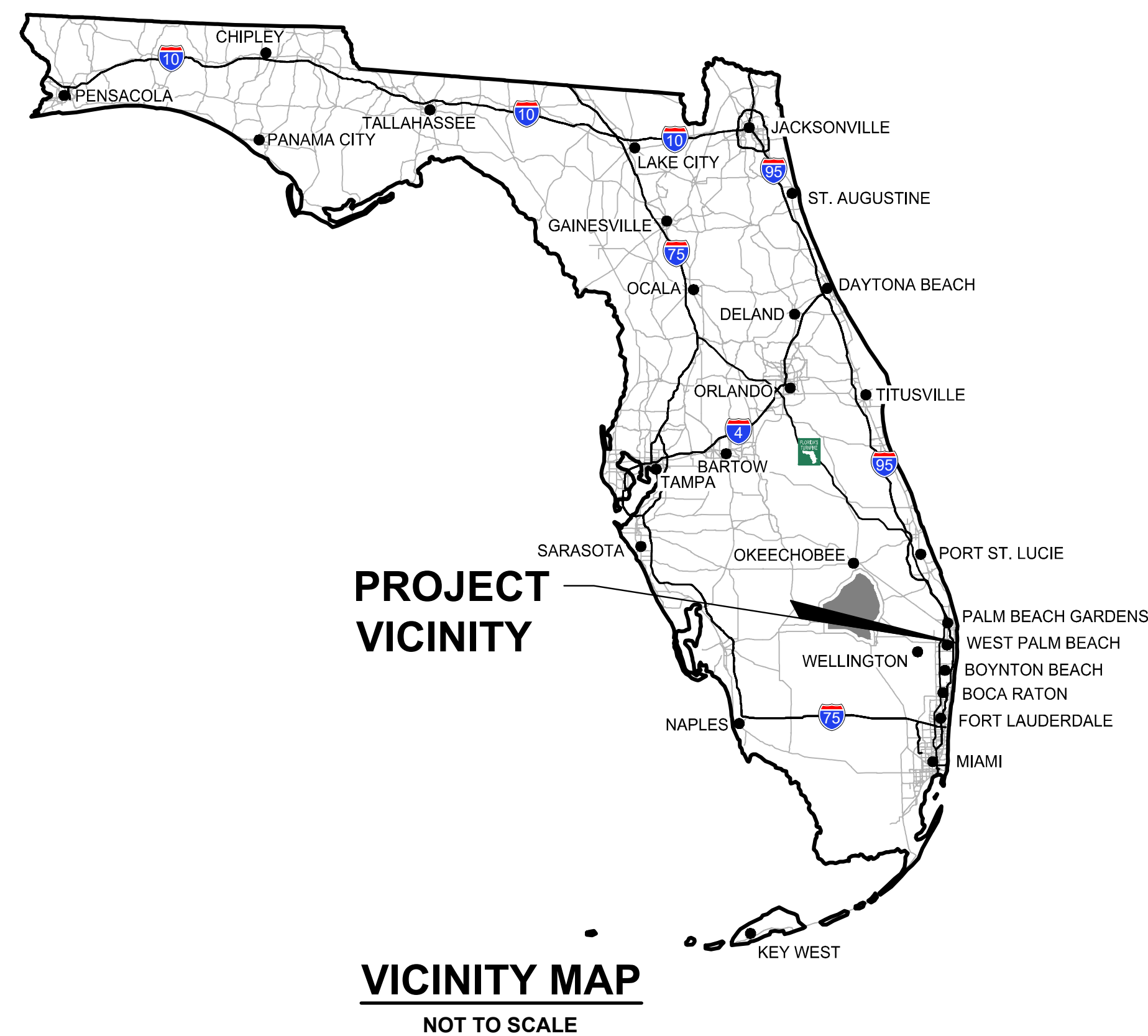


# CONCEPTUAL SITE DEVELOPMENT PLANS

# PALM BEACH SYNAGOGUE

SECTION 22, TOWNSHIP 43S., RANGE 43E.

