

**DISCLOSURE STATEMENT: SELLER'S  
PROPERTY DISCLOSURE STATEMENT**

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1. Date \_\_\_\_\_
2. Page 1 of \_\_\_\_\_ pages: RECORDS AND
3. REPORTS, IF ANY, ARE ATTACHED AND MADE A
4. PART OF THIS DISCLOSURE

5. **THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.**

6. **NOTICE:** This Disclosure Statement satisfies the disclosure requirements of MN Statutes 513.52 through 513.60.  
 7. Under Minnesota law, sellers of residential property, with limited exceptions listed on page nine (9), are obligated to  
 8. disclose to prospective buyers all material facts of which Seller is aware that could adversely and significantly affect  
 9. an ordinary buyer's use or enjoyment of the property or any intended use of the property of which Seller is aware.  
 10. MN Statute 513.58 requires Seller to notify buyer in writing as soon as reasonably possible, but in any event before  
 11. closing, if Seller learns that Seller's disclosure was inaccurate. Seller is obligated to continue to notify Buyer, in writing,  
 12. of any facts disclosed here (new or changed) of which Seller is aware that could adversely and significantly affect the  
 13. Buyer's use or enjoyment of the property or any intended use of the property that occur up to the time of closing.  
 14. Seller has disclosure alternatives allowed by MN Statutes. See *Disclosure Statement: Seller's Disclosure Alternatives*  
 15. form for further information regarding disclosure alternatives. This disclosure is not a warranty or a guarantee of any  
 16. kind by Seller or licensee(s) representing or assisting any party in the transaction and is not a substitute for any  
 17. inspections or warranties the party(ies) may wish to obtain.  
 18. For purposes of the seller disclosure requirements of MN Statutes 513.52 through 513.60:  
 19. "Residential real property" or "residential real estate" means property occupied as, or intended to be occupied as, a  
 20. single-family residence, including a unit in a common interest community as defined in MN Statute 515B.1-103, clause  
 21. (10), regardless of whether the unit is in a common interest community not subject to chapter 515B.  
 22. The seller disclosure requirements of MN Statutes 513.52 through 513.60 apply to the transfer of any interest in  
 23. residential real estate, whether by sale, exchange, deed, contract for deed, lease with an option to purchase, or any  
 24. other option.  
 25. **INSTRUCTION TO BUYER:** Buyers are encouraged to thoroughly inspect the property personally or have it inspected  
 26. by a third party, and to inquire about any specific areas of concern. **NOTE:** If Seller answers NO to any of the questions  
 27. listed below, it does not necessarily mean that it does not exist on the property, did not occur, or does not apply. NO  
 28. may mean that Seller is unaware.  
 29. **INSTRUCTIONS TO SELLER:** (1) Complete this form yourself. (2) Consult prior disclosure statement(s) and/or  
 30. inspection report(s) when completing this form. (3) Describe conditions affecting the property to the best of your  
 31. knowledge. (4) Attach additional pages, with your signature, if additional space is required. (5) Answer all questions.  
 32. (6) If any items do not apply, write "NA" (not applicable).

33. Property located at 1482 Hunter Drive,  
 34. City of Medina, County of Hennepin, State of Minnesota.

35. **A. GENERAL INFORMATION:** The following questions are to be answered to the best of Seller's knowledge.

36. (1) What date OCT 1988 did you  Acquire  Build the home?  
.....(Check one.).....
37. (2) Type of title evidence:  Abstract  Registered (Torrens)  Unknown  
 38. Location of Abstract: \_\_\_\_\_
39. Is there an existing Owner's Title Insurance Policy?  Yes  No
40. (3) Have you occupied this home continuously during your ownership?  Yes  No
41. If "No," explain: \_\_\_\_\_
42. (4) Is the home suitable for year-round use?  Yes  No
43. (5) Are you in possession of prior seller's disclosure statement(s)? (If "Yes," please attach.)  Yes  No
44. (6) Does the property include a manufactured home?  Yes  No
45. If "Yes," HUD #(s) is/are \_\_\_\_\_
46. Has the title been surrendered to the Registrar of Motor Vehicles for cancellation?  Yes  No

48. THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.

49. Property located at 1482 Hunter Drive Medina MN 55391

50. (7) Is the property located on a public or a private road?  Public  Private  Public: no maintenance

51. (8) **Flood Insurance:** All properties in the state of Minnesota have been assigned a flood zone designation. Some  
52. flood zones may require flood insurance.

53. (a) Do you know which zone the property is located in?  Yes  No

54. If "Yes," which zone? \_\_\_\_\_

55. (b) Have you ever had a flood insurance policy?  Yes  No

56. If "Yes," is the policy in force?  Yes  No

57. If "Yes," what is the annual premium? \$ \_\_\_\_\_

58. If "Yes," who is the insurance carrier? \_\_\_\_\_

59. (c) Have you ever had a claim with a flood insurance carrier or FEMA?  Yes  No

60. If "Yes," please explain: \_\_\_\_\_

61. \_\_\_\_\_

62. **NOTE:** Whether or not Seller currently carries flood insurance, it may be required in the future. Flood insurance  
63. premiums are increasing, and in some cases will rise by a substantial amount over the premiums  
64. previously charged for flood insurance for the property. As a result, Buyer should not rely on the  
65. premiums paid for flood insurance on this property previously as an indication of the premiums that  
66. will apply after Buyer completes their purchase.

67. Are there any

68. (9) encroachments?  Yes  No

69. (10) association, covenants, historical registry, reservations, or restrictions, that affect  
70. or may affect the use or future resale of the property?  Yes  No

71. (11) governmental requirements or restrictions that affect or may affect the use or future  
72. enjoyment of the property (e.g., shoreland restrictions, non-conforming use, etc.)?  Yes  No

73. (12) easements, other than utility or drainage easements?  Yes  No

74. (13) Please provide clarification or further explanation for all applicable "Yes" responses in Section A:

75. TRACT J EASEMENT RELATING TO  
76. PRIVATE ROAD

77. **B. GENERAL CONDITION:** To your knowledge, have any of the following conditions previously existed or do they  
78. currently exist on the property?

79. (ANSWERS APPLY TO ALL STRUCTURES, SUCH AS GARAGE AND OUTBUILDINGS.)

80. (1) Has there been any damage by wind, fire, flood, hail, or other cause(s)?  Yes  No

81. If "Yes," give details of what happened and when: \_\_\_\_\_

82. \_\_\_\_\_

83. (2) Have you ever had an insurance claim(s) against your Homeowner's  
84. Insurance Policy?  Yes  No

85. If "Yes," what was the claim(s) for (e.g., hail damage to roof)? \_\_\_\_\_

86. CLEAN WATER BACKUP IN LOWER LEVEL

87. Did you receive compensation for the claim(s)?  Yes  No

88. If you received compensation, did you have the items repaired?  Yes  No

89. What dates did the claim(s) occur? 2012

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93. (3) (a) Has/Have the structure(s) been altered?  
94. (e.g., additions, altered roof lines, changes to load-bearing walls)  Yes  No  
95. If "Yes," please specify what was done, when, and by whom (owner or contractor):

96. \_\_\_\_\_  
97. \_\_\_\_\_

98. (b) Has any work been performed on the property? (e.g., additions to the property, wiring, plumbing,  
99. retaining wall, general finishing)  Yes  No  
100. If "Yes," please explain: See attached

101. \_\_\_\_\_

102. (c) Are you aware of any work performed on the property for which  
103. appropriate permits were not obtained?  Yes  No  
104. If "Yes," please explain: \_\_\_\_\_

105. \_\_\_\_\_

106. (4) Has there been any damage to flooring or floor covering?  Yes  No  
107. If "Yes," give details of what happened and when: CLEAN WATER BACKUP 2012

108. \_\_\_\_\_

109. (5) Do you have or have you previously had any pets?  Yes  No  
110. If "Yes," indicate type DOG CAT and number DOG 1 + CAT 1

111. (6) THE FOUNDATION: The type of foundation is (i.e., block, poured, wood, stone, other):  
112. Block

113. (7) THE BASEMENT, CRAWLSPACE, SLAB:

114. (a) cracked floor/walls? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(e) leakage/seepage? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
115. (b) drain tile problem? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(f) sewer backup? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
116. (c) flooding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(g) wet floors/walls? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
117. (d) foundation problem? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(h) other? _____ <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

118. Give details to any questions answered "Yes": \_\_\_\_\_  
119. \_\_\_\_\_  
120. \_\_\_\_\_

121. (8) THE ROOF:

122. (a) What is the age of the roofing material?  
123. Home: 22 years Garage(s)/Outbuilding(s): 12 years

124. (b) Has there been any interior or exterior damage?  Yes  No  
125. (c) Has there been interior damage from ice buildup?  Yes  No  
126. (d) Has there been any leakage?  Yes  No  
127. (e) Have there been any repairs or replacements made to the roof?  Yes  No

128. Give details to any questions answered "Yes":  
129. ROOF ABOVE INDOOR POOL REPLACED

MN:DS:SPDS-3 (8/18) LN 2007



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133. (9) THE EXTERIOR AND INTERIOR WALLS/SIDING/WINDOWS:

134. (a) The type(s) of siding is (e.g., vinyl, stucco, brick, other): BRICK/STONE/STUCCO

135. (b) cracks/damage?  Yes  No

136. (c) leakage/seepage?  Yes  No

137. (d) other?  Yes  No

138. Give details to any questions answered "Yes": \_\_\_\_\_

139. \_\_\_\_\_

140. C. APPLIANCES, HEATING, PLUMBING, ELECTRICAL, AND OTHER MECHANICAL SYSTEMS:

141. NOTE: This section refers only to the working condition of the following items. Answers apply to all such  
142. items unless otherwise noted in comments below. Personal property is included in the sale **ONLY IF**  
143. specifically referenced in the *Purchase Agreement*.

