

Administrative Approval Action

Case File / Name: ASR-0057-2023 DSLC - AUTOZONE #5783 City of Raleigh
Development Services Department
One Exchange Plaza
Raleigh, NC 27602
(919) 996-2492
currentplanning@raleighnc.gov
www.raleighnc.gov

LOCATION: The site is approximately 1.5 acres, located on the east side of Rock Quarry Road;

south of Lyndhurst Drive, at 2003 Rock Quarry Road, PIN # 1712591179. It is

inside the City limits.

REQUEST: The project consists of a new 6,816 sf auto parts store (general building type) with

off-street parking. The site is zoned NX-3-CU.

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 15, 2024 by

AUTOZONE DEVELOPMENT, LLC.

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:

Engineering

1. Required NCDOT encroachment and/or driveway permits must be approved and copies provided to the City of Raleigh Transportation Department – Mobility Strategy and Infrastructure Division prior to Site Permit review approval.

Stormwater

- 2. A surety equal to of the cost of clearing, grubbing and reseeding a site, shall be paid to the City (UDO 9.4.4).
- 3. A nitrogen offset payment must be made to a qualifying mitigation bank (UDO 9.2.2.B).
- 4. A stormwater control plan with a stormwater operations and maintenance manual and budget shall be approved (UDO 9.2).

☑ <u>LEGAL DOCUMENTS</u> - 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.

Ì	V	Cross Access Agreements Required	V	Right of Way Deed of Easement
ı				Nequired



Administrative Approval Action

Case File / Name: ASR-0057-2023 DSLC - AUTOZONE #5783 City of Raleigh
Development Services Department
One Exchange Plaza
Raleigh, NC 27602
(919) 996-2492
currentplanning@raleighnc.gov
www.raleighnc.gov

☑ **RECORDED MAP(S)** - 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 1712591179 and 1712591386 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.
- 2. A public street right-of-way 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)

Stormwater

- 3. A surety equal to 125% of the cost of the construction of a stormwater device shall be paid to the Engineering Services Department (UDO 9.2.2.D.1.d).
- All stormwater control measures and means of transporting stormwater runoff to and from any nitrogen and stormwater runoff control measures shall be shown on all plats for recording as private drainage easements (UDO 9.2).

☑ <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:

Engineering

 A fee-in-lieu for 6' width for MUP along property frontage shall be paid to the City of Raleigh (UDO 8.1.10).

Stormwater



Administrative Approval Action

Case File / Name: ASR-0057-2023 **DSLC - AUTOZONE #5783**

City of Raleigh **Development Services Department** One Exchange Plaza Raleigh, NC 27602 (919) 996-2492 currentplanning@raleighnc.gov www.raleighnc.gov

2. All stormwater control measures and means of transporting stormwater runoff to and from any nitrogen and stormwater runoff control measures shall be shown on all plats for recording as private drainage easements (UDO 9.2).

Urban Forestry

- 3. A tree impact permit must be obtained for the approved streetscape tree installation in the right of way. This development proposes 5 street trees along Edwin Dr and 2 street trees along Rock Quarry Rd.
- A public infrastructure surety for 5 street trees along Edwin Dr and 2 street trees along Rock Quarry Rd shall be provided to City of Raleigh Transportation – Development Engineering Division (UDO 8.1.3) in the amount of 100% of the improvement cost for the NCDOT portion and 125% of the improvement cost for the City of Raleigh infrastructure

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

General

Final inspection of all right of way street trees by Urban Forestry Staff.

Stormwater

- As-built impervious survey is accepted by the Engineering Services Department (UDO 9.2).
- As-built drawings and associated forms for all Stormwater devices are accepted by the Engineering Services Department (UDO 9.2.2.D.3).

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: March 20, 2027

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.



Administrative Approval Action

Case File / Name: ASR-0057-2023 DSLC - AUTOZONE #5783 City of Raleigh
Development Services Department
One Exchange Plaza
Raleigh, NC 27602
(919) 996-2492
currentplanning@raleighnc.gov
www.raleighnc.gov

hereby certify this administrative decision.		
Signed:	Date:	03/20/2024
Development Services Dir/Designee	_	
Staff Coordinator: Jeff Caines		



ADMINISTRATIVE SITE REVIEW ASR-0057-2023 AutoZone #5783 2003 Rock Quarry Road Wake County, NC



DEVELOPER

AutoZone Development, LLC Attn. Cassandra Peeler 123 S. Front Street Memphis, TN 38103 901-495-8753

cassandra.peeler@autozone.com

CIVIL ENGINEER

Bowman North Carolina, Ltd. 4006 Barrett Drive Suite 104 Raleigh, NC 27609 (919) 553-6570 mlowder@bowman.com FIRM# F-1445

CURRENT PROPERTY OWNERS

PSI Rock Quarry, LLC 7609 Business Park Drive Greensboro, NC 27409-9696

	ndex of Drawings
SHEET NUMBER	SHEET TITLE
C1.0	COVER SHEET
C1.1	GENERAL NOTES, ABBREVIATIONS, AND LEGEND
C1.2	GENERAL NOTES, ABBREVIATIONS, AND LEGENE
C2.0	EXISTING CONDITIONS
C2.1	DEMOLITION PLAN
C3.0	SITE PLAN
C3.1	ROADWAY PLAN (ROCK QUARRY)
C4.0	GRADING & DRAINAGE PLAN
C5.0	UTILITY PLAN
C6.0	CONSTRUCTION DETAILS
C6.1	CONSTRUCTION DETAILS
C6.2	GRADING AND DRAINAGE DETAILS
06.3	UTILITY DETAILS
C6.4	STORMWATER MANAGEMENT DETAILS
C7.0	LANDSCAPE PLAN
C7.1	LANDSCAPE DETAILS
C8.0	LIGHTING PLAN
CB.1	LIGHTING DETAILS
C8.2	LIGHTING DETAILS
A-2	EXTERIOR ELEVATIONS AND NOTES

Digitally signed by jeff.caines@raleighnc.gov DN: E=ieff.caines@raleighnc.gov. jeff.caines@raleighnc.gov CN=jeff.caines@raleighnc.gov Reason: I am approving this document Date: 2024.03.20 14:17:01-04'00'

IMPERVIOUS SUMMARY TABLE ON-SITE AREA = 67,991 SF (1.561 AC) BUILDINGS PROPOSED PAVEMENT SDEWALK TOTAL IMPERVIOUS AREA GROUPED SPACE EXISTING IMPERVIOUS AREA INCREASE IN IMPERVIOUS AREA 6,816 SF 0.16 ACRE(S) 10.02 % OF AREA 16,922 SF 0.39 ACRE(S) 2.69 % OF AREA 1.767 SF 0.39 ACRE(S) 2.69 % OF AREA 2.53,06 SF 0.59 ACRE(S) 37.52 % OF AREA 42,463 SF 0.59 ACRE(S) 37.52 % OF AREA 42,463 SF 0.50 ACRE(S) 0.00 % OF AREA 0.57 0.00 ACRE(S) 0.00 % OF AREA 2.53,06 SF 0.59 ACRE(S) 3.02% OF AREA

DEVELO	PMENT DATA
DEVELOPMENT NAME:	AUTOZONE #5783
STREET ADDRESS:	2003 ROCK QUARRY ROAD
	RALEIGH, NC 27810
	WAKE COUNTY
LATITUDE & LONGITUDE:	35.753058, -78.612426
PROPERTY IDENTIFICATION #(PIN):	1712591179
REID:	0011618
TAX MAP &	
DEED BOOK/PAGE:	017984 / 01148
PLAT BOOK /PAGE:	
EXISTING ZONING:	NX-3-CU
WATERSHED PROTECTION DISTRICT:	SECONDARY
TOTAL SITE ACRES:	67,991 SF (1.561± ACRES)
INSIDE TOWN LIMITS:	YES
EXISTING USE:	VACANT
PROPOSED BUILDING USE:	RETAIL
PROPOSED TOTAL BUILDING AREA:	6,816 SF
PROPOSED CONSTRUCTION TYPE:	COMMERCIAL - GENERAL BUILDING
MAX BUILDING HEIGHT:	50 FT
PROPOSED BUILDING HEIGHT:	
NAXIMUM BUILDING COVERAGE:	N/A
MIN LOT AREA:	N/A
MIN LOT WOTH:	N/A
FRONT SETBACK:	5 FT
SIDE SETBACK:	5 FT
REAR SETBACK:	5 FT
PERIMETER BUFFER:	N/A
NAXIMUM IMPERVIOUS:	N/A
TOTAL DISTURBED AREA:	1.33 ACRES
TOTAL RECREATION SPACE:	N/A
OPEN SPACE:	0.98 ACRE
NUMBER OF EXISTING LOTS:	1
NUMBER OF PROPOSED LOTS:	N/A
ALLOWED BUA: PROPOSED BUA:	80% 48.21%

SPACE PER 5000 SF OF GFA; MIN. 4

NO BICYCLE RACK

OFF-STREET PARKING (BICYCLE)

BLOCK PERIMETER NOTE

SITE IS EXEMPT FROM BLOCK PERMETER REQUIREMENTS PER SECTION 8.3.2.A.2.6 OF THE UDO. THE UNMAIN SITE AREA APPLICABLE IS 5 ACRES FOR A BLOCK WITH CX-ZONING UP TO 4 STORIES IN HEIGHT. THE SIZE OF THE PROPERTY IN QUESTION

- EMITS JUMISDICTION.

 REMIT REQUEST WITH A TOPED PLAN SHALL BE SUBMITTED TO
 IT-OF-WAY SERVICES THROUGH THE CITY OF RALEIGH PERMIT .

 1.OPMENT PORTAL

THE PROPERTY IS LOCATED IN FLOOD ZONE X (MINIMAL FLOOD HAZARD) AS PEFFENA FLOOD PANEL 3720171200K, DATED JULY 19, 2022. MAPS SUBJECT TO CHANCE BY FEMA.

AMENITY AREA CALCULATION

MN. BULD-TO LI = 5 FT MAX. BULD-TO LINE = 100 FT

ZONING CONDITIONS



Company: Autozone Development, LLC		
		Title: Pre-construction specialist
Address: 123 S Front St, Floor 3, Mem		
Phone #: 901-495-8753		ssandra peeler@autozone.com
Applicant Name: Autozone Developmen		
		123 S Front St, Floor 3, Memphis, TN 38103
Phone #: 901-495-8753	Email: cas	ssandra.peeler@autozone.com
		YPE + SITE DATE TABLE o all developments)
SITE DATA	pprocative to	BUILDING DATA
Zoning district(s) (please provide the acread	e of each):	
NX-3-CU		0
Gross site acreage: 1.561		Existing gross floor area to be demolished: 0
# of parking spaces proposed: 31		New gross floor area: 6816
Max # parking permitted (7.1.2.C): 35		Total of gross (to remain and new): 6816
Overlay District (if applicable): NA		Proposed # of buildings: 1
Existing use (UDO 6.1.4): Vacant		Proposed # of stories for each: 1
Proposed use (UDO 6.1.4): Retail		Proposed # of basement levels (UDO 1.5.7.A.6) ()
	TORMWAT	TER INFORMATION
Imperious Area on Parcell's/:		Impervious Area for Compliance
		(includes ROW):
.,	n 25508	V
Existing (sf) 0 Proposed total (s	25508	Existing (sf) 0 Proposed total (sf) 26096
Existing (sf) 0 Proposed total (s		Existing (ef) 0 Proposed total (ef) 26096
Existing (ef) Proposed total (c		Existing (st) 0 Proposed total (st) 26096
Existing (sf) 0 Proposed total (s RESIDENTIAL I Total # of dwelling units: NA	s OVERNIG	Existing (sf) 0 Proposed total (sf) 26096 Proposed total (sf) 26096 Proposed total (sf) 26096 Proposed total (sf) 26096
Existing (ef) Proposed total (c		Existing (st) 0 Proposed total (st) 26096

Email: cassandra.peeler@autozone.com

ì	APPLICANT SIGNATURE BLOCK
ì	
	Pursuant to take like (M.C. Car., 1961, 5 (000-0000), deploations for development accordance may be made by the landowner, a between or present highlight any collor, or contract to justificate the lake lands of the submitted any special or development accordance to the landowner. As assertant feeder may also apply for development approved for solar development as as landowner, and assertant.
and the second second second	By patentifica this spokulation, for underlingual is optional reconsisting in 18 febru as a related as younger control or processing the control of the con
	This unfine ligned includes That the properly review (if it is application and that the proposed protect described in this application will be remarkated until respect in incorrection with the plant and selectionation, submitted heavest, and its accordance with the provisions and negulations of the Chy of (Making) Unified Development Origination.
	The understaned hereby acknowledges that pursuant to state law IN.C.D.E. 143-755(b1). If this permit accidiation
	This indiscipated earthy processingly and a guideline state of the CLUS, I SS-2001, It was permit additional that is migroup in comments or private additional individuals may seed by the CLUS or process of this connective moretic or most; then this probation review is discontinued and a releve poliution in copied (i) proceed and the development inglishmous leditional land the time permy processing in secured and apply to the man explosition.
	Signature (Printer), VIIII 1000 Statemen 13 2028
	Printed Name: Timothy 3 Goddard
	Patronic Initially Subsequent
	and the second of the property of the second
	AND REPORT OF THE PROPERTY OF THE PARTY.
	And the State of the State of the state of
	for the first of t
	이번에 가장하는 이다.
	managa managa
	ngasias memula
	regional control of the control of t

XXX XXX DATE SEPT. 25, 2023

C1.0

C1.1

LEGEND LENGTH
LATERAL
LATERAL
LIMITS OF OLEARING & GRADING
LINEAR FEET
LIP OF PAN
LOMER LEVEL
LOW FORT
LOW FONT
LOADING SPACE
LEFT EXISTING DESCRIPTION PROPOSED PROPERTY LIN ADJACENT PROPERTY LINE LOT LINE RIGHT OF WAY CENTERLINE _____ MONUMENT FOUND
MAXIMUM
MATCH EDISTING
MECHANICAL
MANHOLE
MILE
MINIMUM
MISCELLANEOUS
MILES PER HOUR
MEDIAN STRP
MEAN SEA LEVEL _..._.._.._ _ . . _ . . _ . . _ FLOOD PLAIN BREADTH BACK OF CURB BASSEMP FLOOR BASSEMP FLOOR BEST MANAGEMENT PRACTICES BEST MANAGEMENT PRACTICES (WATER COALITY) VALVE BUILDING RESTRICTION LINE BECOMING VERTICAL CURVE STATION BECOMING VERTICAL CURVE STATION BETOTION OF WATER CAUSE STATION BOTTOM OF MANAGEMENT VERTICAL CURVE STATION BOTTOM OF MANAGEMENT CAUSE STATION BOTTOM LIMITS OF CONSTRUCTION LIMITS OF DISTURBANCE SWALE / STREAM FLOWLINE OVERFLOW RELIEF PATH ~-BOV BRG BRL BVCE BVCS BW FENCE LINE EASEMENT NORTHING/NORTH NOT APPLICABLE NORTH BOUND LANE NORTH CARCLINA DEPT. OF TRANSPORTATION NOW ON FORMERLY NET PLOOR AREA EDGE OF PAVEMENT VERTICAL CURR AND GUTTER DETINO OF WALL

CATHER CORRECTION ON WEITHAN CARME
RAMPE COSTIONED

CAME AND OUTTRE
CATHE WASH

CATHER TO SCHEME
CATHER THE SCHEME
CATHER MOUNTABLE CURB AND GUTTER NUMBER NOT TO SCALE CONCRETE SIDEWALK ASPHALT SIDEWALK ON CENTER
OBJECT
OUTSIDE DIAMETER
OVERHEAD
OVERHEAD CABLE
OVERHEAD ELECTRIC
OVERHEAD TELEPHONE į. SIGHT TRIANGLE ORDING TUPPONE
PRIMETER
PROPERTY USE
PROPERTY OF ORB PROPERTY
PROPERTY OF ORB PROPERTY OF ORB PROPERTY
PROPERTY OF ORB PROPERTY ORB PROPERTY OF O SIGN(S) *** ♦ PARKING COUNT INDICATOR 255 VPD VEHICLES PER DAY INDICATOR 255 VPD TEST PIT MONITORING WEL MAJOR CONTOUR - 350 -----350----MINOR CONTOUR — 350 — __ - - - - - - - - - - -GRADE BREAK CHIC YARD

