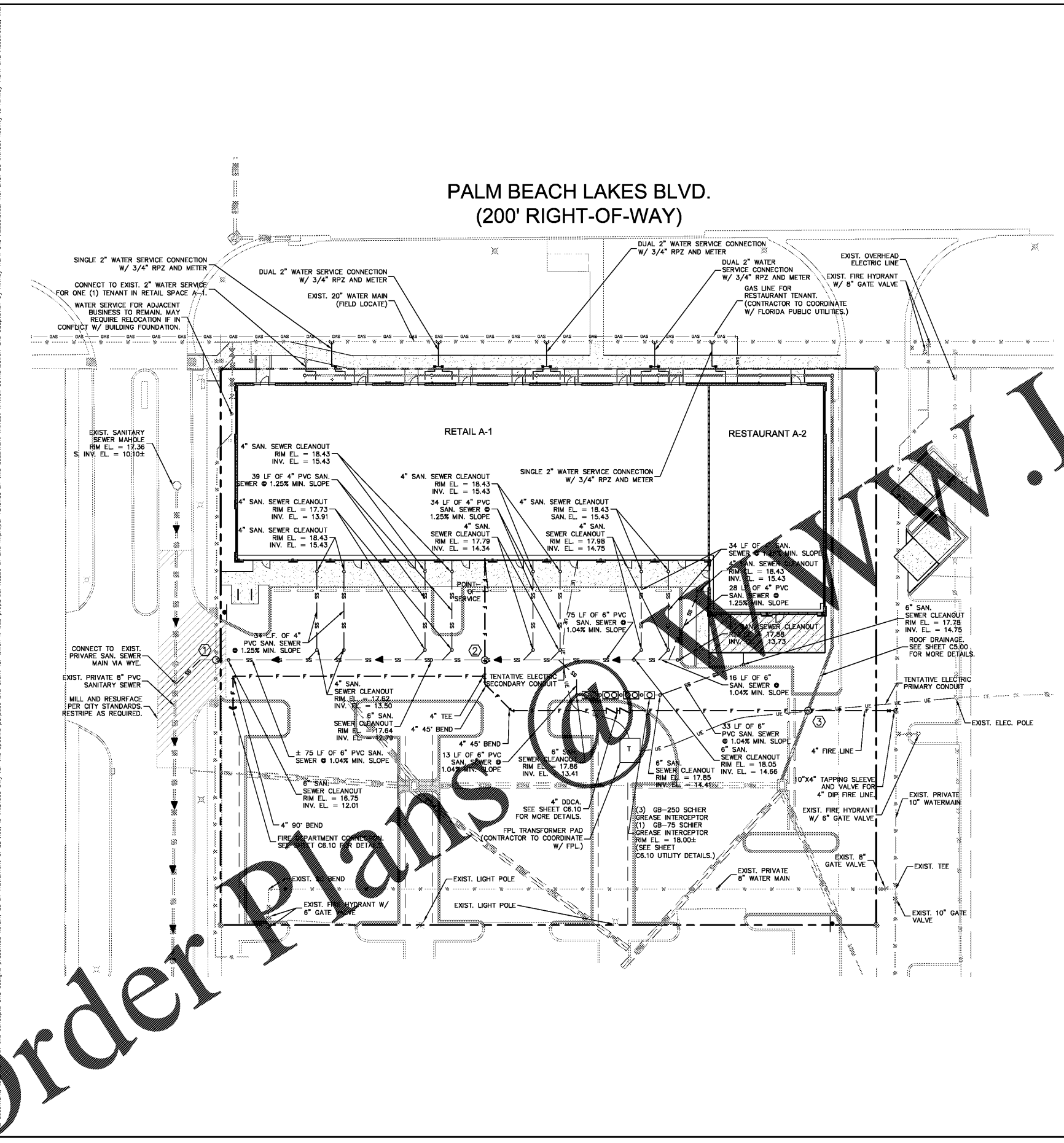


Order Plans
 1560 PALM BEACH LAKES
 PREPARED FOR
 TRICOR INTERNATIONAL CORP.
 SHEET NUMBER
C6.00



PALM BEACH LAKES BLVD. (200' RIGHT-OF-WAY)

