.

THE POST-DEVELOPED FLOWS WILL BE REDUCED TO MEET THE ALLOWABLE RATE TO SATISFY CHANNEL AND FLOOD PROTECTION REQUIREMENTS WITH THE USE OF AN UNDERGROUND PIPE FOR STORAGE AND A CONTROL STRUCTURE TO CONTROL THE FLOW RELEASE ENTERING THE EXISTING STORM SEWER IN THE SEMINOLE TRAIL RIGHT-OF-WAY.

## LEGEND

- PROP SAWCUT
- LOW — LOW — LIMIT OF WORK
- LOD — LOD — LIMIT OF DISTURBANCE

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| **DRAWN BY:** | DSH |
| **CHECKED BY:** | RTY |
| **DATE:** | 10/22/2021 |
| **CAD I.D.:** | GRAD -0 |

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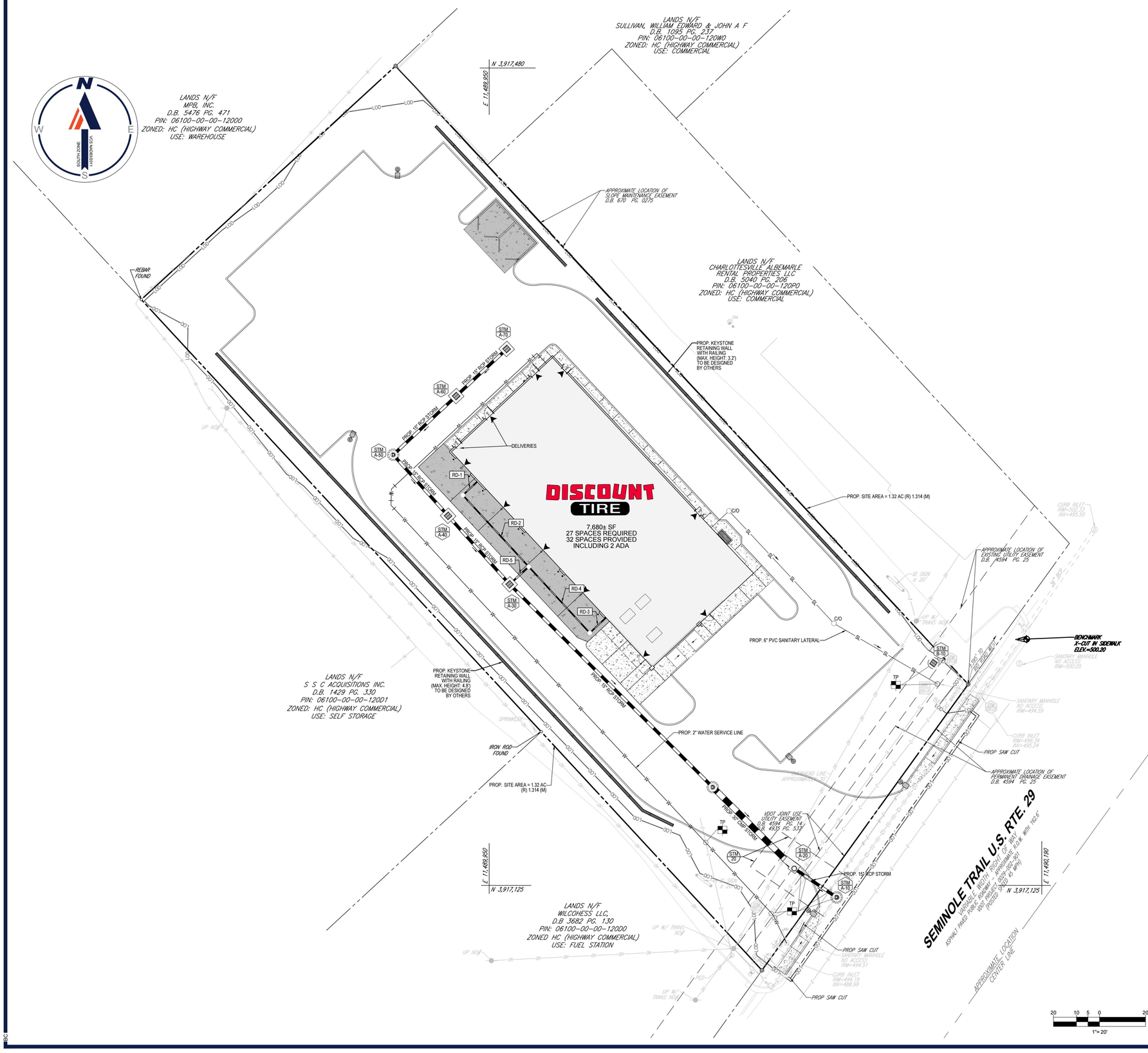
**GRADING PLAN**

SHEET NUMBER:

C-401

ORG. DATE - 10/22/2021

Oct 22, 2021
11:21 V:\211201\CAD\DRAWINGS\PLAN SET\FINAL SITE PLAN\V211201.GRAD-D-----LAYOUT C-401 - GRADING PLAN
BC




## UTILITY LEGEND

| EXISTING NOTE | TYPICAL NOTE TEXT | PROPOSED NOTE |
|---|---|---|
| SAN # | SANITARY LABEL | SAN # |
| STM # | STORM LABEL | STM # |
| SL | SANITARY SEWER LATERAL | SL |
| W | UNDERGROUND WATER LINE | W |
| E | UNDERGROUND ELECTRIC LINE | E |
| G | UNDERGROUND GAS LINE | G |
| OH | OVERHEAD WIRE | OH |
| T | UNDERGROUND TELEPHONE LINE | T |
| C | UNDERGROUND CABLE LINE | C |
| | STORM SEWER | |
| S | SANITARY SEWER MAIN | S |
| | HYDRANT | |
| S | SANITARY MANHOLE | S |
| D | STORM MANHOLE | D |
| WM | WATER METER | |
| WV | WATER VALVE | |
| | GAS VALVE | |
| | GAS METER | |
| | TYPICAL END SECTION | |
| | HEADWALL OR ENDWALL | |
| | YARD INLET | |
| | CURB INLET | |
| | CLEAN OUT | |
| E | ELECTRIC MANHOLE | E |
| T | TELEPHONE MANHOLE | T |
| EB | ELECTRIC BOX | EB |
| EP | ELECTRIC PEDESTAL | EP |
| | | |
| | MONITORING WELL | |
| | TEST PIT | |

## LEGEND

- PROP SAWCUT
- LOW — LOW — LIMIT OF WORK
- LOD — LOD — LIMIT OF DISTURBANCE

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| **CHECKED BY:** | RTY |
| **DATE:** | 10/22/2021 |
| **CAD I.D.:** | GRAD -0 |

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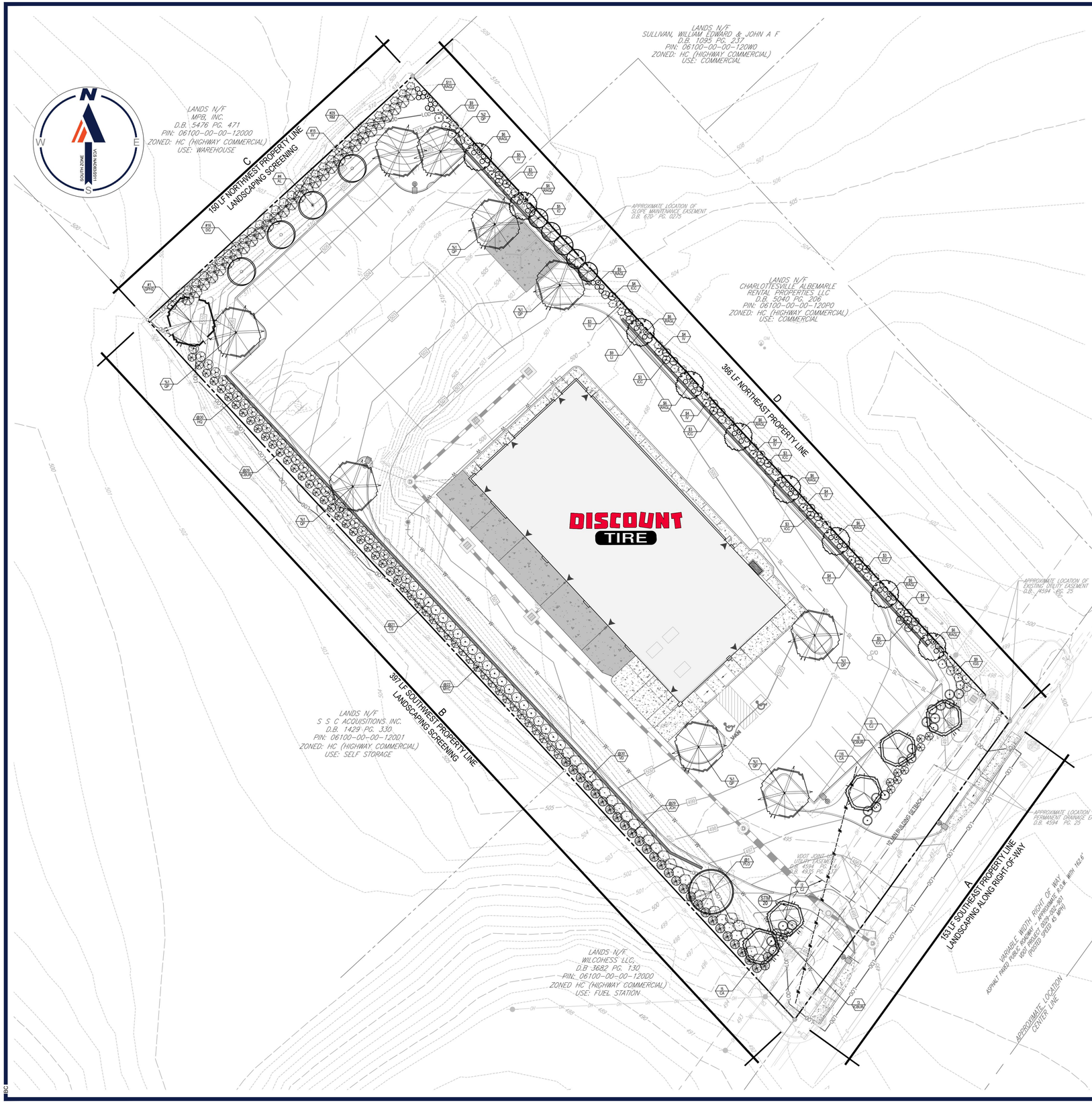
**UTILITY PLAN**

SHEET NUMBER:

C-501

ORG. DATE - 10/22/2021

Oct 22, 2021
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BC




## LANDSCAPE SCHEDULE

| KEY | QTY. | BOTANICAL NAME | COMMON NAME | CAL. / HT. | CONT. | 10 YR CANOPY (SF) | TOTAL CANOPY (SF) |
|---|---|---|---|---|---|---|---|
| SHADE TREES | | | | | | | |
| CJ | 5 | CERCIDIPHYLLUM JAPONICUM | JAPANESE KATSURA TREE | 2-2 1/2" CAL. / 8-10' | B+B | 222 | 1,110 |
| PLO | 1 | PLATANUS OCCIDENTALIS | AMERICAN SYCAMORE | 2-2 1/2" CAL. / 8-10' | B+B | 479 | 479 |
| QP | 9 | QUERCUS PALUSTRIS | PIN OAK | 2-2 1/2" CAL. / 8-10' | B+B | 471 | 4,239 |
| QPHQ | 1 | QUERCUS PHELLOS | WILLOW OAK | 2-2 1/2" CAL. / 8-10' | B+B | 471 | 471 |
| SUBTOTAL: | 16 | | | | | SUBTOTAL: | 6,299 |
| ORNAMENTAL TREES | | | | | | | |
| AL | 4 | AMELANCHIER LAEVIS | ALLEGHANY SERVICEBERRY | 2-2 1/2" CAL. / 8-10' | B+B | 130 | 520 |
| LI | 9 | LAGERSTROEMIA INDICA | COMMON CRAPEMYRTLE | 2-2 1/2" CAL. / 8-10' | B+B | 77 | 693 |
| SUBTOTAL: | 13 | | | | | SUBTOTAL: | 1,213 |
| EVERGREEN TREES | | | | | | | |
| IO | 5 | ILEX OPACA | AMERICAN HOLLY | 8-10' HT. | B+B | 56 | 280 |
| SUBTOTAL: | 5 | | | | | SUBTOTAL: | 280 |
| DECIDUOUS SHRUBS | | | | | | | |
| CA | 21 | CLETHRA ALNIFOLIA | SUMMERSWEET CLETHRA | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| CS | 21 | CORNUS SERICEA | REDOSIER DOGWOOD | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| DG | 16 | DEUTZIA GRACILIS | SLENDER DEUTZIA | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| HQ | 30 | HYDRANGEA QUERCIFOLIA | OAKLEAF HYDRANGEA | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| IV | 47 | ITEA VIRGINICA 'HENRY'S GARNET' | GARNET SWEETSPIRE | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| RAGL | 70 | RHUS AROMATICA 'GRO-LOW' | GRO-LOW SUMAC | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| VD | 30 | VIBURNUM DENTATUM | ARROWWOOD VIBURNUM | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| SUBTOTAL: | 235 | | | | | | |
| EVERGREEN SHRUBS | | | | | | | |
| ICBUR | 40 | ILEX CORNUTA 'BURFORDII' | BURFORD HOLLY | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| ICC | 27 | ILEX CRENATA 'COMPACTA' | COMPACT JAPANESE HOLLY | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| IGS | 18 | ILEX GLABRA 'SHAMROCK' | SHAMROCK INKBERRY HOLLY | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| JCH | 29 | JUNIPERUS CHINENSIS 'HETZII' | HETZ JUNIPER | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| MYC | 22 | MYRICA CERIFERA | WAX MYRTLE | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| RM | 29 | RHODODENDRON MAXIMUM 'ROSEBAY' | ROSEBAY RHODODENDRON | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| SUBTOTAL: | 165 | | | | | | |

