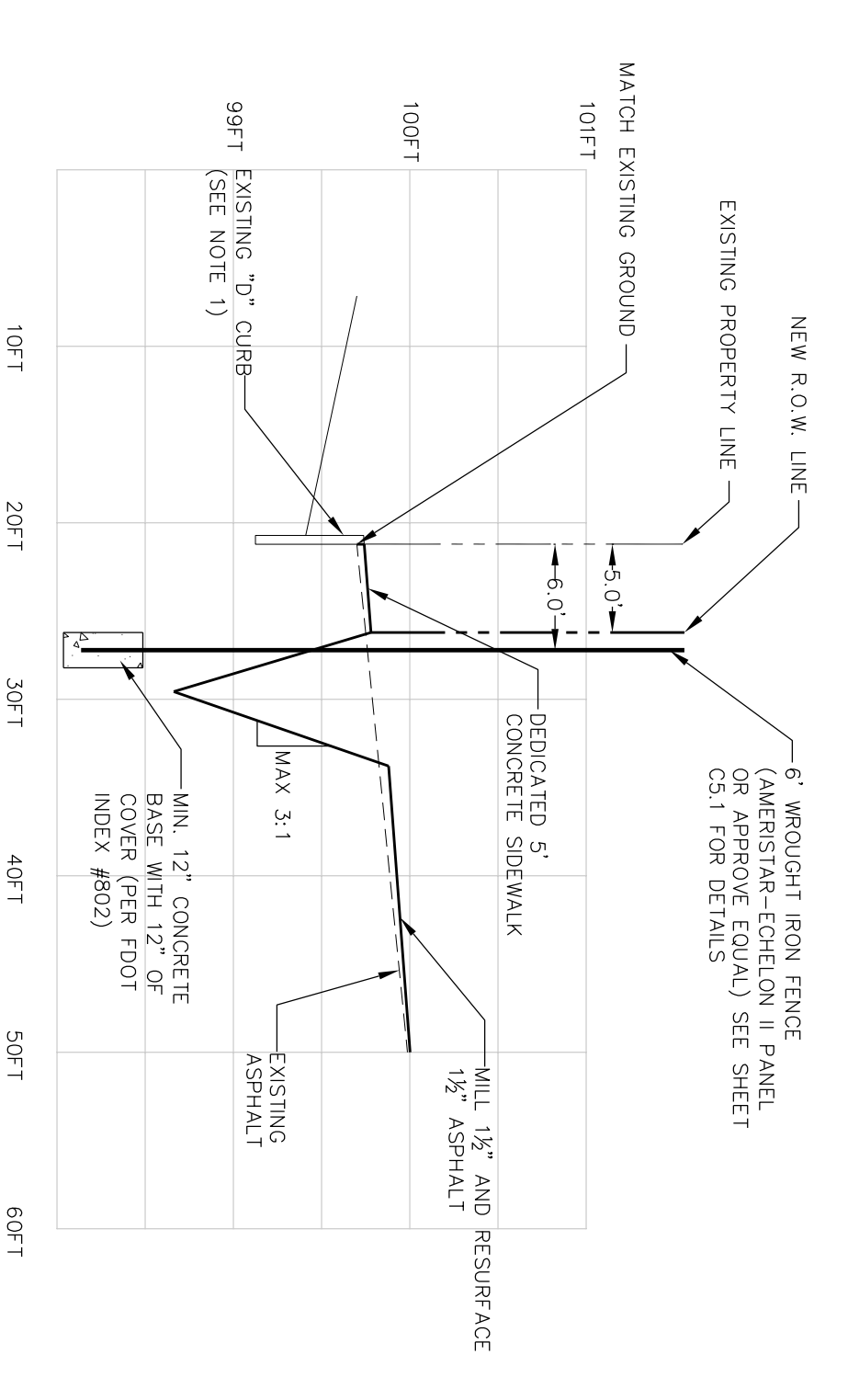
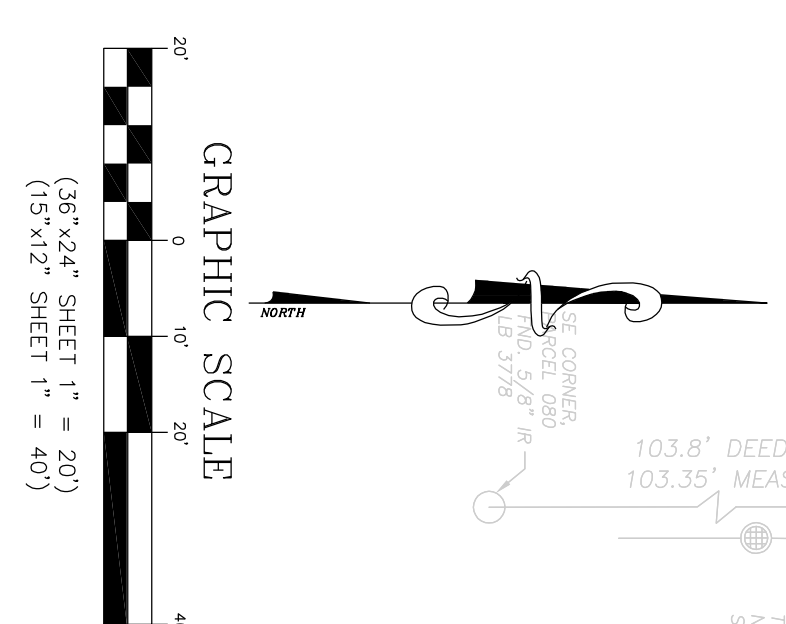
