

PROPOSED DRAINFIELD

SEPTIC SYSTEM SITE LAYOUT PLAN

SCALE: 1" = 50'

VACANT. NO ADDITIONAL OFF-SITE FEATURES.

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DRAINFIELDS AND WELLS GREATER THAN 75' FROM PROPERTY LINE. NO ADDITIONAL OFF-SITE FEATURES.

EXISTING BORROW PIT DOES NOT HOLD WATER MORE THAN 180 DAYS PER YEAR

SEPTIC SYSTEM:

DESIGN FLOW:	400 GALLONS PER DAY
SYSTEM DESIGN CRITERIA:	1747 SQ. FT., 4 BEDROOMS
SYSTEM TYPE:	MOUND TRENCH
LOADING FACTOR:	0.8
TANK SIZING:	PROPOSED 1050 GALLON DUAL COMPARTMENT SEPTIC TANK MINIMUM CATEGORY 3
DRAINFIELD SIZE REQUIRED:	400 / 0.8 = 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:**
- THIS DRAWING IS NOT A SURVEY
 - THE CONTRACTOR SHALL ENSURE ALL STRUCTURES MEET ALL SETBACK REQUIREMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - Δ = SEPTIC ELEVATION REFERENCE MARKER
 - LOT NEARLY LEVEL
 - NO OFF-SITE FEATURES OTHER THAN SHOWN
 - SP1 USED FOR ESHWT TO DETERMINE BODF ELEVATION
 - INSTALL DRAINFIELD AS SHOWN OR AN EQUIVALENT THEREOF
 - 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 165FT OF TRACT 65
 GOLDEN GATE ESTATES UNIT 39
 COLLIER COUNTY, FLORIDA

FOLIO # 38665600008

SEPTIC DRAINFIELD FOR:

FL STAR CONSTRUCTION LLC

56TH AVENUE NE
 COLLIER COUNTY, FLORIDA 34120

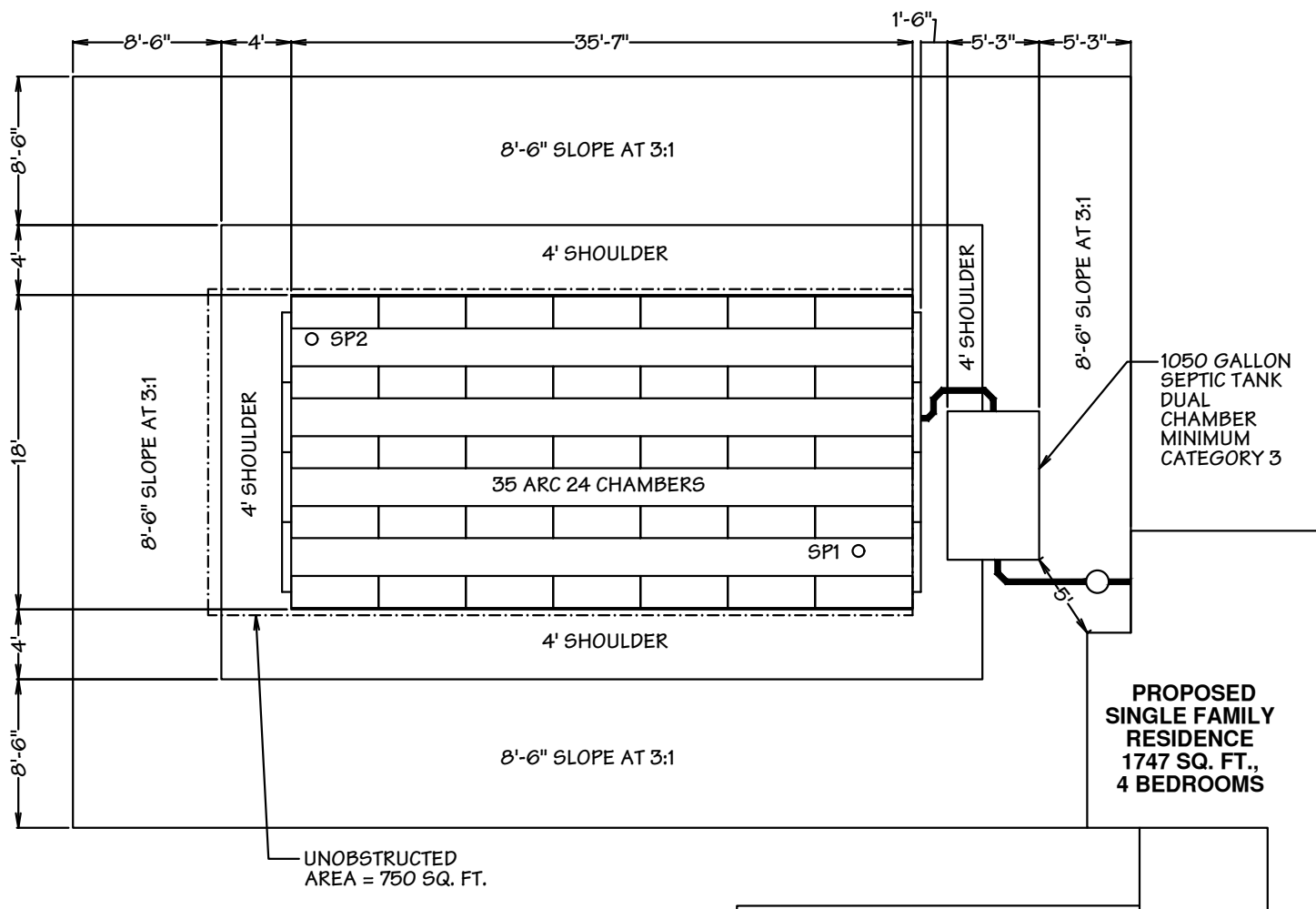
DATE: 03/01/2022
 SCALE: AS SHOWN
 FILE #: DDD-22-067
 DRAWN BY: JBK & TC

REVISIONS

DATE	MARK	REMARKS

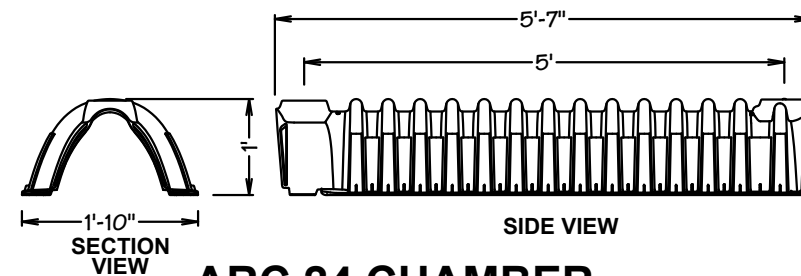
DRAINFIELD DESIGN & DENSITY, CORP.

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



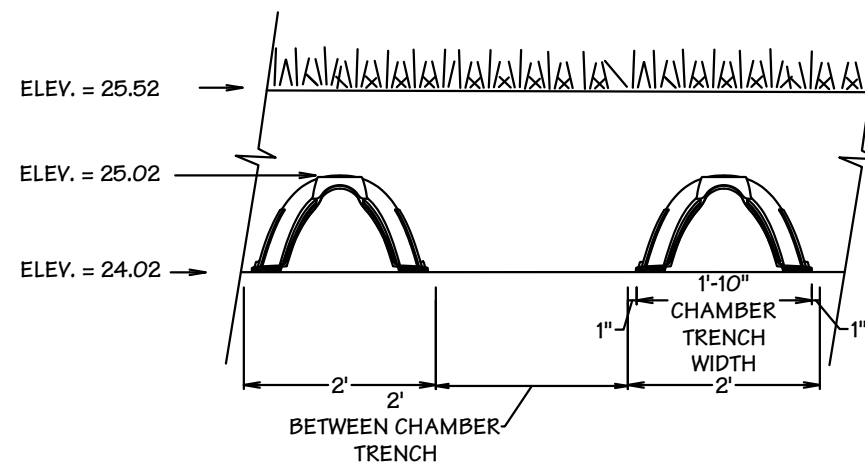
SEPTIC SYSTEM LAYOUT PLAN

SCALE: 1" = 10'



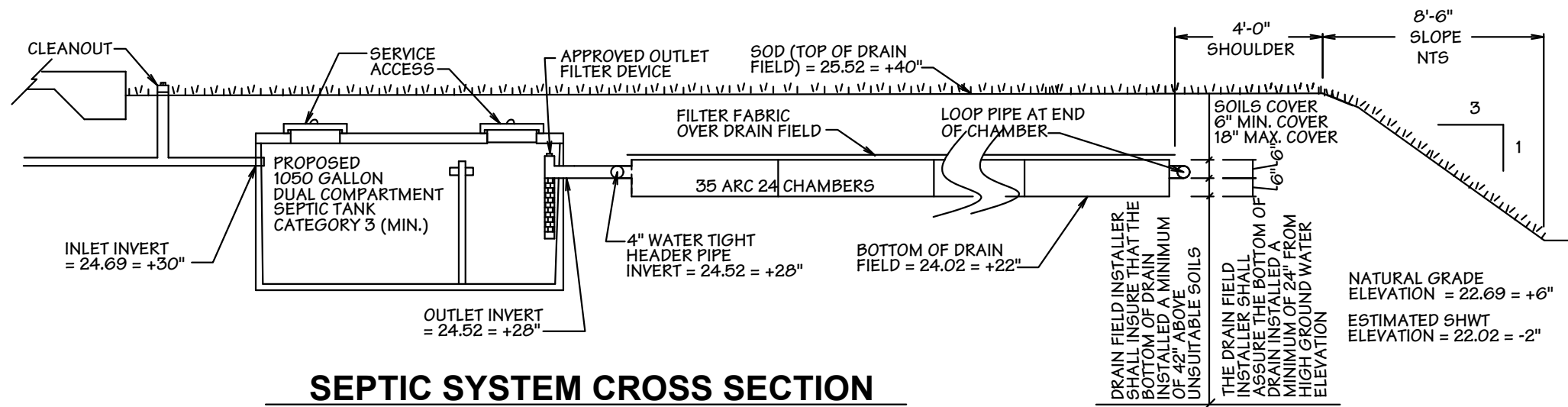
ARC 24 CHAMBER

NOT TO SCALE



ADS ARC 24 TRENCH 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".

IF THE COVER OVER THE TANKS EXCEEDS 18" THE TANKS WILL NEED TO BE CATEGORY 4.

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

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