IREDELL COUNTY HEALTH DEPARTMENT

Dollar General

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

PERMIT # 226301

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

PIN # 4677578113

APPLICANT/OWNER: Teramore Construction / Fore & Assoc | APPLICANT ADDRESS: 1970 Derita Road Concord NC 28027.

SITE ADDRESS: 13360 Ridge Farm Hwy Mooresville NC 28115 | PHONE: 229-516-4289 | ALT. PHONE —

SITE DIRECTIONS: From MVL take 152 Mg onto 150 t site is 3 miles on Right / Corner of 150 & 152 | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: — | SECTION: — | LOT # — | LOT AREA: 3.17 Acres. | DESIGN FLOW: 200 gpd | L.T.A.R.: .25

Septic Tank ~~1500~~ 1560 (gal) | STB 109 | Date 10-19-17

Pump Tank (gal) | PT | Date

Pump Make | Model | Serial #

Nitrification Fields 1 | # Lines 4 | Linear Ft 267

Trench Width 36 | Trench Bottom Depth(Low side) 60 inches | Gravel Depth ~

☒ New System ☐ Repair ☐ Expansion | System Type: I II (III) IV V VI

System Description: High capacity Chambers - no reduction

Repair System Description: Pump High capacity - no reduction

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☐ Residence ☒ Business ☐ Other ☒ Slab ☐ Basement w/plumbing

No. Bedrooms — | No. Persons — | No. Employees 8 | ☐ Crawl Space

Water Supply: ☒ Private ☐ Public ☐ Community ☐ Basement w/o plumbing

Comments / Conditions: This permit is for a Dollar General store. Conditions must be met in State issued Flow Reduction. Do not exceed max depth of 60 inches + 1 utilize Equal feed distribution. Utilize Curtain drain to divert subsurface water movement. Curtain Drain Depth must be 48 inches & must daylight away from system

* Maintain 100 ft from any well

* Existing system must be removed Prior to AC being issued.

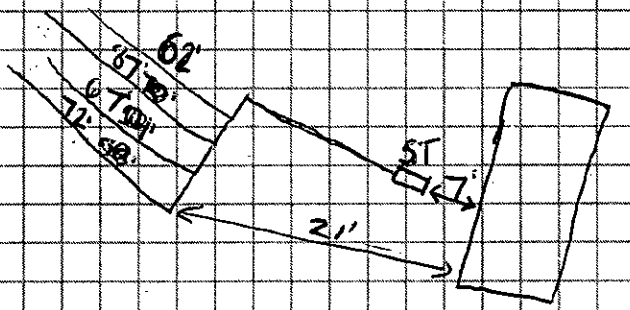
* Pre-Construction Meeting is Required before System is to be installed.

INITIAL SITE SKETCH

See Site Design
By Carolina Soil
& Septic Consulting, PLLC

AS BUILT SKETCH

*-Recommend pumping septic tank every 3-5 years *



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: Charles A Brooke | Date: 6/22/17 | Installed by: Ward Bros LLC

IMPROVEMENT PERMIT by: Benjamin A Bottoms | Date: 6/9/2017 | OPERATION PERMIT by: Kayla Watson | Date: 11-21-17

AUTHORIZATION TO CONSTRUCT by: Tom Shuck | Date: 6/20/2017 | Existing System Inspected by: | Date:

-Site Revisit Fee

RECEIVED APR 13 2017

IREDELL COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH DIVISION

(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)

Paid $500.00

1. APPLICATION FOR: ___Improvement Permit X Authorization To Construct ___Existing System Inspection

#226301

2. *Page 2: Site Plan Worksheet* **Form MUST Accompany This Application**
The following optional attachments may also be submitted: ___Survey Plat, Scaled no more than 1 Inch = 60 Feet
Place check ( ) beside whichever is submitted if applicable ___Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information:

Taylor — Paid $100.00 Site Revisit

Teramore Construction, LLC	1970 Derita Road Concord NC 28027	229-516-4289	6/20/17
Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
Forks & Associates	127 Hunters Creek Drive Mooresville NC 28115		
Owner Name	Mailing Address	Home Phone #	Alternate Phone #

4. Property Information:

1336 Oakridge Farm Hwy		
Street Address	Subdivision Name	Section/Phase and Lot Number

Driving Directions: From Mooresville take Hwy 152, merge right onto Hwy 150 (Oakridge Farm Hwy) and the site is located approx. 3 miles on the right from the Vistors Center. On the Corner of Hwy 150 & Hwy 152.

5. RESIDENTIAL Site Development Information: *(Check or Complete ALL that apply)*

( ) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
( ) Repair To Failing Septic System due to _____
( ) Other _____

Maximum Number of Bedrooms ___
Maximum Number of Occupants ___
If Expansion, Current Number of Bedrooms ___

( ) Crawl Space Foundation?
( ) Concrete Slab Foundation?
( ) Basement w/Plumbing?
( ) Basement w/out Plumbing?

IF Non-Residential Site Development:

Type of Business	Retail
Square Footage of Building	9,100
Maximum Number of Employees	8
Maximum Number of Seats	N/A

