



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM

**BUILDING DEPT
COPY**

PERMIT #: **36-SN-2549746**
APPLICATION #: **AP2063342**
DATE PAID: _____
FEE PAID: _____
RECEIPT #: _____
DOCUMENT #: **PR2108541**

CONSTRUCTION PERMIT FOR: OSTDS New

AK **BRC24-001809**
DATE: **08/19/2024** **2320 NW 31ST TER**

APPLICANT: (LB Solutions LLC)

PROPERTY ADDRESS: 2320 NW 31st Ter Cape Coral, FL 33993

LOT: 5-6 BLOCK: 5104 SUBDIVISION: _____

PROPERTY ID #: 284323C1051040050 [SECTION, TOWNSHIP, RANGE, PARCEL NUMBER]
[OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [900] GALLONS / GPD Septic Tank CAPACITY
A [] GALLONS / GPD N/A CAPACITY
N [] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]
K [] GALLONS DOSING TANK CAPACITY [] GALLONS @ [] DOSES PER 24 HRS #Pumps []

D [500] SQUARE FEET Drainfield SYSTEM
R [] SQUARE FEET N/A SYSTEM
A TYPE SYSTEM: [] STANDARD [] FILLED [x] MOUND []
I CONFIGURATION: [] TRENCH [x] BED []

F LOCATION OF BENCHMARK: SET PK NAIL AND DISK CL OF PAVEMENT NEAR RT PL, ELEV=7.41

I ELEVATION OF PROPOSED SYSTEM SITE [1.39] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT
E BOTTOM OF DRAINFIELD TO BE [2.56] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

D FILL REQUIRED: [25.00] INCHES EXCAVATION REQUIRED: [0.00] INCHES

O MINIMUM INFILTRATIVE SURFACE ELEVATION = 9.97'
T Building construction & lot grading must be in compliance. HEALTH DEPARTMENT TO VERIFY ENGINEER SOILS &
H ELEVATIONS AT TIME OF INITIAL INSPECTION Any increase in sewage flow may cause system failure. The system is
E sized for 3 bedrooms with a maximum occupancy of 6 persons (2 per bedroom), for a total estimated flow of 300 gpd.
R

SPECIFICATIONS BY: Shawn Lemley TITLE: Site Evaluator

APPROVED BY: Megan Lachenmayer TITLE: Environmental Specialist III Lee CHD

DATE ISSUED: 06/11/2024 EXPIRATION DATE: 12/11/2025

DEP 4015, 06-21-2022 (Obsoletes previous editions which may not be used)

Incorporated 62-6.004, FAC

NOTICE OF RIGHTS

A party whose substantial interest is affected by this order may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. Such proceedings are governed by Rule 28-106, Florida Administrative Code. A petition for administrative hearing must be in writing and must be received by the Agency Clerk for the Department, within twenty-one (21) days from the receipt of this order. The address of the agency clerk is 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. The Agency Clerk's email is agency_clerk@FloridaDEP.gov.

Mediation is not available as an alternative remedy.

Your failure to submit a petition for hearing within 21 days from receipt of this order will constitute a waiver of your right to an administrative hearing, and this order shall become a 'final order'.

Should this order become a final order, a party who is adversely affected by it is entitled to judicial review pursuant to Section 120.68, Florida Statutes. Review proceedings are governed by the Florida Rules of Appellate Procedure. Such proceedings may be commenced by filing one copy of a Notice of Appeal with the Agency Clerk of the Department of Environmental Protection and a second copy, accompanied by the filing fees required by law, with the Court of Appeal in the appropriate District Court. The notice must be filed within 30 days of rendition of the final order.



