

Case File / Name: ASR-0045-2020 DSLC - Brier Creek Land Bay U2

 LOCATION:
 The site is generally located on the north side of Collingdale Way, west of the intersection of Collingdale Way and Auldbury Way, with a common street address of 9506 Collingdale Way.

 REQUEST:
 Development of two apartment buildings containing approximately 47,060 gross square feet and 46 dwelling units combined. The subject property is approximately 6.5 acres zoned R-10.

 DESIGN
 ADJUSTMENT(S)/

 ALTERNATES, ETC:
 N/A

FINDINGS: City Administration finds that this request, with the below conditions of approval being met, conforms to the Unified Development Ordinance. This approval is based on a preliminary plan dated February 18, 2022 by McAdams.

CONDITIONS OF APPROVAL and NEXT STEPS:

This document must be applied to the second sheet of all future submittals except for final plats. This is a preliminary plan and as such no permits have been issued with this approval. To obtain permits and/or completion of the project, the following steps are required:

☑ <u>SITE PERMITTING REVIEW</u> - For land disturbance of 12,000 square feet or greater, public or private infrastructure, shared stormwater devices, etc. Site Permitting Review may be submitted upon receipt of this signed approval document.

The following items are required prior to approval of Site Permitting Review plans:

General

- 1. Demonstrate compliance with UDO Section 7.4 (Site Lighting).
- 2. Demonstrate compliance with the maximum building height of 3 stories not to exceed 45 feet (UDO Section 2.2.4.D1 Height).
- 3. Update the BOA variance approval date provided on the plan set; according to the meeting minutes, the variance requested were considered and approved at the April 19, 2021 BOA meeting, and the variance approval document was signed on May 10, 2021.

Public Utilities

- 4. A Downstream Sewer Capacity Study in compliance with the City of Raleigh Public Utilities Department Handbook shall be submitted by the Project Engineer for review and approval.
- 5. All Raleigh Water recommendations associated with ASR approval shall be incorporated into SPR design

Stormwater



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- 6. The State of North Carolina shall approve any proposed disturbance within the riparian buffer prior to the issuance of any grading or site permit (UDO 9.2.3.E).
- 7. A nitrogen offset payment must be made to a qualifying mitigation bank (UDO 9.2.2.B).
- 8. A surety equal to of the cost of clearing, grubbing and reseeding a site, shall be paid to the City (UDO 9.4.4).
- 9. A stormwater control plan with a stormwater operations and maintenance manual and budget shall be approved (UDO 9.2).

Urban Forestry

- 10. Submit a final tree conservation plan that includes metes and bounds descriptions of all tree conservation areas and tree protection fencing as required (UDO 9.1.5).
- 11. Tree protection fence must be inspected by Urban Forestry staff prior to the issuance of a grading permit.

☑ **LEGAL DOCUMENTS** - Email to legaldocumentreview@raleighnc.gov. Legal documents must be approved, executed, and recorded prior to or in conjunction with the recorded plat on which the associated easements are shown. Copies of recorded documents must be returned to the City within one business day of recording to avoid withholding of further permit issuance.

Ø	Cross Access Agreements Required
Ø	Public Access Deed of Easement Required

Ø	Slope Easement Deed of Easement Required

☑ **<u>RECORDED MAP(S)</u>** - Submit plat to record new property lines, easements, tree conservation areas, etc.). Plats may be submitted for review when the Site Permitting Review plans, if required, have been deemed ready for mylar signature.

The following items must be approved prior to recording the plat:

Engineering

1. A cross access agreement among the lots identified as PINs 0758654777 and 0758666274 shall be approved by the Development Services Department for recording in the Wake County Registry, and a copy of the recorded offer of cross access easement shall be returned to the Development Services Department within one day of plat recordation. If a recorded copy of the document is not provided within this time, further recordings and building permit issuance will be withheld.



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- 2. A slope easement deed of easement, in addition to a plat showing the location of the easement, shall be submitted to the Planning and Development Services Department for review, and if acceptable, approved for recordation. Approved plats must be recorded at the Wake County Register of Deeds Office on or before the 14th day following approval by the City. The 14-day expiration date shall be clearly indicated on the plat. By the end of the next business day following recordation of the plat, all required legal instruments (including deeds of easement) shall be recorded, and recorded copies of the plat and all legal instruments required by the City in association with development approval shall be provided to the City. (Reference: UDO 8.1.7.A; 10.2.5.F.4.d)
- 3. A public access deed of easement, in addition to a plat showing the location of the easement, shall be submitted to the Planning and Development Services Department for review, and if acceptable, approved for recordation. Approved plats must be recorded at the Wake County Register of Deeds Office on or before the 14th day following approval by the City. The 14-day expiration date shall be clearly indicated on the plat. By the end of the next business day following recordation of the plat, all required legal instruments (including deeds of easement) shall be recorded, and recorded copies of the plat and all legal instruments required by the City in association with development approval shall be provided to the City. (Reference: UDO 8.1.7.A; 10.2.5.F.4.d)

Public Utilities

4. Infrastructure Construction Plans (concurrent submittal) must be approved by the City of Raleigh Public Utilities Department for all public water, public sewer and/or private sewer extensions.

☑ <u>BUILDING PERMITS</u> - For buildings and structures shown on the approved plans. Commercial building permit plans must include the signed, approved Site Permitting Review plans attached, if applicable. Permit sets may be reviewed prior to the recordation of required plats, but cannot be approved.

