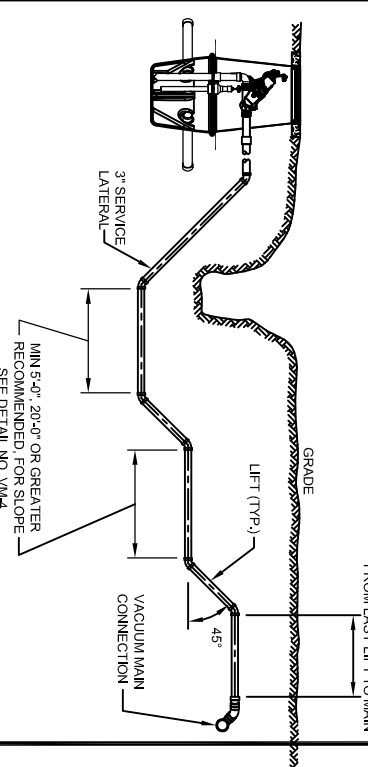


- NOTES:
1. ALL GROMMETS FOR VALVE PIT AND SUMP SUPPLIED BY AIRVAC.
  2. ALL HOLES IN VALVE PIT AND PIT BOTTOM ARE FACTORY CUT. ALL GRAVITY LINE CONNECTION OPENINGS IN THE SUMP ARE FIELD CUT.
  3. ONLY HOMES OR APARTMENTS WHOSE LOWER FLOOR ELEVATIONS ARE THE SAME SHOULD BE CONNECTED TO A COMMON VACUUM VALVE PIT INSTALLATION. IN THE HOME OWNERS' GRAVITY LINES, WITH MULTIPLE FLOOR APARTMENTS EACH FLOOR LEVEL SHOULD BE SERVICED BY ITS OWN VACUUM VALVE PIT PACKAGE.
  4. WHEN INSTALLING ANY PIPE THROUGH A GROMMET, USE ONLY WATER, MILD DETERGENT, OR SILICONE LUBRICANT. NEVER USE PPE JOINT GREASE.
  5. DO NOT INSTALL VACUUM VALVE UNTIL HOME GRAVITY LINES IS CONNECTED TO PIT PACKAGE AND AIRWAYS IN PLACE.

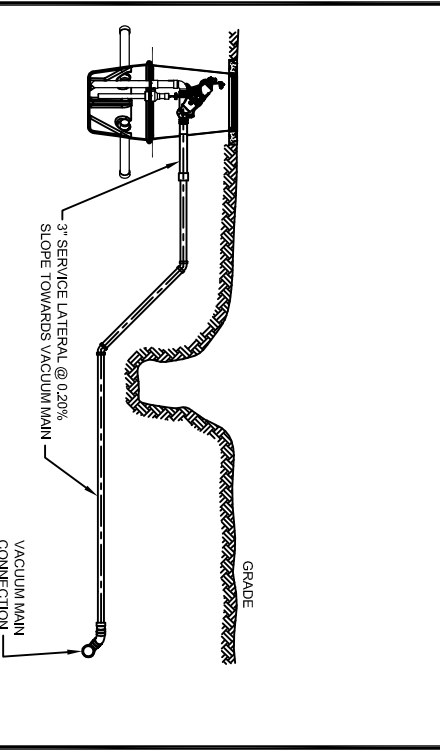


SERVICE LATERAL NOTES	
MINIMUM SLOPE ON 3" SERVICE LATERAL	0.20%
MINIMUM SLOPE BETWEEN LIFTS	SEE DETAIL NO. VM44
MAXIMUM NUMBER OF LIFTS	5
MINIMUM DISTANCE, VALVE PIT TO FIRST LIFT	5'-0"
MINIMUM DISTANCE, LAST LIFT TO VACUUM MAIN	5'-0"
MAXIMUM LIFT HEIGHT	3'-0"
RECOMMENDED LIFT HEIGHT	1'-0"

