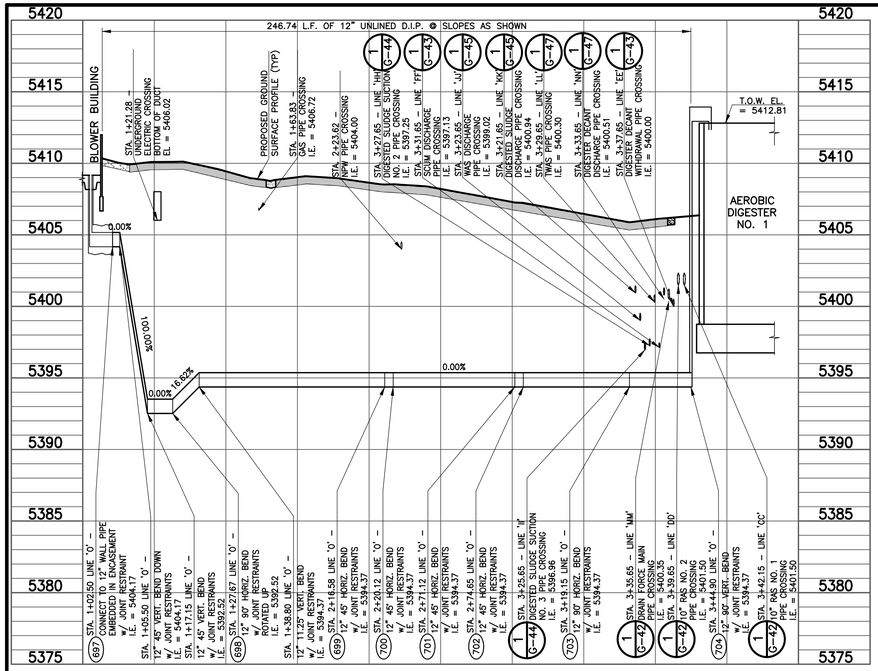
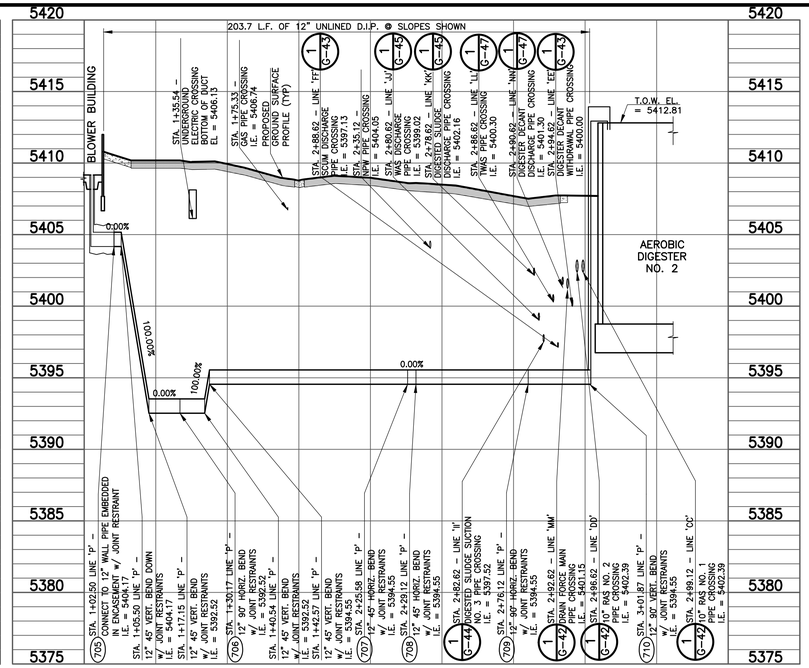
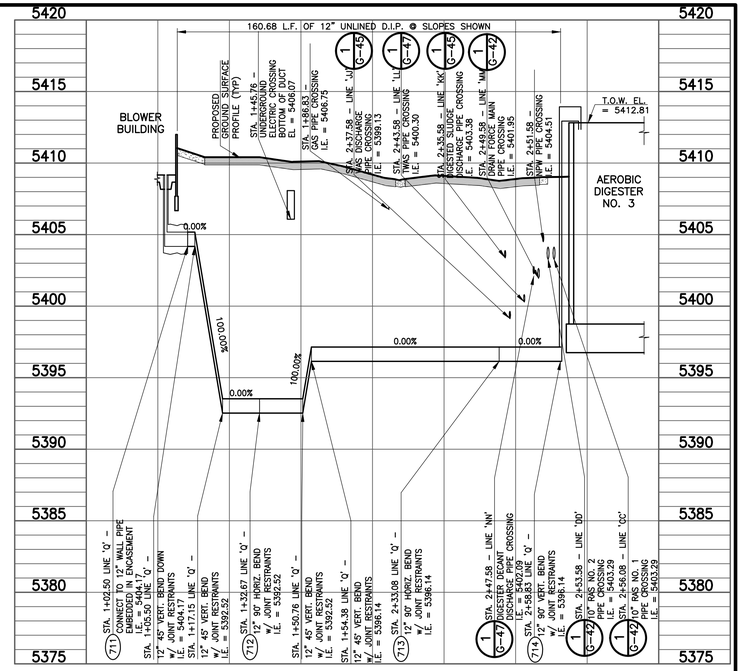
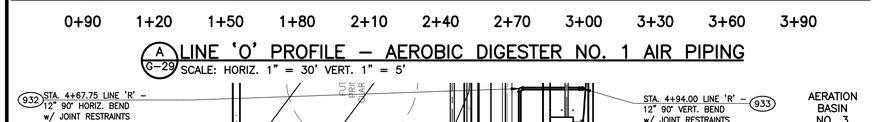
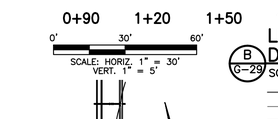




