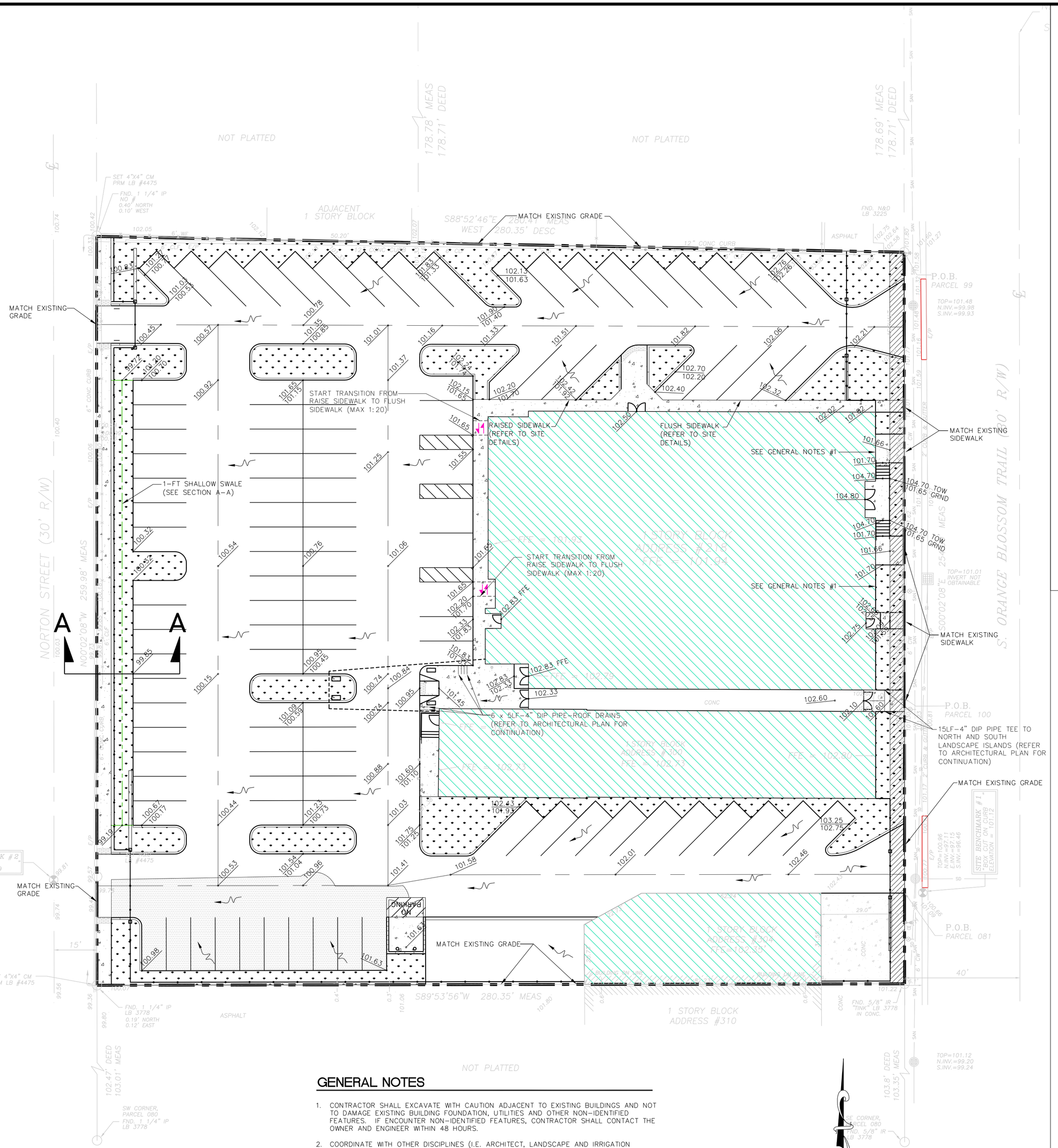
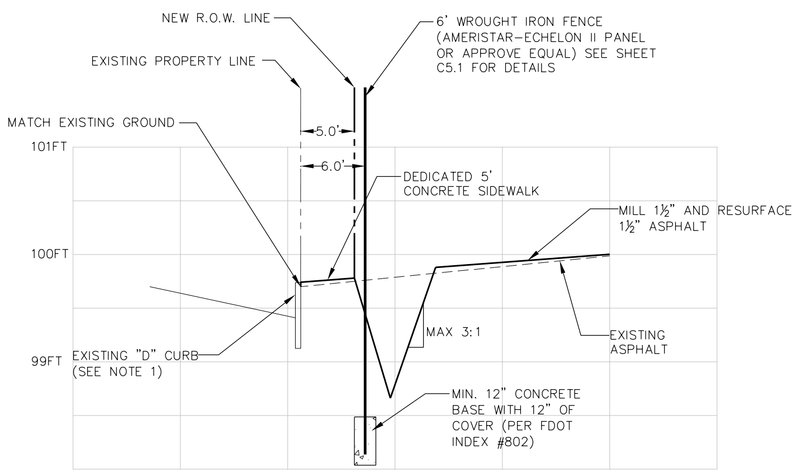


