DRC

PZ22-12000027

07/02/2025

SAMPLE ROAD
(STATE ROAD NO. 834)

PROP. POINT OF CONNECTION. CONNECT PROP. 6" D.I.P. WATER MAIN TO EXIST. 8" D.I.P. WATER MAIN W/ 8" X 6" D.I. M.J. TAPPING SLEEVE & 6" TAP VALVE & BOX @ INV. ELEV. 8.26± (S). (CONTRACTOR TO FIELD VERIFY EXIST. INV. EL.)

CUT & PLUG EXIST. 8" P.V.C. WATER MAIN AT EXIST. INV. EL. 8.17± (CONTRACTOR TO FIELD VERIFY EXIST. INV. EL.) REFER TO NOTE #1 ON COVER SHEET

EXIST. SMH24278010
RIM. 11.75'
INV.EL.=4.12' 8" PVC (W)
INV.EL.=4.01' 8" PVC (E)
B.O.S. EL.=4.07'
(SURVEY)

SIGN NO PARKING

EXIST. 54" D.I.P. FORCE MAIN

EXIST. 12" D.I.P. (P.B.D. 111, PG. 53)

PROP. 8"X6" PVC WYE CONNECTION TO EXIST. 8" PVC SAN. SEWER MAIN INV. EL. = 3.98'- 8" PVC (E) INV. EL. = 4.08'- 6" PVC (S)

PROP. 65 LF 8" P.V.C. SAN SEWER @ 0.4%

PROP. POINT OF CONNECTION. CONNECT PROP. 6" D.I.P. WATER MAIN AND PROP. 6"-90° BEND.

EXIST. 8" P.V.C. WATER MAIN

EXIST. 8" P.V.C SAN SEWER

EXIST. 15' U.E. (O.R.B. 16060, PG. 695)

EXIST. FIRE HYDRANT TO BE RELOCATED. MAIN AND ALL FITTINGS TO BE REMOVED UP TO THE POINT OF CONNECTION

PROP. 13 LF 6" D.I.P. WATER MAIN

RELOCATED FIRE HYDRANT W/ GUARD POSTS

PROP. (2) 8"-45° BENDS (RESTRAINED)

PROP. 8" G.V.

PROP. (2) 8"-45° BENDS (RESTRAINED)

PROP. POINT OF CONNECTION. CONNECT PROP. 8" D.I.P. WATER MAIN TO EXIST. 8" P.V.C. WATER MAIN W/ 8" X 8" D.I. M.J. TAPPING SLEEVE & 8" TAP VALVE & BOX @ INV. ELEV. 7.67± (N). (CONTRACTOR TO FIELD VERIFY EXIST. INV. EL.)

EXIST. 8" P.V.C. WATER MAIN (ASBUILT 8221-13-089)

EXIST. 15' U.E. 8" (O.R.B. 16060, PG. 695)

REFER TO SHEET C-10.2 FOR PROP. WATER MAIN PROFILE

PROP. 257 LF 8" D.I.P. WATER MAIN

REFER TO SHEET C-10.2 FOR PROP. SAN SEWER PROFILE

PROP. 203 LF 8" P.V.C. SAN SEWER @ 0.4%

PROP. 69 LF 8" P.V.C. SAN SEWER @ 0.4%

PROP. 8"X6" PVC WYE CONNECTION TO EXIST. 8" PVC SAN. SEWER MAIN INV. EL. = 2.94' 8" PVC (N) INV. EL. = 2.94' 8" PVC (S) INV. EL. = 2.94' 6" PVC (E)

PROP. 30' U.E

10' 10' 10'

PROP. 13 LF. 6" P.V.C. SAN SEWER @ 1.0% (PUBLIC)

PROP. 51 LF 6" P.V.C. SAN SEWER @ 1.04% (PRIVATE)

33'

C.O.