DEPTH DRAINAGE AREA

DEED BROKA

DIVERSION DIVE

DETAIL

DAMLETE

DROY

D RIDGELINE _52 th _5236 th -52 ²²/₆ -5236 ²²/₆ SPOT ELEVATION RIP RAP PAVEMENT POINT OF VERTICAL REVERSE CURVE AMOUNT OF RUNOFF (FLOW RATE) Q (cfs) WATER LINE racius Reinforced concrete pipe u 🚳 u W WATER METER 0 0 0 WATER VALVE 0 0 10 REPURCH CONNECTE PER
REPURCH CONNECTE PER
RECURRED RECURRED RECURRED RECURRED RECURRED RECURRED RECURRED RECURRED RECURRED RECORD REC WATER REDUCER w FIRE HYDRANI W SANITARY LINE EASTING/EAST EACH EAST BOUND LANE EROSION CONTROL EROSION CONTROL BLANKET EDGE OF GUTTER ENERGY GRADIENT LINE 10 SANITARY MANHOLE H SANITARY OF FANOUT ROUTE RIGHT OF WAY STORM SEWER PIPE 0 0 DOC OF GUITER
DESCRIPTION THE
DESCRIPTION THE STORM SEWER MANHOLE SPEED OR SLOPE SANTARY SEMER SANTARY SEMER MANHOLE SOUTH BOUND LANE SCHEDULE SIGHT DISTANCE SECTION S SANJANI SANJ STORM SEWER INLET 57 STORM SEWER FLARED END SECTION \square STORM SEWER HEADWALL Δ OVERHEAD UTILITY SEMER Souare Feet LINDERGROUND ELECTRIC SHOULDER SPACE OR SITE PLAN SPECIFICATIONS STATION STANDARD OVERHEAD ELECTRIC UTILITY POLE STREET LIGHT ф CABLE TV SERVICE TELECOM SERVICE FIBER OPTIC SERVICE FIRE LINE
FIRE LINE
FROM THE STATE OF CURB
FLOOR AREA RATIO
FACE OF CURB
FLOOR DESCRIPTION
FLARED BAD SECTION
FLARED BAD SECTION
FROM FROM CRADE
FROM FROM CRADE
FROM FROM FROM
FLOOR LINE
FOUNDATION
FOYER NATURAL GAS SERVICE \odot TANGENT TOP OF BANK OR TEST BORING TO BE REMAKED TOP OF CURB THE OF CONCENTRATION TELEPHONE TEMPORARY TEST HOLE TOP OF FOUNDATION TO SEPPE THE PROTECTION TOP OF WALL OR TALWATER TYPICAL. (B) (C) ** TREE LINE FOUNDATION FOYER FLOOD PLAIN FEET PER SECOND PIEE SERVICE OR FACTOR OF SAFETY FOOT OR FEET TREE PROTECTION FENCE 444 GAS GARAGE GRADE BREAK GROSS FLOOR AREA GUARD RAIL OR GRATE INLET GATE VALVE UTILITY EASEMENT UE UGE UGT UGC UE UNDERGROUND LECTRIC UNDERGROUND TELEPHONE UNDERGROUND TELEPHONE UNDERGROUND CABLE UNDERDRAIN LEPER LEVEL UTILITY POLE US GEOLOGICAL SURVEY UTILITY HEAD
HEAD
HORICONTAL BEND
HOT BITUMINOUS PAVEMENT
HYDRALLIC GRADE LINE
HORICONTAL
HIGH POINT
HAND RAIL
HEIGHT
HEADWATER UP USGS UTIL V OR VOL V OR VEL VAN VB VC VF RANFALL INTENSITY
INSDE DIAMETER OR IDENTIFICATION
INVERT ELEVATION
INCH
INCH
INCH
IRON PIPE FOUND
IRON PIPE SET
IRRIGATION WEIGHT OR WIDTH
WEST BOUND LANE
WATER UNE
WATER METER
WATER MAN
WITH THRUST BLOCK
WATER SURFACE ELEVATION
WATER SULFACE LEGEND NOTES

1. THIS IS A STANDARD SHEET, THEREFORE SOME ABBREWATIONS MAY APPEAR ON THIS SHEET AND NOT BE USED ON THE PROJECT. XING OROSSING TRANSFORMER YARD INLET

- CENERAL NOTES

 1. UNITY CORPLETS ALL DESTING UTILITIES SHOWN MERE COURLED USING THE BEST ANALMARE INFORMATION AND FIELD GESERATION. ROBMAN CONSULTION FOR, DOES NOT GUARANTEE THE COLOTION OF UNDERSHOOD UTILITIES SHOWN HEREON, CONTRACTION TO BE REPOWNISHE FOR FIELD HEREON FOR THE COLOTION OF AN PROTECTION ALL DESTINE UTILITIES, ALCUDIOR THESE NOT SHOWN OF SOME OF MACHINE THE AREA, MY DAMARE TO DESTINE UTILITIES SHALE BEYFRAME AND A THE ATTENDED TO THE SATISFACTION OF THE APPROPRIATE COMMING ADDITION TO F THE IMPACTED UTILITY AT THE CONTRACTOR'S EXPENSE.
- ALL LISTELS AND EXPLANATION SHALL BE A CONSTRUCTION TO BE LISTED TABLESON, AND SPECIALISTS FOR tHE APPROPART CONSTRUCTION AND AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMIN
- CONTRACTOR SHALL OBTAIN, AT HIS OWN EXPENSE, ALL APPLICABLE CODES, LICENSES, STANDARDS, SPECIFICATIONS, PERMITS, BONDS, ETC., WHICH ARE
 NECESSARY TO PERCORN THE PROPOSED WICE.
- 4. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB SITE INCLUDING THE SAFETY OF ALL PRESONS AND PROPERTY DURING PERFORMANCE OF THE BOOK, THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL MORRING HOUSE. AND MUST COMPLY WITH 165HA REQUIREDING.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNER/DEVELOPER AND ENGINEER OF ANY PROBLEM CONFORMING TO THE APPROVED PLANS FOR ANY ELEMENT OF THE PROPOSED IMPROVEMENTS PRIOR TO ITS CONSTRUCTION.
- 6. THE CONTRACTOR SHALL REPAIR ANY EXCAVATIONS OR PAVEMENT FAILURES CAUSED BY HIS/HER CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ALL MATERIALS WITHIN DEDICATED RIGHT-OF-WAY AND ALL MATERIALS AND WORKGAMASHE SHALL MEET THE ROADWAY DESIGN AND CONSTRUCTION STANDARDS OF THE APPROPRIATE GOVERNING AGENCY.
- THE CONTRACTOR SHALL HARDY THE LOCAL ARRESTMENT AT LLCCT 24 HOURS PROVE TO THE STAFF OF CHISTIANTION. THE APPROPRIATE FRE-DOWNHEART SHALL BENTRED AT LLCCT HARDEST AND AVERAGE OF ANY STREET CORREST, NOW THE PERSON THAT ANY FRE PROVINCES HE TEMPORALLY REMOVED FROM SERVICE, THE CONTRIBUTION SHALL ALSO BE REPORTINGED FOR PROVINCE AT LLCCT 24 HOURS ADVANCED MOTION ANY MEED TO SHAT TOOM ANY POPRIOR OF THE CONTRIBUTION SHALL ALSO BE REPORTED AND FOR THE STAFF AND ANY ADVANCED MOTION.
- THE CONTRACTOR SHALL PROVING ALL STRUCK, DARFOLLESS, FLANDE, LIBERT OF OTHER STRUCK RECESSION," OR SHIP PAUTE CONTRACT IN ACCORDANCE WITH THE RESIDENT DETICE OF THE MANUAL OF LIBERT HARVES CONTRACT CRICKES AND A MORROR OF THE REPORT CONTRACT SUPPLICATE TO THE MUTICA. A TRAFFIC CONTROL PLAN SHALL BE SEMENTED TO AND APPROVED BY THE APPROPRIATE CONTRIBUTE ACROSS THE REPORT—OF THE MUTICA OF THE APPROPRIATE CONTRIBUTE OF MORE THAN THE REPORT—OF THE PROPRIATE CONTRIBUTE OF THE PROPRIATE OF THE PROPRIATE CONTRIBUTE OF THE PROPRIATE OF THE PROP
- THE CONTRACTOR SHALL CONTACT NOSH1 AT 1-800-632-4949 AT LEAST 2 BUSINESS DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONGRINATE ALL CONSTRUCTION ACTIVITIES WITH ANY AFFECTED UTILITY COMPANY.
- THE CONTRACTOR SHALL OBTAIN COPIES OF THE "SOLS AND INVESTIGATION" REPORT FROM GEOTECHNICAL ENGINEER ALONG WITH THE "PAVEMENT THICKNESS DESIGN REPORT". THE CONTRACTOR MUST HAVE COPIES OF SAME ON THE SITE AT ALL TIMES.
- 12. THE CONTRACTOR IS REQUIRED TO PROVIDE AS—CONSTRUCTED HORIZONTAL AND VERTICAL CONSTRUCTION INFORMATION, INCLUDING THE LOCATIONS OF ALL SANITARY LINES AND SERVICES, WATER LINES AND SERVICES, AND OTHER UTILITY LINES AND SERVICES TO THE ENGINEER FOR PREPARATION OF
- LIMITS OF CONSTRUCTION EASEMENTS AND RIGHTS-OF-WAY SHALL BE DELINEATED WITH TEMPORARY STAKING BY THE CONTRACTOR, SAFETY FENOING SHALL BE PER APPROPRIATE COVERNING AGENCY.
- 14. WHERE EXCAVATION IS REQUIRED UNDER EXISTING ASPHALT OR CONCRETE PAVEMENT, THE EXISTING PAVEMENT SHALL BE SAW CUT IN A MANNER TO EFFECT A SMOOTH, STRAIGHT—CUT EDGE. ASPHALT PATCH SHALL BE PER APPROPRIATE GOVERNING AGENCY STANDARDS.
- 15. REFER TO FINAL RECORDED PLAT FOR ACTUAL LOT, TRACT, PARCEL, AND EASEMENT LOCATIONS AND DESIGNATIONS.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ALL MATERIALS WITHIN DEDICATED RIGHT-OF-WAYS AND ALL MATERIALS AND WORKWANSHIP SHALL MEET THE ROADWAY DESIGN AND CONSTRUCTION STANDARDS OF THE APPROPRIATE GOVERNING AGENCY.
- 17. THE CONTRACTOR SHALL PROTECT ALL ADJACENT PROPERTY TO THE PROJECT WORK SITE (SEE THE EROSON CONTROL PLAN). THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY (IF APPLICABLE) TO COMPLETE THE CONSTRUCTION AND SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REQUIATIONS.
- 18. WATER WILL BE PROVIDED BY THE CONTRACTOR TO KEEP WIND EROSION IN CHECK, USE OF WATER AS A DUST PREVENTATIVE SHALL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF THE WORK.
- 19. ANY SETTLEMENT OR SOIL ACCUMULATIONS BEYOND THE PROPERTY LIMITS DUE TO GRADING OR EROSION SHALL BE REPAIRED IMMEDIATELY BY THE
- 20. ANY CONSTRUCTION DEBRIS OR MUD TRACKING IN THE PUBLIC RICHT-OF-WAY RESULTING FROM THIS DEVELOPMENT SHALL BE REMOVED MINEDIATED THE CONTRACTOR. THE CONTRACTOR SHALL MANEDIATELY PIX ANY EXCAVATIONS OR PAYMENT FAILURES CAUSED BY THE DEVELOPMENT AND SHALL PROPERTY MARKHOLD THE STEE UNIT LICEAR UP OR REPAIR IS COMPILET.
- 21. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO GRADE STREET CORES, RIGHT-OF-WAY TEMPLATES, AND LOTS ACCORDING TO GRADING INSTRUCTIONS SHOWN ON PLANS.
- 22. STREET CONTOURS SHOWN AT PROPOSED STREET LOCATIONS REPRESENT FINISHED GRADE ELEVATION TO TOP OF ASPHALT.
- 23. COMPACTION FILL MATERIAL SHALL BE COMPACTED ACCORDING TO THE APPROPRIATE GOVERNING ASENCY REGULATIONS AND THE RECOMMENDATIONS OF THE GEOFECHNICAL ENGINEER.
- 24. TOLERANCE ROUGH GRADING: TOLERANCE SHALL BE +/- 0.1 FEET.
- 25. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE SURE ALL APPROPRIATE PERMITS FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY HAVE BEEN OBTAINED PRIOR TO GRADING, CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL TEMPORARY WATER AUDITI PARK ESCU DIRIGE PRIME I DECONDA CONTROL DEVICES NECESSARY TO PROTECT ADMINISTRAÇÃO EN STRUCTURO E VALIDAMENTAL ENCONDANT BALLEY.

 CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF SAD DEVICES THROUGHOUT CONSTRUCTION AND UNTIL THE PERMANENT PROTECTION

 REPOSSARY HAS REPO COMPETED.
- 26. IT IS THE CONTRACTOR'S RESPONSBILITY TO OBTAIN THE MOST CURRENT APPROVED ARCHITECTURAL/MECHANICAL/ELECTRICAL/PLUMBING/STRUCTURAL PLANS AND COORDINATE SAME WITH THE STE PLAN, PRIOR TO BEGINNING CONSTRUCTION OPERATIONS.
- 27. WHEN DURING THE COURSE OF CONSTRUCTION, MAY OBJECT OF AN UNUSUAL NATURE IS ENCOUNTERED, THE CONTRACTOR SHALL CEASE WORK IN THAT AREA AND IMMEDIATELY NOTIFY THE OWNER, APPROPRIATE GOVERNING ACENCY, AND/OR THE ARCHITECT/ENGINEER.
- 29. ALL STEPS WITH THREE OR MORE RISERS SHALL HAVE HAND RAILS, PER LOCAL CODE.
- 30. A SMOOTH GRADE SHALL BE MANTAMED FROM THE CENTERLINE OF EXISTING ROAD TO PROPOSED CLIPB AND GUTTER MID/OR PROPOSED EDGE OF PAYABENT TO PRECLIDE THE FORMING OF FALSE GUTTERS AND/OR THE PROMING OF ANY WATER IN THE ROADWAY. REMOVE AND RECONSTRUCT EXISTING PARKINET MAD/OR CURB AS DICHATED BY FROLO CONDITIONS TO PROVIDE POSITING PARMING AT ITE—IN-POINT.
- 31. OVERLAY OF EXISTING PAVEMENT SHALL BE MINIMUM OF 1 1/2 INCH DEPTH; ANY COST ASSOCIATED WITH PAVEMENT OVERLAY, OR THE MILLING OF EXISTING PAVEMENT TO OBTAIN REQUIRED DEPTH. SHALL BE ASSUMED BY THE CONTRACTOR.
- 33. AN AIR QUALITY PERMIT SHALL BE OBTAINED IF REQUIRED.
- 34. ANY LIGHTING SHOWN HEREON IS AS SPECIFED BY THE CLENT AND IS INCLUDED FOR INFORMATION PURPOSES ONLY, AS DRECTED BY THE OWNER AND/OR PUBLIC AGENCY REQUIREMENTS OR BOMAIN CORSULTING GROUP, LTD. HAS NOT PERFORMED THE LIGHTING DESIGN, AND THEREFORE DOES NOT WARRANT AND IS NOT RESPONSIBLE FOR THE DEGREE AND/OR ADEQUACY OF LUMINATION ON THIS PROJECT.
- 35. THE CONTRACTOR WILL BE REQUIRED TO NOTIFY ALL RESIDENCES WITHIN MIGNITY OF THE PROPERTY BOUNDARY TEN (10) DAYS PRIOR TO ANY BLASTING IN ACCORDANCE WITH THE APPROPRIATE GOVERNING AGENCY REQUIREMENTS.
- NO BLASTING SHALL BE PERMITTED WITHIN 25' OF EXISTING UTILITY LINES OR STRUCTURES. BLASTING TO BE EXTENDED 25' BEYOND PROPOSED STRUCTURES IF CONDITIONS IMARRANT FUTURE EXTENSIONS.
- 37. ALL RETAINING WALLS 4' IN HEIGHT AND OVER (MEASURED FROM BOTTOM OF FOOTER TO TOP OF WALL) REQUIRE A SEPARATE BUILDING PERMIT.
- 38. THE APPROVAL OF THIS PLAN DOES NOT CONSTITUTE THE APPROVAL OF FUTURE WORK.
- 39. ALL HANDICAPPED SPACES SHALL HAVE AN ABOVE GRADE IDENTIFICATION SIGN MEETING APPROPRIATE GOVERNING AGENCY STANDARDS.
- 40. WHERE A PROPOSED PIPE CROSSES OR PARALLELS A STREET OR DRIVE AISLE, THE ASPHALT SHALL BE NEATLY SAWOUT TO FULL DEPTH. AFTER INSTALLATION OF THE PIPE, THE ROADWAY SHALL BE PATCHED IN ACCORDANCE WITH THE APPROPRIATE COVERNING AGENCY STANDARDS.

- GENERAL NOTES (CONT.)

