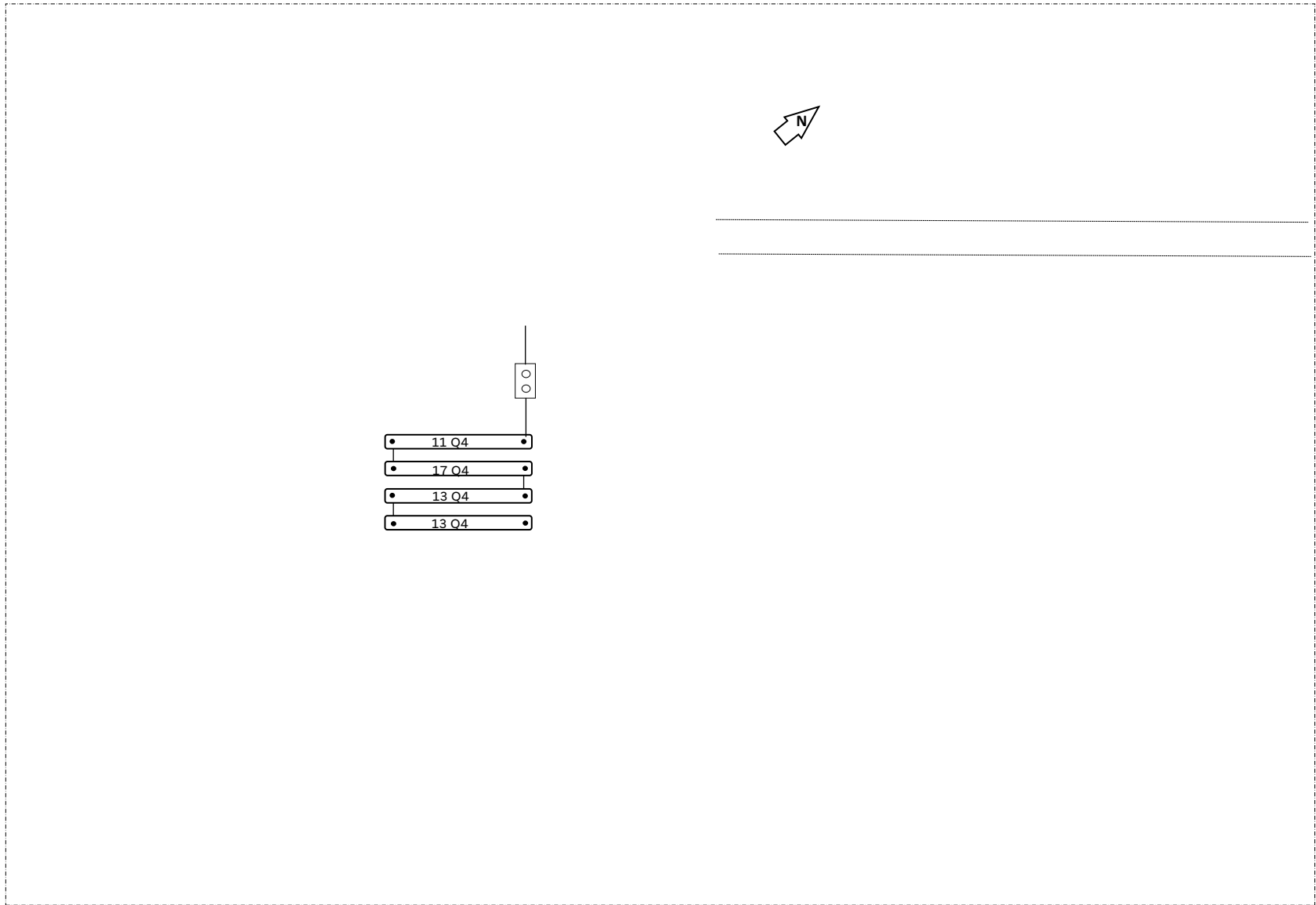




Onsite Wastewater Treatment System
Conventional Final Inspection

Permit: New		Final Approval Date: 11.14.2019		Specialist: Chelsea Stevens	
System Permit Information					
OWTS Address: 3920 S Enoch Rd, Colorado Springs CO 80930					
Record ID: ON0050195		Schedule #: 4502001018		Treatment Level: TL1	
No. Bedrooms: 3		Water Supply: Well		Use: Residential	
Supplier/GPS Location: not installed at time of inspection					
Approval will be revoked if in the future any well is found to be within 50 feet of the septic tank and/or 100 feet of the soil treatment area.					
Minimum System Requirements					
Soil					
Type: 2A		LTAR: 0.5		Groundwater: NONE	
				Bedrock: NONE	
Tank					
Capacity (gal): 1000			Pump Tank (gal): NA		
Soil Treatment Area					
Sq Ft (10-1): 900		Sq Ft (10-2): 900		Sq Ft (10-3): 630	
				Sq Ft (DV): NA	
System Installation Record					
Installation Inspection Date: 11.14.2019			Installer: Homeowner		
Tank					
GPS Location: NA			Type: New Poly		
Capacity (gal): 1060		Effluent Filter: Yes		Riser Height: Not taken	
Pump Tank					
Type: NA		Capacity (gal): NA		Riser Height: NA	
Pump Type: NA		Gallon/Dose: NA		Audio/Visual Alarm: NA	
Soil Treatment Area					
GPS Location: NA			Total Sq Ft Installed: 648		
Distribution: Gravity			Configuration: Trench		
Dist. Area Depth: 36"		Dist. Area Length: 68'		Dist. Area Width: 34'	
Dist. Media: Chambers		Media Type: Q4LP chamber (12 sq ft)		Total Installed: 54 Chambers	
Additional Notes					
OWTS installed with no construction or connection of the home. Connection of a structure will require an additional permit.					



