

WYNN
FOUR (4) BEDROOM SED

STABILIZED PERCOLATION RATE

P1 = 33.6 MPI P2 = F P3 = F P4 = 4.8 MPI P5 = 7.7 MPI P6 = 42.0 MPI

AVERAGE PERCOLATION RATE HOLES 1, 4, 5, 6 = 22 MPI
WASTE WATER APPLICATION RATE = 0.62 GPD/SQFT

1. Wastewater design flow = 525 GPD
2. Stabilized percolation rate = 0.22 MPI
3. Wastewater application rate = 0.62 GPD/SQFT
4. Rock below perforated pipe = Quick 4 High Capacity Infiltrator Chambers
5. Width of trench = 36 INCHES
6. Total Infiltration area per linear feet = 6.6

$$\frac{525 \text{ GPD} \div 0.62 \text{ GPD/SQFT} = 846}{846 \div 6.6 = 128}$$

REQUIRED DISPERSAL FIELD = DUAL FIELDS OF 128 L.F. + 128 L.F.

SOIL PROFILE INSPECTION RESULTS

OWNER: Brian Wynn DATE OF INSPECTION: 10/23/20
ADDRESS: 660 Spring Ave CITY: Morgan Hill
APN: 767-14-002 CONDUCTED BY: VP Const CHECKED BY: Peter Fole

HOLE # 1		HOLE # 2	
0 ft. - Bank Dark Sandy clay		10 ft. - Dark Brown Sandy clay	
2 ft. - fracture			
4 ft. - Change - Dark ss "green stone"		4' - same as #1	
6 ft.			
8 ft. - Increase highly oxidized shale ss" sandy matrix			
10 ft.			
12 ft. - Same - dry			
14 ft. - Same - dry			
16 ft. - 15' Terrestrial No signs swelling or G.W.			
Comments: 47' drop to bank drain from E.P.		16' Terrestrial 48' drop to bank drain from E.P. #1	

Wynn

1. Install a new 1500-gallon Chapin Precast Pinnacle Septic tank Model IPS 1500 with Orenco riser adapters and and effluent filter cartridge Model PL-68 on the outlet..
2. The top of the tank shall be installed within 6-inches of the ground surface with manhole risers extending to surface with gas tight bolt down lids.
3. The septic tank shall be water tested and witnessed by DEH. The tank shall be filled with water to a minimum of 2-inches above the riser joint with risers sealed in place.
4. Install a Bull Run Diversion Valve within 6 -8 feet of the septic tank.
5. Connect each out to the dispersal trench as shown.
6. Install a dual dispersal field consisting of two (2) equal sections of 128 linear feet as shown.
7. Quick 4 High Capacity Infiltrator Chambers shall be installed in each trench
8. Trenches shall be installed on slope and connected by 4-inch PVC pipe as shown. (See detail)
9. Trenches shall be 36 inches wide and not to exceed 5 feet in depth.
10. Trenches shall be spaced as indicated on plan as measured from center to center.
11. Install an Inspection Port at the end of each trench as shown.
12. Inspection risers shall be enclosed within an Irrigation Box to grade to avoid damage.
13. No portion of the OWTs shall be within 25 feet from top of ditch bank.
14. No portion of the OWTs shall be within 100 feet of a well.



1/23/2020 2:51pm
FOR PLANCHECK ONLY



REGISTERED PROFESSIONAL ENGINEER
WILLAM J. McCLINTOCK
No. 24893
EXP. 12-31-2021
STATE OF CALIFORNIA

FOR PLANCHECK ONLY

OWTS

PLOT PLAN

Applicant/Owner:

Brannon Wynn
680 Spring Avenue
Morgan Hill, CA 95037
831.801.7905

Engineer:

William J. McClintock, RCE 24893
MH Engineering
16075 Vineyard Blvd.
Morgan Hill, CA 95037
408.779.7381
billm@mhengineering.com

Project Information:

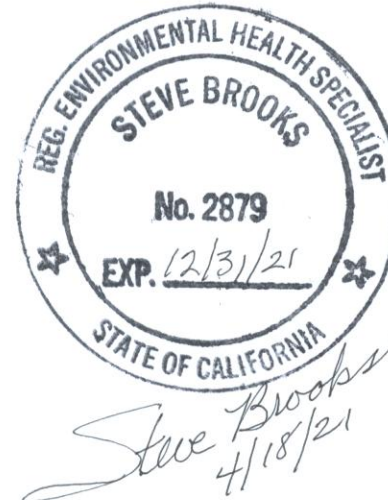
APN 767-14-002	
Present Use:	Residential
Present Zoning:	HS
Sanitary Sewer:	Existing On-Site System
Gas and Electric:	PG&E
Water:	Existing well
Telephone:	
Existing Improvements:	As Shown
Area:	1.38 ac

Boundary Note: Property lines shown on this plan are based on record data and boundary monumentation measured to date.

Flood Zone: The property lies wholly in Zone D, areas in which flood hazards are undetermined, but possible, per FEMA Firm Panel 06085C0606H, effective May 18, 2009.

Basis of Bearings: The bearings shown on this map are based on the centerline of Spring Avenue as found monumented and recorded as North 65° 31' 00" East, on that Map thereof recorded in Book H of Maps at Page 64, Santa Clara County Records.

