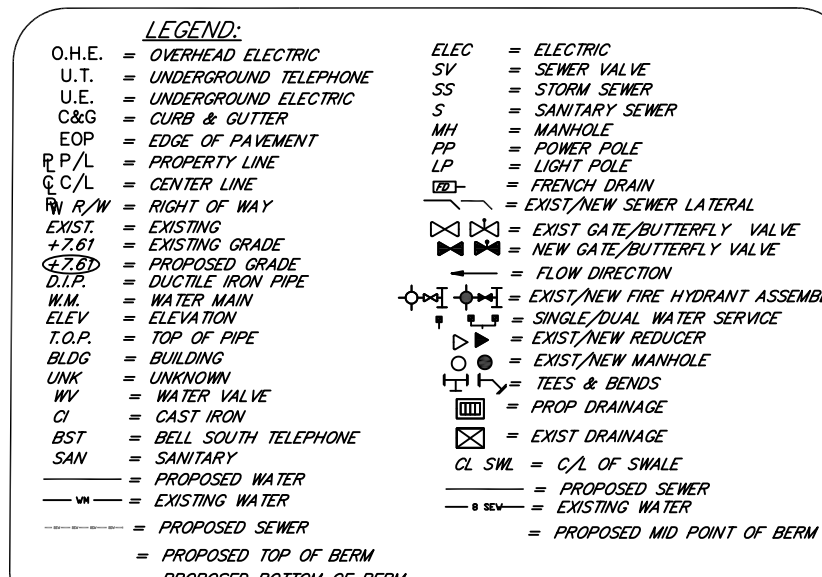
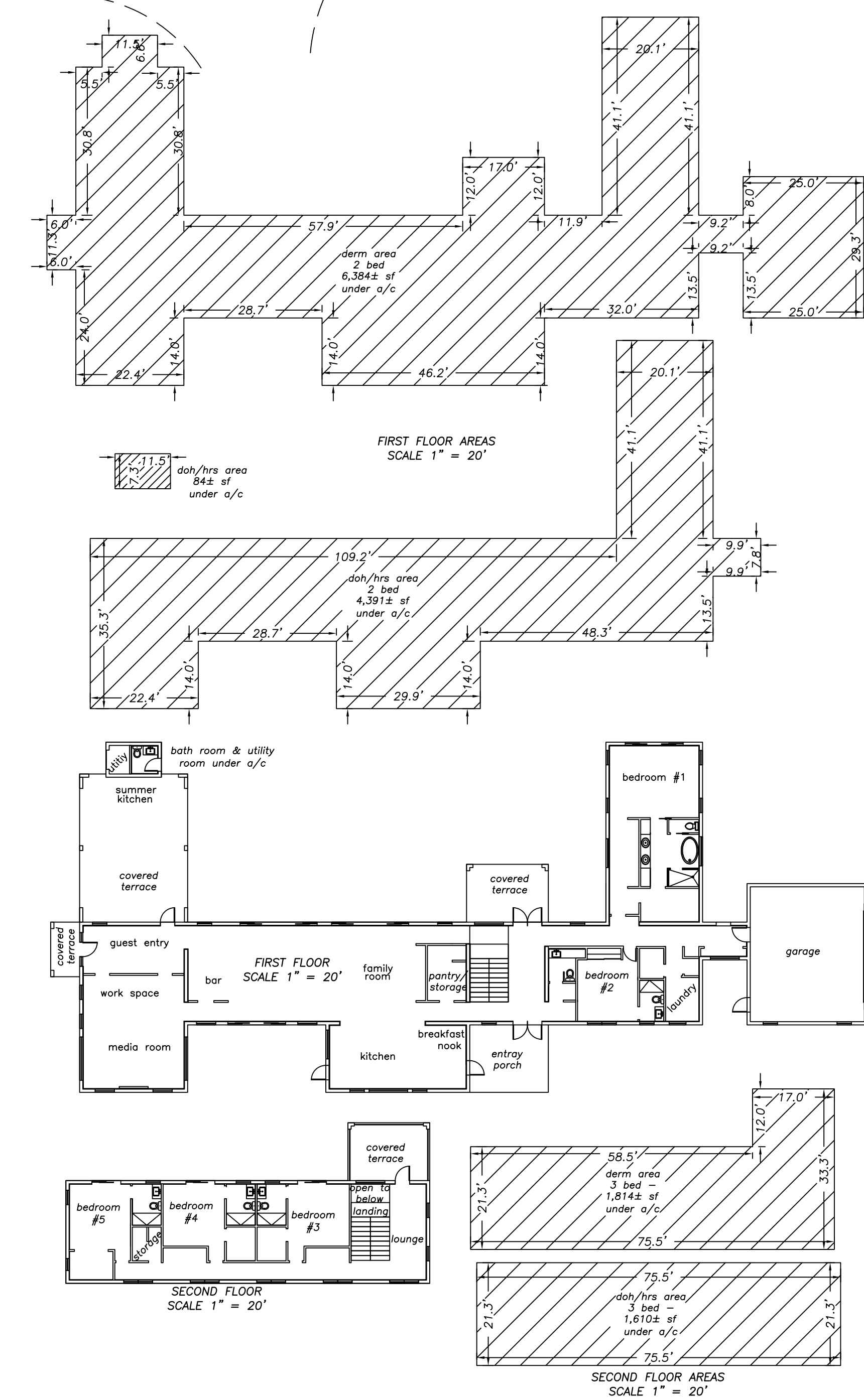




TRENCH SYSTEM CROSS SECTION
N.T.S.

OSTDS CALCULATIONS PER CHAPTER 62-6 F.A.C.

