ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

PERMIT # AP 320452

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4749 -- 92 -- 3517

APPLICANT/OWNER: Deaton Properties, Inc APPLICANT ADDRESS: 611 Buttermilk Rd, Cave Spring GA 30124

SITE ADDRESS: 553 Lentz Rd, Statesville NC PHONE: 706-252-1556 ALT. PHONE 336-516-1384

SITE DIRECTIONS: I77 (N) → exit 59 → (L) Tomlin Mill → (L) Lentz → lot on (R) SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: N/A SECTION: N/A LOT # N/A LOT AREA: 28.15 ac DESIGN FLOW: 500gpd L.T.A.R.: 0.275

Septic Tank	1000	(gal)	STB	760	Date	7/25/22	☒ New System	☐ Repair	☐ Expansion
Pump Tank	1000	(gal)	PT	363	Date	8/5/22	System Type: I II (III) IV V VI		
Pump Make	GOULDS	Model	WE05111H	½HP	Serial #	115V	System Description:	25% Reduction	
# Nitrification Fields	1	# Lines	6		Linear Ft	456'	Repair System Description:	25% Reduction	
Trench Width	36"	Trench Bottom Depth(Low side)	30"		Gravel Depth	N/A	Maintenance Agreement Required:	☐ YES	☒ NO
								☐ GRAVITY	☒ PRESSURE

☐ Residence	No. Bedrooms		Water Supply
☒ Business	No. Persons		☐ Private
☐ Other	No. Employees	10*	☒ Public
☒ Slab	☐ Crawl Space		☐ Community
☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: Do not pave, grade, drive, park or bury utilities in drainfield. Divert all drainage from drain field. Maintain current contract w/ Company for Trench drain waste.

INITIAL SITE SKETCH

See attached

Site plan key ICHD-

approved 4/25/22

See also attached plans for pump & haul for floor drain waste. Verify for OP

Pressure Manifold: 2" supply, 2' pressure head Dose = 207.5 g

①: 1½" SCH 80 ②③: ¾ SCH 80 each Taps Flow = 42.81 gpm

④: 1½" SCH 40 ⑤,⑥: ¾" SCH 80 (same tap) Run: 4.8 min Drawdown = 18"

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am

the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

* 1 public restroom only

Tanks

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 4/29/22 Installed by: Lentz

IMPROVEMENT PERMIT by: D. Mieberg Date: 4/25/22 OPERATION PERMIT by: [signature] Date: 12-5-2022

AUTHORIZATION TO CONSTRUCT by: D. Mieberg Date: 4/25/22 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

Pump & Haul for Floor Drains

PIEDMONT DESIGN ASSOCIATES, P.A.
125 East Plaza Drive | Suite #101
Mooresville, NC 28115
Phone: 704-664-7888 | Fax: 704-664-1778
Email: dmunday@pdapa.com

Engineering
Surveying
Planning

April 12, 2022

Iredell County Health Department
Environmental Health Division
Building Standards Center
349 North Center Street
Statesville, NC 28677-4063
Attn: Mrs. Danielle Wieberg, REHS

RE: Industrial Process Wastewater Collection and Disposal System
Deaton Fleet Solutions – 553 Lentz Road
Statesville, Iredell County, North Carolina

Dear Mrs. Wieberg:
We were contacted by Mr. Doug Uhler, General Contractor for Deaton Fleet Solution's new facility to assist with a recommendation for disposal of the liquid & solid waste from floor drains in the new facility. NC Department of Health & Human Services, Onsite Water Protection Section defines floor drains as Industrial Process Wastewater. On past projects with floor drains of this nature, we have recommended that floor drains be piped via gravity to a separate closed end holding tank, to be pumped by a specialized company for recycling the waste byproducts. This separate system consists of a three compartment, underground, precast storage vault with no outlet. Within the tank, Contractor shall set a liquid level alarm float at height no less than ¾ of tank height. This float switch shall be wired to an audiovisual alarm panel. Alarm panel shall have an external label that states the licensed pumper name and contact information. Alarm panel shall be in a NEMA 4X enclosure.

Components of the system shall be equal to:
Shoaf-1500-O/W/S if not located in traffic area or Shoaf-1500-O/W/S H20 if located in traffic area with no outlet pipe. Risers shall be precast with cast iron ring and covers. If tank is in non-traffic area, lids to be bolt down (see attached cut sheets).

Alarm panel shall be equal to SJE Rhombus Tank Alert 4X with SJE Signal Master control switch (see attached cut sheet).

Owner shall always remain in a written contract with a pumper that is licensed to handle this waste (see attached contract with Crystal Clean).

If any additional information is needed, please feel free to contact us at 704-664-7888.

Sincerely,

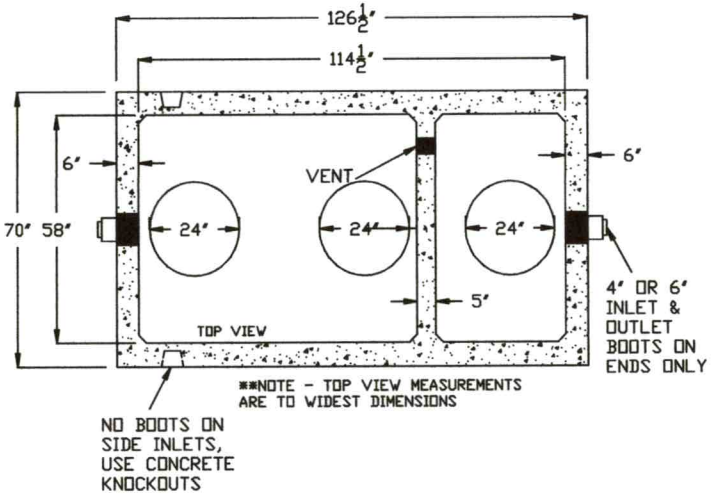
PIEDMONT DESIGN ASSOCIATES, P.A.

Donald L. Munday

Donald L. Munday, P.E.
N.C. Registration No. 17327

NORTH CAROLINA PROFESSIONAL SEAL 17327 ENGINEER DONALD L. MUNDAY
04/12/2022

cc: Mr. Doug Uhler, General Contractor



SHOAF PRECAST SEPTIC TANK INC.
4130 WEST US HWY 64
LEXINGTON, NC 27295
PHONE (336) 787-5826
FAX (336) 787-2826

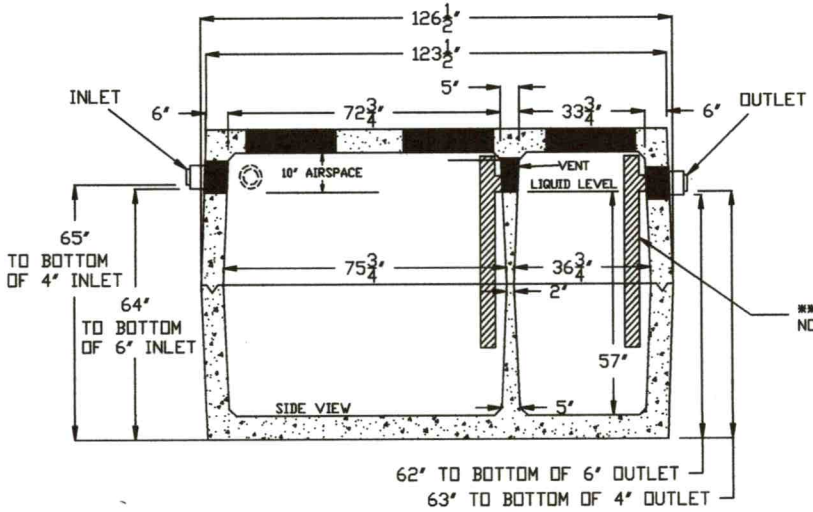
MODEL: MS 1500 H20 O/W/S

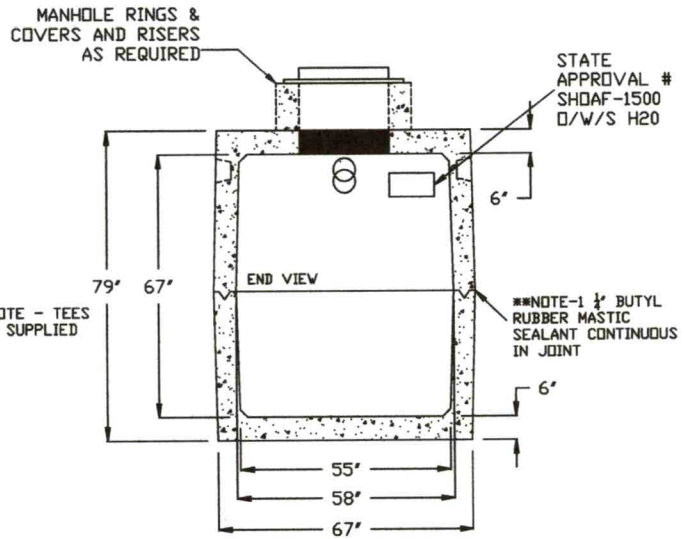
H20 TRAFFIC RATED

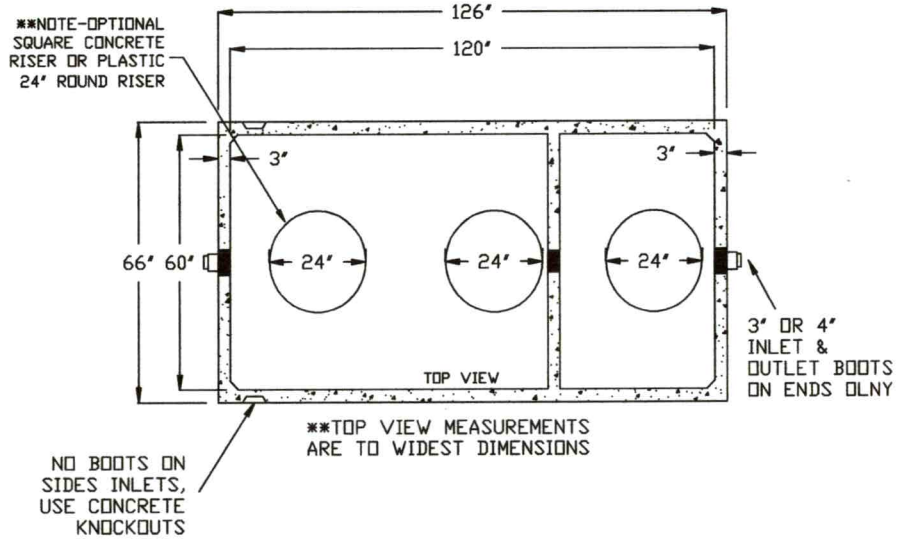
1500 Gallon W/ 3 Access

Oil-Water-Sand Tank

WWW.SHOAFPRECAST.COM
SHOAF-1500 H20 TRAFFIC RATED
OIL/WATER/SAND SEPARATOR H20 TRAFFIC RATED
LIQUID CAPACITY-1527 US GALLONS/AIRSPACE-10"
TANK HEIGHT-79"
BOTTOM OF TANK TO CENTER OF INLET-67"
BOTTOM OF TANK TO CENTER OF OUTLET-65"
LENGTH TO WIDTH RATIO-2 TO 1
SIZE OF INLET & OUTLET-4" OR 6" PIPE
TYPE ON INLET & OUTLET-POLYLOCK OR EQUAL (MEETS ASTM C-923)
MEETS ASTM C-1613
CONCRETE PSI-5000; TANK WEIGHT- 22,400 LBS.
ACCESS-RING & COVER W/ RISERS (NOT INCLUDED)
REINFORCING PER ENGINEERING DRAWING





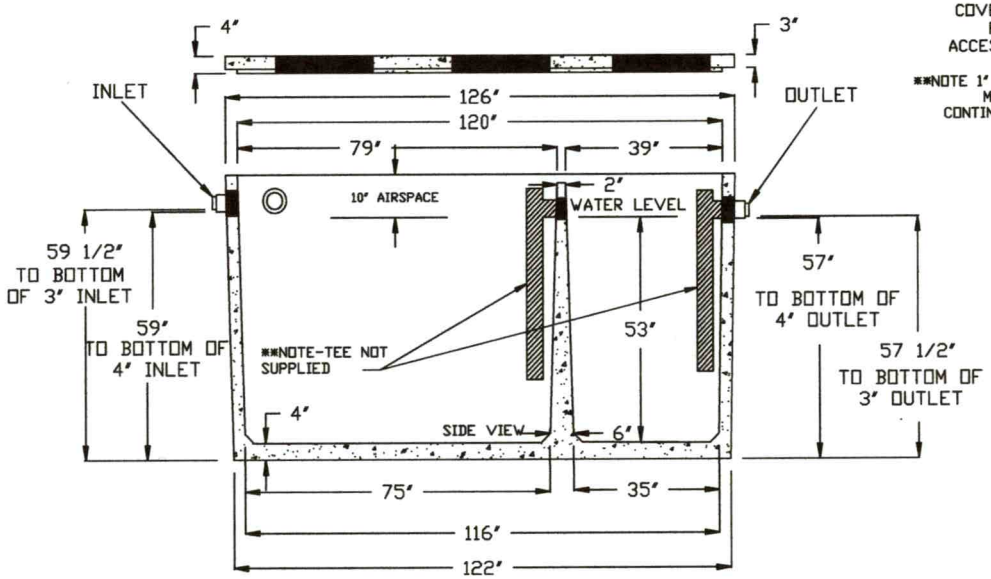


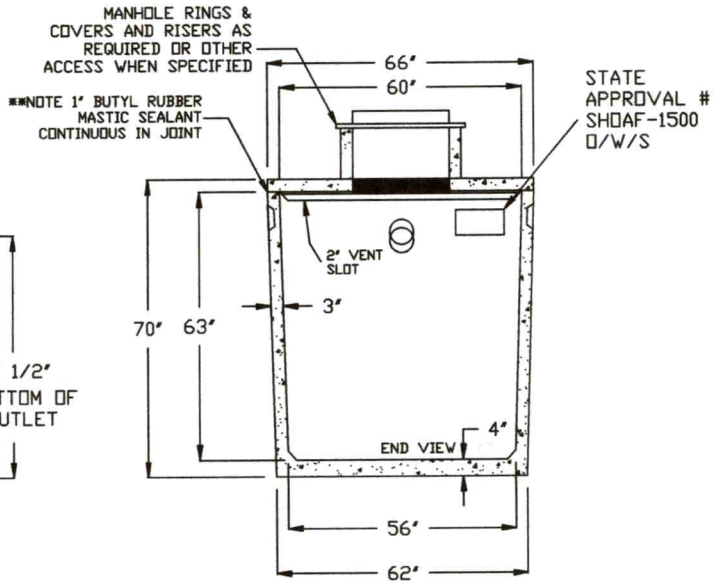
SHOAF PRECAST SEPTIC INC.
4130 WEST US HWY 64
LEXINGTON, NC 27295
PHONE (336) 787-5826
FAX (336) 787-2826

MODEL: TS 1500 OWS
NON TRAFFIC
1500 Gallon Oil/Water/Sand Tank

WWW.SHOAFPRECAST.COM
SHOAF-1,500 NON TRAFFIC RATED
O/W/S NON TRAFFIC
LIQUID CAPACITY-1,517 GALLONS/AIRSPACE-10"
TANK HEIGHT-70"
BOTTOM OF TANK TO CENTER OF INLET-61"
BOTTOM OF TANK TO CENTER OF OUTLET-59"
LENGTH TO WIDTH RATIO-2 TO 1
SIZE OF INLET & OUTLET-3" OR 4" PIPE
TYPE OF INLET & OUTLET-POLYLOCK OR EQUAL (MEETS ASTM C-923)
CONCRETE PSI-4000; TANK WEIGHT- 13,000 LBS.
REINFORCEMENT PER STATE CODE

SCALE - N.T.S.





TANK ALERT® 4X ALARM SYSTEM

Easy to Install Liquid Level Alarm System with NEMA 4X Enclosure for Indoor or Outdoor Use

This alarm system monitors liquid levels in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural, and other water applications.

The Tank Alert® 4X alarm system can serve as a high or low level alarm depending on the float switch model used.

The stainless steel alarm horn sounds and red LED beacon illuminates when a potentially threatening liquid level condition occurs. The horn can be silenced, but the alarm beacon remains on until the condition is remedied. Once the condition is cleared the alarm will automatically reset.



c UL us LISTED

5 YEAR

FEATURES

- NEMA 4X enclosure rated for indoor or outdoor use
- Automatic alarm reset and alarm test/normal/silence switch
- Alarm horn sounds at 88 decibels at 10 feet (3 meters)
- Alarm system (when installed on separate circuit) operates even if the pump circuit fails

OPTIONS

When ordered with the alarm, this system is available with:

- Alternate float switch models for high or low level warning
- Auxiliary dry contacts (normally open and normally closed) for easy attachment of remote devices

SJE RHOMBUS®

95001011 Rev 04/22
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SJE Rhombus is a trademark of SJE, Inc.

TANK ALERT® 4X - Easy-to-install liquid level alarm system which has a NEMA 4X enclosure for indoor or outdoor use.

Part #	Description	Shipping Weight
1008024	4X-01HSGM (120 VAC w/15' SJE SignalMaster® High Level)	3.40 lbs.
1008026	4X-01LSGM (120 VAC w/15' SJE SignalMaster® Low Level)	3.40 lbs.
1008023	4X-01H (120 VAC w/15' Sensor Float® High Level)	3.65 lbs.
1008025	4X-01L (120 VAC w/15' Sensor Float® Low Level)	3.65 lbs.
1008027	4X-01X (120 VAC no float)	2.10 lbs.
OPTION AUX	Auxiliary alarm contacts (factory installed option only)	NA

H = High Level **L** = Low Level **X** = No Float **MASTER CARTON holds 12 boxed units.**

CONTROL SWITCH OPTIONS

The Tank Alert® 4X alarm system comes standard with a 15 foot SJE SignalMaster® control switch with mounting clamp. Other float switches are available. See control switch section of the catalog. To determine the price of alarm with an alternate float, add the price of the part number with "no float" to the price of the float switch.

SPECIFICATIONS

VOLTAGE: 120 VAC, 50/60 Hz

ALARM ENCLOSURE: 6.4 x 5.3 x 5 inches (16.2 x 13.5 x 13.34 cm), NEMA 4X, indoor-outdoor, weatherproof, UV stabilized thermoplastic

ALARM HORN: 88 decibels at 10 feet (3 meters)

ALARM BEACON: UL Listed, Type 4X beacon assembly

AUXILIARY ALARM CONTACTS (OPTIONAL): 120 VAC, 5 amps max., 50/60 HZ

FLOAT SWITCH: SJE SignalMaster® control switch with mounting clamp

CABLE: 15 feet (4.57 meters), flexible 18 gauge, 2 conductor (UL) SJOW, water-resistant (CPE)

FLOAT: 2.74 inch diameter x 4.83 inch long (7 cm x 12.3 cm), high impact, corrosion resistant polypropylene housing for use in sewage and non-potable water up to 140°F (60°C)

MAXIMUM WATER DEPTH: 30 feet (9 meters), 13 psi

ELECTRICAL: 5 amps, 125 VAC/250 VAC, 50/60 Hz

S/A #: 0876532

0876532

VISA, MASTERCARD AND AMERICAN EXPRESS ACCEPTED

Crystal Clean

Service Agreement

CORPORATE OFFICES
2175 Point Blvd., Suite 375
Elgin, IL 60123
(877) 938-7948
FED. TAX I.D. # 35-2083150

Information for Current HCC Customers Only:

HCC Customer #: _____ Original Service Agreement #: _____

Service Request #: _____ HCC Generator #: _____

THE ADDITIONAL SERVICES DESCRIBED HEREIN ARE SUPPLEMENTAL TO THOSE SERVICES DESCRIBED IN THE ABOVE ORIGINAL SERVICE AGREEMENT AND ALL TERMS, CONDITIONS AND CERTIFICATIONS THEREIN ALSO GOVERN THESE ADDITIONAL SERVICES.

Placement: _____ Emp. ID #

Installation: _____ Emp. ID #

This agreement is made this 7th day of April, 2022, by and between

HERITAGE-CRYSTAL CLEAN, LLC (herein "HCC") and:

LOCATION	BILL TO
Name: Deaton Truck Maintenance	Name:
Address: 553 Lentz Rd.	Address:
City: Statesville State: NC Zip: 28625	City: State: Zip:
Telephone #: 706.766 1734 Contact Name/Title: Nick Mclemore	Telephone #: Fax #:
State EPA I.D. #: Fed EPA I.D. #:	FEIN#: E-mail

HCC shall provide the services designated herein, subject to the other terms and conditions hereof. The term of this Agreement shall be for a period of one (1) year from the date hereof, which period shall be automatically extended for periods of one (1) year from the date of each service hereunder, subject to (a) written notice of termination by Customer which would be effective as of the end of the then current one (1) year period or (b) written notice of termination by Customer within thirty (30) days after an increase in prices by HCC hereunder which, in the aggregate, during any immediately preceding twelve (12)-month period exceeds a ten percent (10%) increase, or (c) termination by HCC at any time in the event of Customer's breach of this Agreement.

