HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY

FOR THE

LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT NOVEMBER 2010

SECONDARY CLARIFIER COMPLEX

DRAWING INDEX

DRAWINGS SUBMITTED TO PIKES PEAK REGIONAL BUILDING DEPARTMENT

SHEET NO. **DESCRIPTION INFORMATIONAL SHEETS** TITLE SHEET - SECONDARY CLARIFIER COMPLEX SITE PLAN WITH BOUNDARY - SECONDARY CLARIFIER COMPLEX COORDINATE LISTS MASTER SITE AND GRADING PLAN DETAILED SITE AND GRADING PLAN DETAILED SITE AND GRADING PLAN II LOWER FOUNTAIN HEIGHTS PLAN AND PROFILE STA. 0+00 TO STA. 9+60 LOWER FOUNTAIN HEIGHTS PLAN AND PROFILE STA. 9+60 TO STA. 14+92.85 CULVERT "B" PLAN AND PROFILE CULVERT "A" PLAN AND PROFILE AND SECTIONS STRUCTURAL PLAN SC-2 SC-3JOINTING PLAN STRUCTURAL SECTIONS AND DETAILS SC-5 SC-6 STRUCTURAL SECTIONS AND DETAILS DETAILED SITE PLAN SC-7 SC-8 SC-9 SC-10 PROCESS PIPING PLAN PROCESS EQUIPMENT PLAN PROCESS EQUIPMENT AND PIPING SECTIONS SECTIONS AND DETAILS SECTIONS AND DETAILS **DETAIL SHEETS** STANDARD STRUCTURAL DETAILS STRUCTURAL AND MASONRY DETAILS DL-2 **DETAILS AND SECTIONS** DL-3DL-4 **DETAILS AND SECTIONS**

GENERAL ELECTRICAL LEGEND FACILITY ELECTRICAL ONE—LINE DIAGRAM GENERAL ELECTRICAL SCHEDULES ED-1 ES-1 ESP-MASTER ELECTRICAL SITE PLAN

ESC-1 ELECTRICAL ONE-LINE DIAGRAM - SECONDARY CLARIFIER COMPLEX ESC-2 LIGHTING AND POWER PLAN - SECONDARY CLARIFIER COMPLEX ELECTRICAL GROUNDING PLAN - SECONDARY CLARIFIER COMPLEX

PIKES PEAK REGIONAL BUILDING CODE INFORMATION

- THESE PLANS HAVE BEEN PREPARED AND DRAWN TO MEET THE REQUIREMENTS OF THE 2003 EDITION OF THE INTERNATIONAL BUILDING CODE, THE 2003 EDITION OF THE INTERNATIONAL PLUMBING CODE, THE 2008 EDITION OF THE NATIONAL ELECTRICAL CODE, THE 2003 EDITION OF THE INTERNATIONAL MECHANICAL CODE, AND THE 2005 PPRBD COMMERCIAL BUILDING CODES.
- 2. SECONDARY CLARIFIER COMPLEX

ADDRESS: 14681 LOWER FOUNTAIN HEIGHTS (BUILDING NO. ON SHEET I-9) STRUCTURE AREA: EACH TANK 3,109 S.F. TOTAL AREA = 6,218 S.F. USE AND OCCUPANCY: UTILITY, GROUP U CONSTRUCTION TYPE: V-B

3. STRUCTURAL DESIGN NOTES:

- a. SEE SHEET I-10 FOR ALL STRUCTURAL GENERAL DESIGN NOTES
- 4. THE WASTEWATER TREATMENT FACILITY IS NOT ACCESSIBLE BY THE GENERAL PUBLIC. A CONTINUOUS PERIMETER SECURITY FENCE WILL BE INSTALLED AROUND THE ENTIRE FACILITY. ACCESS WILL BE CONTROLLED BY THE OPERATIONS PERSONNEL THROUGH AN ELECTRONIC GATE IN THE PERIMETER FENCE.
- 5. THE FOLLOWING BUILDINGS ARE UNMANNED STRUCTURES. ACCESS TO THESE BUILDINGS ARE LIMITED TO OPERATION AND MAINTENANCE PERSONNEL ONLY
 - a. HEADWORKS BUILDING b. BLOWER BUILDING
 - c. EQUIPMENT MAINTENANCE AND STORAGE BUILDING
 - d. AERATION BASINS AND AEROBIC DIGESTER BASINS
 - e. SECONDARY CLARIFIER COMPLEX
 - g. BIOSOLIDS HANDLING COMPLEX