The following items must be approved prior to the issuance of building permits:

General

1. Street names for this development shall be approved by the Raleigh GIS Division and by Wake County.

Public Utilities

2. A plat must be recorded at the Wake County Register of Deeds office for all utility easement dedications.

Stormwater

3. Permanent protected undisturbed open space (PPUOS) area used for reduced nitrogen loading export must be recorded and fenced per UDO 9.2.2.F

Urban Forestry



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4. A tree conservation plat shall be recorded with metes and bounds showing the designated tree conservation areas (UDO 9.1). This development proposes 0.238 acres of tree conservation area

The following are required prior to issuance of building occupancy permit:

General

- 1. Final inspection of all tree conservation areas by Urban Forestry Staff.
- Outfall A shall be inspected, tested and accepted by the City of Raleigh Public Utilities Department for operations and maintenance

EXPIRATION DATES: The expiration provisions of UDO Section 10.2.8 E, including the ability to request extensions in the expiration date, apply to this site plan. If significant construction has not taken place on a project after administrative site review approval, that approval may expire and be declared void, requiring re-approval before permits may be issued. To avoid allowing this plan approval to expire the following must take place by the following dates:

3-Year Expiration Date: August 4, 2025

Obtain a valid building permit for the total area of the project, or a phase of the project.

4-Year Completion Date:

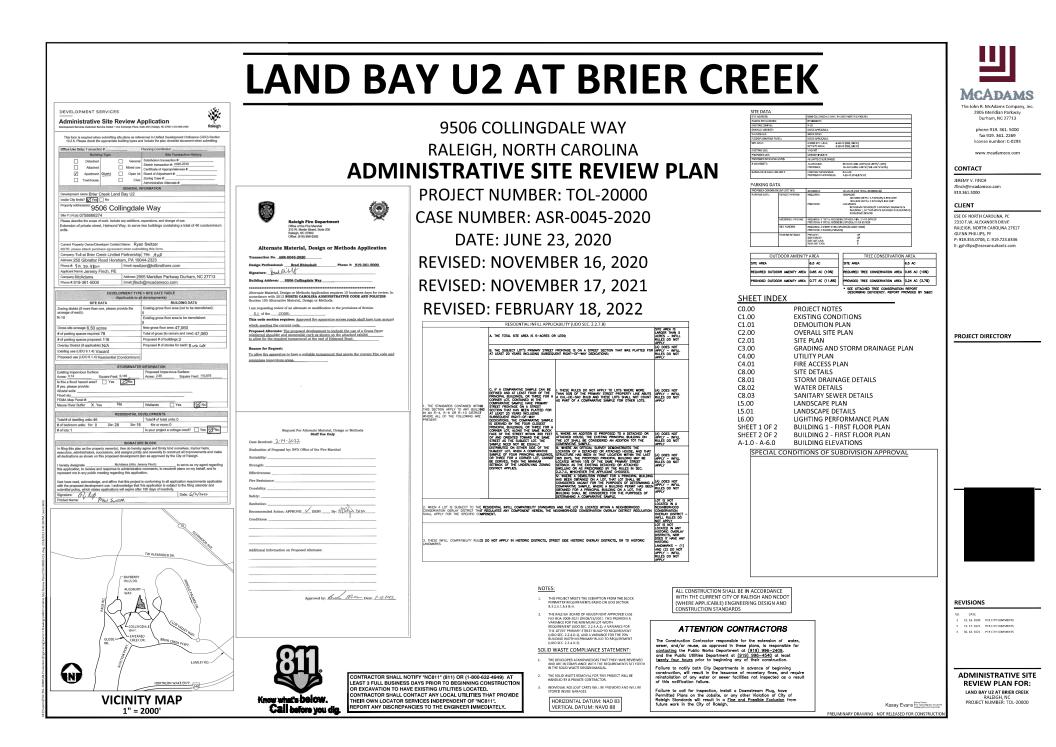
Within four years after issuance of the first building permit for the site plan, the construction of the entire site plan must be completed unless an applicant has been granted vested rights. Failure to complete construction within this specified time frame shall automatically void the approved site plan for which no building permits have been issued.

I hereby certify this administrative decision.

Bailey Taylor Development Services Dir/Designee Signed:

Staff Coordinator: Kasey Evans

04/07/2022 Date:



SITE PLAN NOTES

- MOKALLEY LOADED BRITINGHY MAY INTERSEET A STREET YOL DOOR THAN SOLVER TAMA THE INTERSECTION OF TWO STREET BRIT 15 MARKS, THE INSINKA ORIGINE LOADARGE FOR US AND INFO TO BOG OF ANY MANNET OF MUSTISSET STREET BRIT 15 MARKS, THE INSINKA ORIGINE LOADARGE FOR US AND INFO TO BOG OF ANY THE TRANSMIT OF MUSTISSET BRIT 15 MARKS, THE INSINKA ORIGINE AND INFO THE AND INFO THE OF ANY MAIN TO FUTISSET STREET BRIT 15 MARKS, MANDE FERS TRANSMITT, THE MANDE OF THE MUSTISSE OF ANY THE TRANSMIT OF MUSTISSET BRITTLATER, MANDE HER TO SECTION 65 OF THE LATEST VERSION OF THE MUSIER STREET DISGONATION FOR ADDITIONAL DEVINES.
- RIGHT-OF-WAY SHALL BE CLEARED AND GRUBBED WITHIN 50' OF ALL MINOR RESIDENTIAL, RESIDENTIAL, AND RESIDENTIAL COLLECTOR INTERSECTIONS. THE FULL LENGTH OF THE RIGHT-OF-WAY SHALL BE CLEARED AND GRADED ALLONG ALL MAJOR MINOR. & SINSTIYK AREA THOROUGHHARES.
- WITHIN THE AREA SETURD SHOPT TEMANDISES SHOWN ON THISE PLANS, THERE SHALL BLO SOLITI OBSTRUCTING OR PARTIVE OBSTRUCTING WALL FIRSE, SERVICIDADE SHAW, OR PARED VERICES STRUKEN THE HORISTO SF AN OLD SHO DE HETT ARONG THE CURB LINE ELEVATION OR THE REAREST TRAVEL WHY IF NO CURB LINE EXSTS. REFER TO SECTION 6.12 OF THE LATEST VERSION OF THE RADIEST SHARE DESIGN MANAUAL FOR ADDITIONAL DETAILS.
- MULTIWAY STOP CONTROL WILL NOT BE USED AT ANY PUBLIC STREET INTERSECTION WITHOUT AN ENGINEERING STUDY TO PROVIDE DATA TO CITY OF RALEIGH TRANSPORTATION DIVISION THAT THE MULTIWAY STOP INSTALLATION WARRANTS CAN BE MEEL AND ORDINANCED BY CITY COUNCIL, APPROVAL.
- 5. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST CITY OF RALEIGH AND/OR NCDOT STANDARDS AND SPECIFICATIONS AS APPLICABLE.
- 6. ALL DIMENSIONS SHOWN ON SITE PLAN ARE MEASURED TO BACK OF CURB UNLESS OTHERWISE NOTED
- CONTRACTOR SHALL MAINTAIN AN "AS-BULL" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCRAINENT, DRAWINGS SHALL BE GIVEN TO THE ENGINEER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LICTRY TO THE OWNER.
- EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED/RESTORED TO THEIR ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER, BY THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE.
- THE CONTRACTOR SHALL NOTE THAT THE DRAWINGS MAY NOT SHOW EVERY OFFSET, TRANSITION, FITTING, ETC. THAT MAY BE REQUIRED. THE CONTRACTOR SHALL INSTALL SUCH STANDARD APPLICTENANCES AS REQUIRED TO CLOSELY FOLLOW THE GRADES AND AUBMENTS DEPICTED ON THE PLANS.
- CONTRACTOR SHALL NOTIFY "WELL" (ELL) OR (= 480-652-649) AT LEATS FULL DISUBLES DAVE FRIDA TO BEDINING CONTRACTOR SHALL NOTIFY "WELL" (ELL) OR (= 480-652-649) AT LEATS FULL DISUBLES DAVE FRIDA CONTRACTOR SHALL DATACT BAY LOCAL UTUITIES THAT PROVIDE THER OWN LOCATOR SERVICES INDEPENDENT OF "WELL", REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
- 11. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE UTILITY COMPANIES FOR ANY REQUIRED RELOCATIONS (I.E. POWER POLES, TELEPHONE PEDESTALS, WATER METERS, ETC.).
- 12. ALL BUMENDING AND GRADES SHOWN OF THE PLANES SHALL BE FILE VERIFIELD IT THE CONTRACTOR PRICE TO CONSTRUCTION. CONTRACTOR SHALL NOTITY THE CONTRELS IF AN INDERSEANCES DESIGNATION TO CONTRACTOR INFORMATION CONTRACTOR FOR A INDERSEANT FLAN DISCIDENCE CHANGES NO EXTRA CONVERSIANTION SHALL BE PAID TO CONTRACTOR FOR ANY WORK COME DUE TO DIMENSION OF GRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTITICATOR FOR ANY WORK COME DUE TO DIMENSION OF GRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTITICATOR FOR ANY OWNER COME DUE TO DIMENSION OF GRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTITICATOR FOR ANY OWNER COME DUE TO DIMENSION OF GRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTITICATOR FOR ANY OWNER COME DUE TO DIMENSION OF GRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTITICATOR FOR ANY OWNER COME DUE TO DIMENSION OF GRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTITICATOR FOR ANY OWNER COME DUE TO DIMENSION OF GRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTITICATOR FOR ANY OWNER COME DUE TO DIMENSION OF GRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTITICATOR FOR ANY OWNER COME DUE TO DIMENSION OF GRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTITICATOR FOR ANY OWNER TO BE THE CONTRACTOR OF GRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTITICATOR FOR ANY OWNER TO BE THE CONTRACTOR FOR ANY OWNER FLANES TESCH NOTICE TO DIMENSION OF GRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTICE TO DIMENSION OF BRADES SHOWN INCORRECT ON OTHER FLANES TESCH NOTICE TO DIMENSION OF BRADES TO DIMENSION FLANES TESCH NOTICE TO DIMENSION OF BRADES TO DIMENSION FLANES TESCH NOTICE TO DIMENSION OF BRADES TO DIMENSION FLANES TESCH NOTICE TO DIMENSION OF BRADES TO DIMENSION FLANES TESCH NOTICE TO DIMENSION OF BRADES TO DIMENSION FLANES TESCH NOTICE TESCH NOTICE TESCH NOTICE TO DIMENSION FLANES TESCH NOTICE
- 13. ACCESSIBLE RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF RALEISH UNIFIED DEVELOPMENT ORDINANCE IUDO) DETAILS.
- TYPICAL PAVEMENT SECTION DETAILS ARE SHOWN WITHIN THIS SET AND INTENDED TO BE A MINIMUM PAVEMENT SECTION REQUIREMENT, THE CURRENT GEOTECHNICAL REPORT SHALL OVER-RIDE ALL TYPICAL PAVEMENT SECTIONS SHOWN, IF THE GEOTECHNICAL ENGINEER DEMON A HEAVIES SECTION IS REQUIRED.
- 16. EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE LISED PROVIDED APPROVAL HAS BEEN OBTAINED FROM THE DWIKER IN WRITING PRIOR TO CHORING OR INSTALLATION. THE CONTRACTOR SHALL WAIVE ANY CLAIM FOR ADDITIONAL COST REATED TO SUBSTITUTION OF ALTERNATE EQUIPMENT.
- IF UNFORESEEN CONDITIONS DEVELOP DURING CONSTRUCTION, REFER TO THE LATEST VERSION OF THE RALEIGH STREET DESIGN MANUAL AND CONTACT PUBLIC WORKS STAFF FOR FURTHER GUIDANCE. 18. ALL SIGNAGE ASSOCIATED WITH THE PUBLIC STREET SYSTEM SHALL ADHERE TO MUTCO STANDARDS AND SPECIFICATIONS
- ANY TRANSIT STOP LOCATIONS SHOWN ARE PRELIMINARY ONLY. FINAL LOCATION SHALL BE DETERMINED ONCE THE CITY OF RALENGH TRANSIT ROUTE HAS BEEN FINALIZED. ALL TRANSIT STOPS SHALL HAVE A 10'x20'x6'' (3000 PSI) CONCRETE PAD.