PLEASE SEE ADDITIONAL TERMS, CONDITIONS, AND CERTIFICATIONS ON THE REVERSE SIDE HEREOF AND/OR PROVIDED HEREWITH WHICH ARE PART OF THIS AGREEMENT.

Authorized Customer Representative Signature	HCC Representative Signature

MACHINE PLACEMENT

Product Code	FT	Location	Plc Code	Service Int.	$ / Service	Sub Total
1.) 1111	O	Bulk Waste Water			$ .25/GAL	$
2.) 1102	O	Bulk Solids			$ .85/GAL	$
3.) 1103	O	Transportation			$ 125.00/HR	$
4.)	O				$	$
5.)	O				$	$
6.)	O				$	$

PRODUCTS/SERVICES PLACEMENT

Product Code	Qty.	Product Description:	Service Int.	$ / Service	Sub Total
1.)				$	$
2.)				$	$
3.)				$	$
4.)				$	$

Customer Trial Authorization Signature _____ Date _____

CONTINUATION PAGE COMPLETED? YES O NO O

TOTALS	
Machines	$
Products	$
Sales Tax	$
TOTAL	$
Pmnt Rec'd	$

COMMENTS

___VISA ___AMEX ___MasterCard Exp. Date ___/___ ___Check (Check #_____) ___Cash ___On Account

This Service Only ☐
Every Service ☐

Card Holder Name: _____ Card #: _____ P.O. #: _____

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OFFICE

FORM 20312

Crystal Clean

Heritage Crystal Clean
2115 Speedrail Ct
Concord NC 28025

Rick Metcalf
704-201-2053

CUSTOMER QUOTATION

Today's Date: 4/4/22

Company Name: Denton Fleet

Phone: 336-516-1384

Address: 553 Lentz Rd

Contact Name: Doug

City, State, Zip Statesville NC 28265

REUSE / NONHAZ PROGRAM

# Units	Model #		SVC Frequency	Price Per Service	Services Per Year	Annual Cost

Type of Service		Quantity	Unit Price	Total Price
Waste water disposal			.25/gallon	
Solids disposal			.85/gallon	
transportation			125.00/Hour	
Total Cost				

The above pricing is based on information provided by the customer. This quotation will remain in effect for 30 days.

Signature:

Temp Fuel Surcharge $7.75

April 12, 2022

David DeCaron
Piedmont Design Associates, P.A.
125 East Plaza Dr.
Mooresville NC 28115

Dear David,

Subject to a signed service agreement with Heritage-Crystal Clean, LLC ("HCC") with agreed upon terms and conditions, and completed generator certificate and waste stream approval, HCC would propose the following:

1. Pick-up used oily waste water ("Material") from your facility located at 553 Lentz Rd. Statesville NC 28265;
2. The Material will be collected using our fleet of HCC owned bulk vacuum trucks and taken to HCC's wastewater treatment facility located at 2115 Speedrail Court in Concord NC.
3. The oil and water are separated the oil is sent to our oil refinery 3970 W 10th St Indianapolis In 46222; and
4. The water is chemically treated at our wastewater treatment facility according to all regulated specifications and discharged into the Rocky River Regional Wastewater Treatment Plant.
5. The maximum daily discharge gallons per our permit is 100,000 gpd.
6. The maximum monthly average discharge gallons per our permit is 87,000 gpd.

HCC's discharge permit number is 1030.

If you need anything additional, please feel free to reach out to me.

Sincerely,

Rick Metcalf
Bulk Water Sales Manager

David DeCaron

From: Tuvia, Ori A <ori.tuvia@ncdenr.gov>
Sent: Wednesday, April 13, 2022 7:22 AM
To: David DeCaron
Cc: Donald Munday
Subject: RE: [External] P&H for Oil/Water Floor Drains

Would you please forwarded the email to Mr. Metcalf.

Good Morning Mr. Metcalf,
The MRO received your letter on April 12, 2022, regarding pump and haul activities for industrial wastewater at the Crystal Clean facility at 553 Lentz Rd. Statesville NC 28265, Iredell County. Based on a review of the information submitted, the MRO is satisfied that this meets the criteria for being deemed permitted under 15A NCAC 02T .0203(a)(2).

Should you have any questions, feel free to contact me.
Sincerely,

Ori Tuvia
Environmental Engineer
NC DEQ / Division of Water Resources
610 East Center Avenue
Mooresville, NC 28115
Direct Line: (704) 235-2190 Fax: (704) 663-6040
Ori.tuvia@ncdenr.gov



Nothing Compares

Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties.

From: David DeCaron <ddecaron@pdapa.com>
Sent: Tuesday, April 12, 2022 3:31 PM
To: Tuvia, Ori A <ori.tuvia@ncdenr.gov>
Cc: Donald Munday <dmunday@pdapa.com>
Subject: RE: [External] P&H for Oil/Water Floor Drains

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to Report Spam.

Mr. Tuvia,
Attached is letter from Crystal Clean regarding the IPWW pumping at facility in Statesville. Please let me know if this is adequate for your use.

David DeCaron
Piedmont Design Associates, P.A.

125 East Plaza Drive, Suite 101
Mooresville, NC 28115
Phone 704-664-7888
Fax 704-664-1778
Email: ddecaron@pdapa.com
NCBELS License No. C-1007

From: Tuvia, Ori A <ori.tuvia@ncdenr.gov>
Sent: Tuesday, April 5, 2022 3:46 PM
To: David DeCaron <ddecaron@pdapa.com>
Cc: Donald Munday <dmunday@pdapa.com>
Subject: RE: [External] P&H for Oil/Water Floor Drains

No, however you will need to submit the following information:
(A) the facility notifies the appropriate Division regional office in writing advising of the type of operation, type, and quantity of wastewater generated, the location of wastewater generation, and the receiving wastewater treatment facility. A letter from the facility accepting the wastewater (type and quantity) agreeing to accept wastewater from the applicant shall be included;

Sincerely,

Ori

From: David DeCaron <ddecaron@pdapa.com>
Sent: Tuesday, April 05, 2022 2:59 PM
To: Tuvia, Ori A <ori.tuvia@ncdenr.gov>
Cc: Donald Munday <dmunday@pdapa.com>
Subject: RE: [External] P&H for Oil/Water Floor Drains

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Great, thank you! So no pump and haul permit required?

David DeCaron
Piedmont Design Associates, P.A.
125 East Plaza Drive, Suite 101
Mooresville, NC 28115
Phone 704-664-7888
Fax 704-664-1778
Email: ddecaron@pdapa.com
NCBELS License No. C-1007

From: Tuvia, Ori A <ori.tuvia@ncdenr.gov>
Sent: Tuesday, April 5, 2022 2:01 PM
To: David DeCaron <ddecaron@pdapa.com>
Cc: Donald Munday <dmunday@pdapa.com>
Subject: RE: [External] P&H for Oil/Water Floor Drains

David,

This should be fine

Ori

From: David DeCaron <ddecaron@pdapa.com>
Sent: Monday, April 04, 2022 3:13 PM
To: Tuvia, Ori A <ori.tuvia@ncdenr.gov>
Cc: Donald Munday <dmunday@pdapa.com>
Subject: RE: [External] P&H for Oil/Water Floor Drains

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Safety Kleen and or Crystal Clean. Both are National Companies that pumps these tanks out. They also take heavy metal waste from Xray machines.
https://www.safety-kleen.com/
https://www.crystal-clean.com/service/vacuum-truck-services/

David DeCaron
Piedmont Design Associates, P.A.
125 East Plaza Drive, Suite 101
Mooresville, NC 28115
Phone 704-664-7888
Fax 704-664-1778
Email: ddecaron@pdapa.com
NCBELS License No. C-1007

From: Tuvia, Ori A <ori.tuvia@ncdenr.gov>
Sent: Monday, April 4, 2022 3:10 PM
To: David DeCaron <ddecaron@pdapa.com>
Cc: Donald Munday <dmunday@pdapa.com>
Subject: RE: [External] P&H for Oil/Water Floor Drains

David ,

What Is the facility it will be going to? Are they permitted to handle this kind of waste?

Ori

From: David DeCaron <ddecaron@pdapa.com>
Sent: Monday, April 04, 2022 9:08 AM
To: Tuvia, Ori A <ori.tuvia@ncdenr.gov>
Cc: Donald Munday <dmunday@pdapa.com>
Subject: RE: [External] P&H for Oil/Water Floor Drains

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Ori,

There is no wastewater treatment facility for this type of waste. The companies that pump these holding tanks take to refinery facility for recycle. Would this change the permit at all?

David DeCaron
Piedmont Design Associates, P.A.
125 East Plaza Drive, Suite 101
Mooresville, NC 28115
Phone 704-664-7888
Fax 704-664-1778
Email: ddecaron@pdapa.com
NCBELS License No. C-1007

From: Tuvia, Ori A <ori.tuvia@ncdenr.gov>
Sent: Friday, April 1, 2022 11:16 AM
To: David DeCaron <ddecaron@pdapa.com>
Cc: Donald Munday <dmunday@pdapa.com>
Subject: RE: [External] P&H for Oil/Water Floor Drains

David,

This sound like it will meet the industrial wastewater P&H. we will need per the rule an acceptance letter from the company receiving the waste:
2) industrial wastewater if the following criteria are met:
(A) the facility notifies the appropriate Division regional office in writing advising of the type of operation, type, and quantity of wastewater generated, the location of wastewater generation, and the receiving wastewater treatment facility. A letter from the facility accepting the wastewater (type and quantity) agreeing to accept wastewater from the applicant shall be included;
(B) the wastewater does not contain any human waste;
(C) the waste is collected and discharged into a sewer or treatment system designed and permitted to accept the type of wastewater being pumped and hauled;
(D) the pump and haul activity is not to alleviate a failing wastewater system; and
(E) the Division regional office concurs in writing that the activity meets the criteria in this Rule.

Sincerely ,

Ori

From: David DeCaron [mailto:ddecaron@pdapa.com]
Sent: Friday, April 1, 2022 9:30 AM
To: Tuvia, Ori A <ori.tuvia@ncdenr.gov>
Cc: Donald Munday <dmunday@pdapa.com>
Subject: [External] P&H for Oil/Water Floor Drains

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to Report Spam.

Mr. Tuvia,
Hope you are doing well. We are working on a new garage in Iredell County that has floor drains for wash down. The plumbing goes to a holding tank for a company such as Safety Kleen or Crystal Clean come and pump, on contract, on as needed basis or schedule. They usually recycle the oils and reuse. We have done these in the past for race shops and fire departments as well. There is no outlet on these tanks and are permanent solutions. We do this instead of sending

to septic system to keep petroleum products out of drainfield. Does this require a pump and haul permit? Didn't think so but wanted to verify.

David DeCaron
Piedmont Design Associates, P.A.
125 East Plaza Drive, Suite 101
Mooresville, NC 28115
Phone 704-664-7888
Fax 704-664-1778
Email: ddecaron@pdapa.com
NCBELS License No. C-1007

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

(250) 1 public bath

Sheet 1 of 1
PROPERTY ID #: 4749923517
COUNTY: Iredell

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

2 bath (emp) 10 employees 250

OWNER: Deaton Properties
APPLICATION DATE 11/29/21
ADDRESS: 611 Buttermilk Cave Spring GA
DATE EVALUATED: 4/20/22
PROPOSED FACILITY: Vehicle Maint PROPOSED DESIGN FLOW (.1949): 500 gpd
PROPERTY SIZE:
LOCATION OF SITE: 553 Lentz Statesville
PROPERTY RECORDED: 4
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☒ Industrial Process ☐ Mixed

pumpout

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 12	0-8	SCL - WSBK	SSSP-FR-SEXP	—	53"	N/A	N/A	PS 0.3
		8-39	C - SBK	↓					
		39-53	CL - WSBK						
2	LS 5	0-6	SCL - WSBK	SSSP-FR-SEXP	—	60"	N/A	N/A	PS 0.275
		6-43	C - SBK	↓					
		43-60	CL - SBK						
			light @	CL	Minor lateral root channels to 48		H2O @ 22" some channels	minor	
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	456'	417"
System Type(s)	25% PM	25% PM
Site LTAR	0.275	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D. Weberg
OTHER(S) PRESENT: Ross, D. Uhler

COMMENTS: Heavy rain Monday, 2 days previous

Updated February 2014

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

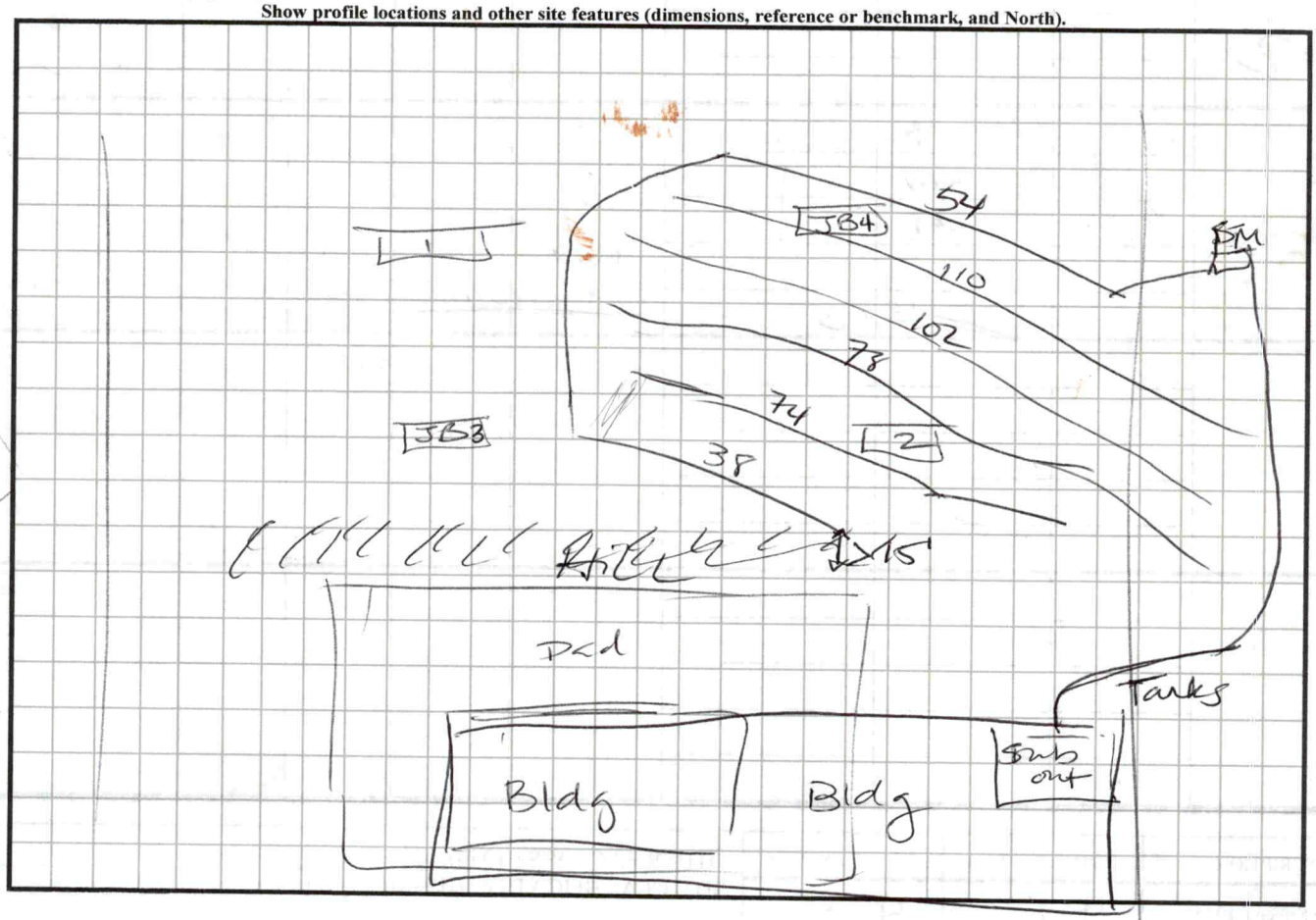
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

Show profile locations and other site features (dimensions, reference or benchmark, and North).



DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #: 4749 82 3517
COUNTY: Jackson

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: Deaton Properties
APPLICATION DATE 11-14-21
ADDRESS: 1611 Buttermilk Rd, Cave Spring GA 30124
DATE EVALUATED: 3-11-22
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 500 gpd
PROPERTY SIZE: _____
LOCATION OF SITE: 553 Lewis Rd,
PROPERTY RECORDED: Yes
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	2-3% SS	0-6	SBK, scl	Fr SSSP Sompp	4B mottles 18"-24" above 36"	48"	NA	NA	.25 P
		6-34	~~ABK~~ C						
		34-48	SBK CL						
2	2-3% SS	0-12	SBK, scl		Mg @ 38-48"	48"	NA	NA	PS .3
		12-48	~~ABK~~ C						
3	3-4% LTS	0-10	SBK, scl		NA	48"	NA	NA	PS .3
		10-46	SBK C						
		46-48	SBK CL						
4	3-4% LTS	0-8	SBK, scl		NA	48"	NA	NA	PS .3
		8-24	SBK C						
		24-48	SBK CL						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Boggs
OTHER(S) PRESENT: _____