## NOTES

ALL LANDSCAPING AND SCREENING REQUIRED BY SECTION 32.7.9 SHALL BE INSTALLED AND MAINTAINED AS FOLLOWS:

A.TIMING OF INSTALLATION. ALL LANDSCAPING SHALL BE INSTALLED BY THE FIRST PLANTING SEASON FOLLOWING THE ISSUANCE OF THE FIRST CERTIFICATE OF OCCUPANCY WITHIN THE DEVELOPMENT, OR A PHASE THEREOF.

B.METHOD OF INSTALLATION. ALL TREES SHALL BE PLANTED IN ACCORDANCE WITH EITHER THE STANDARDIZED LANDSCAPE SPECIFICATIONS JOINTLY ADOPTED BY THE VIRGINIA NURSERYMEN'S ASSOCIATION, THE VIRGINIA SOCIETY OF LANDSCAPE DESIGNERS AND THE VIRGINIA CHAPTER OF THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS, OR THE ROAD AND BRIDGE SPECIFICATIONS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION. PLANTING ISLANDS SHALL CONTAIN A MINIMUM OF 50 SQUARE FEET PER TREE, WITH A MINIMUM DIMENSION OF FIVE FEET IN ORDER TO PROTECT THE LANDSCAPING AND ALLOW FOR PROPER GROWTH. WHEEL STOPS, CURBING OR OTHER BARRIERS SHALL BE PROVIDED TO PREVENT DAMAGE TO LANDSCAPING BY VEHICLES. WHERE NECESSARY, TREES SHALL BE WELLED OR OTHERWISE PROTECTED AGAINST CHANGE OF GRADE. ALL PERVIOUS AREAS OF THE SITE SHALL BE PERMANENTLY PROTECTED FROM SOIL EROSION WITH GRASS OR OTHER GROUND COVER OR MULCH MATERIAL.

C.MAINTAINING AND REPLACING LANDSCAPING AND SCREENING. ALL LANDSCAPING AND SCREENING SHALL BE MAINTAINED IN A HEALTHY CONDITION BY THE CURRENT OWNER OR A PROPERTY OWNERS' ASSOCIATION, AND REPLACED WHEN NECESSARY. REPLACEMENT MATERIAL SHALL COMPLY WITH THE APPROVED LANDSCAPE PLAN.

D.MAINTAINING TREES IF SITE NOT UNDER SINGLE OWNERSHIP. IN THE CASE OF DEVELOPMENT WITH UNITS FOR SALE, THE TREES SHALL BE MAINTAINED BY A PROPERTY OWNER'S ASSOCIATION. PRIOR TO FINAL SITE PLAN APPROVAL, THE DEVELOPER SHALL SUBMIT TO THE AGENT AN INSTRUMENT ASSURING THE PERPETUAL MAINTENANCE OF THE TREES. THE INSTRUMENT SHALL BE SUBJECT TO REVIEW AND APPROVAL BY THE COUNTY ATTORNEY AND SHALL BE IN A FORM AND STYLE SO THAT IT MAY BE RECORDED IN THE OFFICE OF THE CLERK OF THE CIRCUIT COURT OF THE COUNTY. THE AGENT MAY REQUIRE THAT THE INSTRUMENT BE ON A FORM PREPARED BY THE COUNTY ATTORNEY.

E.MAINTAINING STREET TREES PLANTED WITHIN A PUBLIC STREET RIGHT-OF-WAY. IF STREET TREES ARE PLANTED WITHIN THE PUBLIC STREET RIGHT-OF-WAY, THE TREES SHALL BE MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION.

F.ALL SITE PLANTINGS OF TREES AND SHRUBS SHALL BE ALLOWED TO REACH, AND BE MAINTAINED AT, MATURE HEIGHT; THE TOPPING OF TREES IS PROHIBITED. SHRUBS AND TREES SHALL BE PRUNED MINIMALLY AND ONLY TO SUPPORT THE OVERALL HEALTH OF THE PLANT.

## LEGEND

LOW LOW — LIMIT OF WORK

LOD LOD — LIMIT OF DISTURBANCE


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COMMONWEALTH OF VIRGINIA
NICHOLAS T GEORGAS
Cert. No. 001653
8/27/2021
LANDSCAPE ARCHITECT

SHEET TITLE:

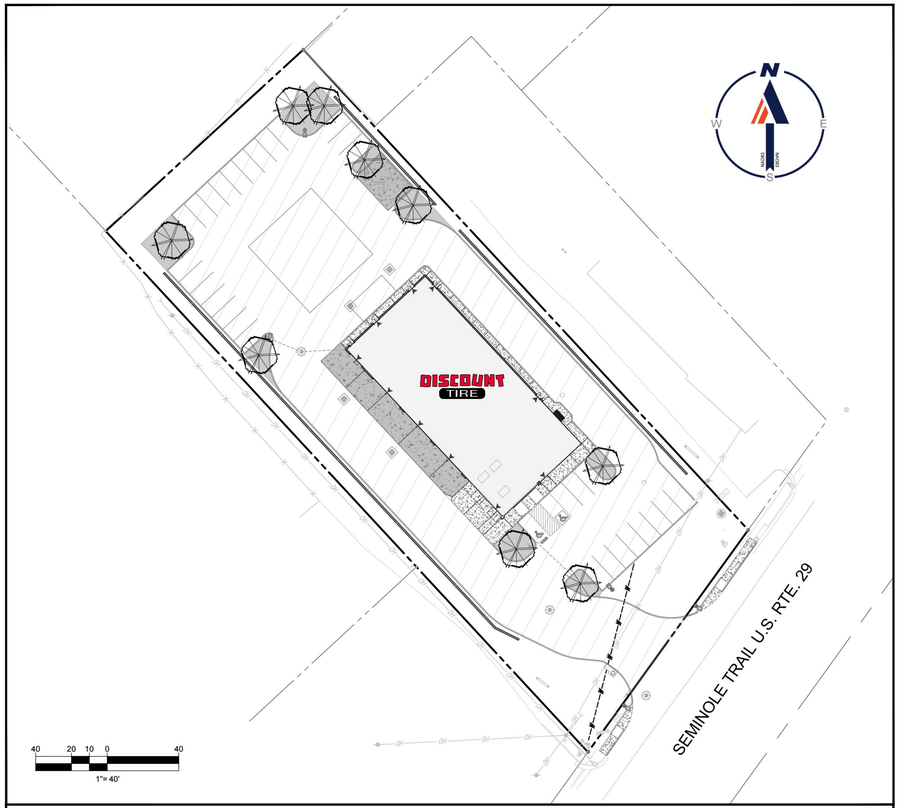
**LANDSCAPE PLAN**

SHEET NUMBER:

C-701

ORG. DATE - 10/22/2021

Oct 22, 2021
11:21 V:\211201\CAD\DRAWINGS\PLAN SET\FINAL SITE PLAN\211201-LSCP-0----LAYOUT: C-701 - LANDSCAPE PLAN
BC




LEGEND

INTERIOR PARKING LOT AREA

INTERIOR PARKING LOT LANDSCAPE AREA

INTERIOR PARKING LOT TREE

## NOTES

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## LANDSCAPE COMPLIANCE CHART

| SECTION | REQUIREMENTS | CALCULATIONS | COMPLIANCE |
|---|---|---|---|
| 32.7.9.5 LANDSCAPING ALONG STREETS | ONE (1) LARGE STREET TREE SHALL BE REQUIRED FOR EVERY FIFTY (50) FEET OF STREET FRONTAGE, OR PORTION THEREOF. IF TWENTY-FIVE (25) FEET OR MORE, WHERE PERMITTED, ONE (1) MEDIUM SHADE TREE SHALL BE REQUIRED FOR EVERY FORTY (40) FEET OF ROAD FRONTAGE, OR PORTION THEREOF, IF TWENTY (20) FEET OR MORE. IF REQUIRED STREET TREES CANNOT BE PLANTED WITHIN THE PARKING SETBACK OR WITHIN TEN (10) FEET OF THE STREET RIGHT-OF-WAY DUE TO SIGHT DISTANCE, UTILITY EASEMENTS OR OTHER CONFLICTING REQUIREMENTS, THEN THE PLANTING STRIP SHALL BE ENLARGED TO ACCOMMODATE THE TREES. | **(A) SEMINOLE TRAIL U.S RTE 29 - SOUTHEAST PROPERTY LINE**<br>153 LF STREET FRONTAGE<br>**REQUIRED**<br>MEDIUM TREES REQUIRED: (1/40) X 153 = 4 MEDIUM TREES<br>SHRUBS REQUIRED: (1/5) X 153 = 31 SHRUBS<br>**PROVIDED**<br>MEDIUM TREES: 5 MEDIUM TREES (DUE TO OVERHEAD WIRES)<br>SHRUBS PROVIDED: 32 SHRUBS<br>"I" INDICATED PLANT MATERIAL UTILIZED TO FULFIL THE REQUIREMENT | COMPLIES |
| 32.7.9.6 LANDSCAPING WITHIN A PARKING AREA | AN AREA OF AT LEAST (5) PERCENT OF THE PAVED PARKING AND VEHICULAR CIRCULATION AREA SHALL BE LANDSCAPED WITH TREES OR SHRUBS.<br>PLANT MATERIALS MAY BE A MIXTURE OF SHADE TEES AND SHRUBS AND SHALL INCLUDE ONE (1) LARGE SHADE TREE PER TEN (10) PARKING SPACES. | **INTERIOR PARKING LOT LANDSCAPING**<br>PARKING LOT AREA: 29,869 SF<br>PARKING SPACES: 32<br>**REQUIRED**<br>PARKING LOT LANDSCAPE AREA: 5% X 29,948 SF = 1,497 SF<br>CANOPY TREES: (1/10) X 32 SPACES = 4 CANOPY TREES<br>**PROVIDED**<br>PARKING LOT LANDSCAPE AREA: 2,437 SF (8.14%)<br>CANOPY TREES: 9 CANOPY TREES<br>"%" INDICATED PLANT MATERIAL UTILIZED TO FULFIL THE REQUIREMENT | COMPLIES |
| 32.7.9.7 SCREENING | COMMERCIAL AND INDUSTRIAL USES SHALL BE SCREENED FROM THE ADJACENT RURAL AREAS ZONING DISTRICT. COMMERCIAL AND INDUSTRIAL USES SHALL BE SCREEMED FROM RESIDENTIAL USES WHEN DEEMED NECESSARY BY THE AGENT UPON CONSIDERING THE PROXIMITY OF THE COMMERCIAL OR INDUSTRIAL USE TO THE RESIDENTIAL USE, THE NATURE OF THE COMMERCIAL OR INDUSTRIAL USE, WHETHER THE USES ARE IN SINGLE-USE OR MIXED USE DEVELOPMENTS, AND OTHER CONSIDERATIONS HE DETERMINES TO BE RELEVANT UNDER SOUND ZONING PRINCIPLES. | **SCREENING LANDSCAPING**<br>**(B) SOUTHWEST PROPERTY LINE**<br>397 LF PROPERTY LINE FRONTAGE<br>**REQUIRED**<br>TREES REQUIRED: 0 X 397 LF SPACES = 0 TREES<br>SHRUBS REQUIRED: (1/5) X 2 X 153 = 159 SHRUBS<br>**PROVIDED**<br>TREES PROVIDED: 1 TREE<br>SHRUBS PROVIDED: 161 SHRUBS<br>"@" INDICATED PLANT MATERIAL UTILIZED TO FULFIL THE REQUIREMENT<br>**(C) NORTHWEST PROPERTY LINE**<br>150 LF PROPERTY LINE FRONTAGE<br>**REQUIRED**<br>TREES REQUIRED: 0 X 150 LF SPACES = 0 TREES<br>SHRUBS REQUIRED: (1/5) X 2 X 150 = 60 SHRUBS<br>**PROVIDED**<br>TREES PROVIDED: 5 TREE<br>SHRUBS PROVIDED: 60 SHRUBS<br>"#" INDICATED PLANT MATERIAL UTILIZED TO FULFIL THE REQUIREMENT<br>**(D) NORTHEAST PROPERTY LINE**<br>366 LF PROPERTY LINE FRONTAGE<br>**REQUIRED**<br>TREES REQUIRED: 0 X 366 LF SPACES = 0 TREES<br>SHRUBS REQUIRED: (1/5) X 2 X 366 = 147 SHRUBS<br>**PROVIDED**<br>TREES PROVIDED: 14 TREE<br>SHRUBS PROVIDED: 147 SHRUBS<br>TRASH ENCLOSURE WILL BE SCREENED BY 5 TREES<br>"$" INDICATED PLANT MATERIAL UTILIZED TO FULFIL THE REQUIREMENT | COMPLIES |
| 32.7.9.8 TREE CANOPY | COMMERCIAL AND INDUSTRIAL USES: IF THE SITE IS TO BE DEVELOPED FOR COMMERCIAL OR INDUSTRIAL USES, THE MINIMUM TREE CANOPY IS TEN (10) PERCENT. | **TREE CANOPY CALCULATION**<br>GROSS SITE AREA: 57,240 SF<br>**REQUIRED**<br>CANOPY AREA REQUIRED: 10% X 57,240 SF = 5,724 SF<br>**PROVIDED**<br>CANOPY AREA PROVIDED: 7,792 SF TOTAL (13.61%)<br>EXISTING CANOPY AREA : 0 SF<br>PROPOSED CANOPY AREA: 7,792 SF | COMPLIES |