144. CHECK "NA" FOR ONLY THOSE ITEMS NOT PHYSICALLY LOCATED ON THE PROPERTY.

	Working Order				Working Order		
	Yes	No	NA		Yes	No	NA
146. Air conditioning.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Propane tank.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
147. <input checked="" type="checkbox"/> Central <input type="checkbox"/> Wall <input type="checkbox"/> Window				<input type="checkbox"/> Rented <input type="checkbox"/> Owned			
148. Air exchange system.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Range/oven.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
149. Carbon monoxide detector.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Range hood.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
150. Ceiling fan.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Refrigerator.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
151. Central vacuum.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Security system.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
152. Clothes dryer.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rented <input checked="" type="checkbox"/> Owned			
153. Clothes washer.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Smoke detectors (battery).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
154. Dishwasher.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Smoke detectors (hardwired).....	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
155. Doorbell.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Solar collectors.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
156. Drain tile system.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sump pump.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
157. Electrical system.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Toilet mechanisms.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
158. Environmental remediation system (e.g., radon, vapor intrusion).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trash compactor.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
159. Exhaust system.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TV antenna system.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
160. Fire sprinkler system.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TV cable system.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
161. Fireplace.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TV receiver.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
162. Fireplace mechanisms.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TV satellite dish.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
163. Freezer.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Rented <input type="checkbox"/> Owned			
164. Furnace humidifier.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water heater.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
165. Garage door auto reverse.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water purification system.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
166. Garage door opener.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rented <input type="checkbox"/> Owned			
167. Garage door opener remote.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water softener.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
168. Garbage disposal.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rented <input checked="" type="checkbox"/> Owned			
169. Heating system (central).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water treatment system.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
170. Heating system (supplemental).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rented <input checked="" type="checkbox"/> Owned			
171. Incinerator.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Windows.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
172. Intercom.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Window treatments.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
173. Lawn sprinkler system.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wood-burning stove.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
174. Microwave.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
175. Plumbing.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
176. Pool and equipment.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				Other.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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181. Property located at 1482 Hunter Drive Medina MN 55391

182. Are there any items or systems on the property connected or controlled wirelessly, via internet protocol ("IP"), to  
183. a router or gateway or directly to the cloud?  Yes  No

184. Comments regarding issues in Section C: \_\_\_\_\_

185. \_\_\_\_\_

186. **D. SUBSURFACE SEWAGE TREATMENT SYSTEM DISCLOSURE:**

187. (A subsurface sewage treatment system disclosure is required by MN Statute 115.55.) (Check appropriate box.)

188. Seller certifies that Seller  DOES  DOES NOT know of a subsurface sewage treatment system on or serving  
(Check one.)

189. the above-described real property. (If answer is **DOES**, and the system does not require a state permit, see  
190. Disclosure Statement: Subsurface Sewage Treatment System.)

191.  There is an abandoned subsurface sewage treatment system on the above-described real property.

192. (See Disclosure Statement: Subsurface Sewage Treatment System.)

193. **E. PRIVATE WELL DISCLOSURE:** (A well disclosure and Certificate are required by MN Statute 103I.235.)

194. (Check appropriate box.)

195.  Seller certifies that Seller does not know of any wells on the above-described real property.

196.  Seller certifies there are one or more wells located on the above-described real property.

197. (See Disclosure Statement: Well.)

198. Are there any wells serving the above-described property that are not located on the  
199. property?  Yes  No

200. If "Yes":

201. (1) How many properties or residences does the shared well serve? \_\_\_\_\_

202. (2) Is there a maintenance agreement for the shared well?  Yes  No

203. If "Yes," what is the annual maintenance fee? \$ \_\_\_\_\_

204. Is this property in a Special Well Construction Area?  Yes  No

205. **F. PROPERTY TAX TREATMENT:**

206. **Valuation Exclusion Disclosure** (Required by MN Statute 273.11, Subd. 18.)

207. There  IS  IS NOT an exclusion from market value for home improvements on this property. Any  
(Check one.)

208. valuation exclusion shall terminate upon sale of the property, and the property's estimated market value for  
209. property tax purposes shall increase. If a valuation exclusion exists, Buyers are encouraged to look into the  
210. resulting tax consequences.

211. Additional comments: \_\_\_\_\_

212. \_\_\_\_\_

213. **Preferential Property Tax Treatment**

214. Is the property subject to any preferential property tax status or any other credits affecting the property?

215. (e.g., Disability, Green Acres, CRP, RIM, Rural Preserve, Veterans' Benefits,

216. Non-Profit Status)  Yes  No

217. If "Yes," would these terminate upon the sale of the property?  Yes  No

218. Explain: \_\_\_\_\_

219. \_\_\_\_\_

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223. **G. FOREIGN INVESTMENT IN REAL PROPERTY TAX ACT ("FIRPTA"):** Section 1445 of the Internal Revenue Code  
224. provides that a transferee ("Buyer") of a United States real property interest must be notified in writing and must  
225. withhold tax if the transferor ("Seller") is a foreign person and no exceptions from FIRPTA withholding apply.

226. Seller represents that Seller  IS  IS NOT a foreign person (i.e., a non-resident alien individual, foreign corporation,  
----- (Check one.) -----  
227. foreign partnership, foreign trust, or foreign estate) for purposes of income taxation. This representation shall  
228. survive the closing of any transaction involving the property described here.

229. **NOTE:** If the above answer is "IS," Buyer may be subject to income tax withholding in connection with the  
230. transaction (unless the transaction is covered by an applicable exception to FIRPTA withholding). In  
231. non-exempt transactions, Buyer may be liable for the tax if Buyer fails to withhold.  
232. If the above answer is "IS NOT," Buyer may wish to obtain specific documentation from Seller ensuring  
233. Buyer is exempt from the withholding requirements as prescribed under Section 1445 of the Internal  
234. Revenue Code.

235. Due to the complexity and potential risks of failing to comply with FIRPTA, including Buyer's responsibility  
236. for withholding the applicable tax, Buyer and Seller should **seek appropriate legal and tax advice regarding**  
237. **FIRPTA compliance, as the respective licensees representing or assisting either party will be unable to**  
238. **assure either party whether the transaction is exempt from the FIRPTA withholding requirements.**

239. **H. METHAMPHETAMINE PRODUCTION DISCLOSURE:**  
240. (A Methamphetamine Production Disclosure is required by MN Statute 152.0275, Subd. 2 (m).)  
241.  Seller is not aware of any methamphetamine production that has occurred on the property.  
242.  Seller is aware that methamphetamine production has occurred on the property.  
243. (See Disclosure Statement: Methamphetamine Production.)

244. **I. NOTICE REGARDING AIRPORT ZONING REGULATIONS:** The property may be in or near an airport safety  
245. zone with zoning regulations adopted by the governing body that may affect the property. Such zoning regulations  
246. are filed with the county recorder in each county where the zoned area is located. If you would like to determine  
247. if such zoning regulations affect the property, you should contact the county recorder where the zoned area is  
248. located.

249. **J. NOTICE REGARDING CARBON MONOXIDE DETECTORS:** MN Statute 299F.51 requires Carbon Monoxide  
250. Detectors to be located within ten (10) feet from all sleeping rooms. Carbon Monoxide Detectors may or may not  
251. be personal property and may or may not be included in the sale of the home.

252. **K. CEMETERY ACT:** The following questions are to be answered to the best of Seller's knowledge.  
253. MN Statute 307.08 prohibits any damage or illegal molestation of human remains, burials or cemeteries. A person  
254. who intentionally, willfully and knowingly destroys, mutilates, injures, disturbs, or removes human skeletal remains  
255. or human burial grounds is guilty of a felony.

256. Are you aware of any human remains, burials, or cemeteries located on the property?  Yes  No

257. If "Yes," please explain: \_\_\_\_\_

258. All unidentified human remains or burials found outside of platted, recorded or identified cemeteries and in  
259. contexts which indicate antiquity greater than 50 years shall be dealt with according to the provisions of MN  
260. Statute 307.08, Subd. 7.

261. **L. ENVIRONMENTAL CONCERNS:** To your knowledge, have any of the following previously existed or do they  
262. currently exist on the property?

- |  |                              |  |                                   |                              |  |
|--|------------------------------|--|-----------------------------------|------------------------------|--|
| 263. (1) Animal/Insect/Pest Infestation? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | (6) Lead? (e.g., paint, plumbing) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 264. (2) Asbestos?                       | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | (7) Mold?                         | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 265. (3) Diseased trees?                 | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | (8) Soil problems?                | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 266. (4) Formaldehyde?                   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | (9) Underground storage tanks?    | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 267. (5) Hazardous waste/substances?     | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | (10) Vapor intrusion?             | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

268. (11) Other? \_\_\_\_\_  Yes  No



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271. Property located at 1482 Hunter Drive Medina MN 55391
272. (11) Have you ever been contacted or received any information from any governmental authority pertaining to possible or actual environmental contamination (e.g., vapor intrusion, drinking water, and/or soil
273. contamination, etc.) affecting the property?  Yes  No
274. (12) Are you aware if there are currently, or have previously been, any orders issued on the property by any governmental authority ordering the remediation of a public health nuisance on
275. the property?  Yes  No
276. If answer above is "Yes," all orders  HAVE  HAVE NOT been vacated.
277. -----(Check one.)-----
278. (13) Please provide clarification or further explanation for all applicable "Yes" responses in Section L.
279. \_\_\_\_\_
280. \_\_\_\_\_
281. \_\_\_\_\_

282. M. RADON DISCLOSURE: (The following Seller disclosure satisfies MN Statute 144.496.)

283. RADON WARNING STATEMENT: The Minnesota Department of Health strongly recommends that ALL

284. homebuyers have an indoor radon test performed prior to purchase or taking occupancy, and recommends having

285. the radon levels mitigated if elevated radon concentrations are found. Elevated radon concentrations can easily

286. be reduced by a qualified, certified, or licensed, if applicable, radon mitigator.