COMMENTS: _____

Updated February 2014

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

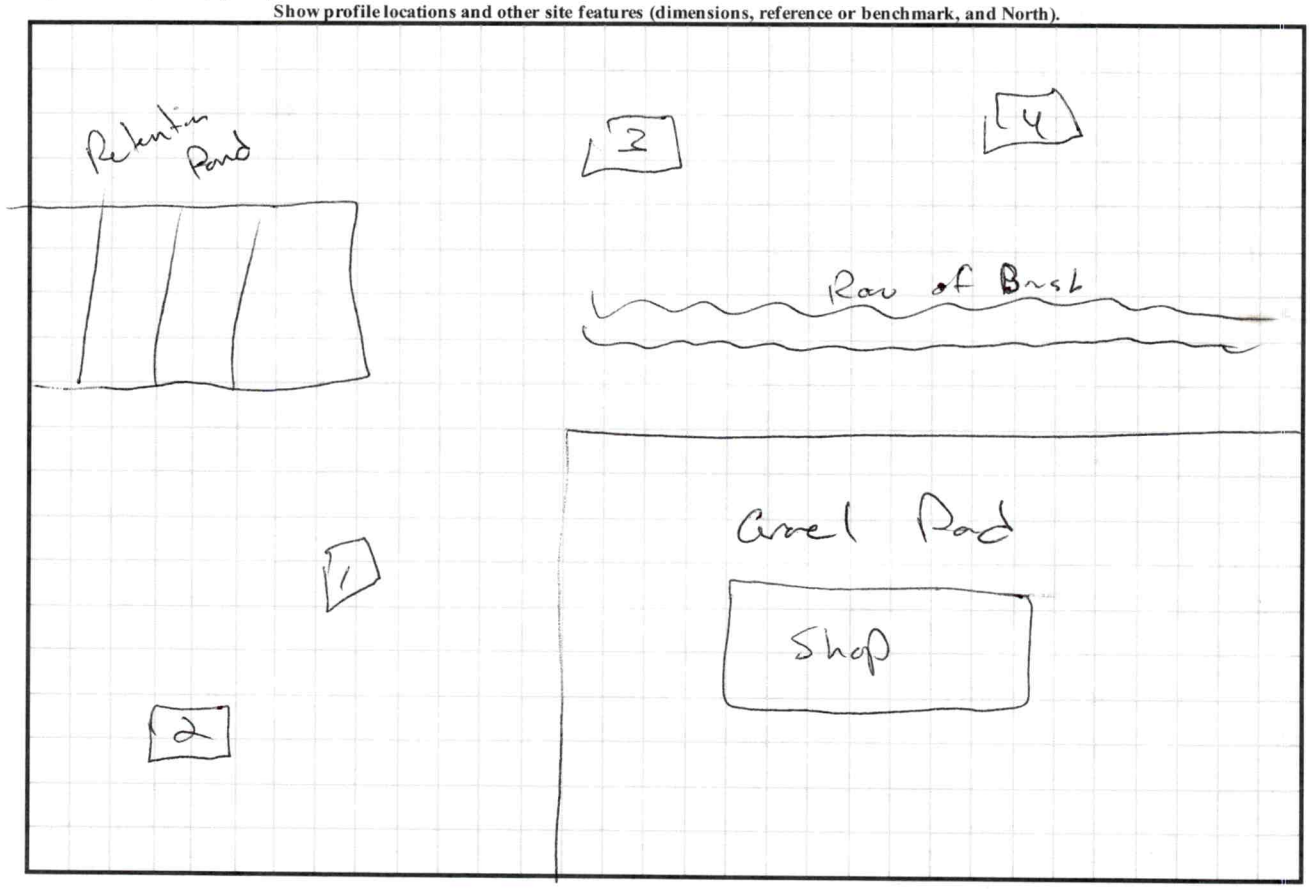
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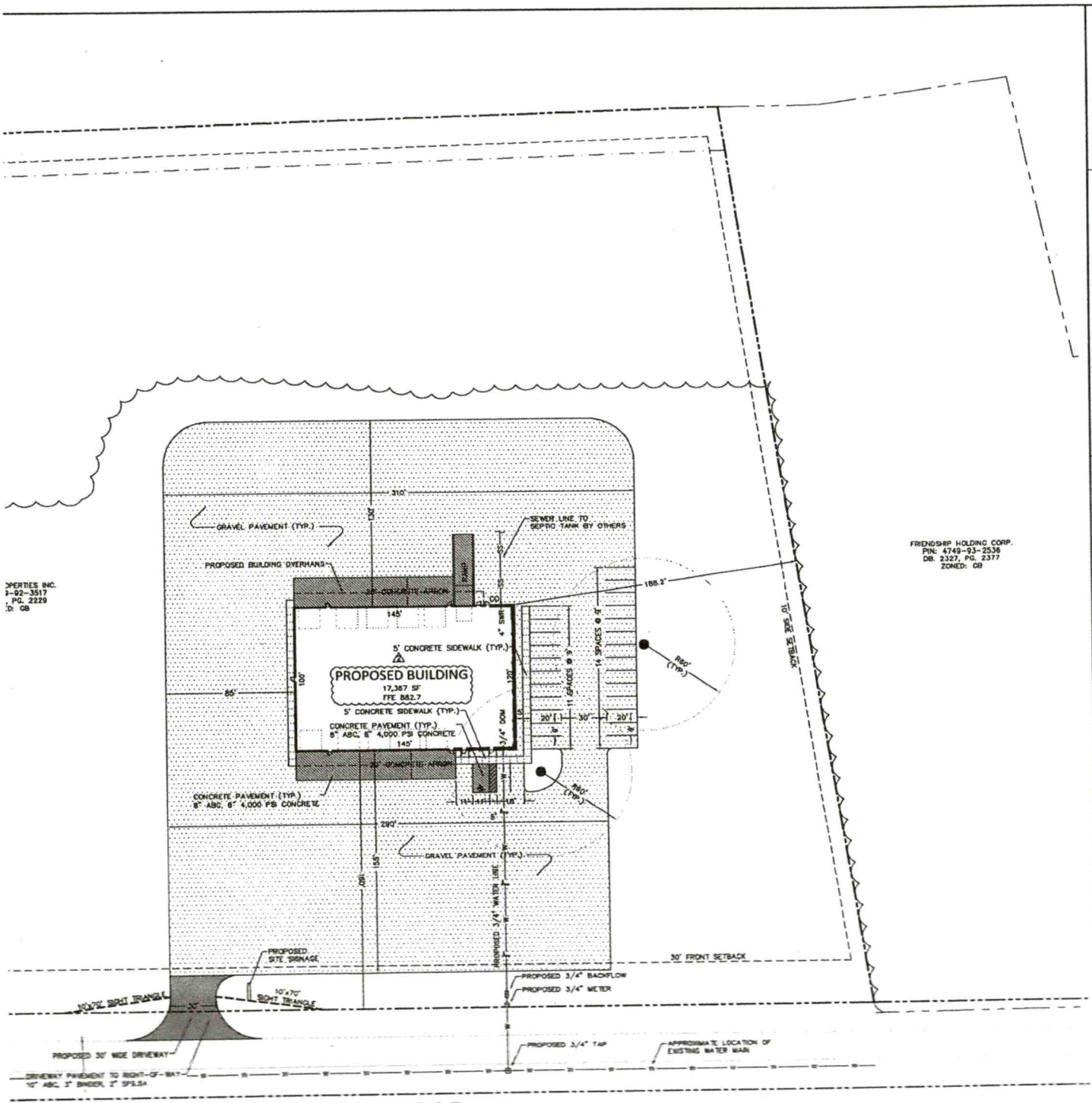
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DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

Show profile locations and other site features (dimensions, reference or benchmark, and North).



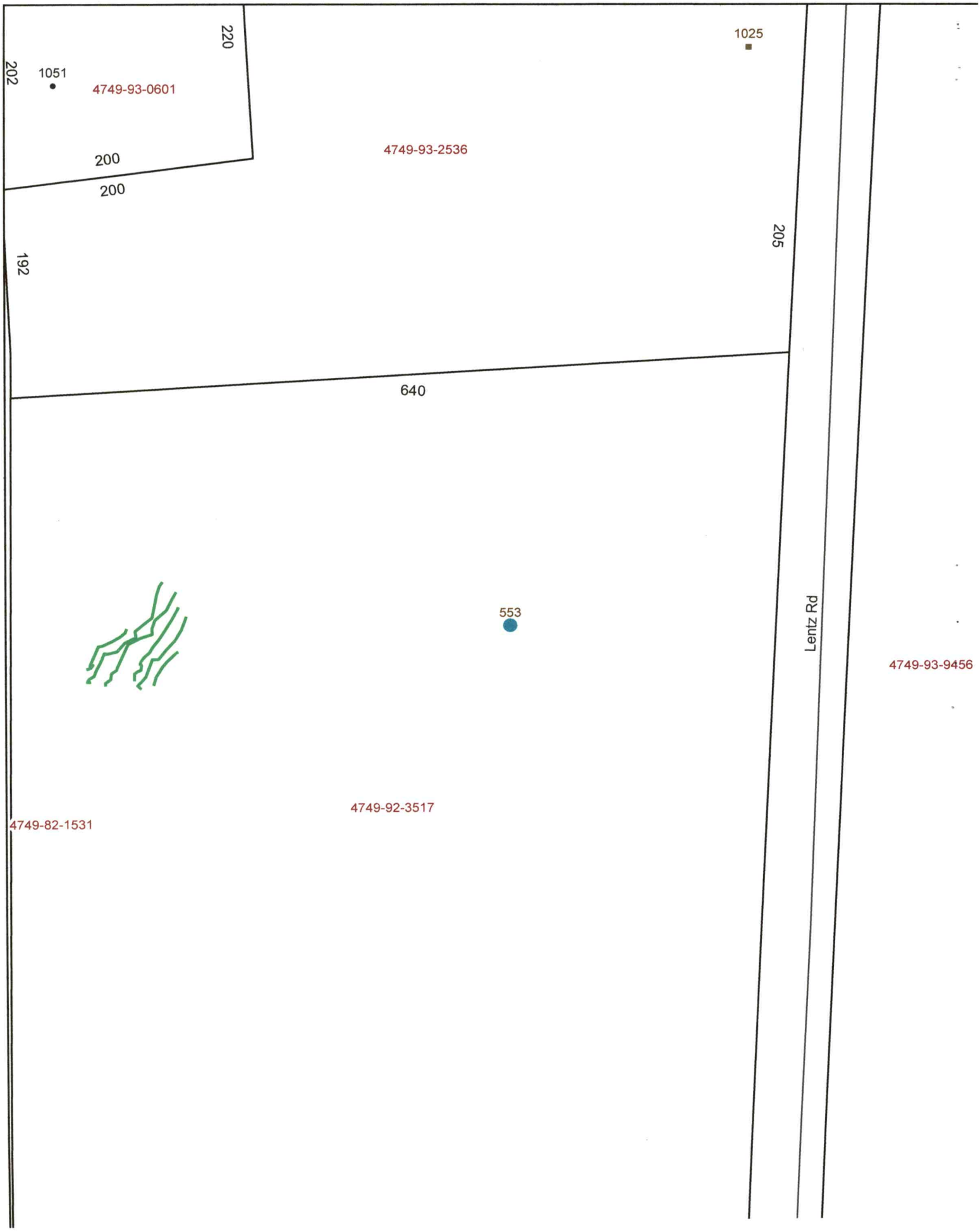


LENTZ ROAD
(NCDOT SR 1916)
60' PUBLIC RIGHT-OF-WAY

JORDAN GRANT
ENGINEERING • SURVEYING • PLANNING

ENLARGED SITE PLAN

MAP REVISIONS:


220
202
1051
4749-93-0601
200
200
1025
4749-93-2536
205
192
640
553
Lentz Rd
4749-93-9456
4749-92-3517
4749-82-1531

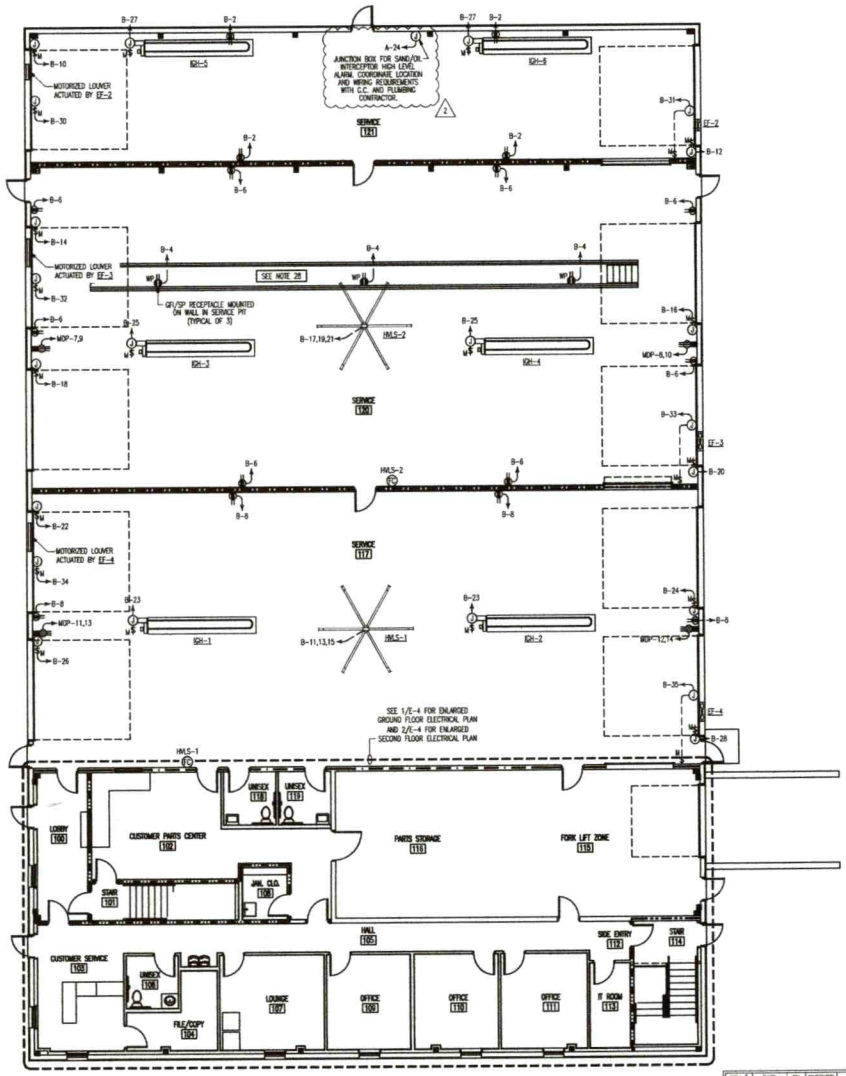
Acknowledgement Of Plans Submittal ONLY!

Douglas R. Poole Date 4/29/22

Date 4/25/22

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
⊖	120V DUPLEX RECEPTACLE
⊖GF	120V DUPLEX RECEPTACLE, GROUND FAULT INTERRUPTER
⊖GF WP	120V DUPLEX RECEPTACLE, GROUND FAULT INTERRUPTER, WEATHER PROOF
⊖	208V RECEPTACLE
⊖C	120V DUPLEX RECEPTACLE, CEILING MOUNTED
D	UNFUSED DISCONNECT
▶	TELE/DATA OUTLET
▷TV	TV CABLE OUTLET
$M	MOTOR RATED SWITCH
J	JUNCTION BOX
	ELECTRICAL PANEL
FC	FAN CONTROLLER
11	ANNUNCIATOR COMMUNICATION PANEL, CORNELL #A-4204 OR EQUAL
12	TWO-WAY COMMUNICATION STATION, CORNELL #420151/V OR EQUAL
PS	12V OR 24V POWER SUPPLY WITH BATTERY BACK-UP CORNELL #85243A OR EQUAL

WALL LEGEND	
SYMBOL	DESCRIPTION
	2 HOUR FIRE BARRIER – UL U419
	2 HOUR FIRE BARRIER – UL U905
	1 HOUR FIRE BARRIER – UL U419
	1 HOUR FIRE PARTITION – UL U419
	1 HOUR FIRE PARTITION – UL U905



GROUND FLOOR ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

REV	DATE	BY	CHECKED	DESCRIPTION
1	3/23/22	MEO	JNK	REVISED TO SUIT NEW FLOOR PLAN. REFERENCE 3/15/2022 EMAIL FROM JOHN TOKARCZYK WITH WILKINS DESIGN GROUP. ADDED AREA OF REFUGE COMMUNICATION DEVICES IN RESPONSE TO 3/8/2022 IREDELL COUNTY PLAN REVIEW COMMENTS BY DANIEL POOLE.
2	4/7/22	JNK	SJB	ADDED POWER FOR SAND/OIL INTERCEPTOR HIGH LEVEL ALARM. REFERENCE 4/7/22 EMAIL FROM DOUG UHLER WITH TOP CONSTRUCTION COMPANY.

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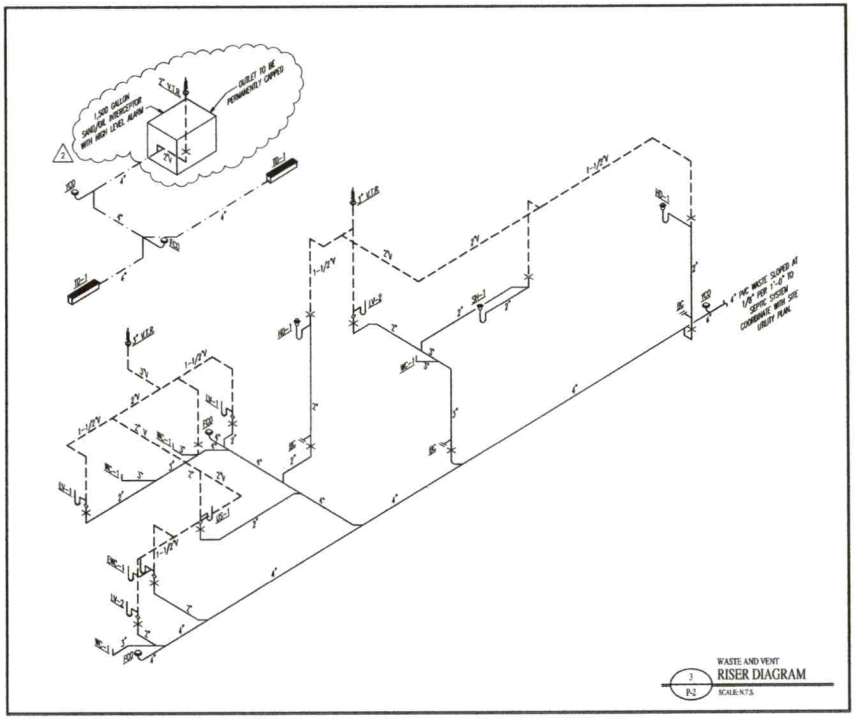
NEW CONSTRUCTION FOR:
DEATON FLEET SOLUTIONS
553 Lentz Road
Statesville, North Carolina 28625

DRAWING NAME: GROUND FLOOR ELECTRICAL PLAN

NORTH CAROLINA PROFESSIONAL SEAL 050989 ENGINEER

DRAWN	NCL
CHECKED	JNK
DATE	2/4/22
SCALE	AS NOTED
JOB NO.	21094
SHEET	E-3

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3 P-2 WASTE AND VENT RISER DIAGRAM
SCALE: N.T.S.

PLUMBING FIXTURE SCHEDULE

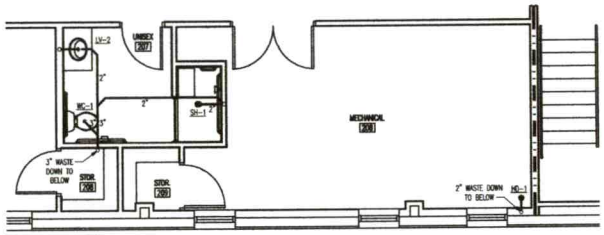
ITEM NO.	FIXTURE DESCRIPTION	MANUFACTURER	* MODEL NO.	CONNECTION SIZES C.W.	H.W.	WASTE**	VENT	REMARKS
EWC-1	ELECTRIC WATER COOLER	SUNROC	ADASAC	1/2"	--	1-1/2"	1-1/2"	BARRIER FREE WATER COOLER
WC-1	WATER CLOSET - TANK TYPE - H.C.	AMER. STD.	2709A.101	1/2"	--	3"	2"	FLOOR MTD. 1.28 GAL/FLUSH, H.C. HEIGHT
LV-1	WALL HUNG LAVATORY	AMER. STD.	0356.028	1/2"	1/2"	1-1/2"	1-1/2"	SINGLE LEVER FAUCET, TRUEBRO PIPING COVERS
LV-2	COUNTER MOUNT LAVATORY	AMER. STD.	0478.028	1/2"	1/2"	1-1/2"	1-1/2"	SINGLE LEVER FAUCET, TRUEBRO PIPING COVERS
US-1	UTILITY SINK	FIAT	FL-1	1/2"	1/2"	2"	1-1/2"	MTD. ON LEGS, DOUBLE LEVER CHROME FAUCET
FCO	FLOOR CLEAN OUT	ZURN	Z-1400	--	--	--	--	SIZE DETERMINED UPON WASTE PIPE
YCO	YARD CLEAN OUT	ZURN	Z-1470	--	--	--	--	WITH FLANGED ACCESS BOX SIZE DETERMINED UPON WASTE PIPE
BC	BASE CLEAN OUT	ZURN	Z-1441	--	--	--	--	SIZE DETERMINED UPON WASTE PIPE
HD-1	HUB DRAIN	CHARLOTTE PLASTICS	4"x2"	--	--	2"	1-1/2"	-
TD-1	TRENCH DRAIN	ABT	POLYDRAIN	--	--	4"	--	4'-0" IN LENGTH WITH TRAFFIC RATED DUCTILE IRON GRATES (ABT #2502)
SH-1	SHOWER	--	--	1/2"	1/2"	2"	1-1/2"	SITE CONSTRUCTED CURBLESS ENTRY SHOWER WITH AMERICAN STANDARD 1662.843 FLOWISE SQUARE SHOWER SYSTEM KIT

* FIXTURE MODEL NUMBERS LISTED ARE FOR DESCRIPTION ONLY.
** SEE NOTE 5

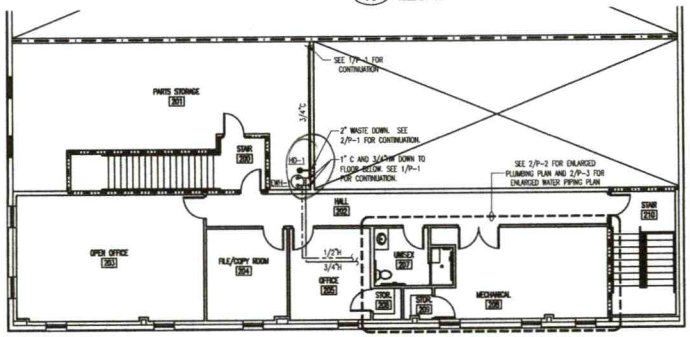
Waste and Water Calculations

Fixture Type	Quantity	Waste Fixture Units Per Unit	Waste Fixture Units Total	Hot Water Fixture Units Per Unit	Hot Water Fixture Units Total	Cold Water Fixture Units Per Unit	Cold Water Fixture Units Total	Total Water Fixture Units Per Unit	Total Water Fixture Units Total
Water Closet - Tank	4	4	16	0	0	5	20	5	20
Lavatory	4	1	4	1.5	6	1.5	6	2	8
Trench Drain	2	5	10	0	0	0	0	0	0
Hub Drain	1	3	3	0	0	0	0	0	0
Water Cooler	1	0.5	0.5	0	0	0.25	0.25	0.25	0.25
Mop Sink	1	2	2	2.25	2.25	2.25	2.25	3	3
Shower	1	2	2	1	1	1	1	1.4	1.4
Total			37.5		9.25		29.5		32.65

Note 1 - 4" waste line sloped at 1/8" per foot is adequate for 180 fixture Units (NCPC Table 710.1(1))
Note 2 - Total GPM = 27.7 (NCPC Table E103.3(3)). 1-1/4" Water line adequate for 35 GPM (NCPC Figure E103.3(5))



2 P-2 ENLARGED SECOND FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"



1 P-2 SECOND FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

PIPING LEGEND

SYMBOL	DESCRIPTION
	SEWER PIPING
	OIL WASTE PIPING
	VENT PIPING
	COLD WATER
	HOT WATER

WALL LEGEND

SYMBOL	DESCRIPTION
	2 HOUR FIRE BARRIER - UL U419
	2 HOUR FIRE BARRIER - UL U905
	1 HOUR FIRE BARRIER - UL U419
	1 HOUR FIRE PARTITION - UL U419
	1 HOUR FIRE PARTITION - UL U905

2 SAND/OIL INTERCEPTOR CALCULATIONS

TOTAL S.F.	AREA CALCULATIONS	REQUIRED CAPACITY
1,796	0 CU. FT. FOR FIRST 100 S.F.	0 CU. FT.
	1 CU. FT. PER 100 S.F. FOR REMAINING AREA	16.96 CU. FT.
MINIMUM REQUIRED TOTAL CAPACITY 22.96 CU. FT. x 7.4805 (GALLONS PER CU. FT.) = 171.75 GALLONS		

Acknowledgement Of Plans Submittal ONLY!

