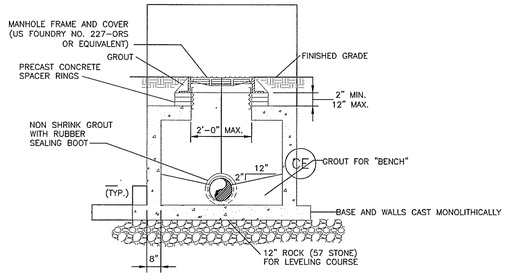
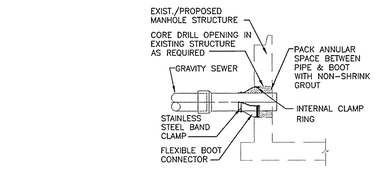


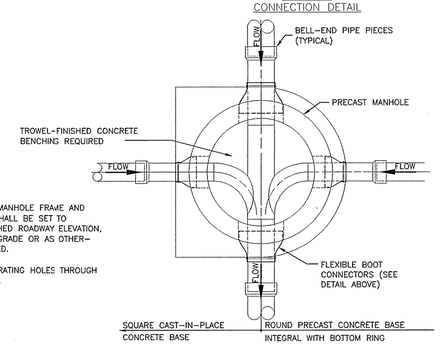
SECTION VIEW

NOTES:

1. THE INTERIOR AND EXTERIOR OF MANHOLE SHALL BE GIVEN THREE COATS/TWO COATS (EACH COAT 4 MILS) RESPECTIVELY, OF A WATER–BASED CONCRETE COATING EQUIV. TO CONSEAL CS–55 AS MF'D BY CONCRETE SEALANTS, INC. DO NOT COAT JOINT OR PIPE OPENING SURFACES.
2. PRECAST MANHOLE SECTION TO BE MFR'D. IN ACCORDANCE WITH LATEST EDITIONS OF ASTM C478 WITH 4000 PSI CONCRETE, TYPE II CEMENT.



MANHOLE CONNECTION DETAIL



TYPICAL MANHOLE PLAN

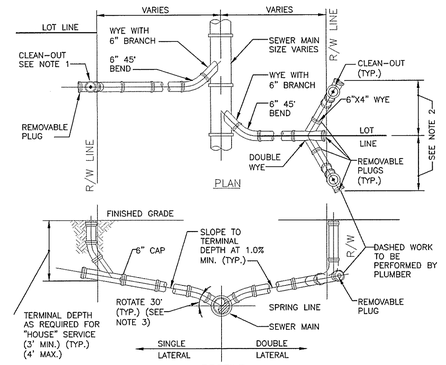
NOTES:

1. TOPS OF MANHOLE FRAME AND COVERS SHALL BE SET TO THE FINISHED ROADWAY ELEVATION, FINISHED GRADE OR AS OTHER–WISE NOTED.
2. NO PENETRATING HOLES THROUGH MANHOLES.

SHALLOW MANHOLE DETAIL

FIG. SS–9

3



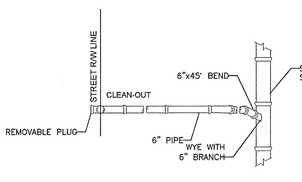
NOTES:

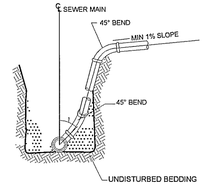
1. CLEAN–OUT (SHOWN DASHED) SHALL BE INSTALLED BY THE PLUMBER TO FINAL CONFIGURATION IN ACCORDANCE WITH STANDARD PLUMBING CODE.
2. LOCATE DOUBLE LATERAL AS CLOSE TO LOT LINE AS POSSIBLE, 5' MAXIMUM.
3. INVERT OF SERVICE LATERAL SHALL NOT ENTER SEWER MAIN BELOW SPRING LINE.
4. DOUBLE SERVICE LATERAL TO BE USED ONLY WHEN BOTH BUILDING SLABS ARE NOT GREATER THAN 4–INCHES ELEVATION DIFFERENCE.
5. SERVICE LATERAL PIPING AND FITTINGS SHALL BE 6" SDR35 PVC UNLESS OTHERWISE NOTED.
6. INSTALL PRESSURE TREATED 4"x4", 6–FEET LONG, 3–FEET ABOVE GRADE, (TOP ONE–FOOT PAINTED GREEN) TO IDENTIFY LOCATION OF CLEANOUT(S) AT THE PROPERTY LINE.
7. ETCH A 3–INCH MINIMUM "S" IN THE CURB & GUTTER TO DENOTE SERVICE LOCATION.

