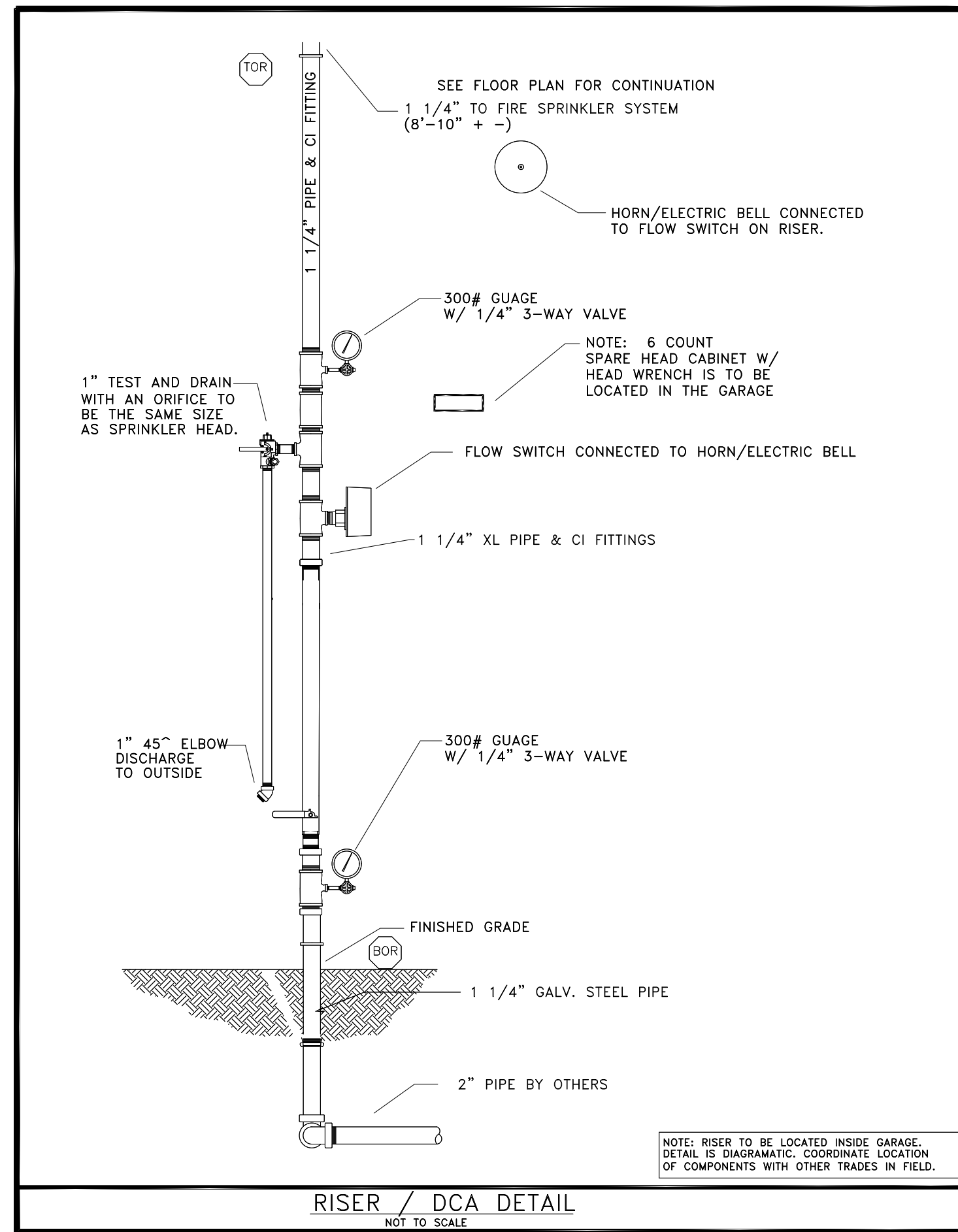


GENERAL NOTES

1. DESIGN & INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH NFPA 13R 2016 AND LOCAL AUTHORITIES.
2. ALL FIRE SPRINKLER DEVICES TO BE UL LISTED AND/OR FM APPROVED.
3. GARAGES, ELEVATOR, OPEN BALCONIES, CLOSETS LESS 24sq.ft AND BATHROOMS LESS THAN 55 SQ FT NOT SPRINKLERED PER NFPA 13D.
4. PIPING TO BE CPVC BLAZEMASTER FOR SIZES 1" AND UP
A. DO NOT INSTALL CPVC PIPE EXPOSED TO THE SUN OR OUTSIDE ELEMENTS.
EXPOSED PIPING (AT GARAGE) TO BE (ASTM A-135)
ALLIED XL OR AMERICAN BLT FOR 1" THROUGH 2"
NO BIGGER SIZES EXCEPT TO BE USED
5. FITTINGS
CPVC FITTINGS SHALL MEET OR EXCEED THE REQUIREMENTS OF ASTM F437, F438 AND F439.
6. HANGERS TO BE IN ACCORDANCE WITH NFPA 13R, CPVC SPACING SCHEDULE, AND LOCAL AUTHORITIES.
A. SUPPORT SPRINKLER HEAD PROPERLY TO PREVENT LIFT UP OF THE HEAD THROUGH THE CEILING WHEN ACTIVATED.
B. KEEP THREADED ROD WITHIN 1/16" OF THE PIPE OR USE SURGE ARRESTOR, DO NOT ALLOW ROD TO COME IN CONTACT WITH THE PIPE.
7. SYSTEM TO BE TESTED @ CITY PRESSURE WITH NO VISIBLE LEAK
8. ALL AUTOMATIC FIRE SPRINKLER PIPING, AND UNDERGROUND FIRE SERVICE SHALL BE INSTALL BY A CERTIFIED CONTRACTOR AS PER FLORIDA CODE. PER NFPA 24 (2016 ED.) CHAPTER 10, 1" CPVC IS ALLOWED TO BE USED.
