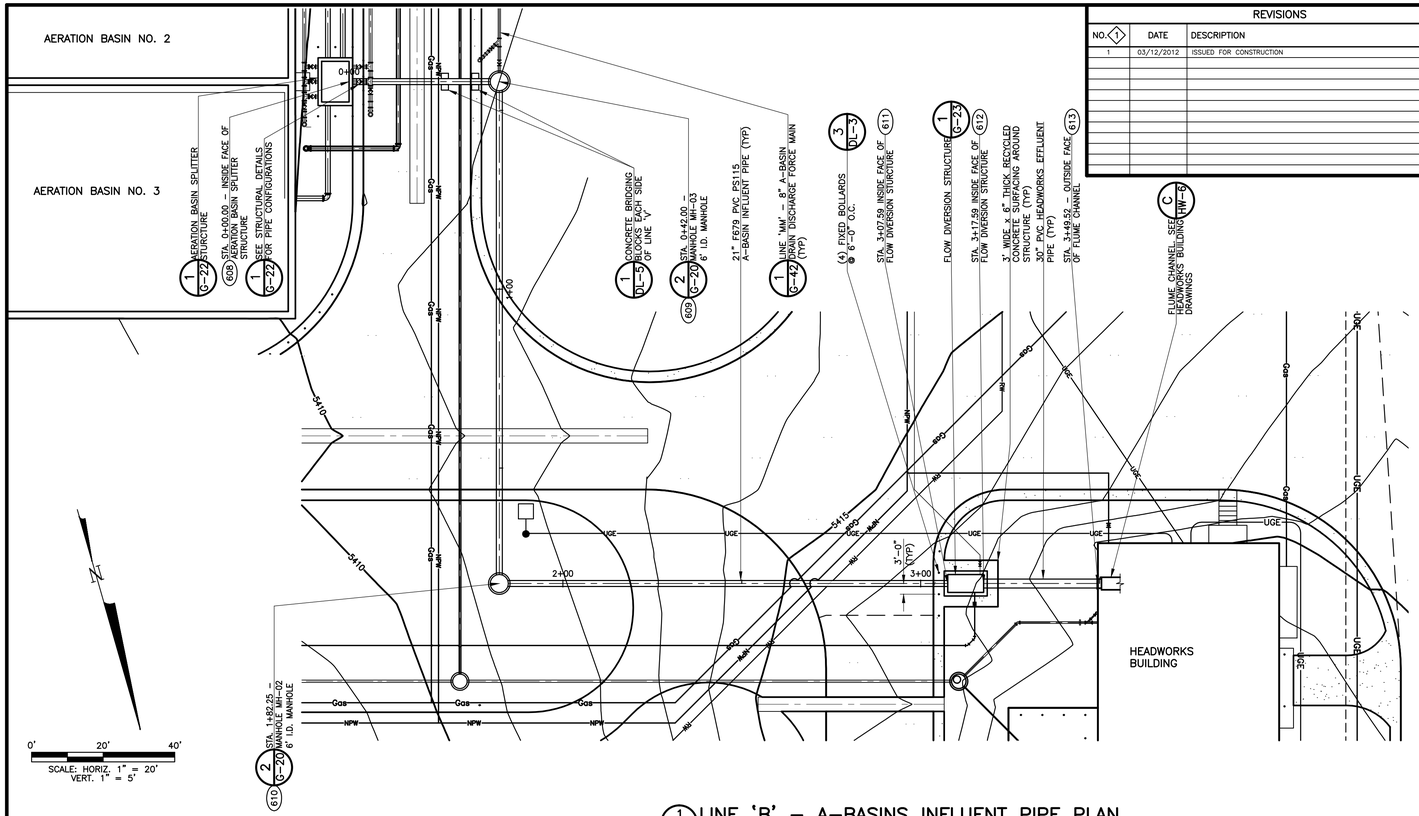
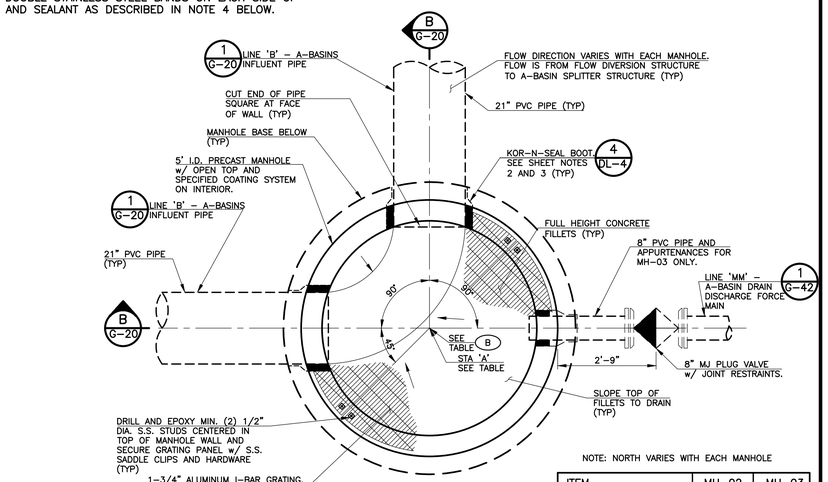
REVISIONS		
NO. 1	DATE	DESCRIPTION
1	03/12/2012	ISSUED FOR CONSTRUCTION

