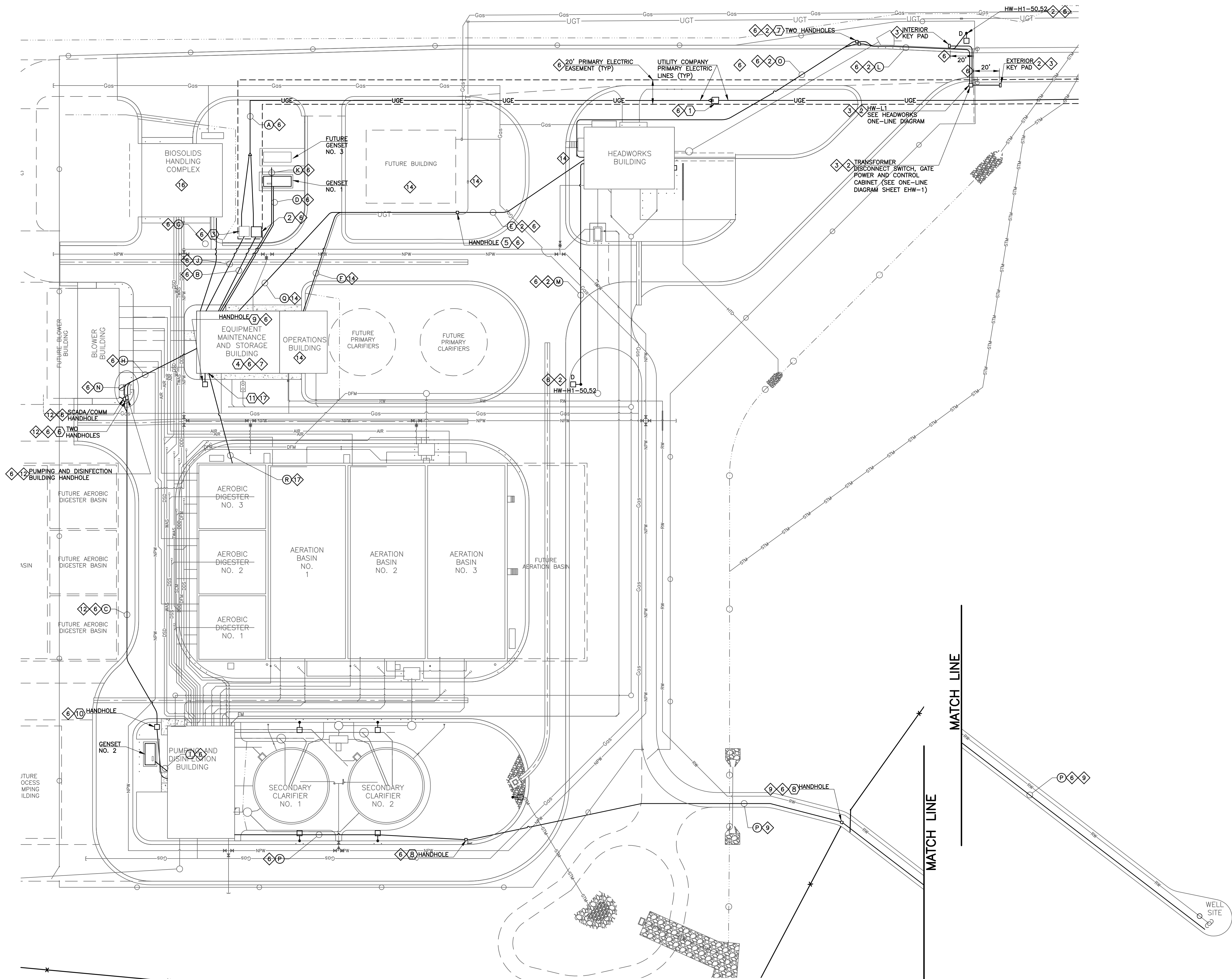


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GENERAL NOTES

- 6 A. (NOT USED FOR THIS REVISION).
6 B. CONDUITS IN DUCTBANKS SPECIFIED FOR FUTURE USE SHALL BE PROVIDED WITH PULL CORD.
2 C. SEE SHEET ES-2 FOR LUMINAIRE SCHEDULES.
6 D. SEE SHEET ED-1 FOR ONE-LINE DIAGRAM AND CONDUCTOR SIZES FOR DISTRIBUTION SYSTEM FEEDERS.

