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DATE	DESCRIPTION
08-31-2018	INITIAL PERMIT SET
10-25-2018	CITY COMMENTS
11-09-2018	CITY COMMENTS

**TRENCH NOTES**

1. WHERE MAINT. HOLES AND/OR MANHOLES EXIST WITH LESS THAN 24" (610MM) VERTICAL CLEARANCE, ONE OF THE FOLLOWING METHODS OF PROTECTION SHALL BE UTILIZED:
2. WHERE A CONFLICT EXISTS WITH AN EXISTING CURB OR WALKWAY, THE PROPOSED MAINT. HOLE SHALL BE A MINIMUM OF TWENTY FEET (6.1M) FROM THE CURB OR WALKWAY. CONCRETE CURBS OR WALKWAYS SHALL BE 12" (305MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
3. WHERE A CONFLICT EXISTS WITH AN EXISTING WALKWAY OR DRIVEWAY, THE PROPOSED MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
4. CONFLICT AREAS WITH PROPOSED MAINT. HOLES AND/OR MANHOLES SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE. THE CONCRETE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
5. WHERE A MAINT. HOLE OR MANHOLE EXIST WITHIN A MAINT. HOLE OR MANHOLE, THE MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
6. WHERE A MAINT. HOLE OR MANHOLE EXIST WITHIN A MAINT. HOLE OR MANHOLE, THE MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
7. WHERE A MAINT. HOLE OR MANHOLE EXIST WITHIN A MAINT. HOLE OR MANHOLE, THE MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
8. WHERE A MAINT. HOLE OR MANHOLE EXIST WITHIN A MAINT. HOLE OR MANHOLE, THE MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
9. WHERE A MAINT. HOLE OR MANHOLE EXIST WITHIN A MAINT. HOLE OR MANHOLE, THE MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
10. WHERE A MAINT. HOLE OR MANHOLE EXIST WITHIN A MAINT. HOLE OR MANHOLE, THE MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
11. WHERE A MAINT. HOLE OR MANHOLE EXIST WITHIN A MAINT. HOLE OR MANHOLE, THE MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
12. WHERE A MAINT. HOLE OR MANHOLE EXIST WITHIN A MAINT. HOLE OR MANHOLE, THE MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
13. WHERE A MAINT. HOLE OR MANHOLE EXIST WITHIN A MAINT. HOLE OR MANHOLE, THE MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
14. WHERE A MAINT. HOLE OR MANHOLE EXIST WITHIN A MAINT. HOLE OR MANHOLE, THE MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.
15. WHERE A MAINT. HOLE OR MANHOLE EXIST WITHIN A MAINT. HOLE OR MANHOLE, THE MAINT. HOLE SHALL BE ENCASED IN CONCRETE MINIMUM SIX (6) INCHES (152MM) THICK, FOR A MINIMUM DISTANCE OF TWENTY FEET (6.1M) CENTERED ON THE POINT OF INTERFERENCE.

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**LOCATION OF PUBLIC WATER SYSTEM MAINS IN ACCORDANCE WITH F.A.C. RULE 62-555.14**

Other Pipe	Horizontal Separation	Crossings (I)	Clear Spacing of Crossings (II) (See Note 1)
Water Mains	12" (305mm)	12" (305mm) (See Note 2)	12" (305mm) (See Note 3)
Sanitary Sewer Mains	12" (305mm)	12" (305mm) (See Note 2)	12" (305mm) (See Note 3)
Gas Mains	12" (305mm)	12" (305mm) (See Note 2)	12" (305mm) (See Note 3)
Electric Mains	12" (305mm)	12" (305mm) (See Note 2)	12" (305mm) (See Note 3)
Telephone Mains	12" (305mm)	12" (305mm) (See Note 2)	12" (305mm) (See Note 3)
Fire Mains	12" (305mm)	12" (305mm) (See Note 2)	12" (305mm) (See Note 3)
Other Mains	12" (305mm)	12" (305mm) (See Note 2)	12" (305mm) (See Note 3)

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**P.V.C. PIPE RESTRAINT**

JOINT TYPE	RESTRAINT TYPE	RESTRAINT TYPE	RESTRAINT TYPE	RESTRAINT TYPE	RESTRAINT TYPE	RESTRAINT TYPE	RESTRAINT TYPE	RESTRAINT TYPE	RESTRAINT TYPE
1	2	3	4	5	6	7	8	9	10

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**TYPICAL FIRE HYDRANT SETTING**

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**PROFESSIONAL IN CHARGE**  
JOHN NOURZAD  
**PROJECT MANAGER**  
WILLIAM LOTZ  
**QUALITY CONTROL**  
CHARLES J. BEADLES  
**DRAWN BY**  
TREVOR ANDREY

**PROJECT**  
PANERA  
BREAD

**ADDRESS**  
BRADENTON  
FLORIDA  
6351 MANATEE  
AVENUE WEST

**CLIENT**



**PROJECT NUMBER**  
201807580

**SHEET TITLE**  
CONSTRUCTION  
DETAILS

**SHEET NUMBER**  
C-7.1

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