

ODOR CONTROL EQUIPMENT SCHEDULE

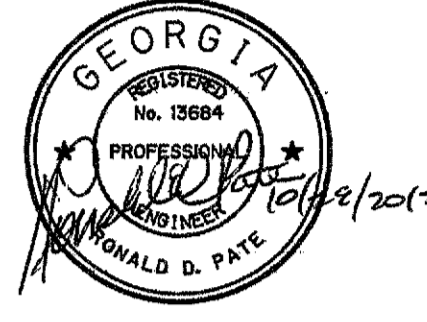
| TAG | BASIS OF DESIGN | | CFM | FAN HP | TYPE | ODOR CONTROL TYPE | INT ESP (in wg) | TOT SP (in wg) | PREFILTERS | | | AIR PURIFICATION MEDIA | | | WEIGHT (lbs) | W x L x H (in) | ELECTRICAL | | NOTES | |
|------|-----------------|--|-------|--------|---------|-------------------|-----------------|----------------|------------|-----------------|-------------|------------------------|-------------|------------------|--------------|----------------|--------------------------|---------|-------|-----------|
| | MAKE | MODEL | | | | | | | QUANTITY | TYPE | SIZE | MODULE QUANTITY | MODULE TYPE | MEDIA TYPE | | | TOTAL MEDIA WEIGHT (lbs) | VOLTAGE | | PHASE |
| OC-1 | PURAFIL | MDWPSA 607-143_ME-PLN-12M-12M-12M-12M-PLN-BLR-RL | 9,500 | 30 | NOTE 14 | ACTIVE | 7.6 | 8.6 | 1 | MIST ELIMINATOR | 24X24X6 PLY | 21 | PK-12 | PURAFIL SP BLEND | 840 | 7,100 | 84 x 164.2 x 79 | 460 | 3 | 1 THRU 19 |
| OC-2 | PURAFIL | MDWPSA 607-143_ME-PLN-12M-12M-12M-12M-PLN-BLR-RL | 9,500 | 30 | NOTE 14 | ACTIVE | 7.6 | 8.6 | 1 | MIST ELIMINATOR | 24X24X6 PLY | 21 | PK-12 | PURAFIL SP BLEND | 840 | 7,100 | 84 x 164.2 x 79 | 460 | 3 | 1 THRU 19 |
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- ODOR CONTROL EQUIPMENT SCHEDULE
- MEDIA IS LISTED IN DIRECTION OF AIRFLOW THRU THE UNIT.
 - MIST ELIMINATOR SHALL BE PROVIDED AT SITE AND DESIGNED FOR AN AIRFLOW OF 500 FT/MIN FACE VELOCITY.
 - MANUFACTURER PROVIDED COMBO STARTER/DISCONNECT SIZED FOR 30 HP.
 - MEDIA SHALL BE 12% SODIUM PERMAGENATE WITH A MINIMUM CARBON 50/50 MIXTURE.
 - CONSTRUCTION MATERIAL SHALL BE ALUMINUM.
 - MODULES SHALL BE DESIGNED FOR 250 FT/MIN MAXIMUM FACE VELOCITY.
 - ACCESS DOOR SHALL BE PROVIDED ON BOTH SIDES OF EQUIPMENT FOR MAINTENANCE AND SERVICE.
 - JOINTS SHALL BE SEALED WITH RTV SILICON RUBBER.
 - DOORS SHALL BE SEALED WITH COMPRESSIBLE GASKET.
 - UNIT SHALL BE EQUIPPED WITH A MAGNAHELIC STATIC PRESSURE DIFFERENTIAL GAGE AT EACH PASS.
 - MANUFACTURER PROVIDED WEATHERPROOFING.
 - COORDINATE ACCESS PANEL HARDWARE (CLOSURES, HANDLES, LOCKING MECHANISMS) WITH CITY OF ATLANTA MAINTENANCE DEPARTMENT) BEFORE EQUIPMENT SHOP DRAWING SUBMITTAL.
 - FAN SHALL BE AMCA TYPE A OR B SPARK-RESISTANT CONSTRUCTION. FAN MOTOR SHALL BE SPARK RESISTANT/EXPLOSION PROOF.
 - PURAFIL CONTROL PANEL - SEE SPECIFICATION SECTION 15885 FOR DETAILS.
 - MIST ELIMINATOR SHALL HAVE A PHOTOHELIC DIFFERENTIAL GAUGE.
 - PROVIDE SOUND ATTENUATING RAIN LOUVER.
 - PROVIDE COMBINATION DISCONNECT AND STARTER.
 - PROVIDE 4" SUPPORT RAILS BENEATH UNIT.
 - PROVIDE ADJUSTABLE SHEEVE KIT FOR FAN.

INTAKE HOOD SCHEDULE

| TAG | BASIS OF DESIGN | | SERVICE | LOCATION | THROAT SIZE (in) | PRESSURE DROP (in wg) | FLOW RATE (CFM) | NOTES |
|------|-----------------|---------|--------------------|--------------------|------------------|-----------------------|-----------------|----------|
| | MAKE | MODEL | | | | | | |
| IH-1 | PENN | AIRETTE | MAKE-UP AIR INTAKE | PUMP STATION COVER | 14X60 | 0.20 | 4750 | 1 thru 8 |
| IH-2 | PENN | AIRETTE | MAKE-UP AIR INTAKE | PUMP STATION COVER | 14X60 | 0.20 | 4750 | 1 thru 8 |
| IH-3 | PENN | AIRETTE | MAKE-UP AIR INTAKE | EQUALIZATION TANK | 14X60 | 0.20 | 4750 | 1 thru 8 |
| IH-4 | PENN | AIRETTE | MAKE-UP AIR INTAKE | EQUALIZATION TANK | 14X60 | 0.20 | 4750 | 1 thru 8 |

- LOUVER NOTES:
- MANUFACTURER PROVIDED ALUMINUM FILTER.
 - NOT USED.
 - HEAVY DUTY ALUMINUM CONSTRUCTION.
 - MANUFACTURER PROVIDED ALUMINUM BIRDSCREEN.
 - SELF-FLASHING FACTORY ROOF CURB. COORDINATE MOUNTING REQUIREMENTS WITH STRUCTURAL (CONCRETE).
 - MANUFACTURER PROVIDED BACKDRAFT DAMPER.
 - COORDINATE EXACT OPENING LOCATION AND INTEGRAL CURB IN CONCRETE COVER WITH STRUCTURAL AND ACCESS PANEL LOCATIONS. INTAKE HOOD SHALL BE LOCATED A MAXIMUM DISTANCE AWAY FROM ODOR CONTROL DUCT PENETRATION TO MINIMIZE SHORT CIRCUITING AIRFLOW.
 - PROVIDE GRAVITY DAMPER SET AT NEGATIVE 0.2 INCHES WG FOR INTAKE AIR. GRAVITY DAMPER SETTING SHALL BE ADJUSTED BASED ON AIR INTAKE REQUIREMENTS.



PEACHTREE CREEK SOUTH FORK RELIEF STORAGE AND PUMPING STATION



CITY OF ATLANTA DEPARTMENT OF WATERSHED MANAGEMENT

| REV | DATE | DESCRIPTION |
|-----|----------|-------------------------|
| 0 | 10/28/12 | 100 PERCENT BID PACKAGE |

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

PROJECT NO: FC-6260
 DATE: OCTOBER 2012
 RESP PROF: LP DESIGNER: LP CHECKER: JT

SHEET TITLE
 ODOR CONTROL
 00 - GENERAL
 SCHEDULES