LEGEND

- ⊕ EXISTING FIRE HYDRANT
- ⊗ EXISTING LIGHT POLE
- ⊗ EXISTING OVERHEAD ELECTRIC
- SS — PROPOSED SANITARY SEWER
- SS — EXISTING SANITARY SEWER
- ⊗ EXISTING EXFILTRATION TRENCH
- ⊗ EXISTING STORM (SEE PAVING, GRADING, AND DRAINAGE)
- W — PROPOSED WATER
- W — EXISTING WATER
- ⊕ T — PROPOSED TRANSFORMER PAD
- UE — PROPOSED UNDERGROUND ELECTRIC
- ⊗ EXISTING ELECTRIC POLE
- DD — DOUBLE DETECTOR CHECK VALVE
- M — METER AND RPZ
- FD — FIRE DEPARTMENT CONNECTION

CROSSINGS

- ① BOTTOM OF 2" WATER = ±13.58
TOP OF 6" SSWR = 12.55
CLEARANCE = 12"
- ② BOTTOM OF 6" SSWR = 12.97
TOP OF 4" FIRE = 12.47
CLEARANCE = 6"
- ③ BOTTOM OF 10" STORM = 14.73
TOP OF 6" SSWR = 12.47
CLEARANCE = 27"

UTILITY NOTES

1. CONTRACTOR SHALL FURNISH AND INSTALL NECESSARY PIPE AND FITTINGS TO TRANSITION PIPE MATERIALS WHEN REQUIRED AND TO BUILDING PLUMBING.
2. ALL MANHOLES, VALVES, CLEANOUTS AND OTHER SUCH BOXES IN PAVEMENT OR SIDEWALKS SHALL BE SET FLUSH WITH PAVEMENT TO MATCH THE PROPOSED SLOPE AND SHALL BE H-20 TRAFFIC RATED.
3. ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER, OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF WEST PALM BEACH STANDARD DETAILS.
4. NO PROPOSED IMPROVEMENTS, BUILDINGS OR ANY KIND OF CONSTRUCTION CAN BE PLACED ON OR WITHIN ANY WATER, SEWER, OR DRAINAGE EASEMENTS, UNLESS APPROVED BY THE CITY OF WEST PALM BEACH CITY ENGINEER.
5. NO PROPOSED STRUCTURES SHALL BE INSTALLED WITHIN A HORIZONTAL DISTANCE OF 10- FEET FROM ANY EXISTING OR PROPOSED WATER, SEWER, OR DRAINAGE FACILITIES, UNLESS APPROVED BY THE CITY OF WEST PALM BEACH CITY ENGINEER.
6. ALL WATER MAIN (WM) SHALL BE PVC C-900 DR-18 UNLESS OTHERWISE NOTED.
7. ALL WATER MAIN SHALL HAVE A MINIMUM 36" COVER OVER THE TOP OF THE PIPE UNLESS OTHERWISE NOTED. WATER AND FIRE MAINS SHALL HAVE MIN. 6" VERTICAL SEPARATION FROM EACH OTHER.
8. ALL FITTINGS FOR WATER MAIN AND FIRE MAIN SHALL BE DUCTILE IRON MECHANICAL JOINT FITTINGS UNLESS OTHERWISE NOTED.
9. PIPE DEFLECTION OF WATER MAIN AND FIRE MAIN SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATIONS.
10. ALL GRAVITY SEWER MAINS SHALL BE PVC SDR-26 UNLESS OTHERWISE NOTED.
11. ALL GRAVITY SEWER LATERALS SHALL BE PVC SDR-35 UNLESS OTHERWISE NOTED.
12. CONTRACTOR SHALL COORDINATE UNDERGROUND ELECTRIC SERVICE CONNECTION WITH FPL FOR CONDUIT SIZE AND BURIED DEPTH REQUIREMENT.
13. ANY VITRIFIED CLAY PIPE (VCP) DAMAGED BY NEW CONSTRUCTION OR CONNECTIONS SHALL BE REPLACED WITH NEW SANITARY SEWER MAIN PIPE.
