

SEPTIC SYSTEM SITE LAYOUT PLAN

SCALE: 1" = 50'

SEPTIC SYSTEM:	
DESIGN FLOW:	300 GALLONS PER DAY
SYSTEM DESIGN CRITERIA:	1882 SQ. FT., 3 BEDROOMS
SYSTEM TYPE:	MOUND BED
LOADING FACTOR:	0.6
TANK SIZING:	PROPOSED 900 GALLON DUAL COMPARTMENT SEPTIC TANK & 300 GALLON PUMP TANK BOTH MINIMUM CATEGORY 3
DRAINFIELD SIZE REQUIRED:	300 / 0.6 = 500 SQ. FT.
DRAINFIELD SIZE PROVIDED:	35 ARC 24 CHAMBERS RATED AT 15 SQ. FT./ CHAMBER 35 x 15 = 525 SQ. FT.
UNOBSTRUCTED AREA REQUIRED:	750 SQ. FT.
UNOBSTRUCTED AREA PROVIDED:	750 SQ. FT.

GENERAL NOTES:	
1.	THIS DRAWING IS NOT A SURVEY
2.	THIS DRAWING IS TO BE USED FOR SEPTIC SYSTEM PERMITTING AND INSTALLATION ONLY.
3.	THE CONTRACTOR SHALL ENSURE ALL STRUCTURES MEET ALL SETBACK REQUIREMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
4.	Δ = SEPTIC ELEVATION REFERENCE MARKER
5.	LOT NEARLY LEVEL
6.	NO OFF-SITE FEATURES OTHER THAN SHOWN
7.	SP1 USED FOR ESHWT TO DETERMINE BODF ELEVATION
8.	INSTALL DRAINFIELD AS SHOWN OR AN EQUIVALENT THEREOF
9.	DRAIN FIELD INSTALLER SHALL INSURE THAT THE SOILS COVER ABOVE THE TANKS DOES NOT EXCEED 18". IF THE COVER OVER THE TANKS EXCEEDS 18" THE TANKS WILL NEED TO BE CATEGORY 4.

LEGAL DESCRIPTION:	
W 75FT OF E 150FT OF TR 116	
GOLDEN GATE EST UNIT 78 OR 1116 PG 2377	
COLLIER COUNTY, FLORIDA	
FOLIO # 40749400002	

