SANITARY SEWER CONSTRUCTION — STANDARD DETAILS

SD-1 — BEDDING & TRENCH DETAILS

NOTES
1. PLACE AGGREGATE MATERIAL ON THE COMPACTED SAND BACKFILL (A5) FOR ALL DRIVES, ROAD SHOULDERS, PARKING LOTS OR OTHER HARD SURFACED AREAS PER THE APPROVED PLANS.
2. THE CONTRACTOR SHALL COMPACT THE SAND BACKFILL (A5) TO 95% OF THE MATERIAL UNIT WEIGHT BY MODIFIED PROCTOR ACROSS ALL ROADWAYS AND DRIVES PER THE SCHEDULE OF BACKFILLING IN THE SANITARY SEWER SPECIFICATIONS. THIS INCLUDES SERVICE LEADS, UNLESS BORED. THE CONTRACTOR SHALL DO THE TESTING WITH THE RESULTS SUBMITTED TO GCDC–WWS PRIOR TO FINAL TESTING.
3. STONE BEDDING (A1) IS REQUIRED IN ALL AREAS OF DEWATERING.

SEE GCDC–WWS SPECIFICATIONS FOR TRENCHES

DIAMETER	MAX. TRENCH WIDTH
8"–12"	36"
15"–18"	42"
> 21"	—

DESIGN ENGINEER MUST SUBMIT TRENCH WIDTH FOR REVIEW AND APPROVAL

SD-2 — PROTECTION OF SANITARY SEWERS BY CONCRETE ENCASEMENT OF CRADLE

NOTES
1. PLACE AGGREGATE MATERIAL ON THE COMPACTED SAND BACKFILL (A5) FOR ALL DRIVES, ROAD SHOULDERS, PARKING LOTS OR OTHER HARD SURFACED AREAS PER THE APPROVED PLANS.
2. THE CONTRACTOR SHALL COMPACT THE SAND BACKFILL (A5) TO 95% OF THE MATERIAL UNIT WEIGHT BY MODIFIED PROCTOR ACROSS ALL ROADWAYS AND DRIVES PER THE SCHEDULE OF BACKFILLING IN THE SANITARY SEWER SPECIFICATIONS. THIS INCLUDES SERVICE LEADS, UNLESS BORED. THE CONTRACTOR SHALL DO THE TESTING WITH THE RESULTS SUBMITTED TO GCDC–WWS PRIOR TO FINAL TESTING.
3. STONE BEDDING (A1) IS REQUIRED IN ALL AREAS OF DEWATERING.

SD-3 — RISER AND SERVICE LEAD

SD-4 — MANHOLE FRAME, COVER & STEP

SD-5 — MANHOLE FRAME & ADJUSTMENT

SD-6 — PRECAST FLEXIBLE JOINT MANHOLE

SD-7 — CONNECTION TO "T" MANHOLE

SD-8 — CONCRETE ENCASED EXTERNAL DROP PIPE

SD-9 — INFILTRATION TESTING

ALTERNATE METHOD

SD-10 — SANITARY SEWER FINAL CONNECTION

SD-11 — OPEN CUTTING ROAD

SD-12 — BORE & JACK CONSTRUCTION ON ALL ROADWAYS/RAILROADS

SD-13 — IPP SAMPLING MANHOLE

SD-14 — INTERCEPTOR/GREASE TRAP

GENERAL NOTES FOR SANITARY SEWER CONSTRUCTION

1. ALL SANITARY SEWERS SHALL BE TELEVISED AND RECORDED WITH REPORTS SUBMITTED TO GCDC–WWS.
2. ALL PVC MAINLINE PIPE IS TO BE MANDRELLED BY A 9–SIDED MANDREL MEETING GCDC–WWS SPECIFICATIONS. THE MAXIMUM ALLOWABLE DEFLECTION IS 5%.
3. EACH 6" SERVICE CONNECTION SHALL BE STAKED, WITH AN INVERT ELEVATION, BY THE ENGINEER.
4. THE REPAIR OF SDR–26 PVC PIPE IS TO BE DONE WITH SDR–26 REPAIR COUPLINGS. FLEXIBLE BOOT CONNECTORS ARE NOT ALLOWED.
5. ALL PROJECTS SHALL HAVE A MANDATORY PRE–CONSTRUCTION MEETING WITH GCDC–WWS.