

NOTES & SPECIAL PROVISIONS:

1. SCOPE AND SPECIFICATIONS:
 - 1.1. ALL CONSTRUCTION SHALL BE INSTALLED AS SPECIFIED IN THE MOST CURRENT EDITION OF THE MCA CONSTRUCTION STANDARDS USED IN CONSTRUCTION OF ON-SITE WASTEWATER DISPOSAL SYSTEMS AND IN ACCORDANCE WITH THE ALASKA DWSM AND PERTINENT SECTIONS OF A/C SCOPE OF WORK. ESTABLISH SPECIFIC RESERVE AREA AND PROPOSED WELL LOCATION.
 - 1.2. GROUNDWATER WAS ENCOUNTERED AT 12 FEET BELOW EXISTING GRADE AS EVIDENCED BY THE SOIL TEST HOLE. IF AN APPARENT WATER TABLE IS DISCOVERED IN ANY OF THE EXCAVATIONS LESS THAN 12 FEET BELOW EXISTING GRADE NOTIFY THE ENGINEER IMMEDIATELY.
2. CONSTRUCTION SPECIFICATIONS:
 - 2.1. ALL EXCAVATION DEPTHS ARE ADVISORY. THEY ARE TO BE VERIFIED AND MAY BE MODIFIED BY THE ENGINEER IF ACTUAL FIELD CONDITIONS WARRANT. EXCAVATION SHALL BE EXCAVATED TO THE DESIGN ELEVATION AT BEGINNING, MIDDLE AND END OF TRENCH BOTTOM. RECORD EXCAVATION DEPTHS ON THE FLOOR OF THE EXCAVATION. ANY MATERIAL COMPACTED BY OPERATOR SHALL BE REMOVED AND REPLACED WITH UNCOMPACTED MATERIAL. PLACE THE SEWER PIPE TO THE SPECIFIED DEPTHS. DO NOT CONTAMINATE SEWER ROCK WITH NATIVE MATERIAL OR SPOILS FROM EXCAVATION. LEVEL ROCK SURFACE TO $\pm 1"$ PRIOR TO INSTALLING THE PERFORATED PIPE.
 - 2.2. ALL PIPE SHALL BE PVC CONFORMING TO ASTM D2234 OR ENGINEER APPROVED EQUAL. MINIMUM SOIL COVER SHALL BE 3 FEET OVER THE PIPE AND 4 FEET OVER THE SEPTIC TANK. ONE INCH OF INSULATION MAY BE SUBSTITUTED FOR 1 FOOT OF SOIL COVER.
 - 2.3. COVER THE SEPTIC TANK OR LINES.
 - 2.4. GEOTEXTILE SHALL BE MINIMUM OF 2' OF SEWER ROCK AND COVER WITH GEOTEXTILE BEFORE PLACING INSULATION AND BACKFILL.
 - 2.5. MATERIAL USED AS FILL SHALL BE CLEAN AND FREE OF ORGANICS, TRASH AND CONSTRUCTION DEBRIS. FILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 6" MAXIMUM. SLOPE SHALL BE MAINTAINED AT OR NEAR THE DESIGN SLOPE. SLOPE SHALL BE MAINTAINED AT OR NEAR THE DESIGN SLOPE. SLOPE SHALL BE MAINTAINED AT OR NEAR THE DESIGN SLOPE.
 - 2.6. MAINTAIN 5' SEPARATION BETWEEN PERFORATED PIPE AND THE DRAIN FIELD TRENCH.
 - 2.7. EXPOSE, PUMP AND FILL LOG DISPOSAL CRIB OR CONCRETE TANK WITH SOL. TO ABANDON LAY WITH MCA CODE IF NEEDED.
3. CONTRACTOR RESPONSIBILITIES:
 - 3.1. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE SITE CONDITIONS AND LOCATIONS OF ALL LOT LINES, EASEMENTS, WELLS (E & P), SEPTIC SYSTEMS (E & P) AND SHALL MEET MINIMUM SEPARATION DISTANCES OR AS NOTED.
 - 3.2. THE CONTRACTOR (BOTH WELL AND SEPTIC SYSTEM CONTRACTORS) SHALL HAVE ANY WELL LOCATION AND SEPTIC LOCATION STAKED AND ANY LOT LINE AND WELL BOUNDS SHOWN ON THE PLAN WITHIN 30 FEET OF THE PROPOSED SYSTEM STAKED BY A REGISTERED LAND SURVEYOR BEFORE STARTING THE WORK.
 - 3.3. THE CONTRACTOR IS RESPONSIBLE FOR ALL R.O.W. AND OTHER REQUIRED PERMITS, OTHER THAN THE ATTACHED.
 - 3.4. THE CONTRACTOR SHALL CALL FOR LOCATION OF ALL BURIED UTILITIES.
 - 3.5. THE CONTRACTOR SHALL PROVIDE 24 HOUR NOTICE TO THE ENGINEER PRIOR TO START OF WORK. ALL STAKING AND LOCATES SHALL BE IN PLACE PRIOR TO NOTIFYING THE ENGINEER.
 - 3.6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCY BETWEEN THE APPROVED DRAWINGS AND FIELD CONDITIONS. THE CONTRACTOR SHALL SUBMIT RED-LINE AS-BUILT DRAWINGS TO THE ENGINEER. THE RED-LINES SHALL INCLUDE PIPE LENGTHS, ORIGINAL GROUND ELEVATIONS, PIPE ELEVATIONS, AND TANK ELEVATIONS.
 - 3.7. THE CONTRACTOR SHALL PROVIDE PHOTOGRAPHS OF THE SYSTEM INSTALLATION TO INCLUDE BOTTOM OF EXCAVATION, TOP OF PIPE WITH CLEAN-OUTS AND MONITOR TUBES INSTALLED, INSTALLED TANK AND FINAL GRADING.
 - 3.8. THE CONTRACTOR SHALL SIGN THE FOLLOWING. I CERTIFY THAT ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE APPROVED PERMITS AND ANY AND ALL CHANGE ORDERS, AND THAT THE AS-BUILT REDLINES ARE TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.