6. Proposed Water Supply:

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

7. Desired Septic System Type: *(You may rank in order of preference, if any)* ( ) EXISTING SYSTEM installed ____ Year

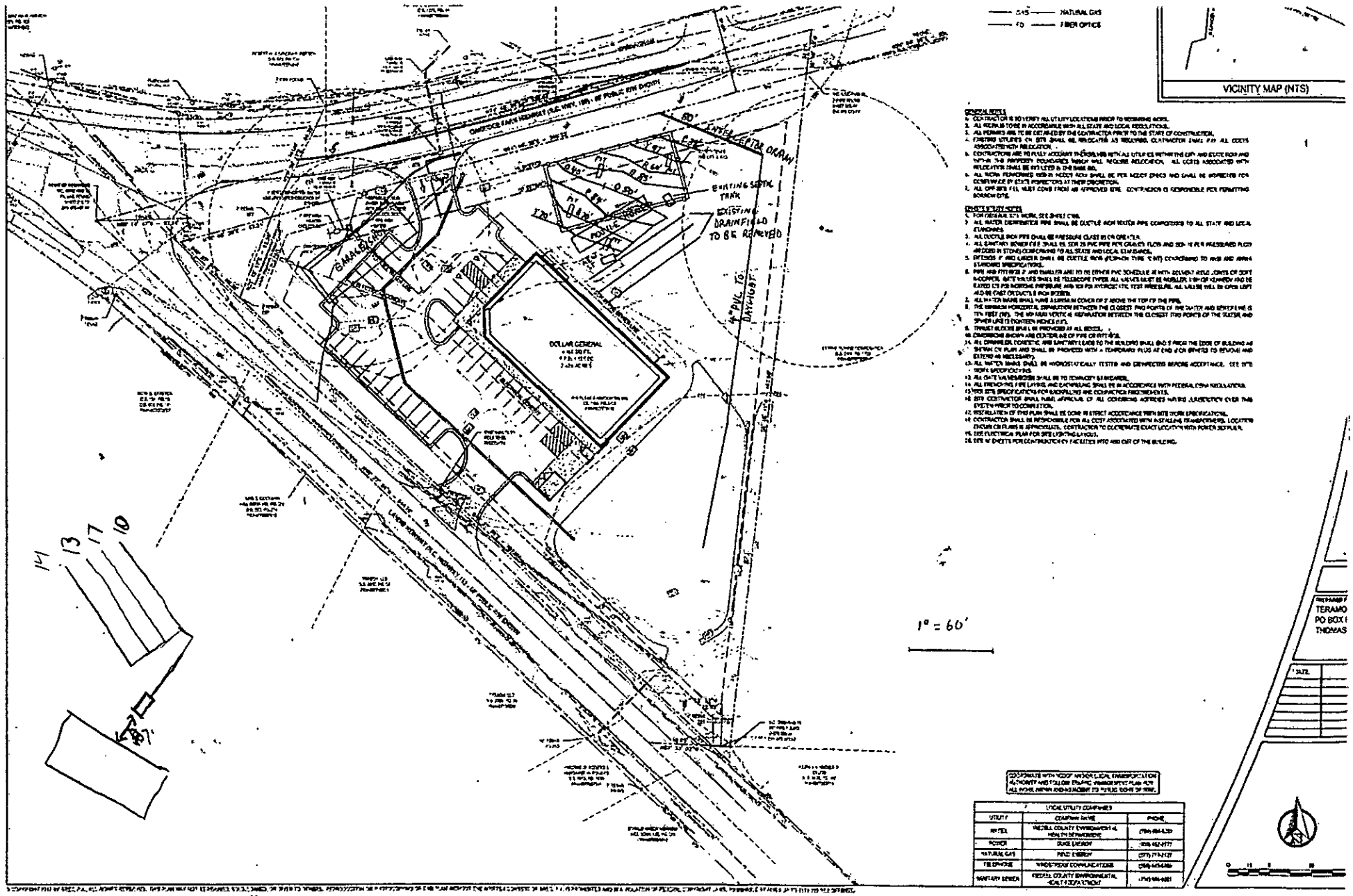
(3) Alternative (1) Conventional (4) Innovative (2) Modified Conventional ( ) Other_____

8. Please Answer The Following To The Best of Your Ability: ( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industry) to be generated?
(X) 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 labelling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

9. Signature: _____ 3/10/2017
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

require a re-evaluation of the design flow and the system design, and revised permits would have to be issued.



GENERAL NOTES

1. CONTRACTOR IS TO VERIFY ALL UTILITY LOCATIONS PRIOR TO BEGINNING WORK.
2. ALL WORK IS TO BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.
3. ALL PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
4. EXISTING UTILITIES ON SITE SHALL BE RELOCATED AS REQUIRED. CONTRACTOR SHALL PAY ALL COSTS ASSOCIATED WITH RELOCATION.
5. CONTRACTOR SHALL BE FULLY ACQUAINTED WITH AND COMPLY WITH ALL UTILITY EASEMENTS BOTH OFF AND OUTSIDE THE PROPERTY BOUNDARIES WHICH SHALL REQUIRE RELOCATION. ALL COSTS ASSOCIATED WITH RELOCATION SHALL BE INCLUDED IN THE BASE BID.
6. ALL WORK PERFORMED WITHIN RIGHT-OF-WAY SHALL BE PER LATEST SPECS AND SHALL BE INSPECTED FOR COMPLIANCE BY STATE INSPECTORS AT THEIR DISCRETION.
7. ALL OFF-SITE FILL MUST COME FROM AN APPROVED SITE. CONTRACTOR IS RESPONSIBLE FOR PERMITTING BORROW SITE.