287. Every buyer of any interest in residential real property is notified that the property may present exposure to

288. dangerous levels of indoor radon gas that may place occupants at risk of developing radon-induced lung cancer.

289. Radon, a Class A human carcinogen, is the leading cause of lung cancer in nonsmokers and the second leading

290. cause overall. The seller of any interest in residential real property is required to provide the buyer with any

291. information on radon test results of the dwelling.

292. RADON IN REAL ESTATE: By signing this Statement, Buyer hereby acknowledges receipt of the Minnesota

293. Department of Health's publication entitled **Radon in Real Estate Transactions**, which is attached hereto and

294. can be found at [www.health.state.mn.us/divs/eh/indoorair/radon/rnrealestateweb.pdf](http://www.health.state.mn.us/divs/eh/indoorair/radon/rnrealestateweb.pdf).

295. A seller who fails to disclose the information required under MN Statute 144.496, and is aware of material facts

296. pertaining to radon concentrations in the property, is liable to the Buyer. A buyer who is injured by a violation of MN

297. Statute 144.496 may bring a civil action and recover damages and receive other equitable relief as determined by

298. the court. Any such action must be commenced within two years after the date on which the buyer closed the

299. purchase or transfer of the real property.

300. SELLER'S REPRESENTATIONS: The following are representations made by Seller to the extent of Seller's actual

301. knowledge.

302. (a) Radon test(s)  HAVE  HAVE NOT occurred on the property.
303. -----(Check one.)-----
304. (b) Describe any known radon concentrations, mitigation, or remediation. **NOTE: Seller shall attach the most**
305. **current records and reports pertaining to radon concentration within the dwelling:**
306. \_\_\_\_\_

307. (c) There  IS  IS NOT a radon mitigation system currently installed on the property.
308. -----(Check one.)-----
309. If "IS," Seller shall disclose, if known, information regarding the radon mitigation system, including system
310. description and documentation.
311. \_\_\_\_\_

312. EXCEPTIONS: See Section R for exceptions to this disclosure requirement.

314. THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.

315. Property located at 1482 Hunter Drive Medina MN 55391

316. **N. NOTICES/OTHER DEFECTS/MATERIAL FACTS:** The following questions are to be answered to the best of  
317. Seller's knowledge.

318. **Notices:** Seller  HAS  HAS NOT received a notice regarding any proposed improvement project from any  
319. assessing authorities, the costs of which project may be assessed against the property. If "HAS," please attach  
320. and/or explain : \_\_\_\_\_  
321. \_\_\_\_\_

322. **Other Defects/Material Facts:** Are there any other material facts that could adversely and significantly affect an  
323. ordinary buyer's use or enjoyment of the property or any intended use of the property?  Yes  No

324. If "Yes," explain: \_\_\_\_\_  
325. \_\_\_\_\_

326. **O. WATER INTRUSION AND MOLD GROWTH:** Studies have shown that various forms of water intrusion affect  
327. many homes. Water intrusion may occur from exterior moisture entering the home and/or interior moisture leaving  
328. the home.

329. Examples of exterior moisture sources may be:

- 330. • improper flashing around windows and doors,
- 331. • improper grading,
- 332. • flooding,
- 333. • roof leaks.

334. Examples of interior moisture sources may be:

- 335. • plumbing leaks,
- 336. • condensation (caused by indoor humidity that is too high or surfaces that are too cold),
- 337. • overflow from tubs, sinks, or toilets,
- 338. • firewood stored indoors,
- 339. • humidifier use,
- 340. • inadequate venting of kitchen and bath humidity,
- 341. • improper venting of clothes dryer exhaust outdoors (including electrical dryers),
- 342. • line-drying laundry indoors,
- 343. • houseplants—watering them can generate large amounts of moisture.

344. In addition to the possible structural damage water intrusion may do to the property, water intrusion may also result  
345. in the growth of mold, mildew, and other fungi. Mold growth may also cause structural damage to the property.  
346. Therefore, it is very important to detect and remediate water intrusion problems.

347. Fungi are present everywhere in our environment, both indoors and outdoors. Many molds are beneficial to  
348. humans. However, molds have the ability to produce mycotoxins that may have a potential to cause serious health  
349. problems, particularly in some immunocompromised individuals and people who have asthma or allergies to  
350. mold.

351. To complicate matters, mold growth is often difficult to detect, as it frequently grows within the wall structure. If you  
352. have a concern about water intrusion or the resulting mold/mildew/fungi growth, you may want to consider having the  
353. property inspected for moisture problems before entering into a purchase agreement or as a condition of your  
354. purchase agreement. Such an analysis is particularly advisable if you observe staining or musty odors on the  
355. property.

356. **P. NOTICE REGARDING PREDATORY OFFENDER INFORMATION:** Information regarding the predatory  
357. offender registry and persons registered with the predatory offender registry under MN Statue 243.166  
358. may be obtained by contacting the local law enforcement offices in the community where the property  
359. is located or the Minnesota Department of Corrections at (651) 361-7200, or from the Department of  
360. Corrections web site at [www.corr.state.mn.us](http://www.corr.state.mn.us).



362. THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.

363. Property located at 1482 Hunter Drive Medina MN 55391.

364. Q. ADDITIONAL COMMENTS: \_\_\_\_\_

365. \_\_\_\_\_

366. R. MN STATUTES 513.52 THROUGH 513.60: SELLER'S MATERIAL FACT DISCLOSURE:

367. **Exceptions:** The seller disclosure requirements of MN Statutes 513.52 through 513.60 **DO NOT** apply to

- 368. (1) real property that is not residential real property;
- 369. (2) a gratuitous transfer;
- 370. (3) a transfer pursuant to a court order;
- 371. (4) a transfer to a government or governmental agency;
- 372. (5) a transfer by foreclosure or deed in lieu of foreclosure;
- 373. (6) a transfer to heirs or devisees of a decedent;
- 374. (7) a transfer from a co-tenant to one or more other co-tenants;
- 375. (8) a transfer made to a spouse, parent, grandparent, child, or grandchild of Seller;
- 376. (9) a transfer between spouses resulting from a decree of marriage dissolution or from a property agreement incidental to that decree;
- 377. (10) a transfer of newly constructed residential property that has not been inhabited;
- 378. (11) an option to purchase a unit in a common interest community, until exercised;
- 379. (12) a transfer to a person who controls or is controlled by the grantor as those terms are defined with respect to a declarant under section 515B.1-103, clause (2);
- 380. (13) a transfer to a tenant who is in possession of the residential real property; or
- 381. (14) a transfer of special declarant rights under section 515B.3-104.

384. **MN STATUTES 144.496: RADON AWARENESS ACT**

385. The seller disclosure requirements of MN Statute 144.496 DO NOT apply to (1)-(9) and (11)-(14) above. Sellers of newly constructed residential property must comply with the disclosure requirements of MN Statute 144.496.

387. **Waiver:** The written disclosure required under sections 513.52 to 513.60 may be waived if Seller and the prospective Buyer agree in writing. Waiver of the disclosure required under sections 513.52 to 513.60 does not waive, limit, or abridge any obligation for seller disclosure created by any other law.

390. **No Duty to Disclose:**

- 391. (A) There is no duty to disclose the fact that the property
  - 392. (1) is or was occupied by an owner or occupant who is or was suspected to be infected with Human Immunodeficiency Virus or diagnosed with Acquired Immunodeficiency Syndrome;
  - 393. (2) was the site of a suicide, accidental death, natural death, or perceived paranormal activity; or
  - 394. (3) is located in a neighborhood containing any adult family home, community-based residential facility, or nursing home.
- 397. (B) **Predatory Offenders.** There is no duty to disclose information regarding an offender who is required to register under MN Statute 243.166 or about whom notification is made under that section, if Seller, in a timely manner, provides a written notice that information about the predatory offender registry and persons registered with the registry may be obtained by contacting the local law enforcement agency where the property is located or the Department of Corrections.
- 402. (C) The provisions in paragraphs (A) and (B) do not create a duty to disclose any facts described in paragraphs (A) and (B) for property that is not residential property.
- 404. (D) **Inspections.**
  - 405. (1) Except as provided in paragraph (2), Seller is not required to disclose information relating to the real property if a written report that discloses the information has been prepared by a qualified third party and provided to the prospective buyer. For purposes of this paragraph, "qualified third party" means a federal, state, or local governmental agency, or any person whom Seller or prospective buyer reasonably believes has the expertise necessary to meet the industry standards of practice for the type of inspection or investigation that has been conducted by the third party in order to prepare the written report.
  - 411. (2) Seller shall disclose to the prospective buyer material facts known by Seller that contradict any information included in a written report under paragraph (1) if a copy of the report is provided to Seller.

414. THE INFORMATION DISCLOSED IS GIVEN TO THE BEST OF SELLER'S KNOWLEDGE.

415. Property located at 1482 Hunter Drive Medina MN 55391

416. **S. SELLER'S STATEMENT:**

417. *(To be signed at time of listing.)*

418. Seller(s) hereby states the facts as stated above are true and accurate and authorizes any licensee(s) representing  
419. or assisting any party(ies) in this transaction to provide a copy of this Disclosure Statement to any person or entity  
420. in connection with any actual or anticipated sale of the property. A seller may provide this Disclosure Statement  
421. to a real estate licensee representing or assisting a prospective buyer. The Disclosure Statement provided to the  
422. real estate licensee representing or assisting a prospective buyer is considered to have been provided to the  
423. prospective buyer. If this Disclosure Statement is provided to the real estate licensee representing or assisting the  
424. prospective buyer, the real estate licensee must provide a copy to the prospective buyer.