Date 4/29/22

Date 4/25/22

REV #	DATE	BY	CHECKED	DESCRIPTION
1	3/23/22	MEO	JNK	REVISED TO SUIT NEW FLOOR PLAN. REFERENCE 3/15/2022 EMAIL FROM JOHN TOKARCZYK. ADDED SHOWER (SH-1) TO PLUMBING FIXTURE SCHEDULE IN RESPONSE TO 3/9/2022 IREDELL COUNTY PLAN REVIEW COMMENTS BY DANIEL POOLE. RELOCATED WATER HEATER. REMOVED RECIRCULATION SYSTEM AND RE-WORKED PLUMBING. REFERENCE 3/22/22 EMAIL FROM DOUG UHLER WITH TOP CONSTRUCTION COMPANY.
2	4/7/22	JNK	SJB	REVISED INTERCEPTOR TO BE 1500 SAND/OIL TYPE WITH HIGH LEVEL ALARM AND REMOVED INTERCEPTOR CONNECTION TO SEPTIC SYSTEM. REFERENCE 4/7/22 EMAIL FROM DOUG UHLER WITH TOP CONSTRUCTION COMPANY.

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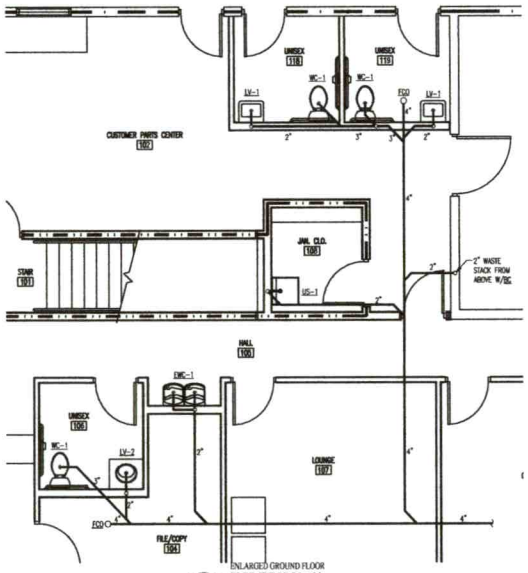
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336-782-2121 - WWW.WILKINSDESIGNGROUP.COM

NEW CONSTRUCTION FOR:
DEATON FLEET SOLUTIONS
553 Lentz Road
Statesville, North Carolina 28625

DRAWING NAME
SECOND FLOOR PLUMBING PLAN

NORTH CAROLINA PROFESSIONAL SEAL 050989

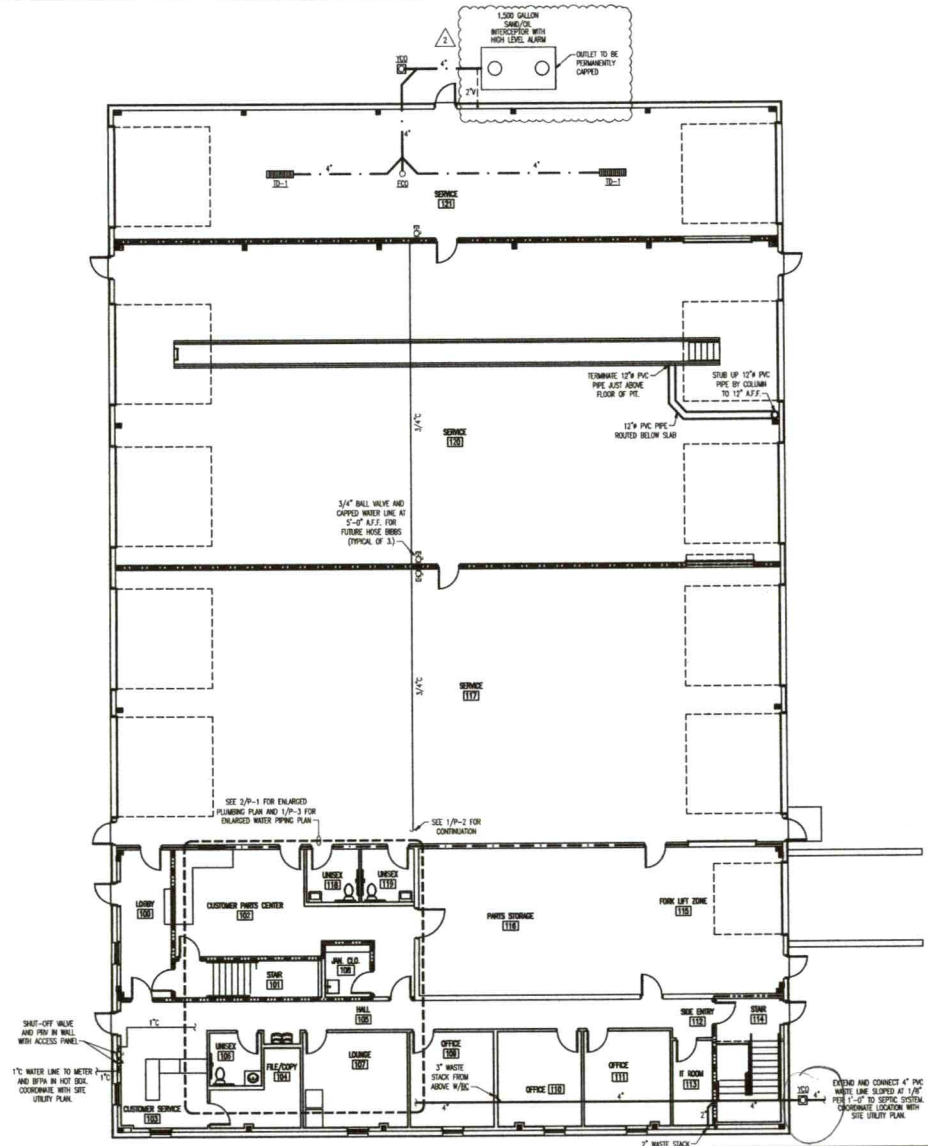
DRAWN	MEO
CHECKED	JNK
DATE	3/4/22
SCALE	AS NOTED
FILE NO.	21094
SHEET	P-2



ENLARGED GROUND FLOOR
PLUMBING PLAN
SCALE: 1/4" = 1'-0"

PIPING LEGEND	
SYMBOL	DESCRIPTION
	SEWER PIPING
	OIL WASTE PIPING
	VENT PIPING
	COLD WATER
	HOT WATER

WALL LEGEND	
SYMBOL	DESCRIPTION
	2 HOUR FIRE BARRIER – UL U419
	2 HOUR FIRE BARRIER – UL U905
	1 HOUR FIRE BARRIER – UL U419
	1 HOUR FIRE PARTITION – UL U419
	1 HOUR FIRE PARTITION – UL U905



GROUND FLOOR
PLUMBING PLAN
SCALE: 1/4" = 1'-0"

REV #	DATE	BY	CHECKED	DESCRIPTION
1	3/23/22	MEO	JWK	REVISED TO SUIT NEW FLOOR PLAN. REFERENCE 3/15/2022 EMAIL FROM JOHN TOKARCZYK. RELOCATED WATER HEATER, REMOVED RECIRCULATION SYSTEM AND RE-WORKED PLUMBING. REFERENCE 3/22/22 EMAIL FROM DOUG UHLER WITH TOP CONSTRUCTION COMPANY.
2	4/7/22	JWK	SJB	REVISED INTERCEPTOR TO BE 1500 SAND/OIL TYPE WITH HIGH LEVEL ALARM AND REMOVED INTERCEPTOR CONNECTION TO SEPTIC SYSTEM. REFERENCE 4/7/22 EMAIL FROM DOUG UHLER WITH TOP CONSTRUCTION COMPANY.

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1848 SOUTH CHURCH STREET BURLINGTON, NC 27215
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NEW CONSTRUCTION FOR:
DEATON FLEET SOLUTIONS
553 Lentz Road
Statesville, North Carolina 28625

DRAWING NAME
GROUND FLOOR PLUMBING PLAN

NORTH CAROLINA PROFESSIONAL SEAL 050989 JAMES W. KNOTT 4/7/2022

DRAWN	MEO
CHECKED	JWK
DATE	2/4/22
SCALE	AS NOTED
PROJECT	21094
SHEET	P-1

Acknowledgement Of Plans Submittal ONLY!

Douglas R Uhler Date 4/29/22

Date 4/25/22

ELECTRICAL NOTES:

1. BREAKERS SHALL HAVE "AIC" RATING GREATER THAN THE FAULT CURRENT. ELECTRICAL CONTRACTOR IS TO CONTACT POWER COMPANY FOR AVAILABLE FAULT CURRENT. SERIES RATING IS PERMISSIBLE. ALL PANELS ARE TO BE MARKED WITH AVAILABLE FAULT CURRENT VALUES IN ACCORDANCE WITH NEC ARTICLE 110.24.
2. FUSES IN SERVICE DISCONNECTS SHALL BE CURRENT LIMITING TYPE.
3. COORDINATE ALL HVAC WIRING WITH MECHANICAL CONTRACTOR.
4. EMERGENCY LIGHTING AND EXIT SIGNS TO BE CONNECTED AHEAD OF ANY SWITCHING.
5. WIRE TO BE COPPER TYPE THWN (EXTERIOR) AND COPPER TYPE THHN (INTERIOR) OR APPROVED EQUAL UNLESS NOTED OTHERWISE.
6. COORDINATE LOCATION OF ALL DEVICES AND MOUNTING HEIGHTS OF RECEPTACLES WITH OWNER.
7. ALL ELECTRICAL COMPONENTS ARE TO BE UL LISTED.
8. ANY FIRE RATED ASSEMBLY PENETRATIONS ARE TO BE PER CODE. CONTRACTOR SHOULD REVIEW ALL FIRE RATING PENETRATIONS.
9. OUTLET BOXES ON OPPOSITE SIDES OF A FIRE RATED WALL SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24". WHERE THIS PROVISION CANNOT BE MET, THE OUTLET BOX SHOULD BE ENCASED WITH FIRE-RATED GYPSUM BOARD OR EQUIPPED WITH APPROVED INTUMESCENT PUDDY PADS.
10. EQUIPMENT GROUND CONDUCTOR TO BE PROVIDED IN ACCORDANCE WITH NEC SECTION 250.
11. ALL INTERIOR WIRING TO BE RUN IN EMT OR MC CABLE EXCEPT WHERE PROHIBITED BY THE NATIONAL ELECTRIC CODE.
12. EXHAUST FANS ARE TO BE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. FANS TO BE WIRED BY ELECTRICAL CONTRACTOR.
13. ALL EXTERIOR LIGHTING TO BE WIRED THROUGH A LIGHTING CONTACTOR AND CONTROLLED BY A PHOTOCELL AND TIMECLOCK.
14. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CONDUIT AND EQUIPMENT WITH ALL OTHER TRADES PRIOR TO BEGINNING INSTALLATION TO AVOID CONFLICTS AND INTERFERENCE WITH OTHER TRADES.
15. FINAL UTILITY CONNECTIONS (GAS, ELECTRIC, WATER, ETC.) TO EQUIPMENT SHALL BE MADE BY THE CONTRACTOR INSTALLING THE EQUIPMENT REQUIRING THE UTILITIES.
16. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. THERE IS NO INTENT TO INDICATE ALL FITTINGS REQUIRED. GENERALLY, CONDUIT SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO AND PLUMB WITH WALL CONSTRUCTION.
17. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS OF WALL AND PARTITIONS AND FOR PARTITION THICKNESS AND CONSTRUCTION MATERIALS.
18. MECHANICAL CONTRACTOR HAS THE OPTION OF PROVIDING ON BOARD UNIT DISCONNECTS AND/OR RECEPTACLES WITH THE HVAC UNIT. ELECTRICAL CONTRACTOR TO COORDINATE ELECTRICAL POWER INTERFACE WITH GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR PRIOR TO FINAL PRICING.
19. ELECTRICAL POWER REQUIREMENTS FOR HVAC EQUIPMENT ARE BASED ON MANUFACTURER'S PUBLISHED DATA. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR AND/OR MECHANICAL CONTRACTOR TO CONFIRM ELECTRICAL REQUIREMENTS HAVE NOT CHANGED DUE TO EQUIPMENT SUBSTITUTIONS OR OTHER CHANGES PRIOR TO PROVIDING FINAL BID AND PRIOR TO PURCHASING PANELS, CIRCUIT WIRING AND CIRCUIT BREAKERS SERVING HVAC EQUIPMENT.
20. ALL CONCEALED INTERIOR WIRING TO BE NM CABLE. EXPOSED WIRING AND WIRING LOCATED ABOVE LAY-IN CEILING TO BE IN EMT OR MC CABLE.
21. ALL RECEPTACLES 18" A.F.F. TO BOTTOM OF BOX UNLESS OTHERWISE NOTED.
22. ALL NEW AND/OR ALTERED WIRING IS REQUIRED TO BE PERMITTED AND INSPECTED FOR COMPLIANCE WITH CURRENT NEC
23. ALL PRE-WIRED EQUIPMENT SHALL BE LISTED BY STATE OF NC APPROVED 3RD PARTY AGENCY, [NEC 90.7; 110.3(B)].
24. ALL WIRING, INCLUDING LOW VOLTAGE, DATA, PHONE, FIRE ALARM, SECURITY, HVAC CONTROLS, AND POWER SHALL BE PERMITTED AND INSPECTED PER NC GENERAL STATUTES.
25. CLEARANCE REQUIRED AT ELECTRICAL EQUIPMENT, (NEC 110.26).
26. SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. THE FIELD MARKING(S) SHALL INCLUDE THE DATE THE FAULT CURRENT CALCULATION WAS PERFORMED AND BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED. NEC 110.24(A)
27. ALL ELECTRICAL TO BE INSTALLED IN ACCORDANCE WITH NEC 2017.
28. LIGHTING, RECEPTACLES, CONDUIT SEALS, AND WIRING METHODS SHALL COMPLY WITH SECTION 511 FOR CLASS 1, DIVISION 2 OF THE NATIONAL ELECTRIC CODE IN THE SERVICE PIT.

FEEDER TABLE

OVERCURRENT PROTECTION	TYPE			
	COPPER (CU.)		ALUMINUM (AL.)	
	WIRE*	CONDUIT*	WIRE*	CONDUIT*
20	#14	1/2"	#12	1/2"
25	#12	1/2"	#10	1/2"
30	#10	1/2"	#10	1/2"
35	#10	1/2"	#8	3/4"
40	#8	3/4"	#8	3/4"
45	#8	3/4"	#6	1"
50	#8	3/4"	#6	1"
55	#6	1"	#4	1-1/4"
60	#6	1"	#4	1-1/4"
70	#4	1-1/4"	#3	1-1/4"
80	#4	1-1/4"	#2	1-1/4"
90	#3	1-1/4"	#2	1-1/4"
100	#3	1-1/4"	#1	1-1/2"
110	#2	1-1/4"	#1/0	2"
125	#1	1-1/2"	#2/0	2"
150	#1/0	2"	#3/0	2"
175	#2/0	2"	#4/0	2-1/2"
200	#3/0	2"	#250	2-1/2"
225	#4/0	2"-1/2"	#300	2"-1/2"

*UNLESS OTHERWISE NOTED

COMcheck Software Version 4.1.5.3
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: Deaton Fleet Solutions
Project Type: New Construction

Construction Site: 553 Lentz Road, Statesville, NC 28625
Owner/Agent:
Designer/Contractor:

Additional Efficiency Package(s)
Credits: 1.0 Required 1.0 Proposed
Reduced Lighting Power, 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Service 117, Service 120, Service 121 (Automotive:Vehicular Maintenance Area)	10077	0.60	6046
2-Fork Lift Zone 115/Parts Stor. 116 (Common Space Types:Storage >=1000 sq.ft.)	1116	0.57	636
3-Office 109, Office 110, Office 111, Office 205 (Common Space Types:Office - Enclosed)	660	1.00	660
4-Lounge 107 (Common Space Types:Lounge/Breakroom)	206	0.66	136
5-Lobby 100 (Common Space Types:Lobby - General)	159	0.81	129
6-Customer Parts Center 102, Customer Service 103 (Retail:Sales Area)	676	1.43	967
7-Stair 101/200, Stair 114 (Common Space Types:Stairwell)	456	0.62	283
8-Hall 105, Side Entry 112, Hall 202 (Common Space Types:Corridor/Transition <8 ft wide)	601	0.59	355
9-Unisex 106, Unisex 118, Unisex 119, Unisex 207 (Common Space Types:Restrooms)	256	0.88	225
10-IT Room 113, Mechanical 208 (Common Space Types:Electrical/Mechanical)	398	0.85	337
11-Parts Storage 201 (Common Space Types:Storage >=50 - <=1000 sq.ft.)	749	0.57	427
12-Open Office 203 (Common Space Types:Office - Open Plan)	607	0.88	448
13-File/Copy Rm. 104, File/Copy Rm. 204 (Common Space Types:Copy/Print Room)	255	0.65	166
14-Mop, Stor. 206, Stor. 209 (Common Space Types:Storage <50 sq.ft.)	55	1.12	62
		Total Allowed Watts =	10873

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Service 117, Service 120, Service 121 (Automotive:Vehicular Maintenance Area) Fixture E: LED Panel 44W	1	49	127	6223
2-Fork Lift Zone 115/Parts Stor. 116 (Common Space Types:Storage >=1000 sq.ft.) Fixture C: LED Linear 33W	1	12	44	528
3-Office 109, Office 110, Office 111, Office 205 (Common Space Types:Office - Enclosed) Fixture A: LED Panel 44W	1	10	45	450
4-Lounge 107 (Common Space Types:Lounge/Breakroom) Fixture A: LED Panel 44W	1	4	45	180
5-Lobby 100 (Common Space Types:Lobby - General) Fixture A: LED Panel 44W	1	3	45	135
6-Customer Parts Center 102, Customer Service 103 (Retail:Sales Area) Fixture A: LED Panel 44W	1	11	45	495
7-Stair 101/200, Stair 114 (Common Space Types:Stairwell) Fixture A: LED Panel 44W Fixture B: LED Panel 33W Fixture C: LED Linear 33W	1 1 1	5 2 1	44 33 44	220 66 44
8-Hall 105, Side Entry 112, Hall 202 (Common Space Types:Corridor/Transition <8 ft wide) Fixture A: LED Panel 44W	1	14	45	630
9-Unisex 106, Unisex 118, Unisex 119, Unisex 207 (Common Space Types:Restrooms) Fixture B: LED Panel 33W Fixture D1: LED PAR 13W	1 1	4 1	30 17	120 17
10-IT Room 113, Mechanical 208 (Common Space Types:Electrical/Mechanical) Fixture B: LED Panel 33W Fixture C: LED Linear 33W	1 1	2 6	30 44	60 264
11-Parts Storage 201 (Common Space Types:Storage >=50 - <=1000 sq.ft.) Fixture C: LED Linear 33W	1	12	44	528
12-Open Office 203 (Common Space Types:Office - Open Plan) Fixture A: LED Panel 44W Fixture D: LED PAR 13W	1 1	8 8	45 17	360 162
13-File/Copy Rm. 104, File/Copy Rm. 204 (Common Space Types:Copy/Print Room) Fixture A: LED Panel 44W	1	4	45	180
14-Mop, Stor. 206, Stor. 209 (Common Space Types:Storage <50 sq.ft.) Fixture B: LED Panel 33W Fixture D: LED PAR 13W	1 1	1 2	30 17	30 34
			Total Proposed Watts =	10560