STORM DRAINAGE NOTES

- ALS TORM DRAINAGE PRESSIONNE SHALL & ERREVECTED COLRECT [REP] (NMINIMUM CASS III) UNLESS NOTO OTHERWISE, CONTRACTOR TO CORDINATE WITH THE GEOTECH TO VERY TY THE OF REDUKE REQUIRED DASD ON SOUL CONTITIONS, CONTRACTOR TO SULECT REQUIRED CLASS OF PRE BASED ON OHEPTH OF PIPE AND BEDDING PROVIDED PRE TH AMERICAN CONCERTE PIPE ASSOCIATION GUIDDLINES.
- 2. ALL STORM DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RALEIGH STANDARDS
- 3. ALL CONCRETE SHALL MEET A MINIMUM 3000 PSI COMPRESSIVE STRENGTH.
- 4 ALL PIPE IN STORM DRAIN STRUCTURES SHALL BE STRUCK EVEN WITH INSIDE WALL.
- ALL PIPE JOINTS SHALL BE MADE WITH PREFORMED JOINT SEALER, WHICH CONFORMS TO AASHTO SPECIFICATION M-198 FOR TYPE B FLEXIBLE PLASTIC GASKETS UNLESS OTHERWISE NOTED.
- 6. THE INTERIOR SURFACES OF ALL STORM DRAINAGE STRUCTURES SHALL BE POINTED UP AND SMOOTHED TO AN ACCEPTABLE STANDARD, USING MORTAR MIXED TO MANUFACTURER'S SPECIFICATIONS.
- ALL BACKFILL SHALL BE NON-PLASTIC IN NATURE, FREE FROM ROOTS, VEGETATION MATTER, WASTE CONSTRUCTION MATERIAL OR OTHER OBJECTIONABLE INVITIRIAL, SAUD MATERIAL BE CAPABLE OF BEING COMPACTED BY MICHANICAL MARKS AND SHALL HAVE NO TROBECYT OF LOVO OR BEHAVE IN A PLASTIC MANNER UNDER THE TAMINING BLOWS OR PROOF ROLLING.
- 8. MATERIALS DEEMED BY THE OWNER'S REPRESENTATIVE OR GEOTECH AS UNSUITABLE FOR BACKFILL PURPOSES SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL.
- BACKPRLING OF TRENCHS SHALL BE ACCOMPUSHED IMMEDIATELY AFTER PIPE IS LAID. THE FILL AROUND THE PIPE SHALL BE THOROUGHY COMPACTED TO \$5 % OF THE MAXIMUM DRIV DISSITY OBTAINABLE WITH THE STANDARD PROCTOR TEST. THE TOP EMPT (B) INVEST SHALL BE COMPACTED TO 100 PRECENT STANDARD PROCTOR. 10. UNDER NO ORCUMSTANCES SHALL WATER BE ALLOWED TO RISE IN UNBACKFILLED TRENCHES AFTER PIPE HAS BEEN PLACED
- 11. ALL CONCRETE PIPE AND PRECAST STORM STRUCTURES SHALL MEET NODOT STANDARDS BY MANUFACTURER
- 12. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL PIPE AND STRUCTURES FOR CRACKS OR BREAKS, PRIOR TO INSTALLATION. ANY DANAGED ITEMS SHALL NOT BE INSTALLED. 13. 'KNOCK-OUT" BOXES OR HOPE PIPE SHALL NOT BE ALLOWED WITHIN PUBLIC RIGHT-OF-WAYS UNLESS APPROVED IN WRITING BE CITY OF RALEIGH STORMWATER DEPARTMENT.

RETAINING WALL NOTES

- THE BETAINING WALL ALIGNMENT SHOWN ON THESE PLANS DEPICTS THE LOCATION OF THE FRONT FACE OF THE RETA WALL AT THE FOR OF THE WALL. THE CONTRACTOR SERSEMINIE FOR ENSIGNE BETAINING WALLS ARE NOT LOCAT STREAM BUIFTERS, AND THEIR CONSTRUCTION DOES NOT ENCROACH INTO ANY ADJACENT PROPERTIES DUE TO ANY BA INCORDINATED IN THE DISION OF THE WALLS.
- RETAINING WALLS ARE TO BE DESIGN BUILD PRDJECTS BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN FINAL CONSTRUCTION DRAWINGS FROM A REGISTERED ENGINEER AND GAIN ALL REQUIRED PERMITS NECESSARY FOR THE CONSTRUCTION OF THE RETAINING WALLS.
- RETAINING WALLS SHALL BE ASSUMED TO BE BACKFILED WITH OFF-SITE BORROW MATERIAL OR PROCESSED FILL UNLESS THE CONTRACTOR CAN PROVIDE TO THE OWNER WITH CONFIRMATION FROM THE GOETCENNCAL ENGINEER AND THE RETAINING WALL DESIGNEET THAT READLY AVAILABLE ON SITE SOLIS CAN BE USED.
- THE TOP AND BOTTOM OF WALL ELEVATIONS SHOWN ON THESE PLANS IDENTIFY FINISHED GRADE ELEVATIONS ONLY. THE EXTENT THAT THE RETAINING WALL WILL BE EXTENDED BELIOW GRADE TO THE FOOTING OR ABOVE GRADE TO THE TOP OF THE CAP BLOCK CONCES SHALL BE IDENTIFIED ON THE RETAINING WALL DONSTRUCTION DRAWINGS.
- 5. ALL RETAINING WALLS OVER 30" HIGH SHALL HAVE A SAFETY FENCE (DESIGN BY OTHERS).
- ANY PART OF ANY RETAINING WALL THAT EXTENDS INTO THE RIGHT-OF-WAY WLL REQUIRE AN ENCROACHMENT AGREEMENT: ENCROACHMENT AGREEMENTS FOR RETAINING WALLS SHALL BE APPROVED PRIOR TO CONSTRUCTION DRAWING APPROVAL. 7 ANY TIEBACK SYSTEMS FOR THE RETAINING WALLS SHALL NOT BE ALLOWED WITHIN PUBLIC RIGHT-OF-WAY.
- 8. STORMWATER RUN-OFF SHALL BE DRECTED AWAY FROM RETAINING WALLS. ANY RUN-OFF FLOWING TO AND OVER A RETAINING WALLSHALL BE KEPT TO AN ABSOLUTE MINIMUM AND BROUGHT TO THE ATTENTION OF THE WALL DESIGNER PRIOR TO THEIR DESIGN.