425. **Seller is obligated to continue to notify Buyer in writing of any facts that differ from the facts disclosed**  
426. **here (new or changed) of which Seller is aware that could adversely and significantly affect the Buyer's**  
427. **use or enjoyment of the property or any intended use of the property that occur up to the time of closing.**  
428. To disclose new or changed facts, please use the *Amendment to Disclosure Statement* form.

429.  8/28/18  8/28/18  
(Seller) (Date) (Seller) (Date)

430. **T. BUYER'S ACKNOWLEDGEMENT:**

431. *(To be signed at time of purchase agreement.)*

432. I/We, the Buyer(s) of the property, acknowledge receipt of this *Seller's Property Disclosure Statement* and agree  
433. that no representations regarding facts have been made other than those made above. This Disclosure Statement  
434. is not a warranty or a guarantee of any kind by Seller or licensee(s) representing or assisting any party in the  
435. transaction and is not a substitute for any inspections or warranties the party(ies) may wish to obtain.

436. The information disclosed is given to the best of Seller's knowledge.

437. \_\_\_\_\_  
(Buyer) (Date) (Buyer) (Date)

438. **LISTING BROKER AND LICENSEES MAKE NO REPRESENTATIONS HERE AND ARE**  
439. **NOT RESPONSIBLE FOR ANY CONDITIONS EXISTING ON THE PROPERTY.**

# Radon in Real Estate Transactions

**All Minnesota homes can have dangerous levels of radon gas.** Radon is a colorless, odorless and tasteless **radioactive gas** that can seep into homes from the soil. When inhaled, it can damage the lungs. Long-term exposure to radon can lead to **lung cancer**. About 21,000 lung cancer deaths each year in the United States are caused by radon.

The only way to know how much radon gas has entered the home is to conduct a radon test. MDH estimates 2 in 5 homes exceed the 4.0 pCi/L action level. Whether a home is old or new, **any home can have high levels of radon.**

The purpose of this publication is to educate and inform potential home buyers of the risks of radon exposure, and how to test for and reduce radon as part of real estate transactions.

## Disclosure Requirements



Effective January 1, 2014, the Minnesota Radon Awareness Act requires specific disclosure and education be provided to potential home buyers during residential real estate transactions in Minnesota. **Before signing a purchase agreement to sell or transfer residential real property**, the seller shall provide this publication and shall disclose in writing to the buyer:

1. whether a radon test or tests have occurred on the property;
2. the most current records and reports pertaining to radon concentrations within the dwelling;
3. a description of any radon levels, mitigation, or remediation;
4. information on the radon mitigation system, if a system was installed; and
5. a radon warning statement.

**MDH** Minnesota  
Department of Health

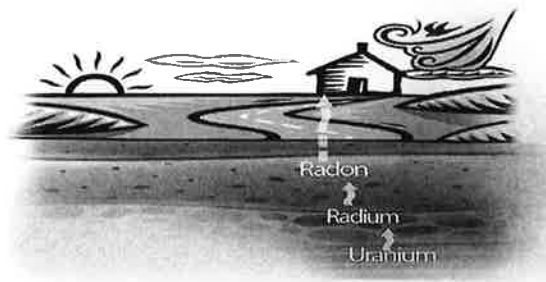
**INDOOR AIR UNIT**

## Radon Facts

**How dangerous is radon?** Radon is the number one cause of lung cancer in non-smokers, and the second leading cause overall. Your risk for lung cancer increases with higher levels of radon, prolonged exposure, and whether or not you are a current smoker or former smoker.

**Where is your greatest exposure to radon?** For most Minnesotans, your greatest exposure is at home where radon can concentrate indoors.

**What is the recommended action based on my results?** If the average radon in the home is at or above 4.0 pCi/L, the home's radon level should be reduced. Also, consider mitigating if radon levels are between 2.0 pCi/L and 3.9 pCi/L. Any amount of radon, even below the recommended action level, carries some risk.



### **MDH Radon Program**

PO Box 64975

St Paul, MN 55164-0975

health.indoor@state.mn.us

www.health.state.mn.us/radon

651-201-4601

800-798-9050

## Radon Testing

Any test lasting less than three months requires **closed-house conditions**. Keep all windows and doors closed, except for normal entry and exit.

**Before testing:** Begin closed-house conditions at least 12 hours before the start of the radon test.

**During testing:** Maintain closed-house conditions during the entire duration of the short-term test. Operate home heating or cooling systems normally during the test. Test for at least 48 hours.

**Where should the test be conducted?** Any radon test conducted for a real estate transaction needs to be placed in the lowest livable area of the home suitable for occupancy. This is typically in the basement, whether finished or unfinished.

Place the test kit:

- twenty inches to six feet above the floor
- at least three feet from exterior walls
- four inches away from other objects
- in a location where it won't be disturbed
- not in enclosed areas or areas of high heat or humidity

## Radon Mitigation

When elevated levels of radon are found, they can be easily reduced by a certified radon mitigation professional.

**Radon mitigation** is the process used to reduce radon concentrations in buildings. This is done by drawing soil gas from under the house and venting it above the roof. A quality mitigation system should reduce levels to below 4.0 pCi/L, if not lower.

**After a radon mitigation system is installed** perform an independent short-term test to ensure the reduction system is effective. Operate the radon system during the entire test. This test will confirm low levels in the home. Be sure to retest the house every two years to confirm continued radon reduction.

## Radon Warning Statement

*"The Minnesota Department of Health strongly recommends that ALL homebuyers have an indoor radon test performed prior to purchase or taking occupancy, and recommends having the radon levels mitigated if elevated radon concentrations are found. Elevated radon concentrations can easily be reduced by a qualified, certified, or licensed, if applicable, radon mitigator.*

*Every buyer of any interest in residential real property is notified that the property may present exposure to dangerous levels of indoor radon gas that may place the occupants at risk of developing radon-induced lung cancer. Radon, a Class A human carcinogen, is the leading cause of lung cancer in nonsmokers and the second leading cause overall. The seller of any interest in residential real property is required to provide the buyer with any information on radon test results of the dwelling".*

**How are radon tests conducted in real estate transactions?** There are special protocols for radon testing. The two most common ways to test are either using a calibrated continuous radon monitor (CRM) or two-short term test kits used at the same time. The short-term test kits are placed 4 inches apart and the results are averaged.

Continuous Radon Monitor (CRM)

Fastest



Simultaneous Short-term Testing

Second Fastest



**All radon tests should be conducted by a certified professional.** This ensures the test was conducted properly, in the correct location, and under appropriate building conditions. A list of these radon measurement professionals can be found at MDH's Radon website. If the seller previously conducted testing in a property at or above 4 pCi/L, the home should be mitigated.



**DISCLOSURE STATEMENT: WELL**

This form approved by the Minnesota Association of REALTORS®, which disclaims any liability arising out of use or misuse of this form. © 2017 Minnesota Association of REALTORS®, Edina, MN

1. Date AUGUST 28, 2018
2. Page 1 of \_\_\_\_\_ pages: THE REQUIRED MAP
3. IS ATTACHED HERE AND MADE A PART OF THIS
4. DISCLOSURE

5. Minnesota Statute 1031.235 requires that, before signing an agreement to sell or transfer real property, Seller must disclose information in writing to Buyer about the status and location of all known wells on the property. This requirement is satisfied by delivering to Buyer either a statement by Seller that Seller does not know of any wells on the property, or a disclosure statement indicating the legal description and county, and a map showing the location of each well. In the disclosure statement Seller must indicate, for each well, whether the well is in use, not in use or sealed.

10. Unless Buyer and Seller agree to the contrary in writing, before the closing of the sale, a Seller who fails to disclose the existence or known status of a well at the time of sale, and knew or had reason to know of the existence or known status of the well, is liable to Buyer for costs relating to sealing of the well and reasonable attorneys' fees for collection of costs from Seller, if the action is commenced within six years after the date Buyer closed the purchase of the real property where the well is located.

15. Legal requirements exist relating to various aspects of location and status of wells. Buyer is advised to contact the local unit(s) of government, state agency, or qualified professional which regulates wells for further information about these issues. For additional information on wells, please visit the Minnesota Department of Health's website at [www.health.state.mn.us](http://www.health.state.mn.us).

19. **Instructions for completion of this form are on page three (3).**

20. **PROPERTY DESCRIPTION:** Street Address: 1482 Hunter Drive

21. Medina 55391 Hennepin  
(City) (Zip) (County)

22. **LEGAL DESCRIPTION:**  
REG. LAND SURVEY NO. 1049 TRACT C EX ROAD

25. **WELL DISCLOSURE STATEMENT:** (Check appropriate boxes.)

26. Seller certifies that the following wells are located on the above-described real property.

	MN Unique Well No.	Well Depth	Year of Const.	Well Type	IN USE	NOT IN USE	SHARED	SEALED
29. Well 1	<u>207129</u>	<u>353'</u>	<u>1958</u>	<u>Domestic</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30. Well 2	_____	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31. Well 3	_____	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

32. Is this property served by a well not located on the property?  Yes  No

33. If "Yes," please explain: \_\_\_\_\_

35. **NOTE: See definition of terms "IN USE," "NOT IN USE," and "SEALED" on lines 102-113. If a well is not in use, it must be sealed by a licensed well contractor or a well owner must obtain a maintenance permit from the Minnesota Department of Health and pay an annual maintenance fee. Maintenance permits are not transferable. If a well is operable and properly maintained, a maintenance permit is not required.**

39. If the well is, "Shared":

40. (1) How many properties or residences does the shared well serve? \_\_\_\_\_

41. (2) Who manages the shared well? \_\_\_\_\_

42. (3) Is there a maintenance agreement for the shared well?  Yes  No

43. If "Yes," what is the annual maintenance fee? \$ \_\_\_\_\_

45. Property located at 1482 Hunter Drive Medina MN 55391

46. **OTHER WELL INFORMATION:**

47. Date well water last tested for contaminants: OCT, 1998 Test results attached?  Yes  No

48. Contaminated Well: Is there a well on the property containing contaminated water?  Yes  No

49. Comments: \_\_\_\_\_

50. \_\_\_\_\_

51. \_\_\_\_\_

52. \_\_\_\_\_

53. \_\_\_\_\_

54. \_\_\_\_\_

55. \_\_\_\_\_

56. **SEALED WELL INFORMATION:** For each well designated as sealed above, complete this section.