 4. THE CONTRACTOR SHALL CAPITLY EXAMPLE HE SITE AND MARE ALL INSPECTIONS NECESSARY IN ORDER TO DETERMINE HE FULL EXTENT OF THE WARM RECRIFICATION OF THE TENTH AND THE THE CONTRACTOR SHALL SHATELY HANDLE AS TO THE MATHER AND LOCATION OF THE EDNA, CONTRINS, AND CORPORATION OF DESTROYER GROWN SHAPE, AND THE COMMISSION OF THE STATE OF THE CONTRACTOR SHALL SHATELY HANDLE AS TO CHARACTER, DAMPINE AND CONTRACTOR SHAPE AND SHAPE AND SHAPE AND SHATELY AS THE DESTROYS OF THE CONTRACTOR OF THE CONTRACTOR SHAPE AND PROPERTY AND ADMISSION OF THE CONTRACTOR OF THE CONTRACT
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING ROADS AND UTILITIES WHICH OCCURS AS A RESULT OF THE PROJECT CONSTRUCTION WITHIN OR CONTROLOUS TO THE EXISTING RIGHT-OF-WAY.
- ALL STREET CUT AND PATCH WORK IN PUBLIC RIGHT-OF-WAY REQUIRED FOR UTILITIES INSTALLATION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH CITY, COUNTY, AND/OR APPROPRIATE GOVERNING AGENCY STANDARDS AND SPECIFICATIONS.
- 44. THE APPROVAL OF THIS PLAN SHALL IN NO WAY GRANT PERMISSION FOR THE CONTRACTOR TO TRESPASS ON OFF-SITE PROPERTIES.
- 46. These plans make no representation as to the subsurface conditions and the presence of subsurface water or the need for subsurface draining facilities.
- 47. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING ALL NECESSARY INSPECTIONS.
- 48. EMERGENCY VEHICLE ACCESS SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
- 49. ALL FINISHED GRADING, SEEDING, SODDING OR PAVING SHALL BE DONE IN SUCH A MANNER TO PRECLIDE THE PONDING OF WATER.
- TO PROPER SHILL NOT HAVE CONTROL OFFER OR COMESC OF AND SHILL NOT RESPONDED OF CONCENSION THAN LINE PROPERTY OF THE CONTROL OF
- 51. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DIGGING OF TEST HOLES PRIOR TO BEGINNING OF ANY CONSTRUCTION ON THE PROJECT, IF CONFLICTS ARE DISCOVERED AS A RESULT OF TEST HOLE FINDINGS, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
- 52. EXCAVATION SUPPORT SYSTEMS SHALL CONFORM TO THE PROVISIONS OF OSHA CONSTRUCTION STANDARD 29 CFR PART 1926 SUBPART P, OR CURREN
- 53. AT LOCATIONS WHERE THE FINAL SURFACE COURSE OF ASPHALT PAVEMENT IS TO BE FEATHERED INTO THE EXISTING SURFACE COURSE. TO BE SCARBLED TO A MINIMUM DEPTH OF 1" AND A TACK COAT APPLED PRIOR TO FINAL PAVING TO INSURE A SMOOTH, WELL ROBINGED JOINT.
- 54. ANY NEW PAVEMENT OPENED TO TRAFFIC SHALL RECEIVE A TACK COAT PRIOR TO PLACEMENT OF ANY OVERLYING ASPHALT COURSE.
- 55. ALL SIDEWALKS TO BE 4" THICK CONCRETE UNLESS OTHERWISE SHOWN ON THE PLAN.
- 56. ALL DEMOLITION SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE APPROPRIATE GOVERNING AGENCY.
- 57. ALL APPLICABLE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCING DEMOLITION.
- . Items shown to be relocated shall be carefully removed and stored by the contractor until such time as they can be placed in their new location. Contractor shall veryy these items with the owner, prior to construction.
- 59. CONTRACTOR SHALL COORDINATE REMOVAL OR RELOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD ELECTRICAL, TELEPHONE AND CABLE TV LINES AND REMOVAL OF UTILITY POLES, PEDESTALS AND TRANSFORMERS WITH UTILITY COMPANES AND WITH DEVELOPER PRIOR TO DEMOLITION.
- 60. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJISTMENTS AND/OR RECONSTRUCTION OF ALL UTILITY COVER (MANHOLE FRAMES AND COVERS, WALVE BOD COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.
- . THE CONTRACTOR MUST HAVE THE APPROVED CONSTRUCTION DRAWINGS IN POSSESSION PRIOR TO THE START OF CONSTRUCTION. AT LEAST ONE (1) COPY OF THE APPROVED PLANS, WITH REVISIONS, MUST BE KEPT ON-STE AT ALL TIMES.
- 62. ALL HANDICAP RAMPS SHALL BE BUILT IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE APPROPRIATE GOVERNING AGENCY STANDARDS, AND CURRENT ADA REQUIREMENTS.
- THE STORM DRAM, STOMMARTE MANAGENET AND WATER QUALITY FACULTES MIST BE MANTARED BY THE CONTRACTOR UNIT, SUCH THE AS THEY ARE NOT OUR TOOK COMPLETE, BUT ALSO THAT TOOK OF THE DRAMAGE MEAT TO EARLY FACULTY STORMAGES. SEED AND MULCH DOES NOT STORMAGES MANAGES. THE ADMINISTRATION IN THIS OF THE CONTRACTOR MATERIAL OF THE STORMAGES MANAGES. THE ADMINISTRATION OF THE CONTRACTOR MATERIAL AND WATER QUALITY FACULTIES SHALL BE TURNED OVER TO THE OWNER COMPLETELY QUAN ADMINISTRATION OF THE TOWN AND CONSTRUCTION OF THE OWNER COMPLETELY QUAN ADMINISTRATION.
- 64. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT ALL ADA ACCESSIBLE SDEMALKS MANTAIN SLOPES NOT TO EXCEED SK LONGITUDINALLY AND 22 CRISGS SLOPES, SLOPES AT ACCESSIBLE PRINCIPS SPACES AND ACCESS AISLE SHALL BE A MAXIMUM OF 2%, AND THE MANEUMERING CLEARANCE AT EXCITENCE METHRACES SHALL HAVE A MAXIMUM SOPE OF 2%.
- 65. DURING CONSTRUCTION, NO TEMPORARY CONNECTIONS TO FIRE HYDRANTS MAY BE MADE WITHOUT THE EXPRESS AUTHORIZATION OF THE UTILITY OWNER

GENERAL NOTES, ABBREVIATIONS, AND LEGEND

DATE DESCRIPTION JA XXX XXX DESIGN DRAWN CHKD

SCALE H: IOB No. 220065-01-001

DATE SEPT. 25, 2023 FILE No. ASR-0057-2023

C1.2

GENERAL EROSION CONTROL NOTES

- THE CONTRACTOR SHALL REMOVE ALL SEDMENT, MAD AND CONSTRUCTION DEBRIS THAT MAY ACCUMULATE IN THE FLOWLINES AND PUBLIC RIGHTS-OF-MAY OF THE APPROPRIATE GOVERNING AGENCY AS A RESULT OF THIS CONSTRUCTION PROJECT, SAID REMOVAL SHALL BE CONDUCTED IN A THAL'Y MANAGE.
- THE CONTRACTOR SHALL PREVENT SEDMENT, DEBRIS AND ALL OTHER POLLUTANTS FROM ENTERING THE STORM SEMER SYSTEM DURING ALL DEMOLITOR AND CONSTRUCTION OPERATIONS THAT MEE A PART OF THIS PROJECT, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REMEDIATION OF ANY ADDRESS HEMPOLTS TO ADMICHST MATERNAY, WELTAMOS, ETC., RESULTING FROM MORN DOOR AS A PART OF THIS PROJECT.
- 3. ALL DISTURBED AREAS MUST BE HYDRO-MULCHED W/ TACKIFIER AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE NOT OTHERWISE PERMANENTLY STABILIZED.
- THE CONTRACTOR SHALL INSURE THAT ALL LOADS OF CUT AND FILL MATERIAL IMPORTED TO OR EXPORTED FROM THIS SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF THE MATERIAL DURING TRANSPORT ON PUBLIC RIGHTS-OF-MAY.
- THE USE OF REBAR, SIELL STANES, OR SIELL FENCE POSTS TO STANE DOWN STRAW OR HAY BALES; OR TO SUPPORT SLI FENCE USED AS AN
 EXOSON CONTROL MEASURE; SP PROMISTED. THE USE OF OSHA APPROVED COLORED WARRING CAPS ON REBAR OR FENCE POSTS USED WITH EROSION
 CONTROL MEASURES S NOT ACCEPTABLE.
- 6. IF STOCKPILES ARE LOCATED WITHIN 100 FEET OF A DRAINAGE WAY, ADDITIONAL SEDWENT CONTROLS SUCH AS TEMPORARY DIKES OR SILT FENCE SHALL BE REQUIRED.
- 7. APPROVED EROSON IND SEXMENT CONTROL "BEST MANAGEMENT PRACTICES" SMALL BE MANTANED AND KEPT IN COOR REPIRE FOR THE DIRECTION OF THE ADDRESS OF THE SAME AND SMALL REPISE. AND SMEDLY AND APPLES SAME CONTROL PRESENTATION CENTS. ALL SMALL REPISE MANAGEMENT AND SMALL REPISE MANAGEM
- 8. THE CLEANING OF CEMENT TRUCK DELIVERY CHUTES SHALL OCCUR IN A PREDEFINED CONTAINMENT AREA. THE DISCHARGE OF WATER CONTAINING CEMENT TO THE STORM SEWER SYSTEM IS PROHIBITED.
- EROSON BALES SHALL BE PLACED SUCH THAT RUNOFF WILL NOT FLOW BETWEEN, AROUND OR UNDER BALES. BALES TO BE ANCHORED WITH 2" X 2" X 3" WOODEN STAKES OR TWO PER BALE.
- WHEN TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE REMOVED, ANY SILT AND SEDIMENT DEPOSITS SHALL BE REMOVED AND SPREAD EVENLY IN OPEN AREAS.
- 11.
 12. BEST MANAGEMENT PRACTICES (BMP) DETAILS SHOWN ON THESE PLANS ARE CONCEPTUAL ONLY, ADJUST AS NECESSARY TO FIT FIELD CONDITIONS.
- 13. TEMPORARY SEDMENT BASINS SHALL BE USED DURING CONSTRUCTION TO CONTAIN ALL RUNOFF FROM THE SITE. IF TRENCH DEWATERING OR GROUND WATER REMOVAL IS REQUIRED, THE SEDMENT POIND OR OTHER APPROVED MEANS SHALL BE USED TO DETAIN ALL WATER PUMPED BY THESE OPERATIONS.
- 14. THE CONTRACTOR SHALL SUBBILT A SCHEDULE OF CONSTRUCTION, GRADING AND LANDSCAPING, INCLUDING THE NAME AND 24 HOUR PHONE NUMBER OF THE RESPONSIBLE PARTY TO CONTACT REGARDING ANY EROSION OR SEDIMENT PROBLEM TO THE APPROPRIATE COVERNING AGENCY PRIOR TO BEGINNING ANY CONSTRUCTION.
- 15. EROSION CONTROL MEASURES TO BE COORDINATED WITH CONSTRUCTION MANAGER.
- 16. EROSION AND SEDIMENT CONTROL SHALL BE INSTALLED IN ACCORDANCE WITH REGULATIONS OF THE APPROPRIATE COVERNING AGENCY.



AN EROSION AND SEDIMENTATION CONTROL PERMIT SHALL BE REQUIRED BY CITY OF RALEIGH PRIOR TO START OF CONSTRUCTION.

There are no existing stream/and or wetland features on the proposed parcel.

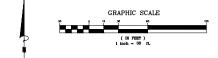
FLOOD ZONE NOTE:

THE PROPERTY IS LOCATED IN FLOOD ZONE X (MINIMAL FLOOD HAZARD) AS PER FEMA FLOOD PANEL 3720171200K, DATED JULY 19, 2022. MAPS SUBJECT TO CHANGE BY FEMA.







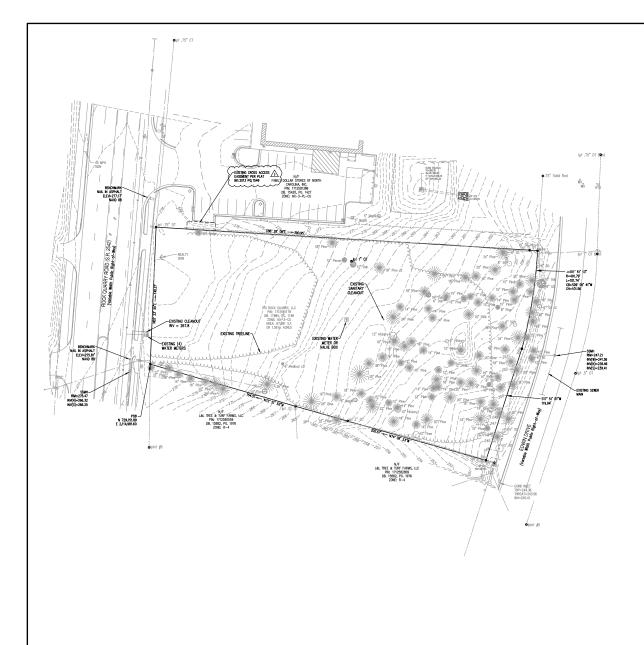


EXISTING CONDITIONS

JA XXX XXX
DESIGN DRAWN CHKD
SCALE V: 30'

JOB No. 220065-01-001 DATE SEPT. 25, 2023 FILE No. ASR-0057-2023

SHEET C2.0



DEMOLITION PLAN

PLAN STATUS 5/23 ASR 1ST SUBMI DATE DESCRIPTION JA XXX XXX DESIGN DRAWN CHKD SCALE H:

IOB No. 220065-01-001 DATE SEPT. 25, 2023 FILE No. ASR-0057-2023

C2.1

EROSION CONTROL NOTES:

AN EROSION AND SEDMENTATION CONTROL PERMIT SHALL BE REQUIRED BY CITY OF RALEIGH PRIOR TO START OF CONSTRUCTION. SURVEY NOTE:

FLOOD ZONE NOTE:

THE PROPERTY IS LOCATED IN FLOOD ZONE X (MINMAL FLOOD HAZARD) AS PER FEMA FLOOD PANEL 3720171200K, DATED JULY 19, 2022. MAPS SUBJECT TO CHANCE BY FEMA.

ANY EXISTING WELLS OR SEPTIC SYSTEMS ENCOUNTERED ON THE PROJECT PARCEL ARE TO BE REMOVED PER WAKE COUNTY STANDARD PROCEDURES AND GUIDELINES.

EXISTING UTILITY SERVICES (UNUSED) SHALL BE ABANDONED AT THE TAP (MAIN) AND REMOVED FROM THE RIGHT-OF-WAY OR EASEMENT.

CONSTRUCTION DRAWING NOTE

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH AND/OR NCDOT STANDARDS AND SPECIFICATIONS

UTILITY STATEMENT:

THE UNDERFORMUN UTLITES SHOWN HAVE BEEN LOCATED FROM FEED SUPPORT INFORMATION AND DESIRES DIMENSES. THE SUPPORT MICES OF COMMITTEES THE PROPERTY OF THE SUPPORT OF THE SUPPORT PROPERTY OF THE SUPPORT PRIVILED BY THE SUPPORT

CAUTIONARY NOTE:

- 1. REMOVE TREES AND ROOT SYSTEM
- 2. REMOVE EXISTING BUILDING AND FOUNDATION

ALL EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION TAKEN FROM A LAND SURVEY PREPARED BY: SURVEY MATTERS.

THERE ARE NO EXISTING STREAM/AND OR WETLAND FEATURES ON THE PROPOSED PARCEL.

CITY NOTE

lpf .75" OT E

REMOVE EXISTING
TREES AS NEEDED
WITHIN THE LIMITS
OF DISTURBANCE

UTILITY NOTE

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS DRAWING ARE BASED ON ABOVE GROUND EVENENCE OR INFORMATION CARRESED DURING THE PROJECT, AS SOLD, HAS INFORMATION IS THE PROJECT, AS SOLD, HAS INFORMATION IS THE PROJECT OF THE UNDERGROUND UTILITIES FOR WHICH NO ABOVE GROUND EVENENCE WAS GESETRED. THE ABOUT LOCATIONS OF THE UNDERGROUND UTILITIES SHALL BE VERFIED BY THE CONTRACTOR PROPR TO THE START OF ANY AND ALL CONSTRUCTION.

KEY NOTES:

- 4. REMOVE ALL EXISTING SHRUBS AND DEBRIS
- 5. REMOVE EXISTING SIDEWALKS
- A PENNY EXISTING CONCRETE CURR
- 7. REMOVE EXISTING DRIVEWAY APPROACHES
- 8. REMOVE EXISTING PAVEMENT
- 9. REMOVE EXISTING UTILITIES

DEMOLITION LEGEND

EXISTING TREE TO BE REMOVED EXISTING ASPHALT/CONCRETE/GRAVEL TO BE

DEMOLISHED/REMOVED EXISTING BUILDING OR STRUCTURE TO BE DEMOLISHED/REMOVED

· //://:///// · Existing curb and gutter to be removed

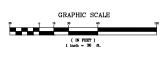
DEMOLITION NOTES:

ALL WORK TO BE ACCOMPLISHED IN STRICT ACCORDANCE WITH ALL LOCAL ORDINANCES, CITY OR STATE.

WITHIN THE SUBJECT PROPERTY, THE INTENT IS TO HAVE A CLEAN, CLEAR SITE, FREE OF ALL EXISTING ITEMS NOTED TO BE REMOVED IN ORDER TO PERMIT THE CONSTRUCTION OF THE NEW PROJECT.