Attn: DEAN AND DAWN JOHNSON
3920 S ENOCH RD
COLORADO SPRINGS, CO 80930

Notify Environmental Health of any change of ownership, type of business activity, business name, or billing address by calling (719) 578-3199. Failure to notify Environmental Health may result in late penalties, Permit/License denial or revocation, and business closure. PERMITS/LICENSES TO OPERATE AND ANNUAL FEE PAYMENTS ARE NOT TRANSFERABLE. Permits become void on change of ownership. New owners must apply and pay for a new Permit(s)/License(s) prior to beginning operation.



EL PASO COUNTY PUBLIC HEALTH
ENVIRONMENTAL HEALTH DIVISION
1675 W. GARDEN OF THE GODS ROAD, SUITE 2044
COLORADO SPRINGS, CO 80907
PHONE: (719) 578-3199 FAX: (719) 578-3188
www.elpasocountyhealth.org

NEW SYSTEM PERMIT - OWTS

Valid From 9/30/2021 To 9/30/2022

PERMITEE :

DEAN AND DAWN JOHNSON
3920 S ENOCH RD
COLORADO SPRINGS, CO 80930

Onsite ID: ON0050195

Tax Schedule # : 4502001018

Permit Issue Date: 09/30/2021

Dwelling Type: RESIDENTIAL

of Bedrooms (if Res): 3

Proposed Use (if Comm):

Designed Gallons/Day:

Water Source: PRIVATE WELL

System Installation Requirements:

- PERMIT RENEWAL WITH NO CHANGES 9.29.2021
- PERMIT RENEWAL WITH NO CHANGES 9.4.2020
- A Conventional non-engineered OWTS system to be installed on site, requiring a minimum of Tier I licensed installer to be named prior to final approval.
- System installation includes gravity fed system to chamber in trenches, max installation depth of 48". Minimum tank requirements 1000 gallon and 630 sq ft of soil treatment area (53 Q4 / 42 Arc 36 chambers required).
- The system must be installed per approved design document signed and dated 09.16.2019, changes to the approved design document must be submitted and approved by Public Health prior to installation.
- All horizontal setbacks must be maintained through system installation. In addition system must remain completely uncovered, including the tank size, for final inspection.
- The well must be installed at time of final inspection, or final approval will not be given until well installation is verified.
- Ensure that all work is completed prior to contacting and requesting final line for inspection, otherwise additional fees may be incurred

This permit is issued in accordance with 25-10-106 Colorado Revised Statutes. The PERMIT EXPIRES upon completion/installation of the Onsite Wastewater Treatment System, or at the end of twelve (12) months from date of issue, whichever occurs first. If both a Building Permit and an Onsite Wastewater Treatment System Permit are issued for the same property and construction has not commenced prior to the expiration date of the Building Permit, the Onsite Wastewater Permit shall expire at the same time as the Building Permit. This permit is revocable if all stated requirements are not met. The Onsite Wastewater Treatment System must be installed by an El Paso County Licensed System Contractor, or the property owner.

The Health Officer shall assume no responsibility in case of failure or inadequacy of an Onsite Wastewater Treatment System, beyond consulting in good faith with the property owner or representative. Access to the property shall be authorized at reasonable time for the purpose of making such inspections as are necessary to determine compliance with the requirements of this law (permit).


Attn: DEAN AND DAWN JOHNSON
3920 S ENOCH RD
COLORADO SPRINGS, CO 80930

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**EL PASO COUNTY PUBLIC HEALTH
ENVIRONMENTAL HEALTH DIVISION**
1675 W. GARDEN OF THE GODS ROAD, SUITE 2044
COLORADO SPRINGS, CO 80907
PHONE: (719) 578-3199 FAX: (719) 578-3188
www.elpasocountyhealth.org

Inspection request line: Call (719) 575-8699 before 3:00 p.m. the business day prior to the requested inspection date.



Authorized By: Environmental Health Specialist

Attn: DEAN AND DAWN JOHNSON
3920 S ENOCH RD
COLORADO SPRINGS, CO 80930

Notify Environmental Health of any change of ownership, type of business activity, business name, or billing address by calling (719) 578-3199. Failure to notify Environmental Health may result in late penalties, Permit/License denial or revocation, and business closure. PERMITS/LICENSES TO OPERATE AND ANNUAL FEE PAYMENTS ARE NOT TRANSFERABLE. Permits become void on change of ownership. New owners must apply and pay for a new Permit(s)/License(s) prior to beginning operation.