Interior Lighting PASSES: Design 2% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

PANELBOARD SCHEDULE

PANEL: MDP | MAIN: M.O | VOLTS: 208Y/120 | AMPS: 400 | PHASE: 3 | MOUNT: SURFACE | AIC: NOTE 1 | LOC: ___ 115

CIR.	AMPS/ POLES	DESCRIPTION OF LOAD	LOAD VA	LOAD BY PHASE, VA A	B	C	LOAD VA	DESCRIPTION OF LOAD	AMPS/ POLES	CIR.
1	125/3	PANEL A	8,246	20,079			11,833	PANEL B	125/3	2
3			8,161		21,255		13,094			4
5			9,362			21,112	11,750			6
7	50/2	WELDER (SERVICE 120)	4,160	8,320			4,160	WELDER (SERVICE 120)	50/2	8
9			4,160		8,320		4,160			10
11	50/2	WELDER (SERVICE 117)	4,160			8,320	4,160	WELDER (SERVICE 117)	50/2	12
13			4,160	8,320			4,160			14
15	35/2	CONDENSING UNIT (CU-1)	2,288		5,200		2,912	CONDENSING UNIT (CU-2)	45/2	16
17			2,288			5,200	2,912			18
19	15/1	GAS FURNACE (GF-1)	1,200	2,808			1,548	GAS FURNACE (GF-2)	20/1	20
21					3,000		3,000	WATER HTR. (EWH-1) (LO)	40/2	22
23						3,000	3,000			24
25				0						26
27					0					28
29						0				30
31				0						32
33					0					34
35				0						36
37						0				38
39					0					40
41						0				42
		TOTAL AMPERES PER PHASE		39,527	37,775	37,832				
				329	315	314				

(LO) - DENOTES BREAKER LOCK-OUT

PANEL MDP - LOAD CALCULATION SUMMARY

ITEM	TOTAL VA	(X) D.F.	VA
LIGHTING	12,021	125 (%)	15,026
EXTERIOR LIGHTING	1,676	125 (%)	2,095
RECEPTS. (FIRST 10 KVA)	10,000	100 (%)	10,000
RECEPTS. (REMAINING KVA @50%)	8,400	50 (%)	4,200
HVAC	22,497	100 (%)	22,497
SHOW WINDOWS	0	125 (%)	0
WATER HEATER	6,000	125 (%)	7,500
SIGN	0	125 (%)	0
MOTORS	0	125 (%)	0
EQUIPMENT	54,340	100 (%)	54,340
KITCHEN EQUIPMENT	0	70 (%)	0
TOTAL	114,934		115,658
	TOTAL AMPS = VA/(208 x √3) =		321

NOTES:
* RECEPTACLES ARE CALCULATED PER NEC TABLE 220.44
* HVAC NAME PLATE RATING INCLUDES 125% DIVERSITY FACTOR

PANELBOARD SCHEDULE

PANEL: A | MAIN: M.O | VOLTS: 208Y/120 | AMPS: 125 | PHASE: 3 | MOUNT: SURFACE | AIC: NOTE 1 | LOC: 115

CIR.	AMPS/ POLES	DESCRIPTION OF LOAD	LOAD VA	LOAD BY PHASE, VA A	B	C	LOAD VA	DESCRIPTION OF LOAD	AMPS/ POLES	CIR.
1	20/1	LTS. - 100/102/115-6/118-9	1,269	2,709			1,440	REC. - 100/103	20/1	2
3	20/1	LTS. - 103-113	1,382		2,822		1,440	REC. - 102	20/1	4
5	20/1	LTS. - 101/200/201/203	1,245			2,685	1,440	REC. - 104/107	20/1	6
7	20/1	LTS. - 114/202/204-209	1,077	2,517			1,440	REC. - 109/110	20/1	8
9	20/1	EXT. LTS. - LEFT SIDE	759		2,199		1,440	REC. - 111/113	20/1	10
11	20/1	EXT. LTS. - RIGHT SIDE	917			2,537	1,620	REC. - 105/112/114-116	20/1	12
13	20/1	EWC-1	599	1,589			1,080	REC. - 201	20/1	14
15	20/1	VENDING	1,000		2,440		1,440	REC. - 203	20/1	16
17	20/1	VENDING	1,000			2,440	1,440	REC. - 204/205	20/1	18
19	20/1	EXTERIOR RECEPTICLE	180	1,440			1,260	REC. - 202/208	20/1	20
21	20/1	HOT BOX POWER (LO) (GFCI)	500		700		200	SPEAKER PWR. FOR -6 (L)	20/1	22
23	20/1	GRDE DOOR (FORK LIFT)	1,500			1,700	200	HIGH LVL ALARM S/O INT. (L)	20/1	24
25				0						26
27					0					28
29						0				30
31				0						32
33					0					34
35						0				36
37				0						38
39					0					40
41						0				42
		CONNECTED V.A PER PHASE	8,246	8,161	9,362					
		TOTAL AMPERES PER PHASE	69	68	78					

(LO) - DENOTES BREAKER LOCK-OUT
(GFCI) - GROUND FAULT CIRCUIT INTERRUPTER BREAKER
(L) - DENOTES LOCK-ON BREAKER

PANEL A - LOAD CALCULATION SUMMARY

ITEM	TOTAL VA	(X) D.F.	VA
LIGHTING	4,973	125 (%)	6,216
EXTERIOR LIGHTING	1,676	125 (%)	2,095
RECEPTS. (FIRST 10 KVA)	10,000	100 (%)	10,000
RECEPTS. (REMAINING KVA @50%)	4,620	50 (%)	2,310
HVAC	0	100 (%)	0
SHOW WINDOWS	0	125 (%)	0
WATER HEATER	0	125 (%)	0
SIGN	0	125 (%)	0
MOTORS	0	125 (%)	0
EQUIPMENT	4,500	100 (%)	4,500
KITCHEN EQUIPMENT	0	70 (%)	0
TOTAL	25,769		25,121
	TOTAL AMPS = VA/(208 x √3) =		70

NOTES:
* RECEPTACLES ARE CALCULATED PER NEC TABLE 220.44

PANELBOARD SCHEDULE

PANEL: B | MAIN: M.O | VOLTS: 208Y/120 | AMPS: 125 | PHASE: 3 | MOUNT: SURFACE | AIC: NOTE 1 | LOC: 115

CIR.	AMPS/ POLES	DESCRIPTION OF LOAD	LOAD VA	LOAD BY PHASE, VA A	B	C	LOAD VA	DESCRIPTION OF LOAD	AMPS/ POLES	CIR.
1	20/1	LTS. - SERVICE 121	934	1,854			730	REC. - SERVICE 121	20/1	2
3	20/1	LTS. - SERVICE 120	1,188		1,728		540	REC. - SERVICE 120 (PIT)	20/1	4
5	20/1	LTS. - SERVICE 120	1,589			3,009	1,440	REC. - SERVICE 120	20/1	6
7	20/1	LTS. - SERVICE 117	1,168	2,268			1,080	REC. - SERVICE 117	20/1	8
9	20/1	LTS. - SERVICE 117	1,589		3,225		1,656	GRIGE DOOR (SERVICE 121)	20/1	10
11	15/3	HVLS-1	841			2,497	1,656	GRIGE DOOR (SERVICE 121)	20/1	12
13			841	2,497			1,656	GRIGE DOOR (SERVICE 120)	20/1	14
15			841		2,497		1,656	GRIGE DOOR (SERVICE 120)	20/1	16
17	15/3	HVLS-2	841			2,497	1,656	GRIGE DOOR (SERVICE 120)	20/1	18
19			841	2,497			1,656	GRIGE DOOR (SERVICE 120)	20/1	20
21			841		2,497		1,656	GRIGE DOOR (SERVICE 117)	20/1	22
23	20/1	IGH-1 & 2	624			2,280	1,656	GRIGE DOOR (SERVICE 117)	20/1	24
25	20/1	IGH-3 & 4	624	2,280			1,656	GRIGE DOOR (SERVICE 117)	20/1	26
27	20/1	IGH-5 & 6	624		2,280		1,656	GRIGE DOOR (SERVICE 117)	20/1	28
29	20/1	LTS. - SERVICE 120 (PIT)	600			800	200	LOUVER FOR EF-2	20/1	30
31	20/1	EF-2	437	637			200	LOUVER FOR EF-3	20/1	32
33	20/1	EF-3	867		867		200	LOUVER FOR EF-4	20/1	34
35	20/1	EF-4	687			687				36
37				0						38
39					0					40
41						0				42
		CONNECTED V.A PER PHASE	11,833	13,094	11,750					
		TOTAL AMPERES PER PHASE	99	109	98					

PANEL B - LOAD CALCULATION SUMMARY

ITEM	TOTAL VA	(X) D.F.	VA
LIGHTING	7,048	125 (%)	8,810
EXTERIOR LIGHTING	0	125 (%)	0
RECEPTS. (FIRST 10 KVA)	3,780	100 (%)	3,780
RECEPTS. (REMAINING KVA @50%)	0	50 (%)	0
HVAC	9,289	100 (%)	9,289
SHOW WINDOWS	0	125 (%)	0
WATER HEATER	0	125 (%)	0
SIGN	0	125 (%)	0
MOTORS	0	125 (%)	0
EQUIPMENT	16,566	100 (%)	16,566
KITCHEN EQUIPMENT	0	70 (%)	0
TOTAL	36,677		38,439
	TOTAL AMPS = VA/(208 x √3) =		107

NOTES:
* RECEPTACLES ARE CALCULATED PER NEC TABLE 220.44
* HVAC NAME PLATE RATING INCLUDES 125% DIVERSITY FACTOR

REV #	DATE	BY	CHECKED	DESCRIPTION
1	3/23/22	MCD	JNK	REVISED ELECTRICAL SERVICE TO BE 400 AMPS. REFERENCE 3/15/2022 EMAIL FROM DOUG UHLER WITH TOP CONSTRUCTION. ADDED AREA OF REFUGE COMMUNICATION DEVICES IN RESPONSE TO 3/8/2022 IREDELL COUNTY PLAN REVIEW COMMENTS BY DANIEL POOLE. REMOVED RECIRCULATION PUMP. REFERENCE 3/22/22 EMAIL FROM DOUG UHLER WITH TOP CONSTRUCTION COMPANY.
2	4/7/22	JNK	SJB	ADDED POWER FOR SAND/OIL INTERCEPTOR HIGH LEVEL ALARM. REFERENCE 4/7/22 EMAIL FROM DOUG UHLER WITH TOP CONSTRUCTION COMPANY.

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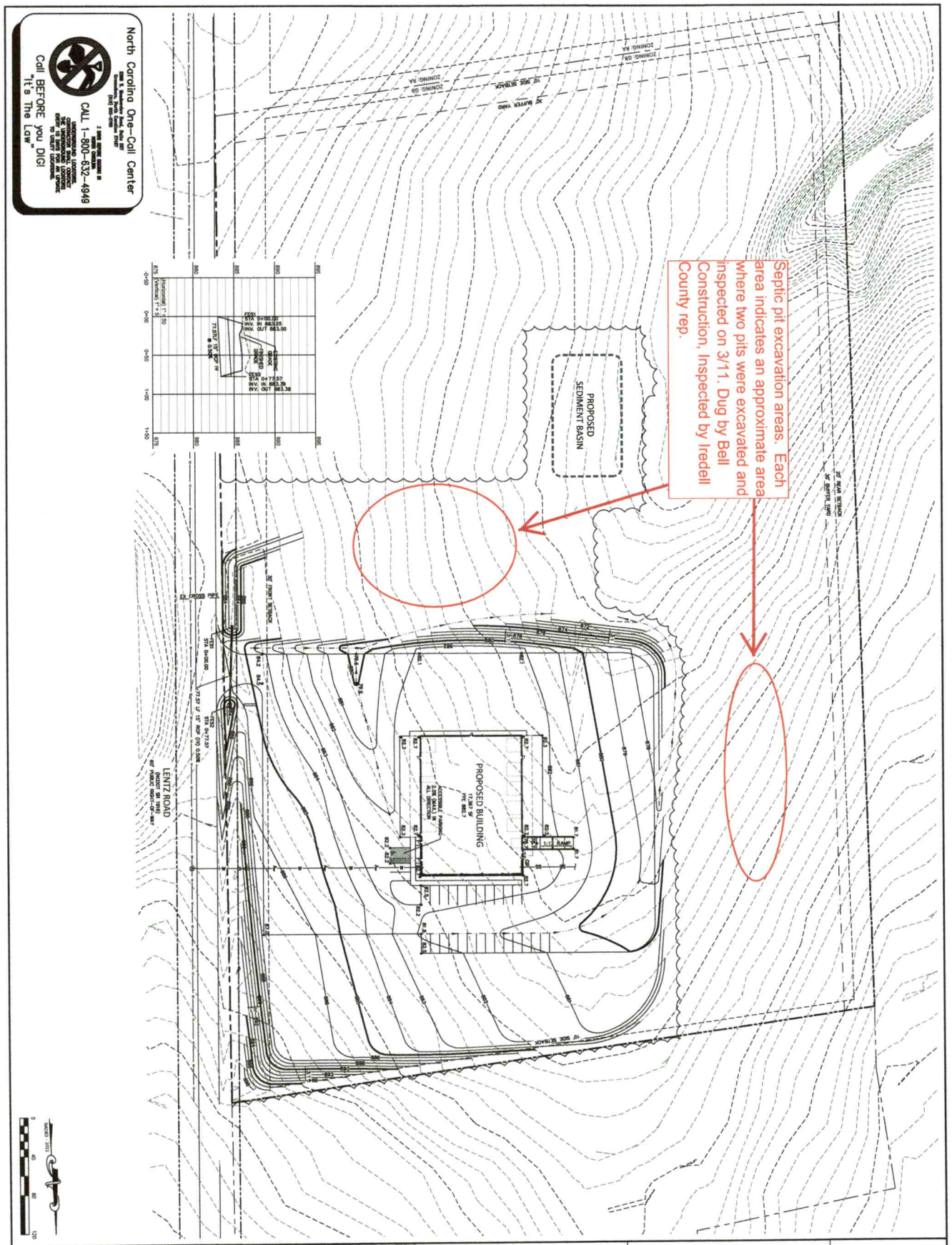
WILKINS DESIGN GROUP
ARCHITECTURE - DESIGN - PLANNING - LIGHTING
1048 SOUTH CHURCH STREET BURLINGTON, NC 27215
336-792-1329 - WWW.WILKINSDESIGNGROUP.COM

NEW CONSTRUCTION FOR:
DEATON FLEET SOLUTIONS
553 Lentz Road
Statesville, North Carolina 28625

DRAWING NAME: ELECTRICAL NOTES AND DETAILS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 050989 — 4/7/2022

DRAWN	NCL
CHECKED	TMS
DATE	2/4/22
SCALE	AS NOTED
JOB NO.	21094
SHEET	E-5



MAP REVISIONS:

NO.	DATE	DESCRIPTION	BY
2	10/20/21	REVISED PER OWNER'S REQUEST	BY

Sheet No: C301

(PROJECT # 20190622) DEATON FLEET SOLUTIONS

ENLARGED GRADING & DRAINAGE PLAN

LOCATION ADDRESS:
LENTZ ROAD
STATESVILLE, NC 28625

OWNER:
DEATON PROPERTIES, INC.
611 BUTTERMILK ROAD
CAVE SPRING, GA 30124

DRAWN BY: BY | CHECKED BY: BY
PIN NO: 474-992-3517
DEED REF: DB 2623, PG 2229
SCALE: 1" = 40'
DATE OF SURVEY: | DATE OF MAP:
IREDELL COUNTY, NORTH CAROLINA

JORDAN GRANT
ENGINEERING • SURVEYING • PLANNING
JORDAN GRANT & ASSOCIATES, PLLC
P.O. BOX 151 • STATESVILLE, NC 28687
Matt.Grant@jordan-grant.com (704) 928-7919
FIRM # P-1227

LICENSED
MATTHEW L. GRANT
SEAL
NORTH CAROLINA

CONNECTGIS WEB HOSTING

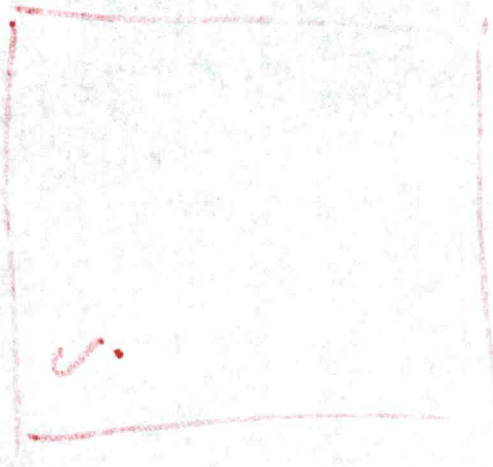
North Carolina Iredell County

1:120



Search

Excel 2000/2003 **Results**



Danielle Wieberg

From: Doug Uhler <doug@topconstructioncompany.com>
Sent: Monday, April 25, 2022 11:23 AM
To: Danielle Wieberg
Subject: RE: questions

Danielle:?? if that is the requirement for the AC, then we will make the arrangements to have both drain outside of the plumbing system.?? Do I need to revise the plumbing drawings or will this email suffice?
??
Thank you for your help!!
Doug
??
Douglas R. Uhler
??
TOP Construction Company, Inc./
Donald W. Perry Company
2404 W. Front Street
Burlington, NC?? 27215
(O) 336-585-1307, ext. 16
(C) 336-516-1384



??
??
??

From: Danielle Wieberg <danielle.wieberg@co.iredell.nc.us>
Sent: Monday, April 25, 2022 10:56 AM
To: Doug Uhler <doug@topconstructioncompany.com>
Subject: Re: questions
??
The only thing I need to verify is that the water heater & HVAC both drain outside, not into the plumbing.??
??
Danielle Wieberg
Environmental Health Specialist ??? OSWW
Iredell County Health Department??
610 E. Center Avenue
Mooresville , NC 28115
704-902-4482
??
Please tell us how we are doing:
Take Our Survey
??

From: Doug Uhler <doug@topconstructioncompany.com>
Sent: Monday, April 25, 2022 10:53:13 AM
To: Danielle Wieberg <danielle.wieberg@co.iredell.nc.us>
Subject: RE: questions
??
Just confirming the response below answered your questions.?? Please let me know if you need anything further.
??
Regards,
Doug
??
Douglas R. Uhler
??
TOP Construction Company, Inc./
Donald W. Perry Company
2404 W. Front Street
Burlington, NC?? 27215
(O) 336-585-1307, ext. 16
(C) 336-516-1384

TOP
Construction Company, Inc.
Building Solutions
a division of TOP Construction Company, Inc.

??
??
??

From: Doug Uhler <doug@topconstructioncompany.com>
Sent: Monday, April 25, 2022 9:39 AM
To: 'Danielle Wieberg' <danielle.wieberg@co.iredell.nc.us>
Subject: RE: questions
??
Good morning Danielle:?? there are two HD-1 on the second floor; one is for the water heater blow off and the other is for the HVAC condensation line.?? The 12??? diameter PVC is a chase pipe for process lines from overhead to connect to the service pit.?? It is not tied to any drain system.
??
Thank you,
Doug
??
Douglas R. Uhler
??
TOP Construction Company, Inc./
Donald W. Perry Company
2404 W. Front Street
Burlington, NC?? 27215
(O) 336-585-1307, ext. 16
(C) 336-516-1384

TOP
Construction Company, Inc.
Building Solutions
a division of TOP Construction Company, Inc.

??
??
??