VICINITY MAP

- ALL ITEMS NOTED TO BE REMOVED BY THE SELLER SHALL BE ACCOMPLISHED PRIOR TO THE CLOSING OF THE REAL ESTATE TRANSACTION. ALL OTHER ITEMS NOTED TO BE REMOVED SHALL BE DONE SO AS PART OF THE CONTRACT FOR GENERAL CONSTRUCTION.
- REMOVE AND DISPOSE OF ANY SIDEWALKS, FENCES, STAIRS, WALLS, DEBRIS AND RUBBISH REQUIRING REMOVAL FROM THE WORK AREA IN AN APPROVED OFF SITE LANDRILL.
- THE CONTRACTOR SHALL SECURE ALL PERMITS FOR HIS DEMOLITION AND DISPOSAL OF HIS DEMOLITION MATERIAL TO BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL POST BROOKS WAD PAY PERMIT FEES AS REQUIRED. BUILDING DEMOLITION CONTRACTOR SHALL BE RESPONSIBLE FOR PERMITS AND DISPOSAL OF BUILDING DEMOLITION DEMOLITIES.
- THE DETAILED PLANS MAY NOT REFLECT ALL UTILITIES ON THE SITE OR SURROUNDING STREETS AND PROPERTIES. THE CONTRACTOR SHALL REFL LOCATIONS AND EXISTENCE OF UTILITY SERVICES PROOF TO CONSTI-CONTRACTOR SHALL CALL UTILITY LOCATE, 72 HOURS PRIOR TO CONSTI
- THE CONTRACTOR TO REMOVE ALL UTILITIES TO EXISTING STRUCTURES WHETHER SHOWN OR NOT OR ARRANGE FOR THE APPROPRIATE UTILITY COMPANY TO CUT AND CAP SERVICE PIPMS AT THE PROPERTY LINE OR MAIN (AS REQUIRED). ALL SERVICES MAY NOT BE SHOWN ON THIS PLAN.
- FOR ALL ITEMS NOTED TO BE MADE TO THAT THE ABOVE GROUND ELEMENTS, BUT ALL UNDERGROUND ELEMENTS AS WELL INCLUDING BUT NOT NECESSARILY LIMITED TO: FOUNDATIONS, GRAVEL FILLS, TREE ROOTS, OLD PPES, ETC.
- BACK FILL ALL EXCAVATIONS RESULTING FROM THE DEMOLITION WORK TO MEET THE REQUIREMENTS FOR FILL OUTLINED IN THE GEOTECHNICAL REPORT.
- THE CONTRACTOR SHALL PROTECT ALL IRON PINS, MONIMENTS AND PROPERTY CORRESS DURING CONSTRUCTION. ANY CONTRACTOR DISTURBED PINS, MONIMENTS, ETC. SHALL BE RESET BY A LICENSED LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
- 11. THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, PIPES, PAVEMENT, CURBS, SOCIMALIS OR LANDSCAPED AREAS DISTURBED DURING DEMOLITION TO THE SATISFACTION.
- 12. ALL BUILDINGS, FOUNDATION WALLS AND FOOTINGS INDICATED ON THIS PLAN TO BE REMOVED FROM SITE. CONTRACTOR SHALL SECURE MY PERMITS AND PAY ALL FEES AND PERFORM CLEANER AND GRUBBING AND DEBRIS REMOVAL PRIOR TO COMMENCEMENT OF GRADING OFFRATIONS.
- ASBESTOS AND ANY OTHER HAZARDOUS MATERIAL SHALL BE REMOVED BY THE GENERAL CONTRACTOR USING A LICENSED HAZARDOUS MATERIAL CONTRACTOR.







SSMH RM=275.68 INV(N)=269.73 INV(S)=269.63

RPY ROAD (S.R. 2542) Public Right-of-Way)

⊕√

POB -N 729,151.89 E 2,114,981.60

EXISTING DRIVENAY-CURB & GUTTER TO BE REMOVED AND REPLACED WITH 30" CURB AND GUTTER

PROVDER TO RELOCATE
UTILITY POLE

REMOVE PORTION OF EXISTING FENCE TO CONNECT CHOSS ACCESS

-⊘

EXISTING OVERHEAD UTILITY AND UTILITY POLE

œ,

JA XXX XXX DESIGN DRAWN CHKD SCALE OB No. 220065-01-001

DATE SEPT. 25, 2023 TILE No. ASR-0057-2023

C3.0

(14) HANDICAP PARKING SIGN - SEE DETAIL 12 / C6.0

KEYNOTES: PIPE GUARD - SEE DETAILS 16 / C6.0 2 DUMPSTER LAYOUT - SEE DETAILS 8,9,10, & 11/ 06.0

BUILDING & PAYING

4) PROPOSED PARKING COUNT

8 NEW CURB CUT AND APPROACH. (8) NEW CURE CUT AND APPROUND.
CONDRETE PANNO - SEE DIL. 44.5 / C8.0. EXPANSION
AND CONTROL JOINTS - SEE DILS. 23 & 24 / O8.0.
MAXIMUM SPACING FOR CONTROL JOINTS IS 15' O.C. EACH
WAY.

(10) ASPHALT PAVING - SEE DTL. 2&3 / C6.0.

6"-0" LONG CONCRETE WHEEL STOP PINNED TO
PAYEMENT (TYPICAL). LOCATE 3"-6" FROM FACE OF
CURB OR SIDEWALK SEE DETAIL 17 / OB.0

Δ

12 4" WIDE PARKING STRIPE PAINTED WHITE (TYP.)

(NOT USED)

3 SERVICE DOOR PLAN - SEE DETAIL 15/ C6.0

CONCRETE LIGHT POLE BASE - SEE DETAIL 29 / 06.1 AM LIGHT FIXTURE IN DIRECTION AS INDICATED.

CURB & GUTTER @ CONCRETE PAVING - SEE DETAIL 1
 / 08.0

(5) CONCRETE SIDEWALK - SEE DETAIL 19 / C6.0 & 28 / C6.1 FOR SIDEWALKS AROUND BUILDING ACCESSBLE RAMP - SEE DETALL 6 & 19 / C6.0
(16) MAX. SLOPE 1:12 (8.33%) , MAX. CROSS SLOPE 1:50
(2.00%) TRUNCATED DOME 10 BE A CONTRASTING
COLOR.

17) NEW LANDSCAPE AREA - PROVIDE 3° TOPSOIL & SOD. SEE SHEET C7.0 FOR ADDITIONAL INFORMATION

(19) SLOPE GRADE FROM BACK OF CURB DOWN TO MATCH THE EXISTING GRADE AT THE PROPERTY LINE

20) PYLON SIGN TO BE PERMITTED SEPARATELY

(21) LOADING AREA: SLOPE AT MAX. 2-1/2% AWAY FROM BUILDING.

(NOT USED)

(23) (NOT USED)

(13) 4" WIDE DIAGONAL STRIPES PAINTED WHITE AT 2 FT. O.C.

THE CONTRACTOR SHALL EMPLOY ALL NECESSARY BARRICUSES, SIGNS, FENCES, FLASHING LIGHTS, FLAGMEN, ETC. FOR MAINTENANCE AND PROTECTION OF TRAFFIC AS REQUIRED BY TOWN OF APEX MO THE NORTH CHOLUNA DEPARTMENT OF TRANSPORTATION. REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL SHAWDES AND DEVICES. LIGHTS EDITION, FOR DETAILS OF TRAFFIC CONTROL STRAMMENS AND DEVICES.

VICINITY MAP

.

2. THE CONTRACTOR SHALL PROTECT ALL MONUMENTS, IRON PINS, AND PROPERTY CORNERS DURING CONSTRUCTION.

3. APPROVAL OF THESE PLANS IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION WUST BE CRETANED FROM THE AFFECTED PROPERTY OWNERS.

4. COORDINATE ALL CURB AND STREET GRADES IN INTERSECTIONS WITH INSPECTOR.

5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION "STANDARD DETAILS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND APPLICABLE TOWN OF APEX CODES AND ORDINANCES. THE CONTRACTOR SHALL MAINTAIN A CURRENT EDITION OF THE STATE AND LOCAL CODES, ORDINANCES, STANDARD SPECIFICATION AND STANDARD DETAILS ON THE PROJECT SITE FOR REFERENCE DURING CONSTRUCTION OF THE PROJECT.

7. THE CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS FROM PROPOSED FEATURES TO EXISTING FEATURES AS NECESSARY.

8. THE CONTRACTOR SHALL SEAL THE EDGE OF EXISTING ASPHALT PAVEMENT WITH TACK COAT IN ACCORDANCE WITH THE NORTH CARGUNA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS INHERE NEW PAVEMENT JOINS EXISTING PAVEMENT.

11. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF TRUCK DOCKS, EXIT DOCKS, SDEWALKS, PRECISE BULDING DIMENSIONS, AND EXACT BULDING UTILITY EXTREMES LOCATIONS.

13. CONTRACTOR SHALL INSTALL ACCESSIBLE RAMPS PER LOCAL MUNICIPALITY AND ADA STANDARDS AT ALL DRIVE AND BUILDING LOCATIONS AS REQUIRED.

17. ALL SDEWALK CURB AND GUTTER STREET PAVING, CURB CUTS, DRIVENAY APPROACHES, HANDICAP RAMP, ETC. CONSTRUCTED OUTSDE THE PROPERTY LINE IN THE RICHT-OF-WAY SHALL CONFORM TO ALL MUNICIPAL AND/OR STATE SPECIFICATIONS AND REQUIREMENTS.

18. FOR AREAS OUTSIDE THE PROPERTY LINES, REPAIR AND/OR REPLACE ALL DAMAGE DONE TO EXISTING ELEMENTS (SIDEMALKS, PAVING, LANDSCAPING, ETC.) AS REQUIRED BY OWNER AND/OR COVERNING AUTHORITY.

19. FOR PROPOSED UTILITY LOCATIONS, SEE THE UTILITY PLAN.

TRAFFIC CONTROL NOTES:

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH
AND/OR NCOOT STANDARDS.
 THE CONTRACTOR SHALL CONDUCT THE WORK IN A SAFE MANNER AND WITH
A MANDAM AMOUNT O'N INCONVENENCE TO TRAFFIC.

 THE CONTRACTOR SHALL E RESPONSEE FOR ALL TRAFFIC CONTROL AND

THE STATE OF THE WORK.

SHORT TO CORRESPOND RECOMEND, ADDRESS AND MORE AND TRAFFIC CONTROL.

PRECONTRACTOR SPAIL, REPARK ALL DAMAGED INTRASSIGNIES IN the SHORT-OF-ANY AND RESTORE IT TO PREVIOUS OR BETTER COMMITION.

AND RESTORE IT TO PREVIOUS OR BETTER COMMITION.

AND RESTORE IT TO PREVIOUS OR BETTER COMMITION.

ALL SCREAMS USER IT RECONSISTED TO SHORT WE WOULD!

ROUTS AND ALTERNATE PRESSURES HOUSE CAMPAGE CONSISTENCIAN BULL

ROUTS AND ALTERNATE PRESSURES HOUSE CAMPAGE CONSISTENCIAN BULL

RECONDED TO SECOMENT WITH THE PARIS CHARGE CONSISTENCIAN BULL

RECONDED TO SECOMENT WITH THE PARIS CHARGE CONSISTENCIAN BULL

RECONDED TO SECOMENT WITH THE PARIS CHARGE CONSISTENCIAN BULL

RECONDED TO SECOMENT WITH THE PARIS CHARGE CONSISTENCIAN BULL

RECONDED TO SECOMENT WITH THE PARIS CHARGE CONSISTENCIAN BULL

RECONDED TO SECOMENT WITH THE PARIS CHARGE CHARGE CONSISTENCIAN BULL

RECONDED TO SECOMENT WITH THE PARIS CHARGE CHARGE CHARGE CHARGE

THE DISTRICT OFFICE OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NODOT) MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL E EXPONENCE FOR ALL TRAFFIC CORTEC, AND ALL ARREST TO REPROMODED OF THE MEDIT (MOST GREENET EXTENDED AND ALL ARREST TO REPROMODED OF THE MEDIT (MOST GREENET EXTENDED AND CUTY OF RALIDATI INSCRIPTION FOR THE MEDIT (MOST AND CUTY OF RALIDATION FOR THE MEDIT (MOST

BRITADEADERSANCE OF SERVICE STATE OF SER

THE CONTRACTOR SHALL BACKFILL AT 8:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS A DROP-OFF OF MORE THAN WHEN BACKFILL IS REQUIRED, IT SHALL BE AT NO EXPENSE TO THE OWNER,

THE CONTRACTOR SHALL NOT WORK SMULTANEOUSLY ON BOTH SIDES OF AN OPEN TRAVEL WAY WITHIN THE SAME LOCATION ON A TWO-LANE, TWO-WAY ROAD.

THE MAXIMUM LENGTH OF A LANE CLOSURE ON THE PROJECT SHALL BE ONE MILE, MEASURED FROM THE BEGINNING OF THE MERCE TAPER TO THE END OF THE LANE CLOSURE.

TRAFFIC MUST BE MAINTAINED AT ALL TIMES AND TRAFFIC CONTROL MUST. COMPLY WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEWGES (MUTCO) AND WITH THE CURRENT EXPRISE OF THE NODOT STANDARDS AND SPECIFICATIONS.

ALL LANES OF TRAFFIC ARE TO BE OPEN DURING THE HOURS OF 8:00 AM TO 9:00 AM AND FROM 4:00 PM TO 8:00 PM. A MINIMUM OF ONE 12-FOOT LANE SHALL BE MAINTAINED AT ALL TIMES. ALL ROADWAY SIGNS WHICH ARE TO BE REMOVED DURING CONSTRUCTION ARE TO BE REINSTALLED AS SOON AS POSSIBLE.

DURING NON-WORKING HOURS, EQUIPMENT IS TO BE PARKED AS CLOSE TO THE RIGHT OF WAY LINE AS POSSIBLE AND BE PROPERLY BARRICADED IN ORDER TO PREVENT ANY EQUIPMENT OBSTRUCTION WITHIN THE TRAVEL LANE.

ALL CONTRACTORS DOING WORK WITHIN STATE RIGHT OF WAY ARE TO HAVE A COPY OF THESE PLANS ON THE JOB STE.

WHEN LAME CLOSURES ARE NOT IN EFFECT, CHAMNELIZING DEVICES IN WORK AREAS SHALL BE SPACED NO GREATER THAN TWICE THE POSTED SPEED LIMIT, EXCEPT 10' ON-CENTER IN RADII, AND SHALL BE SET 3' OFF THE EDICE OF AN OPEN TRAVELIA

DURING INSTALLATION, PROPER TRAFFIC CONTROL DEVICES, SIGNS, ETC. BE INSTALLED TO ENSURE PUBLIC SAFETY IN ACCORDANCE WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S STRADARDS AND SPECIFICADING.

ALL DISTURBED AREAS ARE TO BE FULLY RESTORED TO NODOT MINIMUM ROADWAY STANDARDS. MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE NCDOT ROADWAY STANDARDS AND SPECIFICATIONS (LATEST EDITION).

SIGHT TRIANGLE NOTE WITHIN THE SIGHT TRIANCLES SHOWN ON THIS PLAN, THERE SHALL BE NO SIGHT OBSTRUCTING OR PARTLY OBSTRUCTING WALL, FENCE, SIGN, FOLLAGE BERNLS, OR PARKED VEHILLES ENTERED THE HEIGHT OF 24 INCHES AND EIGHT FEET ABOVE THE CURB LINE ELEVATION OR THE NEAREST TRAVELED WAY IF NO

POB -N 729,151.89 E 2,114,981.60

OCK QUARRY ROAD (S.R. 2542) Versobe Width Public Right of Way)

TREET WORK THE CONDITION EXECUTION OF THE REPORTS INVALCED WITH STATES.

OBJECTS, WHICH MAY BE LOCATED IN THE SIGHT TRANSLE, ARE ITEMS SICH AS: HORMANS, UTILITY POLES, UTILITY JUNCTION BOOKS, AND TRAFFIC CONTROL DEVICES PROVIDED BY THESE OBJECTS ARE LOCATED TO MINIMIZE WISHAL OBSTRUCTIONS.

ALL STREETS SHOWN ON THESE PLANS SHALL HAVE THE FULL WIDTH OF THE RIGHT-OF-MAY CLEARED AND GRADED WITHIN 50 FEET OF ALL STREET INTERSECTIONS. THE FULL WIDTH OF THE RIGHT-OF-WAY SHALL BE CLEARED AND GRADED ALONG ALL MAJOR, NINCR, & SENSITIVE AREA THOROUGHFARES.

CONSTRUCTION DRAWING NOTE ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH AND/OR NCDOT STANDARDS AND SPECIFICATIONS

AMENITY AREA CALCULATION

TOTAL AREA: 1.651 AC (67,991 SF)
AMENITY AREA REQUIREMENT: 10% OF PROPERTY
67,991 SF X 10% = 6,799 SF

BUIL	DING FRONT	AGE CALCULATION	
REQUIREMENTS		PROVICED	
OCK QUARRY	PRIMARY STREET BUILD-TO MM. BUILD-TO LINE = 5 FT MAX. BUILD-TO	SHEET HIGHT-OF-WAY LENGTH # 121 LF PROPOSED BUILDING WIDTH BI 100 FT BUILD-10 = 96 LF	
	UNE = 100 FT		

PAVEMENT LEGEND STANDARD DUTY PAVEMENT PZZZZZZZ HEAVY DUTY PAVEMENT IMPERVIOUS SUMMARY TABLE

ON-SITE AREA = 67,991 SF (1.561 AC)

BUILDINGS

PROPOSED PAVEMENT

TOTAL IMPERVIOUS AREA

GREEN/OPEN SPACE EXISTING IMPERVIOUS AREA

(19)

HATCH PATTERN INDICATES AMENITY AREA (5,114 SF)

18

20' PROPOSED CROSS ACCESS EASEMENT A

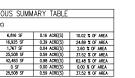
- AUGO ZOM3-

GRAPHIC SCALE

(IN PEET) 1 inch = 30 ft.



17)



Know what's below.

Call before you dig.