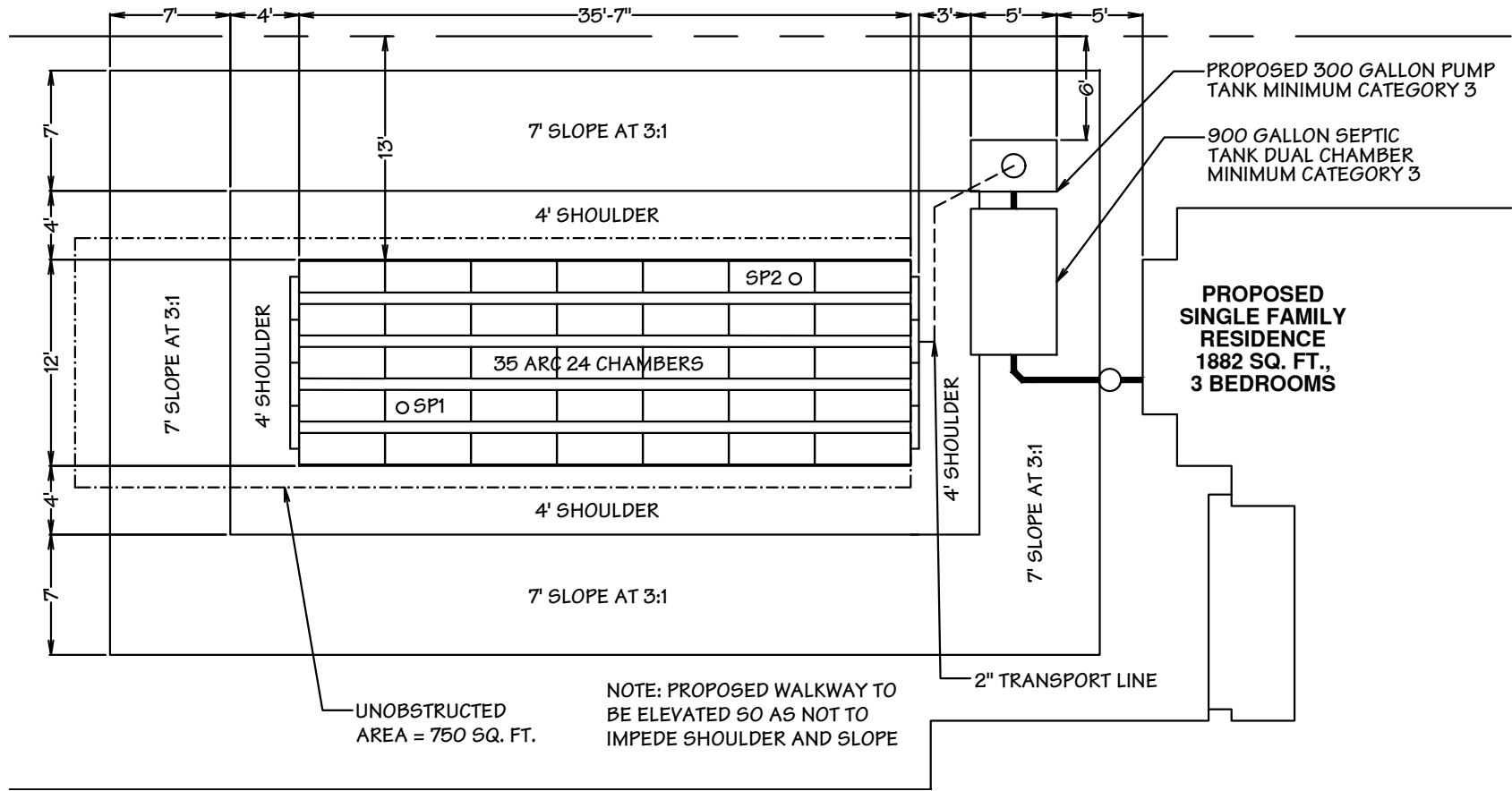
SEPTIC DRAINFIELD FOR:	
NODARSE RESIDENCE	
GOLDEN GATE BLVD E COLLIER COUNTY, FLORIDA 34120	

DATE: 04/18/2022
SCALE: AS SHOWN
FILE #: DDD-22-116
DRAWN BY: JBK & TC

REVISIONS

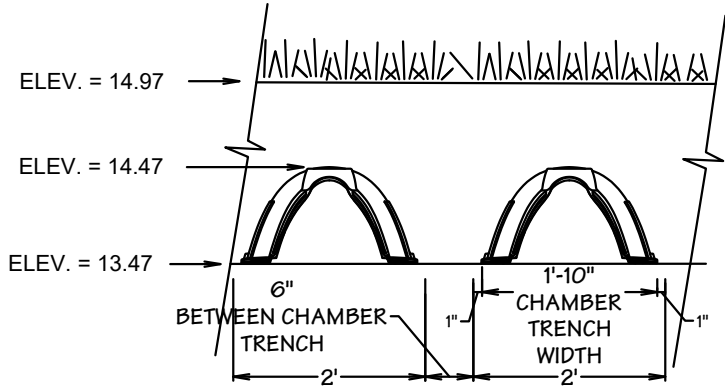
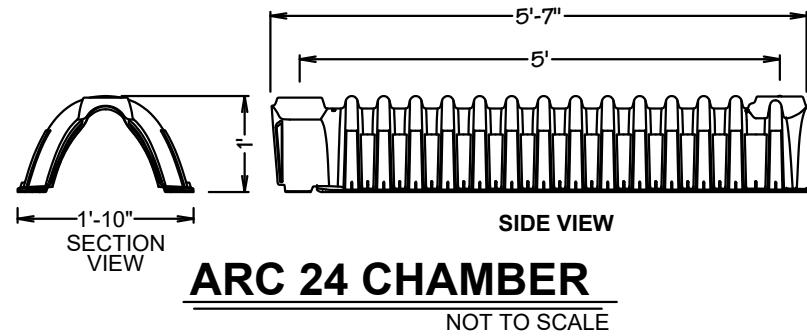
DATE	MARK	REMARKS

