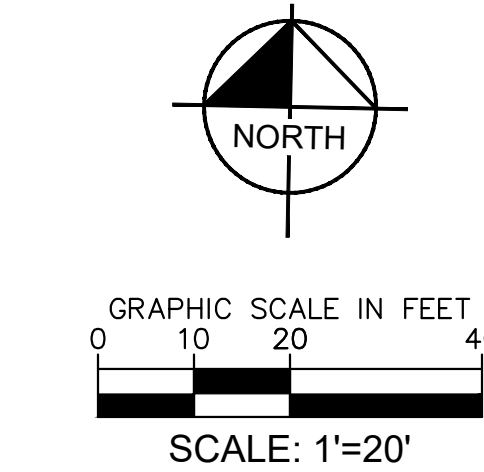


Plotted By: Beigelman, Alex Sheet Set: 2690 WEST SAMPLE ROAD Layout: C3.10 DRAINAGE PLAN September 15, 2025 05:51:56pm K:\IN-civil\143-jobs\143360001-2690 west sample road civil eng\Design\CADD\plansheets\C3.10 DRAINAGE PLAN.dwg  
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NW 27TH AVE

WEST SAMPLE ROAD



LEGEND

- RIGHT-OF-WAY LINE TO BE DEDICATED
- PROPERTY LINE / RIGHT-OF-WAY
- PROP ASPHALT PAVEMENT
- PROP 6" CONCRETE PAVEMENT
- PROP BUILDING
- EXIST CONCRETE PAVEMENT
- PROP CONCRETE PAVEMENT
- PROP DRAINAGE PIPE W/ EXFILTRATION TRENCH
- PROP DRAINAGE PIPE W/ STORAGE TRENCH
- PROP UNDERGROUND VAULT
- EXIST OVERHEAD UTILITY
- EXIST EASEMENT
- EXIST CHAIN LINK FENCE
- EXIST SANITARY SEWER
- EXIST COMMUNICATION LINE
- EXIST WATER MAIN
- PROP MITERED END SECTION
- PROP CATCH BASIN
- PROP CURB INLET
- PROP STORM MANHOLE
- EXIST SEWER MANHOLE
- EXIST CATCH BASIN
- EXIST LIGHT/POWER POLE
- EXIST ELECTRIC BOX
- EXIST CABLE TV
- EXIST PEDESTRIAN SIGNAL

DRAINAGE NOTES:

- 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 TWENTY FOUR INCH (24") DIAMETER OPEN SUMP, FILLED WITH WASHED GRADE ROCK, NO LARGER THAN ONE AND ONE HALF INCHES (1 1/2") SHALL BE PLACED IN THE BASE OF THE STRUCTURE.
- 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 JURISDICTIONAL AGENCY DETAILS AND REGULATIONS.
- ROOF DRAIN CONNECTIONS TO DRAINAGE PIPE SHALL BE AS FOLLOWS:
  - FOR ADS N-12 CORRUGATED POLYETHYLENE DRAINAGE PIPE USE ADS DUAL WALL FABRICATED REDUCING SADDLE TEE 4"-24" DIAMETER
  - FOR RCP DRAINAGE PIPE MAKE CONNECTION FDOT INDEX 280, CONCRETE COLLAR FOR JOINING MAINLINE PIPE AND STUB PIPE DETAIL
  - NOTIFY CONSULTANT FOR CONNECTION METHOD TO STEEL PIPE.
- STORM DRAIN PIPE SHALL BE AS FOLLOWS:
  - RCP CLASS III PER ASTM C-76
  - ALUMINIZED STEEL TYPE 2 ULTRA FLO 48" AND SMALLER SHALL BE 3/4" X 3/4" X 7-1/2" CORRUGATION 16 GA WITH A MINIMUM THICKNESS OF 0.064" 54" AND LARGER SHALL BE 3/4" X 3/4" X 7-1/2" CORRUGATION 14 GA WITH A MINIMUM THICKNESS OF 0.079"
  - CORRUGATED POLYETHYLENE PIPE PER AASHTO M284 JOINTS SHALL BE WATER TIGHT. ANY STORM PIPE USED MUST BE APPROVED BY LOCAL AUTHORITIES. CONTRACTOR SHALL SELECT THE MOST ECONOMICAL PRODUCT.
- CONTRACTOR SHALL CLEAN ALL PROPOSED DRAINAGE STRUCTURES AND PIPES UPON COMPLETION OF CONSTRUCTION.
- ALL DRAINAGE STRUCTURES SHALL CONFORM TO THE LATEST FDOT INDEX STANDARDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- STORM PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP), UNLESS OTHERWISE NOTED.
- ALL STORM PIPES ENTERING STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION AT STRUCTURE IS WATER TIGHT.

CONTRACTOR SHALL PRODUCE SHOP DRAWINGS AND ENSURE SIZE OF DRAINAGE INLET/MANHOLE IS ADEQUATE TO PROVIDE MINIMUM POLLUTANT RETARDANT BAFFLES CLEARANCES AS INDICATED ON SHEET C3.30

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY GEORGE BALABAN, P.E. ON THE DATE ADJACENT TO THE SEAL.  
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS.

ALL ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON THE NAVD 88. TO CONVERT THE ELEVATION HEREON TO NGVD 29 ADD 1.51 FEET.



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**Kimley»Horn**

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WWW.KIMLEY-HORN.COM REGISTRY No. 696

KHA PROJECT  
143360001

DATE  
MAY 2025

SCALE AS SHOWN

DESIGNED BY  
MB

DRAWN BY  
MB

CHECKED BY  
GB

DATE  
9/15/2025

PROFESSOR  
FLORIDA

STATE OF  
FLORIDA

NO. 74543

ENGINEER  
BALABAN, GEORGE

DRAINAGE PLAN

2690 WEST SAMPLE ROAD  
PREPARED FOR  
NATIONAL EXPRESS WASH LLC

FLORIDA

CITY OF POMPANO BEACH

SHEET NUMBER  
C3.10