**SERVICE LATERAL - CROSSING A SWALE WITH LIFTS**

STANDARD DETAIL NO. VSJ-3H  
AIRVAC VACUUM DETAIL  
N.T.S.  
JULY 2011

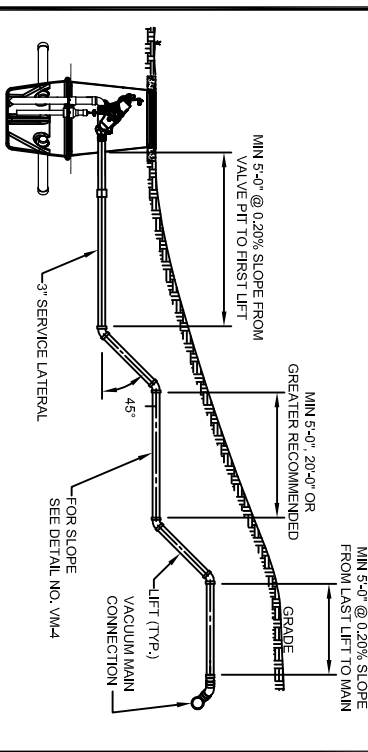
- NOTES:
1. ALL GROMMETS FOR VALVE PIT AND SUMP SUPPLIED BY AIRVAC.
  2. ALL HOLES IN VALVE PIT AND PIT BOTTOM ARE FACTORY CUT. ALL GRAVITY LINE CONNECTION OPENINGS IN THE SUMP ARE FIELD CUT.
  3. ONLY HOMES OR APARTMENTS WHOSE LOWER FLOOR ELEVATIONS ARE THE SAME SHOULD BE CONNECTED TO A COMMON VACUUM VALVE PIT INSTALLATION. IN THE HOME OWNERS' GRAVITY LINES, WITH MULTIPLE FLOOR APARTMENTS EACH FLOOR LEVEL SHOULD BE SERVICED BY ITS OWN VACUUM VALVE PIT PACKAGE.
  4. WHEN INSTALLING ANY PIPE THROUGH A GROMMET, USE ONLY WATER, MILD DETERGENT, OR SILICONE LUBRICANT. NEVER USE PPE JOINT GREASE.
  5. DO NOT INSTALL VACUUM VALVE UNTIL HOME GRAVITY LINES IS CONNECTED TO PIT PACKAGE AND AIRWAYS IN PLACE.



**SERVICE LATERAL - CROSSING A SWALE WITH NO LIFTS**

STANDARD DETAIL NO. VSJ-2H  
AIRVAC VACUUM DETAIL  
N.T.S.  
JULY 2011

- NOTES:
1. ALL GROMMETS FOR VALVE PIT AND SUMP SUPPLIED BY AIRVAC.
  2. ALL HOLES IN VALVE PIT AND PIT BOTTOM ARE FACTORY CUT. ALL GRAVITY LINE CONNECTION OPENINGS IN THE SUMP ARE FIELD CUT.
  3. ONLY HOMES OR APARTMENTS WHOSE LOWER FLOOR ELEVATIONS ARE THE SAME SHOULD BE CONNECTED TO A COMMON VACUUM VALVE PIT INSTALLATION. IN THE HOME OWNERS' GRAVITY LINES, WITH MULTIPLE FLOOR APARTMENTS EACH FLOOR LEVEL SHOULD BE SERVICED BY ITS OWN VACUUM VALVE PIT PACKAGE.
  4. WHEN INSTALLING ANY PIPE THROUGH A GROMMET, USE ONLY WATER, MILD DETERGENT, OR SILICONE LUBRICANT. NEVER USE PPE JOINT GREASE.
  5. DO NOT INSTALL VACUUM VALVE UNTIL HOME GRAVITY LINES IS CONNECTED TO PIT PACKAGE AND AIRWAYS IN PLACE.



SERVICE LATERAL NOTES	
MINIMUM SLOPE ON 3" SERVICE LATERAL	0.20%
MINIMUM SLOPE BETWEEN LIFTS	SEE DETAIL NO. VM44
MAXIMUM NUMBER OF LIFTS	5
MINIMUM DISTANCE, VALVE PIT TO FIRST LIFT	3'-0"
MINIMUM DISTANCE, LAST LIFT TO VACUUM MAIN	5'-0"
MAXIMUM LIFT HEIGHT	3'-0"
RECOMMENDED LIFT HEIGHT	1'-0"

**SERVICE LATERAL - UPHILL TO VACUUM MAIN**

STANDARD DETAIL NO. VSJ-1H  
AIRVAC VACUUM DETAIL  
N.T.S.  
JULY 2011

**FUTURE DETAIL**

N.T.S. STANDARD DETAIL NO. VSJ-3H

**AIRVAC VACUUM DETAIL**

NO. TITLE

REVISIONS

DATE

**SHEET NO. SD-3H**

**FUTURE DETAIL**

N.T.S. STANDARD DETAIL NO. VSJ-2H

**AIRVAC VACUUM DETAIL**

NO. TITLE

REVISIONS

DATE

**FUTURE DETAIL**

N.T.S. STANDARD DETAIL NO. VSJ-4H

**AIRVAC VACUUM DETAIL**

NO. TITLE

REVISIONS

DATE

IN CONSIDERATION OF THE RECEIPT OF THIS DOCUMENT, THE USER AGREES NOT TO REPRODUCE, COPY, USE, TRANSMIT THIS DOCUMENT AND/OR THE INFORMATION THEREIN CONTAINED IN WHOLE OR IN PART OR TO SUFFER SUCH ACTION BY OTHER, FOR ANY PURPOSE EXCEPT WITH THE WRITTEN PERMISSION OF AIRVAC, INC. AND FURTHER AGREES TO SURRENDER SAME TO AIRVAC, INC. UPON DEMAND.