From: Danielle Wieberg <danielle.wieberg@co.iredell.nc.us>
Sent: Monday, April 25, 2022 9:09 AM
To: Doug Uhler <doug@topconstructioncompany.com>
Subject: questions
??
Doug ???
Can you clarify a couple things from the plumbing schematics??? What is the hub drain for on the second floor and where does it empty??? Also, what is the 12??? PVC stub out to A.F.F. on the main floor???
??
I have the permit nearly done, but I do need to make sure that the hub drain is not collecting anything that is drained to the septic when it shouldn???t be.?? If it is for HVAC then it should be drained outside.??
??
Thanks!
??
Danielle Wieberg
Environmental Health Specialist ??? OSWW
Iredell County Health Department
610 E. Center Avenue
Mooresville , NC 28115
704-902-4482
??
Please tell us how we are doing:
Take Our Survey
??

Public Health
Prevent. Promote. Protect.
Iredell County Health Department ??????????????

IREDELL
COUNTY, NC

Pursuant to North Carolina General Statues Chapter 132, Public Records, this electronic mail message and any attachments hereto, as well as any electronic mail messages that may be sent in response to it??may be considered public record and as such are subject to request and review by anyone at any time.?? Also, the information contained in this message may be privileged and confidential.?? We will withhold confidential correspondences that are tagged as ???Confidential??? from public record requests.?? If this e-mail contains protected health information or personal identifying information, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited, except as permitted by law.?? If you have received this communication in error, please notify the sender immediately by replying to this message and deleting it from your computer.?? Thank You
??
??

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless

RECEIVED NOV 2 3 2021

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* AP-320452 $500.00

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit (X) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: (X) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: DEATON PROPERTIES, INC. Address: 611 BUTTERMILK RD. CAVE SPRING, GA Zip: 30124
Applicant Email: cd@deatontruckservice.com Phone: 706-252-1556 Alt. Phone: 706-314-9440
Owner Name: DEATON PROPERTIES, INC. Address: - SAME - Zip: _____
Owner Email: - SAME - Phone: - SAME - Alt. Phone: _____

Property Information: PIN # 474-92 3517, ZONING PERMIT # 320452

Street Address: 553 LENTZ ROAD

Subdivision Name: _____ Section/Phase: _____ Lot Number: _____

Driving Directions: _____

Site Development Information: *(check or complete ALL that apply*

CHECK FOUNDATION TYPE

( ) New Single Family Residence — Maximum Number of Bedrooms: _____ — ( ) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: _____ — (X) Concrete Slab Foundation
( ) Accessory Building — ( ) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: _____ — ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____
Non-Residential Site Development: Type of Business: TRUCK MAINTENANCE FACILITY
(*) Square Footage of Building: 14,500 (*) Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: N/A

Water Supply: ( ) Replacement Well – Reason: _____
( ) Multi-connection Well Number of Houses: _____ Number of Persons: _____

( ) New Well ( ) Existing Well ( ) Community Well (X) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: _____
( ) No Preference ( ) Alternative (X) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: _____

(*) **Please answer the following to the best of your ability:**
( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: _____ 11/19/21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☐ **1. * APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) _____

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship*

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

☐ **2.** I, Coy L DEATON, am the legal owner(s) of the property located at 553 Lentz Road, identified as PIN (Parcel Identification Number) _____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Douglas R. Uhler, TOP Construction Company, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

_____ 4-27-22

Signature of Owner(s) Date

Mooresville - Environmental Health
barbara.nebel@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

Public Health

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

✓ **1. * APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) _____

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship* In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:
Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.
By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

2. I, _____, am the legal owner(s) of the property located at _____, identified as PIN (Parcel Identification Number)_____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) _____, _____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
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I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

_____ 11/21/21
Signature of Owner(s) Date

Mooresville - Environmental Health
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

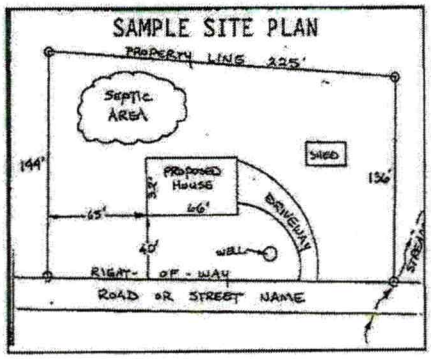
Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!*



Place an (X) beside each item as you complete the site plan:

- ( ) Property Line measurements are clearly identified
- ( ) All proposed structures are indicated
- ( ) Front and side setbacks from property line
- ( ) Preferred driveway location and well location
- ( ) Area you prefer your septic system to be placed
- ( ) North arrow, or other sufficient indicator of direction

Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	N/A
Location of easements and rights of ways on your property	N/A
Location of any designated wetlands on the property	N/A

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

SEE ATTACHED PDF SHOWING VICINITY MAP & SITE PLAN

Signature: _____

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

11/19/21

DATE

DEATON FLEET SOLUTIONS

LENTZ ROAD

STATESVILLE, NC 28625

OWNER

DEATON PROPERTIES INC
611 BUTTERMILK ROAD
CAVE SPRING, GA 30124
(706)314-9440

SITE DATA

PIN: 474-992-3517
DB 2623, PG 2229
STATESVILLE, NC 28625
25.15 AC

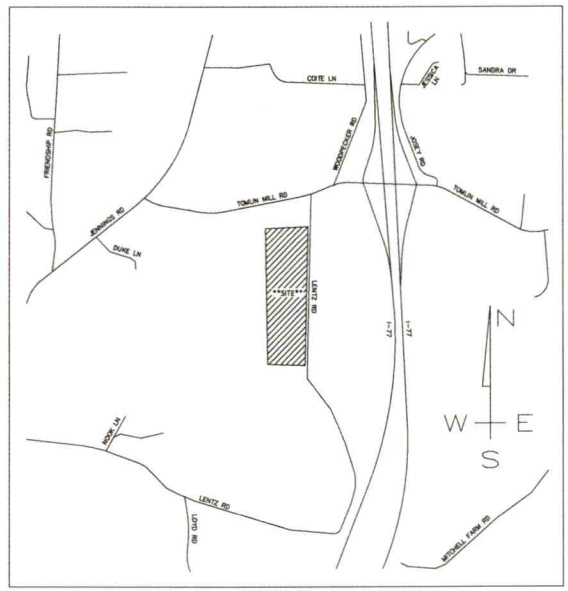
DEVELOPER

DEATON PROPERTIES, INC.
611 BUTTERMILK ROAD
CAVE SPRING, GA 30124
(706)314-9440

SHEET INDEX

PAGE #	DESCRIPTION
C000	COVER COVER
C001	EXISTING CONDITIONS
C200	OVERALL SITE PLAN
C201	ENLARGED SITE PLAN
C300	OVERALL GRADING & DRAINAGE PLAN
C301	ENLARGED GRADING & DRAINAGE PLAN
C501	EROSION CONTROL PLAN – PHASE I
C502	EROSION CONTROL PLAN – PHASE II
C503	EROSION CONTROL PLAN DETAILS
C504	EROSION CONTROL PLAN DETAILS

VICINITY MAP



NOT TO SCALE

REVISION BLOCK

NO.	DATE	DESCRIPTION	BY
2	10/20/21	REVISED PER OWNER'S REQUEST	BY
1	08/11/21	REVISED PER COMMENTS	BY

NORTH CAROLINA PROFESSIONAL SEAL 33292 ENGINEER MATTHEW I. GRANT

11/16/2021

JORDAN GRANT
ENGINEERING • SURVEYING • PLANNING
JORDAN GRANT & ASSOCIATES, PLLC
P.O. BOX 151 * STATESVILLE, NC 28687
Matt.Grant@jordan-grant.com (704) 928-7919
FIRM # P-1227

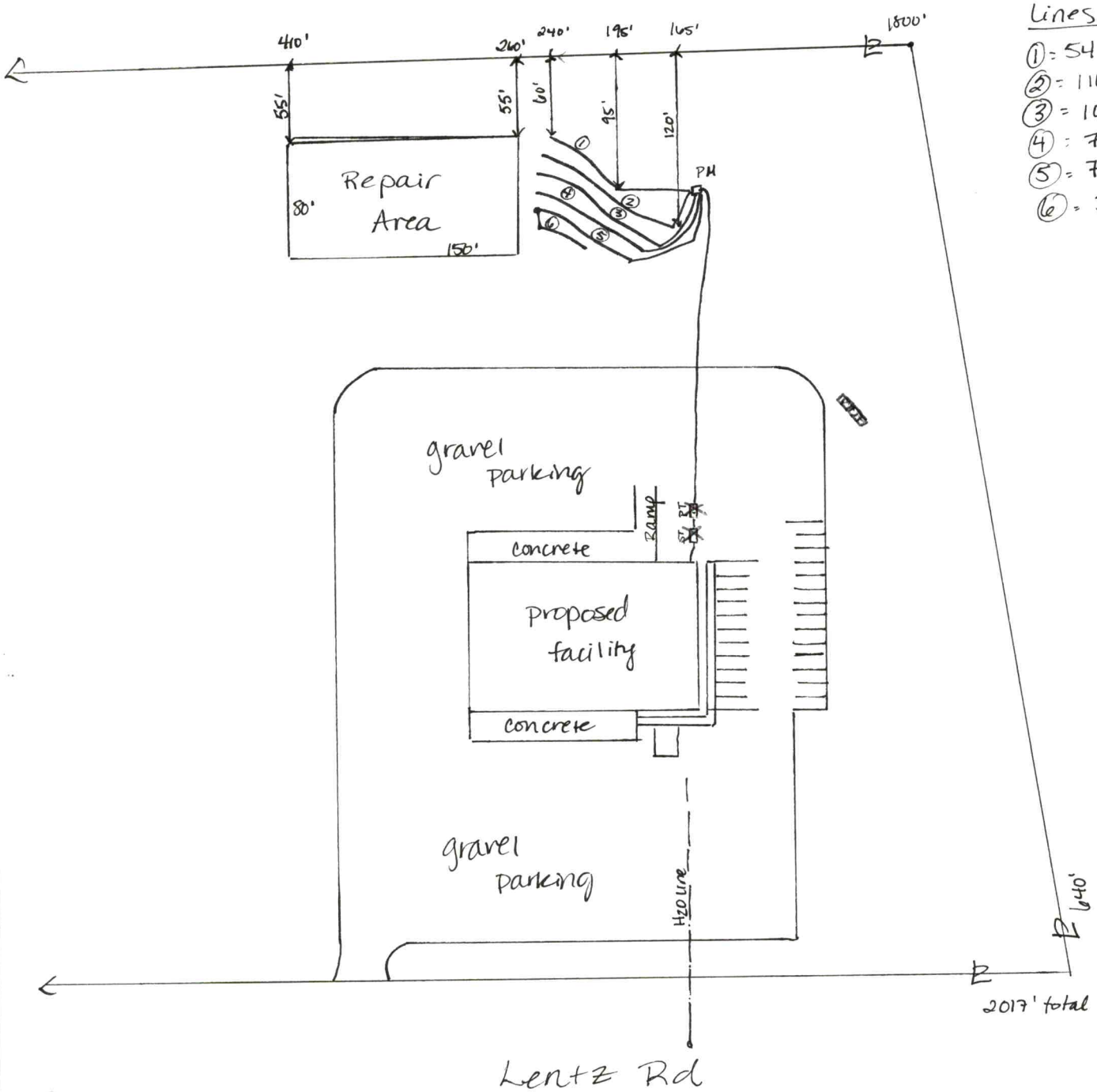
1"=100'

553 Lentz Rd.
Statesville NC

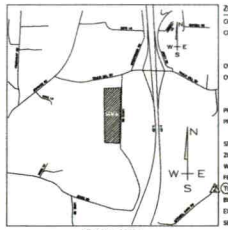
→ 10 employees
→ 1 public restroom / 1 toilet

ST: septic tank
PT: pump tank
PM: pressure manifold

Lines	Taps
① = 54'	1/2" SCH 80
② = 110'	3/4" SCH 80
③ = 102'	3/4" SCH 80
④ = 78'	1/2 SCH 40
⑤ = 74'	} use one tap, connect ↓ 3/4" SCH 80
⑥ = 38"	



approved 4/25/22
DW



ZONING CODE SUMMARY

CONSULTANT NAME: JORDAN GRANT & ASSOCIATES
CONSULTANT PHONE: (704)928-7919
CONSULTANT ADDRESS: 2351 SMONTON ROAD STATESVILLE, NC 28625
CONSULTANT EMAIL: matt.grant@jordan-grant.com

OWNER NAME: DEATON PROPERTIES, INC.
OWNER PHONE: (706)314-9440
OWNER ADDRESS: 611 BUTTERMILK ROAD CAVE SPRING, GA 30124
OWNER EMAIL: rumdemore@deatontruckservice.com

PROJECT NAME: DEATON FLEET SOLUTIONS
PARCEL ID: 4749-93-3517
PROJECT ADDRESS: LENTZ ROAD STATESVILLE, NC 28625
PROPOSED BUSINESS NAME: DEATON FLEET SOLUTIONS

SITE AREA: 25.15 ac
JURISDICTION: IREDELL COUNTY
ZONING: GB & RA
PROPOSED USE: TRUCK SERVICE FACILITY
WATERSHED: NOT IN WATERSHED
OVERLAY: N/A
FEMA PANEL: 4749
DATE: 03/18/2008
TOTAL DISTURBED AREA: 8.50
PROPOSED COMPLETION DATE: NOVEMBER 2022
BUILDING: 1
GROSS FLOOR: 17,367 sf
HEIGHT: 23'-4"
EXISTING IMPERVIOUS: 0 sf
PROPOSED IMPERVIOUS: 115,470 sf
TOTAL IMPERVIOUS: 115,470 sf

SETBACK (GA/RA)
FRONT: 30/35 ft
SIDE: 10/15 ft
REAR: 20/35 ft

BUFFERYARD
FRONT: N/A ft
SIDE: 30 ft
REAR: 30 ft

PARKING:
AUTO
REQUIRED: 1 SPACES / EMPLOYEE MAX 3 SHIFT = 24 SPACES
PROVIDED: 29 SPACES (INCLUDING 1 VAN ACCESSIBLE PARKING)

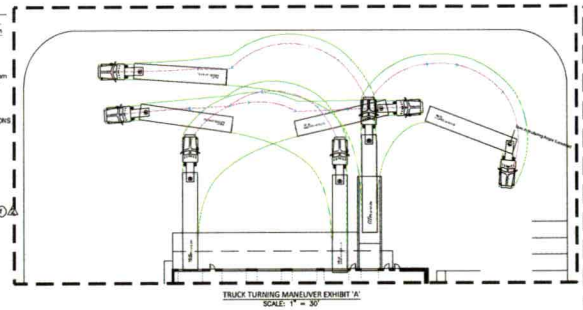
SITE LIGHTING:
NO SITE LIGHTING PROPOSED, WALL PACK LIGHTING FOR BUILDING.

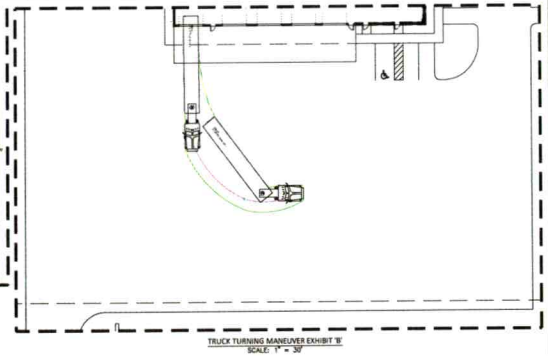
SITE SIGNAGE
PROPOSED SIGN AT ENTRANCE AND ON BUILDING.

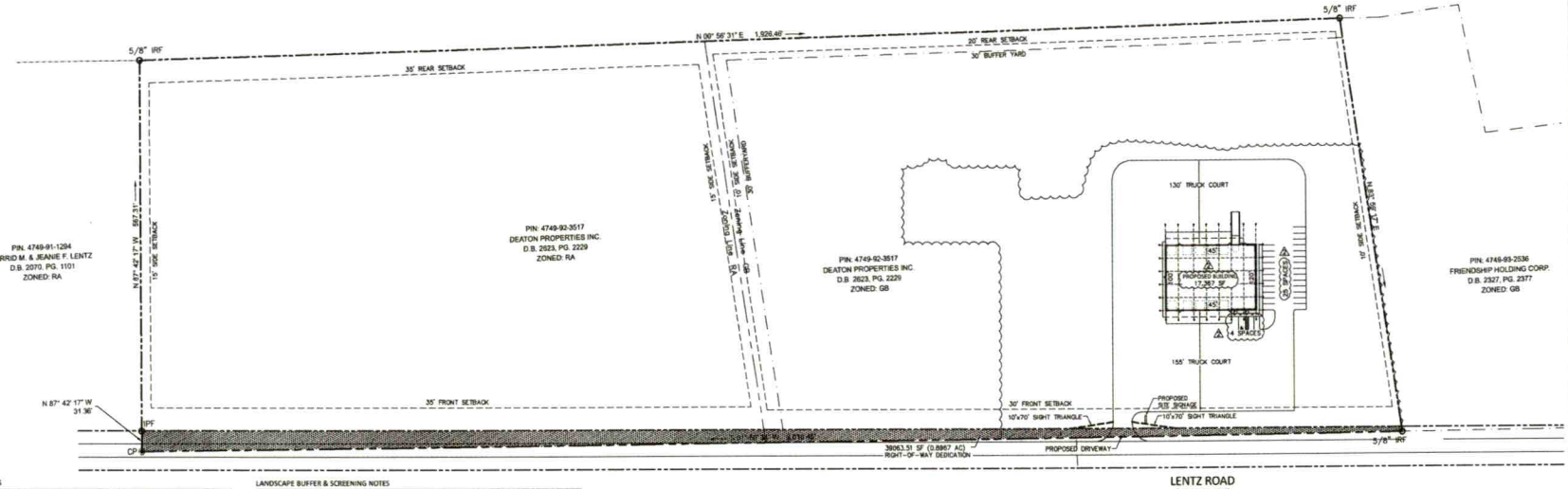
WASTE COLLECTION
NONE PROPOSED

EXISTING UTILITY CONNECTIONS & INFRASTRUCTURES
ON-SITE SEPTIC TANK: N/A
ON-SITE WELL: N/A
COMMUNITY WATER: N/A
COMMUNITY SEWER: N/A

PROPOSED UTILITY CONNECTIONS & INFRASTRUCTURES
ON-SITE SEPTIC TANK: YES (BY OTHERS)
ON-SITE WELL: N/A
COMMUNITY WATER: YES (IREDELL WATER)
COMMUNITY SEWER: N/A







NOTES

PROPERTY SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.

PROPERTY SUBJECT TO EASEMENTS AND RIGHTS OF WAY OF RECORD AND THOSE NOT OF RECORD, IF ANY EXIST.

AREA BY COORDINATE COMPUTATION.

PROPERTY MAY BE SUBJECT TO GOVERNMENTAL ORDINANCES, ZONING AND OTHER REGULATIONS CONCERNING THE DIVISION AND DEVELOPMENT OF REAL ESTATE.

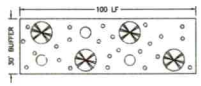
NO SUBTERRANEAN SURVEY PERFORMED AT THIS SITE.

SUBJECT PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD AREA AS DETERMINED BY FEMA PANEL 4749, FLOOD MAP 3710474900J, EFFECTIVE DATE MARCH 18, 2008.