SEPTIC SYSTEM PERMIT

36-SN-2549746

Application #: AP2063342

CHAPTER 381, FLORIDA STATUTES & 64E-6, FLORIDA ADMINISTRATIVE CODE

Date Issued: 06/11/2024

THIS PERMIT CARD MUST BE POSTED ON SITE

CONSTRUCTION PERMIT FOR:

[X] New System [] Existing System [] Holding Tank [] Innovative Other
[] Repair [] Abandonment [] Temporary [] _____

APPLICANT: (LB Solutions LLC)

PROPERTY STREET ADDRESS: 2320 NW 31st Ter Cape Coral, FL 33993

SEPTIC CONTRACTOR: *LB Solutions LLC

LOT: 5-6 BLOCK: 5104 SUBDIVISION: _____

PROPERTY ID #: 284323C1051040050 [Section/Township/Range/Parcel No.] [OR TAX ID NUMBER]

See System Construction Permit for System Specifications

EXCAVATION INSPECTION APPROVED: ☐ YES ☐ NO BY: _____ DATE: _____

INITIAL INSPECTION

OK TO COVER/DATE: _____

E.H.SPECIALIST: _____

CALL FOR FINAL INSPECTION AFTER:

- ☐ roof is guttered
- ☐ mound is stabilized: 4' shoulder all sides
max. ____:1 slopes, 6"-18" soil cover,
Tank Soil Cap: Max 8"
sod installed over entire mound slope

