



UTILITY LEGEND

- (A) PROPOSED 4" WET TAP, 4" TAPPING VALVE
- (B) PROPOSED 1" DIRECT MAIN TAP, 1" COPPER SERVICE PER OUC WATER DETAILS, SHEET C10
- (C) PROPOSED 1" RPZ BACKFLOW PREVENTER FOR DOMESTIC WATER SERVICE LINE
- (D) TWO (2) PROPOSED 1" WATER METERS FOR DOMESTIC WATER AND IRRIGATION SERVICE LINES TO BE LOCATED OUTSIDE OF SIDEWALK, MAXIMUM 2' BEHIND SIDEWALK (SEE SPECIAL IRRIGATION METER DETAIL, SHEET C10 AND SHEET LI01)
- (E) PROPOSED 1" DOMESTIC WATER CONNECTION TO BUILDING (REFER TO ARCH. MEP PLANS FOR EXACT LOCATION)
- (F) PROPOSED 4" RPDA BACKFLOW PREVENTER FOR FIRE PROTECTION SERVICE (SEE RPDA DETAIL, SHEET C10)
- (G) PROPOSED 4" FIRE PROTECTION CONNECTION TO BUILDING (REFER TO ARCH. MEP PLANS FOR EXACT LOCATION)
- (H) PROPOSED 4" FIRE DEPARTMENT CONNECTION TO BUILDING (REFER TO ARCH. MEP PLANS FOR EXACT LOCATION)
- (I) PROPOSED FIRE DEPARTMENT CONNECTION
- (J) PROPOSED BOOSTER PUMP ASSEMBLY (REFER TO ARCH. MEP PLANS FOR ASSEMBLY DETAILS)
- (K) PROPOSED 4" OUC POINT OF SERVICE (POS) / FIRE SERVICE CONTROL VALVE (END OF OUC) TO BE LOCATED OUTSIDE OF SIDEWALK, MAXIMUM 2' BEHIND SIDEWALK
- (L) PROPOSED 4" PVC FIRE LINE
- (M) PROPOSED 4" DIP FIRE LINE
- (N) EXISTING 6" DIP WATER MAIN
- (O) EXISTING FIRE HYDRANT TO REMAIN
- (P) PROPOSED 4" SANITARY CONNECTION TO BUILDING (REFER TO ARCH. MEP PLANS FOR EXACT LOCATION)
- (Q) PROPOSED 3" SANITARY FROM OIL SEPARATOR (REFER TO ARCH. MEP PLANS FOR EXACT LOCATION)
- (R) PROPOSED ELECTRICAL TRANSFORMER (REFER TO ARCH. MEP PLANS FOR EXACT LOCATION)
- (S) PROPOSED OPEN CUT / PAVEMENT REHAB (SEE DETAIL 2, SHEET C14)

Private Line

VERTICAL SEPARATION SCHEDULE					
SEP. NUMBER	TOP PIPE	BOTTOM ELEV.	BOTTOM PIPE	TOP ELEV.	VERT. SEP.
1	SAN 8" PVC	110.71	STS 12" PVC	109.99	0.72'

SANITARY SEWER SCHEDULE							
STRUCTURE NUMBER	STRUCTURE TYPE	RIM EL.	INVERT ELEVATIONS		DOWNSTREAM PIPE LENGTH (FEET)	PIPE SIZE / TYPE	PERCENT SLOPE
			IN	OUT			
1	4" DIA. MH	115.64	110.30 NE	110.20 SW	195	8" PVC	0.28%
2	4" DIA. MH	113.90	109.65 NE	109.55 S	89	8" PVC	0.28%
3	EXIST. PLUG	—	109.30 N	109.30 S	—	—	—
4	SAN C.O. W/ TRAFFIC LID	115.60	—	110.76 S	46	6" PVC	1.00%

CALL 48 HOURS BEFORE YOU DIG IN FLORIDA
CALL TOLL FREE
1-800-432-4770
IT'S THE LAW
SUNSHINE STATE ONE CALL CENTER OF FLORIDA, INC.

JOB #: 14007.20 PRJ. MGR: FRANK A. PORTER, P.E. FL. LIC. #95992 DESIGNER: FL. LIC. #95992 CHECKED: DATE: DEC. 28, 2015	ENGINEER: FRANK A. PORTER, P.E. FL. LIC. #95992 REVISIONS PER CITY COMMENTS 08/15 REVISIONS PER CITY COMMENTS 11/15 REVISIONS PER CITY COMMENTS 09/15	NO. DATE 1.109115 REVISIONS PER CITY COMMENTS 08/15 1.121115 REVISIONS PER CITY COMMENTS 11/15 1.109115 REVISIONS PER CITY COMMENTS 09/15	REVISIONS NO. DATE 1.109115 REVISIONS PER CITY COMMENTS 08/15 1.121115 REVISIONS PER CITY COMMENTS 11/15 1.109115 REVISIONS PER CITY COMMENTS 09/15	RECORD DRAWING THIS DRAWING IS THE PROPERTY OF LOCHRANE CONSULTING ENGINEERS SURVEYORS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF LOCHRANE CONSULTING ENGINEERS SURVEYORS IS STRICTLY PROHIBITED. THE USER ASSUMES ALL LIABILITY FOR ANY ERRORS OR OMISSIONS IN THIS DRAWING. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE FIELD AND FOR VERIFYING THE ACCURACY OF ALL DATA. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE FIELD AND FOR VERIFYING THE ACCURACY OF ALL DATA. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE FIELD AND FOR VERIFYING THE ACCURACY OF ALL DATA.	ENGINEER: FRANK A. PORTER, P.E. FL. LIC. #95992
BANCORP FASHION SQUARE MALL ORLANDO, FLORIDA UP FIELDGATE US INVESTMENTS - EAST COLONIAL, LLC					
UTILITY PLAN					
SHEET C08					