TOWN OF PALM BEACH, FLORIDA

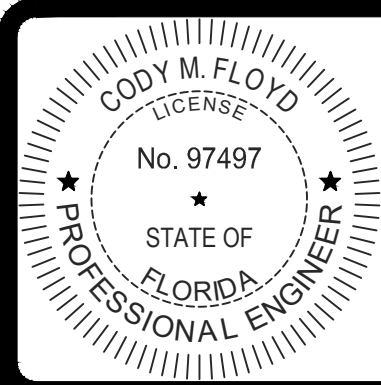


LOCATION MAP

NOT TO SCALE

## INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
1	TITLE SHEET
2	CONCEPTUAL DEMOLITION PLAN
3	CONCEPTUAL SITE DEVELOPMENT PLAN
4	CONCEPTUAL DETAILS



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Digitally  
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Cody M Floyd  
Date:  
2024.10.09  
08:40:01-04'00'



PALM BEACH SYNAGOGUE  
SECTION 22, TOWNSHIP 43S., RANGE 43E.  
TOWN OF PALM BEACH, FLORIDA  
TITLE SHEET

DESIGN E.C.	DRAWN C.O.	CHECKED	APPROVED	DATE
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JOB NO. 24-073	DRAWING NO. 24073C01	SHEET 1 OF 4
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# LEGEND

- EXISTING GRADE ELEVATION
- SAWCUT & REMOVE EXISTING ASPHALT, CONCRETE, CURB, ETC.
- EXISTING EASEMENT (TO BE ABANDONED)
- EXISTING OVERHEAD POWER LINE & POWER POLE
- EXISTING STORM DRAINAGE PIPE
- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- EXISTING FORCE MAIN
- EXISTING STORM DRAINAGE PIPE (TO BE REMOVED)
- EXISTING WATER MAIN (TO BE REMOVED)
- EXISTING SEWER MAIN (TO BE REMOVED)
- EXISTING LIGHT POLE (TO BE REMOVED)

EXISTING U.E. (O.R.B. 35070, PG. 765)

EXISTING CATCH BASIN (TO BE REMOVED)  
RIM = 4.20  
INV.(E) = 2.45  
INV.(S) = 1.98

LOT 184  
223 SUNSET AVE.  
2-STORY BLDG.

EXISTING STORM PIPE (TO BE REMOVED)

EXISTING ELECTRIC VAULT (TO BE REMOVED/RELOCATED BY OTHERS)

2-STORY BUILDING (TO BE REMOVED)

EXISTING LIGHT POLE (TO REMAIN)

10'X102.9' RESTRICTED BUILD EASEMENT (O.R.B. 5119, PG. 1491)(TO BE ABANDONED)

10'X25' LANDMARK DESIGNATION (O.R.B. 7278, PG. 227)

5.25'X50' U.E. (O.R.B. 9014, PG. 1174) (PORTION TO BE ABANDONED)

2-STORY BUILDING (TO BE REMOVED)

EXISTING ELECTRIC BOXES (TO REMAIN)

EXISTING PEDESTRIAN CROSSING SIGNS (TO REMAIN)

EXISTING CATCH BASIN  
RIM = 4.94  
INV.(S) = 2.51

5.25' U.E. (O.R.B. 9014, PG. 1174) (PORTION TO REMAIN)  
EXISTING WATER METERS (TO REMAIN)  
EXISTING BACKFLOW PREVENTER (TO REMAIN)  
EXISTING METER BOXES

EXISTING TYPE "F" CURB AND VALLEY GUTTER (TO BE SAWCUT, REMOVED, AND REPLACED)

EXISTING SIGN (TO BE REMOVED)  
EXISTING CURB INLET (TO BE MODIFIED FROM CURB GUTTER INLET TO VALLEY GUTTER INLET)  
RIM = 4.17  
INV.(N) = 1.52  
INV.(E) = 0.82

EXISTING STRIPING (TO BE REMOVED)