PARK	NG CALCULATIONS	
ITEN	REQUIREMENTS	PROMDED
BUILDING SIZE		6,816 SF
PARKING MAXINUM	1 SPACE PER 200 SF OF GFA PLUS 1.5 SPACES FOR EVERY 600 SF OF OUTDOOR DISPLAY AREA	31 SPACES
MIN. PARKING DIMENSION	8.5 FT X 18 FT	9 FT X 18 FT
MIN, DRIVEWAY AISLE	22 FT	24 FT
HANDICAP SPACES	2 HANDICAP SPACES	2 SPACES
LOADING SPACES		1 SPACE
BICYCLE SPACES (SHORT	1 SPACE PER 5000 SF OF	4 SPACES

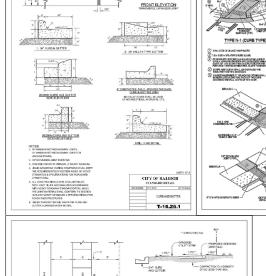
ROADWAY PLAN (ROCK QUARRY)

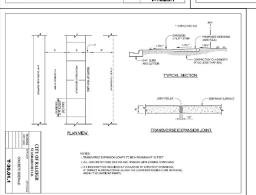
DATE DESCRIPTION JA XXX XXX
DESIGN DRAWN CHKD
SCALE W: 1' = 30' IOB No. 220065-01-001

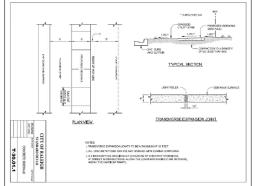
DATE SEPT. 25, 2023 FILE No. ASR-0057-2023

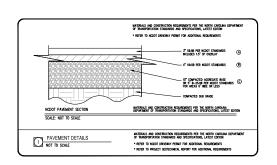
C3.1

011020110 CME WAY BLDG. AREA = 6,816 SF± 154.51° -- 1073° 51° 57° N/F L&L TREE & TURF FARMS, LLC PIN: 1712590569 DB. 15882, PG. 1976 ZONE: R-4 PCB N 729,151.89 E 2,114,981.60 T13 - YELLOW DOUBLE CENTER (4", 90 MIL - NCDOT STD 1205.01) (LIGHT GRIND TO REMOVE EXISTING, CONFLICTING MARKINGS) VICINITY MAP









TYPE N-1 (CURE TYPE)

053964808.5

Ships

HOLISTFON CARE IN S

TYPE N-1A (FLARE TYPE)

TYPE N-2 (TEE INTERSECTION)

TYPE N-2 (RADIUS)

CURS RAMPS (NEW DEVELOPMENT)

T-20.01.2

760°, 100013100 236°, 826

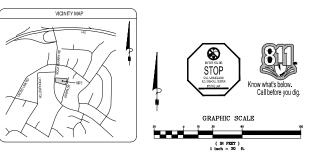
TRANSVESSE SECTION FOR CONCRETE PAYERENT

TRANSVENSE SECTION PGS. FLEXIBLE PAVENENT

POST MORE THOUSAND MEN'S TO BE MAN OF THE THOUSAND TO BE MAN CORES.

CITE COTTON A

SELECT AND THE CONTROL OF THE PARTY OF THE CONTROL OF THE CONTROL



Cad file name: V:\220065 - AutoZone #5783 Roleigh NC\220065-01-001 (ENG) - AutoZone #5783 PO US DEV-0000140855\Engineering\En;

PLAN

4006 BARRETT I Suite 104 RALEIGH, NC 27 Phone: (919)5554

LUMOZAJIOS FILE #: ASR-0057-2023 2003 ROCK QUARRY ROAD EIGH, NC WAKE COUNT

❸ STOP

2/23 ⚠ ASR 2ND SUBMIT /24 ⚠ ASR 3RD SUBMIT JA XXX XXX DESIGN DRAWN CHKD SCALE IOB No. 220065-01-001 DATE SEPT. 25, 2023

C4.0

EROSION CONTROL NOTES:

LEGEND: TS.....TOP OF SIDEWAL TC.....TOP OF CURB GT.....GUTTER FLOW LIN

TW.....TOP OF WALL

BW......BOTTOM OF WALLCATCH BASIN GL.....GRATE INLET FES.....FLARED END SECTION
YI......YARD INLET
GR.....GROUND
FLOW DIRECTION ARRI AN EROSION AND SEDIMENTATION CONTROL PERMIT SHALL BE REQUIRED BY CITY OF RALEIGH PRIOR TO START OF CONSTRUCTION.

ALL EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION TAKEN FROM A LAND SURVEY PREPARED BY: SURVEY MATTERS.

STREAM/METLAND NOTE:

THERE ARE NO EXISTING STREAM/AND OR WETLAND FEATURES ON THE PROPOSED PARCEL.

THE PROPERTY IS LOCATED IN FLOOD ZONE X (MINIMAL FLOOD HAZARD) AS PER FEMA FLOOD PANEL 3720171200K, DATED JULY 19, 2022. MAPS SUBJECT TO CHANGE BY FEMA.

CONSTRUCTION DRAWING NOTE

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH AND/OR NCDOT STANDARDS AND SPECIFICATIONS

GRADING NOTES:

- 1. REFER TO THE SITE PLAN FOR RELATED NOTES.
- 2. ALL CONTOURS AND SPOT ELEVATIONS REFLECT FINISHED GRADES.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING EXIST UTILITIES, AND SHALL REPAIR ALL DAMAGE TO EXISTING UTILITIES THAT OCCUR DURING CONSTRUCTION.
- 6. THE CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY TO TRANSITION BACK TO EXISTING GRADE.
- LIMITS OF CLEARING SHOWN ON GRADING PLAN ARE BASED UPON THE APPROXIMATE CUT AND FILL SLOPE LIMITS, OR OTHER GRADING REQUIREMENTS.
- THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE SO THAT RUNOFF WILL DRAIN BY GRAVITY FLOW ACROSS NEW PAVEMENT AREAS TO NEW OR EXISTING DRAINAGE INLETS OR SHEET OVERLIND.
- ANY GRADING, BEYOND THE LIMITS OF CONSTRUCTION AS SHOWN ON THE GRADING PLAN, IS SUBJECT TO A FINE.
- GRADING MORE THAN ONE ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS SUBJECT TO A FINE.
- STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON DENUDED AREAS AND ESPECIALLY WHEN THE CONSTRUCTION SEQUENCE REQUIRES IT.
- ALL GRADED SLOPES ARE TO BE SEEDED OR LANDSCAPED WITHIN 15 DAYS OF COMPLETION OF GRADING. ALL. REMAINING AREAS ARE TO BE SEEDED WITHIN 30
- 14. EXISTING GRADES, CONTOURS, UTILITIES AND OTHER EXISTING FEATURES FROM FIELD RUN SURVEY
- THE CONTRACTOR SHALL INCLUDE IN THE CONTRACT PRICE ANY DEWATE NECESSARY TO CONSTRUCT THE PROJECT AS SHOWN ON THE PLANS.
- 16. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SHETTING, SHORNIG, REACHING AND STEAL EXCLANTION MEASURES REQUIRED TO MEET GOME, REPERAL, STAF, AND LOCAL REQUALITIONS PURSUANT TO THE MISTILLATION OF THE WORK INDICATED ON THESE DEVANNOS. THE DESIGN DISHOLATED ACCEPTS NO RESPONSIBILITY FOR THE DESIGNS, TO INSTILL AND ITSUS.
- THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATION, ELEVATION, AND DIMENSIONS OF EXIT DOORS, RAMPS, BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- 18. ALL FILL MATERIALS, EXISTING BUILDING FOUNDATIONS, PAVEMENT AND UTILITY STRUCTURES, TOPSOL, AND ANY OTHER DELETERIOUS MATERIALS SHALL BE COMPLETELY REMOVED FROM WITHIN THE BEARING ZONE BELOW THE STRUCTURE.
- 19. ALL FOUNDATION EXCAVATION SHALL BE INSPECTED BY A QUALIFIED GEOTECHNICAL REPRESENTATIVE TO DETERMINE WHITHER UNISUITABLE MATERIAL MUST BE REMOVED. ALL UNDESPABLE MATERIAL SHALL BE REMOVED, BACKFILLED AND COMPACTED AS REQUIRED BY THE GEOTECHNICAL REPRESENTATIVE.
- 20. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED OR DEPICTED.
- The contractor shall adhere to all terms & conditions as outlined in the general N.P.D.E.S Permit for Stormwater discharge associated with construction activities.
- CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
- CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAYED AREAS.
- ALL UNSURFACED AREAS DISTRURBED BY GRADING OPERATION SHALL RECEIVED INCHES OF TOPSOL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H: IV OR STEEPER.
- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.

CATCH BASINS, MANHOLES, FRAMES, GRATES, ETC. SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD DETAILS AND SPECIFICATIONS. 4. STORM PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED: TYPE 1: ROP, CLASS III PER ASTM C-76, WITH FLEXIBLE PLASTIC BITUMEN GASKETS AT JOINTS.

ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.

VICINITY MAP

Type 2: High Density Polyethylene Pipe (HDPE) — Aashto Designation M252
Type 5, M294 Type 5 and MP7-97 Type 5, Swooth Interior/Annular Exterior
ONLY Permitted When Specifically Indicated on the Construction Drawings.

TYPE 3: RCP, CLASS IV PER ASTM C-78, WITH FLEXIBLE PLASTIC BITUMEN GASKETS AT JOINTS.

- ALL STORM DRAINAGE WITHIN THE PUBLIC RIGHT-OF-WAY OR PUBLIC EASEMENTS SHALL BE CLASS III REINFORCED CONCRETE PIPE PER ASTM C-76, WITH FLEXIBLE PLASTIC BITUMEN GASKETS AT JOINTS.
- A MINIMUM GRADE OF 0.50% SHALL BE MAINTAINED ON ALL PIPES, UNLESS OTHERWISE NOTED.
- 7. ALL PIPE LENGTHS AND SLOPES ARE APPROXIMATE.
- ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHOD.
 - EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
 - UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:
 - EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDMENT TRAPPING DEWCE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROCERTY.
 - MATERIAL USED FOR BACK-FILLING TRENCHED SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
 - DESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE EROSION AND SEGMENT CONTROL REGULATIONS.
 - IF ANY EXSTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EUSTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
 - ALL STORM PIPES ENTERING STRUCTURES SHALL BE GROUTED OR SEALED TO MANUFACTURE'S SPECIFICATIONS TO ASSURE CONNECTION AT STRUCTURE IS MATERITICHT.
- ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT IN TO INVERT OUT.
- SHALL BE 6" ABOVE FINISH GRADE, LIDS SHALL BE LABELED "STORM SEWER" STRUCTURE TOP ELEVATIONS SHOWN HERE ARE APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.
- 16. RIM ELEVATIONS AS NOTED ARE TO THE GUTTER FLOW LINE.



STORM DRAIN STRUCTURE SCHEDULE INVERTS FES#200 15" FES 250.39 INV IN=249.00 (NW) OCS#201 OUTLET CONTROL STRUCTURE 265.50 INV OUT=252.00 (SE)

	STORM DRAIN PIPE SCHEDULE							
FR	ОМ	TO	LENGTH	SLOPE	SIZE	TYPE / CLASS	FROM (FT)	ľ
ocs	# 201	FES#200	61'	4.88%	15"	HDPE	252.00	Ī

annimum

INV IN=266.70 (W) CB#102 NCDOT 840.02 272.30 INV OUT=266.50 (NE) STORM DRAIN PIPE SCHEDULE INV IN=267.60 (N) INV OUT=267.40 (E) CB#103 NCDOT 840.02 273.00 FROM TO LENGTH SLOPE SIZE TYPE / CLASS FROM (FT) TO (FT) CB#101 FES#100 27' 5.60% 15" HDPE CB#104 Yard Inlet 273.30 INV OUT=268.10 (S) CB#102 CB#101 86' 0.58% 15" HDPE INV IN=269.80 (N) INV OUT=269.70 (E) INV IN=269.80 (S) CO#105 | CLEANOUT CB#103 CB#102 124' 0.57% 15" HDPE CB#103 91* 0.55% 15" HDPE INV IN=270.30 (N) INV OUT=270.30 (S) CO#106 CLEANOUT CO#105 CB#101 69' 2.03% 8" PVC CO#108 CO#105 25' 2.00% 8" PVC CO#107 CLEANOUT 274.38 INV OUT=270.80 (S) CO#106 CO#105 25' 2.00% 8" PVC CO#108 CLEANOUT INV OUT=270.30 (N) 274.83

CO#107 CO#106 25' 2.00% 8"

INV IN=266.00 (SW) INV OUT=263.50 (E) -MATCH EXISTING PAVEMENT

275 88 TP

26_274

TO STORWWATER PIPE SE SHEET C6.0 DETAIL

24070110

CO#106-

263.50 262.00

266,50 266.00

267.40 266.70

268.10

269.70 268.30

270.30 269.80

270.30 269.80

270.80 270.30

PVC

267.60

PROPOSED-RIGHT OF WAY

STORM DRAIN STRUCTURE SCHEDULE

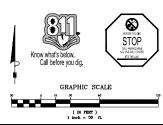
263.13

TYPE

CB#101 NCDOT 840.02

FES#100 FLARED END SECTION

RIM



INV IN=262.00 (W)

DATE DESCRIPTION JA XXX XXX DESIGN DRAWN CHKD SCALE W. IOB No. 220065-01-001 DATE SEPT. 25, 2023 TILE No. ASR-0057-2023

C5.0

STANDARD UTILITY NOTES

WATER SERVICE

- STANDARD UNITLY DOTS

 ALM MICHINES AS CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH OITY OF PALLICH DESIGN

 STANDARDS, CEPILAS AS SECONTAINONS (RESPERCISE CORPUS HANGBOOK, CURRENT EDITION)

 1. ALL TURNS SHAPPING MEDICINED.

 1. ALL TOURS SHAP

- UTILISE DRECTOR. ALL DETAINES ARE REPARRED RIVEN OUTSIGE DAMERTS TO OUTSIGE.

 DAMET DE AMOSTIMINE DE CONTROLLE DAMES DE CONTROLLE DAMES DAMES DE CONTROLLE DAMES DE CONTROLLE DAMES DE CONTROLLE DAMES DE CONTROLLE DAMES DE CONTROLLE DA LA LORGE DAMES DE CONTROLLE DE CONTROLLE DA LA LORGE DAMES DE CONTROLLE DE CONTROLLE DA LA LORGE DAMES DE CONTROLLE
- JOS WINNING CORES ESCURED DI ALL BATTE MANGE A STREET FORCIMANS. ANY MANAGEME CHES. (SOUR MANGE).

 THE SECRETION AND ASSESSMENT OF A STREET MANGE OF REAL STREET MATERIAL STREET, SOUR STREET, ASSESSMENT OF A STREET MANGE OF THE ASSESSMENT OF THE A

- A/OR FIRM. TOR ANY REPARKS SETTE, RELIAND A/OR FLOOR-AND WANCES (SEZECINELY) PORCE

 AND CONT / MANADOD MORNAMENTA MERCHINESTS WE SECURED FOR WITH THIS OR (SELECTION)

 AND COLFERENCE SERVICE AND STRIP STATE OR RANDOD FOR PROSE TO CONSTRUCTION

 AND COLFERENCE SERVICE AND STRIP STATE OR RANDOD FOR PROSE TO CONSTRUCTION

 SELECTION STATE OF A SERVICE AND STRIP COLFERENCE AND ADMINISTRATION OF A STATE OF A SERVICE AND ADMINISTRATION OF A SERVICE AN

SITE PERMITTING APPROVAL

WATER AND SEWER PERMITS (IF APPLICABLE)

THE CITY OF RALEIGH CONSENTS TO THE CONNECTION TO THE CONNECTION AND EXTENSION OF THE CITY'S PUBLIC SEVER SYSTEM AS SHOWN ON THIS FLAN. THE MARERIAL AND CONSTRUCTION METHODS USED FOR THIS PROJECT SHALL CONFORM TO THE STANDARDS AND SPECIFICATION OF THE CITY'S PUBLIC UTILITIES HANDBOOK

CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT PERMIT # S-____

THE CITY OF RALEICH CONSENTS TO THE CONNECTION AND EXTENSION OF THE CITY'S PUBLIC WATER SYSTEM AS SHOWN ON THIS PLAN. THE MATERAL AND CONSTRUCTION HETHODS USED FOR THIS PROJECT SAULL CONFORM TO THE STANDARDS AND SPECIFICATION OF THE CITY'S PUBLIC UTILITIES HANDBOOK.

CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT PERMIT # W-____

CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION

PLANS FOR THE PROPOSED USE HAVE BEEN EXTENSE FOR GENERAL COMPUTANCE WITH APPLICATION CONTINUES AND AUTHORATION OF OWNERANCE WITH APPLICATION CONTINUES AND AUTHORATION OF THE PROPERTY OWNER, ESCAL CONSIDERATION FOR POPERTY OWNER, ESCAL CONSIDERATION FOR POPERTY OWNER, ESCAL CONSIDERATION FOR POPERTY OWNER, ESCAL CONTINUES AND CONSIDERATION FOR POPERTY OWNER, ESCAL CONTINUES AND CONSIDERATION FOR POPERTY OWNER, ESCAL CONTINUES AND CONSIDERATION FOR THE POPERTY OWNER, ESCAL CONTINUES AND CO

ELECTRONIC APPROVAL: THIS APPROVAL IS BEING ISSUED ELECTRONICALLY. THIS APPROVAL IS VALID ONLY UPON THE SIGNATURE OF A CITY OF PALLER HEVEW OFFICER BELOW. THE CITY WAIL RETAIN CAPPY OF THE APPROVAD HAVES, ANY WORK AUTHORIZED BY THIS APPROVAL WIST PROCEED IN ACCORDANCE WITH THE PLANK KEPT ON LEWITH THE CITY. THIS ELECTRINIC APPROVAL WAY NOT BE ENTED ONCE ISSUED. ANY MODIFICATION TO THIS APPROVAL ONCE ISSUED WILL INVALIDATE THIS APPROVAL.