CITY OF RALEIGH PUBLIC UTILITIES

- STANDARD UTILITY NOTES (AS APPLICABLE) ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS REFERENCE: CORPUS HANDROOK, CURRENT EDITION.
- 2. UTILITY SEPARATION REQUIREMENTS: a) A DISTALLED FLOOR SHALL BE LARKTONED BETWEEN SANTARY SERVER A ANY ROYART OR RUBLE WATER SUPPLY SOURCE SUCH AS IN VIEWORDDID DESTROYING USED AS A SOURCE OF DIRKING WATER FLOOR AND THE SAND ROYARTS AND BE ACHIEVED, FERBOLS SANTARY SERVER IPP SHALL BE SPECIFIED A INSTALLED TO WATERING SPECIFICATIONS, HOWEVER, THE MINIMUM SEPARATION SHALL NOT BE LESS THAN 25 FRAM A REVIEW FALL ON AN A RUBLE WATE.
- WHEN INSTALLING WATER &/OR SERVER MAINS, THE HORIZONTAL SEPARATION BETWEEN UTILITIES SHALL BE 10°. IF THI SEPARATI DISON CANNOT BE MAIATAINED DUE TO DISTING CONDITIONS, THE VANATION ALLOWED IS THE WATER MANN SEPARATE TIENSKY WITH HE ELEVAND OF THE WATER MANN TE ISST 318 "ADARDED THE TOR OF THE SERVER'S MUST APPROVED BY THE FURKICUTION OF THE WATER MAINT ANY LESST 318" ADARDED THE TOR OF THE SERVER'S MUST ADARDETER.
- c) WHERE IT IS IMPOSSIBLE TO OBTAIN PROPER SEPARATION, OR ANYTIME A SAMITARY SEWER PASSES OVER A WATERMAIN, DIP MATERIALS OR STEEL ENCASEMENT EXTENDED 10' ON EACH SIDE OF CROSSING MUST BE SPECIFIED & INSTALLED TO WATERUIRE SPECIFICATIONS.
- d) 5.0' MINIMUM HORIZONTAL SEPARATION IS REQUIRED BETWEEN ALL SANITARY SEWER & STORM SEWER FACILITIES, UNLESS DIP MATERIAL IS SPECIFIED FOR SANITARY SEWER.
- c) MANITAIN 15⁶ MIN. VERTICAL SPARATION AT ALL WATERMAN & RCP STORM DRAIN CROSSINGS, MANITAIN 24⁶ MIN. VERTICAL SEVARATION AT ALL SWATERMAN & RCP STORM DRAIN CROSSINGS, WHERE ADIQUATE SEVARATIONS CANNOT BE ACHIVID, SPECPY DIP MATERMAS & CONCEPT: CRAILE HAVING 6⁶ MIN. CLEARANCE (PER COBULD DETAILS W41 & 64.40).
- ALL OTHER UNDERGROUND UTILITIES SHALL CROSS WATER & SEWER FACILITIES WITH 18" MIN, VERTICAL SEPARATION REQUIRED.
- ANY INCESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW & APPROVAL OF AN AMENDED PLAN &/OR PROFILE BY THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN CONTINUOUS WATER & SEWER SERVICE TO EXISTING RESIDENCES & BUSINESSES THROUGHOUT CONSTRUCTION OF PROJECT. ANY NECESSARY SERVICE INTERNUTIONS SHALL BE PRECEDED BY A 24 HOUR ADVANCE NOTICE TO THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT.
- 3.0' MINIMUM COVER IS REQUIRED ON ALL WATER MAINS & SEWER FORCEMAINS, 4.0' MINIMUM COVER IS REQUIRED ON ALL REUSE MAINS,
- 6. IT IS THE DEVELOPER'S RESPONSIBILITY TO ABANDON OR REMOVE DISTING WATER & SEWER SERVICES NOT BEING USED IN REDEVELOPMENT OF ASTE UNESS OTHERWISE DIRECTED BY THE CITY OF AUXIENT PUBLIC UTLITIS DEPARTMENT. THIS INCLUDES ABANDONING TOP AT MININ & REMOVAU, DE SERVICE FROM NOV OR EASTMENT PER CORPUS HANDORD PROCEDURE. INSTALL 3/4" COPPER WATER SERVICES WITH METERS LOCATED AT ROW OR WITHIN A 2'X2' WATERUNE EASEMENT IMMEDIATELY ADJACENT, NOTE: IT IS THE APPLICANT'S RESPONSIBILITY TO PROPERLY SIZE THE WATER SERVICE FOR EACH CONNECTION TO PROVIDE A OTGATE FLOW & PRESSURE.
- 8. INSTALL 4' SEWER SERVICES & 1.0% MINIMUM GRADE WITH CLEANOUTS LOCATED AT ROW OR EASEMENT LINE & SPACED EVERY 75 LINEAR FEET MAXIMUM.
- 24. MISSING REVENUES VALUES ARE REQUIRED ON ALL WARTS SERVICES DECEMBENT ANY MERIE SAMITARY SERVICES ARE SERVICES A REVENUES OF VALUES OF ALL REVENUES AND ANY ALL REVENUES OF VALUES AND ALL REVENUES AND CONTROL TO THE NEXT USE THE MANAGEMENT IN THE PROVIDE SUBJECT AND ALL REVENUES AND ALL REVENUES AND DESIGN OF THE NEXT USE SERVICE IN USE AND ANY ADVECTION OF VITAL AND THE DATA INFORMATION ANY THE ELEVATION OF THE MANHABILIC DATE OF THE NEXT UPSTREAM MARKING IN THE PROVIDED FOR LEVATION ANY THE ELEVATION OF THE MANHABILIC DATE OF THE NEXT UPSTREAM MARKING IN THE PROVIDE FOR DOTE LEVATION AND ANY THE ELEVATION OF THE MANHABILIC DATE OF THE NEXT UPSTREAM MARKING IN THE PROVIDE FOR DOTE LEVATION AND ANY THE ELEVATION OF THE MANHABILIC DATE OF THE NEXT UPSTREAM MARKING IN THE PROVIDE FOR DOTE LEVATION AND ANY THE ELEVATION OF THE MANHABILIC DATE OF THE NEXT UPSTREAM MARKING IN THE PROVIDE FOR DOTE LEVATION AND ANY THE ELEVATION OF THE MANHABILIC DATE OF THE NEXT UPSTREAM MARKING IN THE PROVIDE FOR DOTE LEVATION AND AND THE ELEVATION OF THE MANHABILIC DATE OF THE NEXT UPSTREAM MARKING IN THE PROVIDE FOR THE PROVIDE AND AND THE ELEVATION OF THE MANHABILIC DATE OF THE NEXT UPSTREAM MARKING IN THE PROVIDE FOR THE PROVIDE MARKING AND THE DATE OF THE NEXT UPSTREAM MARKING AND THE THE PUBLIC SERVERS SHALL NOT DEGRADARE THEOLOGY ADACCUMENT AND THE DATE OF THE NEXT UPSTREAM MARKING AND THE THE PUBLIC SERVERS SHALL NOT DEGRADARE THEOLOGY ADACCUMENT AND THE DATE OF THE NEXT UPSTREAM MARKING AND THE AND THE THE PUBLIC SERVERS SHALL NOT DEGRADARE THEOLOGY ADACCUMENT AND THE DATE OF THE NEXT OF THE DATE OF THE PUBLIC SERVERS SHALL NOT DEGRADARE THEOLOGY ADACCUMENT AND THE DATE OF THE DATE OF THE PUBLIC SERVERS AND THE DATE OF THE PUBLIC SERVERS SHALL NOT DEGRADARE THEOLOGY ADACCUMENT ANY THE DATE OF TH
- 25. ALL ENVIRONMENTAL PERMITS APPLICABLE TO THE PROJECT MUST BE OBTAINED FROM INCOMIQ, USACE &/OR FEMA FOR ANY RIPARIAN BUFFER, WETLAND &/OR FLOODPLAIN IMPACTS (RESPECTIVELY) PRIOR TO CONSTRUCTION.
- 26. NCDOT / RAILROAD ENCROACHMENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK (INCLUDING MAIN EXTENSIONS & SERVICE TAPS) WITHIN STATE OR RAILROAD KOW PRIOR TO CONSTRUCTION.
- . GREASE INTERCEPTOR / O L WATTR SEPARATOR SIZING CALCULATIONS & INSTALLATION SECURICATIONS SHALL BE APPROVED BY THE COMPUD TOC PROCEMAN COMBINATOR PROCE TO ISSUMNCE OF A BUILDING PERMIT. CONTACT STEPHEN CALVERLEY AT [519 256-2384 OF 37 EMPIL CALVERLEY PRALEMENCE OUT YOU MORE INFORMATION.
- 34. GODS COMING/ONE CONTICE, MONITORIA DI REGULTA DI