57. When was the well sealed? \_\_\_\_\_

58. Who sealed the well? \_\_\_\_\_

59. Was a Sealed Well Report filed with the Minnesota Department of Health?  Yes  No

60. **MAP: Complete the attached Location Map showing the location of each well on the real property.**

61. This disclosure is not a warranty of any kind by Seller(s) or any licensee(s) representing or assisting any part/(ies) in  
62. this transaction and is not a substitute for any inspections or warranties the party(ies) may wish to obtain.

63. **SELLER'S STATEMENT:** *(To be signed at time of listing.)*

64. Seller(s) hereby states that the facts as stated above are true and accurate and authorizes any licensee(s) representing  
65. or assisting any party(ies) in this transaction to provide a copy of this Disclosure Statement to any person or entity  
66. in connection with any actual or anticipated sale of the property. A seller may provide this Disclosure Statement to  
67. a real estate licensee representing or assisting a prospective buyer. The Disclosure Statement provided to the real  
68. estate licensee representing or assisting a prospective buyer is considered to have been provided to the prospective  
69. buyer. If this Disclosure Statement is provided to the real estate licensee representing or assisting the prospective  
70. buyer, the real estate licensee must provide a copy to the prospective buyer.

71. **Seller is obligated to continue to notify Buyer in writing of any facts that differ from the facts disclosed here**  
72. **(new or changed) of which Seller is aware that could adversely and significantly affect the Buyer's use or**  
73. **enjoyment of the property or any intended use of the property that occur up to the time of closing.** To disclose  
74. new or changed facts, please use the *Amendment to Disclosure Statement* form.

75. [Signature] 8/28/18 Elizabeth Villafana 8/28/18  
(Seller) (Date) (Seller) (Date)

76. **BUYER'S ACKNOWLEDGEMENT:** *(To be signed at time of purchase agreement.)*

77. I/We, the Buyer(s) of the property, acknowledge receipt of this *Disclosure Statement: Well and Location Map* and  
78. agree that no representations regarding facts have been made other than those made above.

79. \_\_\_\_\_  
(Buyer) (Date) (Buyer) (Date)

80. **LISTING BROKER AND LICENSEES MAKE NO REPRESENTATIONS HERE AND ARE**  
81. **NOT RESPONSIBLE FOR ANY CONDITIONS EXISTING ON THE PROPERTY.**

82. **INSTRUCTIONS FOR COMPLETING THE WELL DISCLOSURE STATEMENT**

83. **DEFINITION:** A "well" means an excavation that is drilled, cored, bored, washed, driven, dug, jetted, or otherwise  
84. constructed if the excavation is intended for the location, diversion, artificial recharge, or acquisition of groundwater.

85. **MINNESOTA UNIQUE WELL NUMBER:** All new wells constructed AFTER January 1, 1975, should have been  
86. assigned a Minnesota unique well number by the person constructing the well. If the well was constructed after this  
87. date, you should have the unique well number in your property records. If you are unable to locate your unique well  
88. number and the well was constructed AFTER January 1, 1975, contact your well contractor. If no unique well number  
89. is available, please indicate the depth and year of construction for each well.

90. **WELL TYPE:** Use one of the following terms to describe the well type.

91. **WATER WELL:** A water well is any type of well used to extract groundwater for private or public use. Examples  
92. of water wells are: domestic wells, drive-point wells, dug wells, remedial wells, and municipal wells.

93. **IRRIGATION WELL:** An irrigation well is a well used to irrigate agricultural lands. These are typically  
94. large-diameter wells connected to a large pressure distribution system.

95. **MONITORING WELL:** A monitoring well is a well used to monitor groundwater contamination. The well is  
96. typically used to access groundwater for the extraction of samples.

97. **DEWATERING WELL:** A dewatering well is a well used to lower groundwater levels to allow for construction  
98. or use of underground spaces.

99. **INDUSTRIAL/COMMERCIAL WELL:** An industrial/commercial well is a nonpotable well used to extract  
100. groundwater for any nonpotable use, including groundwater thermal exchange wells (heat pumps and heat  
101. loops).

102. **WELL USE STATUS:** Indicate the use status of each well. CHECK ONLY ONE (1) BOX PER WELL.

103. **IN USE:** A well is "in use" if the well is operated on a daily, regular, or seasonal basis. A well in use includes  
104. a well that operates for the purpose of irrigation, fire protection, or emergency pumping.

105. **NOT IN USE:** A well is "not in use" if the well does not meet the definition of "in use" above and has not been  
106. sealed by a licensed well contractor.

107. **SEALED:** A well is "sealed" if a licensed contractor has completely filled a well by pumping grout material  
108. throughout the entire bore hole after removal of any obstructions from the well. A well is "capped" if it has  
109. a metal or plastic cap or cover which is threaded, bolted or welded into the top of the well to prevent entry  
110. into the well. A "capped" well is not a "sealed" well.

111. If the well has been sealed by someone other than a licensed well contractor or a licensed well sealing  
112. contractor, check the well status as "not in use."

113. If you have any questions, please contact the Minnesota Department of Health, Well Management Section,  
114. at (651) 201-4587 (metropolitan Minneapolis-St. Paul) or 1-800-383-9808 (greater Minnesota).

MN-DS:W-3 (8/17)

THE WELL IS NOT USED FOR THE  
IRRIGATION SYSTEM. WE HAVE A  
PUMPING SYSTEM THAT DRAWS WATER  
FROM MOONEY LAKE FOR THE ENTIRE  
PROPERTY.

*See attached  
Jan 9/25/15*

17

Minnesota Unique Well No. **207129**  
County Hennepin  
Quad Hamel  
Quad ID 121D

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
Minnesota Statutes Chapter 1031

Entry Date 08/24/1991  
Update Date 04/14/2015  
Received Date

Well Name GROVES, FRANKLIN N		Well Depth 353 ft.	Depth Completed 353 ft.	Date Well Completed 10/30/1958
Township Range Ntr Section Subsections Elevation 1006 ft.		Drilling Method --		
118 23 W 25 BDDDBA Elevation Method 7.5 minute topographic map (+/- 5 feet)				
Well Address 1482 HUNTER DR PLYMOUTH MN		Drilling Fluid --	Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From Ft. to Ft.	
		Use Domestic Status Active		
Geological Material Color Hardness From To		Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Above/Below ft.		
CLAY	YELLOW	0	34	
GRAVEL	LIGHT	34	44	
SAND	BROWN	44	82	
GRAVEL	DARK	82	97	
CLAY AND SAND LAYERS	DK. BRN	97	124	
SAND	TAN	124	141	
CLAY	BROWN	141	288	
SHAKOPEE	PINK	288	353	
		Casing Diameter 5 in. to 288 ft.	Weight lbs./ft.	Hole Diameter
		Open Hole from 288 ft. to 353 ft.		
		Screen NO	Make	Type
		Diameter	Slot/Gauze	Length Set Between
		Static Water Level 134 ft. from Land surface Date Measured 10/30/1958		
		PUMPING LEVEL (below land surface) 139 ft. after hrs. pumping 35 g.p.m.		
		Well Head Completion Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
NO REMARKS		Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Specified		
Located by: Minnesota Geological Survey		Method: Digitized - scale 1:24,000 or larger (Digitizing Table)		
Unique Number Verification: N/A		Input Date: 01/01/1990		
System: UTM - NAD83, Zone 15, Meters		X: 457986 Y: 4983114		
		Nearest Known Source of Contamination _feet _direction _type		
		Well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		Pump <input checked="" type="checkbox"/> Not Installed Date Installed 11/01/1958		
		Manufacturer's name DEMING Model number 7AH4		
		HP 2 Volts		
		Length of drop Pipe 182 ft. Capacity 30 g.p.m.		
		Type Material Galvanized		
		Abandoned Wells Does property have any not in use and not sealed well (s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Group		Well Contractor Certification Renner E.H. & Sons 27015		
Last Strat Prairie Du Chien Group Depth to Bedrock 288 ft.		License Business Name Lic. Or Reg. No. Name of Driller		
County Well Index Online Report		207129		Printed 9/25/2015 IIE-01205-07





A trusted name in the water well industry since 1958.

Date  
3/18/2011

Invoice #  
6517

MN License #1838

www.tlstevenwell.com

6250 Highway 12 West  
Maple Plain, MN 55359

Phone: 763-479-2272

Fax: 763-479-2198

**PAID**  
03/30/2011

**Invoice To**

ELIZABETH VILLAFANA  
1482 HUNTER DRIVE  
WAYZATA MN 55391

**Job Site Address**

ELIZABETH VILLAFANA  
1482 HUNTER DRIVE  
WAYZATA, MN 55391

Quantity	Unit	Description	Price Each	Amount
3.5	Hours	03/17/2011: Labor to install the constant pressure equipment in the house.	205.00	717.50
1	Each	CP Mounting Bracket	50.28	50.28
1	Each	CP Control Box	576.60	576.60
1	Each	CP Pressure Tank (WX-102)	209.70	209.70
1	Each	CP Tank Tee	68.72	68.72
1	Each	Liquid Filled Pressure Gauge	19.50	19.50
1	Each	3/4" Boiler Drain	7.99	7.99
1	Each	3/4" Relief Valve	15.18	15.18
1	Each	3/4" x 1" Brass Bushing	3.95	3.95
1	Each	1" Brass/Poly Adaptor	12.62	12.62
3.5	Feet	1 1/4" Copper pipe	8.45143	29.58
2	Each	1 1/4" Copper Female Adaptor	17.50	35.00
1	Each	1 1/4" Copper 90 Degree Elbow	8.84	8.84
2	Each	1 1/4" Copper 90 Degree Street Elbow	12.36	24.72
1	Each	1 1/4" Copper Coupling	11.23	11.23
1	Each	1/2" Copper Male Adaptor	1.76	1.76
1	Each	1" x 1/2" Schedule 80 PVC Bushing	3.50	3.50
1	Each	1/2" Liquid Tight with Ring	8.90	8.90
		Total invoice price is	\$1,805.57	
		Down payment received	\$ 800.00	
		Balance remaining is	\$1,005.57	

**Balance Due \$0.00**

Thank you for this opportunity  
to be of service.