GENERAL NOTES

1. CONTRACTOR SHALL EXCAVATE WITH CAUTION ADJACENT TO EXISTING BUILDINGS AND NOT TO DAMAGE EXISTING BUILDING FOUNDATION, UTILITIES AND OTHER NON-IDENTIFIED FEATURES. IF ENCOUNTER NON-IDENTIFIED FEATURES, CONTRACTOR SHALL CONTACT THE OWNER AND ENGINEER WITHIN 48 HOURS.
2. COORDINATE WITH OTHER DISCIPLINES (I.E. ARCHITECT, LANDSCAPE AND IRRIGATION PLANS, ETC.) FOR DISCREPANCY. IF THERE ARE DISCREPANCIES, CONTRACTOR TO NOTIFY THE CORRESPONDING DISCIPLINES FOR CORRECTIVE ACTION.
3. LANDSCAPE ALONG ORANGE BLOSSOM TRAIL SHALL BE FLUSH WITH FLORIDA DEPARTMENT OF TRANSPORTATION SIDEWALK.
4. REFER TO SHEET C0 – GENERAL NOTES FOR ADDITIONAL GENERAL NOTES.



SWALE CROSS SECTION A-A

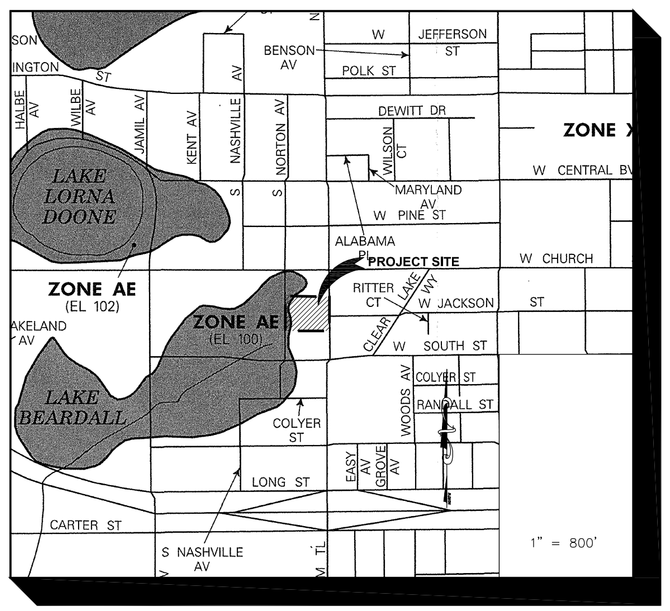
SCALE
VERTICAL 1" = 1'
HORIZONTAL 1" = 10'

NOTES
1. CONTRACTOR SHALL REPAIR/RECONSTRUCT ANY DAMAGED "D" CURB ALONG THE WEST SIDE OF PROPERTY AND ANY SIDEWALK AS PART OF THIS PROJECT.
2. SWALE AREA SHALL BE SODDED WITH BAHIA GRASS OR APPROVE EQUAL.