ADDITIONAL UTILITY NOTES

- ALL WATER MAINS, SERVICES AND FIRE SERVICES GREATER THAN 2" DIAMETER ARE TO BE DUCTLE IRON PIPE, 2" & SMALLER DOMESTIC SERVICES MUST BE TYPE K SOFT COPPER (WITHOUT FITTINGS) TO THE WATER METER.
- ALL SEWER MAINS SHALL BE EITHER P/C OR DUCTLE IRON PIPE AS SHOWN ON THE PLANS, ALL PIPE MATERIAL SHALL MEET CITY OF RALEISH STANDARDS AND SPECIFICATIONS AS DEFINED IN THE LATEST ISSUE OF THE PUBLIC UTILITIES HANDBOOK AND/OR UNIFIED DEVENDENTS ROBINANCE (UDD).
- 3. ALL FIRE HYDRANTS ALONG PUBLIC R/W LINES SHALL HAVE A 5'Wx5'L CITY OF RALEIGH WATERLINE EASEMENT ONTO ADJACENT
- 4. ALL SANTAY SEVER INTERCEPTOR I INST \$12" AND LARGERI, AS WELLAS MARINES AND HTTINGS ASSOCIATED INTERCEPTOR INS. SHALL BEITERNALLY LINED WITH FORCETOR AND GA APPROVED CALLY TO PREVENT HYDROC CORROSION, SEE THE CURRENT CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT HANDBOOK FOR APPROVED COA APPLICATION HETHIODS.
- IN ACCORDANCE WITH GENERAL STATUTE 87-121(6), ALL UNDERGROUND UTILITIES INSTALLED AFTER OCTOBER 1, 2014 SHALL BE ELECTRONICALLY LOCATABLE. CONTRACTOR SHALL COORDINATE DIRECTLY WITH THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT FOR DIATALS AND SPECIFICATIONS FOR MEETING THESE REQUIREMENTS.
- EXISTING UTILITIES SHOWN ARE BASED ON FIELD SURVEYS AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL VERIEY CONDITIONS PROB TO BEGINNING CONSTRUCTION. *ANY DISCREPANCES* BETWEEN ACTUAL HELD CONDITIONS AND THE PLANS SHALL BE REPORTED TO THE ENDINEEN IMMEDIATELY.
- ALL WATER AND SEWER MAINS WITHIN PUBLIC EASEMENTS OR RIGHTS-OF-WAY TO BE OWNED, OPERATED, AND MAINTAINED BY THE CITY OF RALEIGH. ALL WATER AND SEWER MAINS NOT WITHIN PUBLIC EASEMENTS OR RIGHTS-OF-WAY TO BE PRIVATELY OWNED, OPERATED, AND MAINTAINED BY THE INCORET? OWNER.
- 9. WHERE SAN TARY SERVICES ARE SERVING A BUILDING INSTALLED ON A ROOR WITH A FINGHED FLOOR ELEVATION BELOW THE ELEVATION OF THE MANH-INGL COVER OF THE REFU DISTRAMM NAMINDE IN THE PRUBLIC SERVER, SUCH RTURIES SHALL BE PROTECTION TO A ROWNITE WAY ENABLIANT IN HIS SIRVEY. LINE, MAINTARY SIRVEY OF SIRVER A BUILDING WITH A FUBBLED FLOOR ELEVATION ABOVE, THE ELEVATION OF THE MANUEL COVER OF THE NOT UPSTREAM MANHOLE IN THE PUBLIC SERVER SHALL NOT DISCUMENT HOUSEN A MANUAL HIM THE SIRVEY.
- CONTRACTOR SHALL ROTTIV TRESS." (BLD) OR L-BRO-22-249(3) AT LEAST 3 TULL BROMESS DMS FRANCE TO BEDANING CONSTRUCTION OF EXAMINATION TO HAVE DESTING UITTITIS LOCATED. CONTRACTOR SHALL CONTACT MOTOAL UITTITIS THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF INSEL*. REPORT ANY INSCREPANCES TO THE ENGINEER IMMINIORIET.
- 11. ALL UTILITY SLEEVES SHALL BE SCHEDULE 40 PVC AND INSTALLED WITH 2: MINIMUM COVER, BOTH ENDS SHALL BE CAPPED AND MARKED