## LANDSCAPE SCHEDULE

| KEY | QTY. | BOTANICAL NAME | COMMON NAME | CAL. / HT. | CONT. | 10 YR CANOPY (SF) | TOTAL CANOPY (SF) |
|---|---|---|---|---|---|---|---|
| SHADE TREES | | | | | | | |
| CJ | 5 | CERCIDIPHYLLUM JAPONICUM | JAPANESE KATSURA TREE | 2-2 1/2" CAL. / 8-10' | B+B | 222 | 1,110 |
| PLO | 1 | PLATANUS OCCIDENTALIS | AMERICAN SYCAMORE | 2-2 1/2" CAL. / 8-10' | B+B | 479 | 479 |
| QP | 9 | QUERCUS PALUSTRIS | PIN OAK | 2-2 1/2" CAL. / 8-10' | B+B | 471 | 4,239 |
| QPHQ | 1 | QUERCUS PHELLOS | WILLOW OAK | 2-2 1/2" CAL. / 8-10' | B+B | 471 | 471 |
| SUBTOTAL: | 16 | | | | | SUBTOTAL: | 6,299 |
| ORNAMENTAL TREES | | | | | | | |
| AL | 4 | AMELANCHIER LAEVIS | ALLEGHANY SERVICEBERRY | 2-2 1/2" CAL. / 8-10' | B+B | 130 | 520 |
| LI | 9 | LAGERSTROEMIA INDICA | COMMON CRAPEMYRTLE | 2-2 1/2" CAL. / 8-10' | B+B | 77 | 693 |
| SUBTOTAL: | 13 | | | | | SUBTOTAL: | 1,213 |
| EVERGREEN TREES | | | | | | | |
| IO | 5 | ILEX OPACA | AMERICAN HOLLY | 8-10' HT. | B+B | 56 | 280 |
| SUBTOTAL: | 5 | | | | | SUBTOTAL: | 280 |
| DECIDUOUS SHRUBS | | | | | | | |
| CA | 21 | CLETHRA ALNIFOLIA | SUMMERSWEET CLETHRA | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| CS | 21 | CORNUS SERICEA | REDOSIER DOGWOOD | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| DG | 16 | DEUTZIA GRACILIS | SLENDER DEUTZIA | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| HQ | 30 | HYDRANGEA QUERCIFOLIA | OAKLEAF HYDRANGEA | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| IV | 47 | ITEA VIRGINICA 'HENRY'S GARNET' | GARNET SWEETSPIRE | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| RAGL | 70 | RHUS AROMATICA 'GRO-LOW' | GRO-LOW SUMAC | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| VD | 30 | VIBURNUM DENTATUM | ARROWWOOD VIBURNUM | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| SUBTOTAL: | 235 | | | | | | |
| EVERGREEN SHRUBS | | | | | | | |
| ICBUR | 40 | ILEX CORNUTA 'BURFORDII' | BURFORD HOLLY | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| ICC | 27 | ILEX CRENATA 'COMPACTA' | COMPACT JAPANESE HOLLY | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| IGS | 18 | ILEX GLABRA 'SHAMROCK' | SHAMROCK INKBERRY HOLLY | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| JCH | 29 | JUNIPERUS CHINENSIS 'HETZII' | HETZ JUNIPER | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| MYC | 22 | MYRICA CERIFERA | WAX MYRTLE | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| RM | 29 | RHODODENDRON MAXIMUM 'ROSEBAY' | ROSEBAY RHODODENDRON | 18-24" HT. & SPREAD | #3 CAN | NOT APPLICABLE | |
| SUBTOTAL: | 165 | | | | | | |


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| REV | DATE | COMMENT | DRAWN BY / CHECKED BY |
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**PROJECT No.:** V211201
**DRAWN BY:** DSH
**CHECKED BY:** RTY
**DATE:** 10/22/2021
**CAD I.D.:** LSCP -0

PROJECT:

**SITE PLAN DOCUMENTS**

FOR

DISCOUNT TIRE

PROPOSED LOCATION

1636 SEMINOLE TRAIL
ALBERMARLE COUNTY
CHARLOTTESVILLE, VIRGINIA 22901


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COMMONWEALTH OF VIRGINIA
NICHOLAS T GEORGAS
Cert. No. 001653
8/27/2021
LANDSCAPE ARCHITECT

SHEET TITLE:

**LANDSCAPE COMPLIANCE**

SHEET NUMBER:

C-702

ORG. DATE - 10/22/2021

Oct 22, 2021
H:\211\V211201\CAD\DRAWINGS\PLAN SET\FINAL SITE PLAN\V211201.LSCP-0---LAYOUT C-702 - LANDSCAPE COMPLIANCE
BC

## LANDSCAPE SPECIFICATIONS

**1. SCOPE OF WORK:**
THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.

**2. MATERIALS**
A. GENERAL - ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS.

B. TOPSOIL - NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN 4.5-7.0. IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS.

C. LAWN - ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM SIX INCH (6") THICK LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED WITHIN THE SOIL EROSION AND SEDIMENT CONTROL NOTES.
1.1. LAWN SEED MIXTURE SHALL BE FRESH, CLEAN NEW CROP SEED.
1.2. SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/PEST FREE WITH A UNIFORM THICKNESS.
1.3. SOD INSTALLED ON SLOPES GREATER THAN 4:1 SHALL BE PEGGED TO HOLD SOD IN PLACE.

D. MULCH - THE MULCH AROUND THE PERIMETER OF THE BUILDING SHALL BE A 3" LAYER OF DOUBLE SHREDDED BLACK CEDAR MULCH ONLY. ALL OTHER AREAS SHALL BE MULCHED WITH A 3" LAYER OF DOUBLE SHREDDED DARK BROWN HARDWOOD BARK MULCH, UNLESS OTHERWISE STATED ON THE LANDSCAPE PLAN.

E. FERTILIZER
1.1. FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY PRIOR TO USE.
1.2. FOR THE PURPOSE OF BIDDING, ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN, 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY.

F. PLANT MATERIAL
1.1. ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
1.2. IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT MATERIAL.
1.3. PLANTS SHALL BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE. TAGS ARE TO REMAIN ON AT LEAST ONE PLANT OF EACH SPECIES FOR VERIFICATION PURPOSES DURING THE FINAL INSPECTION.
1.4. TREES WITH ABRASION OF THE BARK, SUN SCALDS, DISFIGURATION OR FRESH CUTS OF LIMBS OVER 1¼", WHICH HAVE NOT BEEN COMPLETELY CALLUSED, SHALL BE REJECTED.PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES.
1.5. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH: WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE, INSECTS, PESTS, EGGS OR LARVAE.
1.6. CALIPER MEASUREMENTS OF NURSERY GROWN TREES SHALL BE TAKEN AT A POINT ON THE TRUNK SIX INCHES (6") ABOVE THE NATURAL GRADE FOR TREES UP TO AND INCLUDING A FOUR INCH (4") CALIPER SIZE. IF THE CALIPER AT SIX INCHES (6") ABOVE THE GROUND EXCEEDS FOUR INCHES (4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE.
1.7. SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE LONGEST BRANCH.
1.8. TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL.

**3. GENERAL WORK PROCEDURES**
A. CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED, STOCKPILED OR DISPOSED OF.

B. WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.

**4. SITE PREPARATIONS**
A. BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN.

B. ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE TRUNK. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH CLEAN, SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE MONITORED ON A REGULAR BASIS FOR ADDITIONAL ROOT OR BRANCH DAMAGE AS A RESULT OF CONSTRUCTION. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE.

C. CONTRACTOR SHALL ARRANGE TO HAVE A UTILITY STAKE-OUT TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY LANDSCAPE MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK.

**5. TREE PROTECTION**
A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT THE DRIP LINE OR 15 FEET FROM THE TRUNK OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER. LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED.

B. A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY 'VISI-FENCE', OR APPROVED EQUAL, MOUNTED ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM OF EIGHT FEET (8') ON CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL.

C. WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION, GRADING, TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED.

D. AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE PROTECTION ZONE.

**6. SOIL MODIFICATIONS**
A. CONTRACTOR SHALL ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE PERFORMED BY A CERTIFIED SOIL LABORATORY.

B. LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL. SOIL MODIFICATIONS, AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON SITE CONDITIONS.

C. THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY. COMPOSITION OF AMENDMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS PERFORMED BY A CERTIFIED SOIL LABORATORY.
1.1. TO INCREASE A SANDY SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS, THOROUGHLY TILL ORGANIC MATTER INTO THE TOP 6-12". USE COMPOSTED BARK, COMPOSTED LEAF MULCH OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.5.
1.2. TO INCREASE DRAINAGE, MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR AGRICULTURAL GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE.
1.3. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85%) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.

**7. FINISHED GRADING**
A. UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE SITE.

B. LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL THICKNESS (1"±).

C. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE AS DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT.

D. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER IN AND AROUND THE PLANTING BEDS. STANDING WATER SHALL NOT BE PERMITTED IN PLANTING BEDS.

**8. TOPSOILING**
A. CONTRACTOR SHALL PROVIDE A SIX INCH (6") THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS.

B. ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE REJECTED IF IT HAS NOT BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION.

C. CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANALYSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL TO BE UTILIZED IN ALL PLANTING AREAS. THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS SECTION ABOVE.

D. ALL PLANTING AND LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE TILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS (QUANTITIES BASED ON A 1,000 SQUARE FOOT AREA):
1.1. 20 POUNDS 'GROW POWER' OR APPROVED EQUAL
1.2. 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP

E. THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.

**9. PLANTING**
A. INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH TO HELP PRESERVE ROOT MOISTURE.

B. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION.

C. ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN-CUT ENDS PRIOR TO PLANTING UTILIZING CLEAN, SHARP TOOLS. ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED.

D. ALL PLANTING CONTAINERS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.

E. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.

F. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS:
1.1. PLANTS: MARCH 15 TO DECEMBER 15
1.2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1

G. PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL SUBSTITUTIONS.

H. FURTHERMORE, THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPLANT SHOCK AND THE SEASONAL LACK OF NITROGEN AVAILABILITY, THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING SEASON:

| | |
|---|---|
| ACER RUBRUM | PLATANUS X ACERIFOLIA |
| BETULA VARIETIES | POPULOUS VARIETIES |
| CARPINUS VARIETIES | PRUNUS VARIETIES |
| CRATAEGUS VARIETIES | PYRUS VARIETIES |
| KOELREUTERIA | QUERCUS VARIETIES |
| LIQUIDAMBER STYRACIFLUA | TILIA TOMENTOSA |
| LIRIODENDRON TULIPIFERA | ZELKOVA VARIETIES |

I. PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY:
- 1 PART PEAT MOSS
- 1 PART COMPOSTED COW MANURE BY VOLUME
- 3 PARTS TOPSOIL BY VOLUME
- 21 GRAMS 'AGRIFORM' PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS:
  - A) 2 TABLETS PER 1 GALLON PLANT
  - B) 3 TABLETS PER 5 GALLON PLANT
  - C) 4 TABLETS PER 15 GALLON PLANT
  - D) LARGER PLANTS: 2 TABLETS PER ½" CALIPER OF TRUNK

J. FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WAY AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND WATER THOROUGHLY.

K. ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL, THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP OF THE ROOT BALL.

L. ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE.

M. GROUND COVER AREAS SHALL RECEIVE A ¼" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION.

N. NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING STRUCTURES AND SIDEWALKS.

O. ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED AREA OR SAUCER. NO MULCH IS TO TOUCH THE TRUNK OF THE TREE OR SHRUB.

P. ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE WATERING SPECIFICATIONS AS LISTED HEREIN.

**10. TRANSPLANTING (WHEN REQUIRED)**
A. ALL TRANSPLANTS SHALL BE DUG WITH INTACT ROOT BALLS CAPABLE OF SUSTAINING THE PLANT.

B. IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL, ADEQUATELY WATERED AND PROTECTED FROM EXTREME HEAT, SUN AND WIND.

C. PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30.

D. UPON REPLANTING, BACKFILL SOIL SHALL BE AMENDED WITH FERTILIZER AND ROOT GROWTH HORMONE.

E. TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.

F. IF TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.

**11. WATERING**
A. NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED.

B. SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE, CONTRACTOR SHALL SUPPLY ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED FOR ALL NEWLY PLANTED TREES.

C. IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE, IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL, BUT ANY FAILURE OF THE SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS, HEALTHY GROWTH.

**12. GUARANTEE**
A. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.

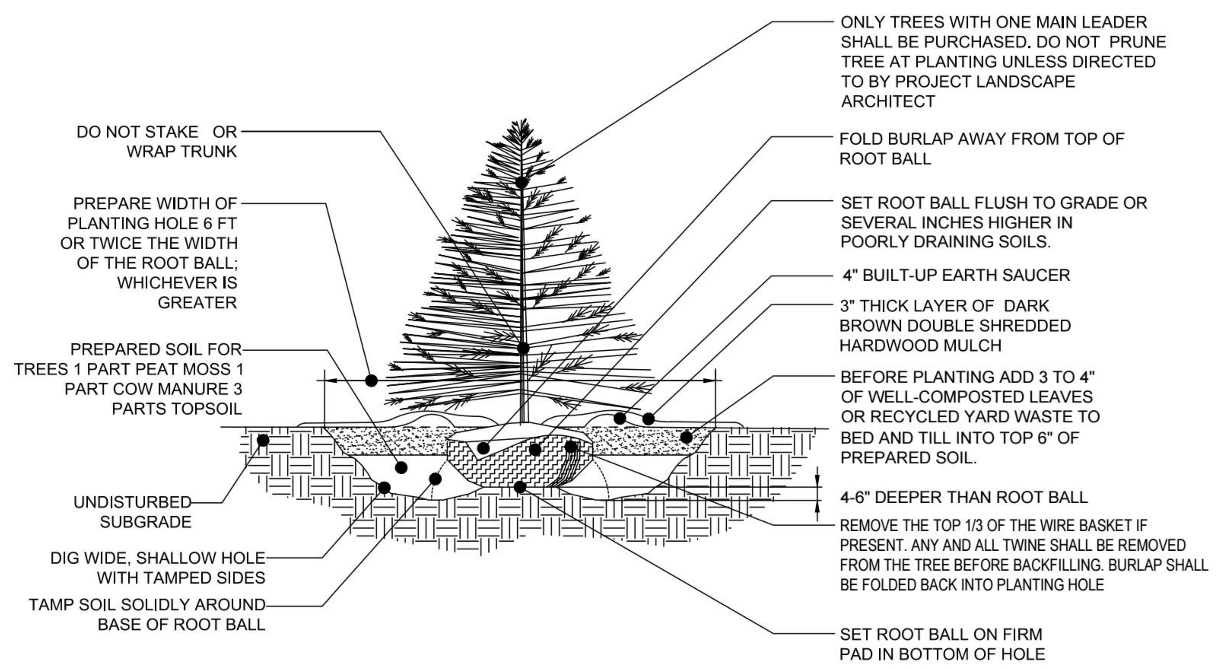
B. ANY DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED FOR THE LENGTH OF THE GUARANTEE PERIOD. REPLACEMENT OF PLANT MATERIAL SHALL BE CONDUCTED AT THE FIRST SUCCEEDING PLANTING SEASON. ANY DEBRIS SHALL BE DISPOSED OF OFF-SITE, WITHOUT EXCEPTION.

C. TREES AND SHRUBS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY MAINTENANCE PERIOD AS SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERING AND THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE.

D. LAWNS SHALL BE MAINTAINED THROUGH WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.

**13. CLEANUP**
A. UPON THE COMPLETION OF ALL LANDSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL UNUSED MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED AREAS ARE TO BE CLEANED.

B. THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.

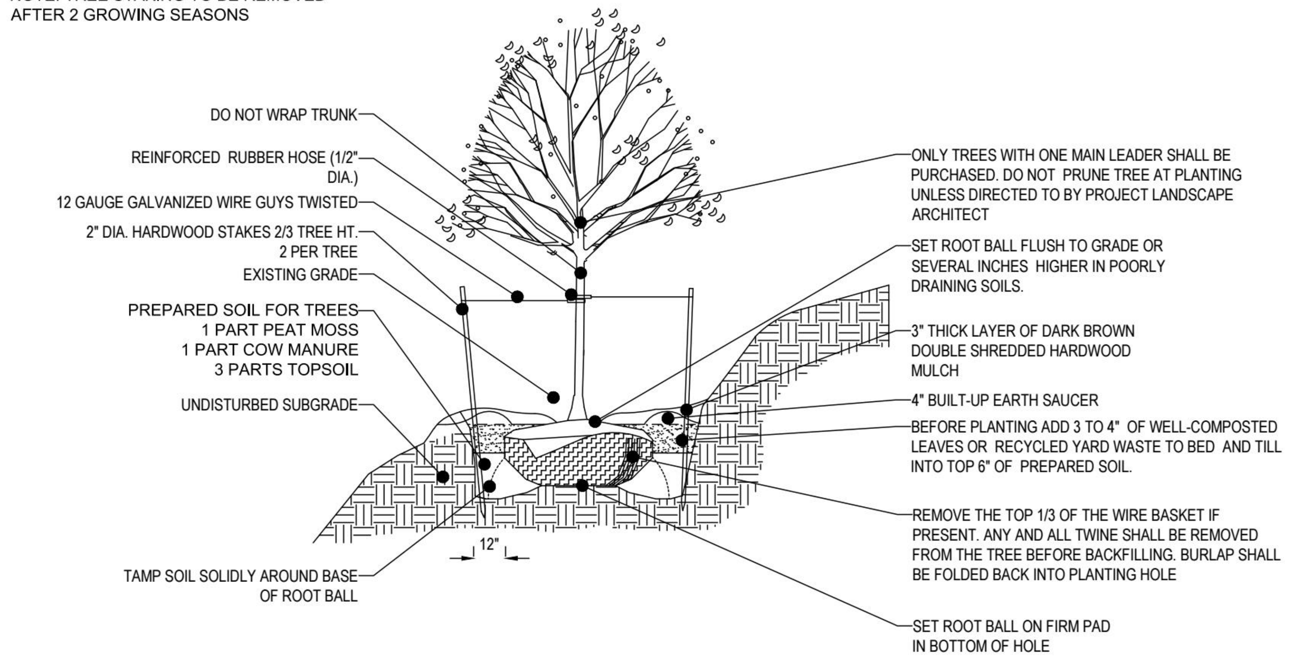



REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT.

### EVERGREEN TREE PLANTING DETAIL

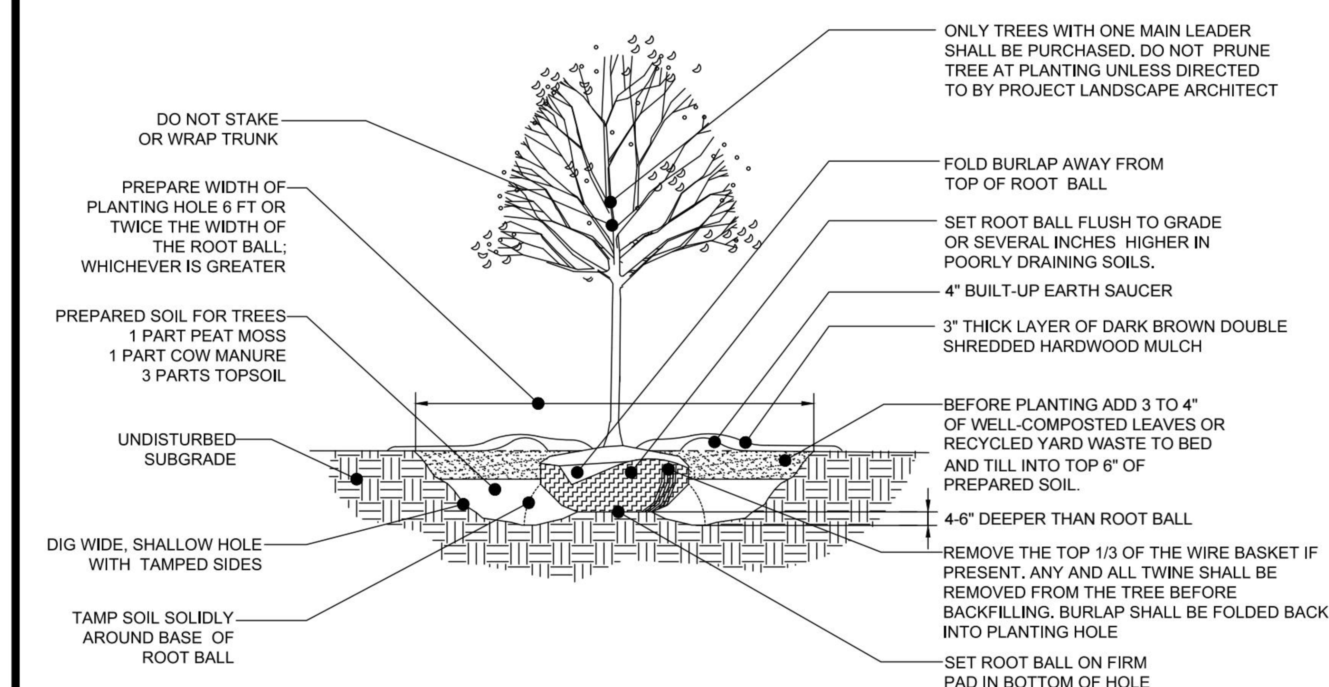
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NOTE: TREE STAKING TO BE REMOVED AFTER 2 GROWING SEASONS




### TREE PLANTING ON SLOPE DETAIL

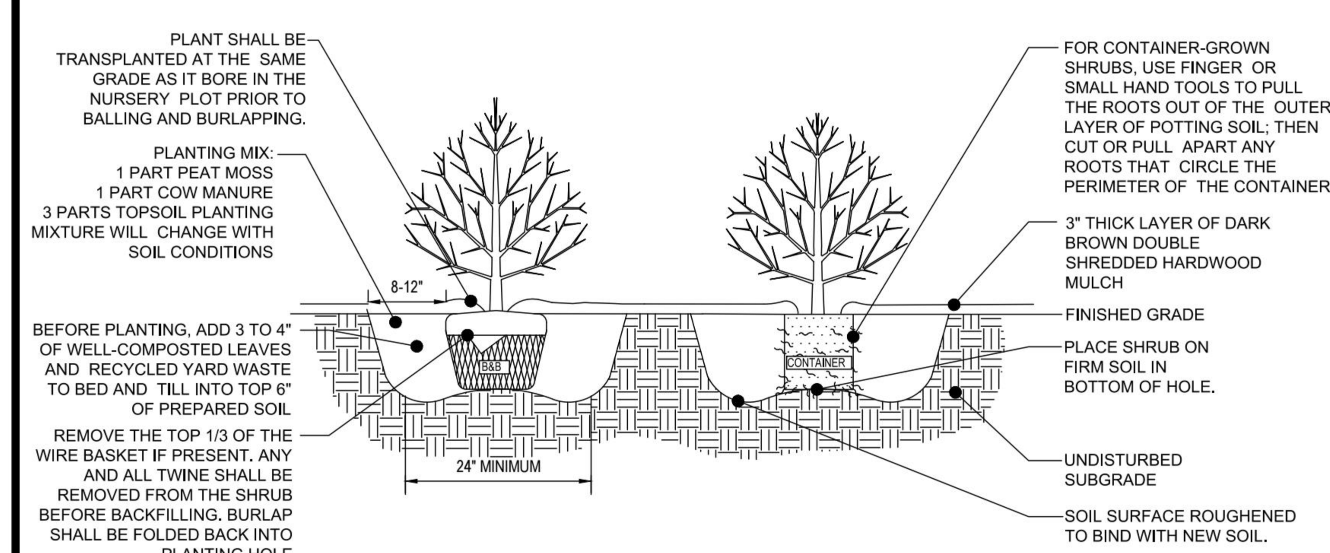
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REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT.

