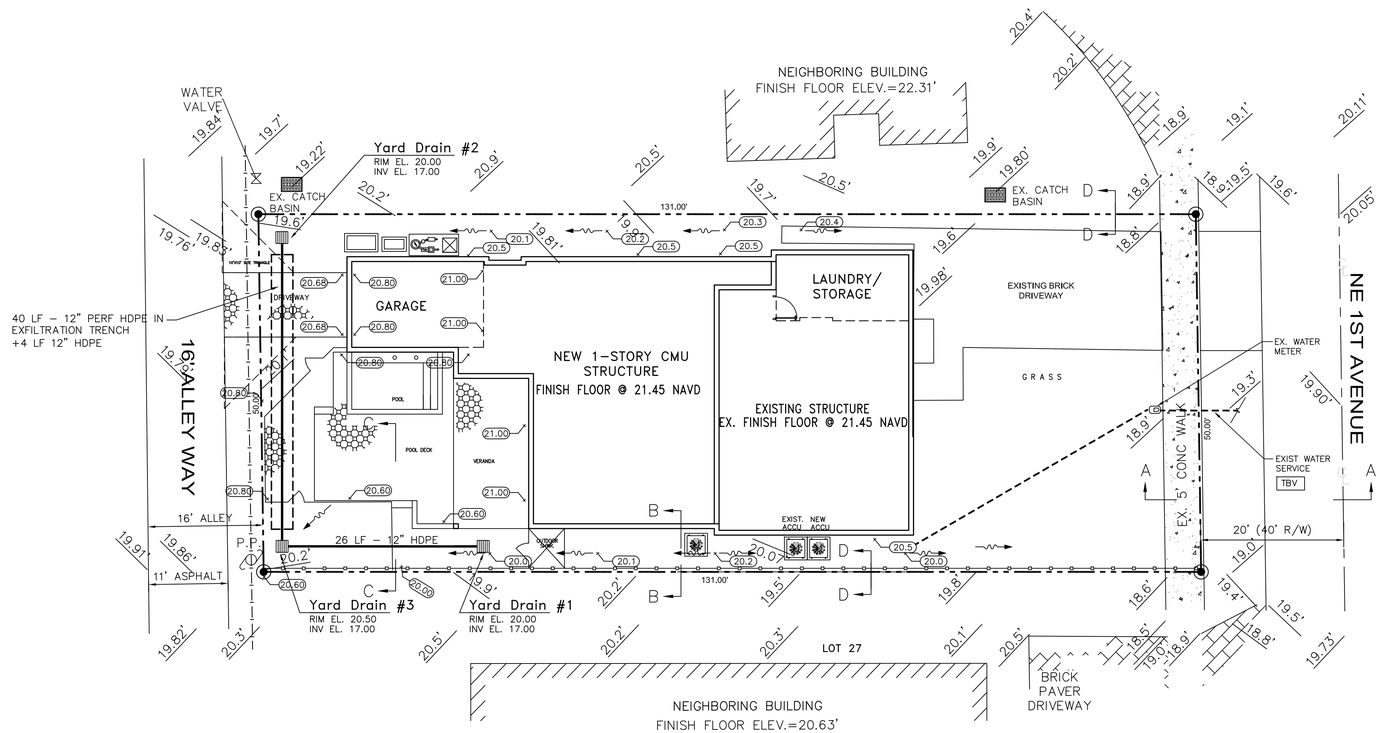
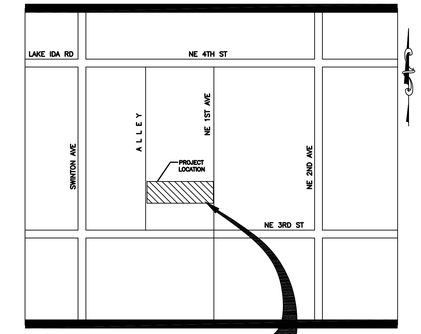




LOCATION SKETCH
N.T.S.