SHEET NOTES:

1. EL. = 5406.94 / EL. = 5406.55 — TOP DARKENED SYMBOL INDICATES THE WATER SURFACE ELEVATION AT DESIGN PEAK HOUR FLOW CONDITION. BOTTOM HOLLOW SYMBOL INDICATES WATER SURFACE ELEVATION AT DESIGN AVERAGE DAY FLOW CONDITION.
2. VERIFY BLOCK–OUT SIZE REQUIRED FOR KOR–N–SEAL BOOT PRIOR TO FABRICATION.
3. ALL FLEXIBLE COUPLINGS AND KOR–N–SEAL BOOTS SHALL BE FURNISHED AND SECURED WITH DOUBLE STAINLESS STEEL BANDS ON EACH SIDE OF COUPLING OR BOOT AND SEALANT AS DESCRIBED IN NOTE 4 BELOW.
4. PLACE FULL BED OF "SIKAFLEX 1A" SEALANT AROUND OUTSIDE DIAMETER OF PIPE PRIOR TO FINAL POSITIONING OF BOOT OR COUPLING SO SEALANT ACTS AS A LUBRICANT AND COMPLETELY SEALS BOOT OR COUPLING TO PIPE IN FINAL POSITION.
5. GRANULAR NON–EXPANSIVE STRUCTURAL FILL MATERIAL IS NOT REQUIRED ALONG THE SIDES OF THE MANHOLES SHOWN HERE. HOWEVER, SOME MANHOLES MAY BE LOCATED WITHIN THE STRUCTURAL FILL ENVELOPE OF NEARBY OR ADJACENT STRUCTURES. IF THE MANHOLE IS WITHIN A STRUCTURAL ENVELOPE, THE TOP 2'–0" OF BACKFILL ABOVE THAT STRUCTURAL FILL SHALL BE COMPACTED ON–SITE CLAY MATERIAL.



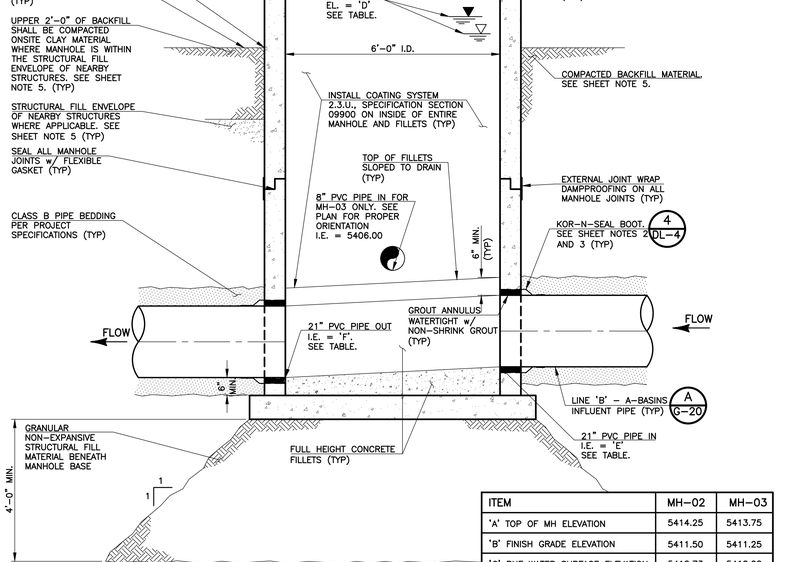
1 G–20 LINE 'B' – A–BASINS INFLUENT PIPE PLAN
SCALE: 1" = 20'