9. PER NFPA 13R 7.7; IF TEMPERATURES IN THE ATTIC CAN EXCEED THE RATING OF THE NON-METALLIC PIPE, THEN SAID PIPE SHALL BE INSULATED.
10. PER 2016 NFPA 13R NOTE 6: A SIGN AFFIXED TO THE MAIN SHUTOFF VALVE THAT STATES IN MINIMUM 1/4-INCH LETTERS, "WARNING, THE WATER SYSTEM FOR THIS HOME SUPPLIES A FIRE SPRINKLER SYSTEM THAT DEPENDS ON CERTAIN FLOWS AND PRESSURES BEING AVAILABLE TO FIGHT A FIRE. DEVICES THAT RESTRICT THE FLOW OR DECREASE THE PRESSURE SUCH AS WATER SOFTENERS SHALL NOT BE ADDED TO THIS SYSTEM WITHOUT A REVIEW OF THE FIRE SPRINKLER SYSTEM BY A FIRE PROTECTION SPECIALIST. DO NOT REMOVE THIS SIGN".



HANGER SCHEDULE												
NPPA 13 TABLE 6.2.2.MAXIMUM DISTANCE BETWEEN HANGERS (FT – IN)												
NOMINAL PIPE SIZE	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"	8"
STEEL PIPE EXCEPT THREADED LIGHT-WALL	N/A	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0
THREADED LIGHT-WALL STEEL PIPE	N/A	12-0	12-0	12-0	12-0	12-0	12-0	N/A	N/A	N/A	N/A	N/A
CPVC	5-6	6-0	6-6	7-0	8-0	9-0	10-0	N/A	N/A	N/A	N/A	N/A
NOTES												
1. THERE SHALL BE NOT LESS THAN ONE HANGER FOR EACH SECTION OF PIPE												
2. SUPPORT SPACING DISTANCE FOR END LINE SPRINKLER DROP ELBOWS AND DROP TEES TO BE IN ACCORDANCE WITH NPPA 13 AND THE PRODUCT APPROVAL LISTING.												