### DECIDUOUS TREE PLANTING DETAIL

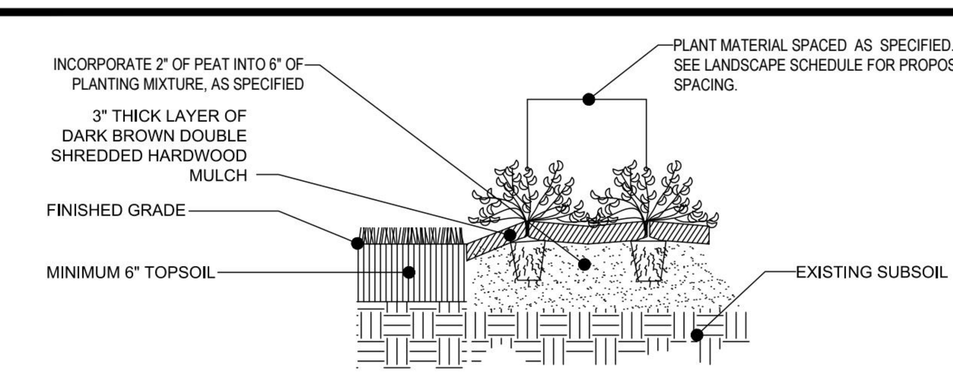
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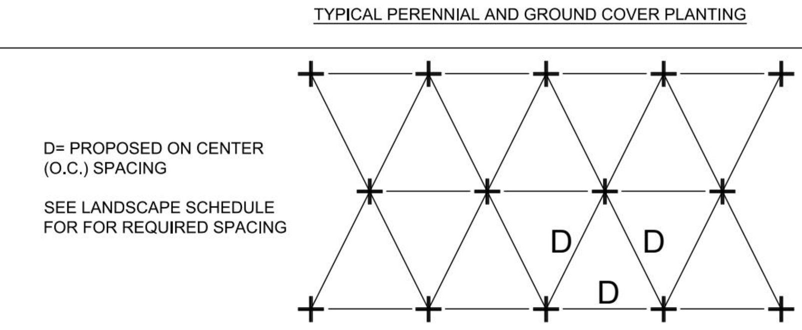

REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT

### DECIDUOUS AND EVERGREEN SHRUB PLANTING DETAIL

NOT TO SCALE




TYPICAL PERENNIAL AND GROUND COVER PLANTING




TYPICAL PERENNIAL AND GROUND COVER SPACING & LAYOUT

### PERENNIAL/GROUND COVER PLANTING DETAIL

NOT TO SCALE

## SEEDING SPECIFICATIONS

1. MATERIAL:

1.1. SEED MIXTURE MUST BE COMPRISED OF THE FOLLOWING VARIETIES AND AT THE SPECIFIED COMPOSITION:
1.1.1. 80% - TURF TYPE TALL FESCUE SEED
1.1.2. 10% - KENTUCKY BLUEGRASS SEED
1.1.3. 10% - ANNUAL RYE GRASS SEED
1.2. INSTALLATION RATES:
1.2.1. SEED: LAWN SEED SHOULD BE APPLIED AT A RATE OF 7 LBS/1,000 SF
1.2.2. LIME: AGRICULTURAL OR PELLETIZED LIME SHOULD BE APPLIED AT SPECIFIED RATE ACCORDING TO SOIL ANALYSIS OR 2,000 LBS PER ACRE (46 LBS/1,000 SF) IF NO SOIL ANALYSIS IS PERFORMED.
1.2.3. FERTILIZER: COMMERCIAL GRADE 12-20-12 SHOULD BE APPLIED AT A RATE OF 250 LBS PER PER ACRE (5.8 LBS/ 1,000 SF)
1.2.4. LIQUID OR DRY LIME: LIQUID LIME SHOULD BE APPLIED AT A RATE OF 2.5 GALLONS PER ACRE OR NEUTRA LIME DRY APPLIED AT A RATE OF 80LBS PER ACRE IN AREAS OF ACIDIC SOILS TO ASSURE GERMINATION AND INITIAL ESTABLISHMENT.
1.2.5. MULCH: WHEAT, OAT, OR BARLEY STRAW MULCH SHALL BE APPLIED AT A RATE OF 80 LBS PER 1,000 SF. DO NOT INSTALL MULCH SO THICK THAT IT COMPLETELY COVERS THE GROUND. TOPSOIL SHOULD BE VISIBLE THROUGH THE STRAW LAYER.

2. EXECUTION AND PREPARATION:

2.1. A SOIL ANALYSIS SHOULD BE PERFORMED TO ASSESS THE FERTILITY NEEDS AND PH OF THE SOIL. ALL INSTALLATION AREAS SHOULD BE PREPARED TO AGRICULTURAL STANDARD RECOMMENDED BY THE DEPARTMENT OF AGRICULTURE WITHIN THE STATE WHERE THE WORK IS BEING PERFORMED. AGRICULTURAL LIME OR PELLETIZED LIME SHOULD BE ADDED DURING THE GROUND PREPARATION STAGE AT THE RATE RECOMMENDED ACCORDING TO SOIL ANALYSIS.
2.2. ALL WEEDS AND UNDESIRABLE PLANTS SHOULD BE REMOVED BEFORE PLANTING BY METHOD OF SPRAYING OR TILLAGE. A NON-SELECTIVE HERBICIDE CAN BE SPRAYED ONE MONTH PRIOR TO PLANTING TO KILL ALL WEEDS AND UNDESIRABLE PLANTS THAT MAY COMPETE WITH THE NEW SEEDLINGS. TILLAGE CAN BE PERFORMED AT LEAST 4 WEEKS PRIOR TO PLANTING AND AGAIN 2 WEEKS AFTER THE INITIAL TILLAGE. THE TILLAGE PROCEDURE CAN BE ADVANTAGEOUS IF LARGE AMOUNTS OF ORGANIC DEBRIS ARE PRESENT ON THE INSTALLATION AREAS.
2.3. PRIOR TO SEEDING, AREA IS TO BE TOPSOILED, FINE GRADED, AND RAKED OF ALL DEBRIS LARGER THAN 2" DIAMETER.
2.4. AREAS TO BE PLANTED SHOULD BE ROLLED WITH A CULTI-PACKER, TURF ROLLER, OR SIMILAR DEVICE TO FIRM THE SEEDBED. THIS PROCESS HELPS ACHIEVE THE DESIRED FIRMNESS. SOIL SHOULD BE FIRMED TO 85% OF COMPACTION.

3. INSTALLATION:

3.1. STRICTLY COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.
3.2. EQUIPMENT USED TO SPREAD SEED SHOULD HAVE SUFFICIENT CAPACITY TO HOLD AND AGITATE SEED EVENLY IN A CYCLONE OR DROP PATTERN. HYDROSEEDING MAY ALSO BE PERFORMED WITH THE ENGINEER/ARCHITECT'S APPROVAL.
3.3. SEED MAY NEED TO BE APPLIED AT A HALF RATE IN ALTERNATING DIRECTIONS TO ENSURE AN EVEN COVERAGE OF SEED.
3.4. LIQUID LIME OR NEUTRA LIME DRY SHOULD BE TOPICALLY APPLIED TO AREAS WITH ACIDIC SOILS TO ASSIST THE SEED GERMINATION AND VEGETATION GROWTH DURING THE FIRST 90 DAYS. LIQUID LIME SHOULD BE APPLIED AT A RATE OF 2.5 GALLONS PER ACRE OR NEUTRA LIME DRY AT A RATE OF 80LBS PER ACRE.
3.5. FERTILIZER SHOULD BE SPREAD EVENLY OVER THE SEEDED AREAS AT THE RECOMMENDED RATE DETERMINED BY THE INITIAL SOIL ANALYSIS. IF NO SOIL ANALYSIS IS AVAILABLE EVENLY APPLY 12-20-12 STARTER FERTILIZER AT A RATE OF 250LBS PER ACRE (5.8LBS/1000 SQUARE FEET).
3.6. A ROLLED EROSION CONTROL PRODUCT CAN BE APPLIED OVER THE TOP OF SEED IN STEEP SLOPE SITUATIONS TO HELP PREVENT SEED FROM WASHING AND REINFORCE VEGETATION THROUGH ESTABLISHMENT. (FOLLOW REC PRODUCT MANUFACTURER RECOMMENDATIONS.)

4. MAINTENANCE

4.1. FREQUENT LIGHT IRRIGATION WILL NEED TO BE APPLIED TO SEEDED AREAS IF NO NATURAL RAIN EVENTS HAVE OCCURRED WITHIN 2 WEEKS OF SEEDING. AFTER SEED GERMINATION HAS OCCURRED AND PLANTS ARE VISIBLE THE FREQUENCY OF IRRIGATION CAN BE CUT BACK WITH HEAVIER APPLICATION RATES.
4.2. REPAIR ALL SEED WASHINGS AND EROSION.

## OWNER MAINTENANCE RESPONSIBILITIES

UPON OWNER'S (OR OWNER CONTRACTOR'S) COMPLETION OF LANDSCAPING WORK, THE OWNER IS FULLY RESPONSIBLE FOR ALL FUTURE MAINTENANCE, CARE, UPKEEP, WATERING, AND TRIMMING OF ALL INSTALLED VEGETATION, PLANTS, TREE, BUSHES, SHRUBS, GRASSES, GRASS, ORNAMENTAL PLANTS AND FLOWERS, FLOWERS, GROUND COVER, AND LANDSCAPING, INCLUDING ALL LANDSCAPE ISLANDS AND AREAS ADJACENT OR PART OF THE LANDSCAPED AREAS. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

- TREES ADJACENT TO WALKWAYS AND AREAS OF PEDESTRIAN TRAFFIC MUST BE MAINTAINED TO ASSURE THAT ANY BRANCHES MUST BE LIMBED UP TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PEDESTRIAN SURFACES) OR PRUNED BACK TO AVOID ANY INTERFERENCE WITH THE TYPICAL PATH OF TRAVEL.
- TREES WITHIN VEHICULAR SIGHT LINES, AS ILLUSTRATED ON THE LANDSCAPE PLAN, ARE TO BE TRIMMED TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PAVED, TRAVELED SURFACES), OR AS OTHERWISE INDICATED ON THE PLANS.
- VEGETATIVE GROUND COVER, SHRUBS AND ORNAMENTAL PLANTS AND GRASSES MUST BE TRIMMED SO THAT NO PORTION OF THE PLANT EXCEEDS 30 INCHES ABOVE GRADE (OF ALL PAVED, TRAVEL SURFACES) ALONG AND WITHIN THE SIGHT LINES OF PARKING LOTS AND INGRESS-EGRESS WAYS.
- FALLEN PLANT FLOWERS, FRUIT, SEEDS AND DEBRIS DROPPINGS ARE TO BE REMOVED IMMEDIATELY FROM VEHICULAR AND PEDESTRIAN TRAFFIC AREAS TO PREVENT TRIPPING, SLIPPING OR ANY OTHER HAZARDS.