☐ well is constructed

☐ inlet

☐ _____

CONSTRUCTION NON-COMPLIANCE DATE: _____

REASON(S): _____

E.H.SPECIALIST: _____

FINAL INSPECTION

APPROVAL / DATE: _____

E.H. SPECIALIST: _____

APPROVAL #: _____

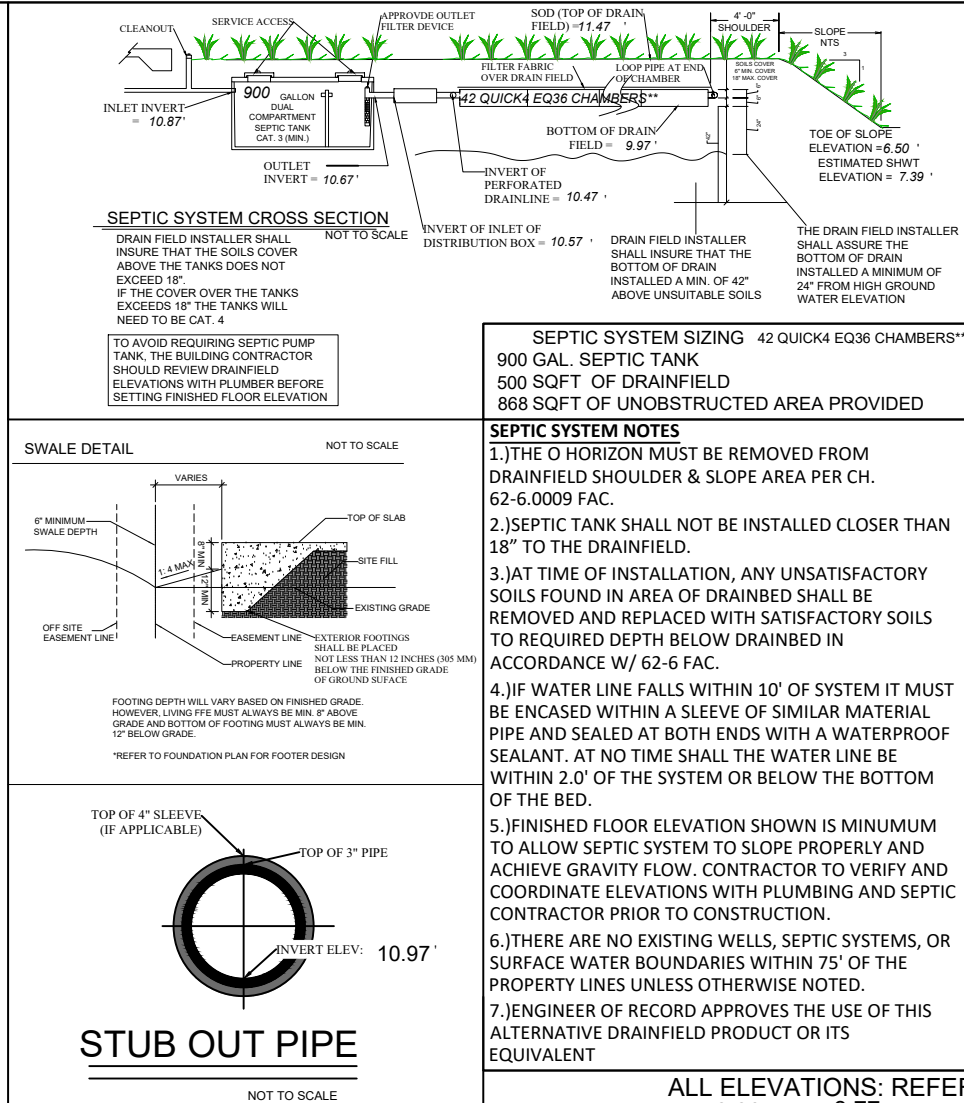
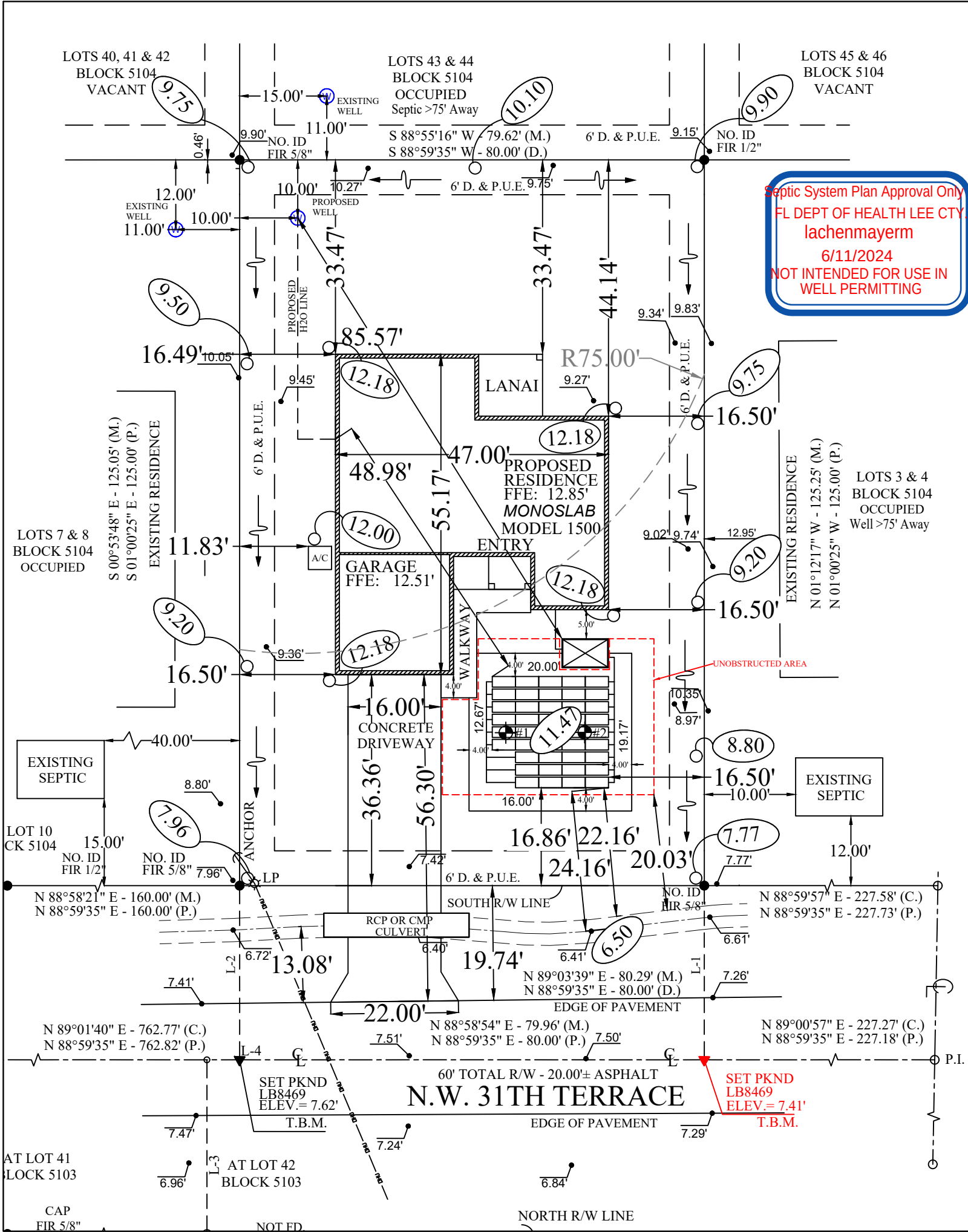
APPROVAL DENIED / DATE: _____