14. WATER METER SIZES SHALL BE DESIGNED BY ENGINEER OF RECORD AND SHALL BE CHECKED AND AUTHORIZED BY CITY OF DELRAY BEACH UTILITIES DIVISION.
15. EXISTING WATER MAIN AND SEWER MAIN SHALL BE REMOVED AFTER PROPOSED WATER MAIN AND/OR SEWER MAIN HAS BEEN TESTED AND ACCEPTED BY PALM BEACH COUNTY HEALTH DEPARTMENT AND EXISTING SERVICES HAVE BEEN RELOCATED.
16. THE CITY OF WEST PALM BEACH UTILITIES DIVISION MUST BE GIVEN AT LEAST 72 HOURS NOTIFICATION PRIOR TO ANY SHUT-DOWN AND/OR REMOVAL OF EXISTING WATER MAIN OR SANITARY SEWER LINES AT (561) 822-2210.
17. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET MUST BE PROVIDED BETWEEN WATER MAINS AND STORM OR SANITARY SEWERS.
18. PRIOR TO ANY SANITARY SEWER SERVICE CONNECTION, REMOVAL AND/OR ABANDONMENT THE EXISTING SEWER LINE WILL BE TELEVIEWED AND CD SUBMITTED TO THE CITY OF WEST PALM BEACH UTILITIES DIVISION.
19. PROPOSED WATER AND SEWER IMPROVEMENTS IN PRIVATE PROPERTY SHALL MEET PALM BEACH COUNTY HEALTH DEPARTMENT SEPARATION REQUIREMENTS, THESE CONFLICTS WILL BE ADDRESS DURING CONSTRUCTION AND WON'T AFFECT THE PUBLIC SAFETY.
20. CITY MAINTAINED UTILITIES WILL NEED TO BE TESTED AND PROTECTED (IE. PAVED AT LEAST UP TO FIRST LIFT, IF NOT ROADWAY) PRIOR TO ISSUANCE OF CERTIFICATION OF OCCUPANCY.
21. ANY BUILDING FIRE LINE SHOWN ON THESE PLANS IS BEING SHOWN FOR COORDINATION PURPOSES ONLY. KIMLEY-HORN IS ONLY RESPONSIBLE FOR THE DESIGN OF THE WATER MAIN UP TO THE POINT OF SERVICE NOTED ON THE PLANS. PLEASE SEE PLANS BY (FIRE LINE DESIGNER) FOR PLAN AND DETAILS OF THE BUILDING FIRE LINE BEYOND THE POINT OF SERVICE.
22. ANY UNUSED WATER SERVICES ONSITE SHALL BE CUT AND CAPPED AT THE MAIN PER CITY DETAILS.
23. PALM BEACH LAKES BOULEVARD IS A COUNTY ROAD. CONTRACTOR SHALL COORDINATE WITH FDOT TO OBTAIN THE NECESSARY PERMITS FOR ANY WORK IN THE RIGHT-OF-WAY.
24. CONTRACTOR TO ENSURE THAT PROPER CLEARANCE AND COVER ARE PROVIDED FOR UNDERGROUND ELECTRIC CABLES BETWEEN OTHER UTILITIES. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY TO ENSURE NO CONFLICTS ARE CREATED.

Kimley»Horn	MICHAEL D. SPRUCE, P.E.	AUGUST 2017	SCALE AS SHOWN	DRAWN BY JRB
© 2017 KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE. SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 0000696	FL LICENSE NUMBER 52776	DATE	MEMO	CHECKED BY MDS
UTILITY PLAN				
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