EL PASO COUNTY PUBLIC HEALTH
ENVIRONMENTAL HEALTH DIVISION
1675 W. GARDEN OF THE GODS ROAD, SUITE 2044
COLORADO SPRINGS, CO 80907
PHONE: (719) 578-3199 FAX: (719) 578-3188
www.elpasocountyhealth.org

NEW SYSTEM PERMIT - OWTS

Valid From 9/4/2020 To 9/4/2021

PERMITEE :

DEAN AND DAWN JOHNSON
3920 S ENOCH RD
COLORADO SPRINGS, CO 80930

Onsite ID: ON0050195

Tax Schedule # : 4502001018

Permit Issue Date: 09/17/2020

Dwelling Type: RESIDENTIAL

OWNER NAME :

DEAN AND DAWN JOHNSON

of Bedrooms (if Res): 3

Proposed Use (if Comm):

Designed Gallons/Day:

Water Source: PRIVATE WELL

System Installation Requirements:

- PERMIT RENEWAL WITH NO CHANGES
- A Conventional non-engineered OWTS system to be installed on site, requiring a minimum of Tier I licensed installer to be named prior to final approval.
- System installation includes gravity fed system to chamber in trenches, max installation depth of 48". Minimum tank requirements 1000 gallon and 630 sq ft of soil treatment area (53 Q4 / 42 Arc 36 chambers required).
- The system must be installed per approved design document signed and dated 09.16.2019, changes to the approved design document must be submitted and approved by Public Health prior to installation.
- All horizontal setbacks must be maintained through system installation. In addition system must remain completely uncovered, including the tank size, for final inspection.
- The well must be installed at time of final inspection, or final approval will not be given until well installation is verified.
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Attn: DEAN AND DAWN JOHNSON
3920 S ENOCH RD
COLORADO SPRINGS, CO 80930

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**EL PASO COUNTY PUBLIC HEALTH
ENVIRONMENTAL HEALTH DIVISION**
1675 W. GARDEN OF THE GODS ROAD, SUITE 2044
COLORADO SPRINGS, CO 80907
PHONE: (719) 578-3199 FAX: (719) 578-3188
www.elpasocountyhealth.org

This permit is issued in accordance with 25-10-106 Colorado Revised Statutes. The PERMIT EXPIRES upon completion/installation of the Onsite Wastewater Treatment System, or at the end of twelve (12) months from date of issue, whichever occurs first. If both a Building Permit and an Onsite Wastewater Treatment System Permit are issued for the same property and construction has not commenced prior to the expiration date of the Building Permit, the Onsite Wastewater Permit shall expire at the same time as the Building Permit. This permit is revocable if all stated requirements are not met. The Onsite Wastewater Treatment System must be installed by an El Paso County Licensed System Contractor, or the property owner.

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Inspection request line: Call (719) 575-8699 before 3:30 p.m. the business day prior to the requested inspection date.



Authorized By: Environmental Health Specialist

Partial

- Connection to house.
- well installation.

Notify Environmental Health of any change of ownership, type of business activity, business name, or billing address by calling (719) 578-3199. Failure to notify Environmental Health may result in late penalties, Permit/License denial or revocation, and business closure. PERMITS/LICENSES TO OPERATE AND ANNUAL FEE PAYMENTS ARE NOT TRANSFERABLE. Permits become void on change of ownership. New owners must apply and pay for a new Permit(s)/License(s) prior to beginning operation.

**EL PASO COUNTY PUBLIC HEALTH
ENVIRONMENTAL HEALTH DIVISION**
1000 N. OF THE GODS ROAD, SUITE 2044
COLORADO SPRINGS, CO 80907
(719) 578-3199 FAX: (719) 578-3188
elpasocountyhealth.org

NEW SYSTEM PERMIT - OWTS

Valid From 9/17/2019 To 9/17/2020

PERMITEE :

DEAN AND DAWN JOHNSON
3920 S ENOCH RD
COLORADO SPRINGS, CO 80930

Onsite ID: ON0050195

Tax Schedule #: 4502001018

Permit Issue Date: 09/17/2019

Dwelling Type: RESIDENTIAL

of Bedrooms (if Res): 3

Proposed Use (if Comm):

Designed Gallons/Day:

Water Source: PRIVATE WELL

OWNER NAME :

DEAN AND DAWN JOHNSON

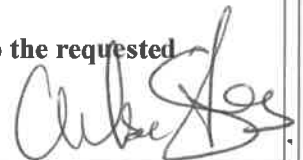
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Inspection request line: Call (719) 575-8699 before 3:30 p.m. the business day prior to the requested inspection date.



SR0012536 AR0016541 ON0050195

APPLICATION FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT

Property Information:

Property Address: 3920 S. ENCH RD. City and Zip: COLORADO SPRINGS 80930
 Legal Description: LOT 8 EDWARDS SUBDIVISION FILING NUMBER 4
 Tax Schedule #: 4502001018 Lot size: 5.1

Is the property gated: ☐ Yes ☒ No Please provide a gate code if necessary: _____
 Site Located Inside City Limits: ☒ Yes ☐ No Proposed Use: ☒ Residential ☐ Commercial
 Water Supply: ☒ Well ☐ Cistern ☐ Municipal Potential Number of Bedrooms: 3
 Has a Conditional Acceptance Document been issued for this property: ☒ Yes ☐ No ☐ Unsure

Owner Information:

☒ Primary Contact
 Owner: DAWN JOHNSON + DAWN JOHNSON Daytime Phone: 918-519-3793
 Owners Mailing Address: 3605 PEDRIA AVE. BEGGS, OK. 74421
 Email Address: GRANITEGUYONE@GMAIL.COM Fax #: _____
 General Contractor: _____ Phone/Email: _____

OWTS Installer Information:

☐ Primary Contact
 System Installer: (SELF) Daytime Phone: _____
 Email Address: _____ Licensed installer: ☐ Tier 1 ☐ Tier 2

All engineer-design systems must be installed by a Tier 2 licensed installer

CURRENT FEES AS APPROVED BY THE EL PASO COUNTY BOARD OF HEALTH

All payments are due at the time of application submittal; by cash, check or major credit card (Visa / MC)

- ☒ **New Permit:** \$750.00 (EPCPH Charge) + \$147.00 (EPC Planning Dept. Surcharge) + \$23.00 (CDPHE Surcharge) = **\$920.00**
☐ **Major Repair Permit:** \$535.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = **\$558.00**
☐ **Minor Repair Permit:** \$245.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = **\$268.00**

Permits expire one year from date of issuance, unless otherwise noted

REQUIRED: Provide a complete written scope of work to be performed on the property.

WILL INSTALL APPROX. 34' SDA 35 PVC WITH CLEANOUT WITHIN 5' FROM HOUSE;
 SEPTIC TANK TO BE SET 5' DEEP WITH MANHOLE FLUSH TO TOP OF GRADED BURN
 FOR WATER RUNOFF 25' FROM HOUSE; TANK TO BE 6' FROM (STA) WITH 5' MINIMUM
 PROPERLY SUPPORTED TO PREVENT FAILURE (SAME FOR INLET); CONNECTING TANK TO (STA)
 WITH SDA 35 PVC TO 4-53' TRENCHES WITH 3' X 63" CHAMBERS; TRENCH LINES
 TO BE SCARIFIED 12" BELOW LEVEL + RAKED FOR BETTER ABSORPTION; WILL PLACE CHAMBERS
 24" DOWN AND INSTALL INSPECTION PORTS @ EACH END OF TRENCH; 2 LAYERS OF WEED BLOCK;

The following documents MUST be included with your application.

- A soils report: including at least 1 soil profile excavation pit, in accordance with section 8.5 A-F of OWTS regulations
- A clear and legible design document: including the proposed and alternate locations, as well as system layout, labeled with all setbacks to pertinent structures and features in table 7-1.
- Provide directions to property, from a main highway, on the back side of application.

BACKFILLED 12" ON TOP + GRADED FOR WATER RUNOFF; ALL PIPE TO BE PRIMERED + CURED
 WITH 1/4" DAP PER FOOT.
 Failure to provide the above listed documents may result in denial of the permit application

I certify that the information provided on this application is in compliance with Section 8.3, Chapter 8 of the On-site Wastewater System (OWS) Regulations of the El Paso County Board of Health. I also authorize the assigned representative of El Paso County Public Health to enter onto this property in order to obtain information necessary for the issuance of a permit.

Applicant Signature: _____

Date: 9-11-19

3920 S. ENOCH RD.
COLORADO SPRINGS CO.
80930

- Property address or lot number must be clearly marked and visible from the road.
- Profile excavation test pit and/or soil profile holes must be clearly marked
- Proposed and alternate soil treatment areas must be protected from compaction and disturbance
- Locked gates require the gate code or lock combination be provided on front of application
- Please provide directions to the property from a main highway, by text or picture, below.

HIGHWAY 94 EAST TO CURTIS RD - SOUTH ON
CURTIS RD TO BOOK DR - EAST ON BOOK DR.
TO ENOCH RD - SOUTH ON ENOCH RD TO 3920
ON RIGHT

Failure to comply with the above information may result in an additional charge for a return trip.

Permit #:	Site Inspection date: 9-16-19		
Date Approvals Rcvd: Development Services:	9-16-19	Floodplain/enumerations:	9-17-19
Design: <input checked="" type="checkbox"/> Conventional <input type="checkbox"/> Engineer	Design Engineer:		
Engineer Job #:	Engineer Date Stamped: 9-16-19		
LTAR/Soil Type: 0.5/24	Groundwater: / PP1/ /	PP2 Bedrock: /	PP1/ / PP2
Minimum Requirements: Tank Capacity: 1,000	Soil Treatment Area: 630		
System Feed: <input checked="" type="checkbox"/> Gravity <input type="checkbox"/> Pump to Gravity <input type="checkbox"/> Pressure Dosed <input type="checkbox"/> Other:			
System Media: <input checked="" type="checkbox"/> Chambers <input type="checkbox"/> Rock and Pipe <input type="checkbox"/> Other	Soil Treatment Area: <input checked="" type="checkbox"/> Trenches <input type="checkbox"/> Bed		
Additional Comments: 450/0.5 = 900 (1.0) = 900 (0.7) = 630 53 Q4 or 42 Arc 36			
E.H. Specialist: <u>Calden Jones</u>	Date: 9-16-19	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	



6825 Silver Ponds Heights #101
Colorado Springs, CO 80908
(719) 481-4560

PROFILE PIT EVALUATION

FOR

DEAN JOHNSON

JOB #18-0818

Lot #8, Filing #4,
3920 Enoch Road,
Edwards Subdivision,
El Paso County,
Colorado

Sincerely,


Charles E. Milligan, P.E.
Civil Engineer



PROFILE PIT FINDINGS

Enclosed are the results of the profile pit for the septic system to be installed at **Lot #8, Filing #4, Edwards Subdivision, 3920 Enoch Road, El Paso County, Colorado**. The location of the test pit was determined by Dean Johnson. The residence will not be on a public water system. The number of bedrooms in the design for the residence is unknown. Due to the natural slope of the property, the entire system will feed to the south at approximately 3% at least 20 feet. All applicable portions of the El Paso County Health Department Onsite Wastewater Treatment System Regulations (OWTS) must be complied with for the installation of the treatment system.