MTV OF PALEION DEVELOPMENT ADDROVAL SEE DIGITAL SIGNATURE

NOTES:

- WHEN METERS FOR COMMERCIAL DOMESTIC OR RESIDENTIAL/COMMERCIAL
 RIBRATION MILL TO BE INSTITULED WITH, THE INSTITULTION HAS PASSED
 RIBRATION MILL STEE HE WINS JOE OF AN EXPOSED, THE
 TOWN MILL SET HE WINS JOE OF AN EXPOSED CONNECTION. THE ORDING HE WINS JOE OF AN EXPOSED FOR THE ORDING HE WINS JOE OF AN EXPOSED OF THE THE ORDING HE WINS JOE OF AN EXPOSED OF THE ORDING HE WINS JOE OF AN EXPOSED OF THE ORDING HE WINS JOE OF AN EXPOSED OF THE ORDING HE WINS JOE OF AN EXPOSED OF THE ORDING HE WINS JOE OF AN EXPOSED OF THE ORDING HE WINS JOE OR THE WINS JOE OR THE ORDING HE WINS JOE OR THE ORDING JOE OR THE ORDING HE WINS JOE OR THE ORDING HE WINS JOE OR THE ORDING JOE OR THE ORDING JOE OR THE ORDING JOE OR THE ORDING J

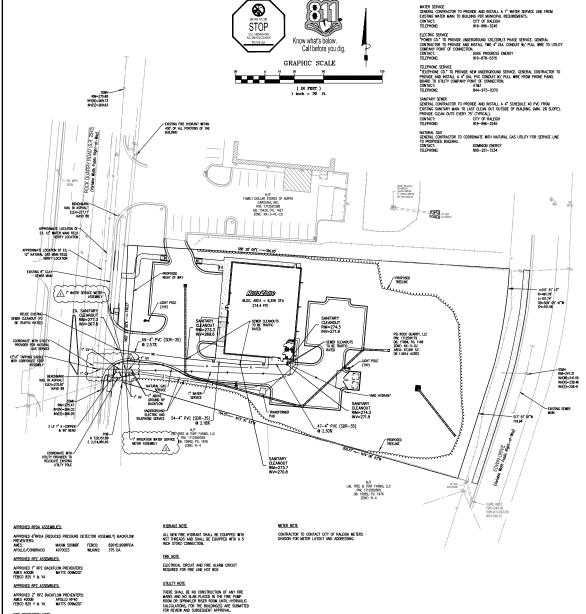
CITY OF RALEIGH ATTENTION CONTRACTORS

- THE CONSTITUTION CONTRICTOR SEPROGRAF FOR THE EXTENSION OF WATER, THE CONTRICTOR CONTRICTOR SEPROGRAF FOR THE EXTENSION OF WATER, CONTRICTION THE FIRST WORST CEPTAREDIA AT (1919) 996-2969, AND THE SEPROGRAF THE SEPARATION AT (1919) 996-2969, AND THE SEPARATION AT CONTRICTOR AT A RESILT OF THE SEPARATION ATEMAL OF DOWNSTRUCTURE ATEMAL OF THE SEPARATION ATEMAL OF THE SEPARATI



UTILITY NOTES

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH CITY OF RALEIGH STANDARD DRAWNOS AND SPECIFICATIONS.
- IN THE EVENT THAT A UTILITY ITEM IS NOT COVERED BY THESE PLANS, THEN THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT HANDBOOK OVERING SUCH ITEMS SHALL APPLY.
- WATER SERVICES 3/4—INCH TO 2—INCH SHALL BE TYPE "N" SOFT COPPER, ALL OTHER WATER MAINS, SERVICES, AND FITTINGS SHALL BE CEMENT—UNED DUCTILE IRON PIPE PER CITY OF PAINTENT STANDARDS AND SEPCIENCATIONS.
- GRAVITY SANITARY SEWER MAINS SHALL BE DUCTILE IRON PIPE OR PVC PIPE, AS SPECIFIED IN THESE PLANS AND CITY OF RAIDOH STANDARDS AND SPECIFICATIONS. SANITARY SEWER SERVICES SHALL BE SOFTENLE 40 PVC.
- CLEAN-OUT SYMBOLS SHOWN ON THESE PLANS REPRESENT LOCATION OF SURFACE ACCESS POINT. CONTRACTOR SHALL LOCATE WYE APPROPRIATELY BASED ON PIPE DEPTH.
- ALL MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF RELIGH STANDARDS MANHOLE DIAMETER SHALL VARY DEPENDING ON PIPE DIAMETER AND DEPTH, PER CITY OF RAFFICH STANDARDS
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING RECORD DRAWNOS TO THE ENCINEER SHOWING THE LOCATION OF WATER AND SEWER SERVICES AND ANY DEMATIONS FROM PLANS MADE DURING CONSTRUCTION. THE ENGINEER WILL PROVIDE THESE RECORD DRAWNOS TO THE OWNER.
- 9. WATER MAINS SHALL HAVE A MINIMUM COVER OF 36° BELOW PROPOSED GRADE.
- ALL UNDERGROUND UTILITIES AND FIRE HYDRANTS MUST BE FUNCTIONALLY APPROVED PRIOR TO STRUCTURAL CONSTRUCTION.
- 11. THRUST BLOCKS SHALL BE PROMDED AT ALL BENDS, TEES, AND FIRE HYDRANTS
- 12. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
- ALL WATER AND SANITARY LEADS TO BUILDING SHALL END 5' OUTSIDE THE BUILDING LIMITS AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT END.
- 14. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
- CENERAL CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THIS SYSTEM PRIOR TO INSTALLATION.
- ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR SHALL NOTIFY THE WATER AUTHORITY INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
- ALL UTILITIES SHOULD BE KEPT TEN (10") APART (PARALLEL) OR WHEN CROSSING 24" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
- PRESSURE REDUCING VALVES WILL BE REQUIRED ON THE DOMESTIC WATER MAINS IF THE STATIC PRESSURE AT THE BUILDING EXCEEDS 80PS.
- On the Episto of A wereld conforce of the Sample Samples Samples (Design As a person of the Samples Samples Samples (Design As deposited the Samples Samples (Design As deposited Design Samples Samples (Design As deposited Design Samples S
- 21. DRAWNOS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES. EXISTING UTILITIES SHALL BE VERFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
- Contractor is responsible for complying to the standards and specifications of the city of religin with regards to materials and installation of the water and space lines.
- WITH THE PROFICES AND PROFILE STATE OF THE CHARGE WITH THE CURRENT AND CONTRICTION METHODS AND METHOD STATE AND CONTRICTION OF THE PROFILE STATE OF THE ANGELOW METHOD STATE AND CONTRICTION OF THE ANGELOW METHOD STATE AND CONTRICTION OF THE ANGELOW METHOD STATE OF THE CONTRICTION AND COTT AT THE ANGELOW METHOD STATE OF THE ANGELOW METHOD
- 25. THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE BELOW PLAN GRAZE ANY MATERIALS MICH ARE UNSUTRALE FOR FOUNDATIONS, SUR GRADES, PRE TENENCH BOTTOMS FOR OTHER PURPOSES. AND BOACHLILINESS AREAS WITH AN EXPONENT OF THE EXTENT OF AREAS WITH AN EXPOSE OF THE EXTENT OF AREAS WITH AN STREET ROAT—OF—MAY AND THE DIVINEER IN OTHER AREAS. COMPENSATIO SHALL BE AS SET FORTH IN THE CONTRACT DOUBLES.
- 26. A MINIMA MERICAL SEPARATION OF 24° SHALL RE MAINTAIND RETHERS SANITARY SERRE AS MATERIAL RESPONDANCE OF 24° SHALL RE CONTRIBUTION WERE MATERIAL RESPONDANCE CONTRIBUTION OF MATERIAL RESPONDANCE CONTRIBUTION OF MATERIAL RESPONDANCE SHALL RESPON
- 27. ALL WATERLINES SHALL HAVE BURIED WITH THE PIPE # 12 COATED ELECTRIC WIRE AND BROUGHT UP INTO THE METER BOXES.
- 28. THE CONTRACTOR SHALL PROVIDE A SURVEY AS—BUILT RECORD DRAWING OF THE SANITARY STEER SYSTEM AND THE WATER DISTRIBUTION SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF RACIFIED UTILITY DEPARTMENT.



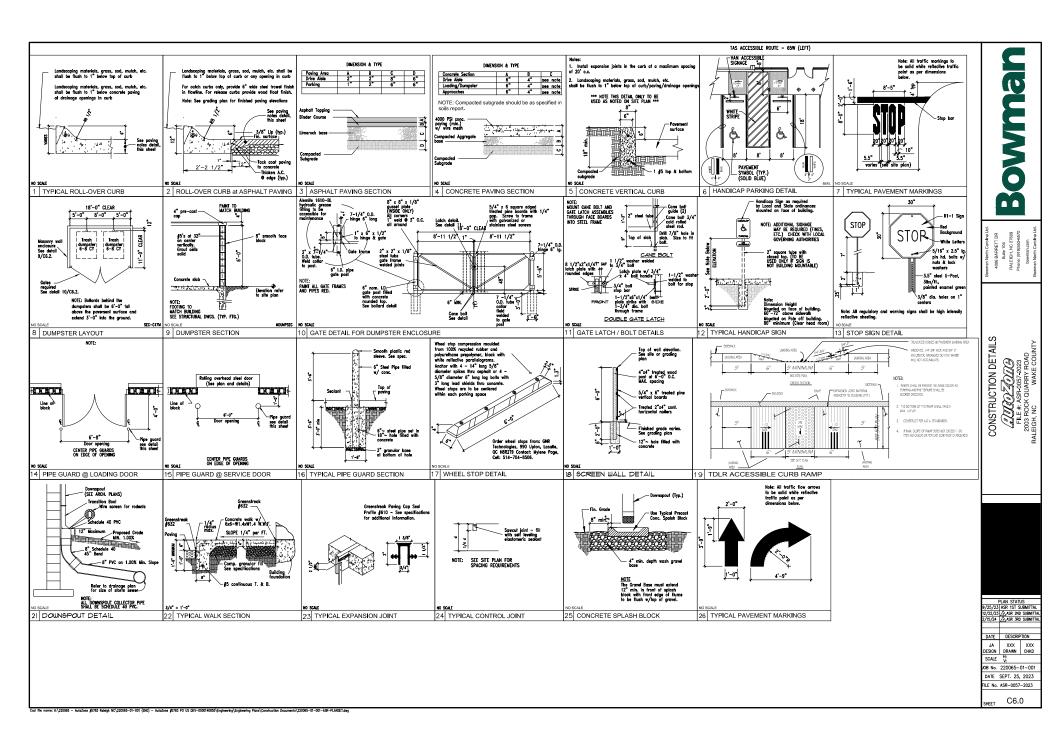
CITY OF RALEIGH BFP NOTE:

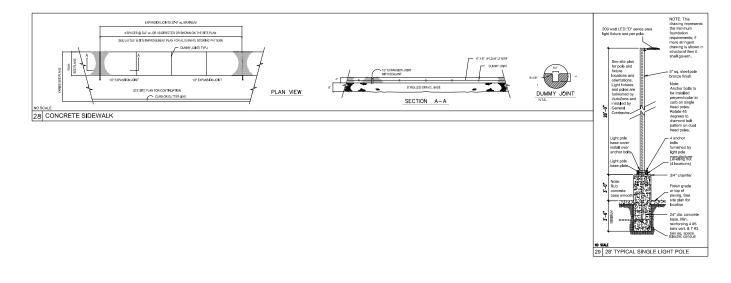
LEAD FREE RP BFP'S PER TOWN SPEC/DETAIL AND USC CODE APPROVAL

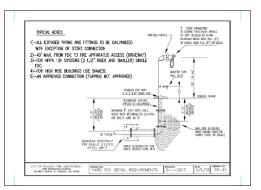
APPROVED 2" RPZ BACKFLOW PREVENTERS: AMES 40008 APOLLO RP40 FEBCO 825 Y & YA WATTS 009M20T

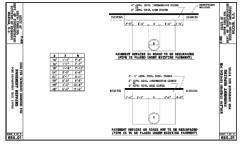
COMPLY WITH REQUIREMENTS FOR FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION. (CHAPTER 33, 2018 NC FIRE CODE, NFPA 241 AND CHAPTER 33, 2018 NC BUILDING CODE

FIRE PROTECTION NOTE









CONSTRUCTION DETAILS

FILE #: ASR-0057-2023
FILE #: ASR-0057-2023
Z003 ROCK QUARRY ROAD
RALEIGH, NC WAKE COUI

19/22/23 (A.SR 90 SIGHT)
2/15/24 (A.SR 390 SIGHT)
DATE DESCRIPTION

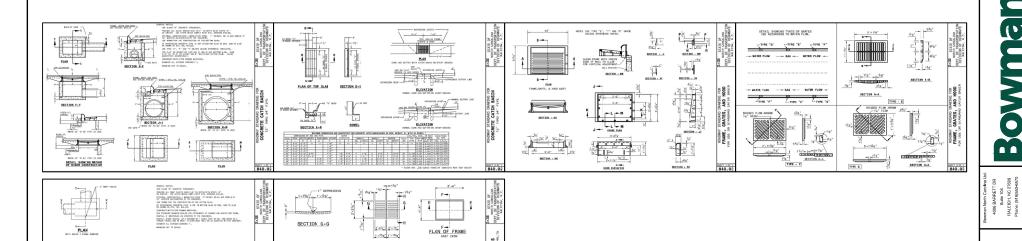
JA XXX XXX
SISSION DRAWN GHAD
SCALE TE
DB No. 220065-01-001
DATE SEPT. 25, 2023
FILE No. ASR-0057-2023
SHEFT C 6. 1

Cod file name: 1c\20065 - AutoZone (\$783 Robigh NC\20065-01-001 (DNC) - AutoZone (\$783 PO US DEV-0000140855\Engineering\Engineering\Engineering\Plans\Construction\Decuments\20065-01-001-ASR-PLANSET.dwg

EIKE RACK INSTALLATION: SURFACEMOUNT - WHEN INSTALLED ON CONCRETE SURFACE, USE ME ANCHORS TO PLATE MOUNT, SHIM AS INCESSARY TO ENSURE VERTICAL PLACEMENT.

CITY OF RALEIGH
STANDARD STAIL
REVISION SATE BROW SATE
BRE RACKDETALS
B-20.03

STANDARD BIKE RACK



GRATES GRATES 4 ANU 840.15

AND AND 840.14

FRAME CWIS.S & DROP INLET F

840.16

PLAN OF FRAME

2'-1%"

2'-6"

SECTION F-F

PLAN OF GRATING

3'-:34'

3'-6"

SECTION E-E

CONCRETE DROP INLET

840.14

DONEL

SECTION X-X

| Signature | August | Signature | August | Augu

2'-314"

SECTION H-H

GRADING AND DRAINAGE DETAILS

(INGOZOJIO) FILE #: ASP-0057-2023 2003 ROCK QUARRY ROAD RALEIGH, NC WAKE COUNTY

DATE DESCRIPTION JA XXX XXX DESIGN DRAWN CHKD SCALE H: IOB No. 220065-01-001 DATE SEPT. 25, 2023

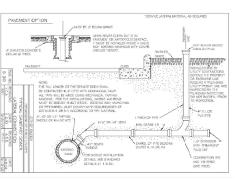
FILE No. ASR-0057-2023 C6.2

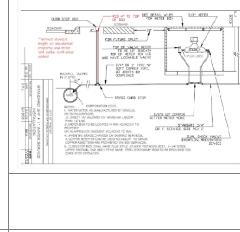


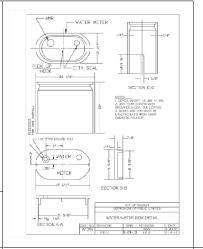


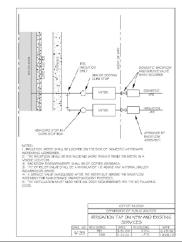


PLAN STATUS 25/23 ASR 1ST SUBMITTAL DATE DESCRIPTION JA XXX XXX DESIGN DRAWN CHKD SCALE H: IOB No. 220065-01-001 DATE SEPT. 25, 2023 FILE No. ASR-0057-2023 C6.3







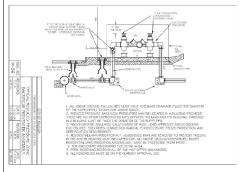


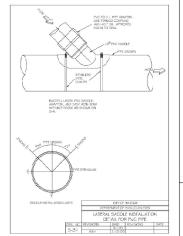
VALVE BOX INSTALLATION AND EXTENSION DETAIL

DATE RYMSONS

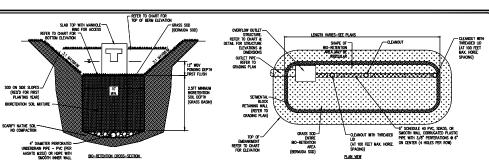
9-7-95 A.3.5.