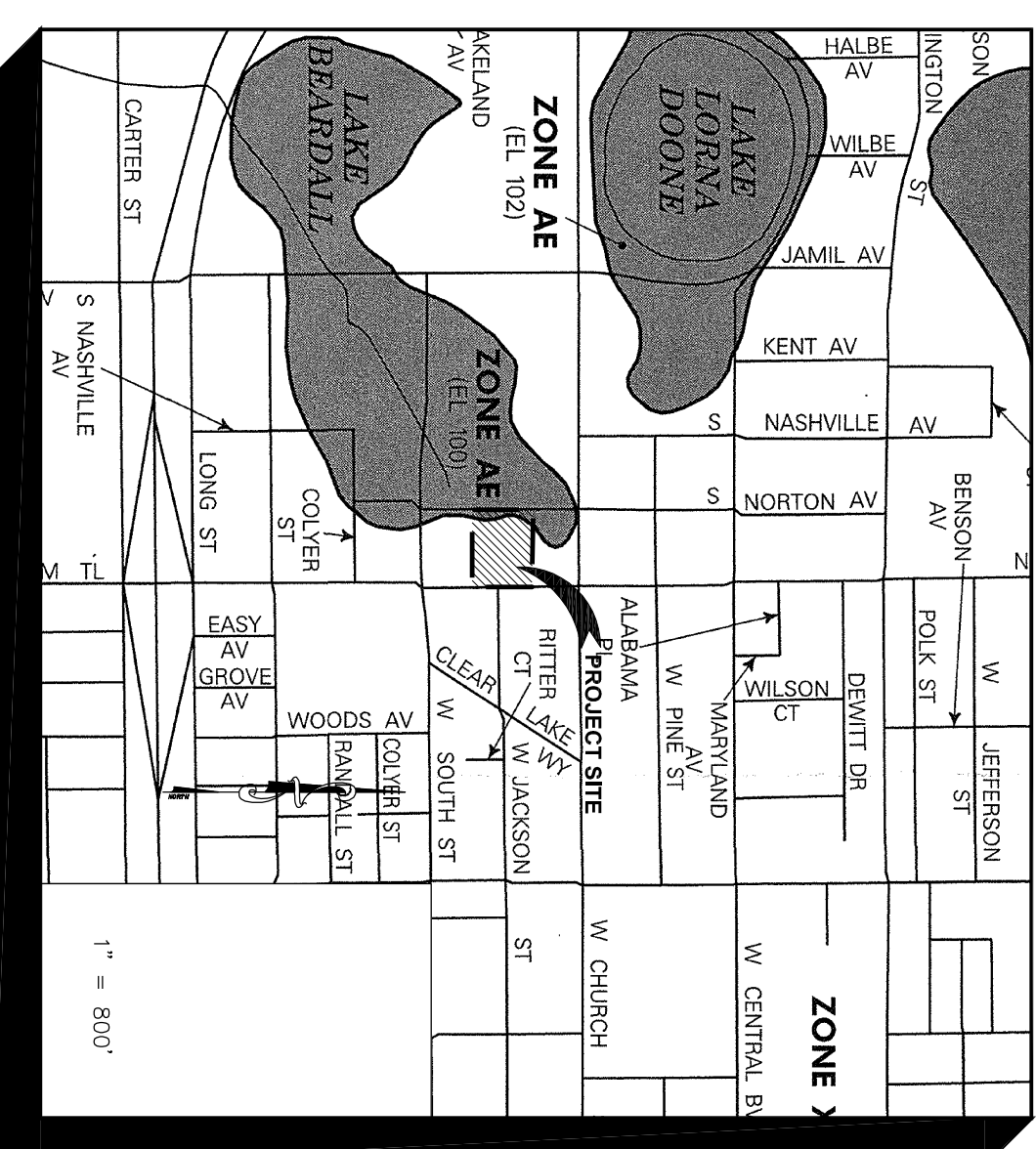


