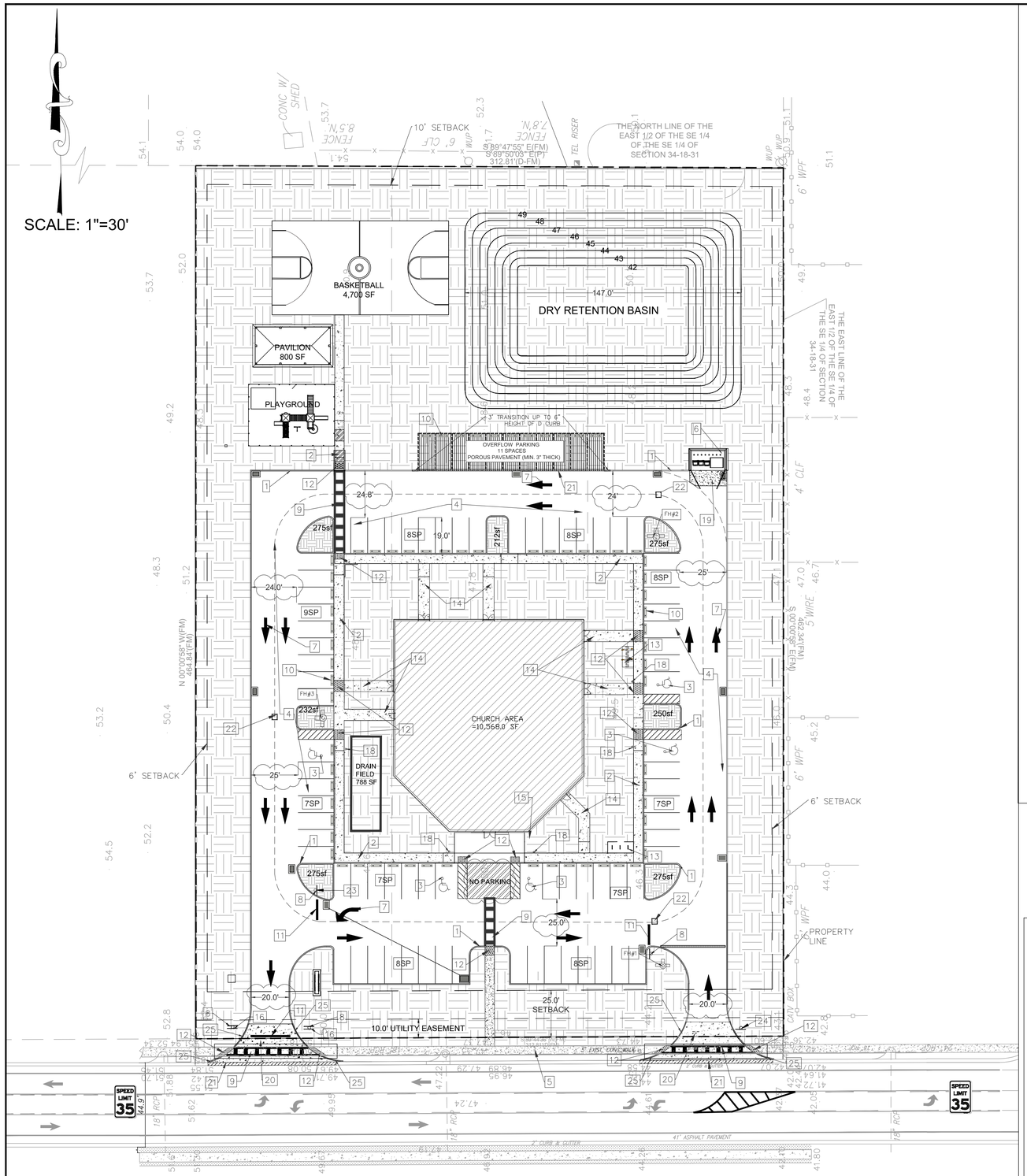


SITE CALLOUTS

1. 8" TYPE D CURB, 6" HIGH
2. 5' CONCRETE WALKWAY
3. ADA SYMBOL PAINTED ON PAVEMENT (DETAIL 7/C500)
4. PROPOSED ASPHALT PAVEMENT
5. EXISTING CONCRETE SIDEWALK
6. DUMPSTER CONCRETE PAD & ENCLOSURE
7. PAINTED DIRECTIONAL ARROW (DETAIL A SHEET S1.5)
8. R1-1 HI-INTENSITY STOP SIGN
9. CROSSWALK PER FDOT INDEX 711-001
10. WHEEL STOP
11. 24" STOP BAR
12. FDOT RAMP WITH DETECTABLE WARNING
13. BIKE RACK (3) - 6 BIKE SPACES
14. 6' PAVED WALKWAY
15. LOCATION OF KNOX BOX ON WALL
16. DO NOT ENTER SIGN (R5-1)
17. FDOT VALLEY GUTTER
18. ADA SIGNAGE (DETAIL 9/C500)
19. DUMPSTER CONCRETE PAD. 8" THICK 4000PSI (DETAIL 6/C500)
20. 8" THICK 4000PSI CONCRETE APRON AND 8" THICK SIDEWALK (DETAIL 6/C500)
21. NEW VALLEY CURB
22. BLUE RPM IN FRONT HYDRANT, LOCATED IN CENTER OF DRIVEWAY
23. LEFT TURN ONLY SIGN (MUTCD R3-5L) MOUNTED UNDER STOP SIGN
24. ENTRANCE ONLY
25. TYPE F CURB ON BOTH SIDE OF CONCRETE APRON