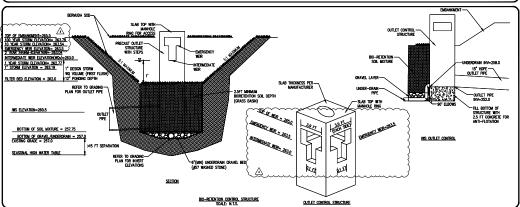
5-3-1-00 DHL











- STORMMATER MANAGEMENT NOTES:

 1. THE DEVELOPER OR HIS ACENT SHALL CONTACT THE ENGINEER MHON
 THE BEST MANAGEMENT PRACTICES) ARE CONSTRUCTED AND ABOUT
 TO RECOME OPERATIONAL SO A FINAL RESPECTION ON HE
 PROFORMED TO BETWEEN
- ON THE PROPOSITION ASSULTED OF THE BID-RETAINON FILE REPUN SHALL SE RESIDED, AND PROPOSITION OF THE DISMETS OF CONSIST OF SHAME SEARCH AND PROPOSITION OF THE PROPOSITION OF CONSIST OF SHAME SEARCH SEARCH SEARCH SHAME SEARCH SHALL MARKET SHAME SEARCH SEARCH SEARCH SEARCH SHALL MARKET SHAME SEARCH SEARCH SEARCH SEARCH SHALL MARKET SHAME SHALL SHALL SHALL SHALL SHALL MARKET SHALL SHALL SHALL SHALL SHALL MARKET SHALL SHALL SHALL SHALL MARKET SHALL SHALL SHALL MARKET SHALL SHALL SHALL MARKET SHALL SHALL MARKET SHALL SHALL MARKET SHA
- PROFIT TO CONTICUEND A COMPOSITION DEST OF THE PROFIT TO CONTICUEND A COMPOSITION DEST OF THE BOR-RESIDION FILED MEAN SHALL BE REVIEWED AND APPROVED IN THE DECREER OF RECORD WITH A COPY STATE TO BE CONTICUEND TO CONTICUEND WITH TO CONCE WAS SED COMPACT. (C.M. ALASTIO WAS, G. C. THE COUNTRY, D. THE STEPS (S.M. AND CATA), AND S-1-55 DOCUME MATTER (SUCH AS PINE BARK FRES) BY COLUMN.
- PERFORM A DOUBLE RING INFILTRATION TEST (MINIMUM OF 3 TESTS PERFORM A DOUBLE RING INFLITRATION TEST (MINIMUM OF 3 SEP OR 1 PER 500 SE OF FLIET MEDIA HINDEVER IS GREATER AT TH COMPRETION OF THE BIO-PETENTION BIMP, INFLITRATION RATE OF 3 CONSTRUCTED BIO-PETENTION MEDIA SHALL BE BETWEEN 1-6 IN/HI-PROVIDE A COPY OF THE RESULTS TO THE ENGINEER.
- ANNUA MANTENANCE RISPECTION AND REPORT REQUIRED THE OWNER OF A PERMITTED STRUCKERA, STORMARTER RISPECTION REPORT FOR EACH BUT TO THE STORMARTER ADMISSTRATOR. ANNUAL NAVEL CHOICE STALL BEAD WITHIN ONE FEAR OF THE RECORDING THE RESERVE AND STRUCKERS BUT BUT DESCRIPTION STRUCKERS.
- UPON COMPLETION OF THE PROJECT, AND BEFORE A CERTIFICATE OF OCCUPANCY SHALL BE GRANTED, THE ENGINEER OF RECORD SHALL CERTLY THAT THE COMPLETED PROJECT IS IN ACCORDING MITH THAPPROVED STORMMATER MANAGEMENT PLANS AND DESIGNS. A FINAL INSPECTION OF THE SITE AND STORMWATER MANAGEMENT BUP/CONTROLS TO BE SCHEDULED WITH AND COMPLETED BY THE ENGINEER & INSPECTOR.

	AT OR CERTIFICATE OF OCCUPANCY. THE
	IS TO BE INSPECTED TO ENSURE IT IS
functioning as design	ied and has full design volume prior to
ISSUANCE OF THE FINAL	. CERTIFICATE OF OCCUPANCY.

STAGE/STORAGE TABLE

\$\text{STAGE}\text{STORAGE}\text{TABLE}\$

\$\text{STAGE}\text{OFF} \text{OFF} \text{OFF}

6,278 CFS 50.0% 1.6" 10.0 19.6

LONG SLOPE(%)

MATTING SHALL BE AS NOTED OR APPROVED EQUAL

H B W SS

	/BIO-RETENTION CONSTRUCTION SEQUENCE			
1	STEP 1. CONSTRUCTION OF THE BIORETENTION AREA MAY ONLY BEGIN			
	AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED. IT MAY			
	BE NECESSARY TO BLOCK CERTAIN CURB OR OTHER INLETS WHILE THE			
	BIORETENTION AREA IS BEING CONSTRUCTED. THE PROPOSED SITE SHOULD			
	BE CHECKED FOR EXISTING UTILITIES PRIOR TO ANY EXCAVATION.			

SIEP 2. TEMPORATY EAS CONTROL NO MY DECAMATION.

SIEP 2. TEMPORATY EAS CONTROL AND RECEED DURING CONSTRUCTION
OF THE GROSEINHOW AREA TO CONTROL STOOMARDE ARMY FROM THE
MEASURES IN PLACE LINE. BOREINHOW AREA HAS RECENT COMPLETE.
SPECIAL PRODUCTION MEASURES SUCH AS RESIGNON CONTROL FROM
EE RELEED TO PROTECT VALMERABLE SIDE SLOPES FROM EROSION DURIN
THE CONSTRUCTION PROCESS.

INC. DURINOULINE PROCESS:

SEPT. A CONCASTOR OF BROWNES SHOULD WORK FROM THE SIDES TO DEMANE THE BROKE ENTINE AREA TO ITS APPENDING TESSON CUPIED AND ADMINISTRATION OF THE SIDES OF THE SI

STEP 4. IT MAY BE NECESSARY TO RIP THE BOTTOM SOLS TO A DEPTH OF 6 TO 12 INCHES TO PROMOTE CREATER INFLITRATION.

STEP 5. PLACE THE APPROPRIATE DEPTH OF STONE ON THE BOTTON, INSTALL THE PERFORATED UNDERDRAIN PIPE AND PLACE STONE ABOVE THE UNDERDRAIN PIPE.

SETE 6. CEUTRO THE SOR WELLA FROM AM APPROVED VENCOR, AND STORE IT ON AM ADMINISTRATION AREA OF PLASTIC SHETTING. APPLY THE MERTA IN 2-PINAL HETS UNIT, THE CESSED TO PERVATION OF THE GROCELITION AFEA IS ACHEVED, MINT I AFW DAYS TO CHECK OF SETTLIBERY, AND ADD ACCIDIONAL MEDIA, AS REED, TO ACHEVE THE SETSION ELEVATION. CONTRIBUTING DRANAGE AFEA TO 60-SETSION POWN TO BE STREAM OF THE MEST AND ADDITIONAL OF THE MEST AND ADMINISTRATION SEA MEDIA.

STEP 7, INSTALL THE VEGETATION, AND WATER ACCORDINGLY.

STEP 8. COORDINATE WITH INSPECTION AND ENGINEER TO CONDUCT THE FINAL CONSTRUCTION INSPECTION. LIPON COMPLETION OF BIORETENTION FADULTY REMOVE TEMPORARY ERGOSON CONTROL MEASURES AND COMBINED WAS STABLIZATION OF THE PROJECT

RIVER BASIN: NEUSE
RECEIVING STREAM: NEUSE
STREAM INDEC: 27-34-(4)
STREAM OLASS: CNS#
OSCOZO011
PROJECT COORDINATES: 32.755/26/N, -78.612371/W RIVER BASIN: RECEIVING STREAM:

CHANNEL LINING

STREAM INDEX: STREAM CLASS:

POND DESIGN SUMMARY

STORMWATER MANAGEMENT DESIGN BIORETENTION POND:

0.87 ACRES 0.58 ACRES 0.01 ACRES 0.59 ACRES

0.000 CFS (A) 0.036 CFS (A) 0.174 CFS 0.885 CFS 2.478 CFS

SPILLWAY ELEVATION

263.9

| PRE-DEVELOPED | POST-DEVELOPED | TO POSD | T

SPILWAY ELEVATION=263.9

0.212 CFS 0.000 CFS 0.012 CFS 0.855 CFS 6.963 CFS

TOP OF EMBANKMENT ELEVATION

NOTE:
A PERMEABILITY SOIL REPORT SHALL BE PROVIDED AFTER BIO-RETEXTION SOIL MIXTURE IS IN PLACE - REFER TO STORMMATER MANAGEMENT NOTES FOR REQUIREMENTS.

BIO-RETENTION SOIL MIXTURE		•		
TEM	PERCENT BY VOLUME	MATERIAL		
SAND	75%-85%	MEDIUM TO COARSE WASHED SAND		
FINES	8%-15%	FINES (SILT AND CLAY)		
ORGANIC MATTER	5%-10%	ORGANIC MATTER (PINE BARK FINES)		
PERMEABILITY	THE PERMEABILITY SHOULD FALL BETWEEN 2 AND 6 INCHES PER HOUR, AND 2 INCHES PER HOUR IS PREFERRED.			
PHOSPHOROUS INDEX	RANGE BETWEEN 10 AND 30 (CONFIRM WITH SOIL ANALYSIS REPORT			

	Cid manual requirements	New Moo			
leternal water straige	Optional	Required unless the in-situsoil infiltration rate is equal to or greate than two nichos/hour.			
Maximum P-Index of meda	30	33 for NSW, 50 disewhere			
Sant specification	A homogenous soil mix of: 85-81% by volume sund (USDA Soil "exhan) Classifications, 8-12% from (silt and clay), and 3-6% organic matter (such as peal moss;	A horeogeneous soil titx eiginered rodes bland with appresimate volumes of (a) 75-86% medium to coase, wished send (ASTM CIS), AASHTO MIGNATO MIGN, or the eigenvalue of (b) 8-15% frees (sixt and clay); and (c) 5-10% organic matter (such as pine back frons).			
Maxmure mode drawdown rate	6 inchesheur	Notspecified; compliance with the media specification will result in an appropriate drawdown rate upon imbiliation.			
Mechanical compaction prohibition	Not provided	Media may not be compacted mechanically			
Minimum infiltration rate that must naintained	Not provided	1 inte			
Planting plan for bioretention cells with trees and shrubs	Based on density of plantings	Based on providing a maximum of 50% canopy cover after five years of growth			
	Potential problems	How to remediate the problem:			
The entire bloretention cell	Trashidebrik is present.	Remove the trashidebils.			
The primeter of the	Areas of base soil andior	Regrace the soil if necessary to remove the guly, plant ground			

	Based on density of plannings	Based on providing a maximum of 50% canopy cover after five years of growth	LS
	Potential problems	How to remociate the problem:	I
n cell	Trashidebrik is present.	Remove the trashidebils.	Щ
	Areas of bare soil andior encover guilles have formed.	Regisce the soil if recessory to remove the gully, plant ground cover and water until it is established. Provide time and a one-time funktion application.	ENT
	The nist pipe is clogged (if applicable)	Undoythe pipe and dispose of any sediment in a location where it will not cause impacts to sheams or the SGM.	SEME
	The niet pipe is cracked or otherwise damaged (if applicable).	Peoples or requir the pipe.	M
	Eroston is cocurring in the swate (if applicable)	Register the swale if meessary and previous resistence shall devices such as relinfaced fluif matting or richarp to avoid fluture erosion problems.	R MA
	Stone rerge is clogged or covered in sediment (if applicable)	Remove setiment and dogoed stone and replace with dean stone.	世
	Flow is bypassing preferational area audior guilles have formed.	Regade if recessary toroule all flow to the prebatmentarea. Restabilize the area ofter grading.	M
tom.	Sediment has accumulated to a depth greater than three inches.	Search for the source of the sectmost and remedy the problem if possible. Remove the sectment and dispose of t in a location where it without cause impacts to streams or the SCM.	STORMWATER MANAGEMENT DETAILS
	Erveloe has occurred.	Provide additional erosion protection such as reinforced but making or rioray if needed to preventifuture crosson problems.	0,
	Wieds are present	Remove the weeds prelerably by hand. If perticide issued, wipe to on the plants rather than spraying.	
	Best professional practices show that pruning is needed to meinten optimal plant health.	Prure according to best professional practices. Mantain lines of sight between 2/4".	

BO-RESIDION BO-RESIDION SOL WITHER DO-RESIDION SOL WITHER DO-RESIDION DO-RESI		GRASS SPIL	LWAY DETAIL	GRASS SOO ON SPILLURY AND SIDE SLOPES
CLEANOUT GRAVEL BED (457 WASHED STONE)	BIO-RETENTION SOIL MUTURE	CLEAM	UNEERNA.	4* SCHEDULE 40PP SDR25, OR SMOOTH WALL CORROGATED PLASTIC PT CONNECTION TO UNDERDRAIN PIPE N UNDSTURBED SUBSOIL

BO-RETENTON SOL MUTURE	CLEMENT	## SOMETIME 40PV. **SOMETIME 40PV. SERVI, OR BUTCH: WILL COMPOSITION TO UNCOSTANCE (COM) TO UNCOSTANCE PER DO NOT (COM) SOME (COM)	

FIGURE BOTH TO THE PART AND THE

GRASS NOTE: Grass shall be either hybrid bermuida grass or centipede

BIO-RETENTION SOIL MIXTURE:

<u>FOUNT TO THE FOUNT AND MINIOUTES.</u>

(Recretified Set Miller (ROM); and the plotted and goods using low ground-contact pressure equipment or by accordant and/or boddhost operating on the grantel eighbert to be bit—relation foolity. To be say, explained that the used within the primitive of the bit—relation foolity of the primitive or the primit

ne Bio-retention. Soil Monture (BSM) shall be a uniform mix, free of stones, stumps, roots or other similar objects larger than two inches. No ther materials or substances shall be mixed or dumped within the bio-retention area that may be harmful to plant growth, or prove a hindron to planting or maintenance operations.

for to placing the under-drain and the BSM, the bottom of the excavation shall be roto-tilled to a minimum depth of 6 inches to alleriate any impaction of the facility bottom. Any substitute method for roto-tilling must be approved by the Engineer prior to use. Any ponded water shall I moved from the bottom of the facility and the soil shall be fridable before roto-tilling.

ice the BSM has been placed the entire bio-retention area shall be sadded with grass that has been grown in sandy soils or that has the roots shed clean of any clay or other materials that could clag the function of the bio-retention system.

OPERATION AND MAINTENANCE
North Confins atoms water rules require around inspections by the regulating agency of bio-referrition areas as a minimum. More frequent impactions by the indirections by the indirections by the indirection areas as a minimum. More frequent impactions by the indirections by the indirections by the indirection areas.

It regards the Joint monthly

1. Regard the Joint monthly

2. Once the Bo-retention one side slopes; remove train and repair moded areas before the next radical event.

3. Once the seguidation and not filters for sediment accommission, ensitin and proper operation of the flow spreader mechanism and another on measure.

3. Once the wegletiles and not filters for sediment commission, residen and proor spectrum of the flow greated mechanism and report as security are propried and more in a mentily bable.
6. Semilar or period all more in an entitly bable.
6. Semilar or period all more in an entitly bable.
6. Semilar or period are althream reseasors. Septoment of much layers may be necessary serry too or three years, much should be replaced in the significant period of the period of

gering four control and the co

man impocution.

1. Remove accumulated sediment from the bottom of the outlet structure or other areas where accumulated sediment is noted.

2. Inspect the embanisment taking note of any wet areas where water may be seeping through the soil.

Z. Righter us environmental to be fine.

I featuring uses play to be been to give in the bio-retention one.

2 to easy symptotics shall be obtained to give in the bio-retention one.

2 to easy symptotics shall be obtained to give in the bio-retention one.

A Product remore of clear symptotics which be excomplished.

5. All components of the bio-retention system must be kept in good working order.

STORMWATER MANAGEMENT SYSTEM DETAILS

DATE DESCRIPTION JA XXX XXX DESIGN DRAWN CHKD SCALE V IOB No. 220065-01-001 DATE SEPT. 25, 2023

FILE No. ASR-0057-2023 C6.4

PLAN STATUS 25/23 ASR 1ST SUBM

4006 BARRETT DR Suite 104 RALEIGH, NC 27809 Phone: (819)553-8570

Cod file name: ½-\220065 - AutoZone (5783 Raisign MC\220065-01-001 (ENC) - AutoZone (5783 PO US DEV-000H40855\Engineering\Engineering\Engineering\Engineering

IOB No. 220065-01-001 DATE SEPT. 25, 2023 ILE No. ASR-0057-2023 C7.0

GENERAL LANDSCAPE NOTES:

PLANTING NOTES:

2. PLANT LOCATIONS TO BE APPROVED IN FIELD PRIOR TO INSTALLATION

5. INSTALL PLANTS AND MULCH BEDS WITH 4" PINESTRAW.

B---

6. AREAS DISTURBED BY GRADING TO BE SEEDED AND STRAWED.

9. ALL PLANT MATERIAL SHOWN IS MINIMUM REQUIRED BY THE CITY CODE.

SUBSTITUTES OF PLANT MATERIALS SPECIFIED CAN ONLY OCCUR WITH PRIOR APPROVAL BY LANDSCAPE ARCHITECT.

ESTABLISH PLANT BED CONFIGURATIONS. LANDSCAPE ARCHITECT TO APPROVE BED LAYOUT IN FIELD.

LANDSCAPE CONTRACTOR TO MAINTAIN PLANT MATERIALS FOR ONE YEAR PERIOD FOLLOWING SUBSTANTIAL COMPLETION PER SPECIFICATIONS.

AREAS DAMGED FROM PLANT RELOCATION OR OTHER ACTIVITIES OF LANDSCAPE CONTRACTOR TO BE RE-SEEDED AND ESTABLISHED AT NO ADDITIONAL COST TO THE OWNER.