THESE REQUIREMENTS DO NOT AFFECT THE PLANT LIFE GUARANTEES THE LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE.


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PROGRAM MANAGEMENT
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| REV | DATE | COMMENT | DRAWN BY / CHECKED BY |
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| | | | |

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| | |
|---|---|
| **PROJECT No.:** | V211201 |
| **DRAWN BY:** | DSH |
| **CHECKED BY:** | RTY |
| **DATE:** | 10/22/2021 |
| **CAD I.D.:** | LSCP -0 |

PROJECT:

**SITE PLAN DOCUMENTS**

FOR

DISCOUNT TIRE

PROPOSED LOCATION

1636 SEMINOLE TRAIL
ALBERMARLE COUNTY
CHARLOTTESVILLE, VIRGINIA 22901


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28 BLACKWELL PARK LANE, SUITE 201
WARRENTON, VIRGINIA 20186
Phone: (540) 349-4500
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COMMONWEALTH OF VIRGINIA
NICHOLAS T GEORGAS
Cert. No. 001653
8/27/2021
LANDSCAPE ARCHITECT

SHEET TITLE:

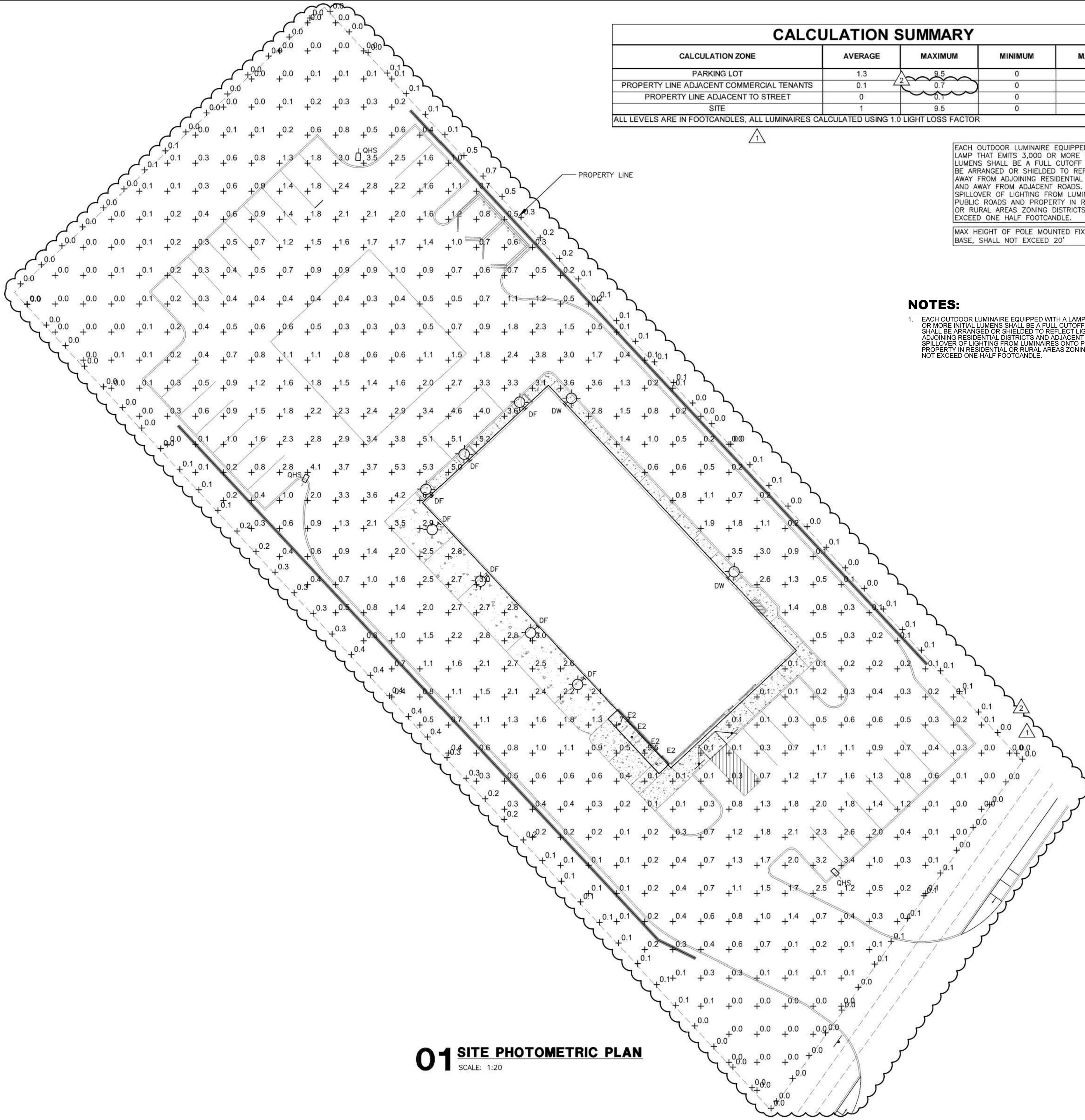
**LANDSCAPE NOTES AND DETAILS**

SHEET NUMBER:

C-703

ORG. DATE - 10/22/2021

Oct 22, 2021
H:\21\V211201\CAD\DRAWINGS\PLAN SETS\FINAL SITE PLAN\V211201-LSCP-0---->LAYOUT: C-703 LAND DETAILS
BC




# CALCULATION SUMMARY

| CALCULATION ZONE | AVERAGE | MAXIMUM | MINIMUM | MAX/MIN |
|---|---|---|---|---|
| PARKING LOT | 1.3 | 9.5 | 0 | NA |
| PROPERTY LINE ADJACENT COMMERCIAL TENANTS | 0.1 | 0.7 | 0 | NA |
| PROPERTY LINE ADJACENT TO STREET | 0 | 0.1 | 0 | NA |
| SITE | 1 | 9.5 | 0 | NA |
| ALL LEVELS ARE IN FOOTCANDLES, ALL LUMINAIRES CALCULATED USING 1.0 LIGHT LOSS FACTOR | | | | |

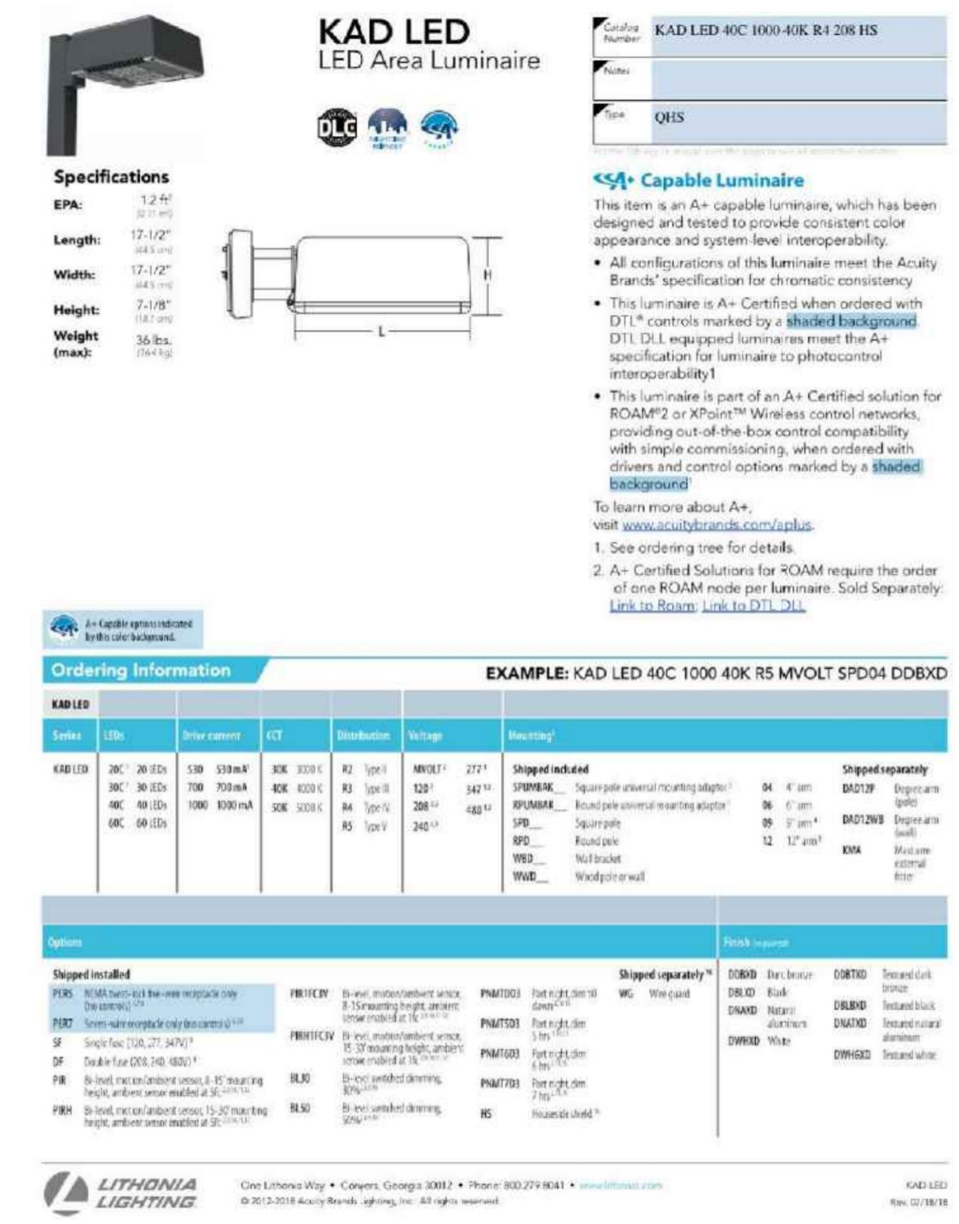
EACH OUTDOOR LUMINAIRE EQUIPPED WITH A LAMP THAT EMITS 3,000 OR MORE INITIAL LUMENS SHALL BE A FULL CUTOFF AND SHALL BE ARRANGED OR SHIELDED TO REFLECT LIGHT AWAY FROM ADJOINING RESIDENTIAL DISTRICTS AND AWAY FROM ADJACENT ROADS. THE SPILLOVER OF LIGHTING FROM LUMINAIRES ONTO PUBLIC ROADS AND PROPERTY IN RESIDENTIAL OR RURAL AREAS ZONING DISTRICTS SHALL NOT EXCEED ONE HALF FOOTCANDLE.

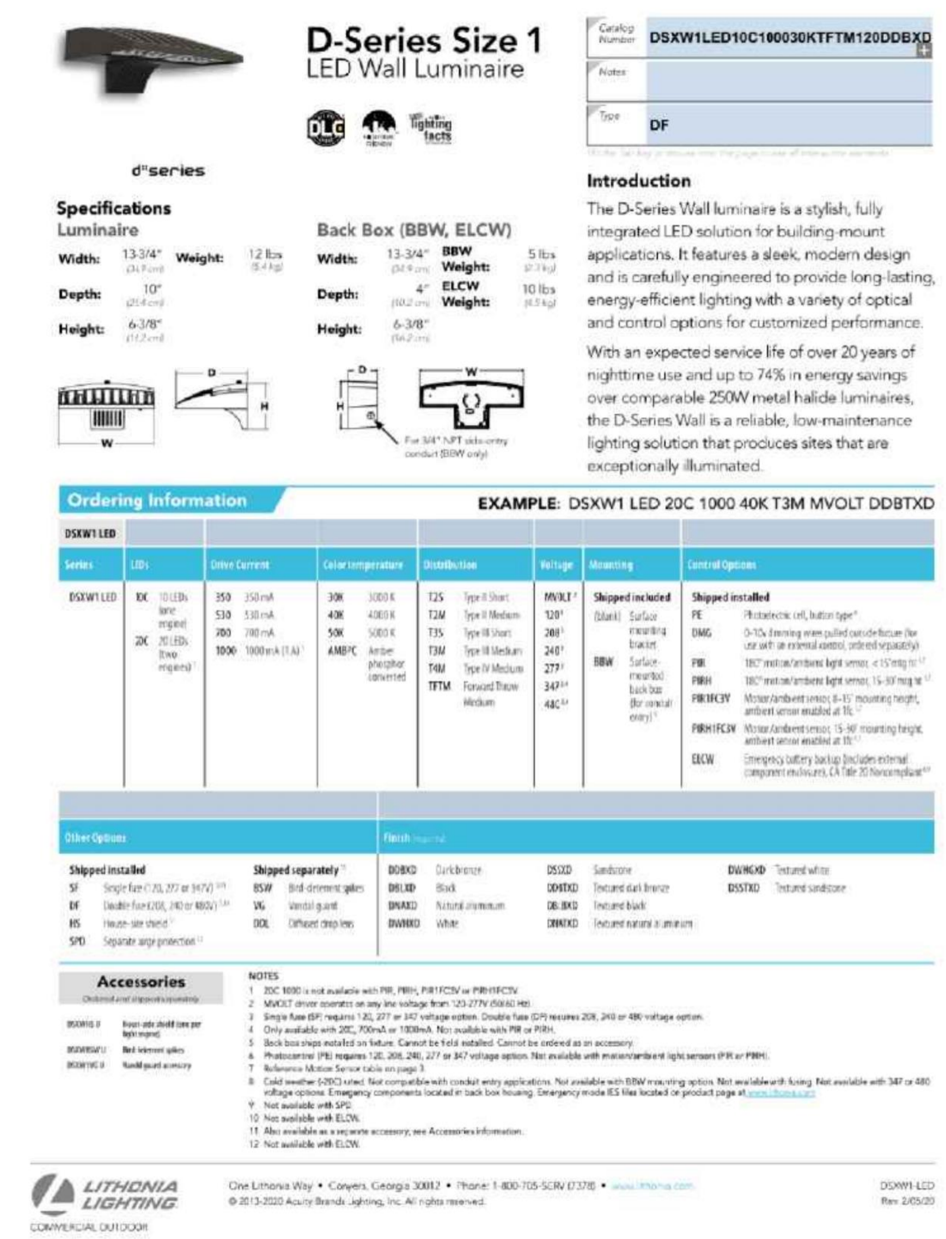
MAX HEIGHT OF POLE MOUNTED FIXTURES, WITH BASE, SHALL NOT EXCEED 20'