KEYED NOTES

- 6 1 UTILITY COMPANY TAP BOX.
6 2 UTILITY COMPANY TRANSFORMER.
6 3 FUTURE UTILITY COMPANY TRANSFORMER.
7 6 4 EQUIPMENT MAINTENANCE AND STORAGE BUILDING. LOCATION FOR SERVICE ENTRANCE AND MAIN DISTRIBUTION EQUIPMENT.
6 5 HANDHOLE FOR HEADWORKS BUILDING FEEDER. 13"W X 24"L X 18"D PRECAST POLYMER CONCRETE, TIER 8 RATED, QUAZITE #PT1324CA OR EQUAL, WITH TAMPERPROOF BOLTS AND 'ELECTRIC' LOGO ON COVER.
6 6 TWO HANDHOLES, TWO ELECTRIC AND ONE SCADA/COMM, EACH 24"W X 36"L X 24"D PRECAST POLYMER CONCRETE, TIER 8 RATED, QUAZITE #PG2436CA OR EQUAL, WITH TAMPERPROOF BOLTS. PROVIDE TWO WITH 'ELECTRIC' LOGO ON COVER AND ONE WITH 'COMMUNICATIONS' LOGO ON COVER.
6 7 TWO HANDHOLES, ONE ELECTRIC AND ONE COMM/CONTROL, EACH 13"W X 24"L X 18"D PRECAST POLYMER CONCRETE, TIER 15 RATED, QUAZITE #PT1324HA OR EQUAL, WITH TAMPERPROOF BOLTS. PROVIDE ONE WITH 'ELECTRIC' LOGO ON COVER AND ONE WITH 'COMMUNICATIONS' LOGO ON COVER.
6 8 HANDHOLE FOR WELL PUMP. 10"W X 15"L X 18"D PRECAST CONCRETE, TIER 15 RATED, QUAZITE #PT1015HA OR EQUAL, WITH TAMPERPROOF BOLTS AND 'ELECTRIC' LOGO ON COVER.
6 9 LARGE HANDHOLE FOR FUTURE PHASE FEEDERS. SEE 2/ESP2 FOR DETAIL. SEE SHEET EEM1 FOR DUCTS INTO HANDHOLE.
6 10 HANDHOLE FOR PUMPING AND DISINFECTION BUILDING. 24"W X 36"L X 24"D PRECAST POLYMER CONCRETE, TIER 15 RATED, QUAZITE #PG2436CA OR EQUAL, WITH TAMPERPROOF BOLTS AND 'ELECTRIC' LOGO ON COVER.