The inspection was performed on August 27, 2018, in accordance with Table 10-1 of the **E.P.C.P.H. OWTS Regulations**.

Soil Profile #1:

- 0 to 6" - Topsoil- loam, organic composition.
- 6" to 67" - USDA soil texture sandy loam, soil type 2A, structure shape granular, structure grade 1, non-cemented, LTAR 0.50, light yellowish brown in color, 10 YR 6/4.
- 67" to 8' - USDA soil texture sandy loam, soil type 2, structure shape granular, structure grade 1, non-cemented, LTAR 0.60, brownish yellow in color, 10 YR 6/6.

Soil Profile #2:

- 0 to 6" - Topsoil- loam, organic composition.
- 6" to 64" - USDA soil texture sandy loam, soil type 2A, structure shape granular, structure grade 1, non-cemented, LTAR 0.50, light yellowish brown in color, 10 YR 6/4.
- 64" to 8' - USDA soil texture sandy loam, soil type 2, structure shape granular, structure grade 1, non-cemented, LTAR 0.60, brownish yellow in color, 10 YR 6/6.

No water was encountered during the inspection. Bedrock was not encountered during the inspection. No known wells were observed within 100 feet of the proposed system. **All setbacks shall conform to county regulations.**

Due to encountering USDA soils type 2A, the septic system to be installed on this site need not be designed by a Colorado Licensed Engineer. A conventional septic system is approved for this site. Based on the observed conditions, we feel a design based on an LTAR of 0.50 GPD/SF (USDA 2A, treatment soil, treatment level 1) is reasonable. Maximum depth of the installation shall be not deeper than 4 feet below the existing grade.

If during construction of the field itself, subsurface conditions change considerably or if the location of the proposed field changes, this office shall be notified to determine whether the conditions are adequate for the system as designed or whether a new system needs to be designed.

Weather conditions at the time of the test consisted of clear skies with hot temperatures.

9-16-19 CQ

PROFILE PIT LOG - Profile Pit #1

JOB#: 18-0818

DATE EVALUATED: 27 Aug 2018

EQUIPMENT USED: MINI-EXCAVATOR

0"-6" TOPSOIL

Loam

Organic Composition

6"- 67" Sand

Fine-coarse Grained

Moderate Density

Low-moderate Moisture Content

Low-moderate Clay Content

Low-moderate Cohesion

Low-moderate Plasticity

Light Yellowish Brown Color

10YR 6/4

USDA Soil Texture: Sandy Loam

USDA Soil Type: 2A

USDA Structure Shape: Granular

USDA Structure Grade: 1

Cementation Class: Non-cemented

Long Term Acceptance Rate (LTAR, Treatment Level 1): 0.50

67"- 8' Sand

Fine-coarse Grained

Low-moderate Density

Low-moderate Moisture Content

Low Clay Content

Low Cohesion

Low Plasticity

Brownish Yellow Color

10YR 6/6

USDA Soil Texture: Sandy Loam

USDA Soil Type: 2

USDA Structure Shape: Granular

USDA Structure Grade: 1

Cementation Class: Non-cemented

Long Term Acceptance Rate (LTAR, Treatment Level 1): 0.60

DEPTH (in ft.)

SYMBOL

SAMPLES

WATER %

SOIL TYPE

2

4

6

8

10

12

14

2A

2

LTAR to be Used for OWTS Sizing: 0.50GPD/SF (USDA Type 2A, Treatment soil, Treatment Level 1)

Depth to Groundwater (Permanent or Seasonal): Not Encountered

Depth to Bedrock and Type: Not Encountered

Depth to Proposed Infiltrative Surface from Ground Surface: Unknown (Maximum 4 ft Below Existing Ground Surface)

Soil Treatment Area Slope and Direction: South @ 3%

Note: See El Paso County Board of Health Regulation Chapter 8: On-Site Wastewater Treatments Systems (OWTS) Regulations for Additional Information. Refer to Table 10-1 for Corresponding LTAR if Treatment Level 2, 2N, 3, or 3N will be Implemented in the Design of the OWTS. System Sizing Depends on a Number of Factors (i.e. LTAR, # of Bedrooms, Type of Soil Treatment Area (STA), Method of Transfer to the STA (Gravity, Dosed, or Pressure Dosed), and Type of Storage / Distribution Media Used in the STA)

Project: 18-0818

Sheet: 1 of 2

Date: 04 Sep 2018

Scale: 1/4" = 1'

Drawn by: tjh

Checked by: cem

Project Name and Address

Dean Johnson

3920 Enoch Rd

Lot 8, Filing 4

Edwards Subdivision

Sch. No. 4502001018

El Paso County, Colorado

GEOQUEST, LLC.