DEMOLITION NOTES:

In ACCOMMENT WHITE OF LART IS, URBATIN, A THORSURE HISPETCHI SHALL BE COMMENTING MARKING COMMENS ANTIRALS, MIRITI TO COMMENTING AND ADDRESS AND ADDRESS ANTIRALS, MIRITI TO COMMENTING ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND INFORMATING AND ADDRESS AND ADDRESS AND ADDRESS AND INFORMATING ADDRESS AND ADDRESS AND ADDRESS AND INFORMATING ADDRESS AND ADDRESS AND ADDRESS AND INFORMATING ADDRESS AND ADDRESS

ALL MATERIAL TO BE DEMOLISHED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT A PERMITTED SITE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL LAWS.

GRADING NOTES

- ALL DIRENSIONS AND GRADOES SHOWN ON THE PLANS SHALL BE FILED VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTOR. CONTRACTOR SHALL NOTHY THE INFORMER IF ANY DISPERIANCIES ASYN THRONG TO PROCEEDING WITH CONSTRUCTOR, YOR NECESSARY PLAN OR GRADE CHANGES, NO CIFCRA COMPENSATION SHALL BE PAND TO THE CONTRACTOR FOR ANY WORK DORE DUE TO DIRENSIONS OF GRADES SHOWNIN INCORRECTLY ON THESE PLANS TO SHOL TO PROCEEDING IN AS NOT SEEN CIVIN.
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (MI TIMBLANDO ID AUCULTRUI EXCITEM MAX NOT SEEN GAVE). SUBANT 'P APPLIST OLI EXCAVATIONE CORRESPONDENCE DE DESTINO ACCUPATIONE, FINAL BLUE ESCER PART 1926, SUBANT 'P APPLIST OLI EXCAVATIONE DESIGNION TRY ESTE TATO BOTTO, ISCANATONIC FINAL INFORMATIONE FINAL INFORMATIONE DE DESIGNIO A L'INFORMATIONE DE AUCULTRUI ESTATO DISTRI REGULTS TRE DESIGNIO A TRINCI SUPERVISITI. S'A REGISTIRIO PROFESSIONAL INFORME PROVINCIONA SUPERVISITION.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RALEIGH AND/OR NCDOT STANDARDS AND SPECIFICATIONS AS APPLICABLE.
- CONTINUENT OF SHALL NOTIFY FIRELITY SHALL OR (1 SEO 6827-5843) AN LEXT'S JULI BRUNKSS SAVS FIRENT O BELINNING CONSTRUCT ON ON DECINATION TO HAVE DISTING UTLITES ICONTING CONTINUE CONTINUE CONTINUE TANY REVOLUTION ON DECINATION SERVICES INDEPENDENT OF "INCLUS", BEPART AND DECINATIONS TO THE MARKER RAMEDIATES.
- CONSTRUCTION, MAINTENANCE AND REMOVAL OF ALL EROSION CONTROL DEVICES ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR, TMUINE OF REMOVAL SHALL BE COORDINATED WITH THE EROSION CONTROL INSPECTOR.
- EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON A FIELD SURVEY AND THE BIST AVAILABLE RECORD DRAWNINGS. THE CONTRACTOR SHALL VEREF VIELD CONDITIONS PRIOR TO BEGINNING RELATED CONSTRUCTOR. AND OSCEPANOUSS SHALL BE REPORTED TO THE REMINERE IMMEDIATELY.
- SOIL UNDER BUILDINGS, PAVED AREAS AND WITHIN SLOPES GREATER THAN 3:1 (H-V) SHALL BE APPROVED, PLACED AND COMPACTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.