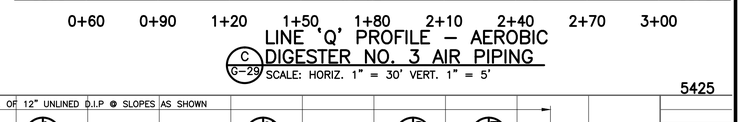




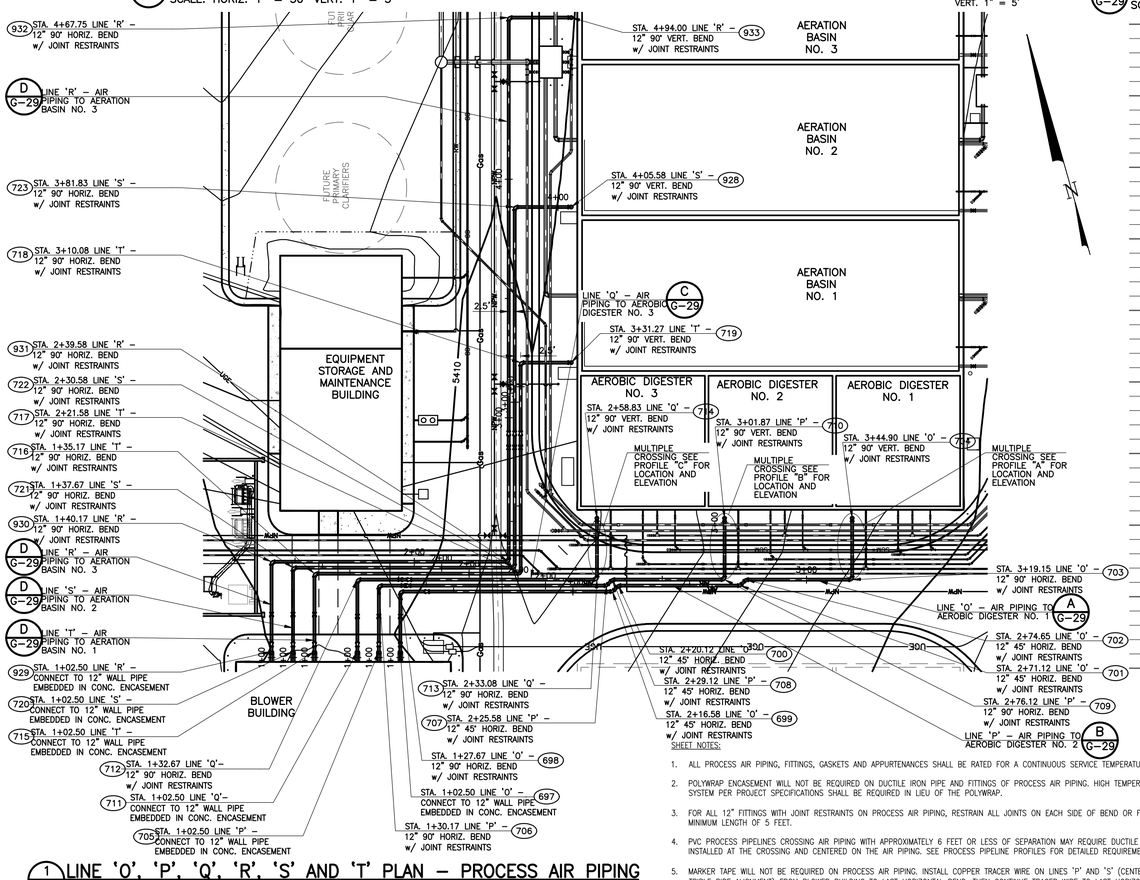
A G-29 LINE 'O' PROFILE – AEROBIC DIGESTER NO. 1 AIR PIPING
SCALE: HORIZ. 1" = 30' VERT. 1" = 5'