1. ANY DISTURBED AREAS NOT SCHEDULED FOR HARDSCAPE, PLANTINGS, OR MULCH SHALL BE SEEDED LAWN 1. ALL PLANT MATERIALS TO COMPLY WITH AMERICAN STANDARD FOR NURSERY STOCK ANSI 760.

- 2. NO PLANT SUBSTITUTIONS ARE PERMITTED WITHOUT WRITTEN APPROVAL OF THE OWNERS REPRESENTATIVE.
- ALL PLANT AND BED LINE LOCATIONS SHALL BE STAKED IN THE FIELD AND APPROVED BY THE THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- . ALL PLANTINGS SHALL BE INSTALLED WITH THE SPECIFIED LAYER OF MULCH. REFERENCE DETAILS AND SPECIFICATIONS FOR DEPTH AND TYPE OF MULCH. ALL TREES AND SHRUBS SHALL BE PLANTED IN MULCH BEDS AND SHALL BE SEPARATED FROM TURF GRASS AREAS.
- 5. GRASS COVERAGE TO EXTEND FROM PROPERTY LINES TO BACK OF CITY SIDEWALKS AND/OR CURBS.
- MINIMUM TREE SIZE AT PLANTING IS 2" CALIPER (FOR SINGLE STEM TREES). ALL MULTI-STEM PLANTS MUST BE TREE FORM, MAXIMUM 3 TO 5 TRUNKS, AND MINIMUM 8 FEET TALL.
- ALL STRAPPING AND TOP 2/3 OF WIRE BASKET MUST BE CUIT AWAY AND REMOVED FROM ROOT BALL PRIOR TO BACKFILLING PLANTING PIT. REMOVE TOP 1/3 OF THE BURLAP FROM ROOT BALL.
- FOR NEW PLANTING AREAS, REMOVE ALL PAVENENT, GRAVEL SUB-BASE AND CONSTRUCTION DEBRIS, REMOVE COMPACTED SOIL AND ADD 18" NEW TOPSOIL OR TILL AND AMEND THE TOP 18" OF EXISTING SOIL TO MEET TOPSOIL/PLANTING MIX STANDARDS FOR TREES.
- Large maturing trees may not be planted where there are overhead distribution or transmission lines. If trees conflict
 with power lines or signs, call urban forester to resolve before planting.
- ADJUST TREE PLANTING LOCATIONS TO AVOID UNDERGROUND UTILITIES. PLANT 15' FROM ALL UNDERGROUND UTILITIES (SEWER AND STORM DRAINAGE, GAS, WATER, PHONE, AND ELECTRICAL LINES.)

CITY OF RALEIGH PLANTING REQUIREMENTS:

ALL PARKING SPACES ARE LOCATED WITHIN 50" OF A SHADE TREE.

2. TYPE C3 STREET PROTECTIVE YARD

REGURED: ROCK QUARKY ROAD — 30 SIRUBS/100 LINEAR FEET REQUIRED

10TAL FRONTAGE: 104 LF OR 32 SIRUBS

VEHICLE SURFACE AREA SCREENED FROM THE PUBLIC ROW.

2 1 understory tree per 20 LF of Frontage, or 1 smade tree per 40 LF of Frontage 90CK Quarry Road: 63 LF = 4 understory trees required Edwin Drive: 222 LF = 6 shade trees required

PROVIDED: ROCK QUARRY ROAD: 4 UNDERSTORY TREES PROVIDED EDWIN DRIVE: 6 SHADE TREES PROVIDED

4. ZONE A TYPE 2 20" TRANSITION YARD PROPOSED USE: MINED USE COMMERCIAL ADJACENT USE: SINGLE USE RESIDENTIAL

REQUIRED: 6.5"-9" WALL, 5 SHADE TREES, 4 UNDERSTORY TREES, AND 30 SHRUBS/100 LF 353 LF TOTAL = 18 SHADE TREES, 15 UNDERSTORY TREES, AND 106 SHRUBS

PROVIDED: 6.5" WALL, 8 SHADE TREES, 9 UNDERSTORY TREES, AND 76 SHRUBS

* EXISTING TREES TO REMAIN AND BE COUNTED TOWARDS PLANTING REQUIREMENTS.



IDSCAPED	SPECIFIC AREA	CODE REQUIREMENT	SR OR LF	TOTAL QUANTITY REQUIRED	PROVIDED	COMMENTS	
EET TREES	IN NCDOT ROW BETWEEN SIDEWALK AND BACK OF CURB	1 SHADE TREE EVERY 40' O.C. ON AVERAGE	ROCK QUARRY ROAD: 140 LF EDWIN DRIVE: 222 LF	ROCK QUARRY: 2 SHADE TREES EDWN: 5 SHADE TREES	ROCK QUARRY ROAD: 2 TREES PROVIDED EDWIN DRIVE: 5 TREES PROVIDED		F
IICLE PARKING LOT IDSCAPING	PARKING LOT	1 SHADE TREE FOR EVERY 2,000 SF OF PARKING AREA	14,574 SF	8 SHADE TREES	9 SHADE TREES PROVIDED		
INSTITION YARD	SOUTH PROPERTY LINE	6.5'-9' WALL; 5 SHADE TREES, 4 UNDERSTORY TREES, AND 30 SHRUBS PER 100 LF	353 LF	18 SHADE TREES, 15 UNDERSTORY TREES, 106 SHRUBS	6.5' WALL, 17 SHADE TREES, 15 UNDERSTORY TREES, 135 SHRUBS PROVIDED		
EET PROTECTIVE	ROCK QUARRY ROAD	30 SHRUBS PER 100 LF	104 LF	32 SHRUBS	32 SHRUBS PROVIDED		-

LANDSCAPE REQUIREMENTS & CALCULATIONS

0110230119 BLDG. AREA = 6,816 SF± 274.4 FFE

MASTER PLANT LIST											
TYPE SYM/KEY QUANTITY BOTANICAL NAME COMMON NAME SYMBOL C							HEIGHT	SPREAD	ROOT	SPACING	OTHER
SHADE TREES	UA {	7 /	Ulmus americana	American Elm	*	3"	60'-80'	30'-40'	B&B	AS SHOWN	
SHAUE INCES	JV	18	Juniperus virginiana	Eastern Red Cedar	8	3"	40'-50'	30'-40'	B&B	as shown	
UNDERSTORY TREES	oc	9	Cercis Canadensis	Eastern Redbud	Ø	1.5*	15'-35'	6'-10'	848	AS SHOWN	
SHRUBS	IC	76	llex Crenata "Chesapeake"	Chesapeake Japanese Holly	*	-	2'-3'	3,		as shown	
	BN	44	llex Xomute "Burfordi Nana"	Burford Holly	8	-	2'-3'	3'		AS SHOWN	

LANDSCAPE NOTES:

CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING ALL REQUIRED LANDSCAPING FOR THE ENTIRE SITE, TO INCLUDE BUT NOT LIMITED TO: SODDED/SEEDED AREAS, SHRUB BEDS, PARKING LOT ISLANDS ROADSDE SON BASE(S), AND MOMAMENT PANTES.

VICINITY MAP

- 2. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES REGARDING LANDSCAPIN
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH A HEALTHY STAND OF GRASS ON ALL SEEDED AREAS.
- 4. In the event that planting beds and mulch are required, the contractor shall install black fabric weed block landscape mesh under the mulch to prevent weed growth.
- S. CONTRACTOR SHALL PROVIE MATURA. TOPS OF THAT IS FERRIL. FRABEL, WITHOUT MATURE OF CON-SESSIO. MATERIAL, AND ISHARD FROM A BELL (DAMED, ANALASE SE. IT SHALL NOT CON-TRACTOR AND ANALASE STORES, BOOKS, ANALASE SANASE ASSEMBLYS IT ON MORE IS MAKE'RE FROM CAST, LURS, STORES, BOOKS, ANALASE OS SHALMS ASSEMBLYS IT ON MORE IS MAKE'RE JESSIC, OR DIREC SOLECTION WHICH MORT BE A INDEPANCE TO PARATING OFFENDORS. TOPSOIL SHALL CONTAIN AT LEST 4-60 CORROR CATTLE OF WITHOUT NO MAY AT HIS MAKE OF SS TO 7.
- . CONTRACTOR SHALL BE RESPONSIBLE FOR THE WATERING AND THE MANTENANCE OF ALL LANDSCAP AREAS UNTIL THE LATER OF; (a) THERTY (30) DAYS FOLLOWING THE PLANTING OF THE GRASS AND SHRUBS, OR (b) THE DATE THAT OWNER OPENS FOR BUSINESS TO THE PUBLIC
- GENERAL CONTRACTOR IS TO CLEAN ENTIRE SITE OF ALL CONSTRUCTION DEBRIS AND RAKE ALL GRAS AREAS.
- PROVIDE LANDSCAPE PLANS TO OWNER AND AS REQUIRED BY LOCAL JURISDICTION TO THE BLDG. DEP-FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- 9. ALL LANDSCAPING, TRESS, SHRUBS, ETC. SHALL NOT INTERFERE WITH THE VISIBILITY OF SIGNAGE
- 10. CONTRACTOR TO VERIFY QUANTITIES PRIOR TO COMMENCING WORK.

LANDSCAPE MAINTENANCE PLAN:

ANDSCAPE PLAN COME ON YOU MANUAL DE CHAIR REPRESENTANTE SOL SAMPLES OF TURP APEAS FOR AGRONOUS COMMUNICATION AND ASSESSMENT FOR YEARS ON WRICKERS OF THE PREPARENCE POLY. TEST SHOULD CERTIFIED AND ASSESSMENT OF THE PREPARENCE POLY. THE STREET AND ASSESSMENT OF THE PREPARENCE POLY. THE PREPARENCE POLY. THE PREPARENCE POLY. THE PROPARENCE POLY. THE PROPAGE A SOUTH THE PROPAGE A SOUTH THE PROPAGE A SOUTH THE PROPAGE AS THE PR

PRUNING: PRUNING SHALL BE LIMITED TO REMOVAL OF DEAD WOOD OR BRANCHES FOR TREES OR SIGHT DISTANCS/SAFETY REASONS. THE ANSI A300 STANDARDS SHOULD BE ADHERED TO. THE PRUNING OF SHEURS SHALL BE LIMITED TO THE PRUNING NECESSARY TO MAINTAIN THE NATURAL SHAPE OF THE PLANT EXCEPT FOR SHEARED HEDGES.

PEST CONTROL: PRE-EMERGENT WEED CONTROL FOR LAWNS AND SHRUB BEDS MAY BE APPLIED IN FEBRUARY. CHEMICAL TREATMENT FOR INSECT INFESTATION AND DISEASE MAY BE APPLIED AND SHALL BE SPECIFIC TO THE PROBLEM. MULCHING: MULCHING SHALL BE MAINTAINED AT A DEPTH OF $2\!-\!3^\circ$ in plant beds. Mulch shall be reapplied every two years.

NOWING: PRIMARY FESCUE LAIMS SHALL BE MANTANED AT A HEIGHT OF 5° AND SHALL BE MOWED APPROXIMATELY 30 TIMES FER YEAR. SECONDARY TURF AREAS MAY BE MANTANED HIGHER AND LESS FREQUENTLY. WARM SEASON GROSS SHALL BE WORDED AS NEEDED DURING THE GROWING SEASON TO MAINTAIN THE RECOMMENDED HEIGHT OF THE SPECIES OF TURF GRASS.

PLANT PROTECTION: AVOID EXCESS INTRUSION INTO THE ROOT ZONE AREA OF ESTABLISHED PLANTINGS.

WATERING: IN ANY IRRIGATION SYSTEM IS UTILIZED, THE SYSTEM SHALL BE REGULATED TO PROVIDE APPROXIMATELY 1 OF RAINFALL PER WEEK DURING THE GROWING SEASON.

FAILURE TO MAINTAIN ALL PLANTINGS IN ACCORDANCE WITH THIS PLAN MAY CONSTITUTE A VIOLATION OF THE LAND DEVELOPMENT ORDINANCE AND MAY RESULT IN FINES.

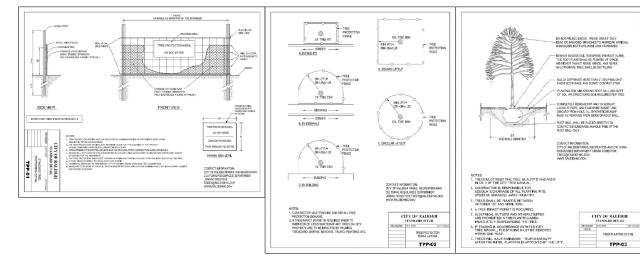






3UARRY ROAD (S.R. 2542).

P08 -N 729,151.89 E 2,114,981.60



Bowmal

Bowmal

LANDSCAPE DETAILS

PLAN STATUS

9725/231 ASR 1ST SUBMITTAL
12/727/23 AASR 508 SUBMITT
2/15/24 AASR 309 SUBMITT
2/15/24 AASR 309 SUBMITT
DATE DESCRIPTION

JA XXX XXX

XXX

SCALE TE

OB No. 220065-01-001

DATE SEPT. 25, 2023

FILE No. ASR-0057-2023

SHEET C7.1

FILE #: ASR-0057-2023 2003 ROCK QUARRY ROAD ALEIGH, NC WAKE COUN

Cod file name: 1c.\20085 - AutoZone #5783 Roleigh NC\20085-01-001 (ENG) - AutoZone #5783 PO US DEV-0000140855\Engineering\Engineering Plane\Construction Documents\20065-01-001-ASR-PLANSELdwg



LIGHTING PLAN

JA XXX XXX DESIGN DRAWN CHKD SCALE H: 1" = 30" SCALE H: 1

IOB No. 220065-01-001 DATE SEPT. 25, 2023 TILE No. ASR-0057-2023

C8.0

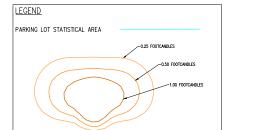
- CITY OF RALEIGH LIGHTING REQUIREMENTS:

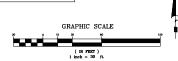
 1. THE WANNING WORT LEVE OF ANY USE IT DUTING MEASURED AT THE PROPERTY LINE OF ANY USE IT DUTING MEASURED AT THE PROPERTY LINE OF ANY THE MEASURED AS FOOTCAMBLE.

 2. LINE OF ANY SHEET ROBOT LAWS THE LESS THAN A DO FROTCAMBLE.

 3. LINETHING MUST BE ORDSTATED SO AS NOT 10 DEFOCE AGE OF DOCSON, AND A LINETAGE OF THE PROPERTY LINE WAS THE STATED. THE STATE OF THE STATED AND A LINETAGE OF THE STATED AND A LINETAGE OF THE STATED AND A LINETAGE OF THE MEASURE LINETAGE OF THE STATED AND A LINETAGE OF THE MEASURE LINETAGE OF THE STATED AND A LINETAGE OF THE MEASURE LIN
- FIXTURES.

 7. LIGHTS IN PARKING AND VEHICULAR DISPLAY AREAS MUST BE FULL CUTOFF.







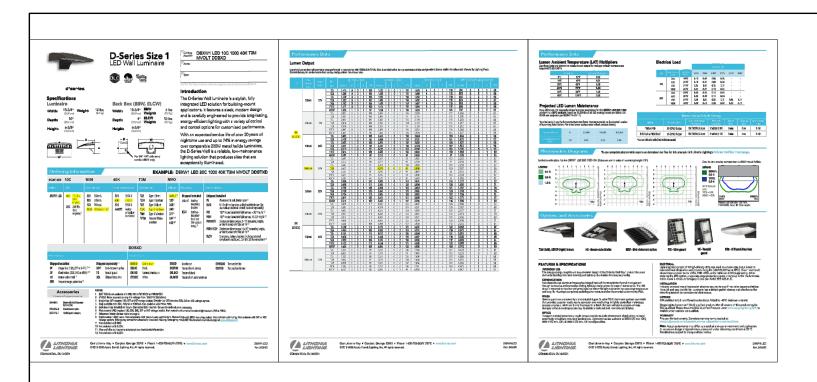
Luminaire Schedule									
Symbol Qty Label Arranger				Description	LLF	Luminaire	Luminaire	Total	Mounting
						Lumens	Watts	Watts	Height
	3	DSX1_LED_P8_40K_T4M_MVOLT_HS_1	Back-Back	Existing Poles on adjacent site	0.700	18424	207	1242	15
1	5	DSXW1_LED_10C_1000_40K_T3M_MV	Single	Lithonia Lighting D-Series Area	0.700	3873	38.8	194	12
				Size 1 LED Wall Luminaire					
-	2	DSX1_LED_P8_40K_T4M_MVOLT_HS	Single	Lithonia Lighting D-Series Area	0.700	18424	207	414	28
				Size 1 LED Area Luminaire					

Calculation Summary								
ı	Label	CalcType	Max	Min	Avg/Min	Max/Min		
ı	Site Area	Illuminance	Fc	0.60	18.0	0.0	N.A.	N.A.
ı	Parking	Illuminance	Fc	1.35	2.7	0.3	4.50	9.00
1					-			

PROPOSED WALL

*01*1020119 BLDG. AREA = 6,816 SF± 274.4 FFE

Cod file name: V-\220065 - AutoZone (578) Rakigh NC\220065-01-001 (DNC) - AutoZone (5783 FO US DEV-0000140855\Engineering\Engi



owman North Carolina Ltd. 4006 BARRETT DR Suite 104 RALEIGH, NC 27809 Phone: (919)553-6570

(INGOZOJI) FILE#: ASR-0657-2023 2003 ROCK QUARRY ROAD NEIGH, NC WAKE COUNTY LIGHTING DETAILS