LEAKS PER CHAPTER 62-6 F.A.C.

NET LOT SIZE: 44,900 SQ. Y. = 1.03 ACRES
LAND USE ZONED 101 RESIDENTIAL
NET BUILDING AREA: 6,001 SF UNDER /ACR (5 BED)
NET BUILDING AREA: 6,001 SF UNDER /ACR (5 BED)

SEWAGE FLOW PER CHAPTER 62-6 F.A.C.

1. MAX SEWAGE LOADING ALLOWANCE: 2500 DPGD/ACRE WITH PUBLIC WATER
2. AUTHORIZED SEWAGE FLOW: 1.03c Acres x (2500 DPGD/ACRE) = 2,575 DPGD (NO SMLRE AREA USED)
3. FLOW FROM BUILDING: 100 DPGD/1 BED @ 100 DPGD/1 BEDROOM / BUILDING AREA
SEWAGE FLOW FROM LOT: 100 DPGD/1 BEDROOM OR PER 750 SF OF LOT AREA
4. DPGD PER 1000 SF OF LOT AREA: 100 DPGD/1000 SF BEDROOM OR EACH ADDITIONAL 750 SF
5. TOTAL DPGD FOR SINGLE FAMILY: 640 DPGD
6. TOTAL FLOW FOR SINGLE FAMILY: 640 DPGD

TREATMENT PLAN AND DRAINFIELD CHAPTER 62-6 F.A.C. 62-6

PROPOSED SYSTEM: AQUAKLAK AK501245C & NOWORCO BK2000
MINIMUM TREATMENT CAPACITY: 640 DPGD
DRAINFIELD CONFIGURATION: TRENCH
DRAINFIELD TYPE: 400' x 10' TRENCH
DRAINFIELD MATERIAL: STANDARD SUBSTRATE
MAINTENANCE: 10% LOADING RATE FOR THE PROPOSED DRAINFIELD
0.80 GAL/SF-DAY
DRAINFIELD SIZE: 640 DPGD / 0.80 GAL/SF-DAY = 800 SF

GROUND WATER: DRAINFIELD SEPARATION CHAPTER 62-6 F.A.C. 62-6

EXISTING GRADE ELEVATION AT SEPTIC SYSTEM: +17.90 NVD
SEASONAL HIGH WATER TABLE: 4.40' NVD
DRAINFIELD BOTTOM ELEVATION: +16.20 NVD
SEPARATION BETWEEN SUMP AND BOTTOM OF DRAINFIELD: 146.4 INCHES

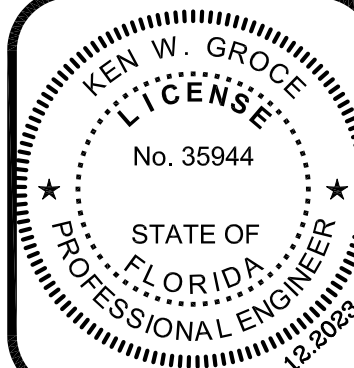
ADDITIONAL SEPTIC SYSTEM DATA CHAPTER 62-6 F.A.C. 62-6

BASIS OF SYSTEM DESIGN: TRENCH PUMP & ATU
REDUCTION NUMBERS ARE BASED ON TESTING OF AK50245C
SEWAGE HIGH WATER TABLE: 4.40' NVD
CHLORINATOR TURNS AFTER THE ATU AND BEFORE THE DRAINFIELD
DRAINFIELD TYPE: 400' x 10' TRENCH
COLIFORM PRIOR TO EFFLUENT FLOW TO DRAINFIELD AREA
TO CONVERT NOVODS DATA TO NAVODS DRAFT SURFACE ELEVATION BY
SUBTRACTING THE 1.5' OF SEWAGE PUMP HEAD FROM THE NOVODS
DATUM AND NOTE THE PLANS AND HEALTH DEPT FORMS ARE IN NOVODS
DATUM

1. No Trees Or Heavy Vegetation Shall Be Installed Of The Drain Field Area.
2. Only Solid Grass Will Be Allowed Over The Drain Field Area.
3. The Proposed On-Site Wastewater Treatment System As Shown On The
4. Plans Shall Not Be Located In A Landscape Area Or On A Slope Or Existing
5. Non-Potable Water, 100 Feet To A Proposed Or Existing Domestic Drinking
6. Water Line Or Closer Than 10 Feet To A Water Service Line, And
7. No Closer Than 10 Feet To A Public Water Main.
8. There Shall Be No Vehicle Parked Or Driven Over The Proposed Drain
9. Field Area.
10. The Proposed Aerobic Treatment Unit (ATU) Tank Shown On The Site Plan
11. Shall Be Located In A Landscape Area Only, If Located In A Traffic Area
12. The Proposed Pump Tank Shown On The Site Plan Shall Be Located In
13. A Landscape Area Only, If Located In A Traffic Area The Pump Tank
14. Shall Be Located In A Landscape Area Only.

CAROL CASTRO RESIDENCE
WATER AND SEWER FACILITIES
SEPTIC PLAN, NOTES & DETAILS
12715 ROLLING ROAD DRIVE
MIAMI, FLORIDA

REVISIONS	
Date	Remarks
By	



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY
KEN W. GROCE P.E. ON THE DATE
10/16/2010 TO THE SEAL

For The Firm By:
KEN W. GROCE, P.E.
FL. Reg. No. 35944
Civil Engineer

Scale: As Shown In Views

Drawn By:	CDS
Checked By:	KWG

Date: 5/15/2003
Project No: 23-26

Sheet:

WS-1 1 OF 1