B G-29 LINE 'P' PROFILE – AEROBIC DIGESTER NO. 2 AIR PIPING
SCALE: HORIZ. 1" = 30' VERT. 1" = 5'



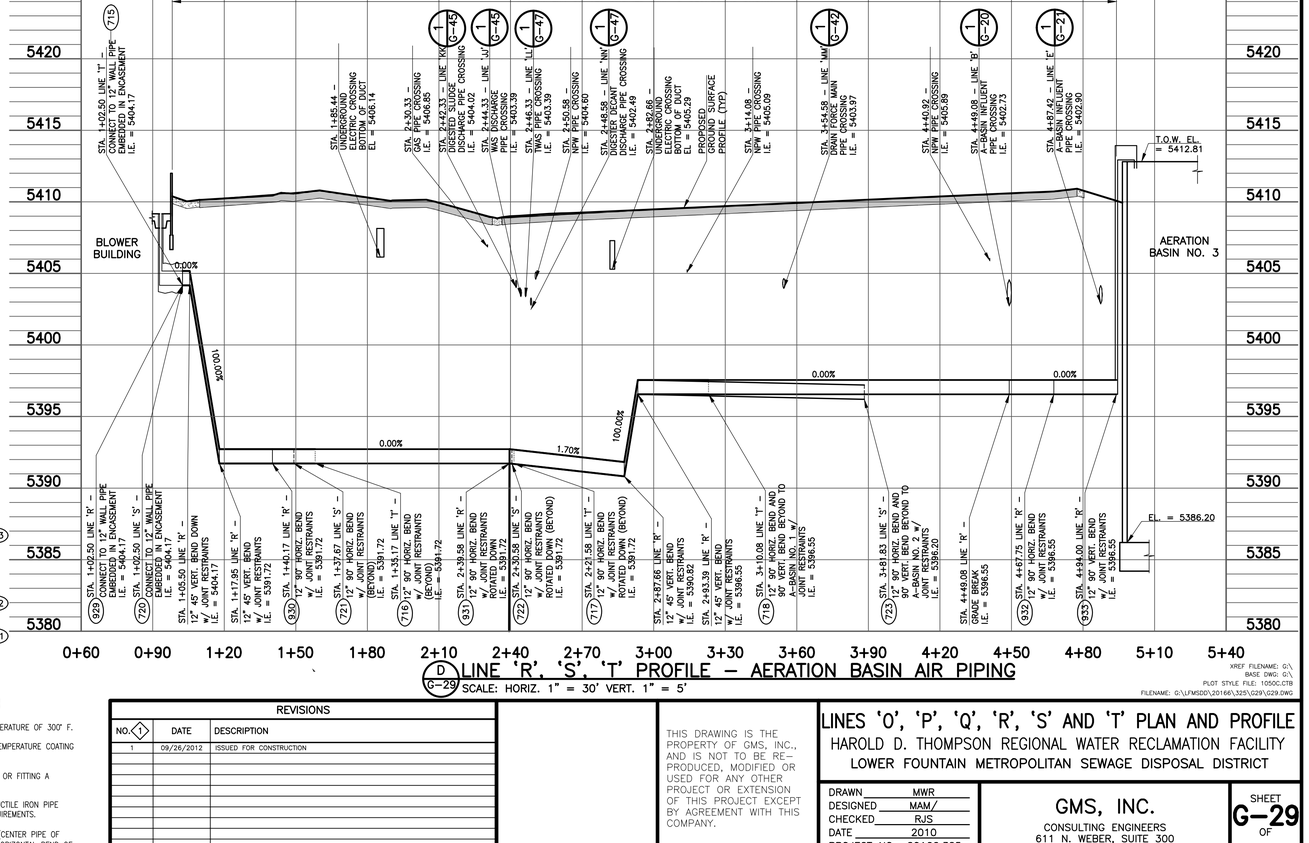
C G-29 LINE 'Q' PROFILE – AEROBIC DIGESTER NO. 3 AIR PIPING
SCALE: HORIZ. 1" = 30' VERT. 1" = 5'



