

GENERAL BACKFILL REQUIREMENTS

1. ALL EXISTING, NEW AND FUTURE ROADWAY AREAS WITH TRENCH WIDTH GREATER THAN 2' AND LESS THAN 5'- IMPORTED SANDY MATERIAL WITH S.E. > 30 OR CLASS II AB.
2. ALL EXISTING NEW AND FUTURE ROADWAY AREAS WHERE TRENCH WIDTH EXCEEDS 5' AND OPEN FIELDS OUTSIDE PLANNED AND PRESENT RIGHT-OF-WAYS - NATIVE MATERIAL WITH 2" MAXIMUM GRADATION IS ALLOWED WITH APPROVAL BY THE CITY ENGINEER.
3. EXISTING ROADWAYS WITH TRENCH WIDTHS OF 2' OR LESS OR HAVING LESS THAN 25 SQ. FEET OR WHEN DIRECTED IN ANY EXISTING ROADWAY TRENCH - BACKFILL BE CLASS 100-E-100 P.C.C.

BEDDING REQUIREMENTS: - (SEE BEDDING TYPES BELOW)

WATER PIPES

- D.I. PIPE - TYPE 1 OR 2
- P.V.C. PIPE - TYPE 1
- POLYETHYLENE TUBING - TYPE 1

SANITARY SEWER PIPE

- P.V.C. OR A.B.S. - TYPE 1 OR 3
- P.V.C. SCH. 40 OR A.B.S. SOLID WALL S.D.R. 23.5 - TYPE 1 OR 3
- H.D.P.E. PROFILED WALL PIPE - TYPE 3

MINIMUM DEPTH OF COVER FROM TOP OF PIPE TO FINISH GRADE FOR ALL SANITARY SEWER INSTALLATIONS SHALL BE 3 FEET, UNLESS PRIOR APPROVAL HAS BEEN OBTAINED FROM THE CITY ENGINEER. FOR COVER LESS THAN 3 FEET, SOIL WALL SDR 23.5 PIPE SHALL BE USED. TYPE 3 BEDDING SHALL BE USED ALL CASES WHEN DEPTH TO INVERT IS LESS THAN 3 FEET.

STORM DRAIN PIPE

- REINFORCED CONCRETE PIPE - TYPES 1, 2, OR 3.
- H.D.P.E. PROFILE PIPE AND P.V.C. SOLID WALL SDR 26.0 PIPE - TYPE 1 OR 3

BEDDING TYPES

- TYPE 1 - SANDY MATERIAL WITH S.E. > 30. HAND TAMP BOTTOM SEGMENT PRIOR TO PLACING PIPES.
- TYPE 2 - IN FREE DRAINING GRANULAR NATIVE MATERIAL.
- TYPE 3 - CRUSHED AGG. BASE MATERIAL OR CRUSHED MISCELLANEOUS BASE MATERIAL OF FINE GRADATION (3/4"Ø MAX).

PIPE BEDDING AND TRENCH BACKFILL-NOTES

TITLE:
PIPE BEDDING AND TRENCH BACKFILL-NOTES

| | |
|-------------------------------|-------------------------|
| DRAWN BY: LOUIE C. GUEVARA | SCALE: NONE |
| REVIEWED BY: DAVID RUBCIC | REVISED: APRIL, 2013 |

CITY OF HOLLISTER
ENGINEERING DEPARTMENT

APPROVED:

7-16-13

CITY ENGINEER: RUDI GOLNIK LIC. NO. 39570 EXP. DATE: 12-31-2013

DATE

STANDARD PLAN
E-3-2
SHEET 2 OF 2