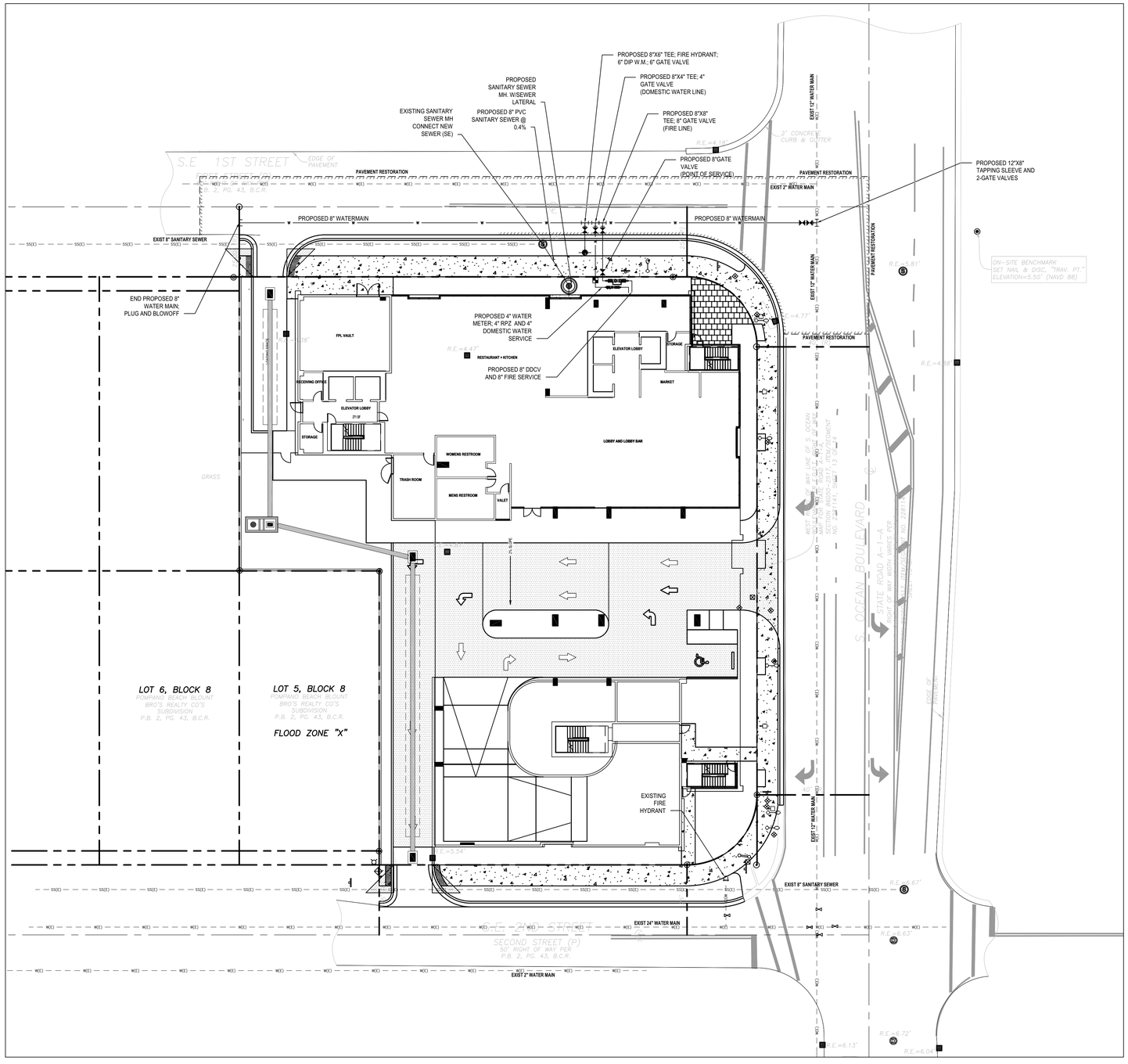

0 10 20 40 60

GRAPHIC SCALE IN FEET

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

WATER AND SEWER LEGEND

- DOUBLE DETECTOR CHECK VALVE
- RPZ BACKFLOW PREVENTORS
- GATE VALVE
- METER
- TEE / TAP
- FIRE HYDRANT
- FIRE DEPT. CONNECTION
- PROP. PLUG / CAP
- EXIST. SANITARY SEWER MANHOLE
- PROP. SANITARY SEWER MANHOLE
- PROP. SANITARY CLEAN OUT
- PROP. METER VAULT
- PROP. BACTERIOLOGICAL SAMPLE
- PROP. REDUCER