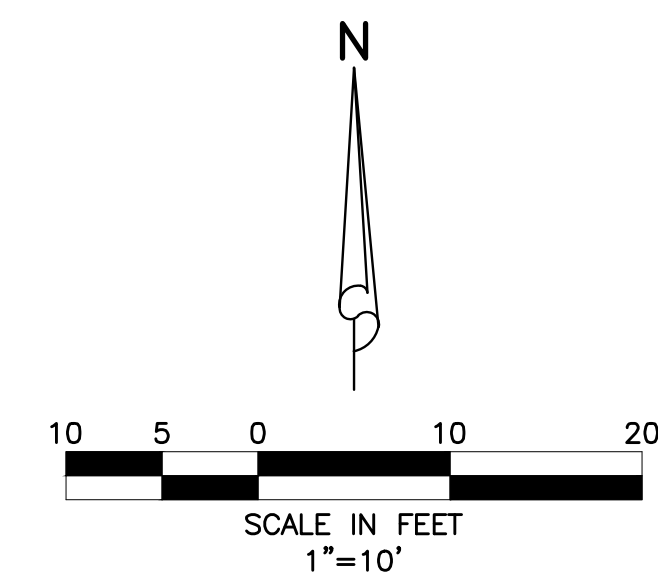
EXISTING WOODEN POWER POLE (TO REMAIN)  
EXISTING LIGHT POLE (TO REMAIN)