CONTRACTOR: _____

BY: _____

TITLE: _____

DATE: _____

TEST HOLE 20

1	OR	ORGANIC / DK BROWN / SILTY SAND / ORANGE
2	ML	
3		COBBLES
4	GP/SP	SAND & GRAVEL / GRAY
5		
6		
7		
8		
9	GP/SP	SAND & GRAVEL / LT GRAY
10		
11		
12		
13		
14	BOH	

SOILS LOG

READING	DATE	NET TUBE READING	WATER LEVEL READING	NET DROP (ft)	RAIL (ft)
1	20210621	7.5 MIN	6.843"	5.05"	1.44
2		7.5 MIN	7.637"	4.24"	1.7
3		7.5 MIN	7.600"	4.3"	1.7
4		7.5 MIN	7.600"	4.3"	1.7
5		7.5 MIN	7.600"	4.3"	1.7
6		7.5 MIN	7.600"	4.3"	1.7

WAS GROUND WATER ENCOUNTERED? ☒ YES

IF YES, AT WHAT DEPTH? 12.0'

SOL TEST RESULTS/ANALYSIS:
PERCOLATION RATE 4.7 (min/hr)
HYDRAULIC SOIL GROUP: HSG A)
PERC HOLE DIAMETER 6"
TEST RUN BETWEEN 3 FT AND 4 FT.
TEST RUN FOR OVER AN HOUR.
LAST THREE READINGS PROVIDED.

COMMENTS: Test hole excavated by ANDREWS & SONS

PERFORMED BY: Joseph Lawendowski. I CERTIFY THAT THIS TEST WAS PERFORMED IN ACCORDANCE WITH ALL STATE AND MUNICIPAL GUIDELINES IN EFFECT ON THE DATE OF THIS TEST.

DATE PERFORMED: 20210521
GROUNDWATER @ 12'**NOTES:**

SUBDIVISION SOILS LOG

DRAWN

JRL

SOIL LOG

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DATE: 20210618

SCALE: NTS

P.I.D. NO.

PERMIT NO.

SHEET: 1 OF 10