CIVIL & UTILITY NOTES

1. FOR GRADING & ETC WORK, SEE SHEET C100.
2. ALL WATER DISTRIBUTION PIPE SHALL BE DUCTILE IRON WATER PIPE CONFORMING TO ALL STATE AND LOCAL STANDARDS.
3. ALL DUCTILE IRON PIPE SHALL BE PRESSURE CLASS 350 OR GREATER.
4. ALL SANITARY SEWER PIPE SHALL BE SDR 26 PVC PIPE PER GRADES, FLOWS AND SIZE AS PER PRESSURED PLOTS AND LOCATED IN STRICT CONFORMANCE TO ALL STATE AND LOCAL STANDARDS.
5. DIAMETERS 4" AND LARGER SHALL BE DUCTILE IRON pCLASS 350 TYPE "K-NIT) CONFORMING TO ANSI AND AWWA STANDARD SPECIFICATIONS.
6. PIPE AND FITTINGS 3" AND SMALLER ARE TO BE EITHER PVC SCHEDULE 40 WITH SOLVENT WELD JOINTS OR SOFT COPPER. GATE VALVES SHALL BE TELESCOPE TYPES, ALL VALVES MUST BE MUELLER, KENNEDY AND BE RATED 175 PSI WORKING PRESSURE AND 350 PSI HYDROSTATIC TEST PRESSURE. ALL VALVES WILL BE OPEN LEFT AND BE CAST OR DUCTILE IRON BODIES.
7. ALL WATER MAINS SHALL HAVE A MINIMUM COVER OF 3' ABOVE THE TOP OF THE PIPE.
8. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS TEN FEET (10'). THE MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS EIGHTEEN INCHES (18").
9. THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS.
10. DIMENSIONS SHOWN ARE CENTERLINE OF PIPE OR FITTINGS.
11. ALL DRAINAGE, DOMESTIC AND SANITARY LEADS TO THE BUILDING SHALL END 5 FROM THE EDGE OF BUILDING AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT END (FOR SERVICES TO REMAIN) AND EXTEND AS NECESSARY.
12. ALL WATER MAINS SHALL BE HYDROSTATICALLY TESTED AND DISINFECTED BEFORE ACCEPTANCE. SEE SITE WORK SPECIFICATIONS.
13. ALL GATE VALVE MANUFACTURER SHALL BE TO TOWNSLEY STANDARDS.
14. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
15. SEE SITE SPECIFICATIONS FOR BACKFILLING AND COMPACTION REQUIREMENTS.
16. SITE CONTRACTOR SHALL MAKE APPROVAL OF ALL CONNECTING AGENCIES HAVING JURISDICTION OVER THIS SYSTEM PRIOR TO COMPLETION.
17. INSTALLATION OF THIS PLAN SHALL BE DONE IN STRICT ACCORDANCE WITH SITE WORK SPECIFICATIONS.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH INSTALLING, DISINFECTING, LOCATING (TRUCK OR FLAGS IS APPROPRIATE). CONTRACTOR TO COORDINATE EXACT LOCATION WITH POWER DISTRIBUTOR.
19. SEE ELECTRICAL PLAN FOR SITE LIGHTING LAYOUT.
20. SEE 'M' SHEETS FOR CONSTRUCTION OF FACILITIES INTO AND OUT OF THE BUILDING.

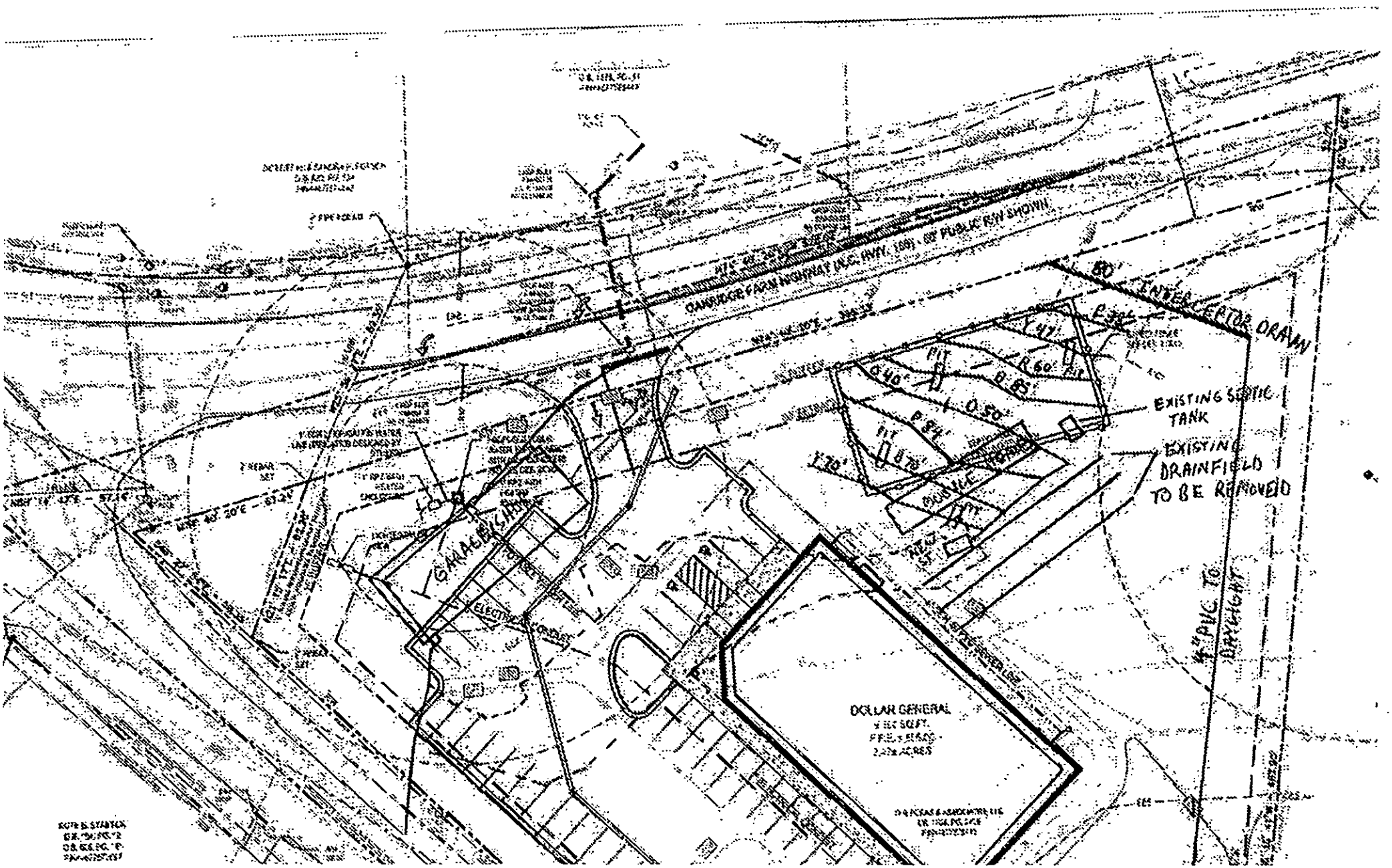
COORDINATE WITH TDOT AND/OR LOCAL ENFORCEMENT AUTHORITY AND FOLLOW TRAFFIC MANAGEMENT PLAN FOR ALL WORK WITHIN AND ADJACENT TO PUBLIC RIGHT OF WAY.