PROP. SANITARY SEWER PIPE — SS —
PROP. WATER PIPE — W(C) —
EXIST. WATER PIPE — W(E) —
EXIST. SANITARY SEWER PIPE — SS(E) —
EXIST. STORM PIPE — STM(E) —
EXIST. ATT UNDERGROUND — ATT(E) —
EXIST. BROWARD TRAFFIC COMMUNICATIONS — BCTED/FO(E) —
EXIST. BROWARD FIBER OPTIC — BCTED/FO(E) —
EXIST. COMCAST UNDERGROUND — COM(E) —
EXIST. ELECTRICAL UNDERGROUND — ELE(E) —
EXIST. FIBER OPTIC UNDERGROUND — FO(E) —
EXIST. UNKNOWN UNDERGROUND — UNK(E) —
EXIST. FPL UNDERGROUND — FPL(E) —
EXIST. ELECTRICAL UNDERGROUND — ELE(E) —
EXIST. ATT UNDERGROUND — GAS(E) —
EXIST. OVERHEAD — OHE(E) —
EXIST. TELEPHONE UNDERGROUND — TEL(E) —

ABBREVIATIONS

PROP.	PROPOSED
EXIST.	EXISTING
I.E.	INVERT ELEVATION
M.H.	MANHOLE
B.F.P.	BACKFLOW PREVENTOR
G.V.	GATE VALVE
D.D.C.V.	DOUBLE DETECTOR CHECK VALVE
F.D.C.	FIRE DEPT. CONNECTION

SYMBOLS FOR FITTINGS, VALVES, ETC. ARE DIAGRAMMATIC ONLY AND DO NOT REFLECT ACTUAL SIZE; FOR ACTUAL DIMENSIONS REFER TO MANUFACTURER'S SPECIFICATIONS.

UNDERGROUND UTILITIES NOTES:

1. SITE MAY CONTAIN EXISTING UTILITIES (DOMESTIC WATER, IRRIGATION, TELEPHONE, ELECTRIC, GAS, STORM DRAINAGE, SANITARY SEWER AND OTHERS).
2. ***NOT ALL*** EXISTING UTILITIES ARE SHOWN HEREON. SOME ARE SHOWN ON THIS PLAN AS OBTAINED FROM UTILITY LOCATES, ATLASES AND THE SURVEY.
3. ALL EXISTING UTILITIES WITHIN THE BOUNDARY OF THE SITE ARE TO BE REMOVED - EXCEPT WHERE NOTED OTHERWISE (SUCH AS "TO REMAIN" TO BE RELOCATED" ETC.). THIS PLAN IS LIMITED TO WATER AND SANITARY SEWER ONLY, NO DESIGN OF FPL, COMCAST, GAS, TELEPHONE IS SHOWN HEREON.
4. CONTRACTOR IS RESPONSIBLE FOR SEQUENCING ALL UTILITY REMOVAL/RELOCATION SUCH THAT NO OTHER USER OF SAID IS AFFECTED

FIRE LINE NOTES:

1. ALL PROPOSED FIRE MAINS, SERVICES, "SIAMESE" CONNECTION LINES ETC. MUST BE INSTALLED BY A STATE LICENSED FIRE LINE CONTRACTOR PER FLORIDA STATUTE 633.
2. ALL FIRE LINES ARE TO BE INSPECTED BY CERTIFIED FIRE LINE INSPECTORS PRIOR TO BEING PLACED INTO SERVICE.
3. UPON COMPLETION OF REQUIRED TESTING A STATE LICENSED FIRE LINE CONTRACTOR SHALL ISSUE A "LICENSED UNDERGROUND TEST CERTIFICATE". THE CERTIFICATE MUST BE ISSUED AND THE FIRE LINE MUST BE ACCEPTED BY THE BROWARD COUNTY HEALTH DEPT. (WHERE APPLICABLE) PRIOR TO BEING PLACED INTO SERVICE.
4. FIRE LINE SYSTEM COMPONENTS (FDC, DDCV, FIRE LINE PIPING, ETC.) SHOWN ON THESE PLANS ARE TO BE COORDINATED WITH THE FIRE PROTECTION DRAWINGS AND DESIGN AND FIRE PROTECTION SHOP DRAWINGS. NOTIFY ENGINEER OF ANY DISCREPANCY PRIOR TO INSTALLATION OF ANY PORTION OF THE FIRE PROTECTION SYSTEM.

