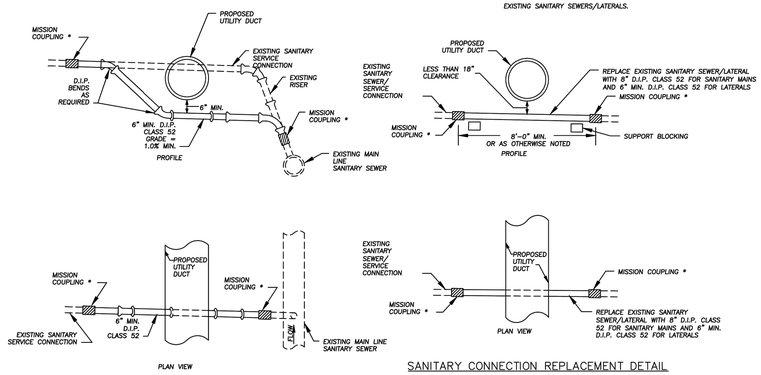


SANITARY CONNECTION MODIFICATION DETAIL

SANITARY CONNECTION REPLACEMENT DETAIL

FIG 3.14.1

NOTES:
1. IN ALL CASES WHERE A SANITARY SEWER OR LATERAL CROSSES OVER OR UNDER A WATER LINE AND/OR STORM SEWER WITH LESS THAN 18" CLEARANCE, THE SANITARY PIPE MATERIAL SHALL BE CLASS 52 D.I.P. THE D.I.P. SHALL BE THE LENGTH SPECIFIED ON THE PLANS, CENTERED ACROSS THE PIPE OR PIPES FOR WHICH THE CLEARANCE IS LESS THAN 18". THE LENGTH OF EACH D.I.P. CROSSING SHOWN ON THE PLANS IS EITHER IN FULL OR HALF INCREMENTS OF STANDARD D.I.P. LENGTH AND MAY VARY ONLY SLIGHTLY ACCORDING TO THE MANUFACTURER.
2. ALL MATERIALS SHALL BE AS LISTED IN THE LCDU APPROVED MATERIALS LIST.

* = ALL MISSION COUPLINGS SHALL BE PROPERLY SPECIFIED FOR CONNECTING DISSIMILAR PIPE.

LAKE COUNTY
DEPARTMENT OF UTILITIES
SANITARY CONNECTION DETAILS – REPLACEMENT & MODIFICATION
DATE: 09-09 | DRAWN BY: DDB | SCALE: NONE

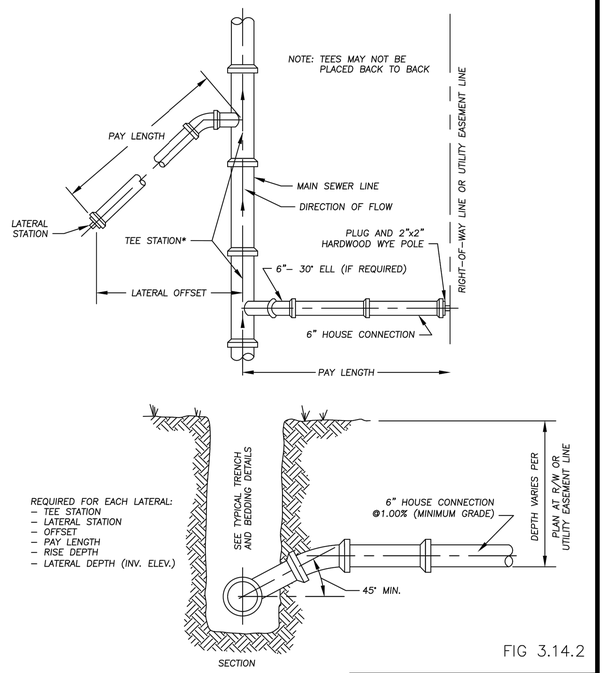


FIG 3.14.2

NOTE, ALL MATERIALS SHALL BE AS LISTED ON THE LCDU APPROVED MATERIAL LIST.

* = PROVIDE A MINIMUM OF 3 FEET SEPARATION BETWEEN TEE STATIONS.