NOTE: NORTH VARIES WITH EACH MANHOLE

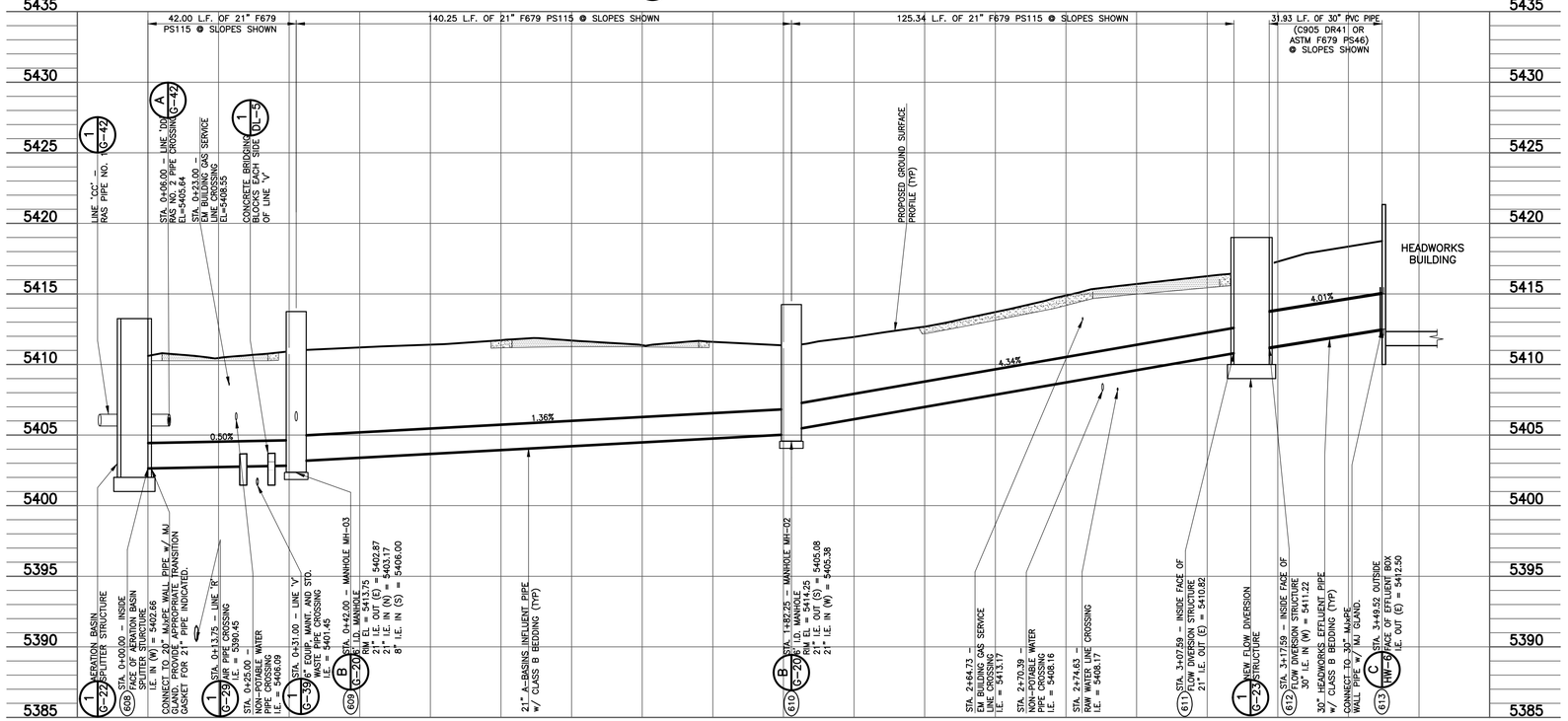
ITEM	MH–02	MH–03
'A' MH CL STATION	1+82.25	0+42.00
'B' MH CL COORDINATE	610	609

2 G–20 MANHOLE MH–02 AND MH–03 PLAN
SCALE: NONE



ITEM	MH–02	MH–03
'A' TOP OF MH ELEVATION	5414.25	5413.75
'B' FINISH GRADE ELEVATION	5411.50	5411.25
'C' PHF WATER SURFACE ELEVATION	5412.73	5412.02
'D' ADF WATER SURFACE ELEVATION	5411.83	5411.61
'E' INVERT ELEVATION IN	5405.38	5403.17
'F' INVERT ELEVATION OUT	5405.08	5402.87

B G–20 MANHOLE MH–02 AND MH–03 SECTION
SCALE: NONE



A G–20 LINE "B" – A–BASINS INFLUENT PIPE PROFILE
SCALE: HORIZ. 1" = 20' VERT. 1" = 5'

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XREF FILENAME: G:\
BASE DWG: G:\
PLOT STYLE FILE: 1050C.CTB
FILENAME: G:\LFMSD\20166\325\G20\G20.DWG

LINE 'B' – A–BASINS INFLUENT PIPE PLAN AND PROFILE

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

DRAWN	GLY
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–20 OF —