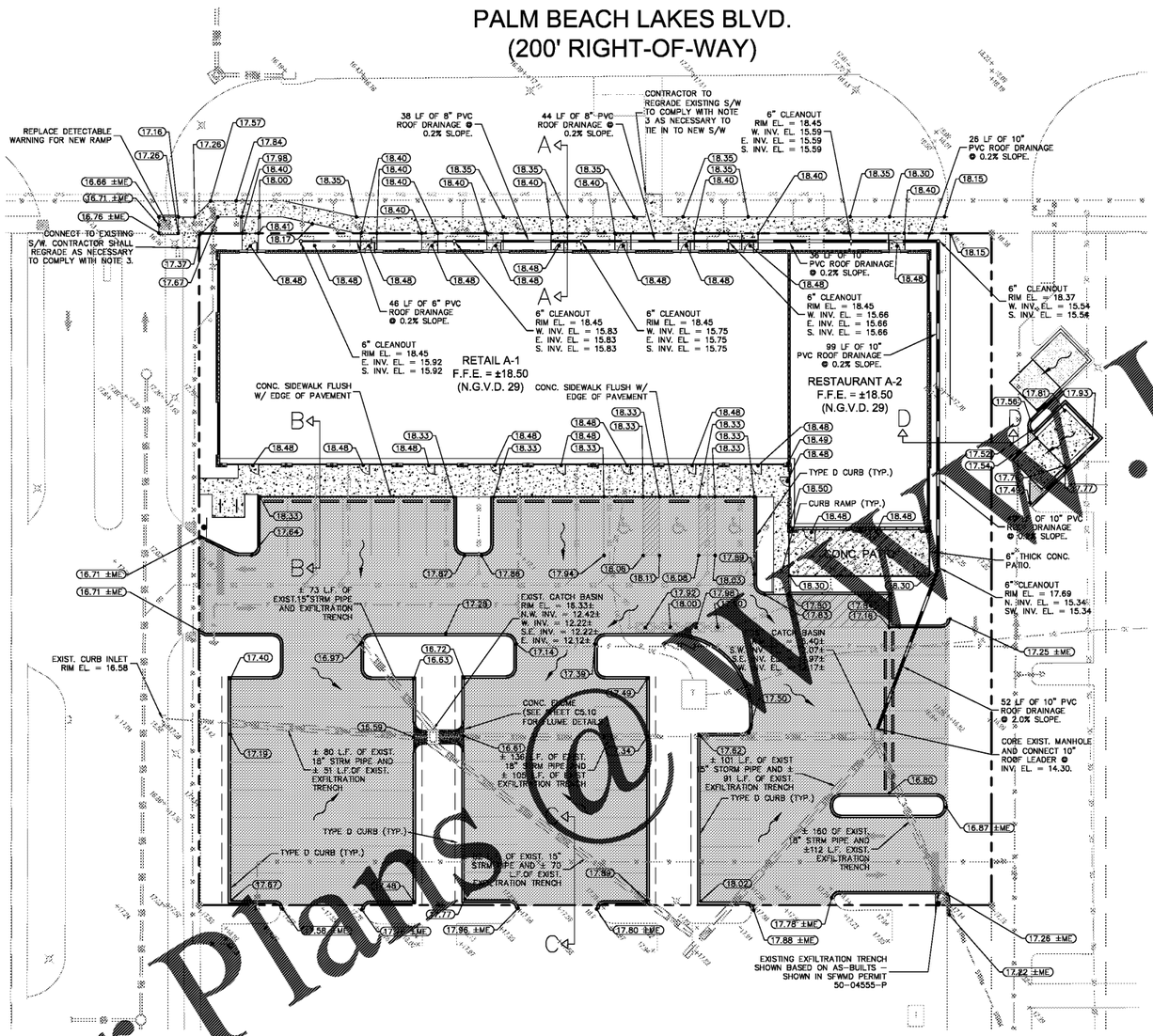

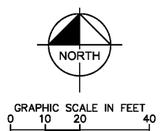

LEGEND

- SPOT ARROW
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- PROPERTY LINE
- PROPOSED CONCRETE SIDEWALK, PAD, FLUME
- PROPOSED ASPHALT PAVEMENT
- GAS — GAS — EXISTING GAS LINE
- OHE — OHE — EXISTING OVERHEAD ELECTRIC
- SS — SS — EXISTING SANITARY SEWER
- EXISTING EXFILTRATION TRENCH
- STM — STM — EXISTING STORM PIPE
- W — W — EXISTING WATER
- D D CROSS SECTION