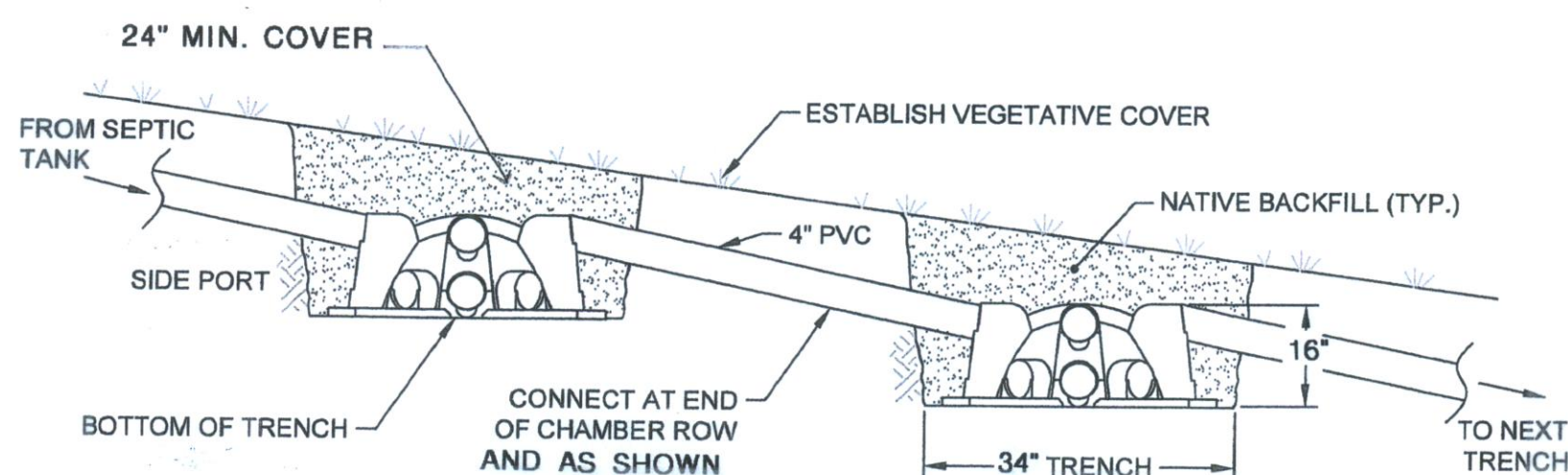
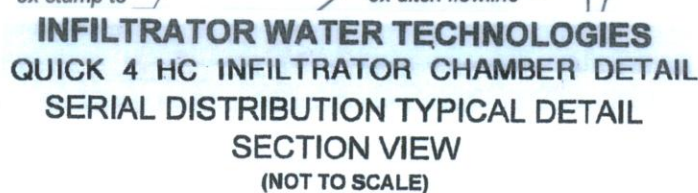
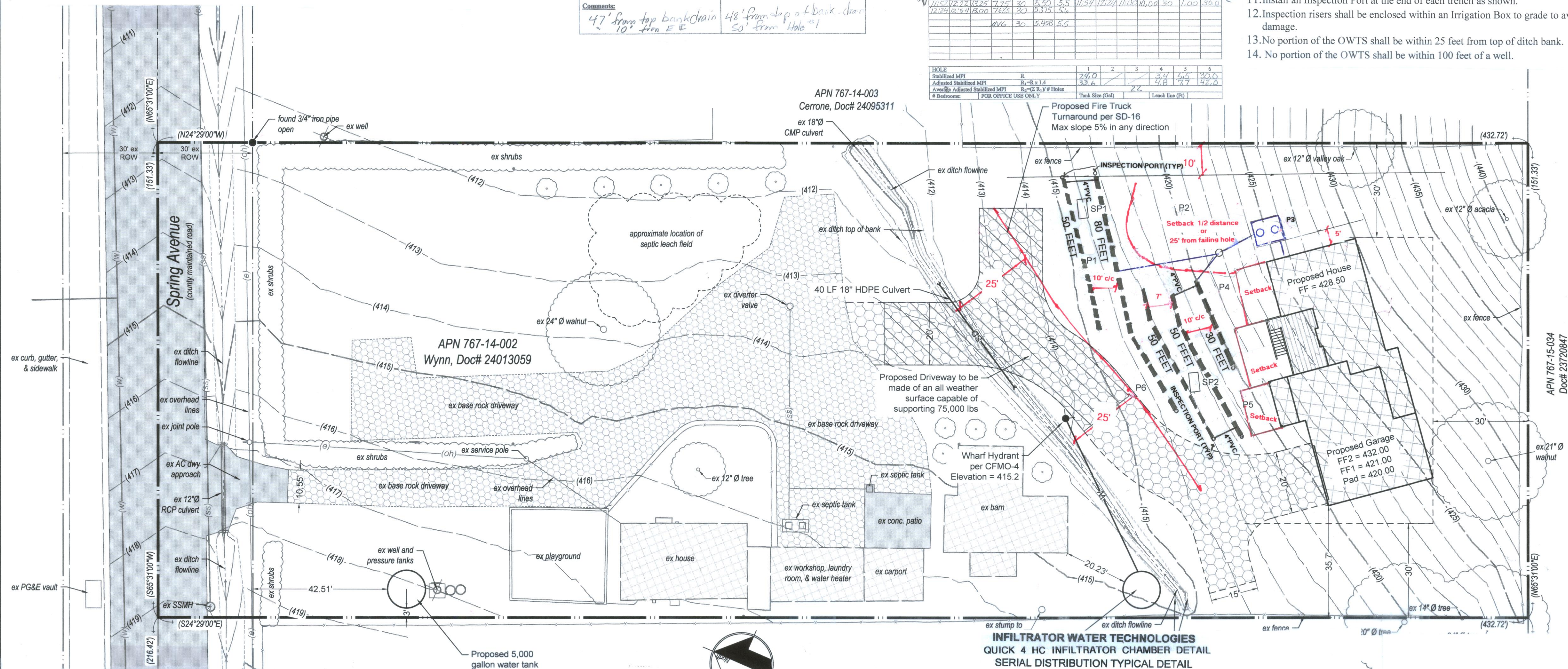
Benchmark: Elevations shown on this plan are based on field survey using GPS. (NAVD88)



MH engineering Co.
16075 Vineyard Boulevard
Morgan Hill CA 95037

Wynn - Site Plan
680 Spring Avenue - APN 761-14-002

DATE: 11/23/2020
SCALE: 1" = 20'
DRAWN BY: DF
CHECKED BY: NLM



**QUICK4 HIGH CAPACITY
CHAMBERS
INSPECTION PORT
TYPICAL INSTALLATION DETAIL**
(Not to Scale)