6825 SILVER PONDS HEIGHTS

SUITE 101

COLORADO SPRINGS, CO

80908

OFFICE: (719) 481-4560

FAX: (719) 481-9204

9-16-19 CG

PROFILE PIT LOG - Profile Pit #2

JOB#: 18-0818
DATE EVALUATED: 27 Aug 2018
EQUIPMENT USED: MINI-EXCAVATOR

DEPTH (in ft.)	SYMBOL	SAMPLES	WATER %	SOIL TYPE
0"-6"				
6"-64"				2A
64"-8'				2

0"-6" TOPSOIL

Loam
Organic Composition

6"-64" Sand

Fine-coarse Grained
Moderate Density
Low-moderate Moisture Content
Low-moderate Clay Content
Low-moderate Cohesion
Low-moderate Plasticity
Light Yellowish Brown Color
10YR 6/4

USDA Soil Texture: Sandy Loam
USDA Soil Type: 2A
USDA Structure Shape: Granular
USDA Structure Grade: 1
Cementation Class: Non-cemented
Long Term Acceptance Rate (LTAR, Treatment Level 1): 0.50

64"-8' Sand

Fine-coarse Grained
Low-moderate Density
Low-moderate Moisture Content
Low Clay Content
Low Cohesion
Low Plasticity
Brownish Yellow Color
10YR 6/6

USDA Soil Texture: Sandy Loam
USDA Soil Type: 2
USDA Structure Shape: Granular
USDA Structure Grade: 1
Cementation Class: Non-cemented
Long Term Acceptance Rate (LTAR, Treatment Level 1): 0.60

LTAR to be Used for OWTS Sizing: 0.50GPD/SF (USDA Type 2A, Treatment soil, Treatment Level 1)

Depth to Groundwater (Permanent or Seasonal): Not Encountered

Depth to Bedrock and Type: Not Encountered

Depth to Proposed Infiltrative Surface from Ground Surface: Unknown (Maximum 4 ft Below Existing Ground Surface)

Soil Treatment Area Slope and Direction: South @ 3%

Note: See El Paso County Board of Health Regulation Chapter 8: On-Site Wastewater Treatments Systems (OWTS) Regulations for Additional Information. Refer to Table 10-1 for Corresponding LTAR if Treatment Level 2, 2N, 3, or 3N will be Implemented in the Design of the OWTS. System Sizing Depends on a Number of Factors (i.e. LTAR, # of Bedrooms, Type of Soil Treatment Area (STA), Method of Transfer to the STA (Gravity, Dosed, or Pressure Dosed), and Type of Storage / Distribution Media Used in the STA)

Project: 18-0818

Sheet: 2 of 2

Date: 04 Sep 2018

Scale: 1/4" = 1'

Drawn by: tjh

Checked by: cem

Project Name and Address

Dean Johnson

3920 Enoch Rd
Lot 8, Filing 4
Edwards Subdivision
Sch. No. 4502001018
El Paso County, Colorado

GEOQUEST, LLC.

6825 SILVER PONDS HEIGHTS
SUITE 101
COLORADO SPRINGS, CO
80908

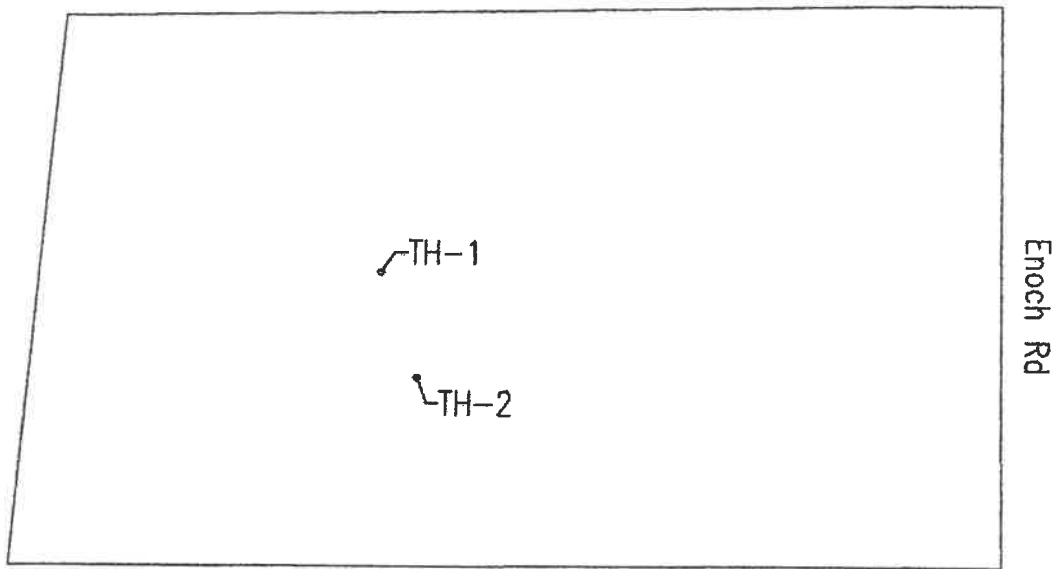
OFFICE: (719) 481-4560
FAX: (719) 481-9204

9-16-19

GEOQUEST LLC

SITE MAP

Lot 8, Filing 4
3920 Enoch Rd
El Paso County
Colorado
Job #18-0818



0 25 50 75 100 125
GRAPHIC SCALE IN FEET
SCALE: 1" = 125'

9-16-19 Q

**CONVENTIONAL (NON-ENGINEERED)
 ON-SITE WASTEWATER TREATMENT SYSTEM (OWTS) DESIGN WORKSHEET**
(MUST BE COMPLETED FOR ALL CONVENTIONAL DESIGNS)