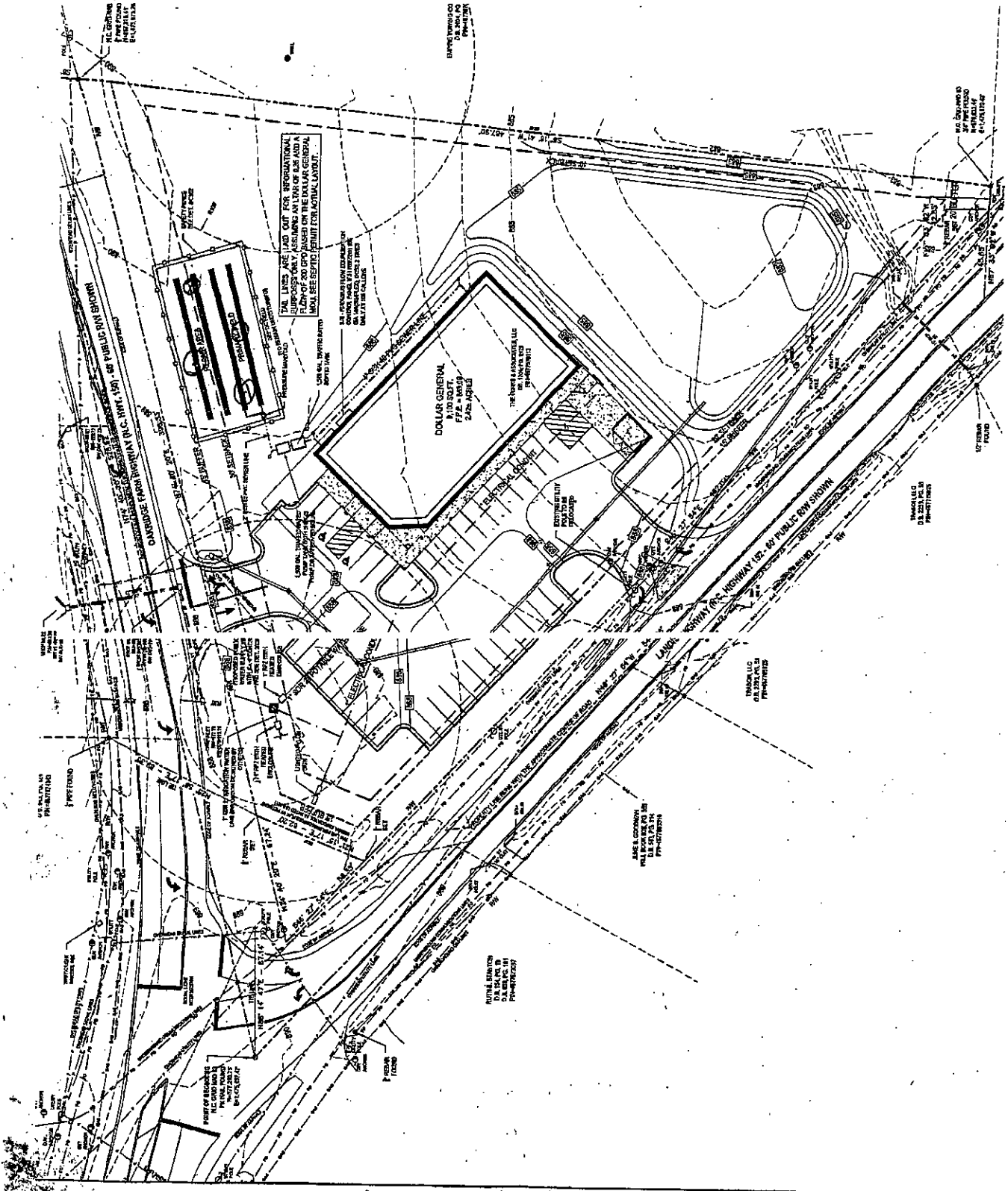
LOCAL UTILITY COMPANIES

UTILITY	COMPANY NAME	PHONE
WATER	WEBB COUNTY ENVIRONMENTAL HEALTH DEPARTMENT	(956) 764-6220
POWER	BLUE ENERGY	(956) 452-4777
NATURAL GAS	PEOPLE ENERGY	(877) 775-7427
TELEPHONE	TRADITIONAL COMMUNICATIONS	(956) 645-6666
SANITARY SEWER	WEBB COUNTY ENVIRONMENTAL HEALTH DEPARTMENT	(956) 764-6220

TERAMO
PO BOX
THOMAS

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EXISTING SEPTIC TANK
EXISTING DRAINFIELD TO BE REMOVED
DOLLAR GENERAL



* Site not marked = PL / Building Structure / Property Lot.
* Existing Trailer + drainfield?
* Existing Business / service station / drainfield / UST?
* public water supply? Setbacks
* Check w/ MVL UST.