EXISTING STORM MH.  
RIM = 5.87  
INV.(NE) = -0.28  
INV.(SE) = -0.53

EXISTING SAN. MH.  
RIM = 5.93



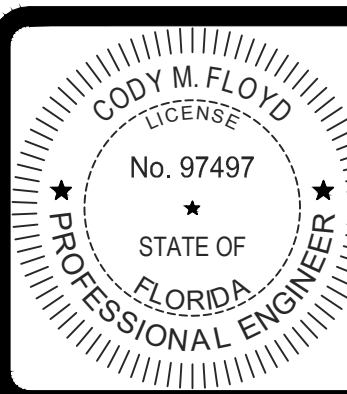
## LOCATION MAP NOT TO SCALE



## NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE F.D.E.P. AND PALM BEACH COUNTY HEALTH DEPT. STANDARDS FOR THE REMOVAL AND DISPOSAL OF EXISTING SANITARY SEWER SYSTEM, GREASE TRAPS AND OTHER SANITARY SEWER SYSTEM APPURTENANCES ON-SITE.
- CONTRACTOR SHALL COORDINATE RELOCATION/ REMOVAL OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITY LINES, POWER/UTILITY/LIGHT POLES AND GUY WIRES, SERVICES AND TRANSFORMERS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS WITH APPLICABLE UTILITY COMPANIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES ON AND ADJACENT TO THE PROPOSED SITE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE REMOVAL OF ALL EXISTING SITE IMPROVEMENTS AND THE DISPOSAL THERE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES AND ORDINANCES AT THE CONTRACTORS EXPENSE. JOB SITE SHALL BE LEFT IN A CLEAN AND PRESENTABLE CONDITION AT THE END OF EVERY DAY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL FEES FOR ENVIRONMENTAL SURVEYS AND/OR ASSESSMENTS, AS MAY BE REQUIRED FOR DEMOLITION AND OBTAINING ANY AND ALL PERMITS REQUIRED FROM THE ISSUING GOVERNING AGENCIES.
- CONTRACTOR SHALL TURN OFF OR HAVE CAPPED OFF ALL UTILITIES IN ALL AREAS TO BE DEMOLISHED WHETHER SHOWN OR NOT.
- THE DEMOLITION CONTRACTOR SHALL CARRY THE PROPER INSURANCE TO PROTECT HIMSELF, HIS EMPLOYEES, THE OWNER, THE ARCHITECT AND ENGINEERS FROM ANY AND ALL CLAIMS OCCURRING OR CAUSED BY OR RELATED TO HIS WORK.
- ANY DAMAGE TO EXISTING PROPERTY OF ANY KIND ATTRIBUTED TO THIS CONTRACTOR'S WORK SHALL BE QUICKLY AND PROPERLY REPAIRED TO THE SATISFACTION OF THE OWNER AND ENGINEER AND APPLICABLE GOVERNING AGENCY.
- CONTRACTOR SHALL FIELD VERIFY ADDITIONAL SITE RELATED DEMOLITION AND NOTIFY ENGINEER OF ANY CONFLICTS OR CHANGES IN SCOPE.
- CONSTRUCTION/DEMOLITION WITHIN PALM BEACH COUNTY AND F.D.O.T. RIGHT OF WAY SHALL NOT COMMENCE WITHOUT PERMITS BEING ISSUED, CONSTRUCTION COMMENCEMENT NOTICES AND PRE-CONSTRUCTION MEETING HELD WITH BOTH AGENCIES.
- ALL EXISTING EASEMENTS IN AREAS TO BE DEMOLISHED ON-SITE SHALL BE ABANDONED. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING REMOVAL OF EXISTING FACILITIES WITH APPLICABLE GOVERNING AGENCIES AND UTILITY SERVICE PROVIDERS AND PROVIDING NEW SERVICE TO PROPOSED BUILDINGS.
- CONTRACTOR SHALL PROVIDE MEANS TO ADEQUATELY STORE AND PROPERLY TREAT AND DISPOSE OF STORMWATER RUNOFF FROM THE CONSTRUCTION SITE DURING DEMOLITION OF EXISTING FACILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL F.D.E.P./N.P.E.S. STANDARDS DURING DEMOLITION, INCLUDING OBTAINING ALL PERMITS AND FILING OF N.O.I, N.O.T.I., ETC.
- ABANDON TANK PER CODE 64E-6.011  
TANK ABANDONMENT PROCEDURES: (A) PUMP OUT TANK BY CERTIFIED LICENSED SEPTIC TANK CONTRACTOR OR LICENSED PLUMBER (RECEIPT REQUIRED). (B) RUPTURE TANK BOTTOM OR COLLAPSE ENTIRE TANK SO AS TO PREVENT THE TANK FROM RETAINING WATER, & (C) FILL TANK WITH CLEAN SAND/OTHER SUITABLE MATERIAL & COMPLETELY COVER WITH SOIL.
- FINAL APPROVAL SHALL BE GRANTED UPON RECEIPT OF THE FOLLOWING LEGIBLE INFORMATION SUBMITTED TO FDOHB-septic@flhealth.gov: (1) PUMP OUT RECEIPT & (2) PICTURES OF (B) & (C) ABOVE, (3) PICTURE SHOWING THE SEPTIC TANK IN RELATION TO THE BUILDING. THE DOH MAY PERFORM A FINAL INSPECTION PRIOR TO FINAL APPROVAL.

NOTE: ALL ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988 BASED ON A SURVEY PREPARED BY WALLACE SURVEYING, CORP. (561) 640-4551.



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PALM BEACH SYNAGOGUE  
SECTION 22, TOWNSHIP 43S., RANGE 43E.  
TOWN OF PALM BEACH, FLORIDA  
CONCEPTUAL DEMOLITION PLAN

REVISIONS

DESIGN E.C. DRAWN C.O. CHECKED APPROVED DATE

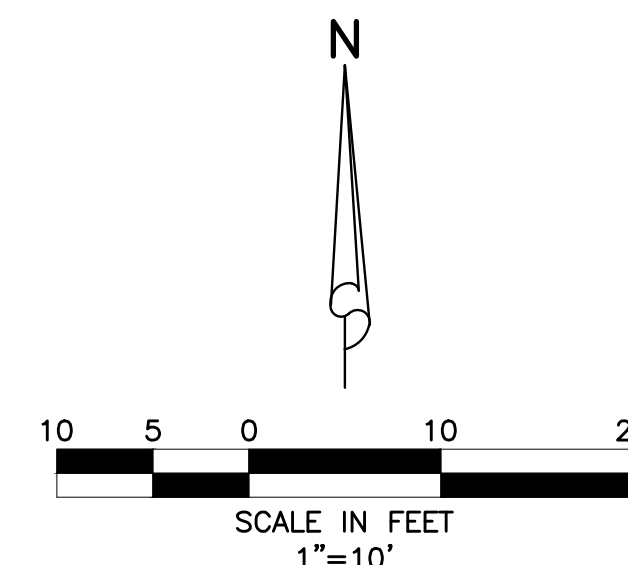
JOB NO. 24-073 DRAWING NO. 24073C02 SHEET 2 OF 4