DUCTBANK SCHEDULE

- 6 2 A UTILITY COMPANY PRIMARY LINES: (1) ACTIVE + (1) SPARE C. FOR FUTURE.
6 2 B SERVICE ENTRANCE: (8) 3.5" C.
6 2 C PUMPING AND DISINFECTION BUILDING FEEDER AND SCADA/COMM LINES: (3) 2.5" C. + (1) SPARE 2.5" C., AND (2) 2" C.
6 2 D GENSET NO. 1 FEEDER, POWER SUPPLY, AND CONTROLS: (6) 3.5" C. + (1) SPARE 3.5" C., (1) 1.25" C., (3) 3/4" C.
14 6 2 E HEADWORKS BUILDING FEEDER AND SCADA/COMM LINES: (3) 2" C. SECURITY GATE CONTROL (1) 2"C. CCTV CAMERA SIGNAL (FUTURE) (1) 2"C.
14 6 2 F SECURITY GATE CONTROL (1) 2"C. CCTV CAMERA SIGNAL (FUTURE) (1) 2"C. UNDERGROUND TELEPHONE SERVICE (UGT)
6 G BIOSOLIDS BUILDING FEEDER AND SCADA/COMM LINES: (1) 2.5" C., AND (2) 2" C.
6 H BLOWER BUILDING FEEDER, PUMPING AND DISINFECTION BUILDING FEEDER, AND SCADA/COMM LINES: (4) 2.5" C. + (1) SPARE 2.5" C. (BLOWER BUILDING), (3) 2.5" C. AND (1) SPARE 2.5" C. (PUMPING AND DISINFECTION BUILDING), AND (2) 2" C. (SCADA/COMM)
6 I GENSET NO. 2 FEEDER, POWER SUPPLY, AND CONTROLS: (2) 3" C., (1) 1" C., (3) 3/4" C.
6 J FUTURE SERVICE ENTRANCE: (8) 3.5" C.
6 K FUTURE GENSET NO. 3 FEEDER, POWER SUPPLY, AND CONTROLS: (6) 3.5" C. + (1) SPARE 3.5" C., (1) 1.25" C., (3) 3/4" C.
6 L LIGHT POLE POWER (1) 3/4"C. 2#12, 1#12G. SECURITY GATE POWER (1) 3/4"C. 3#12, 1#12G. SECURITY GATE CONTROL (1) 2"C. CCTV CAMERA POWER (FUTURE) (1) 3/4"C. CCTV CAMERA SIGNAL (FUTURE) (1) 2"C.
6 M LIGHT POLE POWER (1) 3/4"C. 2#12, 1#12G.
6 N BLOWER BUILDING FEEDER AND SCADA LINE: (4) 2.5" C. + (1) SPARE 2.5" C., AND (1) 2" SCADA C.
6 O LIGHT POLE POWER (1) 3/4"C. 2#12, 1#12G. SECURITY GATE POWER (1) 3/4"C. 3#12, 1#12G. ODOR CONTROL SYSTEM POWER (FUTURE) (1) 1-1/4"C. CCTV CAMERA POWER (FUTURE) (1) 3/4"C. SECURITY GATE CONTROL (1) 2"C. CCTV CAMERA SIGNAL (FUTURE) (1) 2"C. ODOR CONTROL SYSTEM SIGNAL/CONTROLS (FUTURE) (1) 2"C.
18 16 6 P WELL PUMP FEEDER AND CONTROLS: (1) 1" C AND (1) 1" C.
14 Q HEADWORKS BUILDING FEEDER AND SCADA/COMM LINES: (3) 2" C.
17 R AERATION BASIN 208Y/120V FEEDER (ONE 1"C.), 480V FEEDER (TWO 2"C.), SCADA/COMM LINES (TWO 2"C.), AND ONE SPARE 2"C. SEE EAB-2 FOR CONTINUATION.

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REVISIONS			REVISIONS		
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
13	06/21/2012	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (BLOWER BUILDING)	1	03/30/2011	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (SECONDARY CLARIFIER COMPLEX)
14	06/29/2012	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (OPERATIONS BUILDING)	2	05/17/2011	ISSUED FOR PREPARATION OF CMO
15	08/15/2012	ISSUED FOR CONSTRUCTION PER PPRBD BUILDING PERMIT #135220 (OPERATIONS BLDG)	3	06/20/2011	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (HEADWORKS BUILDING)
16	11/29/2012	ISSUED FOR VALUE ENGINEERING REVIEW AND PRICING	4	06/10/2011	ISSUED FOR CONSTRUCTION (SECONDARY CLARIFIER COMPLEX)
17	12/12/2012	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (AERATION BASINS)	5	08/09/2011	ISSUED FOR CONSTRUCTION PER PPRBD BUILDING PERMIT #68510 (HEADWORKS BLDG)
18	01/07/2013	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (BIOSOLIDS HANDLING COMPLEX)	6	10/17/2011	ESI NO. 013
19	01/29/2013	ISSUED FOR CONSTRUCTION PER PPRBD PERMIT #H84746 (AERATION BASINS)	7	11/23/2011	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (EQUIP. MAINT. AND STO. BLDG)
20	03/14/2013	ISSUED FOR CONSTRUCTION PER PPRBD BLDG PERMIT #85132 (BIOSOLIDS HANDLING COMPLEX)	8	01/06/2012	ISSUED FOR VALUE ENGINEERING
			9	01/09/2012	ISSUED FOR CONSTRUCTION PER PPRBD BUILDING PERMIT #H3002 (EQUIP. MAINT. & STO. BLDG)
			10	01/29/2012	ISSUED FOR PD BUILDING VALUE ENGINEERING REVIEW AND COMMENTS
			11	04/18/2012	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (PUMPING AND DISINFECTION BLDG)
			12	05/21/2012	ISSUED FOR CONSTRUCTION PER PPRBD BLDG PERMIT #89993 (PUMP AND DISINFECTION BLDG)

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GMS, INC.

MASTER ELECTRICAL SITE PLAN

HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY

LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

DRAWN: MAM
DESIGNED: AFS
CHECKED: MG
DATE: 2011
PROJECT NO.: 20166.330
GMS FILE NO.: 2599

GMS, INC.
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ESP-1
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