EAS PROFESSIONALS

LIMITED PHASE II
ENVIRONMENTAL SITE ASSESSMENT

3.17-ACRES +/-, 1332 OAKRIDGE FARM HIGHWAY
MOORESVILLE, NORTH CAROLINA
EAS-16744

Prepared For:

Teramore Development, LLC
PO Box 6460
Thomasville, GA 31758
Phone: 229-516-4289

Prepared By:

EAS PROFESSIONALS, INC.
9 Pilgrim Road
Greenville, South Carolina 29607
Phone: (864) 234-7368

November 11, 2016

EAS PROFESSIONALS

9 Pilgrim Road
Greenville, SC 29607
Phone (864) 234-7368
Fax (864) 234-7369

November 11, 2016

Teramore Development, LLC
PO Box 6460
Thomasville, GA 31758

Attention: Mr. Josh Hufstetler

Reference: Limited Phase II Environmental Site Assessment (ESA)
3.17-Acres +/-, 1332 Oakridge Farm Highway
Mooresville, North Carolina
EAS Project No.: EAS 16744

Dear Mr. Hufstetler,

Engineering and Surveying Professionals, Inc. (EAS) has performed a Limited Phase II Environmental Site Assessment (ESA) on the above reference property. The following is a summary of the Phase II activities and findings of that investigation.

We have enjoyed working with you on this project. Please do not hesitate to contact us if you have any questions regarding this report or if we may be of further service.

Respectfully Submitted,
EAS PROFESSIONALS, INC.

J. Ashley Brown, PE
Senior Environmental Engineer

Suzanne M. Stroh
Senior Environmental Consultant

SEAS PROFESSIONALS

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1.0 BACKGROUND

In September, 2016 (report dated September 29, 2016) Engineering and Surveying Professionals, Inc. (EAS) performed a Phase I Environmental Site Assessment (ESA) of a 3.17-Acres +/- tract of land, identified as Tax Map Parcel Number 4677578113, located at 1332 Oakridge Farm Highway, Iredell County, Mooresville, North Carolina (hereafter referred to as Site or Property). The Phase I ESA identified Recognized Environmental Conditions on the site that in our opinion warranted additional investigation. This Report of Limited Phase II Environmental Assessment summarizes actions undertaken to determine if suspect nearby or onsite activities have impacted the subject site.

The site is currently developed with a commercial structure currently occupied by an auto body shop, known as Mooresville Collision Repair Center, a singlewide mobile home, a wood framed shed and three metal storage buildings.

Undeveloped land and Peebles Automotive and Towing are adjacent to the north, across Oakridge Farm Highway. Empire Towing and undeveloped land are adjacent to the east. Residences and Brenda's Barber Shop are adjacent to the southwest and west respectively, across Landis Highway. KC Mini Storage, agricultural and wooded land and other residential properties are in the vicinity.

EAS performed a site reconnaissance on September 23, 2016. The eastern portion of the subject site is flat and wooded. A chain-link fence runs along the eastern border of the site.

A fuel oil above ground storage tank (AST) was observed on the east side of the onsite residential singlewide trailer, located on the northeastern portion of the subject site. No staining to the ground surface was observed.

Several empty motor oil and automatic transmission fluid drums, piles of scrap metal and a car battery are located behind the structure. In addition, a pile of car parts, household garbage, tires, a car battery, and miscellaneous metal parts were observed near the center of the subject site at the edge of the wooded area; a couple of engine blocks and dozens of tires were observed in the wooded eastern portion of the subject site; several air conditioning units were observed on the ground near the center of the subject site; plastic debris and empty hydraulic oil buckets were observed in the wooded eastern portion of the subject site, which displayed poor housekeeping practices. No stains to the ground surface were observed in any of the areas of debris noted during EAS's site reconnaissance.

A wood framed shed and three metal storage buildings are located behind the onsite commercial structure. All storage buildings were locked and inaccessible during EAS's site visit, reportedly containing oil stock, car parts, and "junk".

According to information obtained, the site operated as a gas station, from at least the 1950s. The site reportedly ceased operation as a gas station in approximately 1982 and was converted to an auto body shop business, which continues to operate from the subject site, currently known as Mooresville Collison Repair Center.

The waste oil generated by the business is reportedly sold to a nearby business that heats with waste oil. According to information obtained, there is not an oil/water separator onsite.

A hydraulic lift is located within the commercial structure, with hydraulic fluid stored in a UST beneath the shop.

Findings of potential environmental concern at the site included the following:

- A former onsite gas station that operated for over 20 years and was closed prior to the enactment of UST regulations with no records of UST Closure and/or site assessment associated with the former UST system.
- A hydraulic lift within the existing auto repair shop and associated hydraulic oil UST.

EAS recommended a Limited Phase II Environmental Site Assessment (ESA) of the site to include the collection of soil samples in the vicinity of the former USTs, fuel pump island and hydraulic lift area, to determine if fuel/hydrocarbon impacts are present on the site. This report describes the field activities and findings of the Limited Phase II ESA performed by EAS.

2.0 FIELD ACTIVITIES

Prior to mobilization to the subject site, EAS contacted the North Carolina utility location service 811 to verify the locations of buried utilities in the areas of the proposed drilling. Utility positive responses were verified prior to drilling.

On October 27, 2016, EAS met with representatives of Carolina Soil Investigations, LLC, a North Carolina-licensed environmental drilling firm, to collect soil samples at selected locations on the site, using a direct push Geoprobe drilling rig. After a brief safety meeting, drilling was performed at the eight locations shown on Figure 2. As soils were collected at various depths they were evaluated for evidence of fuel impact using a MiniRAE 3000 Photoionization Detector (PID) with a 10.6 eV lamp. PID readings and soil descriptions are described in Table 1 below.