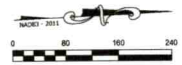
North Carolina One-Call Center
3300 W. Headquarters Road, Suite 227
Greensboro, North Carolina 27407
(919) 850-5780
2 DAYS BEFORE DIGGING IN NORTH CAROLINA
CALL 1-800-632-4949
UNDERGROUND LOCATORS, CONTRACTOR SHALL CONTACT THE UNDERGROUND LOCATORS EVERY 10 DAYS FOR AN UPDATE TO UTILITY LOCATIONS.
Call BEFORE you DIG!
"It's The Law"

LANDSCAPE BUFFER & SCREENING NOTES

1. BUFFER LANDSCAPING REQUIREMENTS (IREDELL COUNTY LAND DEVELOPMENT CODE, SECTION 5.2)
   a. 30' VEGETATIVE BUFFER SHALL BE PROVIDED ALONG PROPERTY LINES THAT ABUT RESIDENTIAL USES.
   b. THE PLANTING RATE(S) PER 100 LF OF BUFFER YARD SHALL BE:
      (4) CANOPY TREES
      (3) UNDERSTORY TREES
      (24) SHURBS



2. PARKING LOT LANDSCAPING REQUIREMENTS (IREDELL COUNTY LAND DEVELOPMENT CODE, SECTION 5.3)
   c. CANOPY TREES SHALL BE PROVIDED AT A RATE OF ONE CANOPY TREE FOR EACH TWELVE SPACES.
   d. CANOPY TREES SHALL NOT BE LOCATED MORE THAN 10' FORM THE VEHICULAR USE AREA.
3. LANDSCAPE ROADWAY YARD REQUIREMENTS (IREDELL COUNTY LAND DEVELOPMENT CODE, SECTION 5.4)
   e. A LANDSCAPE ROADWAY YARD SHALL BE PROVIDED BY EACH USE LOCATED ON A MINOR THOROUGHFARE OR HIGHER CLASSIFIED ROAD.
   f. THE MINIMUM WIDTH OF THE ROADWAY YARD SHALL BE 15' MEASURED FROM AND PARALLEL TO THE PUBLIC RIGHT-OF-WAY OR FUTURE RIGHT-OF-WAY.
   g. THE PLANTING RATE(S) PER 50 LF OF LANDSCAPE ROADWAY YARD SHALL BE:
      (1) TREE
      (10) SHRUBS



NORTH CAROLINA PROFESSIONAL SEAL 33292 ENGINEER MATTHEW T. GRANT
11/16/2021

JORDAN GRANT
ENGINEERING • SURVEYING • PLANNING
JORDAN GRANT & ASSOCIATES, PLLC
P.O. BOX 151 • STATESVILLE, NC 28687
Matt.Grant@jordan-grant.com (704) 928-7919
FIRM # P-1227

OVERALL SITE PLAN

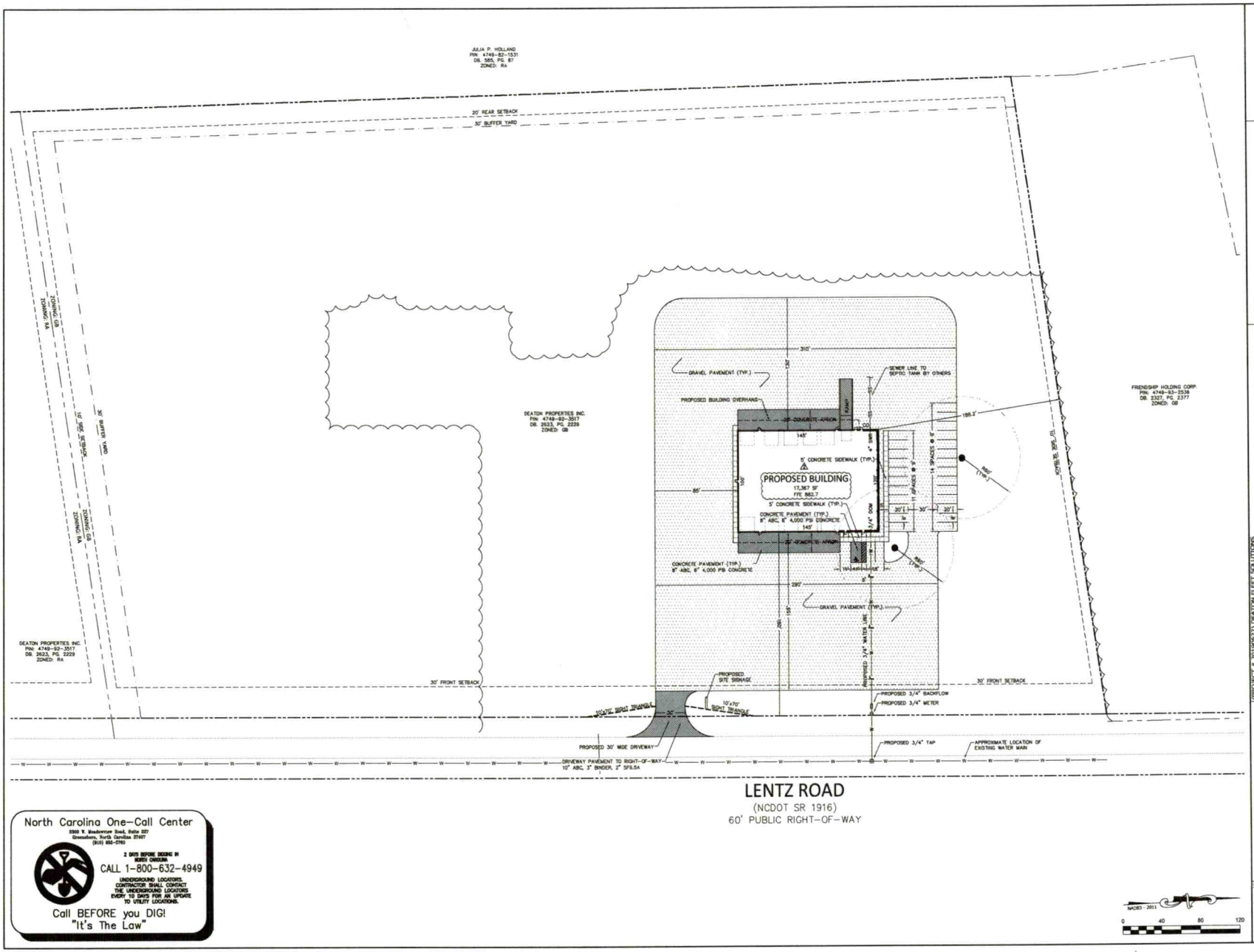
(PROJECT # 20190622) DEATON FLEET SOLUTIONS

LOCATION ADDRESS: LENTZ ROAD STATESVILLE, NC 28625
OWNER: DEATON PROPERTIES, INC. 611 BUTTERMILK ROAD CAVE SPRING, GA 30124
DRAWN BY: BY | CHECKED BY: BY
PIN NO: 474-992-3517
DEED REF: DB 2623, PG 2229
SCALE: 1" = 80'
DATE OF SURVEY: | DATE OF MAP:
IREDELL COUNTY, NORTH CAROLINA

MAP REVISIONS:

NO.	DATE	DESCRIPTION	BY
2	12/20/21	REVISED PER OWNER'S REQUEST	BY
1	08/11/21	REVISED PER COMMENTS	

Sheet No:
C200



LENTZ ROAD

(NCDOT SR 1916)

60' PUBLIC RIGHT-OF-WAY

North Carolina One-Call Center
2310 W. Meadowview Road, Suite 227
Greensboro, North Carolina 27407
(919) 854-0780

2 DAYS BEFORE DIGGING IN NORTH CAROLINA

CALL 1-800-632-4949

UNDERGROUND LOCATORS, CONTRACTOR SHALL CONTACT THE UNDERGROUND LOCATORS EVERY 10 DAYS FOR AN UPDATE TO UTILITY LOCATIONS.

Call BEFORE you DIG!
"It's The Law"

NADB3 - 2011

0 40 80 120

NORTH CAROLINA PROFESSIONAL SEAL 33292 ENGINEER MATTHEW I. GRANT

11/16/2021

JORDAN GRANT
ENGINEERING • SURVEYING • PLANNING
JORDAN GRANT & ASSOCIATES, PLLC
P.O. BOX 151 * STATESVILLE, NC 28687
Matt.Grant@jordan-grant.com (704) 928-7919
FIRM # P-1227

(PROJECT # 20190222) DEATON FLEET SOLUTIONS

ENLARGED SITE PLAN

LOCATION ADDRESS: LENTZ ROAD, STATESVILLE, NC 28625

DRAWN BY: BY | CHECKED BY: BY

PIN NO: 474-992-3517

DEED REF: DB 2623, PG 2229

SCALE: 1" = 30'

DATE OF SURVEY: | DATE OF MAP:

IREDELL COUNTY, NORTH CAROLINA

OWNER: DEATON PROPERTIES, INC., 611 BUTTERMILK ROAD, CAVE SPRING, GA. 30124

MAP REVISIONS:

NO.	DATE	DESCRIPTION	BY
2	10/22/21	REVISED PER OWNER'S REQUEST	BY

Sheet No:

C201

GENERAL NOTES AND REQUIREMENTS:

1. ALL CONSTRUCTION AND CONSTRUCTION PRACTICES SHALL BE IN ACCORDANCE WITH THE NORTH CAROLINA STATE BUILDING CODE ALONG WITH CITY, COUNTY AND STATE REGULATIONS.
2. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL DRAWINGS NOT CONTAINED HERE-IN, FOR THE PURPOSE OF OBTAINING PERMITS.
3. ATTENTION ALL USERS OF THESE DRAWINGS, GENERAL CONTRACTORS, SUB CONTRACTORS, MANUFACTURERS, SUPPLIERS: CAREFULLY AND THOROUGHLY REVIEW THESE GENERAL NOTES. IT IS YOUR RESPONSIBILITY TO KNOW AND ADHERE TO THESE REQUIREMENTS.
4. DO NOT PRESUME THAT YOUR SCOPE OF WORK IS SINGULARLY DEFINED. YOUR SCOPE OF WORK IS DEFINED THROUGHOUT THE ENTIRE SET OF DRAWINGS AND SPECIFICATIONS AND IS NOT CONTAINED IN JUST ONE SERIES OF DRAWINGS OR DIVISION OF SPECIFICATIONS. YOU MUST REVIEW THE ENTIRE SET OF CONTRACT DOCUMENTS TO DETERMINE YOUR SCOPE OF WORK.
5. EVERY EFFORT HAS BEEN MADE TO MAKE THESE DOCUMENTS CONCISE AND COORDINATED, TO DEFINE WORK IN THE MOST LOGICAL PLACE AND TO ELIMINATE REDUNDANCY. KEEP IN MIND HOWEVER THAT YOUR SCOPE OF WORK CAN BE CONTAINED IN VARIOUS PLACES, WITH VARYING DESCRIPTIONS. DO NOT CONSIDER THAT THERE IS ONE CUSTOMARY PLACE TO LOCATE YOUR WORK. THERE IS A DANGER OF OMITTING WORK FROM YOUR SCOPE BECAUSE THE ENTIRE SET OF DOCUMENTS WAS NOT REVIEWED.
6. MECHANICAL AND ELECTRICAL DRAWINGS SHOW INFORMATION IN A DIAGRAMMATIC FASHION WITHOUT DIMENSIONING. THE GENERAL CONTRACTOR IS TO COORDINATE THE LOCATIONS OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT WITH RESPECT TO THE ARCHITECTURAL AND STRUCTURAL DETAILING OF SHAFTS, CHASES, AND SUCH.
7. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH SITE CONDITIONS AS THEY MAY AFFECT CARRYING OUT THE WORK AS DESCRIBED IN THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT, AND NOTIFY THE ARCHITECT OF ANY CONDITIONS THAT REQUIRE MODIFICATION BEFORE PROCEEDING WITH THE WORK.
8. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, LABOR, AND SERVICES NECESSARY TO COMPLETE THE WORK AND PROVIDE A FUNCTIONAL PROJECT.
9. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL MATERIALS, FINISHES, AND/OR EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND/OR RECOMMENDATIONS.
10. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SAFETY. ALL PERSONS DIRECTLY OR INDIRECTLY ASSOCIATED WITH THE PROJECT SHALL BE FAMILIAR AND COMPLY WITH ALL LOCAL, STATE AND FEDERAL SAFETY RULES AND REGULATIONS AS THEY APPLY TO THIS PROJECT.
11. GENERAL CONTRACTOR SHALL PROVIDE FIRE EXTINGUISHERS DURING CONSTRUCTION PER LOCAL FIRE MARSHAL REQUIREMENTS.
12. CONTRACTOR SHALL SUBMIT CONFIRMATION OF ORDERED MATERIALS OR ITEMS NECESSARY TO COMPLETE THE PROJECT WITH PROJECTED DELIVERY DATE GREATER THAN FOUR WEEKS.
13. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL TRADES AND THE PREVENTION OF CONFLICT BETWEEN ALL TRADES. ARCHITECT IS NOT RESPONSIBLE FOR FIELD DISCREPANCIES.
14. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITY LINES. REPAIR ALL DAMAGE TO UTILITY LINES CAUSED BY CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
15. WHERE IT IS STATED "GC TO COORDINATE WITH (INCLUDING BUT NOT LIMITED TO OWNER, ENGINEER, MANUFACTURER)", ARCHITECT IS NOT RESPONSIBLE FOR DECISIONS OR COORDINATION.
16. IF ANY FIELD CHANGES ARE MADE DURING CONSTRUCTION AND THE ARCHITECT IS NOT INCLUDED WITH IN THE DISCUSSION, THE ARCHITECT IS NOT RESPONSIBLE FOR RESULTS.
17. ALL FINISHES ARE TO BE SELECTED BY OWNER UNLESS NOTED OTHERWISE. ALL COLORS TO BE CHOSEN FROM MANUFACTURER STANDARD COLOR SELECTION.
18. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL SHOP DRAWINGS AND VERIFYING THAT THEY ARE CORRECT.

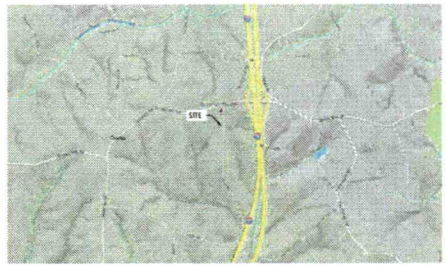
GENERAL NOTES DRAWINGS AND DIMENSIONS:

1. ANY INDICATION OF PROJECT LIMITS OR LINES OF DEMARCATION ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR, AND ARE NOT TO BE TAKEN LITERALLY. ACTUAL CONTRACT LIMITS ARE TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE OWNER BEFORE ACTUAL CONSTRUCTION WORK BEGINS.
2. DRAWINGS ARE PREPARED USING DIMENSIONS AND PRODUCT CONFIGURATIONS OR DETAILS OF SPECIFIC MANUFACTURERS. ALL MATERIALS/EQUIPMENT SPECIFIED WITHIN THESE CONSTRUCTION DOCUMENTS SHALL BE USED FOR CONSTRUCTION. DIMENSIONS AND DETAILS FOR SPECIFIC PRODUCTS MAY CHANGE BEFORE THEY ARE ACTUALLY INCORPORATED INTO THE WORK. PRODUCTS BY OTHER MANUFACTURERS MAY ALSO BE ACCEPTABLE. SUBSTITUTIONS OF SIMILAR OR EQUAL PRODUCTS MUST BE APPROVED BY THE OWNER AND ARCHITECT. ACTUAL INSTALLATION DETAILS AND DIMENSIONS MAY DIFFER FROM THOSE SHOWN. CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS FOR ALL PRODUCTS TO BE INCORPORATED IN THE WORK (INCLUDING PARTITION THICKNESSES FOR RECESSED OR SEMI-RECESSED PRODUCTS), AND IS RESPONSIBLE FOR ACCOMMODATING AND COORDINATING CHANGES TO OTHER MATERIALS OR PRODUCTS THAT ARE NECESSARY BECAUSE OF THESE DIFFERENCES.
3. THE DRAWINGS AND SPECIFICATIONS ARE SEPARATED INTO DISCIPLINES FOR THE CONVENIENCE OF THE ARCHITECT, ENGINEERS, AND THE CONTRACTORS. THE SEPARATIONS USED HEREIN ARE USED ONLY FOR THE PURPOSES OF CONVENIENCE AND REFERENCE AND IN NO WAY DO THEY DEFINE OR LIMIT THE SCOPE OR INTENT OF ANY PART OF THE DRAWINGS, OR OF THE DRAWINGS AND SPECIFICATIONS AS A WHOLE. THE FACT THAT THE DRAWINGS ARE SEPARATED IN NO WAY SUGGESTS THAT THE WORK IS NOT TO BE CONSTRUCTED AS A COMPLETE, INTEGRATED AND UNIFIED WHOLE.
4. THE DRAWINGS AND SPECIFICATIONS, INCLUDING DRAWINGS PREPARED BY SPECIFIC ENGINEERING DISCIPLINES (SUCH AS CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, ETC.) ARE COMPLEMENTARY. ITEMS SHOWN IN ANY ONE LOCATION IN THE DRAWINGS SHALL BE CONSIDERED TO BE REQUIREMENTS OF THE CONTRACT FOR CONSTRUCTION. IN THE EVENT OF AN INCONSISTENCY BETWEEN THE DRAWINGS AND SPECIFICATIONS, OR WITHIN EITHER DOCUMENT, THE CONTRACTOR SHALL SEEK CLARIFICATION OR INTERPRETATION FROM THE ARCHITECT.
5. THE GENERAL CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES INSTALLING THEIR RESPECTIVE EQUIPMENT IN THE CEILING AND/OR CEILING PLENUMS. ALL TRADES SHARE THIS SAME SPACE. EACH SUB CONTRACTOR IS TO REVIEW THE REQUIREMENTS OF THEIR WORK WITH THE AWARENESS OF THE OTHER TRADES THAT NEED TO SHARE THESE SPACES AND MUST NOT ASSUME THAT THEIR INSTALLATION HAS BEEN CONSIDERED IN THE DESIGN AND SHOP DRAWINGS OF THE OTHER TRADES.
6. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT IMMEDIATELY SHOULD ANY DISCREPANCIES, ERRORS, CONFLICTS, OR OMISSIONS ARE FOUND IN THE DRAWINGS AND SPECIFICATIONS. CLARIFICATION FROM THE ARCHITECT SHALL BE RECEIVED PRIOR TO CONTINUING WORK.
7. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL FIELD CONDITIONS AND DIMENSIONS AS THEY RELATE TO THIS PROJECT. SHOULD DISCREPANCIES EXIST BETWEEN THE WORK INDICATED AND ACTUAL FIELD CONDITIONS, NOTIFY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
8. DO NOT SCALE THE DRAWINGS. DRAWING SCALES AS INDICATED ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO ACCURATELY DEPICT ACTUAL OR DESIGNATED CONDITIONS. WRITTEN DIMENSIONS SHALL GOVERN. CONTACT THE ARCHITECT FOR ANY OMITTED OR UNCLEAR DIMENSIONS.
9. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL CEILING FIXTURES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR COMPLETE CONSTRUCTION REQUIREMENTS.
10. USE OF THE WORD "VERIFY" POINTS OUT A SITUATION WHICH MUST BE CONFIRMED PRIOR TO PROCEEDING WITH THE WORK, FABRICATION OF EQUIPMENT, OR ORDERING MATERIAL. NOTIFY THE ARCHITECT OF ANY DISCREPANCY.
11. THE TERM "ALIGN" REFERS TO LOCATING DIFFERENT COMPONENTS OF CONSTRUCTION TO PROVIDE A FLUSH FINISH SURFACE.
12. CONTRACTOR SHALL LAY OUT ALL PARTITIONS PER THE DIMENSIONS SHOWN ON THE PLAN. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION.
13. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION VARIATIONS FROM THE INFORMATION CONTAINED HERE-IN UNLESS REVIEWED AND APPROVED BY THE ARCHITECT.
14. ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS SHOW WHERE EXPOSED DUCTWORK IS TO BE INSTALLED AT A SPECIFIC ELEVATION IN A CONTROLLED PATTERN. THE CONTRACTOR MUST RELY ON ALL OF THESE DISCIPLINES TO COMPLETE THE WORK AND SHOULD NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.