We appreciate your business.



a trusted name in the water well industry since 1958.

Date  
6/27/2008

Invoice #  
5389

MN License #1838  
www.tstevenswell.com

19

**PAID**  
07/01/2008

**Invoice To**

**Job Site Address**

ELIZABETH VILLAFANA  
1482 HUNTER DRIVE  
WAYZATA MN 55391

MANNY VILLAFANA  
1482 HUNTER DRIVE  
WAYZATA, MN 55391

Quantity	Unit	Description	Price Each	Amount
1	Flat	06/24/08: Service call. The customer was out of water. The technician's diagnosis revealed a bad pump. The technician made arrangements for the pump to be changed out.	107.00	107.00
4	Hours	06/24/2008: 2 Technicians/Truck; removed the existing equipment from the well and installed a constant pressure (ready) pump and associated equipment.	157.00	628.00
1	Each	1.5 HP, 22 GPM Constant Pressure Pump (22SQE-15C-220)	1,096.63	1,096.63
1	Each	Pressure Switch	20.12	20.12
1	Each	Liquid Filled Pressure Gauge	19.50	19.50
160	Feet	1 1/4" Schedule 80 PVC Drop Pipe	2.16	345.60
167	Feet	12/3 Sub Wire	1.29	215.43
1	Each	Splice Kit	5.91	5.91
3	Each	Wire Nuts	0.25	0.75
1	Each	6" O-Ring	15.99	15.99
1	Each	1 1/4" Brass Check Valve	39.78	39.78
2	Each	1 1/2" x 1 1/4" Brass Bushing	9.45	18.90

**Balance Due \$0.00**

Thank you for this opportunity  
to be of service.  
We appreciate your business.



**DISCLOSURE STATEMENT: SUBSURFACE  
SEWAGE TREATMENT SYSTEM**

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1. Date AUGUST 28, 2018
2. Page 1 of \_\_\_\_\_ pages:
3. THE REQUIRED MAP IS ATTACHED AND MADE A
4. PART OF THIS DISCLOSURE

5. Property located at 1482 Hunter Drive in the City of Medina  
 6. County of Hennepin State of Minnesota, legally described as follows or on  
 7. attached sheet (the "Property") REG. LAND SURVEY NO. 1049 TRACT C EX ROAD

8. \_\_\_\_\_  
 9. This disclosure is not a warranty of any kind by Seller(s) or any licensee(s) representing or assisting any party(ies) in  
 10. this transaction, and is not a substitute for any inspections or warranties the party(ies) may wish to obtain.

11. **BUYER(S) AND SELLER(S) MAY WISH TO OBTAIN PROFESSIONAL ADVICE AND/OR INSPECTIONS OF THE**  
 12. **SUBSURFACE SEWAGE TREATMENT SYSTEM AND TO PROVIDE FOR APPROPRIATE PROVISIONS IN A**  
 13. **CONTRACT BETWEEN BUYER(S) AND SELLER(S) WITH RESPECT TO ANY ADVICE/INSPECTION/DEFECTS.**

14. **SELLER'S INFORMATION:** The following Seller disclosure satisfies MN Statutes Chapter 115.55. Seller discloses  
 15. the following information with the knowledge that even though this is not a warranty, prospective Buyers may rely on  
 16. this information in deciding whether and on what terms to purchase the Property. The Seller(s) authorizes any  
 17. licensee(s) representing or assisting any party(ies) in this transaction to provide a copy of this statement to any person  
 18. or entity in connection with any actual or anticipated sale of the Property.

19. Unless Buyer and Seller agree to the contrary in writing before the closing of the sale, a Seller who fails to disclose  
 20. the existence or known status of a subsurface sewage treatment system at the time of sale, and who knew or had  
 21. reason to know of the existence or known status of the system, is liable to Buyer for costs relating to bringing the  
 22. system into compliance with subsurface sewage treatment system rules and for reasonable attorney fees for collection  
 23. of costs from Seller. An action under this subdivision must be commenced within two years after the date on which  
 24. Buyer closed the purchase of the real property where the system is located.

25. Legal requirements exist relating to various aspects of location and status of subsurface sewage treatment systems.  
 26. Buyer is advised to contact the local unit(s) of government, state agency, or qualified professional which regulates  
 27. subsurface sewage treatment systems for further information about these issues.

28. The following are representations made by Seller(s) to the extent of Seller(s) actual knowledge. This information is a  
 29. disclosure and is not intended to be part of any contract between Buyer and Seller.

30. **SUBSURFACE SEWAGE TREATMENT SYSTEM DISCLOSURE:** *(Check the appropriate boxes.)*

31. Seller certifies that the following subsurface sewage treatment system is on or serving the above-described Property.

32. TYPE: *(Check appropriate box(es) and indicate location on attached Location Map.)*

33.  Septic Tank:  with drain field  with mound system  seepage tank  with open end

34. Is this system a straight-pipe system?  Yes  No  Unknown

35.  Sealed System (holding tank)

36.  Other (Describe.): 3-2000 gallon concrete septic tanks

37. Is the subsurface sewage treatment system(s) currently in use?  Yes  No

38. Is the above-described Property served by a subsurface sewage treatment system  
 39. not located on the Property?  Yes  No

40. If "Yes," please explain: \_\_\_\_\_

41. \_\_\_\_\_

42. If "No," is subsurface sewage treatment system entirely within Property boundary lines,  
 43. including set back requirements? yes

44. Comments: \_\_\_\_\_



**DISCLOSURE STATEMENT: SUBSURFACE  
SEWAGE TREATMENT SYSTEM**

45. Page 2

46. Property located at 1482 Hunter Drive Medina MN 55391

47. Is the subsurface sewage treatment system(s) a shared system?  Yes  No

48. If "Yes,"

49. (1) How many properties or residences does the subsurface sewage treatment system serve?

50. \_\_\_\_\_

51. (2) Is there a maintenance agreement for the shared subsurface sewage treatment system?  Yes  No

52. If "Yes," what is the annual maintenance fee? \$ \_\_\_\_\_

53. **NOTE: If any water use appliance, bedroom, or bathroom has been added to the Property, the system may**  
54. **no longer comply with applicable sewage treatment system laws and rules.**

55. Seller or transferor shall disclose to Buyer or transferee what Seller or transferor has knowledge of relative to the  
56. compliance status of the subsurface sewage treatment system. \_\_\_\_\_

57. \_\_\_\_\_

58. \_\_\_\_\_

59. Any previous inspection report in Seller's possession must be attached to this Disclosure Statement.

60. When was the subsurface sewage treatment system installed? 9/28/2001

61. Installer Name/Phone KOTHRAD SEWER and WATER

62. Where is tank located? BACK of HOUSE

63. What is tank size? 3 - 2000 gallon concrete tanks

64. When was tank last pumped? 6-4-2018

65. How often is tank pumped? 3 year pumping cycle

66. Where is the drain field located? IN FRONT / SIDE of HOUSE

67. What is the drain field size? 440' ; 7 LINES ; 3' TRENCH

68. Describe work performed to the subsurface sewage treatment system since you have owned the Property.

69. COMPLETE REPLACEMENT 2001

70. \_\_\_\_\_

71. Date work performed/by whom: KOTHRAD SEWER ; WATER 9/28/2001

72. \_\_\_\_\_

73. Approximate number of:  
74. people using the subsurface sewage treatment system 2

75. showers/baths taken per week 14

76. wash loads per week 10

77. **NOTE: Changes in the number of people using the subsurface sewage treatment system or volume of water**  
78. **used may affect the subsurface sewage treatment system performance.**

79. Distance between well and subsurface sewage treatment system? 500' - 1000'

80. Have you received any notices from any government agencies relating to the subsurface sewage treatment system?

81. (If "Yes," see attached notice.)  Yes  No

82. Are there any known defects in the subsurface sewage treatment system?  Yes  No

83. If "Yes," please explain: \_\_\_\_\_

84. \_\_\_\_\_

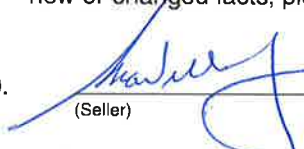

85. \_\_\_\_\_

87. Property located at 1482 Hunter Drive Medina MN 55391

88. **SELLER'S STATEMENT:** *(To be signed at time of listing.)*

89. Seller(s) hereby states the facts as stated above are true and accurate and authorizes any licensee(s) representing or  
90. assisting any party(ies) in this transaction to provide a copy of this Disclosure Statement to any person or entity in  
91. connection with any actual or anticipated sale of the property. A seller may provide this Disclosure Statement to a real  
92. estate licensee representing or assisting a prospective buyer. The Disclosure Statement provided to the real estate  
93. licensee representing or assisting a prospective buyer is considered to have been provided to the prospective buyer.  
94. If this Disclosure Statement is provided to the real estate licensee representing or assisting the prospective buyer, the  
95. real estate licensee must provide a copy to the prospective buyer.

96. **Seller is obligated to continue to notify Buyer in writing of any facts that differ from the facts disclosed here**  
97. **(new or changed) of which Seller is aware that could adversely and significantly affect the Buyer's use or**  
98. **enjoyment of the property or any intended use of the property that occur up to the time of closing.** To disclose  
99. new or changed facts, please use the *Amendment to Disclosure Statement* form.