Table 1 – PID Soil Screening Results
1332 Oakridge Farm Highway
Mooresville, North Carolina

Boring ID	Depth	PID .3Reading	Notes
DP-1	0-5'	0.3	Sampled at 5'
DP-2	0-5'	1.2	No Sample
	5'-10'	1.8	Sampled at 10'
	10'-15'	0.8	No Sample
DP-3	0-5'	1.2	No Sample
	5'-10'	1.5	No Sample
	10'-15'	2.5	Sampled at 12'
DP-4	0-5'	2.6	No Sample
	5'-10'	9.0	No Sample
	10'-15'	10.5	Sampled at 12'
DP-5	0-5'	1.0	No Sample
	5'-10'	11.0	No Sample
	10'-15'	15.0	Sampled at 12'
DP-6	0-5'	3.2	Sampled at 5'
	5'-10'	2.2	No Sample
	10'-15'	0.2	No Sample
DP-7	0-5'	5.0	Sampled at 5'
	5'-10'	2.0	No Sample
DP-8	0-5'	26.2	Sampled at 5'
	5'-10'	0.5	No Sample

Soil sample summary data are presented in Table 2 below.

Table 2 – Soil Sample Information
1332 Oakridge Farm Highway, Mooresville, North Carolina

Sample Designation	Depth	Sample Type	Analysis	Sampling Rationale/Notes
DP-1	5'	Soil, Grab	EPA OA2	Hydraulic Lift Area
DP-2	10'	Soil, Grab	EPA 8260B VOCs, EPA 8015 TPH-DRO and GRO	Suspected of being in former UST Tank Pit
DP-3	12'	Soil, Grab	EPA 8260B VOCs, EPA 8015 TPH-DRO and GRO	Suspected of being in former UST Tank Pit
DP-4	12'	Soil, Grab	EPA 8260B VOCs, EPA 8015 TPH-DRO and GRO	Suspected of being in former UST Tank Pit

Sample Designation	Depth	Sample Type	Analysis	Sampling Rationale/Notes
DP-5	12'	Soil, Grab	EPA 8260B VOCs, EPA 8015 TPH-DRO and GRO, MADEP EPH and VPH	Suspected of being in former UST Tank Pit
DP-6	5'	Soil, Grab	EPA 8260B VOCs	Drum Area
DP-7	5'	Soil, Grab	EPA 8015 TPH-DRO and GRO	Former Pump Island
DP-8	5'	Soil, Grab	EPA 8260B VOCs, EPA 8015 TPH-DRO and GRO, MADEP EPH and VPH	Former Pump Island

VOCs = Volatile Organic Compounds TPH-DRO = Total Petroleum Hydrocarbons – Diesel Range Organics TPH-GRO = Total Petroleum Hydrocarbons – Gasoline Range Organics MADEP = Massachusetts Dept. of Environmental Protection VPH = Volatile Petroleum Hydrocarbons EPH = Extractable Petroleum Hydrocarbons

Soil Sampling

At each soil sampling location a clean Geoprobe Macro-Core sampler with acetate sampling sleeve was pushed to the depths shown on Table 1 and soil samples were recovered and inspected for signs of staining, moisture, odors, or other evidence of potential impact. Soils were also screened for Volatile Organic Compounds (VOCs) using a MiniRAE 3000 Photoionization Detector (PID) with a 10.6 eV lamp. All soil samples were immediately placed on ice upon collection. Soil samples collected from borings with the highest PID readings in an area of interest (e.g. former UST Pit, Pump Island) received more extensive analysis.

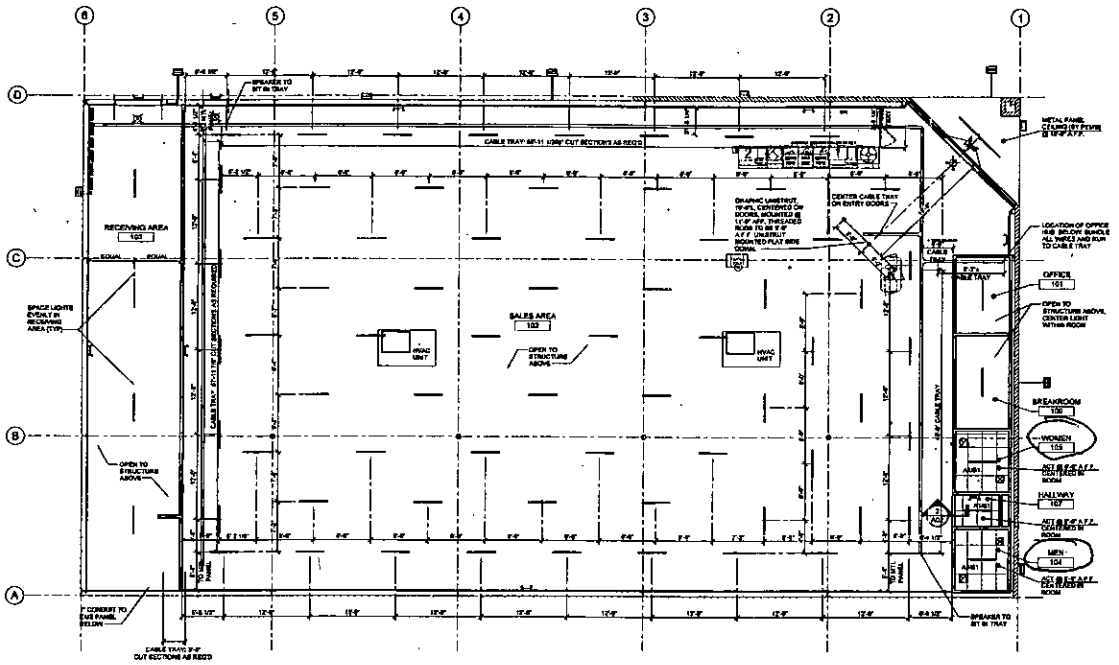
All sample collection protocols, sample preservation methods, custody documentation and analytical methods were in accordance with US EPA guidance. All samples collected were immediately packed on ice to maintain a maximum 4°C temperature and shipped overnight to ESC Lab Sciences in Mt. Juliet, Tennessee, a North Carolina-certified laboratory for analysis.

3.0 FINDINGS AND CONCLUSIONS

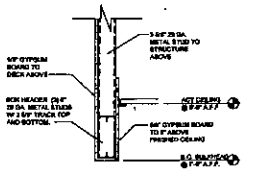
Results of analysis of soil samples showed no detections.