# LOCATION MAP

NOT TO SCALE



## LEGEND

- PROPOSED STORM SEWER AND CATCH BASIN
- DIRECTION OF FLOW
- DIRECTION OF SWALE
- PROPOSED HIGH POINT
- EXISTING GRADE ELEVATION
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED BRICK PAVERS/DECORATIVE PAVEMENT
- PROPOSED UNDERGROUND STORAGE CHAMBERS
- 24" WHITE STOP BAR, "STOP" SIGN & (25') 6" DOUBLE YELLOW STRIPING W/ BI-DIRECTIONAL AMBER R.P.M.'S
- EXISTING OVERHEAD POWER LINE & POWER POLE
- EXISTING STORM DRAINAGE PIPE (TO REMAIN)
- EXISTING WATER MAIN (TO REMAIN)
- EXISTING SEWER MAIN (TO REMAIN)
- EXISTING FORCE MAIN (TO REMAIN)
- EXISTING STORM DRAINAGE PIPE (TO BE REMOVED. SEE SHEET 2 FOR INFORMATION)

## NOTES:

- THIS DESIGN IS CONCEPTUAL AND SUBJECT TO CHANGE BASED ON FINAL DESIGN.
- ALL WATER AND WASTEWATER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF PALM BEACH AND THE PALM BEACH COUNTY HEALTH DEPARTMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEMOLITION MATERIAL IN ACCORDANCE WITH ALL APPLICABLE GOVERNING AGENCY STANDARDS.
- LOCATIONS OF WATER AND SANITARY SEWER SERVICES, DRAINAGE STRUCTURES AND PIPES AND OTHER STRUCTURES TO BE COORDINATED WITH LANDSCAPE DESIGN DURING PREPARATION OF FINAL CIVIL ENGINEERING PLANS.
- CONSTRUCTION AND DEMOLITION TO COMPLY WITH N.F.P.A. 241.
- FIRE DEPARTMENT LOCKING CAPS WILL BE REQUIRED ON THE FIRE DEPARTMENT CONNECTION.
- ALL ROOF DRAINS TO BE DIRECTED TO ONSITE DRAINAGE SYSTEM. NO DIRECT RUNOFF OFFSITE.

## Stormwater Retention Calculations

### A.) SITE INFORMATION

Total Property Area	=	31,408 s.f.
Drainage Area Impervious Surface	=	28,463 s.f.
Drainage Area Pervious Surface	=	2,933 s.f.

### B.) ESTIMATED STORMWATER RETENTION VOLUME (Q-C-IA)

The retention volume is estimated by using the Rational Method:

C (Impervious surface)	=	1.0
C (pervious surface)	=	0.2
I (to bring to Town's LOS)	=	1.0 in/hr

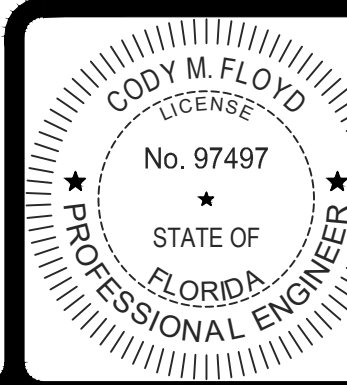
Impervious Surface Runoff Volume	=	2371.92 c.f.
Pervious Surface Runoff Volume	=	48.88 c.f.
Total Volume to be Retained	=	2420.80 c.f.
	=	0.67 ac-in

### C.) SUMMARY:

Refer to exfiltration spreadsheet for provided volume based on length of 2' x 2' trench

Required:	0.67 ac-in	Provided	0.7 ac-in
			+/-1800 s.f.
			Underground Chamber Footprint

