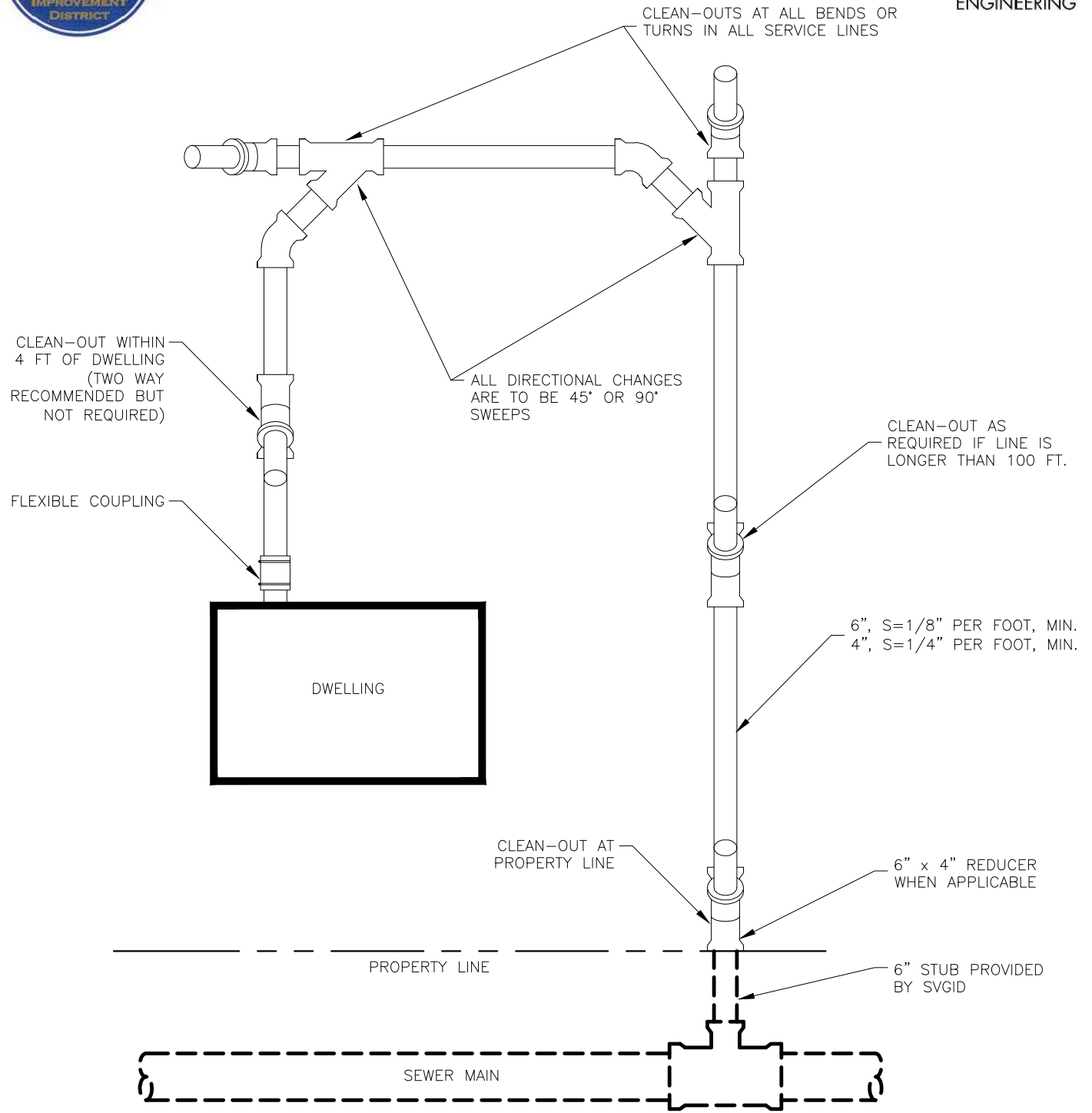




CLEAN-OUTS SEE SV-11B  
SEWER CONNECTION NOTES SEE SV11-C



PLAN VIEW

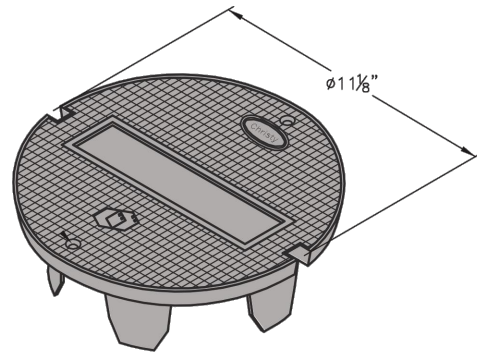


**CHRISTY®**  
**G-05 OR DISTRICT APPROVED OR EQUAL.**

**COVER**

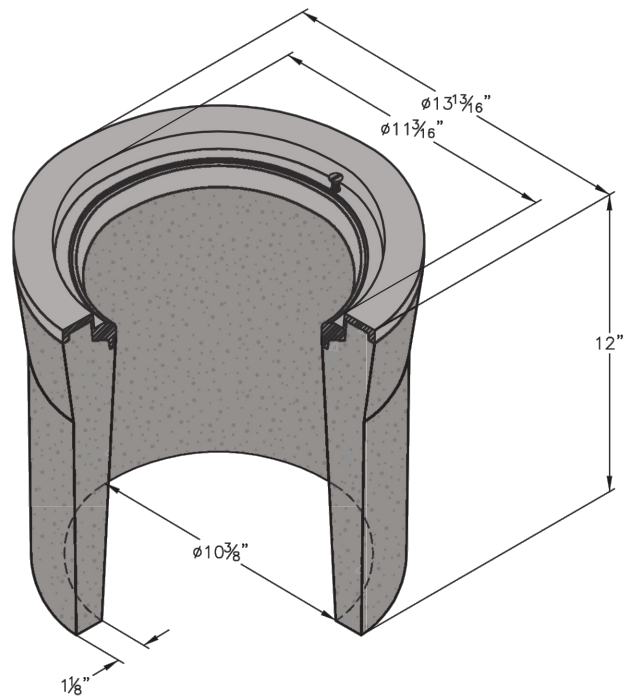
- Style: Flush
- Material: Cast Iron
- Model: 11" Dia.
- Weight: 14 lbs
- Options: Special Markings
- Surface: Skid Resistant & Marked\*
- Coefficient of Friction: >0.6 ASTM 1028
- Performance: H20, AASHTO

Cover comes standard with permanent markings for manufacturer, load rating, model size and manufacturing location.



**BODY**

- Material: Reinforced Concrete with Steel Frame
- Model: 14" Dia.
- Weight: 58 lbs
- Wall Type: Straight
- Mouseholes: 0
- Performance: H20, AASHTO



**GRADE RING**

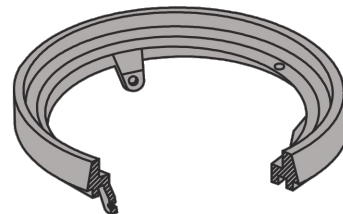
- Material: Cast Iron
- Grade Options: 1" Height  
1-1/2" Height  
2" Height

**LOAD RATING / NOTES**



TRAFFIC RATED  
 AASHTO H20

Actual load rating is determined by the box and cover combination.





DETAILED NOTES AND REFERENCES

- 1. LINE SIZES SHALL BE MINIMUM 4 INCHES IN DIAMETER (MINIMUM SLOPE=1/4"/FT) FOR EACH SINGLE FAMILY DWELLING. WHEN TWO OR MORE SINGLE FAMILY DWELLINGS ARE CONTRIBUTING TO A SERVICE LINE, THAT LINE MUST BE A MINIMUM OF 6 INCHES IN DIAMETER (MINIMUM SLOPE=1/8"/FT. WHEN 10 OR MORE UNITS, OR DWELLINGS, ARE CONTRIBUTING TO THE SERVICE LINE, THE DISTRICT SHALL CALCULATE AND DETERMINE LINE SIZE.
- 2. A TWO WAY CLEANOUT INSTALLATION WHERE THE SERVICE LINE EXITS THE RESIDENCE IS NOT REQUIRED, BUT IS VERY STRONGLY RECOMMENDED FOR THE CONVENIENCE OF THE OCCUPANT.