Conclusion

Based on no detections reported in any of the soil samples analyzed, it is EAS's opinion that there are no significant impacts from the former USTs, fuel dispensing pumps, drum storage area, or hydraulic lift on the subject property. In EAS's opinion, further environmental site assessment is not warranted for this site.

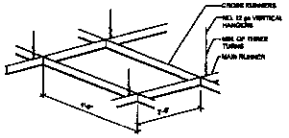


1 A02 REFLECTED CEILING PLAN — SCALE: 1/8"=1'-0"

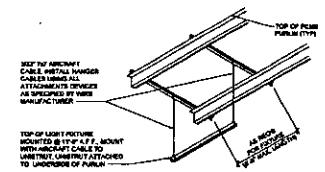


NOTE: IF A GYPSUM BOARD CEILING IS INSTALLED IN THE HALLWAY AN ACCESS PANEL MUST BE INSTALLED FOR ACCESS TO THE WATER HEATER. (MINIMUM 24"x36")

3 A03 BULKHEAD DETAIL — SCALE: 1" = 1'-0"



4 A02 CEILING DETAILS — SCALE: NTS



2 A03 LIGHT ATTACHMENT DETAIL — SCALE: N.T.S.

Acknowledgement Of
Plan Submittal ONLY!
Tom Shuel 6/20/17
Chuck Dietz Date 6/22/17

LEGEND		REFLECTED CEILING PLAN NOTES
4'-0" LIGHT FIXTURE (RECESSED) A/E	WALL PACK	1. ALL LIGHTS TO BE MOUNTED SUCH THAT THE TOP OF THE FIXTURES ARE AT 11'-0" A.F.F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
4'-0" LIGHT FIXTURE (SURFACE MTD) A/E	WALL PACK	2. CABLE TRAY TO BE MOUNTED SUCH THAT BOTTOM OF TRAY IS AT 11'-0" A.F.F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
NIGHT LIGHT CIRCUIT		3. CABLE TRAY SYSTEM TO BE INSTALLED WITH FULL LENGTHS WITH MINIMAL CUTTING OF SECTIONS. AREAS WHERE CUTTING MAY BE REQUIRED ARE AS NOTED ON THE PLAN
LED EXIT SIGN	SING LIST 2 HEAD	4. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL CABLE TRAY AND ALL CONDUIT WITH PULL STRINGS AS NOTED
EMG LED/EXIT COMBO	EMG LIST W/GOOSE 1 HEAD	5. COORDINATE RTU LOCATIONS WITH PLANS DRAWINGS.
EXHAUST FAN	TRANSFER GRILLE	6. ALL 4'-0" GENERAL LIGHTING FIXTURES TO BE HUNG FROM STRUCTURE UNLESS NOTED OTHERWISE
* REFER TO THE ELECTRICAL DRAWINGS FOR LIGHT DESIGNATIONS AND OTHER ADDITIONAL INFORMATION		

CASCO
Professional Services, LLC
10877 WATSON ROAD
ST. LOUIS, MO 63127
PROJECT MANAGERS

REVISIONS.

NO.#	DATE
REMARKS	
	04/03/17
OWNER REVIEW	
	05/03/17
PERMIT	

DOLLAR GENERAL
DOLLAR GENERAL STORE – #18415
MOORESVILLE, NC 28115

PROTO DATE 12/14/16
SCHEME DG 9100 F

MARK S. BROMMER
NORTH CAROLINA
SEAL
032471
REGISTERED PROFESSIONAL ENGINEER
5/7/17

PROFESSIONAL OF RECORD
MARK S. BROMMER
REGISTRATION NO. 032471
STATE NC

DRAWN BY BFB
CHECKED BY CMS
PROJECT NUMBER 3162.15
DATE 03/03/17
SHEET TITLE REFLECTED CEILING PLAN
SHEET NUMBER A02

DG 5/30

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

Sheet 1 of 1
PROPERTY ID #: 467757913
COUNTY: Iredell

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

~ Curtain Drain 49 inches. Bill → 704-278-3527

532 54 1/4 RD.

OWNER: Furgs + Assoc.
ADDRESS: 1836 Oakridge Farm Hwy
PROPOSED FACILITY: Dollar Gen #
LOCATION OF SITE: 1336 Oakridge Farm Hwy

APPLICATION DATE 3/10/17
DATE EVALUATED: 5/30/17
PROPOSED DESIGN FLOW (.1949): 2000gpd ~3 bdrm" PROPERTY SIZE: 3.17 Acres
PROPERTY RECORDED: Y/CD.

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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Side 2-5%	0-7	scl wSBk		2.5YR4/6	72		7.5YR6/4 10YR5/4 Depletions C 24-33	PS .25 .275 max depth 58 Max depth 60
		7-30	C	SBk + ABk					
		30-72	CL	wSBk					
2	Side 2-5%	0-9	scl wSBk			72		7.5YR6/4	PS .25 Max 60
		9-20	C	ABk					
		20-30	C	ABk ~ Platy					
		30-BR	CL	wSBk					
3	Side 2-5%	0-9	scl Top wSBk			72		7.5YR6/4 6/3	PS .25 max 42 max 60
		9-21	scl	ABk					
		21-36	C	Platy ABk					
		36-BR	CL	wSBk					
4	Side 2-5%	0-12	scl	wSBk		72		7.5YR6/4	PS .25 max 42 max 60
		12-27	C	ABk					
		27-38	C	Platy ABk					
		38-64	CL	wSBk					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Y ~ 267 LF	Y 267 LF
System Type(s)	High Capacity III	High Capacity III
Site LTAR	.25	.25

OTHER FACTORS (.1946): * Deep Redoximorphic due Parent Material Horizon Above
SITE CLASSIFICATION (.1948): PS.
EVALUATED BY: Bowling / A. Pruitt
OTHER(S) PRESENT:

COMMENTS: * Curtain drain 49 inch / High Capacity 60 inch Trench bottom * Pre Con meeting

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 461 751 7115
COUNTY: Franklin

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Tim Mac Construction
ADDRESS: _____ APPLICATION DATE _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ DATE EVALUATED: _____
LOCATION OF SITE: _____ PROPERTY SIZE: _____
WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☐ Other _____ PROPERTY RECORDED: _____
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	Ridge	0-2	scl		2.5YR4/6 10YR6/6 2.5YR4/6			Redox 10YR5/6 5/4 Matrix Mica.	Type Dirt no top. .25 Trouble in wet system
		2-20	c						
		20-28	c						
		28-48	cl						
2	Ridge	0-8	scl		2.5YR4/6 2.5YR4/6			Redox 10YR5/4 10YR5/3 10YR5/2 Hem 23 Sap.	.2 ?
		8-14	c ABK SBK						
		14-28	c ABK						
		28-48	cl WBK						
3	Ridge	0-14	scl		2.5YR4/6			10YR6/2 C21 10YR 7/2 Manganese Features	Type dirt 14-42 Throughout boring ?
		14-42	c MABK						
		42-48	cl						
4	Ridge	0-8	scl		2.5YR4/6 Some Redox			10YR6/2 16	.2 ?
		8-35	c MABK						
		35-48	cl						

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

OTHER FACTORS (.1946): Shallow Chroma 2's
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: _____

Time to Health

IREDELL COUNTY

PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
226301
Issue Date: 04/13/2017

ZONING PERMIT

Commercial

Parcel Number	Street Address	Jurisdiction
4677578113.000	1336 OAKRIDGE FARM HIGHWAY, MOORESVILLE, NC 28115	IREDELL COUNTY

Owner Information	Applicant Information
Owner: FORKS+ASSOCIATES LLC THE	Applicant: TERAMORE CONSTRUCTION
Address: 127 HUNTERS CREEK DR MOORESVILLE, NC 28115	Address: 1970 DERITA RD CONCORD, NC 28027
Phone:	Phone: 229-516-4289

Use Requested	Zone Code
DOLLAR GENERAL	NB

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
3.170	30.00	20.00	10.00	10.00	BOWB	X

Remarks:

MUST FOLLOW SITE PLAN; ALL LANDSCAPING AND PARKING MUST BE INSTALLED BEFORE A ZONING FINAL CAN BE DONE AND A CO ISSUED; ANY CHANGES TO THE SITE PLAN MUST BE RESUBMITTED

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant: _____ Date: _____

Permit Number	99523	TOTAL FEES:	$ 177.25

TERAMORE
DEVELOPMENT, LLC
P.O. Box 6460, Thomasville, Georgia 31758
Office: 229-516-4289 Fax: 229-516-4229

June 19, 2017

RE: Septic Permit – Mooresville, NC Dollar General

Hi Rhonda,

Please find enclosed the floor plan for our Dollar General in Mooresville, NC. I have also included a $100.00 check for the revisit fee. Chad Gantt will be by your office on Thursday, June 22 to pick up the permit. Please feel free to contact me directly at 912-312-4610 if you require any additional information before releasing the permit.

Thank you,

Taylor Ferreira
Project Coordinator
Teramore Development, LLC

cgantt@teramore.net

E-MAILED 6/22/17 AC

North Carolina Department of Environment and Natural Resources
Division of Environmental Health

Beverly Eaves Perdue
Governor

Terry L. Pierce
Director

Dee Freeman
Secretary

Memorandum

To: NC Environmental Health Specialists

From: Ted Lyon, On-Site Water Protection Section Chief

Subject: Design Flow Reduction for Dollar General Stores

Date: July 30, 2010

Based on separate sets of data provided for more than ten stores in the past for flow reductions for Dollar General Stores, a proposed design daily flow of 200 gpd may be used. This design flow can only be used with the following conditions:

1. Tanks must be sized on the un-reduced design flow (120 gpd/1,000 square feet of retail space area).
2. Use of low-flow fixtures such as spring-loaded or automatically activated faucets with flow rates of one gallon per minute or less, low-flow urinals which use 0.5 gallons per flush or less, and low-flow toilets which use 1.6 gallons per flush or less. Cut sheets of the fixtures must be provided.
3. A floor plan of the building must be provided. The retail sales floor area must be less than 8,000 square feet.
4. If a pump system is used, a Section approved flow equalization control panel must be used. The flow equalization control panel limits the amount of effluent discharged to the drainfield when the lag float is triggered and only one timed dose is delivered. Non-flow equalization control panels are programmed to discharge all effluent in the pump tank to the drainfield when the lag float is triggered.
5. The control panel should be set up to limit the daily dose to the drainfield to be no more than the maximum design daily flow of 200 gpd.
6. The tenants are prohibited from disposing into the wastewater system any chemical cleaners or any other compound which may be harmful to the bacteria in the wastewater system, including but not limited to quaternary ammonia compounds.
7. The tenants are prohibited from disposing of any food waste (solid or liquid) into the system.
8. The improvement permit, authorization to construct, and operation permit issued must be specify a Dollar General store. Any change to a facility designated as a Dollar General store would require a re-evaluation of the design flow and the system design, and revised permits would have to be issued.

On-site Water Protection Section – Ted Lyon, Chief
1642 Mail Service Center, Raleigh, North Carolina 27699-1642
Phone: 919-733-2895 \ FAX: 919-715-3227 \ Internet: www.deh.enr.state.nc.us/osww_new/new1//index.htm

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9. This flow reduction applies only to the design flow from a Dollar General store. The improvement permit, authorization to construct, and operation permit issued must indicate that the permit is for a Dollar General store or in the case of multiple stores, which specific store will be a Dollar General.
10. We recommend the installation of a water meter for the Dollar General.