PROP. 6" SAN SEWER POS CO

PROP. 6" SAN SEWER CLEAN-OUT

REFER TO IRRIGATION PLANS FOR CONTINUATION

PROP. 2" PRESSURE VACUUM BREAKER IRRIGATION SYSTEM ONLY

PROP. 1" IRRIGATION METER CONNECTION

PROP. 2" HDPE IRRIGATION SERVICE

PROP. 2" WATER MAIN CONNECTION POINT 5' FROM BLDG. (REFER TO ARCH/MEP PLANS FOR CONTINUATION)

PROP. 2" R.P.Z. BACKFLOW PREVENTER (DOMESTIC)

PROP. 1" DOMESTIC WATER SERVICE CONNECTION

PROP. 51 LF 2" HDPE WATER MAIN

PROP. 18'x20' WATER EASEMENT

PROP. POINT OF CONNECTION. CONNECT PROP. 2" HDPE WATER MAIN TO EXIST. 8" P.V.C. WATER MAIN W/ 8" X 2" STAINLESS STEEL DOUBLE STRAP SERVICE CLAMP @ EXIST. INV. ELEV. 7.92± (N). (CONTRACTOR TO FIELD VERIFY EXIST. INV. EL.)

EXIST. 15' U.E. 8" (O.R.B. 16060, PG. 695)

EXIST. 8" P.V.C. WATER MAIN (ASBUILT 8221-13-089)

EXIST. 8" P.V.C. WATER MAIN (ASBUILT 8221-13-089)

EXIST. FIRE HYDRANT (TO REMAIN)

12.5' 12.5'

PROP. 25' U.E.

PROP. 209 LF 8" P.V.C. SAN SEWER @ 0.4%

PROP. SAN. SEWER MH #2 (PUBLIC)
RIM EL.= 12.00'
INV. EL.= 2.66' (8") (N)
INV. EL.= 2.66' (8") (E)

PROP. POINT OF CONNECTION. CONNECT PROP. 2" HDPE IRRIGATION SERVICE TO EXIST. 8" P.V.C. WATER MAIN W/ 8" X 2" STAINLESS STEEL DOUBLE STRAP SERVICE CLAMP @ EXIST. INV. ELEV. 7.92± (N). (CONTRACTOR TO FIELD VERIFY EXIST. INV. EL.)

EXISTING
FESTIVAL FLEA MARKET
TO REMAIN
381,762 S.F.

263.20'

80.00'

EXIST. 235 LF OF EXIST. 8" P.V.C. SAN. SEWER (TO BE REMOVED)

EXIST. 242 LF OF EXIST. 8" P.V.C. WATER MAIN (TO BE REMOVED)

S44°59'28"E
49.77'
706203.7609
931289.9341

N89°41'47"E 1285.19'

EXIST. 242' LF OF EXIST. 8" P.V.C. WATER MAIN (TO BE REMOVED)

EXIST. 225' x 43' U.E. TO BE VACATED (REFER TO NOTE #1 ON COVER SHEET)

SIGN NO PARKING

17.80'
N0°19'17"E

EXIST. 235' LF OF EXIST. 8" P.V.C. SAN. SEWER (TO BE REMOVED)

EXIST. 43' U.E. O.R.B. 16060 PG. 695 (TO BE VACATED)

FUTURE FUEL TANKS (PERMIT BY OTHERS)

EXIST. FIRE HYDRANT TO BE REMOVED. MAIN TO BE REMOVED UP TO THE 6" G.V. AT THE MAIN.

FUTURE RACETRAC
BUILDING
(PERMIT BY OTHERS)
5,411 S.F.
(20 GAS PUMPS)

PROP. SAN. SEWER MH #3 (PUBLIC)
RIM EL.= 12.00'
INV. EL.= 1.82' (8") (W)
INV. EL.= 1.82' (8") (S)

PROP. 32 LF 8" P.V.C. SAN SEWER @ 0.4%

PROP. SAN. SEWER MH #4 (PUBLIC)
RIM EL.= 12.00'
INV. EL.= 1.69' (8") (N)
INV. EL.= 1.69' (8") (E)

PROP. 81.4 LF 8" P.V.C. C-900 SAN SEWER @ 0.4%

PROP. SAN. SEWER DROP MH #5 (PUBLIC)
RIM EL.= 12.30' M.E.
INV. EL.= 1.36' 8" PVC (W)
INV. EL.= -0.93' 8" PVC (N)
INV. EL.= -0.93' 8" PVC (S)