- GENERAL NOTES**
- CONTRACTOR SHALL EXCAVATE WITH CAUTION ADJACENT TO EXISTING BUILDINGS AND NOT TO DAMAGE EXISTING BUILDING FOUNDATION, UTILITIES AND OTHER NON-IDENTIFIED FEATURES. IF ENCOUNTER NON-IDENTIFIED FEATURES, CONTRACTOR SHALL CONTACT THE OWNER AND ENGINEER WITHIN 48 HOURS.
 - COORDINATE WITH 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.
 - LANDSCAPE ALONG ORANGE BLOSSOM TRAIL SHALL BE FLUSH WITH FLORIDA DEPARTMENT OF TRANSPORTATION SIDEWALK.
 - REFER TO SHEET CO - GENERAL NOTES FOR ADDITIONAL GENERAL NOTES.



- NOTES**
- CONTRACTOR SHALL REPAIR/RECONSTRUCT ANY DAMAGED "D" CURB THIS PROJECT.
 - SMALLE AREA SHALL BE SOODED WITH BAHIA GRASS OR APPROVE EQUAL.
- SCALE:
VERTICAL 1" = 1'
HORIZONTAL 1" = 10'

- STORMWATER CALCULATION**
- 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 SWM(D).
 - THERE IS NO NET INCREASE IN IMPERVIOUS AREA FOR THIS PROJECT. THIS PROJECT WILL ADD APPROXIMATELY 2,021 SQUARE FEET OF ASPHALT AND 149 SF OF BUILDING ADDITION, HOWEVER NET IMPERVIOUS AREA IS REDUCED FROM 96% TO 88%.
 - CITY OF ORLANDO REQUIREMENTS
 - GREATER OF 0.5 INCH TIMES DRAINAGE AREA = 0.5*(13,14) 0900 AC = 0.0038 AC-FT OR 0.5 INCH TIMES IMPERVIOUS AREA = 0.5*(1,025 AC)*0.0728 = 0.368 AC-FT
 - REQUIRED WATER QUALITY VOLUME IS 0.00728 AC-FT = 0.350 CF = 0.00728 AC-FT => PROVIDED VOLUME IS 964 CF > REQUIRED VOLUME IS 350 CF => OK
 - NO ONSITE FILL IS PROPOSED WITHIN THE 100 YR FLOOD PLAN ELEVATION (BACK OF PROPERTY IS WITHIN ZONE AE ELEVATION 100FT MGD 29). EXISTING BUILDING FINISH FLOOR ELEVATIONS ARE ABOVE 100FT.
 - MILING AND RE-SURFACING SHALL GRADE WITH POSITIVE FLOW AWAY FROM THE BUILDINGS WITH MINIMUM 0.5% SLOPE.
 - REFER TO SHEET CO - GENERAL NOTES FOR ADDITIONAL GRADING AND DRAINAGE NOTES.



- 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. | OTL | |
| 2 | 05-11-09 | ADD OUC NOTES | OTL | |
| 3 | 08-04-09 | CITY OF ORLANDO COMM. (BLD2009-03635) | OTL | |
| 4 | 09-18-09 | CITY OF ORLANDO BLD2009-00444 COMM. | OTL | |
| 5 | 10-02-09 | FDOT UTILITY PERMIT | OTL | |

FIRST HAITIAN FREE CHURCH OF NAZARENE BY FAITH RENOVATION

GRADING AND DRAINAGE PLAN

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: 11-05-09

PROJECT No. 2008.999.07

DATE: 11-05-09

DRAWN BY: LCE

APPROVED BY: QTL

SHEET C3