SITE DATA TABLE

TOTAL DEVELOPABLE AREA:		147,668.4 SF (3.39 AC)
ZONING:		R-1
LAND USE		VACANT, PROPOSED USE CHURCH
PARCEL ID		81-34-000-000-90
FUTURE LAND USE:		RESIDENTIAL LOW DENSITY
BUILDING HEIGHT:	REQUIRED	35'
	PROVIDED	PROPOSED HEIGHT = 27"-2"
BUILDING CONSTRUCTION TYPE:		V-B
SETBACK:	PER SEC. 110-817, HOUSES OF WORSHIP SHALL BE 50-FT FROM ANY PROPERTY LINE	
	PROVIDED	25-FT(FRONT) 6-FT (SIDE) 10-FT(REAR)
MAX. LOT COVERAGE = 35% (FOR ALL BUILDING PRINCIPAL AND ACCESSORY)		
LOT COVERAGE PROVIDED	(10,568.0+800.0)/147,668.0 = 0.077	

SITE DATA

TABLE 1. PERMITTED USE AREA

USES		AREA(SF)	PERCENTAGE(%)	% OF PERVIOUS & IMPERVIOUS
IMPERVIOUS SURFACE	PARKING	15,821	10.70%	62,619 SF 42.4%
	DRIVEWAY	25,145	17.03%	
	SIDEWALK	5,152	3.49%	
	BUILDING	10,568	7.15%	
	BASKETBALL	4,700	3.18%	
	PAVILLON	800	0.54%	
	DUMPSTER & PAD	433	0.29%	
PERVIOUS SURFACE	PLAYGROUND	1,510	1.04%	85,049.0 SF 57.6%
	DRY RETENTION	17,203	11.65%	
	DRAIN FIELD	788	0.54%	
	OPEN SPACES	65,548	44.39%	

TABLE 2. REQUIRED AND PROVIDED OFF-STREET PARKING

MIN. PARKING REQUIRED	PARKING PROVIDED
260 SEATS X 1 SP / 3 SEATS	77 PAVED SPACES(INCLUDED 5 ADA)
86.6 -----> 87 SPACES REQUIRED, 5 ADA INCLUDED	11 TURF BLOCK PARKING

DRAIN FIELD REQUIRED 624 SF *PROVIDED 788 SF

(57)TREES TO BE REMOVED (62)TREES TO BE PRESERVED (52%) OF TOTAL

BICYCLE PARKING:
81-100 SPACES = 5 SPACES REQUIRED.
6 BIKE SPACES PROVIDED.

Notes:

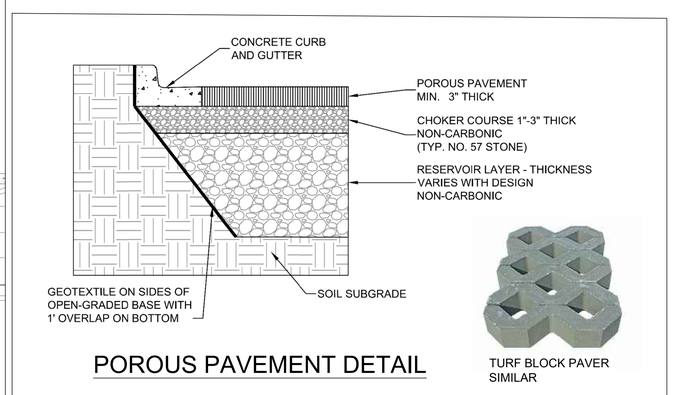
1. In all new and existing buildings, minimum radio signal strength for fire department communications shall be maintained at a level determined by the AHJ (NFPA 1:11.10.1) Where required by the AHJ, two-way radio communication enhancement systems shall comply with NFPA 1221 (NFPA 1: 11.10.2).

2. The Dumpster Enclosure shall be painted and treated same as building.

3. Contractor to provide the maintenance of traffic (MOT) plan to city for review and approval. Approval of MOT plan shall be obtained prior to the pre-construction meeting.

LEGEND

- -BUILDING
- -SIDEWALK
- -GREEN AREA
- -POROUS PAVEMENT GREEN AREA
- -NEW VALLEY CURB



POROUS PAVEMENT DETAIL

NOTE:
REPRODUCTION OF THIS PLAN IS INVALID UNLESS CONTAINING ORIGINAL SIGNATURE AND EMBOSSED WITH ENGINEER'S SEAL AS PER CHAPTER 21H.23.002 FLORIDA ADMINISTRATIVE CODE.

SOLANGE DAO, P.E., FLORIDA #54516

REVISIONS

DAO CONSULTANTS, INC.
CERTIFICATE OF AUTHORIZATION NO.: FL #5482
1110 EAST MARKS STREET
ORLANDO, FLORIDA 32803-4018
PHONE: (407) 898-6872
FAX: (407) 898-3778

LIGHTHOUSE PENTECOSTAL CHURCH
590 FT. SMITH BLVD., DELTONA, FL
SITE PLAN

DRAWN BY:	
CHECKED BY:	
APPROVED BY:	SD
ISSUE DATE:	02/07/2022
PROJECT NO.	2021-35
SHEET	S 1.3 OF