GENERAL NOTES CONSTRUCTION:

1. TOP OF CONCRETE GROUND FLOOR SLAB IS ASSUMED AT EL. 100'-0". ELEVATION 100'-0" EQUATES TO USGS DATUM ELEVATION OF 882.78'.
2. ALL PARTITIONS SHALL BE OF SUFFICIENT WIDTH TO ADEQUATELY ENCLOSE PIPING, CONDUITS, AND RECESSED EQUIPMENT. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
3. PROVIDE 24" X 24" ACCESS PANELS IN PARTITIONS WHERE REQUIRED FOR MECHANICAL EQUIPMENT EXCEPT WHERE SIZES ARE OTHERWISE NOTED. COORDINATE EXACT LOCATION WITH THE ARCHITECT AND OWNER PRIOR TO START OF CONSTRUCTION.
4. PROVIDE BLOCKING WITHIN PARTITIONS AT ALL LOCATIONS WHERE ITEMS WILL BE MOUNTED ON PARTITIONS. ITEMS INCLUDE BUT ARE NOT LIMITED TO ADA ACCESSORIES, MECHANICAL EQUIPMENT, ACCESSORIES, ELECTRICAL EQUIPMENT, AND CASEWORK.
5. PROVIDE GYPSUM BOARD CONTROL JOINTS IN PARTITIONS AND CEILINGS AT 30'-0" SPACING. COORDINATE TO MEET FIRE RESISTIVE RATINGS OF THE ASSEMBLY. FIRESTOP JOINTS AT RATED PARTITIONS. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO START OF CONSTRUCTION.
6. WALL, CEILING, BASE, AND FLOOR FINISHES ARE TO BE PROVIDED IN EVERY ROOM UNLESS THE DRAWINGS SPECIFICALLY INDICATE THAT A ROOM OR PORTION THEREOF IS TO REMAIN "UNFINISHED." IF ROOM FINISHES ARE NOT SPECIFICALLY INDICATED, OBTAIN CLARIFICATION FROM THE ARCHITECT.
7. WHERE MECHANICAL WORK PENETRATES ANY COMPONENT OF THE FIRE-RATED ASSEMBLY, PROVIDE THE APPROPRIATE FIRE AND/OR SMOKE DAMPERS. IF IT IS NOT CLEAR WHETHER DUCTWORK PENETRATES A PORTION OF THE RATED ASSEMBLY, OBTAIN CLARIFICATION FROM THE ARCHITECT.
8. SEAL AROUND ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS. PROVIDE UL APPROVED FIRE STOP SYSTEM TO MEET REQUIRED RATING.
9. PROVIDE SEALANT AT ALL JOINTS OR CRACKS WHICH OCCUR WHERE DISSIMILAR MATERIALS INTERSECT PERPENDICULAR TO EACH OTHER, AND THE INTERSECTION IS EXPOSED TO VIEW, UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
10. PROVIDE CONTINUOUS PERIMETER BUILDING INSULATION AT ALL EXTERIOR WALLS.
11. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING EXHAUST FOR DRYERS, BATHROOMS, AND RANGES TO EXTERIOR WITH PROPER TERMINUS (NOT TO BE LOCATED ON STREET SIDE ELEVATIONS) VERIFY TERMINUS TYPE AND LOCATION WITH OWNER PRIOR TO INSTALLATION.
12. FIELD VERIFY ALL DIMENSIONS PRIOR TO CASEWORK FABRICATION AND/OR ORDERING. ARC-ITECT IS NOT RESPONSIBLE IF CASEWORK DOES NOT FIT.
13. THE ARCHITECTURAL AND STRUCTURAL DRAWINGS BOTH DESCRIBE VARIOUS FLOOR SLAB ELOPE REQUIREMENTS. RECESSES, AND EDGE CONDITIONS. USE BOTH SETS OF DRAWINGS WHEN INSTALLING THE FLOOR SLAB.

NEW CONSTRUCTION FOR: DEATON FLEET SOLUTIONS 553 LENTZ ROAD STATESVILLE, NC, 28625



VICINITY MAP

CONSTRUCTION DOCUMENTS REVIEW SET

11/16/2021

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ARCHITECTURAL DRAWING SYMBOLS:

- EXTERIOR ELEVATION REFERENCE
- INTERIOR ELEVATION REFERENCE
- INTERIOR ELEVATION REFERENCE
- BUILDING SECTION REFERENCE
- WALL SECTION REFERENCE
- ENLARGED DETAIL REFERENCE
- FINISHED FLOOR K'-X" — ELEVATION INDICATION
- C1 — FINISHED FLOOR / MATERIAL TAG
- F1 — FURNITURE TAG
- A — BATHROOM ACCESSORY TAG
- X'-X" MAT. — FINISHED CEILING MATERIAL AND FINISHED HEIGHT TAG

ABBREVIATIONS:

AFF: ABOVE FINISHED FLOOR
EQ: EQUAL
EXG: EXISTING
GC: GENERAL CONTRACTOR
NIC: NOT IN CONTRACT
OC: ON CENTER
OH: OPPOSITE HAND
PEMB: PRE-ENGINEERED METAL BUILDING
SIM: SIMILAR
TYP: TYPICAL

DRAWING INDEX

SHEET #	SHEET NAME
G001	COVER SHEET
G002	CODE SUMMARY
G003	GROUND FLOOR LIFE SAFETY PLAN
G004	SECOND FLOOR LIFE SAFETY PLAN
G010	UL DESIGN - U419, U905 WALL ASSEMBLIES
ARCHITECTURAL	
A100	GROUND FLOOR PLAN
A101	SECOND FLOOR PLAN
A102	ROOF PLAN
A120	GROUND FLOOR REFLECTED CEILING PLAN
A121	SECOND FLOOR REFLECTED CEILING PLAN
A190	ENLARGED FLOOR PLANS
A200	EXTERIOR ELEVATIONS
A400	INTERIOR ELEVATIONS
A401	INTERIOR ELEVATIONS
A500	INTERIOR WALL TYPES
A600	DOOR AND WINDOW SCHEDULES AND DETAILS
A601	ROOM FINISH SCHEDULE AND SPECIFICATIONS
STRUCTURAL	
S100	FOUNDATION PLAN
S101	SECOND FLOOR FRAMING PLAN AND DETAILS
S200	FOUNDATION DETAILS

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Project:
NEW CONSTRUCTION FOR:
DEATON FLEET SOLUTIONS

553 LENTZ ROAD
STATESVILLE, NC, 28625

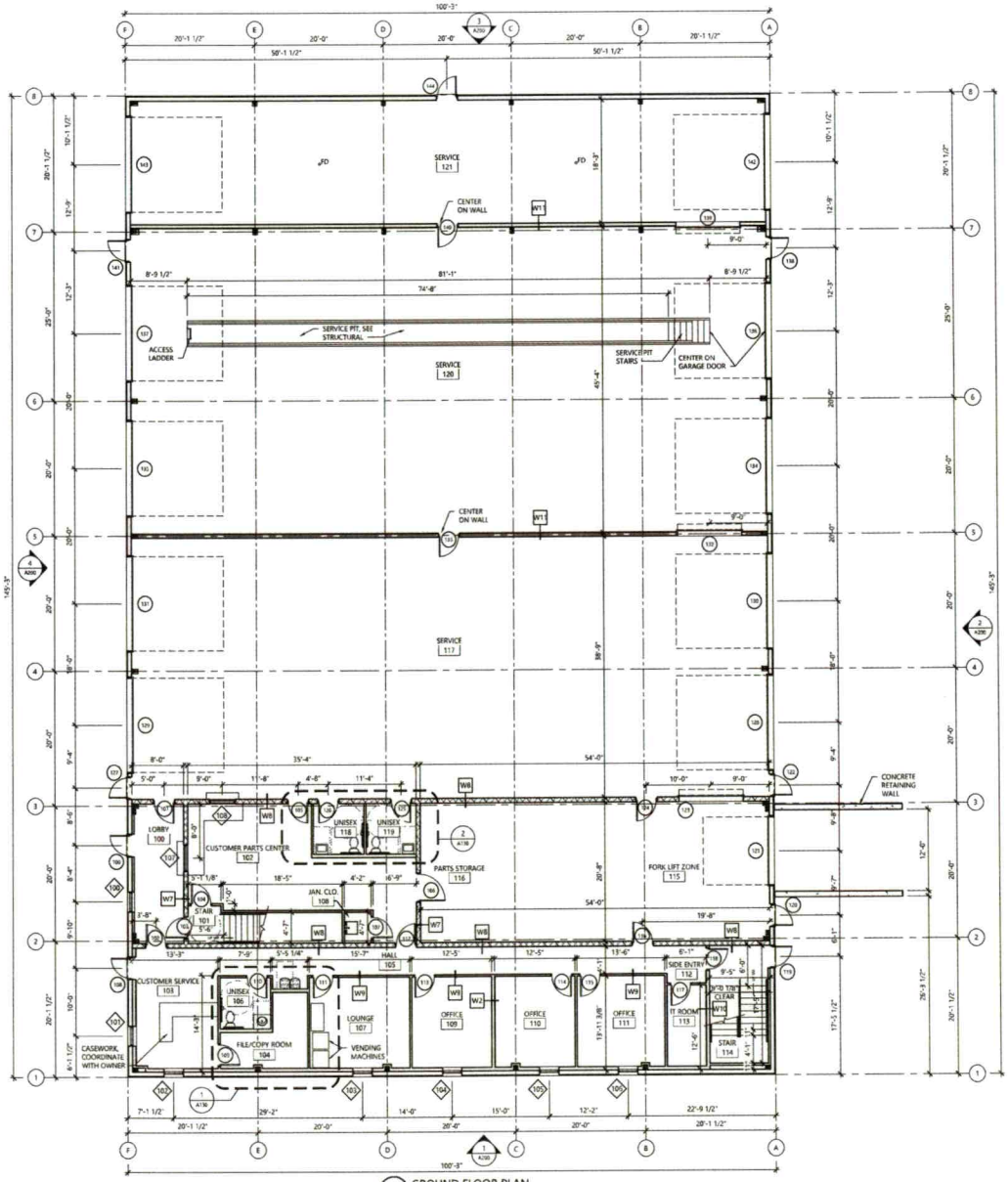
Revisions

No.	Date	Description

Key Plan:

Sheet Title:
COVER SHEET

Project #: 21118
Date: 11/16/2021
Designed by: JW, TT, MH Drawn by: JW, TT, MH Approved by: JW
Scale:
Sheet #:
G001



1 GROUND FLOOR PLAN
1/8" = 1'-0"

PLAN NOTES:

1. ALL DIMENSIONS INDICATED ARE TO FACES OF CMU/STUD/STRUCTURAL MATERIALS OR COLUMN GRID LINES UNLESS NOTED OTHERWISE. MASONRY DIMENSIONS ARE MODULAR IN THAT THEY INCLUDE THE GROUT JOINT.
2. ROUGH OPENINGS: ALLOW FOR SHIM SPACE.
3. FRAMING SUBCONTRACTOR SHALL COORDINATE FRAMING WITH LOCATIONS OF HVAC VENTS AND DUCT WORK, PLUMBING AND LIGHTING FIXTURES.
4. PROVIDE BLOCKING IN WALLS FOR ALL CABINETRY AND EQUIPMENT.
5. WHERE DOORS IN STUD/GYPSUM BOARD PARTITIONS ARE NOT SPECIFICALLY LOCATED ON THE PLANS WITH DIMENSION STRINGS, PROVIDE A MINIMUM HINGE-SIDE JAMB DIMENSION OF 6" FROM DOOR OPENING TO ADJACENT PERPENDICULAR WALLS. WHERE DOORS APPEAR TO BE CENTERED WITHIN CORRIDORS, LOCATE THE DOORS IN THE CENTER OF THE CORRIDOR.
6. ALL WINDOWS THAT HAVE A SILL LOWER THAN 18" ABOVE FINISHED FLOOR SHALL HAVE TEMPERED GLAZING.
7. ALL GLAZING WITHIN 24" OF EITHER SIDE OF A DOOR IN A CLOSED POSITION, AND ON THE SAME WALL PLANE SHALL BE TEMPERED. TEMPERED GLASS SHALL BE INSTALLED BY CODE IN THE FOLLOWING LOCATIONS:
   - 6.1. DOOR GLAZING
   - 6.2. GLAZING FOR BATHROOM FIXTURE ENCLOSURES (SHOWERS ETC)
   - 6.3. GLAZING LESS THAN 60" ABOVE TUB OR SHOWER DRAINS
   - 6.4. GLAZING WITHIN 24" OF AN ADJACENT DOOR WITH SILL LESS THAN 60 DEGREES
   - 6.5. INDIVIDUAL PANES OF GLAZING GREATER THAN 9 SF AND SILL LESS THAN 18" ABOVE FLOOR AND TOP EDGE GREATER THAN 36"
8. IF THE ARCHITECT IS NOT INCLUDED IN THE DISCUSSION, THE ARCHITECT IS NOT RESPONSIBLE FOR ANY COORDINATION BETWEEN OWNER AND GENERAL CONTRACTOR.
9. GENERAL CONTRACTOR TO COORDINATE WITH OWNER:
   - 8.1. COLOR OF EXTERIOR SIDING, ROOFING, TRIM, WINDOW AND DOOR.
   - 8.2. COLOR OF INTERIOR WALLS, TRIM, AND CASEWORK.
   - 8.3. TYPE AND COLOR OF HARDWARE AND FLOORING.
10. CASEWORK SHALL BE DESIGNED BY OTHERS. CABINET DESIGNER/INSTALLER SHALL FIELD MEASURE AREA OF WORK AFTER INSTALLATION OF GYPSUM WALL BOARD.

PLAN LEGEND:

- NEW WALL (STUD FRAMED WALL)
- WALL WITH CULTURED STONE VENEER
- CONCRETE MASONRY UNIT WALL
- BRICK VENEER
- INTERIOR WALL WITH SOUND ISOLATION BATT INSULATION
- W1 — INTERIOR WALL TYPE - ALL WALLS ARE TYPE W1 UNLESS OTHERWISE NOTED REF: 1/A500
- 01 — DOOR TAG - REF: A600
- 1 — WINDOW TAG - REF: A600
- NAME 100 — ROOM TAG - REF: A601

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Project:
NEW CONSTRUCTION FOR:
DEATON FLEET SOLUTIONS

553 LENTZ ROAD
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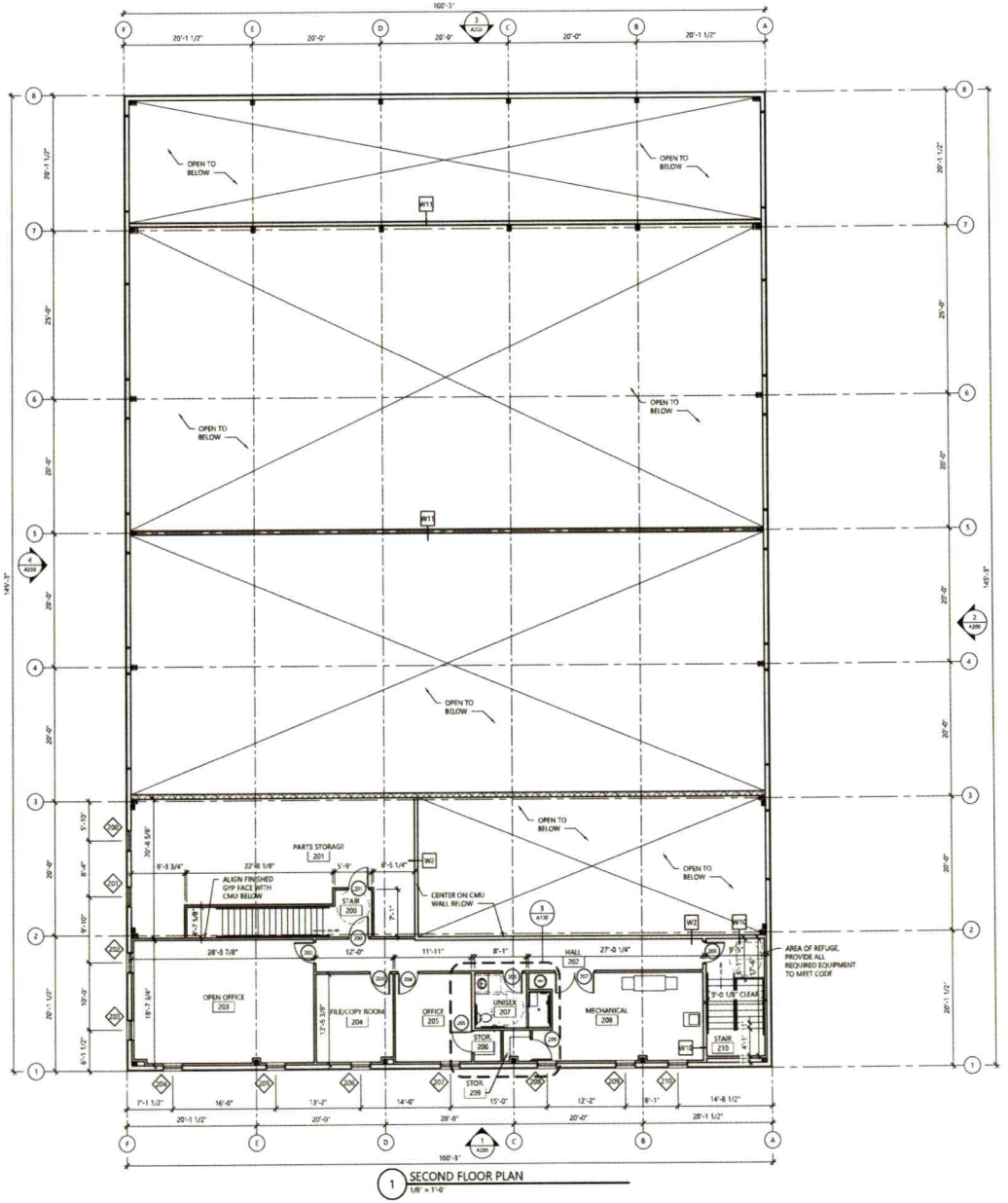
Revisions

No.	Date	Description

Key Plan:

Sheet Title:
GROUND FLOOR PLAN

Project #: 21118
Date: 11/16/2021
Designed by: JW_IT_MH Drawn by: JW_IT_MH Approved by: JW
Scale: 1/8" = 1'-0"
Sheet #:
A100



1 SECOND FLOOR PLAN
1/8" = 1'-0"

PLAN NOTES:

1. ALL DIMENSIONS INDICATED ARE TO FACES OF CMU/STUD/STRUCTURAL MATERIALS OR COLUMN GRID LINES UNLESS NOTED OTHERWISE. MASONRY DIMENSIONS ARE MODULAR IN THAT THEY INCLUDE THE GROUT JOINT. ROUGH OPENINGS ALLOW FOR SHIM SPACE.
2. FRAMING SUBCONTRACTOR SHALL COORDINATE FRAMING WITH LOCATIONS OF HVAC VENTS AND DUCT WORK, PLUMBING AND LIGHTING FIXTURES.
3. PROVIDE BLOCKING IN WALLS FOR ALL CABINETRY AND EQUIPMENT.
4. WHERE DOORS IN STUD/GYPSUM BOARD PARTITIONS ARE NOT SPECIFICALLY LOCATED ON THE PLANS WITH DIMENSION STRINGS, PROVIDE A MINIMUM HINGE-SIDE JAMB DIMENSION OF 6" FROM DOOR OPENING TO ADJACENT PERPENDICULAR WALLS. WHERE DOORS APPEAR TO BE CENTERED WITHIN CORRIDORS, LOCATE THE DOORS IN THE CENTER OF THE CORRIDOR.
5. ALL WINDOWS THAT HAVE A SILL LOWER THAN 18" ABOVE FINISHED FLOOR SHALL HAVE TEMPERED GLAZING.
6. ALL GLAZING WITHIN 24" OF EITHER SIDE OF A DOOR IN A CLOSED POSITION, AND ON THE SAME WALL PLANE SHALL BE TEMPERED. TEMPERED GLASS SHALL BE INSTALLED BY CODE IN THE FOLLOWING LOCATIONS:
   - 6.1. DOOR GLAZING
   - 6.2. GLAZING FOR BATHROOM FIXTURE ENCLOSURES (SHOWERS ETC)
   - 6.3. GLAZING LESS THAN 60" ABOVE TUB OR SHOWER DRAINS
   - 6.4. GLAZING WITHIN 24" OF AN ADJACENT DOOR WITH SILL LESS THAN 60 DEGREES
   - 6.5. INDIVIDUAL PANES OF GLAZING GREATER THAN 9 SF AND SILL LESS THAN 18" ABOVE FLOOR AND TOP EDGE GREATER THAN 36"
7. IF THE ARCHITECT IS NOT INCLUDED IN THE DISCUSSION, THE ARCHITECT IS NOT RESPONSIBLE FOR ANY COORDINATION BETWEEN OWNER AND GENERAL CONTRACTOR.
8. GENERAL CONTRACTOR TO COORDINATE WITH OWNER:
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   - 8.2. COLOR OF INTERIOR WALLS, TRIM, AND CASEWORK.
   - 8.3. TYPE AND COLOR OF HARDWARE AND FLOORING.
9. CASEWORK SHALL BE DESIGNED BY OTHERS. CABINET DESIGNER/INSTALLER SHALL FIELD MEASURE AREA OF WORK AFTER INSTALLATION OF GYPSUM WALL BOARD.

PLAN LEGEND:

- NEW WALL (STUD FRAMED WALL)
- WALL WITH CULTURED STONE VENEER
- CONCRETE MASONRY UNIT WALL
- BRICK VENEER
- INTERIOR WALL WITH SOUND ISOLATION BATT INSULATION
- W1 — INTERIOR WALL TYPE - ALL WALLS ARE TYPE W1 UNLESS OTHERWISE NOTED REF: 1/A500
- 01 — DOOR TAG - REF: A600
- 1 — WINDOW TAG - REF: A600
- NAME 100 — ROOM TAG - REF: A601

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Project:
NEW CONSTRUCTION FOR:
DEATON FLEET SOLUTIONS

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STATESVILLE, NC, 28625

Revisions

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Key Plan:

Sheet Title:
SECOND FLOOR PLAN

Project #: 21118
Date: 11/16/2021
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Sheet #:
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