LAKE COUNTY
DEPARTMENT OF UTILITIES
SEWER LATERAL DETAIL
DATE: 10-09 | DRAWN BY: DDB | SCALE: NONE

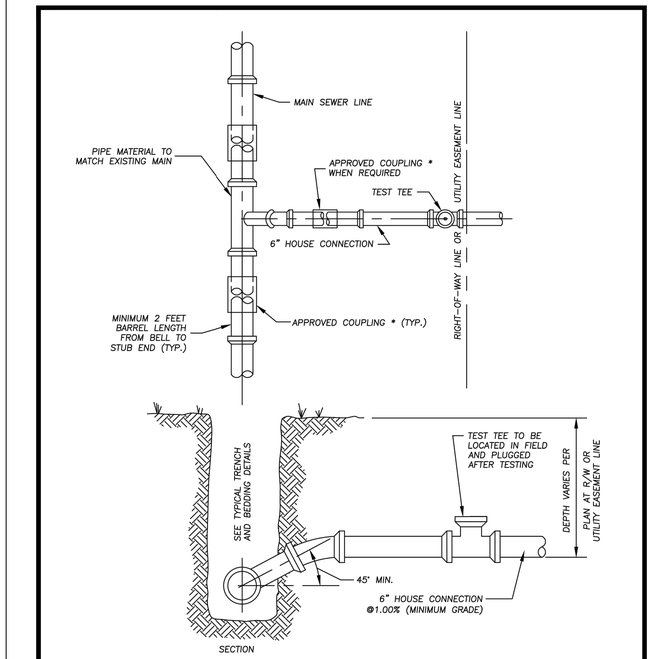
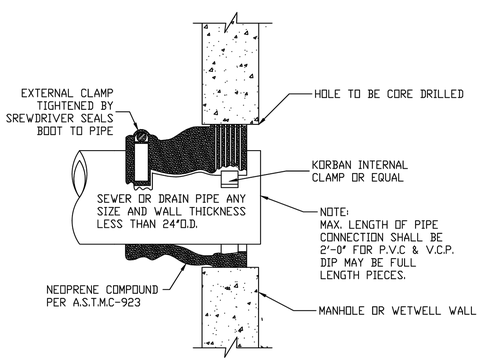


FIG.3.14.6

NOTES:
1. FOR PVC PIPE, EMBED PIPE IN #57 STONE 6" IN ALL DIRECTIONS FOR FULL LENGTH OF THE LATERAL.
2. ALL MATERIALS SHALL BE AS LISTED IN THE LCDU APPROVED MATERIAL LIST.
3. * = ALL MISSION COUPLINGS SHALL BE PROPERLY SPECIFIED FOR CONNECTING DISSIMILAR MATERIALS.

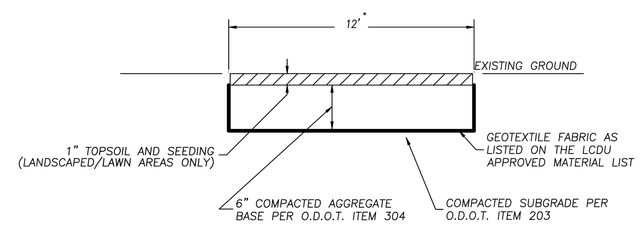
LAKE COUNTY
DEPARTMENT OF UTILITIES
CUT-IN TEE DETAIL FOR D.I.P, P.V.C. & V.C.P SERVICES
DATE: 10-09 | DRAWN BY: DDB | SCALE: NONE



FOR EXISTING STRUCTURES ONLY

FIG. 3.14.7

LAKE COUNTY
DEPARTMENT OF UTILITIES
SANITARY SEWER FLEXIBLE GASKET DETAIL
DATE: 11/07 | DRAWN BY: D.D.B. | SCALE: NONE



* UNLESS OTHERWISE NOTED ON THE PLANS

NOTE: REQUIRED FOR ANY SANITARY SEWER OR WATER LINE THROUGH AN EASEMENT.

FIG 3.12.4

LAKE COUNTY
DEPARTMENT OF UTILITIES
ACCESS ROAD TYPICAL SECTION
DATE: 08-03 | DRAWN BY: D.D.B. | SCALE: NONE

STATE OF OHIO
SHAWN ROBERT AIKEN
62788
REGISTERED PROFESSIONAL ENGINEER

your trusted advisor consultants
engineers architects planners

REV.	DESCRIPTION	DATE

REVISIONS

ISSUE DATE: 9/14/2018
SCALE: AS NOTED
DESIGNED BY: GSB
DRAWN BY: RLM
CHECKED BY: GBS

PERRY JOINT ECONOMIC DEVELOPMENT DISTRICT
MIDWEST MATERIALS SANITARY SEWAGE IMPROVEMENT
LAKE COUNTY PERRY, OHIO
SD
STANDARD DETAILS

PROJECT NO. 170415
DISCIPLINE CIVIL
SHEET NAME SD
SHEET 18 OF 22