EXIST. SMH24265820
RIM. 11.69'
INV. EL.=-1.17' 8" PVC (N)
INV. EL.=-1.30' 8" PVC (S)
INV. EL.=-1.28' 8" PVC (E)
(ASBUILT 8221-13-076)

EXIST. 6" P.V.C. FORCE MAIN (ASBUILT 8221-13-076)

EXIST. 8" P.V.C. SAN. SEWER (ASBUILT 8221-13-076)

EXIST. 8" P.V.C. C-900 WATER MAIN (ASBUILT 8221-13-076)

EXIST. 8" STEEL GAS (TECO GAS)

EXIST. FIRE HYDRANT (TO REMAIN) (ASBUILT 8221-13-076)

EXIST. 15" RCP STORM PIPE

PROP. STORM MH
RIM EL.=11.00'
INV. EL.=3.59' (E) 15" RCP
INV. EL.=3.59' (NW) 18" RCP

PROP. CURB INLET
RIM EL.=11.30'
INV. EL.=3.59' (SE) 18" RCP
INV. EL.=3.59' (N) 18" RCP

EXIST. CURB INLET (TO REMAIN)
RIM EL.=12.00'
INV. EL.=3.59' (W) 15" RCP

PROP. 24 LF OF SOLID 18" HDPE

6' MIN. SEPARATION
BC PWD STAND. DETAIL 105

S00°19'17"W 661.16'

NW 27TH AVE.

PROP. PLUG

S44°59'28"E
25.32'

706169.4600

EXIST. 67' PVC WATER MAIN (TO BE ABANDONED)

EXIST. 8" P.V.C. WATER MAIN (TO BE ABANDONED)

EXIST. 8" PVC SAN SEWER (TO BE ABANDONED)

EXIST. 57' SAN. SEWER (TO BE ABANDONED)

N89°40'45"W

EXIST. 12' U.E. VACATED BY O.R.B 12654, PG. 941, O.R.B. 12670, PG. 481

EXIST. SAN. MANHOLE TO BE PLUG (W) AT EXIST. INV. EL. 2.74± (CONTRACTOR TO FIELD VERIFY EXIST. INV. EL.) EXIST. 59 LF OF 8" P.V.C. SAN. SEWER (WEST OF EXIST. MANHOLE) TO BE ABANDONED UP TO THE PROP. PLUG.

EXIST. SEWER MH
RIM. 13.60'
INV.EL.=0.29' DROP (S)
INV.EL.=0.33' (E)
INV.EL.=2.74' (W)
(ASBUILT 8221-13-076)

PROP. PLUG

EXIST. 8" PVC SAN SEWER (TO REMAIN)

PROP. PLUG

EXIST. 8" P.V.C. PLUG
INV. EL. = 2.05
(ASBUILT 8221-13-076)

NOTE

1. EXISTING 8" PVC SANITARY SEWER AND EXISTING 6" PVC WATER MAIN PIPE TO BE REMOVED/ABANDONED AFTER NEW WATER AND SEWER MAINS BEEN CONSTRUCTED AND CERTIFIED. CONSTRUCTOR SHALL VERIFY LOCATION OF EXISTING SERVICES PRIOR TO START OF DEMOLITION. CONTRACTOR SHALL MAINTAIN UNINTERRUPTED SERVICES DURING CONSTRUCTION AND COORDINATE WITH UTILITY PROVIDER WHEN WORK IS CONDUCTED IN AREAS OF SERVICES TO REMAIN.

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.