- 3. STATE LAW REQUIRES THAT ALL MOBILE HOMES HAVE A FLEXIBLE COUPLING ON THE SEWER LINE BETWEEN GROUND LEVEL AND CONNECTION TO THE HOME. THE PURPOSE IS TO ELIMINATE DAMAGE TO A RIGID SEWER LINE IN THE EVENT OF MOVEMENT SUCH AS EARTHQUAKE OR HIGH WINDS. THE DISTRICT REQUIRES A CAULDER COUPLING OR A DISTRICT APPROVED OR EQUAL.
- 4. A BACKFLOW VALVE IS REQUIRED FOR DWELLINGS THAT ARE BELOW CURB OR STREET LEVEL. THIS WILL PREVENT SEWAGE FROM BACKING UP INTO THE DWELLING IN CASE OF AN EMERGENCY.
- 5. THE UNIFORM PLUMBING CODE REQUIRES MINIMUM DEPTH OF 12 INCHES FOR SEWER SERVICE LINES, HOWEVER, THE DISTRICT RECOMMENDS 20 INCHES OF COVER AS A MINIMUM.
- 6. "HARD" 90 DEGREE TURNS ENCOURAGE THE BUILD UP OF SOLIDS AND ARE NOT ADVISED.
- 7. ITS IS ADVISABLE TO HAVE PIPE AND MATERIALS APPROVED PRIOR TO INSTALLATION (SEE TABLE BELOW).

PIPE MATERIAL TYPE

<u>TYPE</u>	<u>SCHEDULE</u>	<u>MAX LENGTH</u>	<u>BEDDING</u>
PVC	SDR35	20'	CLASS A BEDDING SAND, 6" UNDER/12" OVER

- 8. DO NOT BACKFILL ANY PIPE OR INSTALLATION BEFORE DISTRICT INSPECTION
- 9. ENSURE ALL ITEMS ON THE INSPECTION CHECKLIST ON PERMIT ARE READY FOR INSPECTION PRIOR TO CALLING FOR A SPECIFIC INSPECTION TIME.
- 10. CLEANOUTS MUST BE INSTALLED:
  - A. AT PROPERTY LINE
  - B. AT INTERVALS NOT EXCEEDING 100 FEET
  - C. AT ALL BENDS AND/OR TURNS IN THE SERVICE LINE
  - D. WITHIN 4 FEET OF THE DWELLING

SEE DISTRICT DETAIL SV-11A
- 11. ALL PIPES UNDER DWELLINGS SHALL BE SUSPENDED UNLESS RIGID PIPES ARE USED.
- 12. ANY MATERIAL CONNECTING TO EXISTING CAST IRON PIPE SHALL BE CONCRETE ENCASED.