REASON(S): _____

E.H. SPECIALIST: _____

There is a \$75.00 fee for any additional inspections or reinspections after a disapproval

QUESTIONS? 239-690-2100



NOTE: GARAGE FFE SHOWN IS AT THE HIGHEST SLAB ELEVATION. SLAB TO BE SLOPED AS PER CODE.

NOTE: NO OTHER PERTINENT FEATURES WERE FOUND WITHIN REQUIRED SETBACK OTHER THAN THE ONES SHOWN WITHIN 75 FEET OF THE APPLICANT LOT.

ELEVATION NOTE
ELEVATIONS SHOWN REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, (NAVD88 DATUM).

LINE DETAILS:

L-1
N 01°00'25" W - 30.00' (P.)
N 00°32'05" W - 29.94' (M.)

L-2
S 01°00'25" E - 30.00' (P.)
S 01°09'41" E - 30.05' (M.)

L-3
S 01°00'25" E - 30.00' (P.)
S 00°58'41" E - 30.00' (C.)

L-4
N 88°59'35" E - 5.63' (P.)
N 89°50'41" E - 5.58' (C.)

SEPTIC SYSTEM SIZING 42 QUICK4 EQ36 CHAMBERS**
900 GAL. SEPTIC TANK
500 SQFT OF DRAINFIELD
868 SQFT OF UNOBSTRUCTED AREA PROVIDED

SEPTIC SYSTEM NOTES
1.) THE O HORIZON MUST BE REMOVED FROM DRAINFIELD SHOULDER & SLOPE AREA PER CH. 62-6.0009 FAC.
2.) SEPTIC TANK SHALL NOT BE INSTALLED CLOSER THAN 18" TO THE DRAINFIELD.
3.) AT TIME OF INSTALLATION, ANY UNSATISFACTORY SOILS FOUND IN AREA OF DRAINBED SHALL BE REMOVED AND REPLACED WITH SATISFACTORY SOILS TO REQUIRED DEPTH BELOW DRAINBED IN ACCORDANCE W/ 62-6 FAC.
4.) IF WATER LINE FALLS WITHIN 10' OF SYSTEM IT MUST BE ENCASED WITHIN A SLEEVE OF SIMILAR MATERIAL PIPE AND SEALED AT BOTH ENDS WITH A WATERPROOF SEALANT. AT NO TIME SHALL THE WATER LINE BE WITHIN 2.0' OF THE SYSTEM OR BELOW THE BOTTOM OF THE BED.
5.) FINISHED FLOOR ELEVATION SHOWN IS MINIMUM TO ALLOW SEPTIC SYSTEM TO SLOPE PROPERLY AND ACHIEVE GRAVITY FLOW. CONTRACTOR TO VERIFY AND COORDINATE ELEVATIONS WITH PLUMBING AND SEPTIC CONTRACTOR PRIOR TO CONSTRUCTION.
6.) THERE ARE NO EXISTING WELLS, SEPTIC SYSTEMS, OR SURFACE WATER BOUNDARIES WITHIN 75' OF THE PROPERTY LINES UNLESS OTHERWISE NOTED.
7.) ENGINEER OF RECORD APPROVES THE USE OF THIS ALTERNATIVE DRAINFIELD PRODUCT OR ITS EQUIVALENT