UNDERGROUND SERVICE GENERAL NOTES

- 1- PIPING SHALL BE LISTED OR MEET AWWA STANDARDS AND FITTINGS OF AN APPROVED TYPE WITH JOINTS AND PRESSURE CLASS RATINGS COMPATIBLE WITH THE PIPE USED.
- 2- UNDERGROUND MAINS AND LEAD-IN CONNECTIONS TO SYSTEM SHALL BE FLUSHED THOROUGHLY BEFORE CONNECTION IS MADE TO SPRINKLER SYSTEM.
- 3- FIRE SERVICE MAINS SHALL BE HYDROSTATICALLY TESTED AT NOT LESS 200 PSI FOR TWO HOURS, THE AMOUNT OF LEAKAGE AT THE JOINTS SHALL NOT EXCEED TWO QUARTS PER HOUR PER 100 GASKETS OF JOINTS IRRESPECTIVE OF PIPE DIAMETER.
- 4- FIRE SERVICE MAINS SHALL BE BURIED A MINIMUM DEPTH OF 3 FT. FROM GRADE TO TOP OF PIPE

SCHEDULE

1. DOUBLE CHECK DETECTOR ASSEMBLY
2. OS&Y VALVE W/TAMPER (WIRING BY OTHERS)
3. FLANGED 90° ELL
4. ADJUSTIBLE STAND ON CONCRETE PAD
5. FLANGED SPIGOT-C.I.F.
6. CONCRETE PAD (TO BE INSTALLED BY OTHERS)
7. MEGALUG RESTRAINTS PER NFPA 24
8. M.J. BEND
9. DIP U.G. FROM CITY
- 10.2 1/2" FDC (BY OTHERS)
11. CHECK VALVE (BY OTHERS)
12. TESTING OUTLET

DOUBLE DETECTOR CHECK VALVE

C.F.I. TO PROVIDE GAUGE ON CITY SIDE OF BACKFLOW

36" MIN. UNDERGROUND
30" MIN. UNDER ROADWAYS

FROM CITY BY OTHERS

SUMMERS FIRE STARTING POINT

F.D.C.