LEGAL DESCRIPTION :

LOT 26, SUBDIVISION OF LOT 65, DELRAY FLORIDA, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 2, PAGE 20 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

LEGEND:

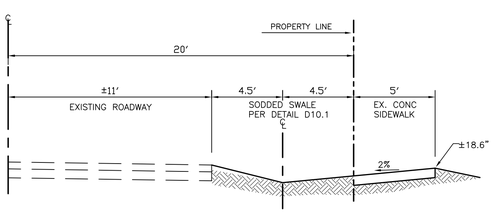
- 20.11' EXISTING ELEVATION (NAVD)
- 6.25 PROPOSED ELEVATION
- RUNOFF FLOW
- PAVER BLOCK
- PROPOSED CONCRETE
- EXISTING CONCRETE
- PAVEMENT RESTORATION
- TBR TO BE REMOVED
- TBV TO BE VERIFIED
- 7.0 SWALE CONTOUR
- PROPERTY LINE

AREA COVERAGES:

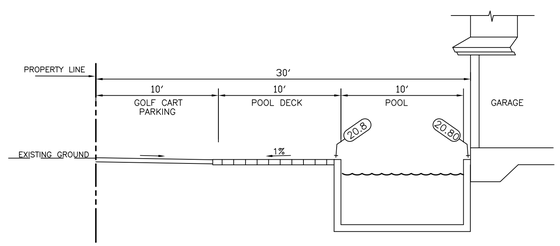
EXIST BUILDING AREA	=	1,073 SF	=	0.024	ACRE	16.3 %
NEW BUILDING AREA	=	1,288 SF	=	0.029	ACRE	19.6 %
POOL DECK AND PAVEMENT AREA	=	1,662 SF	=	0.038	ACRE	25.4 %
PERVIOUS AREA	=	2,526 SF	=	0.058	ACRE	38.6 %
TOTAL AREA	=	6,549 SF	=	0.150	ACRE	100 %

NOTES:

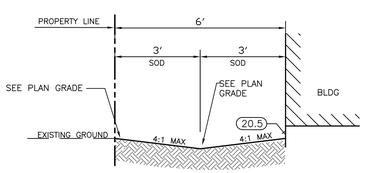
1. LOCAL DRAINAGE DISTRICT: CITY OF DELRAY BEACH
2. 10 YEAR – 1 DAY RAINFALL = 10.5 INCHES
3. 25 YEAR – 1 DAY RAINFALL = 13.0 INCHES
4. 100 YEAR – 1 DAY RAINFALL = 17.0 INCHES



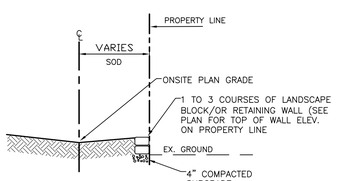
SECTION A–A
N.T.S.



SECTION C–C
N.T.S.



SECTION B–B
N.T.S.



SECTION D–D
N.T.S.
(FOR WHERE SWALE GRADES ARE HIGHER THAN NEIGHBOR'S LOT LINE GRADES)

CONSTRUCTION NOTES:

1. CONTRACTOR TO FIELD LOCATE SIZE, DEPTH, MATERIAL AND LOCATION OF EXISTING WATER SERVICE TO BUILDING PRIOR TO CONSTRUCTION. NOTIFY ENGINEER WITH INFORMATION.
2. CONTRACTOR TO FIELD LOCATE SIZE, DEPTH, MATERIAL AND LOCATION OF EXISTING SANITARY SEWER LATERAL SERVICE TO BUILDING PRIOR TO CONSTRUCTION. NOTIFY ENGINEER WITH INFORMATION.
3. EXISTING TOPOGRAPHIC INFORMATION PROVIDED BY MILLER LANDTEC SURVEYING.
4. ALL CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF DELRAY BEACH ENGINEERING.
5. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL GIVE TIMELY NOTIFICATION TO ALL UTILITY COMPANIES WITH FACILITIES IN THE AREA.
6. THE LOCATION OF EXISTING FACILITIES WERE PLOTTED FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD ALL EXISTING STRUCTURES, UTILITIES, AND SURVEY MARKERS.
8. ALL SIDEWALKS AND PATIOS SHALL BE SLOPED AWAY FROM HOUSE.
9. MAXIMUM GRASS SLOPES SHALL NOT EXCEED 4:1.
10. CONTRACTOR SHALL COORDINATE GRADING PLAN WITH LANDSCAPE ARCHITECT.
11. REMOVE ALL ORGANIC AND DELERIOUS MATERIAL BETWEEN THE EDGE OF PAVEMENT AND RIGHT OF WAY LINE (14' SODDED SWALE). NO MATERIAL OF F.D.O.T. CLASS A–5, A–7 OR A–8 SHALL BE ALLOWED IN THE RIGHT OF WAY.
12. **ALL ELEVATIONS SHOWN ARE BASED ON NORTH AMERICAN VERTICAL DATUM 1988.**
13. BEFORE ANY SHUT–DOWN AND/OR REMOVAL OF EXISTING WATERMAIN OR SANITARY SEWER LINE TAKES PLACE, THE CITY OF DELRAY BEACH UTILITIES AT (561)243–7312 MUST BE GIVEN AT LEAST 48 HOURS NOTIFICATION..
14. PRIOR TO ANY SANITARY SEWER SERVICE CONNECTION, REMOVAL AND/OR ABANDONEMENT, THE EXISTING SEWER LINE MUST BE TELEVISED AND CD submitted TO CITY OF DELRAY BEACH UTILITIES DIVISION. MANHOLES SHOULD BE INDENTIFIED IN ACCORDANCE WITH CITY'S NUMBERING SYSTEM.
15. WATER METER SIZES SHALL BE DESIGNED BY ENGINEER OF RECORD AND SHALL BE CHECKED AND AUTHORIZED BY CITY OF DELRAY BEACH UTILITIES DIVISION. CALL 561–243–7312, CITY UTILITY DEPT. TO ORDER WATER SERVICE INSPECTION.
16. ONCE ALL PERMITS ARE SECURED, A PRE–CONSTRUCTION MUST BE SCHEDULED THROUGH THE DEPUTY DIRECTOR OF CONSTRUCTION AT 561–243–7320 PRIOR TO STARTING ANY SITE WORK.
17. IN CASE ANY WATER OR SEWER SERVICE REQUIRES ROADWAY RESTORATION, MILLING AND RESURFACING OF THE ASPHALT FOR 50 FEET IN BOTH DIRECTIONS WILL BE REQUIRED. CONTACT MUST BE MADE WITH WATER/SEWER NETWORK MANAGER SCOTT SOLOMON OR RALPH LUGO FOR ASSISTANCE.
18. IF ANY EXISTING SIDEWALK IS DAMAGED DURING CONSTRUCTION, A NEW SIDEWALK MUST BE CONSTRUCTED. ALL SIDEWALKS MUST COMPLY WITH CITY DETAIL RT 5.1. THICKNESS SHALL BE 4", 6" AT DRIVEWAY CROSSING.
19. PER CITY LDR 6.1.3, NEW RESIDENTIAL CONSTRUCTION REQUIRES SIDEWALKS TO BE CONSTRUCTED PER RT 5.1 OR A SIDEWALK FEE CAN BE PAID TO THE CITY AT A SPECIFIED RATE PER LINEAL FOOT OF SIDEWALK.

SAWCUT NOTES:

1. SAWCUT EXISTING ASPHALT PAVEMENT. MATCH NEW PAVER GRADE TO EXISTING ASPHALT GRADE.

NOTES:

FLOOD ZONE : X
BASE FLOOD ELEVATION : N/A
2020 FEMA PRELIMINARY BASE FLOOD ELEVATION :
FLOOD MAP :
COMMUNITY NUMBER : 12099–C–0979–F
DATE: 10–5–17

JOHN J. HALEY LICENSE No. 40023 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John J. Haley, P.E. on date adjacent to seal

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

NOTE : OWNER SHALL SUBMIT FINAL SURVEY TO THE CITY WITH SUFFICIENT TOPOGRAPHY TO VERIFY CONFORMANCE TO DESIGN

Designed J.J.H.
Drawn E.L.H.
Checked J.J.H.

NO.	DATE	REVISION	BY

HALEY ENGINEERING, INC.
CIVIL ENGINEERING SERVICES.
1680 SE 4th Street – Deerfield Beach, Fla. 33441
Phone: (954) 260–6194
Email: johnjhaley@comcast.net
F.B.P.E. Authorization No. 9463

310 NE 1ST AVENUE
DELRAY BEACH, FLORIDA

PAVING AND DRAINAGE PLAN

APPROVED: John J. Haley Digitally signed by John J. Haley Date: 2022.10.04 09:57:52 -04'00'
DATE:
JOHN J. HALEY, P.E.
REGISTERED ENGINEER NO. 40023
STATE OF FLORIDA

SCALE	PROJECT NUMBER	
1" = 10'	22-2964	1 / 3