SYMBOLOGY LEGEND

- EXISTING FORCE MAIN
- EXISTING WATER MAIN
- EXISTING SAN SEWER
- EXISTING SAN SEWER MANHOLE
- EXIST. GRADE ELEVATION
- PROP. STORM MANHOLE
- PROP. STORM INLET WITH EXFILTRATION TRENCH
- PROP. STORM SEWER PIPE
- PROP. SANITARY SEWER AND FLOW DIRECTION
- PROP. WATER MAIN
- PROP. BACKFLOW PREVENTER (DOMESTIC)
- PROP. PRESSURE VACUUM BREAKER IRRIGATION SYSTEM ONLY
- PROP. IRRIGATION METER CONNECTION
- PROP. DOMESTIC WATER SERVICE CONNECTION
- PROP. FIRE HYDRANT W/ CV, GV AND GUARD POSTS
- PROP. TAPPING SLEEVE & TAP VALVE & BOX
- PROP. PLUG
- PROP. BLOW-OFF VALVE
- PROP. 90° BEND
- PROP. TEE AND GV
- PROP. SAN. CLEANOUT
- PROP. SANITARY SEWER MANHOLE

HATCH LEGEND

- EXISTING 225' X 43' U.E. (O.R.B. 16060, PG. 695) TO BE VACATED. THE VACATION OF THIS EASEMENT CANNOT TAKE PLACE UNTIL THE PROPOSED WATER AND SEWER MAINS HAVE BEEN RELEASED FOR SERVICE.
- LIMITS OF EXISTING WATER MAIN AND SANITARY SEWER TO BE REMOVED.

NOTES

1. ALL CONSTRUCTION WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY WATER AND WASTEWATER SERVICES (BCWWS) STANDARDS AND SPECIFICATIONS.
2. ALL EXISTING MAINS BEING IMPACTED BY THIS PROJECT AND ALL PROPOSED WATER AND SEWER FORCE MAINS AND FITTINGS, TO BE RESTRAINED PER GS 2.0
3. 2.5 DEGREE MAXIMUM DEFLECTION, TYPICAL
4. CONTRACTOR TO VERIFY LOCATION AND INVERT ELEVATION OF EXISTING WATER, FORCE MAIN AND ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.
5. ALL REMOVED FIRE HYDRANTS MUST BE RETURNED TO BCWWS.

NOTE

ELEVATIONS AS SHOWN WERE CONVERTED FROM THE NATIONAL GEOGETIC VERTICAL DATUM OF 1929 (NGVD 29) TO THE NORTH AMERICAN VERTICAL DATUM (NAVD 88) USING THE FOLLOWING CONVERSION: NGVD 29 VERTICAL DATUM (IN FEET) - 1.56' = NAVD 88 VERTICAL DATUM. THE CONVERSION FACTOR WAS OBTAINED FROM THE NATIONAL GEODETIC SURVEY WEBSITE ORTHOMETRIC HEIGHT CONVERSION PROGRAM USING THE LATITUDE AND LONGITUDE OF THE PROJECT LOCATION TO DETERMINE A CONVERSION FACTOR FOR THIS SPECIFIC LOCATION.

NOTE

THE MINIMUM COVER DEPTHS REQUIRED FOR PVC AND DIP SEWER MAINS ARE RESPECTIVELY 36 AND 30 INCHES.

Sunshine811
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Check positive response codes before you dig!

URBN DESIGN
666 N.E. 125th STREET,
SUITE 247
NORTH MIAMI, FL 33161
Phone: 305.720.2079
C.O.A. 33221

CHRISTOPHER PATRICK COLLINS LICENSE No. 73819 STATE OF FLORIDA PROFESSIONAL ENGINEER
CHRISTOPHER COLLINS, P.E.
REG.# 73819

09/05/2023

This item has been digitally signed and sealed by Christopher P. Collins, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronics copies.

Christopher Collins — Digitally signed by Christopher Collins Date: 2025.05.28 13:30:55 -04'00'

Revision 1	Date
Comment	
Revision 2	Date
Comment	
Revision 3	Date
Comment	
Revision 4	Date 09/26/2022
Comment	WWS DESIGN REVIEW 09.19.2022
Revision 5	Date 09/06/2022
Comment	WWS DESIGN REVIEW 08.22.2022
Designed by:	C.P.C.
Drawn by:	A.T.S.
Checked by:	C.P.C.
Approved by:	C.P.C.
Scale:	1" = 20'
Date:	08/22/2022
Job No.:	I002

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Plans for

FESTIVAL MARKETPLACE
2900 W SAMPLE ROAD
POMPANO BEACH,
FLORIDA

WATER AND SEWER PLAN

Sheet No.
C-10.1

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