24" MIN. UNDERGROUND

D.I.P. WATERMAIN

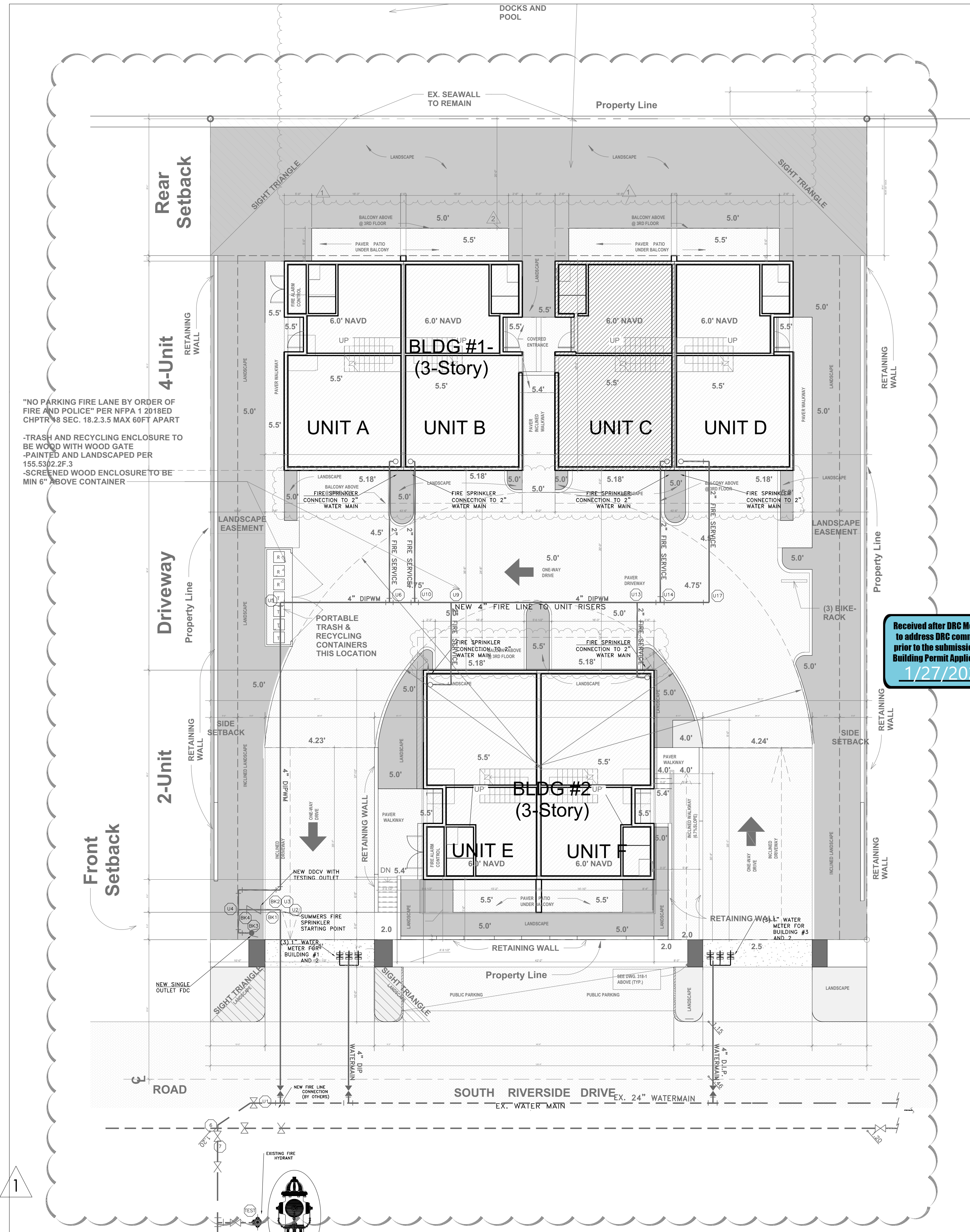
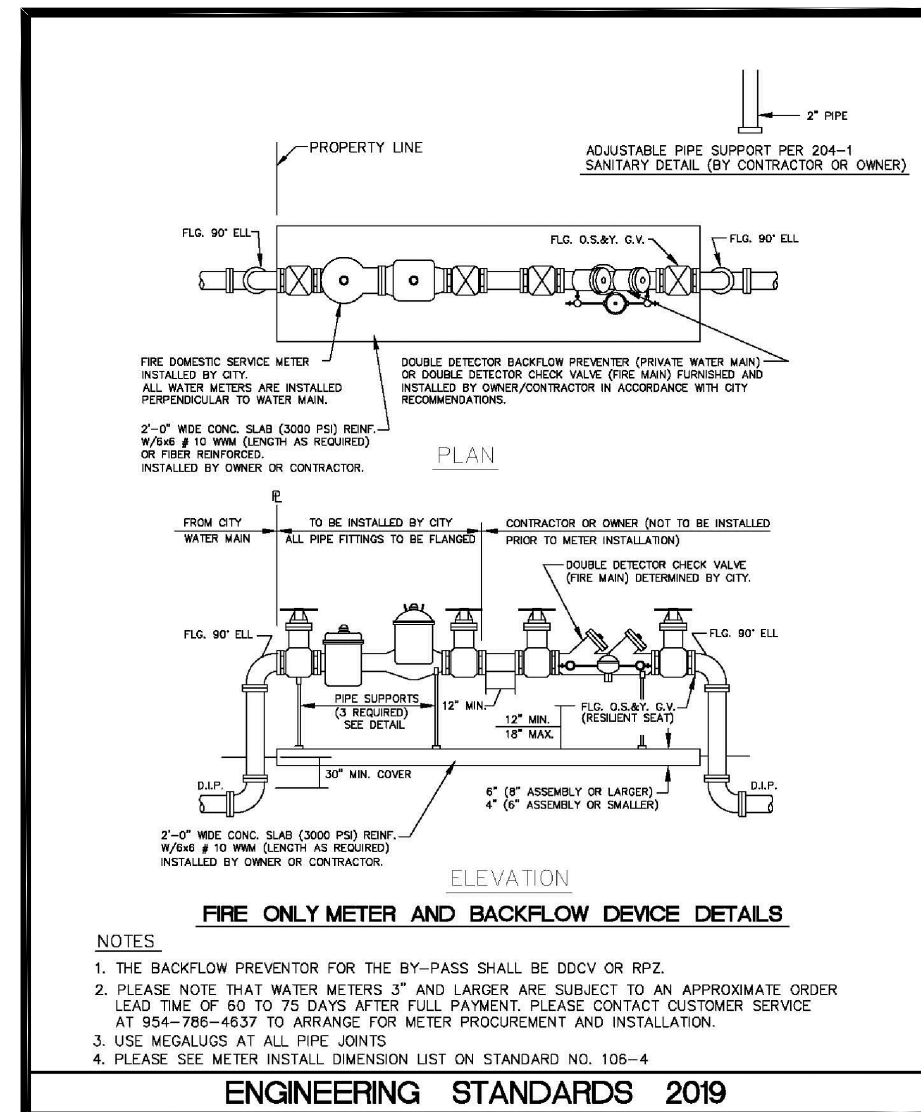
36" MIN. UNDERGROUND
30" MIN. UNDER ROADWAYS