WATER NOTES

1. NO GATE VALVES IN CURBS
2. WATER SHALL BE AVAILABLE TO FIRE HYDRANTS BEFORE INTERIOR BUILDING CONSTRUCTION CAN BEGIN.
3. ALL EXISTING WATER SERVICES TO THE PROPERTY THAT ARE NOT BEING RE-USED SHALL BE CUT AND CAPPED AND ABANDONED IN ACCORDANCE WITH THE PUBLIC UTILITY'S MINIMUM STANDARDS.
4. AFTER WATER CONNECTIONS, RESTORE ALL RIGHT OF WAY (PAVEMENT, SIDEWALK, CURB, ETC.) IN ACCORDANCE WITH CITY OF POMPANO BEACH AND/OR FDOT MINIMUM STANDARDS
5. ALL ELEVATIONS SHOWN IN THIS PLAN ARE IN THE NAVD DATUM. WHERE ELEVATIONS WERE REQUIRED TO BE CONVERTED, THE FOLLOWING CONVERSION WAS USED: NAVD = NGVD - 1.51'
6. ALL EXISTING UTILITIES SHOWN ON THIS PLAN ARE BASED ON THE BEST AVAILABLE INFORMATION. THE EXISTING UTILITY INFORMATION SHOWN HERE IS FOR THE CONTRACTOR'S CONVENIENCE AND THE E.O.R. ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. BEFORE COMMENCING CONSTRUCTION CONTRACTOR TO CALL FOR UTILITY LOCATES, VERIFY ALL EXISTING UTILITIES' LOCATIONS AND DEPTHS, AND NOTIFY E.O.R. OF ANY CONFLICTS.

SANITARY SEWER NOTES

1. SLOPE OR PITCH SANITARY SEWER MANHOLE CASTINGS WITH DESIGN ROAD SECTIONS.
2. ALL SANITARY SEWER CLEANOUTS LOCATED IN ROADWAY ARE TO BE TRAFFIC-RATED.
3. ALL EXISTING SANITARY SERVICES TO THE PROPERTY THAT ARE NOT BEING RE-USED SHALL BE CUT AND CAPPED AND ABANDONED IN ACCORDANCE WITH THE PUBLIC UTILITY'S MINIMUM STANDARDS.
4. AFTER SEWER CONNECTIONS, RESTORE ALL RIGHT OF WAY (PAVEMENT, SIDEWALK, CURB, ETC.) IN ACCORDANCE WITH CITY OF POMPANO BEACH AND/OR FDOT MINIMUM STANDARDS
5. MANHOLE LIFT HOLES AND GRADE ADJUSTMENT RINGS BE SEALED WITH NONSHRINKING MORTAR OR OTHER APPROPRIATE MATERIAL
6. INLET AND OUTLET PIPES BE JOINED TO THE MANHOLE WITH A GASKETED FLEXIBLE WATERTIGHT CONNECTION OR ANOTHER WATERTIGHT CONNECTION ARRANGEMENT THAT ALLOWS DIFFERENTIAL SETTLEMENT OF THE PIPE AND MANHOLE WALL
7. WATERTIGHT MANHOLE COVERS SHALL BE USED [RSWF 34.6]
8. SANITARY SEWER SERVICES ARE NOT TO BE PLACED INTO OPERATION UNTIL THE OPERATION LICENSE(S) IS OBTAINED FROM THE RELEVANT ISSUING AUTHORITY
9. ALL ELEVATIONS SHOWN IN THIS PLAN ARE IN THE NAVD DATUM. WHERE ELEVATIONS WERE REQUIRED TO BE CONVERTED, THE FOLLOWING CONVERSION WAS USED: NAVD = NGVD - 1.51'
10. ALL EXISTING UTILITIES SHOWN ON THIS PLAN ARE BASED ON THE BEST AVAILABLE INFORMATION. THE EXISTING UTILITY INFORMATION SHOWN HERE IS FOR THE CONTRACTOR'S CONVENIENCE AND THE E.O.R. ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. BEFORE COMMENCING CONSTRUCTION CONTRACTOR TO CALL FOR UTILITY LOCATES, VERIFY ALL EXISTING UTILITIES' LOCATIONS AND DEPTHS, AND NOTIFY E.O.R. OF ANY CONFLICTS.

Stephen Botek

Digitally signed by Stephen Botek
Date: 2023.09.26 16:44:41 -04'00'

BTE REF DATE: 00.00.00

#	DATE	REVISIONS
1	XX-XX-XX	COMMENT REV

STEPHEN F. BOTEK LICENSE No. 55335 STATE OF FLORIDA PROFESSIONAL ENGINEER

September 26, 2023

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY STEPHEN F. BOTEK, 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 ELECTRONIC COPIES.

Celebrating 15 Years

WATER AND SANITARY SEWER PLAN

POMPANO HOTEL
101 S OCEAN
POMPANO BEACH, FL

Botek Thurlow Engineering, Inc.
2400 NW 80th Avenue, Suite 102, Ft. Lauderdale, FL 33309
www.botekthurlow-eng.com p: 954-568-0888 f: 954-568-0757

BTE PROJECT #: 23-0701

PROJECT DATE: 09-05-2023

SHEET #: C-2

DRC
PZ23-12000042
11/01/2023