Wastewater Flow

Total number of bedrooms: 2-3
 Design wastewater flow (gallons/day) from Table 6-1: 450

Septic Tank

Septic tank size (in gallons) from Table 9-1: 1000
 Tank burial depth (from top of tank, in inches)
 (NOTE: Shall not exceed 48 inch depth by regulation) 6 1/2"

Will groundwater affect tank? Yes ☐ No ☒

Will an effluent screen be installed? Yes ☒ No ☐
 (Note: Effluent screens are required for all new systems or replacement of the septic tank)

Soil Treatment Area (STA)

Long Term Acceptance Rate (LTAR) From Table 10-1: 150
 Unadjusted STA size (see 8.10.C.4) – show calculation: 900
Design flow (gallons per day)
 LTAR (gallons/day/sq.ft.) = 450
150

Depth of STA (cannot exceed 48"):

24" Trenches are preferred. If bed system is selected,
 the selection reason must be specified: _____

Type of STA (check which applies):

☒ Trench ☐ Bed

FOR REPAIRS ONLY (check which applies):

☐ Wide Bed (more than 12 feet wide)
☐ Deep Gravel Trenches
☐ Seepage Pit
☐ None of the Above

Method of Septic Tank Effluent Application (check which applies):

- ☒ Gravity
☐ Pump to gravity
☐ Dispersed by siphon

Type of Distribution Media (check which applies):

- ☐ Rock
☐ Tire chips
☒ Chambers
☐ Other _____

Other type _____

Adjusted STA size, using factors from Table 10-2 & 10-3 (show calculation, with adjustment factors utilized):

450 GPD / 1.5 GPD PER SF X .7 = 630

A scale drawing shall be provided with each design document (see attached example design documents), showing:

- Layout of entire OWTS, including the STA configuration (trench, bed, etc.)
- Dimensions of the trench(s) or the bed(s)
- Location of all OWTS components and distances to all applicable physical features in Table 7-1
- Depths of all components (or elevations relative to a designated benchmark)
- Location of the soil profile test pit excavation(s), or percolation test holes, if required
- Location of the alternate STA site
- North direction arrow
- Graphic scale (1" = 20', 1" = 30', etc.)
- Contours, OR slope direction and % slope

Note: It is recommended that the design document is completed by a professional in the OWTS industry. EPCPH does not complete, or alter design documents. Contact EPCPH with any questions.

The proposed STA sites must be protected from disturbance, compaction, or other damage by staking, fencing, posting or other effective methods.