DRAINFIELD DESIGN & DENSITY, CORP.	
FLORIDA ENGINEERING BUSINESS #27909 770 22ND STREET S.E. NAPLES, FLORIDA 34117 OFFICE: (239) 963-8791 FAX: (239) 206-4440 E-MAIL dac870@aol.com	
PG 1 OF 2	



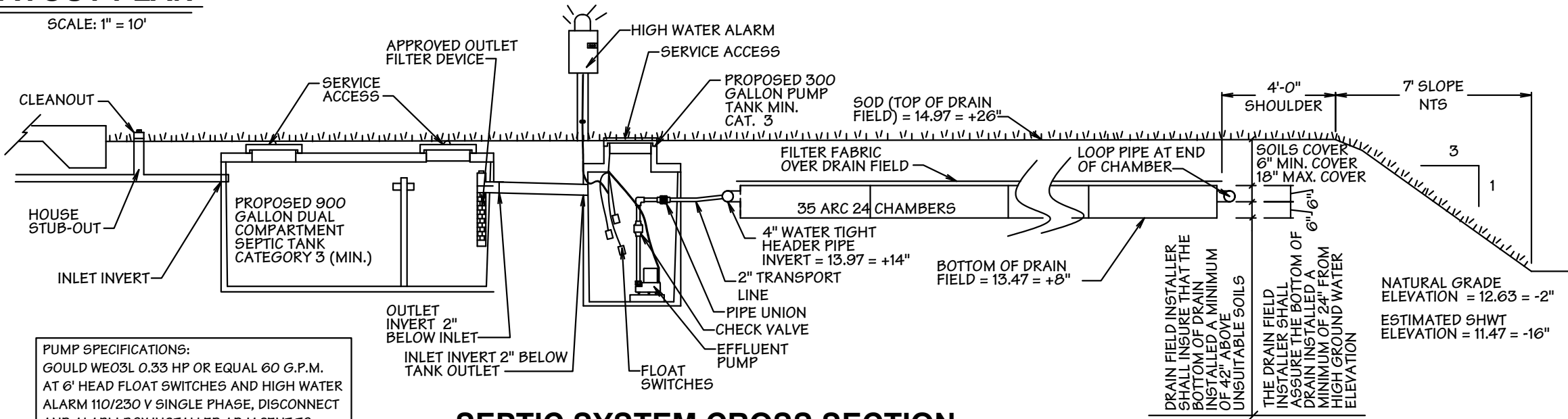
SEPTIC SYSTEM LAYOUT PLAN

SCALE: 1" = 10'



ADS ARC 24 BED LAYOUT

NOT TO SCALE



SEPTIC SYSTEM CROSS SECTION

NOT TO SCALE

DRAIN FIELD INSTALLER SHALL INSURE THAT THE SOILS COVER ABOVE THE TANKS DOES NOT EXCEED 18".

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PUMP SPECIFICATIONS:
GOULD WE03L 0.33 HP OR EQUAL 60 G.P.M.
AT 6' HEAD FLOAT SWITCHES AND HIGH WATER
ALARM 110/230 V SINGLE PHASE, DISCONNECT
AND ALARM BOX INSTALLED ADJACENT TO
PUMP TANK. FLOAT SWITCH SET TO ACTIVATE AT
75 GALLON LEVEL OR 4 TIMES PER DAY

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