SEPTIC SYSTEM CROSS SECTION
NOT TO SCALE
DRAIN FIELD INSTALLER SHALL INSURE THAT THE SOILS COVER ABOVE THE TANKS DOES NOT EXCEED 18". IF THE COVER OVER THE TANKS WILL EXCEEDS 18" THE TANKS WILL NEED TO BE CAT. 4

TO AVOID REQUIRING SEPTIC PUMP TANK, THE BUILDING CONTRACTOR SHOULD REVIEW DRAINFIELD ELEVATIONS WITH PLUMBER BEFORE SETTING FINISHED FLOOR ELEVATION

SWALE DETAIL
NOT TO SCALE
VARIES
6" MINIMUM SWALE DEPTH
1.4 MAX. SLOPE
TOP OF SLAB
SITE FILL
EXISTING GRADE
EASEMENT LINE
PROPERTY LINE
EXTERIOR FOOTINGS SHALL BE PLACED NOT LESS THAN 12 INCHES (305 MM) BELOW THE FINISHED GRADE OF GROUND SURFACE
FOOTING DEPTH WILL VARY BASED ON FINISHED GRADE. HOWEVER, LIVING FFE MUST ALWAYS BE MIN. 8" ABOVE GRADE AND BOTTOM OF FOOTING MUST ALWAYS BE MIN. 12" BELOW GRADE.
*REFER TO FOUNDATION PLAN FOR FOOTER DESIGN

STUB OUT PIPE
NOT TO SCALE
TOP OF 4" SLEEVE (IF APPLICABLE)
TOP OF 3" PIPE
INVERT ELEV.: 10.97'

ALL ELEVATIONS: REFERENCE TO B.M. ELEV.: 7.41 NAVD
1) 8.80 # 2) 8.77 -EXISTING GRADE AT SOIL TEST LOCATION

5.30	-EXISTING WATER TABLE	10.67	-SEPTIC TANK OUTLET INVERT
7.39	-WATER TABLE DURING WETTEST SEASON	10.87	-SEPTIC TANK INLET INVERT
9.97	-BOTTOM OF DRAINFIELD AT LOWEST POINT	10.97	-STUBOUT INVERT
10.47	-INVERT OF PERFORATED DRAIN LINE	12.85	-FINISHED FLOOR ELEVATION
10.57	-INVERT OF INLET OF DISTRIBUTION BOX OR HEADER PIPE	11.47	-FINISHED GRADE OVER DRAINFIELD
		6.50	-FINISHED GRADE AT TOE OF SLOPE

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2320 NW 31ST TER
AK
DATE: 08/19/2024

105.4.1 Permit intent.
A permit issued shall be construed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within 6 months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 6 months after the time the work is commenced.

IMPERVIOUS AREA CALCS.	SYMBOL LEGEND
HOUSE SQ FT: 2077 SQ FT DRIVEWAY: 582 SQ FT WALKWAY: 121 SQ FT POOL AREA: 0 SQ FT PADS: 16 SQ FT TOTAL: 2796 SQ FT LOT SQ FT: 10000 SQ FT IMPERV. AREA: 28%	D.U.E. - DRAINAGE & UTILITY EASEMENT E - ELEVATION PROPOSED X##.# - DENOTES EXISTING ELEVATION W - FLOW DIRECTION W - EXISTING/PROPOSED WELL B - DENOTES SOIL BORING LOCATION

LOT(S): 5 & 6
BLOCK: 5104
SUBDIVISION: CAPE CORAL UNIT 80
PROPERTY ID / STRAP #: 28-43-23-C1-05104.0050
FLOOD ZONE: X

CONTRACTOR:
LB SOLUTIONS LLC

PROJECT ADDRESS:
LB SOLUTIONS LLC
2320 NW 31ST TER
CAPE CORAL, FL, 33993

DRAWN BY: NV/SI
DESIGN DATE: 03/30/2024

PAGE: 1

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PROJECT NO.2405751

CA CERT. #30782