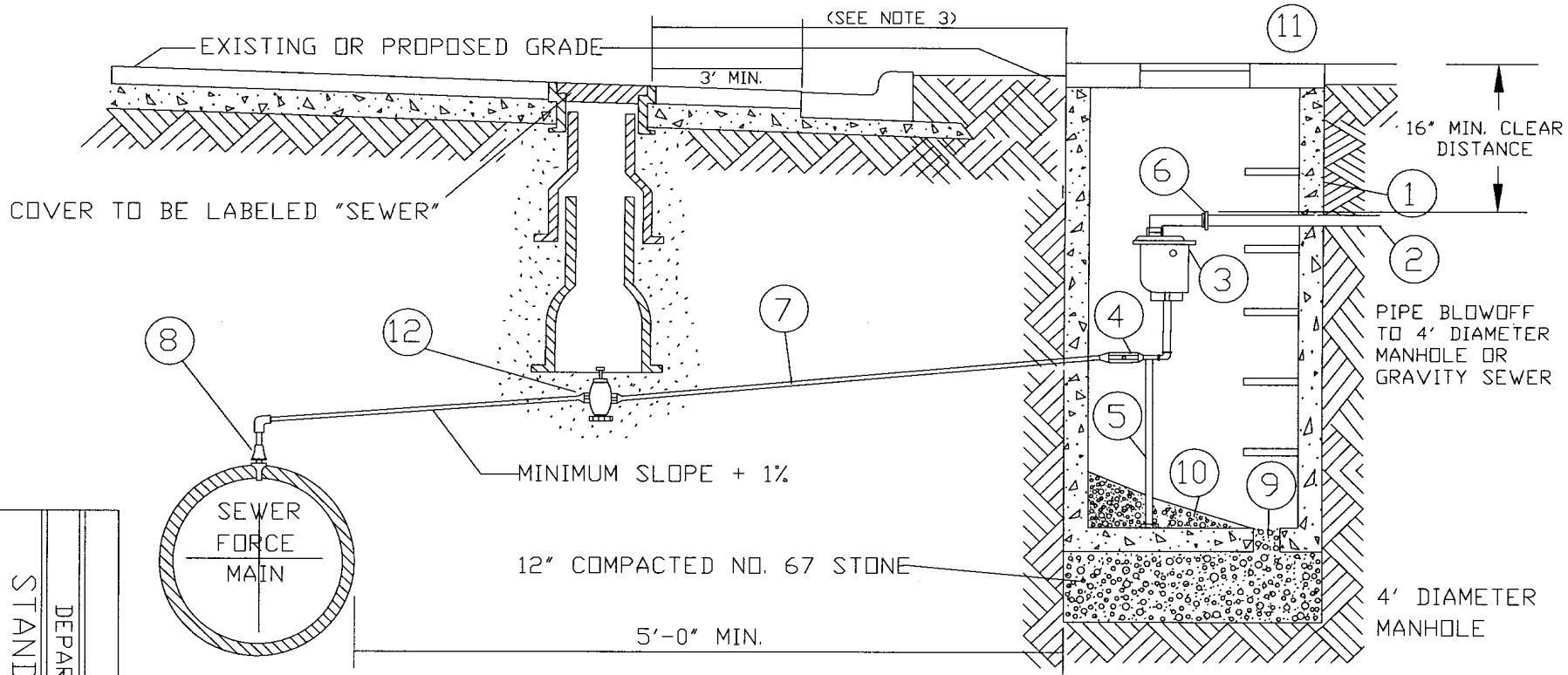

BILL OF MATERIALS

1	PRECAST MANHOLE W\ FLAT TOP
2	BLOW OFF PIPE SCD 80 PVC
3	2" AIR RELEASE VALVE
4	2"-SS BALL VALVE
5	PIPE STAND SUPPORT SS
6	2" UNION SCD 80 PVC
7	2" TYPE "K", SOFT COPPER WITH FLARED ELBOW
8	CORPORATION COCK
9	6" DIAMETER DRAIN
10	GROUT, 1/8" TO 1'-0" MIN. SLOPE TO DRAIN
11	36" x 30" HALLIDAY HATCH, ALUM.
12	2"-GATE VALVE

SEE STANDARD DETAIL S-4 & S-5 TO INSURE PROPER BACKFILL.

NOTE:

1. AIR RELEASE/VACUUM VALVE TO BE A.R.I. FLOW CONTROL MODEL SAAR SHORT VERSION D-025
2. THE AIR RELEASE MANHOLE SHALL BE INSTALLED IN THE SHOULDER OR AS DIRECTED BY THE ENGINEER.
3. FOR MAINS LOCATED OUTSIDE OF STREET RIGHT-OF-WAYS THE MAXIMUM DISTANCE BETWEEN THE MANHOLE AND THE VALVE BOX SHOULD BE THREE (3) FEET.
4. MAIN SHALL BE DEEP ENOUGH TO ACCOMODATE INSTALLATION AS SHOWN

CITY OF RALEIGH

DEPARTMENT OF PUBLIC UTILITIES

STANDARD SEWER FORCE MAIN AIR RELEASE VALVE

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-9		7-14-82		12-31-91
	LBN	9-30-04	RRH	3-30-00