



No.	Description	Date
1	DD, GMP	2019.07.01

STANDARD DETAILS
SOLID FRAME AND COVER

REV. DATE: SEPT 2011
 ORIG. DATE: NOV 2004
 SCALE: N.T.S.
 DETAIL NO. SS-G-FC002

STANDARD DETAILS
MANHOLE STEPS

REV. DATE: SEPT 2011
 ORIG. DATE: NOV 2004
 SCALE: N.T.S.
 DETAIL NO. SS-G-MS001

STANDARD DETAILS
STANDARD GRATE AND FRAME

REV. DATE: SEPT 2011
 ORIG. DATE: JAN 1997
 SCALE: N.T.S.
 DETAIL NO. SW-G-GR001

STANDARD DETAILS
WATERTIGHT FRAME AND COVER

REV. DATE: SEPT 2011
 ORIG. DATE: NOV 2004
 SCALE: N.T.S.
 DETAIL NO. SS-G-FC003

STANDARD DETAILS
MANHOLE PLAN AND DIAMETERS

REV. DATE: SEPT 2011
 ORIG. DATE: JAN 1997
 SCALE: N.T.S.
 DETAIL NO. SS-G-MH009

PIPE SIZE	ANGLE "A"	M.H. DIA.	"T"	"X"
8" TO 15"	0° TO 90°	4'-0"	5"	0"
18" TO 24"	0° TO 90°	4'-0"	5"	0"
18" TO 24"	0° TO 90°	5'-0"	6"	0"
27" TO 30"	0° TO 30°	5'-0"	6"	0"
27" TO 30"	30° TO 60°	5'-0"	7"	0"
27" TO 30"	60° TO 90°	5'-0"	7"	0"
36"	0° TO 90°	6'-0"	7"	0"
42"	0° TO 90°	6'-0"	8"	0"
42"	0° TO 90°	6'-0"	9"	0"
48"	0° TO 45°	8'-0"	9"	0"
48"	45° TO 90°	12'-0"	9"	0"
54"	0° TO 90°	8'-0"	9"	0"
54"	0° TO 90°	12'-0"	13"	6"
60"	0° TO 30°	8'-0"	9"	0"
60"	30° TO 45°	8'-0"	9"	0"
60"	45° TO 90°	10'-0"	11"	6"
60"	60° TO 90°	12'-0"	13"	6"

STANDARD DETAILS
MANHOLE COLLAR

REV. DATE: SEPT 2011
 ORIG. DATE: NOV 2004
 SCALE: N.T.S.
 DETAIL NO. SS-G-MC001

STANDARD DETAILS
STANDARD DROP INLET

REV. DATE: SEPT 2011
 ORIG. DATE: NOV 2004
 SCALE: N.T.S.
 DETAIL NO. SS-G-MI001

STANDARD DETAILS
MANHOLE BASE WITH DROP CONNECTION

REV. DATE: SEPT 2011
 ORIG. DATE: NOV 2004
 SCALE: N.T.S.
 DETAIL NO. SS-G-MH005

STANDARD DETAILS
MANHOLE BASE WITH DROP CONNECTION

REV. DATE: SEPT 2011
 ORIG. DATE: NOV 2004
 SCALE: N.T.S.
 DETAIL NO. SS-G-MH005

INCOMING SEWER DROP SIZE S (D)	VERTICLE PIPE RUN (Y1)	VERTICLE PIPE RUN (Y2)	VERTICLE PIPE RUN (Y3)	VERTICLE PIPE RUN (Y4)
8"	N/A	8"	N/A	N/A
12"	14.5"	8.25"	12"	7"
18"	15.25"	8.25"	12"	7"
24"	18"	8"	15"	5"
30"	21"	8"	15"	N/A
36"	22"	8.5"	22"	5.5"

STANDARD DETAILS
STANDARD CURB CATCH BASIN TYPE "A"

REV. DATE: SEPT 2011
 ORIG. DATE: AUG 1973
 SCALE: N.T.S.
 DETAIL NO. SW-G-CB004

STANDARD DETAILS
SERVICE CONNECTION CLEANOUT

REV. DATE: OCT 2011
 ORIG. DATE: NOV 2004
 SCALE: N.T.S.
 DETAIL NO. SS-G-SC004

STANDARD DETAILS
MANHOLE BASE

REV. DATE: SEPT 2011
 ORIG. DATE: NOV 2004
 SCALE: N.T.S.
 DETAIL NO. SS-G-MH001

STANDARD DETAILS
MANHOLE PLAN AND DIAMETERS

REV. DATE: SEPT 2011
 ORIG. DATE: JAN 1997
 SCALE: N.T.S.
 DETAIL NO. SS-G-MH009

PIPE SIZE	ANGLE "A"	M.H. DIA.	"T"	"X"
8" TO 15"	0° TO 90°	4'-0"	5"	0"
18" TO 24"	0° TO 90°	4'-0"	5"	0"
18" TO 24"	0° TO 90°	5'-0"	6"	0"
27" TO 30"	0° TO 30°	5'-0"	6"	0"
27" TO 30"	30° TO 60°	5'-0"	7"	0"
27" TO 30"	60° TO 90°	5'-0"	7"	0"
36"	0° TO 90°	6'-0"	7"	0"
42"	0° TO 90°	7'-0"	8"	0"
42"	0° TO 90°	8'-0"	9"	0"
48"	0° TO 45°	8'-0"	9"	0"
48"	45° TO 90°	12'-0"	9"	0"
54"	0° TO 90°	8'-0"	9"	0"
54"	0° TO 90°	12'-0"	13"	6"
60"	0° TO 30°	8'-0"	9"	0"
60"	30° TO 45°	8'-0"	9"	0"
60"	45° TO 90°	10'-0"	11"	6"
60"	60° TO 90°	12'-0"	13"	6"

STANDARD DETAILS
DEFLECTION TEST MANDREL

REV. DATE: OCT 2011
 ORIG. DATE: NOV 2004
 SCALE: N.T.S.
 DETAIL NO. SS-G-DM001

STANDARD DETAILS
MANHOLE OVER EXISTING SEWER

REV. DATE: SEPT 2011
 ORIG. DATE: NOV 2004
 SCALE: N.T.S.
 DETAIL NO. SS-G-MH007