TYPICAL SERVICE LATERAL DETAIL SHALLOW CONNECTIONS

FIG. SS–16

1



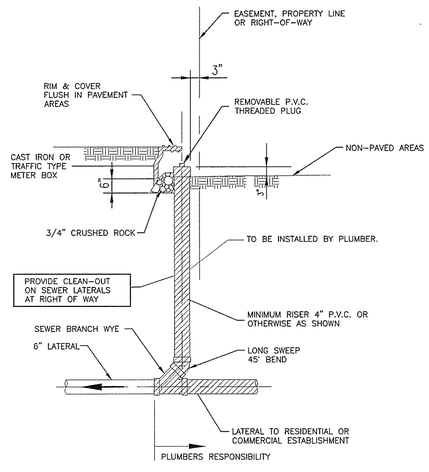


NOTES:
1. RISERS SHALL BE INSTALLED ON ALL WYES (BOTH PRESENT & FUTURE SERVICES) TO PROVIDE DEPTH AT SERVICE NOT OVER 4.0' EXCEPT WHERE OTHERWISE REQUIRED.
2. MINIMUM CUT UNDER ROADWAYS 4.0'; MINIMUM CUT AT PROPERTY LINE 3.0' OR AS REQUIRED FOR SERVICE.
3. RISERS SHALL PREFERABLY FOLLOW SLOPE OF BANK TO REQUIRED DEPTH.

TYPICAL SERVICE LATERAL DETAIL DEEP CONNECTIONS

FIG. SS–17

4



NOTES:

1. DEPTH OF SERVICE AT PROPERTY LINE SHALL BE 3'–0" MIN. & 4'–0" MAX.

SEWER CLEAN OUT INSTALLATION DETAIL

FIG. SS–18

2

5

RECORD DRAWING
THIS RECORD DRAWING IS BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF LIMITED PERIODIC FIELD OBSERVATIONS DURING CONSTRUCTION. IT IS A COMPILATION OF CONTRACTOR SUBMITTED INFORMATION, INDICATING CHANGES INCORPORATED DURING CONSTRUCTION, AS WELL AS ENGINEER'S OBSERVATIONS. THE CONTRACTOR IS RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR WARRANTS TO THE ENGINEER THAT THIS RECORD DRAWING IS CORRECT TO THE BEST OF HIS/HER KNOWLEDGE.
ENGINEER:
FL LIC. #:

NO	DATE	REVISIONS
1	12-7-09	OUT-TO-BID SET

JOB #: 08033.2
PRJ. MGR: J.P.M.
DESIGNER: R.I.D.
CHECKED: T.G.L.

ENGINEER
JASON P. MAHONEY, P.E.
FL LIC. # 65183

OUTPARCEL 6A
PALM COAST LANDING
AT
WEINGARTEN REALTY, INC.

SANITARY SEWER STANDARD DETAILS

Consulting Engineers & Surveyors

LOCHRANE
ENGINEERING, INC.
201 SOUTH BUMBY AVENUE
ORLANDO, FLORIDA 32803
PH: (407) 896-0351 FAX: (407) 896-9167
WWW.LOCHRANE.COM
CERTIFICATE OF AUTHORIZATION #00005998

SHEET
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