

DESIGN NOTES:

1. ALL HOMES ARE PLANNED AT 3 BEDROOM.
2. DRAINFIELD:

A) SOIL IS POORLY GRADED SAND (SP) AT THE WATERTABLE. NO PERCOLATION TEST REQUIRED FOR SP.

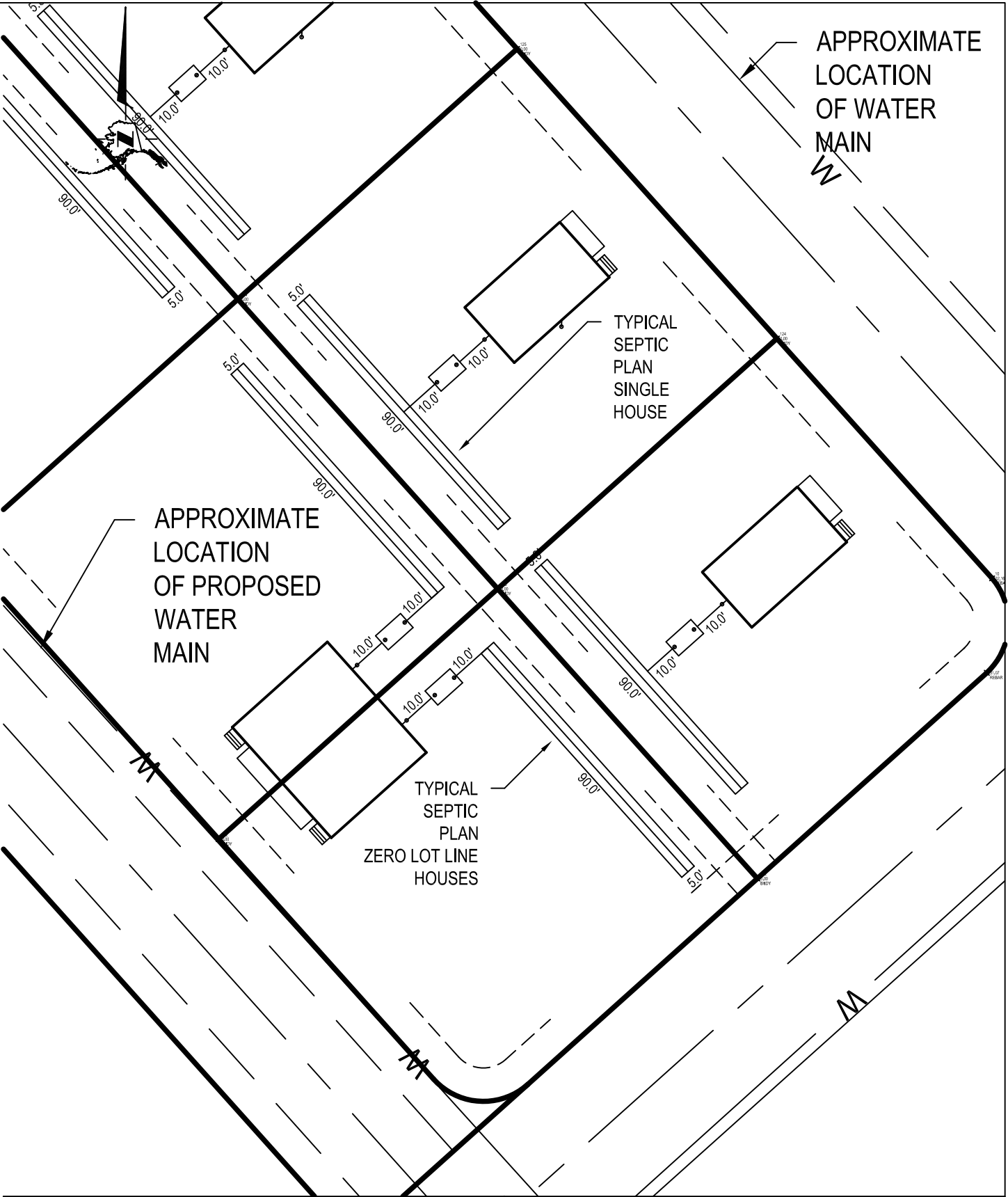
B) DRAINFIELD SIZE IS BASED ON 3 BEDROOMS AT 150 SF FOR 450 SF DRAINFIELD.

C) DRAINFIELD IS TO BE 5 FEET WIDE BY 90 FEET LONG SHALLOW TRENCH.

D) THE SILTY/SAND WILL BE EXCAVATED UNTIL REACHING THE POORLY GRADED SAND. BACKFILL WILL BE 3" MINUS SAND AND GRAVEL FOR A DEPTH OF 4 FEET. THEN PLACEMENT OF FINE GRADED CLEAN DRAIN ROCK.
3. SEPTIC TANK SIZING:

A) 1000 GALLON STEEL OR PLASTIC TWO COMPARTMENT TANK.

B) NO GARBAGE DISPOSAL.
4. TERRAIN IS RELATIVELY FLAT.
5. NO RIVER, STREAMS OR BODIES OF WATER WITHIN 200 FEET OF ANY LOT.
6. FINAL DEPTH OF BURY WILL BE DETERMINED AT TIME OF CONSTRUCTION.
7. ARCTIC PIPE OR INSULATION WILL BE REQUIRED IF DEPTH OF BURY IS LESS THAN 3'. NOTE FOR THOSE AREAS TO BE PLOWED IT IS RECOMMENDED THAT INSULATION BE PLACED OVER THE SEPTIC LINE, TANK AND DRAINFIELD.
8. ALL INSULATION IS TO EXTEND 4 FEET FROM EDGE OF TANK IN ALL DIRECTIONS.
9. IF DRAINFIELD REQUIRES INSULATION ALL INSULATION TO EXTEND 4 FEET FROM EDGE OF DRAINFIELD.
10. REFERENCE STATE OF ALASKA INSTALLERS MANUAL AND WASTEWATER REGULATIONS.
11. CITY WATER SUPPLY WILL BE USED. WATER MAIN ON AURORA STREET IS ±118 FEET FROM PROPOSED SEPTIC TANK AND ±138 FEET FROM PROPOSED DRAINFIELD. PROPOSED WATER MAIN ON PROPOSED SKIDDER STREET IS ±76 FEET FROM PROPOSED SEPTIC TANKS AND ±96 FEET FROM PROPOSED DRAINFIELD.



SEPTIC DESIGN		WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION:		BLUE SPRUCE SUBDIVISION			
		LOTS 1 THROUGH 20			
		VALDEZ, ALASKA			
STREET ADDRESS:		NHN AURORA STREET AND SKIDDER STREET		DATE:	11/4/17
PREPARED FOR:		BARD BARNETT		JOB#:	17045
				DRAWN:	MINISH
				CHECK:	MINISH
				SCALE:	1"= 40'
				DRAWING #:	17045 VALDEZ BLUE SPRUCE SUBD 171104
				SHEET:	2 OF 3
				REV#:	0