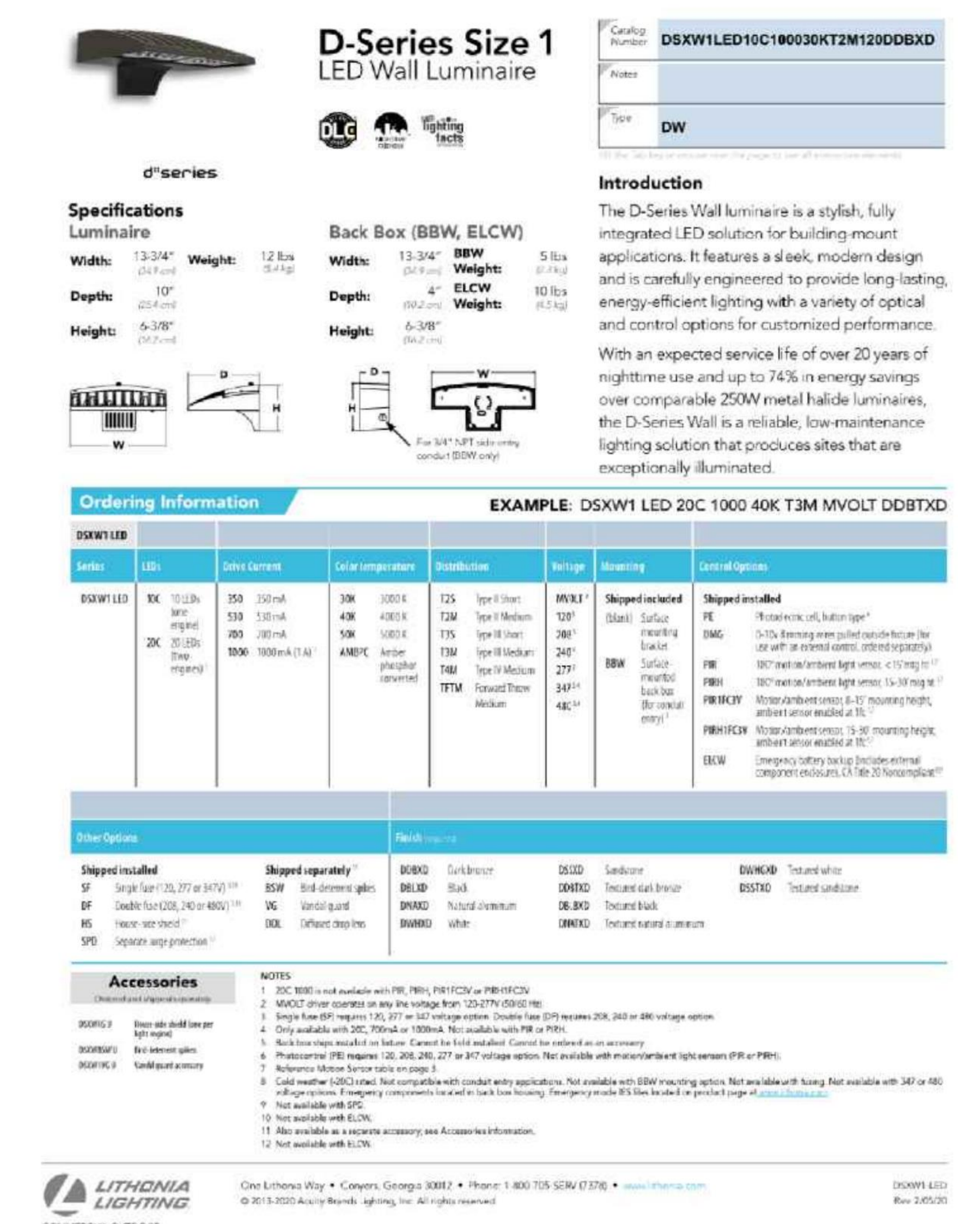
## NOTES:

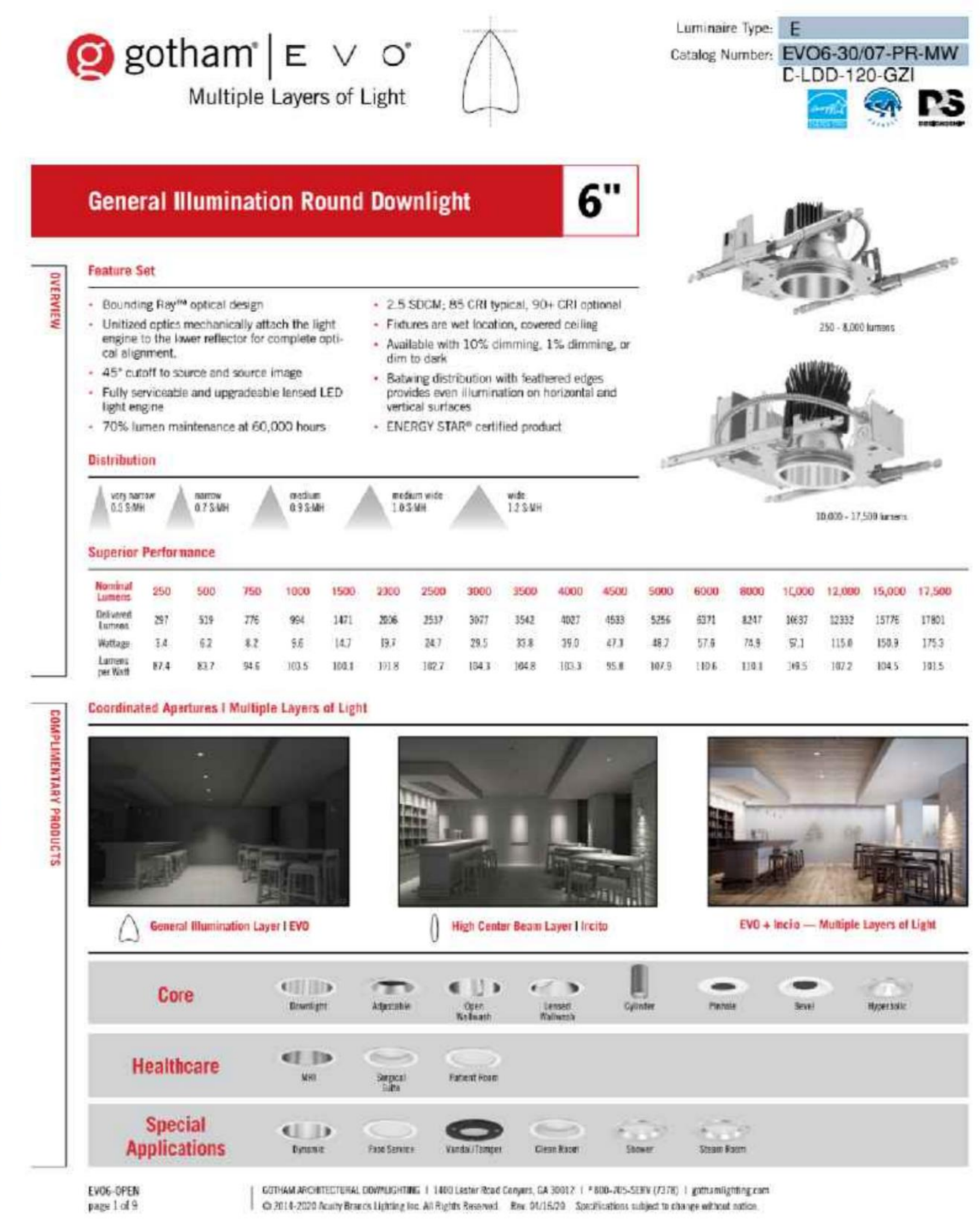
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**01 SITE PHOTOMETRIC PLAN**
SCALE: 1:20




# EXTERIOR LIGHT FIXTURE SCHEDULE

| FIXT. TAG | DESCRIPTION | MANUFACT. | CATALOG NUMBER | LAMP | BALLAST | VOLTAGE | WATTS | MOUNTING | LUMEN OUTPUT | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| DF | LED WALL PACK - FORWARD THROW | LITHONIA | DSXW1 LED 10C 1000 30K TFTM 120 DDBXD | 39W LED 3000K | INCLUDED | 120 | 39 | SURFACE MOUNTED ON WALL | 3,673 | |
| DW | LED WALL PACK - WIDE DISTRIBUTION | LITHONIA | DSXW1 LED 10C 1000 30K T2M 120 DDBXD | 39W LED 3000K | INCLUDED | 120 | 39 | SURFACE MOUNTED ON WALL | 3,512 | |
| E2 | LED DOWNLIGHT | GOTHAM | EVO6-30/07-PR-MWD-LSS-120-GZ1 | 14.7W LED 3000K | INCLUDED | 120 | 15 | RECESSED | 750 | |
| QHS | LED POLE LIGHT | LITHONIA | KAD LED 30C 1000 30K R4 208 HS | 108W LED 3000K | INCLUDED | 208 | 108 | POLE MOUNTED @ 20'-0" | 8,392 | |

NORTH
TRUE

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| NO. | REVISION | DATE |
|---|---|---|
| 1 | CITY COMMENTS | 08/24/2021 |
| 2 | SITE UPDATE | 10/20/2021 |

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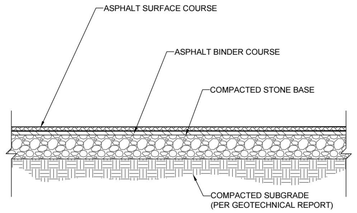
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**1636 SEMINOLE TRAIL**
**ALBEMARLE COUNTY**
**CHARLOTTESVILLE, VA**
**22901**

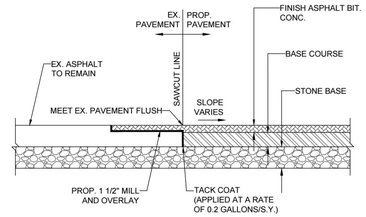
STORE NUMBER: VAC 12457
PROJECT MANAGER:
PREPARED BY:
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FAX:(816) 997-9602
DRAWN BY: RMC

SHEET TITLE: SITE PHOTOMETRIC PLAN
DATE: MAY 2021

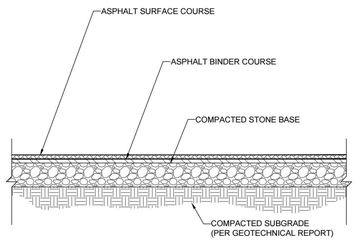
SHEET NUMBER: C-704



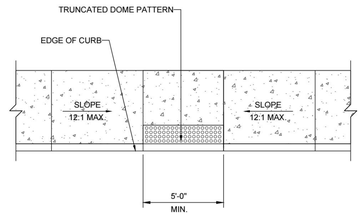

## HEAVY DUTY ASPHALT PAVEMENT SECTION
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## PAVEMENT WIDENING DETAIL
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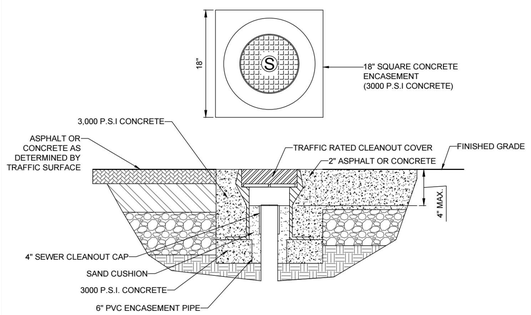



## STANDARD DUTY ASPHALT PAVEMENT SECTION
NOT TO SCALE

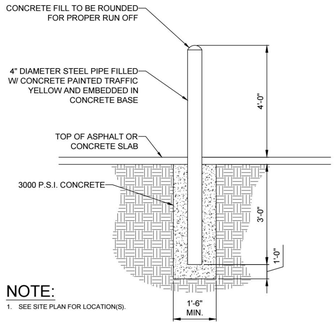



NOTE:
ADA ACCESSIBLE RAMP CONSTRUCTION SHALL CONFORM TO CURRENT ADA ACCESSIBLE GUIDELINES.