1 G-29 LINE 'O', 'P', 'Q', 'R', 'S' AND 'T' PLAN – PROCESS AIR PIPING
SCALE: HORIZ. 1" = 30' VERT. 1" = 5'

SHEET NOTES:

1. ALL PROCESS AIR PIPING, FITTINGS, GASKETS AND APPURTENANCES SHALL BE RATED FOR A CONTINUOUS SERVICE TEMPERATURE OF 300° F.
2. POLYWRAP ENCASEMENT WILL NOT BE REQUIRED ON DUCTILE IRON PIPE AND FITTINGS OF PROCESS AIR PIPING. HIGH TEMPERATURE COATING SYSTEM PER PROJECT SPECIFICATIONS SHALL BE REQUIRED IN LIEU OF THE POLYWRAP.
3. FOR ALL 12" FITTINGS WITH JOINT RESTRAINTS ON PROCESS AIR PIPING, RESTRAIN ALL JOINTS ON EACH SIDE OF BEND OR FITTING A MINIMUM LENGTH OF 5 FEET.
4. PVC PROCESS PIPELINES CROSSING AIR PIPING WITH APPROXIMATELY 6 FEET OR LESS OF SEPARATION MAY REQUIRE DUCTILE IRON PIPE INSTALLED AT THE CROSSING AND CENTERED ON THE AIR PIPING. SEE PROCESS PIPELINE PROFILES FOR DETAILED REQUIREMENTS.
5. MARKER TAPE WILL NOT BE REQUIRED ON PROCESS AIR PIPING. INSTALL COPPER TRACER WIRE ON LINES 'P' AND 'S' (CENTER PIPE OF TRIPLE PIPE ALIGNMENT) FROM BLOWER BUILDING TO LAST HORIZONTAL BEND. THEN CONTINUE TRACER WIRE TO LAST HORIZONTAL BEND OF ADJACENT LINES 'O' AND 'R' (LONGEST PIPE ALIGNMENTS) AND TO THE BASIN WALL. ROUTE TRACER WIRE UP BASIN WALL IN CONDUIT TO FINISH GRADE PER SHEET NOTE 4 ON SHEET G-40.



D G-29 LINE 'R', 'S', 'T' PROFILE – AERATION BASIN AIR PIPING
SCALE: HORIZ. 1" = 30' VERT. 1" = 5'

XREF FILENAME: G:\
BASE DWG: G:\
PLOT STYLE FILE: 10SCC.CTB
FILENAME: G:\LFMSD01\20166\325\G29\G29.DWG

REVISIONS		
NO.	DATE	DESCRIPTION
1	09/26/2012	ISSUED FOR CONSTRUCTION

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LINES 'O', 'P', 'Q', 'R', 'S' AND 'T' PLAN AND PROFILE

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

DRAWN	MWR
DESIGNED	MAM/
CHECKED	RJS
DATE	2010
PROJECT NO.	20166.325
GMS FILE NO.	2599

GMS, INC.
CONSULTING ENGINEERS
611 N. WEBER, SUITE 300
COLORADO SPRINGS, COLORADO 80903

SHEET G-29 OF —

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