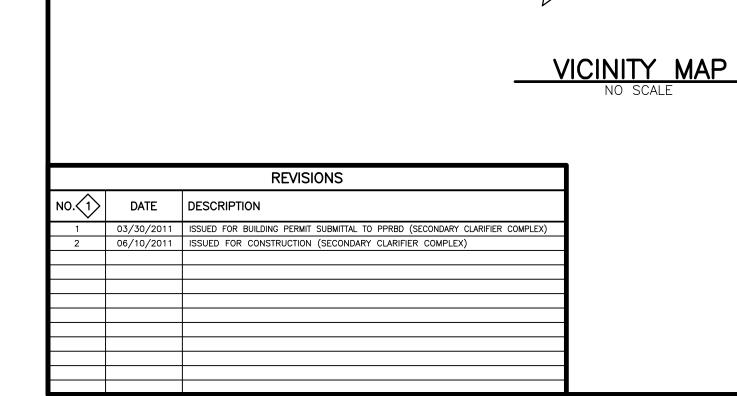
FACILITY ADDRESS: 14681 LOWER FOUNTAIN HEIGHTS

(SEE SHEET I-9) FOUNTAIN, CO. 80817 SEE SHEET I-9 FOR EACH SUBMITTAL ADDRESS

EL PASO COUNTY ASSESSOR'S **SCHEDULE NO.:** 56000-00-120

LEGAL DESCRIPTION:

PARCEL DESCRIBED IN EL PASO COUNTY CLERK AND RECORDER RECORDS BOOK 5634, PAGE 355 AND BOOK 565, PAGE 731 (SEE SHEET I-9 FOR COMPLETE LEGAL DESCRIPTION)



1 TO DENVER

ACADEMY BLVD.

WILSON RD.

CALHAN RESERVOIR

PHASE 1 INTERCEPTOR

■PROJECT SITE

SEPARATE CONTRACT

SEWER UNDER

COLORADO SPRINGS

FOUNTAIN OHIO AVE.

EL PASO CO.

PUEBLO CO.

PUEBLO

I-25 EXIT 163

MONUMENT

I-25 EXIT 150

SOUTH

ACADEMY

ENTRANCE

DOUGLAS CO. EL PASO CO.

U.S. AIR FORCE ACADEMY

I-25 EXIT 140

SANTA FE AVE.

I-25 EXIT 128

OLD PUEBLO RD.

FORT CARSON

I-25 EXIT 122

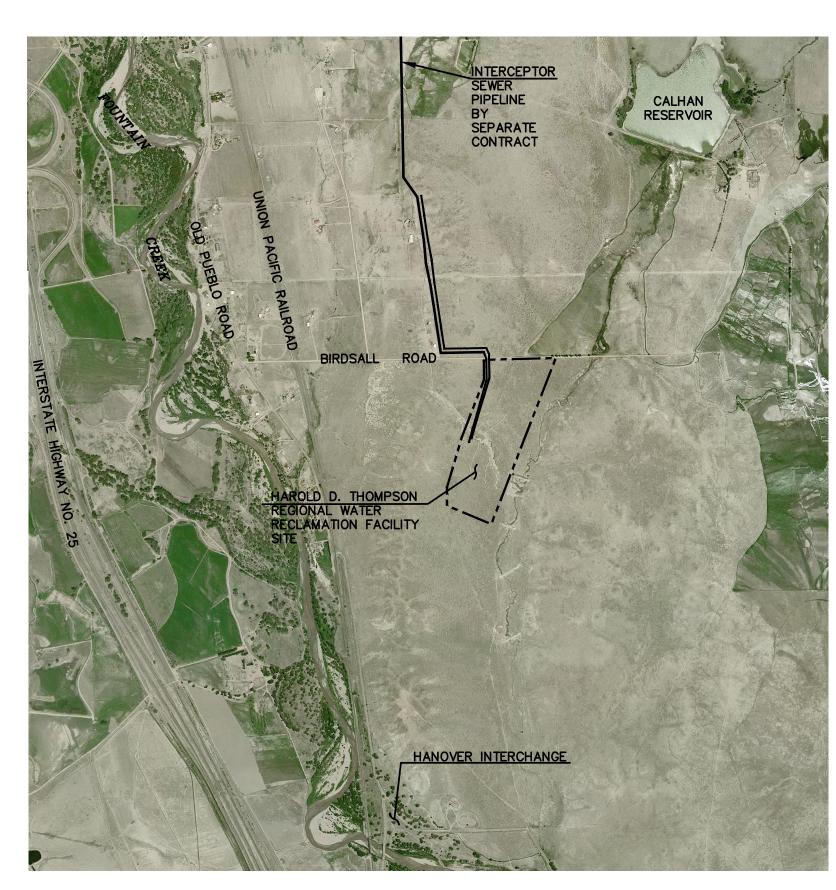
I-25 EXIT 98

TO TRINIDAD

ILLINOIS AVE.

TO CANON CITY

WOODLAND PARK



GMS, INC. 611 NORTH WEBER STREET, SUITE 300

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COLORADO SPRINGS, COLORADO 80903

f. PUMPING AND DISINFECTION BUILDING GMS-FILE <u>2599</u> PLOT STYLE FILE: 1050C.CTB

FILENAME: G:\LFMSDD\20166\INFORMATIONAL DRAWINGS\I8\I8.DW

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