PAVING, GRADING AND DRAINAGE NOTES

1. ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM 1929 (N.G.V.D. 29).
2. N.G.V.D. 29 ELEVATIONS ARE BASED ON NE CORNER BENCHMARK ELEVATION OF 18.39 AND SOUTHEAST CORNER BENCHMARK ELEVATION OF 17.21; TO CONVERT TO NORTH AMERICAN VERTICAL DATUM OF 1988 (N.A.V.D 88), SUBTRACT 1.55', PROVIDED BY WALLACE SURVEYING CORP.
3. THE CROSS SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0% THE LONGITUDINAL SLOPE ON ADA ACCESSIBLE ROUTES (NOT INCLUDING RAMPS) SHALL NOT EXCEED 5.0% THE LONGITUDINAL SLOPE FOR RAMPS SHALL NOT EXCEED 1V:12H (8.3%). ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2.0% IN ANY DIRECTION (INCLUDING DIAGONAL).
4. ALL CATCH BASINS AND DRAINAGE COLLECTION STRUCTURES SHALL BE DESIGNED WITH AN EIGHTEEN INCH (18") VERTICAL SUMP FROM THE INVERT ELEVATION (OR BOTTOM OF BAFFLE) TO THE BOTTOM OF THE STRUCTURE. IN ADDITION, A TWELVE INCH (12") DIAMETER OPEN SUMP, FILLED WITH WASHED GRADE ROCK, NO LARGER THAN ONE AND ONE HALF INCHES (1 ½") SHALL BE PLACED IN THE BASE OF THE STRUCTURE.
5. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING U.S. PRECAST (USP) U.S. FOUNDRY (USF) OR FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD (FDOT) PRODUCTS AS SPECIFIED OR APPROVED EQUAL. ALL STORM DRAINAGE STRUCTURES MUST COMPLY WITH CITY OF WEST PALM BEACH DETAILS AND REGULATIONS.
6. ROOF DRAIN CONNECTIONS TO DRAINAGE PIPE SHALL BE AS FOLLOWS:
   A. FOR ADS N-12 CORRUGATED POLYETHYLENE DRAINAGE PIPE USE ADS DUAL WALL FABRICATED REDUCING SADDLE TEE 4"-24" DIAMETER
   B. FOR RCP DRAINAGE PIPE MAKE CONNECTION FDOT INDEX 280, CONCRETE COLLAR FOR JOINING MAINLINE PIPE AND STUB PIPE DETAIL
   C. NOTIFY CONSULTANT FOR CONNECTION METHOD TO STEEL PIPE.
7. ALL RAMPS SHALL COMPLY WITH FDOT INDEX 304.
8. CONTRACTOR SHALL CLEAN ALL PROPOSED DRAINAGE STRUCTURES AND PIPES UPON COMPLETION OF CONSTRUCTION.
9. PROPOSED ELEVATIONS OF CURB REPRESENT FACE OF CURB OR EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
10. PROPOSED ELEVATIONS IN ALL PERVIOUS AREAS REPRESENT FINISHED TOP OF SOD/GRASS OR ANY OTHER LANDSCAPING MATERIAL.
11. ALL DRAINAGE STRUCTURES SHALL CONFORM TO THE LATEST FDOT INDEX STANDARDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.

No.	REVISIONS	DATE	BY

Kimley»Horn
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LICENSED PROFESSIONAL
MICHAEL D. SPRUCE, P.E.
FL LICENSE NUMBER
52776
DATE: ----

K:\A PROJECT
140336000
DATE:
AUGUST 2017
SCALE: AS SHOWN
DESIGNED BY MDM
DRAWN BY JRB
CHECKED BY MDS

PAVING, GRADING, AND DRAINAGE PLAN

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