Certification


Signature

DEAH W. JOHNSON
Print Name

9-11-19
Date

3920 S BLOCH RD. COLORADO SPRINGS,
Property Address CO. 80930

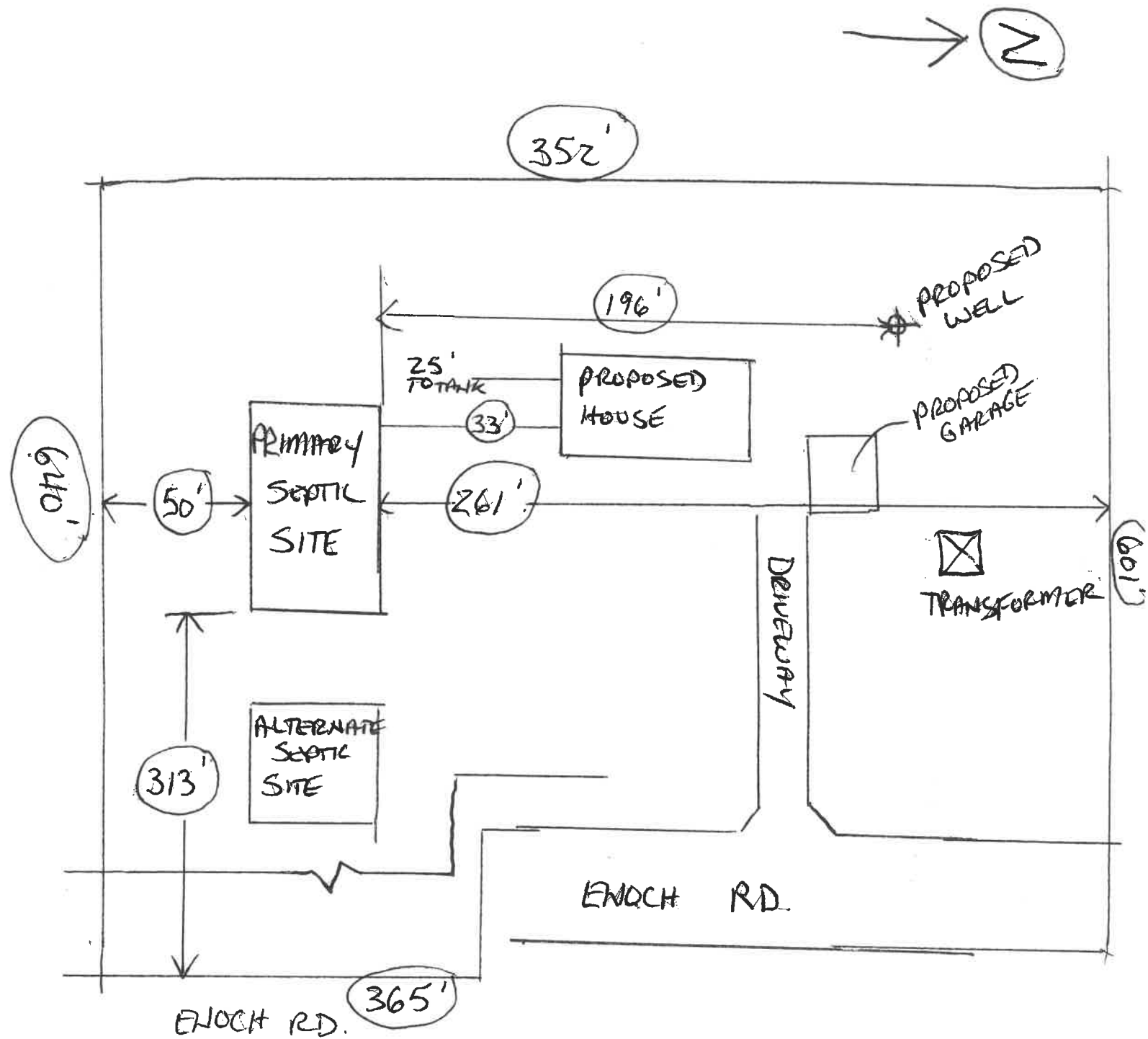
N/A
Company Name

3605 PEORIA AVE. BEGGSPK. 74421
Address

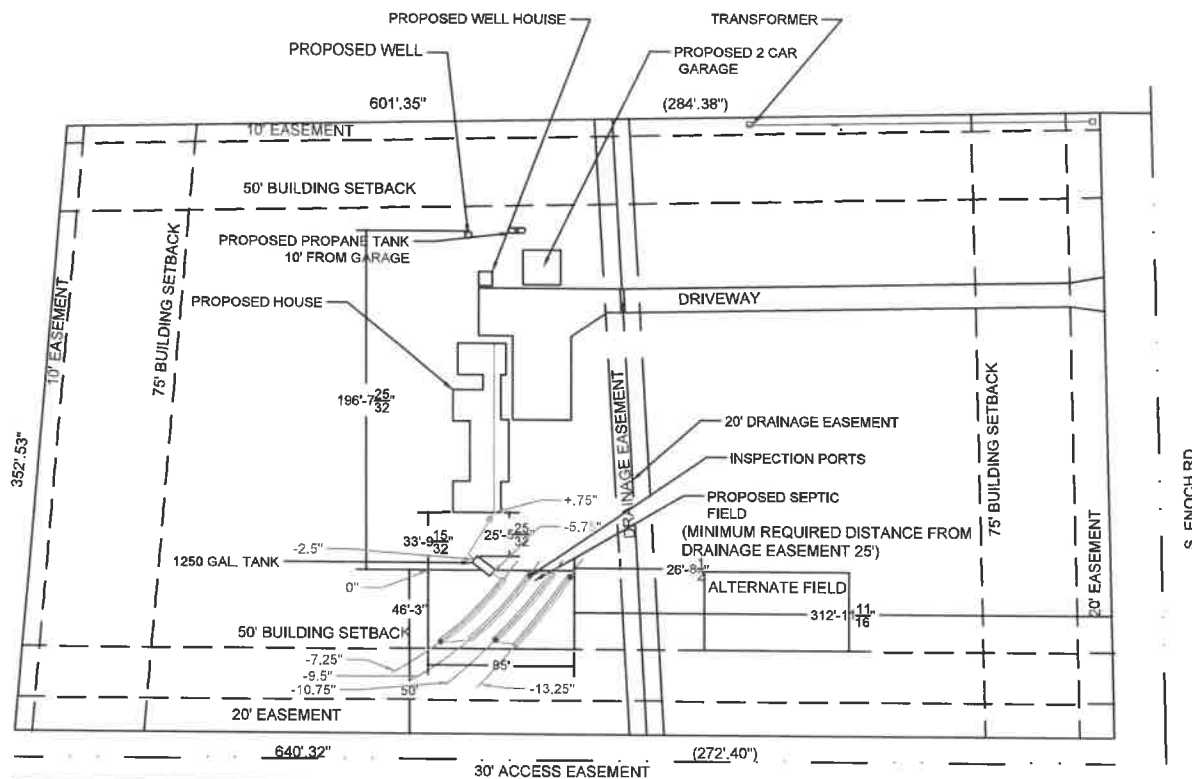
918-519-3793
Phone

GR441TEGUYONE@GMAIL.COM
Email

(See attached Tables and Design Document examples)



2 BEDROOM .3 BATHROOM
 REQUIRED SEPTIC TANK 1000GAL. UPGRADING TO 1250 GAL.
 REQUIRED INFILTRATION AREA: 450 GPD / .5 GPD PER SF X .7 (ARC 36 OR QUICK 4 CHAMBERS) = 630 SF
 DESIGNED INFILTRATION AREA: 4 RUNS OF 53' X 3' CHAMBERS = 630SF



SITE PLAN
 Scale 1/32" = 1'

3920 S. Enoch Rd. Colorado Springs, Co. 80930
 Lot 8 Edwards Subdivision Filing # 4
 Tax Schedule # 45020-01-018

DEAN W. JOHNSON
 DAWN S. JOHNSON
 3605 PEORIA AVE.
 BEGGS, OK. 74421

SP1

9-16-19 Q