100.  \_\_\_\_\_ 8/28/18  \_\_\_\_\_ 8/28/18  
(Seller) (Date) (Seller) (Date)

101. **BUYER'S ACKNOWLEDGEMENT:** *(To be signed at time of purchase agreement.)*

102. I/We, the Buyer(s) of the property, acknowledge receipt of this *Disclosure Statement: Subsurface Sewage Treatment*  
103. *System and Location Map* and agree that no representations regarding facts have been made other than those made  
104. above.

105. \_\_\_\_\_  
(Buyer) (Date) (Buyer) (Date)

106. **LISTING BROKER AND LICENSEES MAKE NO REPRESENTATIONS HERE AND ARE**  
107. **NOT RESPONSIBLE FOR ANY CONDITIONS EXISTING ON THE PROPERTY.**

CITY OF Medina  
WORKSHEET FOR SEWAGE DISPOSAL WORK

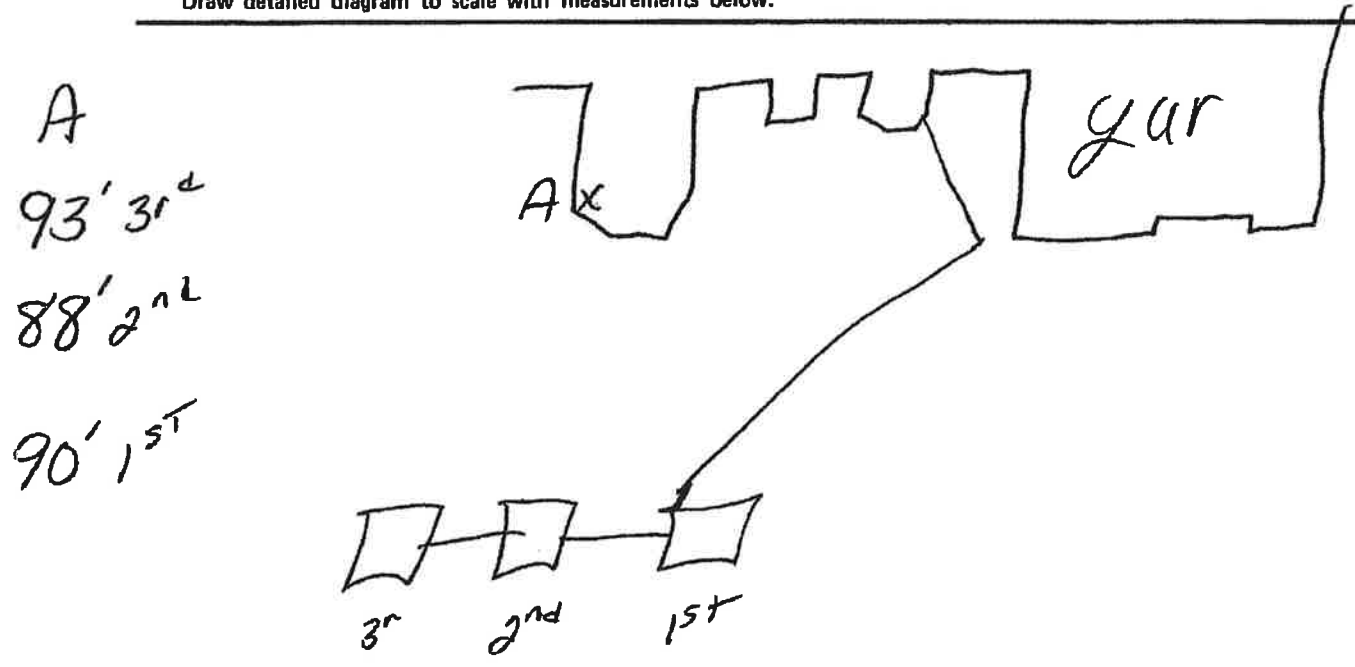
Inspector Bruce Building Permit No. 4247 Date 9-17-01  
Owner \_\_\_\_\_ Fee \_\_\_\_\_  
Property Address 1482 Hunter Dr Kind of Building SFD  
Plumbing Contractor-Outside Sewage Disposal \_\_\_\_\_

Septic Tanks  
Material concrete Capacities 3-2000  
Proper Outlet & Inlet? \_\_\_\_\_ Baffle Plates? \_\_\_\_\_

Drain Field:  
Total length of lines 440ft Number of lines 7  
Type of soil Loam Percolation Test \_\_\_\_\_  
Width of trench 3' Type of filter material \_\_\_\_\_  
Amount of filter material below line \_\_\_\_\_  
Depth from top of tile to finished grade \_\_\_\_\_

Check Vents \_\_\_\_\_ Check Caulking \_\_\_\_\_  
Check Grade in Horizontal Waste Pipes \_\_\_\_\_ Clean Outs \_\_\_\_\_  
Tonage or Yards of Filter Material \_\_\_\_\_ Total Sq. Footage of Drain Field 1322  
Sand \_\_\_\_\_ Rock 110yd  
Overall Size of Mound System \_\_\_\_\_ Size of Mound System Rock Filter Material \_\_\_\_\_

Draw detailed diagram to scale with measurements below.



- FLOW**  
 A. Estimated 1200 gpd ~~882~~.  
 measured \_\_\_\_\_ x 1.5 = \_\_\_\_\_ gpd  
**SEPTIC TANK VOLUME**  
 B. 2 - 2000 gallons

- SOILS (Site evaluation data)**  
 C. Depth to restricting layer = 5'-6" TO 7" feet  
 D. Maximum depth of system C - 3 ft = 2.5 feet  
 E. Texture LOESS Percolation rate \_\_\_\_\_ MPI  
 F. SSF \_\_\_\_\_ sq ft/gpd  
 G. Slope \_\_\_\_\_ %

**TRENCH BOTTOM AREA**  
 H. For trenches with 6 inches of rock below the pipe:  
 $A \times F = \text{_____} \times \text{_____} = \text{_____}$  sq ft of bottom area  
 I. For trenches with 12 inches of rock below the pipe:  
 $A \times F \times 0.8 = \text{_____} \times \text{_____} \times 0.8 = \text{_____}$  sq ft of bottom area  
 J. For trenches with 18 inches of rock below the pipe:  
 $A \times F \times 0.66 = \text{1200} \times \text{1.67} \times 0.66 = \text{1322}$  sq ft of bottom area  
 K. For trenches with 24 inches of rock below the pipe:  
 $A \times F \times 0.6 = \text{_____} \times \text{_____} \times 0.6 = \text{_____}$  sq ft of bottom area  
**BED BOTTOM AREA**  
 L. For seepage beds with 6 or 12 inches of rock below the pipe:  
 $1.5 \times A \times F = 1.5 \times \text{_____} \times \text{_____} = \text{_____}$  sq ft of bottom area

- ROCK VOLUME IN CU FT**  
 M. Rock depth below distribution pipe plus 0.5 foot times bottom area:  
 $M = \text{Rock depth} + 6 \text{ inches} \times \text{Area (H, I, J, L, K)}$   
 $(1.5 + 0.5 \text{ ft}) \times 1322 = 2444$  cu ft  
**ROCK VOLUME IN CU YDS**  
 N. Volume in cu ft divided by 27  
 $M + 27 = \text{cu yds } 2444 + 27 = 94$  cu yds  
**ROCK WEIGHT**  
 O. Cubic yards times 1.4 = tons  
 $N \times 1.4 = \text{tons } 94 \times 1.4 = 132$  tons

**SYSTEM LENGTH**  
 P. Select trench width = 3.0 ft.  
 Q. Divide bottom area by trench width: (H, I, J, or K) ÷ P = lineal feet  
 $1322 \div 3.0 = 442$  lineal feet  
 Q1. Gravelless Design  
 $A \times F + (3 \text{ for } 10" \text{ pipe, } 2 \text{ for } 8" \text{ pipe, width of the Chamber})$   
 $\text{_____} \times \text{_____} + \text{_____} = \text{_____}$  feet

- LAWN AREA**  
 R. Select trench spacing, center to center = 6 feet  
 S. Multiply trench spacing by lineal feet R x Q = sq ft of lawn area  
 $440 \times 6 = 3520$  sq ft

- LAYOUT (Use other side)**  
 1. Select an appropriate scale; one square = \_\_\_\_\_ feet.  
 2. Show pertinent property boundaries, right-of-way, easements.  
 3. Show location of house, garage, driveway, and all other improvements, existing or proposed.  
 4. Show location and layout of sewage treatment system.  
 5. Show location of water supply well.  
 6. Dimension all set backs and separation distances.

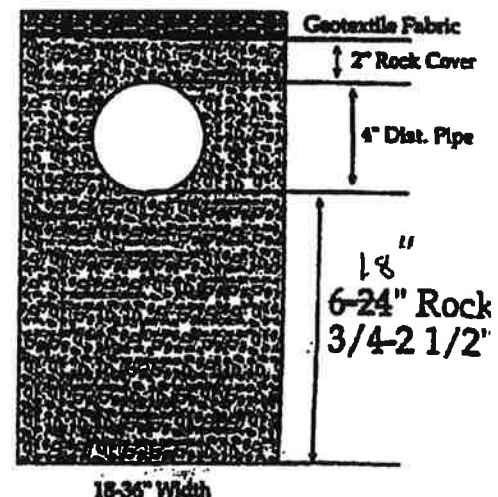
Number of Bedrooms	Type I	Type II	Type III	Type IV
2	300	225	180	60% of the values in Type I, II or III columns
3	450	300	218	
4	600	375	236	
5	750	450	294	
6	900	525	332	
7	1050	600	370	
8	1200	675	408	

Number of Bedrooms	Minimum Liquid Capacity	Liquid capacity with garbage disposal	Liquid capacity with domestic RW inside
2 or less	750	1125	1500
3 or 4	1000	1500	2000
5 or 6	1500	2250	3000
7, 8 or 9	2000	3000	4200

Percolation Rate in Minutes per inch (MPI)	Soil Texture	Square feet per gallon per day
Faster than 0.1*	Coarse Sand	—
0.1 to 5	Sand	0.83
0.1 to 5	Fine Sand**	1.67
6 to 15	Sandy Loam	1.27
16 to 30	Loam	1.87
31 to 45	Silt Loam	2.00
46 to 60	Clay Loam	2.50
Slower than 60***	Clay	—

- \* Soil too coarse for sewage treatment. Use systems for rapidly permeable soils.
- \*\* Soil having 50% or more of fine sand plus very fine sand.
- \*\*\* Soil with too high a percentage of clay for installation of an inground standard system.