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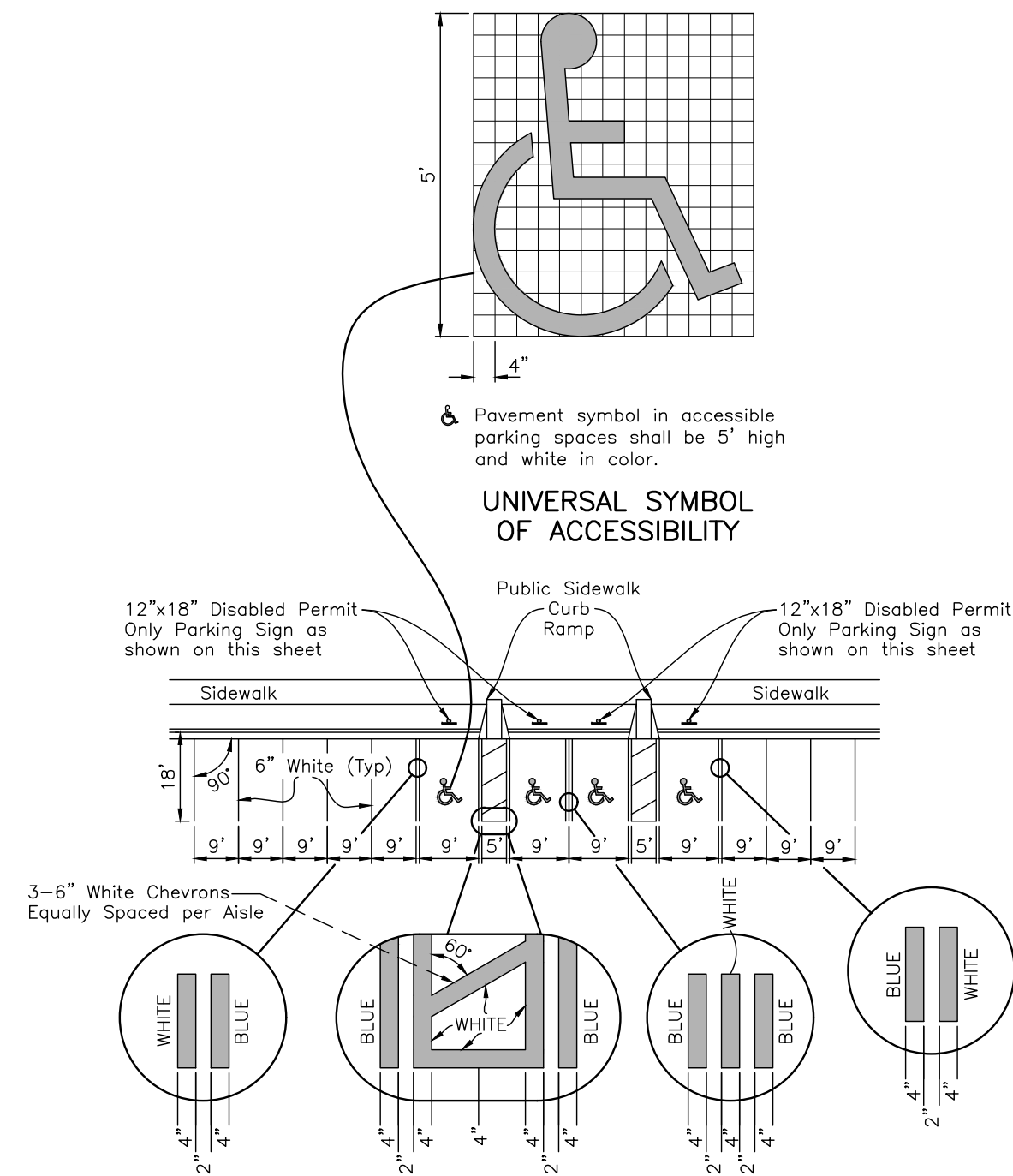


DESIGN	DRAWN	CHECKED	APPROVED	DATE
E.C.	C.O.			