TRAFFIC CONTROL NOTES

- THE CONTRACTOR SHALL CONDUCT ALL WORK IN A SAFE MANNER AND WITH A MINIMUM AMOUNT OF INCO TRAFFIC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SHALL ADHERE TO THE PROVISIONS OF THE MUTCO (MOST CURRENT FORTION).
- No volta Ku, du Reccuze C, Dettren Traducin Tradiciana Service Could Numer Terrer Part Particiana Traderia Maio Menyah Neukon Yangu Yangu Partici Particiana Service Could Numer To Num Work Wind Healines Terrer Could on a Tawil Luke Fulde Could France Could Participation Work Wind Healines Service Could on a Tawil Luke Fulde Could A Tawil Luke Could Participation Traderio Participation Could Could on a Tawil Luke Fulde Could A Tawil Luke Could Participation Traderio Participation Could Could Participation Could Participation Could Participation Statistica Could Participation Could Participation Could Participation Could Participation Statistica Could Participation Could Participation Could Participation Could Participation Statistica Could Participation Could Participation Could Participation Could Participation Statistica Could Participation Could Participation Could Participation Statistica Could Participation Could Participation Could Participation Count Cert (Participation Participation Could Participation Could Participation Could Participation Could Participation Could Participation Count Cert (Participation Participation Could Participation Could Participation Could Participation Could Participation Could Participation Count Cert (Participation Participation Could Pa
- 4. THE CONTRACTOR SHALL BE REPORTABLE TO ACCONTACTION THE INVERTION DEPARTMENT TO ORTHAN A THEFT CJJ FRAMT THE FERMIT FOR 15 OK-NUEL (REVIEWG GOV) AND SHALL BE CONFECTION DATED TO 1039-154-083. THE FERMIT HASTS FOR 20 MAY AND CAM BE LISTINGTO AT NO COST # REQUEST IS MADE FROM TO PERMITS DEPARTMENT DATE. INQUIRES SHALL BE MADE AT 1919-88-2340.
- 5. PRIOR TO CONSTRUCTION BEGINNING, ALL SIGNAGE AND TRAFFIC CONTROL SHALL BE IN PLACE
- 6. THE CONTRACTOR SHALL HAVE A COMPLETE SET OF CONTRACT DOCUMENTS AS WELL AS ALL PERMITS, APPROVALS AND EASEMENTS ON THE JOB SITE AT ALL TIMES. THE CONTRACTOR SHALL REPAIR ALL DAMAGED DRIVEWAYS, DRIVEWAY PIPES, CURB AND GUTTER, SIDEWALKS AND STREETS TO EXISTING CONDITION OR RETTR.
- 8. ALL SPECIALCE NUT IS ACCESSIBLE TO RESIDENT WID ARE RURD, MAY LOW VED/ON AND ROME. WITH MORELITY SHARE UTES DOTTING FOLLOWING NOTICES AND LIFERANCE TO RESIDENT REGISTER OF THE ADDRESS OF THE ADDR

CONSTRUCTION NOTES

Know what's below. Call before you dig.

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH AND/OR NO DOT STANDARDS
- 2. THE CONTRACTOR SHALL CONDUCT THE WORK IN A SAFE MANNER WITH A MINIMUM AMOUNT OF INCONVENIENCE TO TRAFFIC 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SHALL ADHERE TO THE PROVISIONS OF THE MUTCH (MOST CURRENT EDITION).
- PRIOR TO THE START OF WORK, A PRE-CONSTRUCTION MEETING MUST BE SET UP WITH THE CONTRACTOR AND CITY OF RALEIGH TRANSPORTATION FIELD SERVICES STAFF. CONTACT ENGINEERING INSPECTIONS AT 919-995-2409 TO SET UP THE MEETING.
- THE CONTRACTOR SHALL OTAL A REFL OF WAY DESTRUCTION ROAM TOR ANY WORK WHICH ROUBERS THE TANDHARE LOSARIE OF A STREET TANLI LARK SHANNES SHALL OB REFUNATION ANY TOR MOTOR HAND ROAD AT LEAST BE ADVANTE. ADVANCE, ANY TEMPORARY STREET CLOSARE MAYST RESUMMETED 2 WHICH SPROAD, SET (MIGHT OF WAY CLOSARES' ON WWW RALEGHARE, ON DO SHOT RESULT OF SERVICE TO REFUNE TO REFLORE WAY CLOSARES' ON DWW RALEGHARE, ON AD SHOT RESULT OF SERVICE TO REFLORE TO REFLORE WAYST RESULT OF REFUNE TO REFLORE SPROAD BALL OF THE REVISED AND THE REFLORE SPROAD BALL OF THE REFLORE SP
- 6. PRIOR TO CONSTRUCTION BEGINNING, ALL SIGNAGE AND TRAFFIC CONTROL SHALL BE IN PLACE. THE CONTRACTOR SHALL REPAIR ALL DAMAGED INFRASTRUCTURE IN THE RIGHT-OF-WAY AND RESTORE IT TO PREVIOUS OR BETTER CONDITION
- 8. THE CONTRACTOR SHALL REPAIR ANY DAMAGES TO ADJACENT PROPERTIES AND RESTORE IT TO PREVIOUS OR BETTER CONDITION.
- ALL SIDEWALKS MUST BE ACCESSIBLE TO PERSONS WHO ARE VISUALLY IMPAIRED AND PEOPLE WITH MOBILITY DISABILITI ENSTING PEDISTRAIN ROUTES AND ALTERNATE PEDISTRIAN ROUTES DURING CONSTRUCTION WILL BE REQUIRED TO BE COMPUNAT WITH THE PUBLIC REGISTOR OF WAY ACCESSIBLITY OLDERLINES (PROVING), 2010 ADA STANDARDS FOR ACCESS DESIGN AND THE MANUAL, ON UNIFORM TRAFFIC CONTROL, DEVICES (MUTCD).

ONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4949) AT EAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION

ON EXCAVATION TO HAVE EXSTING UTLITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTLITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NC811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED.



phone 919, 361, 5000 fay 010 361 2260 license number: C-0293, C-187

www.mcadamsco.com

CLIENT

ESE OF NORTH CAROLINA, PC

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E: gphillips@eseconsultants.com

BAY U2 AT BRIER CREEK VISTRATIVE SITE REVIEW PLAN RALEIGH, NORTH CAROLINA

REVISIONS

PROJECT NO.

CHECKED BY JCM

FILENAME

DRAWN BY

SCALE

DATE

SHEET

11. 16. 2020 PER CITY COMMENTS 11. 17. 2021 PER CITY COMMENTS 02. 18. 2022 PER CITY COMMENTS

PLAN INFORMATION

TOL-20000

TOL20000-N1

LAW / RAD

06. 23. 2020

PROJECT NOTES

CO.00

NTS

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT CITY OF RALEIGH AND NCDO

CONSTRUCTION STANDARDS

(WHERE APPLICABLE) ENGINEERING DESIGN AND

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