6 inches = 0% Reduction\*  
 12 inches = 20% Reduction  
 18 inches = 34% Reduction  
 24 inches = 40% Reduction  
 \* sizing for gravelless-trench



**PUMP SELECTION PROCEDURE**

DUPLEX PANEL

**A. Determine pump capacity:**

**Gravity Distribution**

1. Minimum suggested is 20 gpm
2. Maximum suggested is 45 gpm

**Pressure Distribution**

3. a. Select number of perforated laterals \_\_\_\_\_
- b. Select perforation spacing = \_\_\_\_\_ feet.
- c. Subtract 2 ft. from the rock layer length.  
Rock layer length - 2 ft. = \_\_\_\_\_ feet.
- d. Determine the number of spaces between perforations.  
Length perf. spacing = \_\_\_\_\_ ft. ÷ \_\_\_\_\_ ft. = \_\_\_\_\_ spaces
- e. \_\_\_\_\_ spaces + 1 = \_\_\_\_\_ perforations/lateral
- f. Multiply perforations per lateral by number of laterals to get total number of perforations. \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ perforations.
- g. \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ gpm.

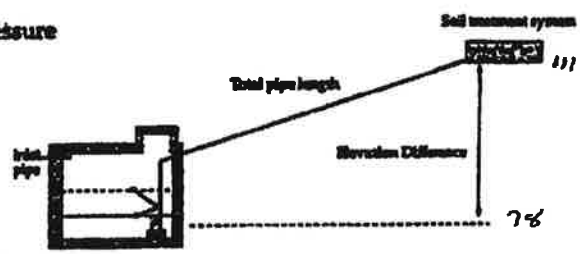
Head (feet)	Perforation diameter (inches)	
	7/32	1/4
1.0a	0.56	0.78
1.5	0.69	0.90
2.0b	0.80	1.04

a Use 1.0 foot single homes.  
b Use 2.0 feet for anything else.

SELECTED PUMP CAPACITY 45 gpm MAX.

**B. Determine head requirements:**

1. Elevation difference between pump and point of discharge. 33 feet
2. If pumping to a pressure distribution system, five feet for pressure required at manifold if gravity system, zero. \_\_\_\_\_ feet
3. Friction loss
  - a. Enter friction loss table with gpm and pipe diameter. Read friction loss in feet per 100 feet from table (F-14).  
F.L. = 3.25 ft./100 ft of pipe
  - b. Determine total pipe length from pump to discharge point. Estimate by adding 25 percent to pipe length for fitting loss, or use a fitting loss chart (F-15 \_\_\_\_\_ feet).  
Equivalent pipe length - 1.25 times pipe length =  
470 x 1.25 = 588 feet
  - c. Calculate total friction loss by multiplying friction loss in ft/100 ft by equivalent pipe length.  
Total friction loss = 3.25 x 588 ÷ 100 = 19 feet
4. Total head required is the sum of elevation difference, special head requirements, and total friction loss.



$$\frac{33}{(1)} + \frac{-}{(2)} + \frac{19}{(3c)} = \text{TOTAL HEAD } \underline{52} \text{ feet}$$

Flow Rate gpm	Nominal pipe dia.		
	1.5"	2"	3"
20	2.47	0.73	0.11
25	3.73	1.11	0.16
30	5.23	1.55	0.23
35	6.96	2.06	0.30
40	8.91	2.64	0.39
45	11.07	3.28	0.48
50	13.46	3.99	0.58
55		4.76	0.70
60		5.60	0.82
65		6.48	0.95
70		7.44	1.09

**C. Pump selection**

2 pumps must be selected to deliver at least 45 gpm (Step A) with at least 52 feet of total head (Step B).





### LOCATION MAP

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1. Page 1 of 5 pages

2. Please use the space below to sketch the real property being sold and, to Seller's knowledge, the approximate location of any of the following on the property.

4.  SUBSURFACE SEWAGE TREATMENT SYSTEM  WELL  METHAMPHETAMINE PRODUCTION AREA  
(Check all that apply.)

5. Include approximate distances from fixed reference points such as streets, buildings and landmarks.

6. Property located at 1482 Hunter Dr

7. Medina, MN 55391

see attached

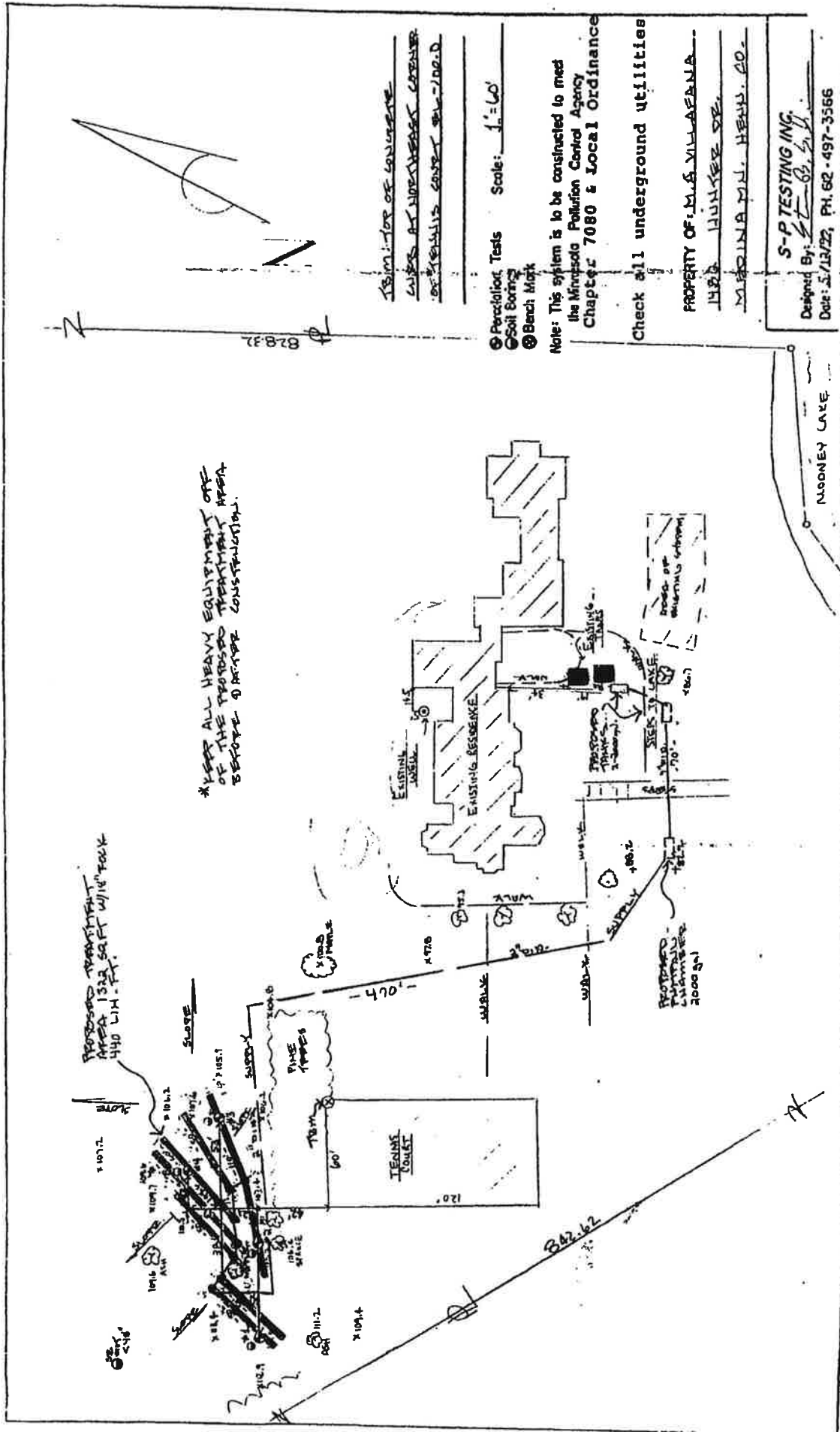
8. ATTACH ADDITIONAL SHEETS AS NEEDED.

9. Seller and Buyer initial: [Signature] (Seller) \_\_\_\_\_ (Date) \_\_\_\_\_ (Buyer) \_\_\_\_\_ (Date)

10. [Signature] (Seller) \_\_\_\_\_ (Date) \_\_\_\_\_ (Buyer) \_\_\_\_\_ (Date)

11. ORIGINAL COPY TO LISTING BROKER; COPIES TO SELLER, BUYER, SELLING BROKER





ISIM: TOP OF CONCRETE  
 CURBS AT NORTHWEST CORNER  
 OF TRENCHES CORRECT 828.100.0

Percolation Tests Scale: 1" = 60'  
 Soil Borings  
 Bench Mark

Note: This system is to be constructed to meet the Minnesota Pollution Control Agency Chapter 7080 & Local Ordinance

Check all underground utilities

PROPERTY OF: M.S. VILLAFRANA  
 1422 HUNTER DR.  
 MARIONA MN. 56455.00.

S-P TESTING INC.  
 Designed By: [Signature]  
 Date: 5/13/22, PH. 62-497-3566