STORMWATER CALCULATION

1. REQUESTED PERMIT DETERMINATION/EXEMPTION WITH SOUTH FLORIDA WATER MANAGEMENT DISTRICT. THIS PROJECT QUALIFIES AS A NO NOTICE PERMIT (APPLICATION NO. 090204-31) WHICH DOES NOT REQUIRE A PERMIT WITH SFWMD)
2. THERE IS NO NET INCREASE IN IMPERVIOUS AREA FOR THIS PROJECT. THIS PROJECT WILL ADD APPROXIMATELY 3,021 SQUARE FEET OF ASPHALT AND 149 SF OF BUILDING ADDITION, HOWEVER NET IMPERVIOUS AREA IS REDUCED FROM 96% TO 88%.
3. CITY OF ORLANDO REQUIREMENTS
   a. GREATER OF
      0.5 INCH TIMES DRAINAGE AREA = $0.5"\times(\frac{1}{12})\times 0.0900$ AC = 0.0038 AC-FT OR
      1.25 INCHES OVER IMPERVIOUS AREA = $1.25"\times(\frac{1}{12})\times 0.0728$ AC = 0.00758 AC-FT
   b. REQUIRED WATER QUALITY VOLUME IS 0.00758 AC-FT = 330 CF

   => PROVIDED VOLUME IS 584 CF > REQUIRED VOLUME IS 330 CF => OK.
4. NO ONSITE FILL IS PROPOSED WITHIN THE 100 YR FLOOD PLAIN ELEVATION (BACK OF PROPERTY IS WITHIN ZONE AE ELEVATION 100FT NGVD 29). EXISTING BUILDING FINISH FLOOR ELEVATIONS ARE ABOVE 100FT.
5. MILLING AND RE-SURFACING SHALL GRADE WITH POSITIVE FLOW AWAY FROM THE BUILDINGS WITH MINIMUM 0.5% SLOPE.
6. REFER TO SHEET C0 – GENERAL NOTES FOR ADDITIONAL GRADING AND DRAINAGE NOTES.



SOURCE: FIRM 12095C0245E
EFFECTIVE: DECEMBER 2000

SITE LEGEND

- PROPERTY LINE
- CONCRETE SIDEWALK
- NEW ASPHALT/IMPERVIOUS AREA (2,946 SF)
- SPOT ELEVATION
- SURFACE FLOW PATTERN
- EXISTING BUILDING RENOVATION
- PROPOSED 5FT SERVICE EASEMENT DEDICATION

REVISIONS

No.	DATE	DESCRIPTION	APP'D BY
1	03-31-09	CITY OF ORLANDO COMM.	QTL
2	05-11-09	ADD OUC NOTES	QTL
3	08-04-09	CITY OF ORLANDO COMM. (BLD2009-03635)	QTL
4	09-18-09	CITY OF ORLANDO BLD2009-00444 COMM.	QTL
5	10-02-09	FDOT UTILITY PERMIT	QTL

FIRST HAITIAN FREE CHURCH OF NAZARENE BY FAITH RENOVATION

GRADING AND DRAINAGE PLAN

LAM
Civil Engineering, Inc.
2504 E. JACKSON STREET
ORLANDO, FL 32803
OFFICE: 407-228-9540
FAX: 407-228-9541
CERTIFICATE OF AUTHORIZATION No. 27340

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NOT FOR CONSTRUCTION
UNLESS SIGNED AND SEALED

QUANG T. LAM, P.E.
FL REGISTRATION No. 62550

DATE

PROJECT No.	2008.999.07
DATE:	11-05-09
DRAWN BY:	LCE
APPROVED BY:	QTL

SHEET C3