PALM BEACH SYNAGOGUE  
SECTION 22, TOWNSHIP 43S., RANGE 43E.  
TOWN OF PALM BEACH, FLORIDA  
CONCEPTUAL SITE DEVELOPMENT PLAN

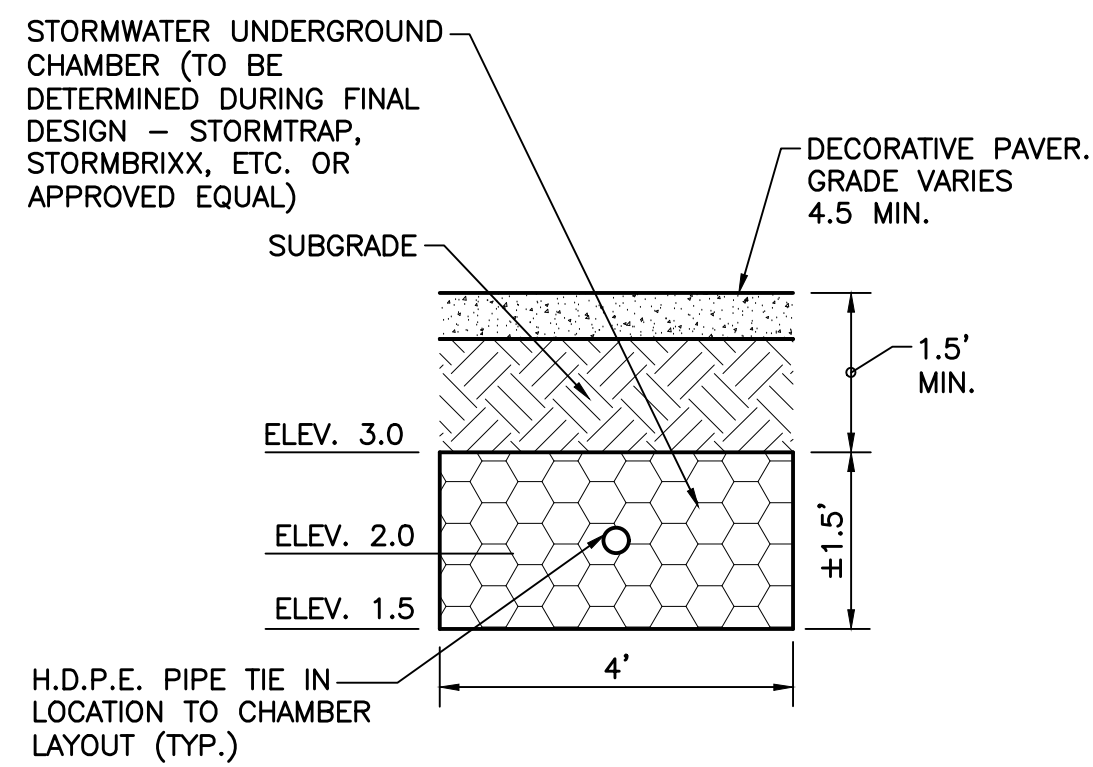
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24-073	24073C03	3	4



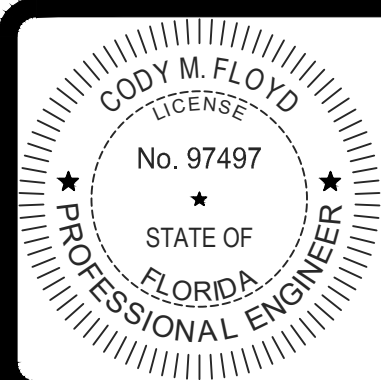


NOTES:  
1. Dimensions are to the centerline of markings.  
2. Criteria for pavement markings only, not public sidewalk curb ramp locations. For ramp locations refer to plans.  
3. Blue pavement markings shall be tinted to match shade 15180 of Federal Standards 595a.

PAVEMENT MARKING FOR PUBLIC  
SIDEWALK CURB RAMP  
**TYPICAL PARKING SPACES**  
NOT TO SCALE



**PRELIMINARY UNDERGROUND  
STORMWATER CHAMBER DETAIL**  
NOT TO SCALE



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PALM BEACH SYNAGOGUE  
SECTION 22, TOWNSHIP 43S., RANGE 43E.  
TOWN OF PALM BEACH, FLORIDA  
**CONCEPTUAL DETAILS**

DESIGN	DRAWN	CHECKED	APPROVED	DATE
E.C.	C.O.			

JOB NO.	DRAWING NO.	SHEET	OF
24-073	24073C04	4	4