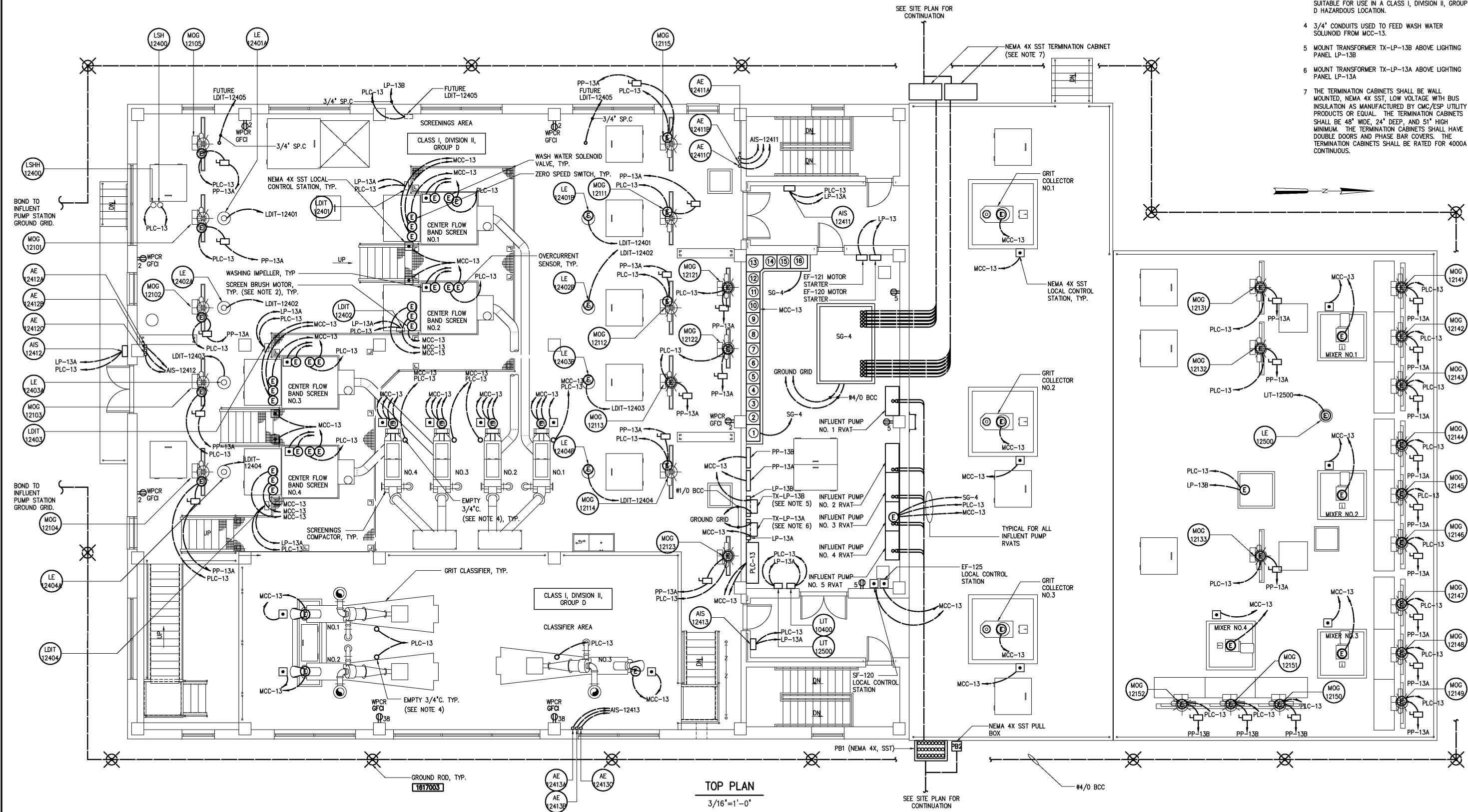


- NOTES:
- 1 REFERENCE SECTION 16141 REGARDING LOCAL DISCONNECT SWITCHES FOR PROCESS INSTRUMENTS.
  - 2 THE SCREEN BRUSH MOTOR SHALL BE INSTALLED FOR THE TYPE "A" SCREEN ONLY (REFERENCE SPECIFICATION 11420).
  - 3 ALL ELECTRICAL EQUIPMENT INSTALLED INSIDE THE SCREENINGS AREA AND CLASSIFIER AREA SHALL BE SUITABLE FOR USE IN A CLASS I, DIVISION II, GROUP D HAZARDOUS LOCATION.
  - 4 3/4" CONDUITS USED TO FEED WASH WATER SOLUNOID FROM MCC-13.
  - 5 MOUNT TRANSFORMER TX-LP-13B ABOVE LIGHTING PANEL LP-13B
  - 6 MOUNT TRANSFORMER TX-LP-13A ABOVE LIGHTING PANEL LP-13A
  - 7 THE TERMINATION CABINETS SHALL BE WALL MOUNTED. NEMA 4X SST, LOW VOLTAGE WITH BUS INSULATION AS MANUFACTURED BY CMC/ESP UTILITY PRODUCTS OR EQUAL. THE TERMINATION CABINETS SHALL BE 48" WIDE, 24" DEEP, AND 51" HIGH MINIMUM. THE TERMINATION CABINETS SHALL HAVE DOUBLE DOORS AND PHASE BAR COVERS. THE TERMINATION CABINETS SHALL BE RATED FOR 4000A CONTINUOUS.



|                     |          |          |
|---------------------|----------|----------|
| RECORD DRAWINGS     | MAR 2008 | RLT      |
| CONSTRUCTION        | MAR 2004 | RLT      |
| REGULATORY APPROVAL | NOV 2003 | RLT      |
| PRELIMINARY DESIGN  | NOV 2002 | RLT      |
| ISSUED FOR          | DATE     | BY       |
| NO.                 |          | APPROVED |

|             |     |
|-------------|-----|
| DESIGNED    | BRL |
| DRAWN       | BRL |
| CHECKED     |     |
| PROJ. ENGR. | DAN |
| APPROVED    |     |

RECORD DRAWING

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY ROBERT S. DIFIIORE, SEAL NO. 22769

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY RONALD L. TAYLOR, SEAL NO. 024649

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**HAZEN AND SAWYER**  
Environmental Engineers & Scientists  
4011 WestChase Blvd, Raleigh, North Carolina 27607

**CITY OF ROANOKE**  
VIRGINIA

**REGIONAL WATER POLLUTION CONTROL PLANT**  
**WET WEATHER IMPROVEMENTS**

**PRELIMINARY TREATMENT FACILITIES**

**ELECTRICAL**  
**TOP POWER PLAN**

|                                                                           |                  |           |
|---------------------------------------------------------------------------|------------------|-----------|
| THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING. | DATE             | JULY 2003 |
|                                                                           | H & S JOB NUMBER | 30788A    |
|                                                                           | CONTRACT NUMBER  | A         |
|                                                                           | DRAWING NUMBER   | E122      |