



- NOTES:**
- SEE SHEET AB-1 FOR DRILLED PIER PLAN
  - SEE SHEET AB-3 FOR JOINTING PLAN
  - T.O.C. = TOP OF CONCRETE ELEVATION
  - 5384.97 = TOP OF SLAB ELEVATION
  - SEE SHEET G-3 FOR COORDINATE INFORMATION
  - ALL PENETRATIONS IN DIGESTER AND AERATION BASIN WALLS MUST HAVE ADDITIONAL REINFORCING ACCORDING TO THE DETAILS SPECIFIED IN THE PLAN NOTES ABOVE.
  - REFER TO SHEET DL-1 FOR STANDARD CORNER DETAILS, INCLUDING CORNER REINFORCING REQUIREMENTS.
  - ALL PENETRATIONS AND WALL PIPE LOCATIONS SHOWN SHALL BE ADJUSTED IN THE FIELD TO BE PLACED BETWEEN PRIMARY WALL REINFORCING BARS. PRIMARY WALL REINFORCING BARS SHALL NOT BE CUT OR INTERRUPTED AT PENETRATIONS. REFER TO SHEETS AB-4 AND AB-5 FOR ADDITIONAL REINFORCING AND ADJUSTMENT REQUIREMENTS FOR ALL WALL PENETRATIONS.

**1 AERATION BASINS AND DIGESTER BASINS STRUCTURAL PLAN**  
 SCALE: 1" = 10'

- ALL WALL LEGS OF DOWELS AND CORNER BARS SHALL BE PLACED TO PROVIDE MAXIMUM CLEAR SPACE BETWEEN WALL REINFORCING AND AVOID CONFLICTS WITH WALKWAY CHANNEL ANCHORS. VERTICAL WALL LEGS SHALL BE PLACED ALONG SIDE PRIMARY REINFORCING, AND HORIZONTAL WALL LEGS SHALL BE PLACED ABOVE OR BELOW PRIMARY REINFORCING.
- PROVIDE #4 COPPER CONDUCTOR FOR UFER GROUND, MINIMUM 20 FOOT LENGTH WITHIN CONCRETE SLAB AND BONDED TO REINFORCING STEEL PER CODE.

REVISIONS		
NO.	DATE	DESCRIPTION
1	08/24/2010	ISSUED FOR EARTHWORK QUOTE
2	12/21/2010	ISSUED FOR FOUNDATION PERMIT SUBMITTAL TO PRRBD (A-BASINS AND DIGESTERS)
3	01/07/2011	ISSUED FOR CONSTRUCTION PER PRRBD PERMIT #58954 (FDN ONLY)

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**STRUCTURAL PLAN**  
 HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY  
 LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

DRAWN	MAL/MAM
DESIGNED	JP
CHECKED	MG
DATE	2010
PROJECT NO.	20166.362
GMS FILE NO.	2599

**GMS, INC.**  
 CONSULTING ENGINEERS  
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SHEET  
**AB-2**  
 OF  
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XREF FILENAME: G:\BASE DWG: G:\PLOT STYLE FILE: 1005C.DWG  
 FILENAME: G:\LFMSD\20166362\AB1\AB1.DWG