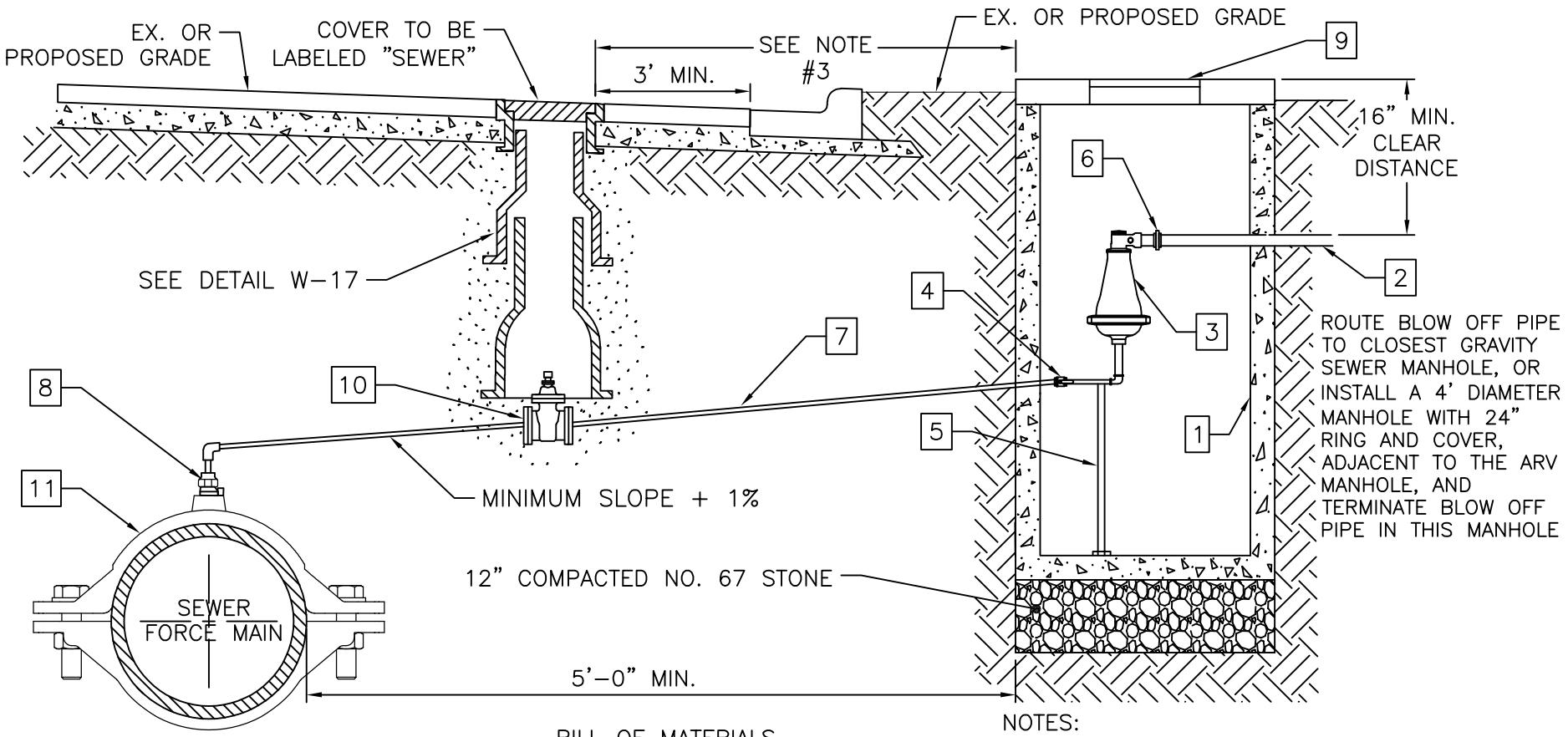

BILL OF MATERIALS

1	4' DIA. PRECAST MANHOLE W/ FLAT TOP
2	SCH. 80 PVC BLOW OFF PIPE W/ TRACER WIRE
3	2" AIR RELEASE/VACUUM VALVE
4	2" SST BALL VALVE
5	SST ADJUSTABLE SADDLE PIPE SUPPORT
6	2" UNION, SCH. 80 PVC
7	2" SCH. 80 PVC W/ TRACER WIRE
8	CITY STANDARD CORPORATION COCK
9	36" x 30" HALLIDAY HATCH, ALUMINUM
10	2" GATE VALVE W/ OPERATING NUT
11	TAPPING SADDLE

NOTES:

1. AIR RELEASE/VACUUM VALVE TO BE A.R.I. FLOW CONTROL MODEL SAAR SHORT VERSION D-025 SS (STAINLESS STEEL).
2. THE AIR RELEASE MANHOLE SHALL BE INSTALLED IN THE SHOULDER OR AS DIRECTED BY THE ENGINEER.
3. FOR FORCE 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 ACCOMMODATE INSTALLATION AS SHOWN.
5. SEE DETAIL S-4 & S-5 TO INSURE PROPER BACKFILL.
6. ALL PIPE MATERIALS INSIDE MANHOLE BETWEEN BALL VALVE & ARV SHALL BE SST.
7. TRACER WIRE SHALL BE ACCESSIBLE FROM WITHIN THE ARV MANHOLE.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS 07/2025

DATE: 01/18/2025

NOT TO SCALE

SEWER FORCE MAIN AIR RELEASE VALVE

S-9