FROM CITY BY OTHERS

SUMMERS FIRE STARTING POINT

24" MIN. UNDERGROUND

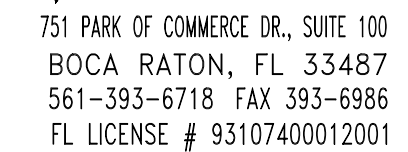
D.I.P. WATERMAIN



BUILDING #1- UNIT C SITE PLAN PLAN

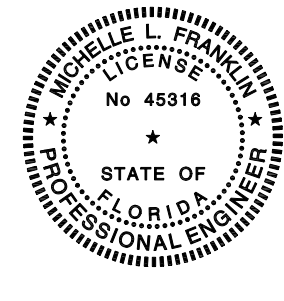
SCALE: N.T.S

HYDRAULICALLY CALCULATED SYSTEM		WATER SUPPLY		FLOOR SPRINKLER PLAN	
CALC AREA:		FLOW TEST		DATE	10/17/21
NO. OF SPRINKLERS:		DATE OF TEST:	10/22/21	DWG BY	CD
DENSITY (psi/sq.ft):		TIME OF TEST:	9:15 AM	FILE NAME	FIRE SHOP DRAWINGS-UNIT E
DESIGN AREA (sq.ft):		STATIC PRESSURE (psi):	80	SCALE	AS NOTED
FLOW RATE (gpm):		RESIDUAL PRESSURE (psi):	77	JOB #	BC922
PRESSURE (psi):		GALLONS FLOWING (gpm):	1159	A.H.J.	CITY OF POMPANO BEACH
FLOW TEST REF. POINT:		TESTED BY:	SUMMERS		

[illegible]

Received after DRC Meeting
to address DRC comments
prior to the submission of a
Building Permit Application
1/27/2022

RIVERSIDE TOWNHOMES
BUILDING #1 UNIT C
117 SOUTH RIVERSIDE DRIVE
POMPAHO BEACH, FLORIDA 33062



SHEET No.

FP-1

SHEET 1 OF 2

DRAWING TITLE
FLOOR SPRINKLER PLAN

DATE	10/17/21
DWG BY	CD
FILE NAME	FIRE SHOP DRAWINGS-UNIT E
SCALE	AS NOTED
JOB #	BC922
A.H.J.	CITY OF POMPANO BEACH