## ADA ACCESSIBLE RAMP DETAIL
NOT TO SCALE

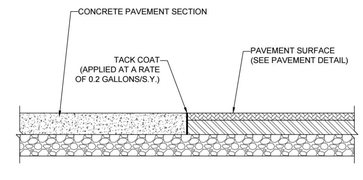



## TRAFFIC RATED CLEANOUT DETAIL
NOT TO SCALE

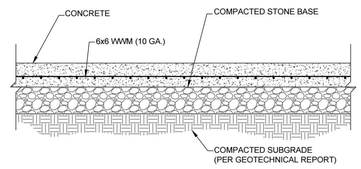



NOTE:
1. SEE SITE PLAN FOR LOCATION(S).

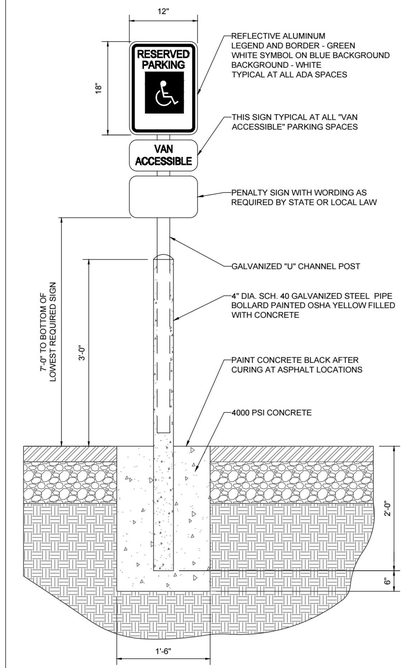
## BOLLARD DETAIL
NOT TO SCALE




## CONCRETE-TO-ASPHALT DETAIL
NOT TO SCALE

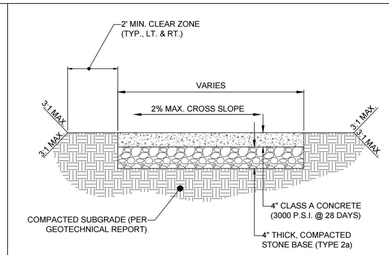



## STANDARD DUTY CONCRETE SECTION
NOT TO SCALE




NOTE:
ONE AT EACH ADA SPACE. WHERE ADA SPACES FACE EACH OTHER WITHOUT WALKWAY, THERE SHALL BE ONE POST WITH SIGNS MOUNTED BOTH SIDES

## BOLLARD MOUNTED ADA PARKING SIGN DETAIL
NOT TO SCALE




NOTE:
1. EXPANSION JOINTS 1/2" WIDE PREMOLDED BIT. MATERIAL SHALL BE INSTALLED AT 30' INTERVALS, CRACK CONTROL JOINTS TO BE SPACED AT INTERVALS EQUAL TO SIDEWALK WIDTH.

## CONCRETE SIDEWALK DETAIL
NOT TO SCALE

NOTES:

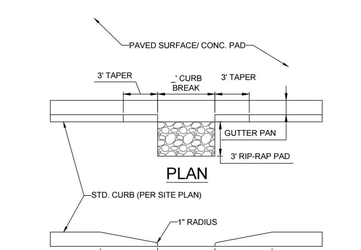
1. CONTRACTOR TO INSTALL CURB AND GUTTER AT ELEVATION OF EXISTING PAVEMENT (ELEVATION AT EDGE OF GUTTER PAN MATCHES ELEVATION AT EXISTING PAVEMENT, UNLESS PLANS AND/OR SCHEMATICS INDICATE DIFFERENTLY.

2. CONTRACTOR TO PROVIDE GUTTER PANS (COLLECTOR/SPILL) PER GRADING PLAN. SHADED GUTTER PAN REPRESENTS FULL SPILL SECTION. NON-SHADED IS COLLECTOR. CONTRACTOR TO PROVIDE 3 FOOT TRANSITIONS BETWEEN SPILL AND COLLECTOR SECTIONS.

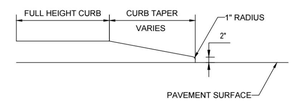
3. PLAN INTENT IS TO PROVIDE A MINIMUM SLOPE OF 0.50% ALONG COLLECTOR CURB. IF FIELD CONDITIONS AND/OR PLAN REPRESENTATION DOES NOT PROVIDE MINIMUM SLOPE REQUIREMENTS, CONTRACTOR IS TO CONTACT ENGINEER PRIOR TO POURING CURB AND GUTTER. BOHLER SHALL BE HELD HARMLESS FOR ANY CURB AND GUTTER POURED THAT DOES NOT MEET MINIMUM REQUIREMENTS.

4. IN THOSE SITUATIONS WHERE RE-GRADING OF PARKING AND PAVEMENT REMOVAL IS NECESSARY (SEE EXAMPLE 2), THE CONTRACTOR IS TO VERIFY THAT THE RESULTANT GRADIENT AT THE HIGH SIDE OF THE ISLAND PROVIDES 1% PAVEMENT SLOPE, PER PLAN INTENT.

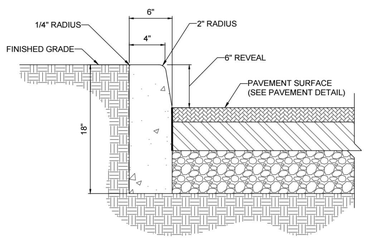
5. IN ISLANDS WHERE FLUMES ARE INDICATED, THE CONTRACTOR SHALL PROVIDE A FLAT BOTTOMED FLUME AT THE SPECIFIED WIDTH. MINIMUM FLUME SLOPE SHALL BE 0.50%.




## CURB BREAK DETAIL
NOT TO SCALE

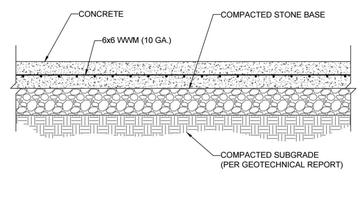



## CURB TAPER DETAIL
NOT TO SCALE




NOTES:
1. EXPANSION JOINTS TO BE INSTALLED AT 20' INTERVALS.
2. THIS ITEM MAY BE PRECAST OR CAST IN PLACE.
3. CONCRETE TO BE CLASS A3 IF CAST IN PLACE OR 4000 P.S.I. IF PRECAST.

## HEADER CURB DETAIL
NOT TO SCALE




## HEAVY DUTY CONCRETE SECTION
NOT TO SCALE

BOHLER
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LAND SURVEYING
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LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN
PERMITTING SERVICES
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| **PROJECT No.:** | V211201 |
| **DRAWN BY:** | DSH |
| **CHECKED BY:** | RTY |
| **DATE:** | 10/22/2021 |
| **CAD I.D.:** | CNDS -0 |

PROJECT:

**SITE PLAN DOCUMENTS**

FOR

DISCOUNT TIRE

PROPOSED LOCATION

1636 SEMINOLE TRAIL
ALBERMARLE COUNTY
CHARLOTTESVILLE, VIRGINIA 22901

BOHLER
28 BLACKWELL PARK LANE, SUITE 201
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VA@BohlerEng.com

COMMONWEALTH OF VIRGINIA
RYAN YAUGER
Lic. No. 0402056625
10/22/2021
PROFESSIONAL ENGINEER

SHEET TITLE:

**CONSTRUCTION DETAILS SHEET**

SHEET NUMBER:

C-901

ORG. DATE - 10/22/2021

Oct 22, 2021
H:\2021\V211201\CAD\DRAWINGS\PLAN SETS\FINAL SITE PLAN\V211201-CNDS-3----1-LAYOUT C-901 DETAILS 1
BOHLER

2016 ROAD & BRIDGE STANDARDS

WP-2




CONSTRUCTION JOINT DETAIL

REMOVE EXISTING ASPHALT LAYERS TO EXISTING SUBBASE AND REPLACE WITH PROPOSED ASPHALT WIDENING LAYERS

PROPOSED MINIMUM 1½ INCH THICK ASPHALT SURFACE COURSE (SEE NOTE 5)

* MINIMUM 12 INCHES, OR GREATER AS NECESSARY TO ADJUST THE FULL THICKNESS OF EXISTING ASPHALT LAYERS AS DETERMINED BY CORES (SEE NOTE 3)

**NOTES:**

1. ASPHALT PAVEMENT WIDENING SHALL HAVE A PAVEMENT DESIGN IN ACCORDANCE WITH CURRENT VDOT PROCEDURES AND BE APPROVED BY THE ENGINEER.
2. THE PAVEMENT DESIGN FOR ASPHALT PAVEMENT WIDENING SHALL MEET OR EXCEED THE DEPTHS AND TYPES OF THE LAYERS OF EXISTING PAVEMENT. SUBGRADE DRAINAGE OF THE EXISTING AND PROPOSED PAVEMENT SHALL BE ADDRESSED IN THE PAVEMENT DESIGN.
3. A MINIMUM OF THREE CORES SHALL BE TAKEN ALONG THE CENTER OF THE ADJACENT TRAVEL LANE TO DETERMINE THE TYPE AND THICKNESS OF EXISTING PAVEMENT LAYERS. THESE CORES SHALL BE SPACED NO MORE THAN 500 FEET APART.
4. THE ADJACENT TRAVEL LANE SHALL BE MILLED A MINIMUM DEPTH OF 1½ INCHES AND REPLACED WITH AN ASPHALT SURFACE COURSE TO MATCH THE PROPOSED PAVEMENT WIDENING SURFACE COURSE, UNLESS WAIVED BY THE ENGINEER.
5. THE ENGINEER MAY REQUIRE THE MILLING DEPTH OF THE EXISTING PAVEMENT TO BE ADJUSTED TO ACHIEVE AN ACCEPTABLE PAVEMENT CROSS-SLOPE AND EFFECTIVE SURFACE DRAINAGE.
6. EXISTING PAVEMENT MARKINGS AND MARKERS WITHIN THE PROJECT LIMITS SHALL BE RESTORED SUBJECT TO THE APPROVAL OF THE ENGINEER.
7. FINAL TRANSVERSE PAVEMENT TIE-IN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 315 OF THE SPECIFICATIONS EXCEPT THAT ALL JOINTS AND LOCATIONS SHALL BE TESTED USING A 10 FOOT STRAIGHTEDGE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 315 OF THE SPECIFICATIONS.

| VDOT ROAD AND BRIDGE STANDARDS | | ASPHALT PAVEMENT WIDENING FOR WIDENING SUBJECT TO TRAFFIC VIRGINIA DEPARTMENT OF TRANSPORTATION | SPECIFICATION REFERENCE |
|---|---|---|---|
| SHEET 1 OF 1 | REVISION DATE | | 315 |
| 303.02 | | | |

2016 ROAD & BRIDGE STANDARDS

BOHLER

SITE CIVIL AND CONSULTING ENGINEERING
LAND SURVEYING
PROGRAM MANAGEMENT
LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN
PERMITTING SERVICES
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CHARLOTTESVILLE, VIRGINIA 22901

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COMMONWEALTH OF VIRGINIA
RYAN YAUGER
Lic. No. 0402056625
10/22/2021
PROFESSIONAL ENGINEER

SHEET TITLE:

***CONSTRUCTION DETAILS SHEET***

SHEET NUMBER:

C-902

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