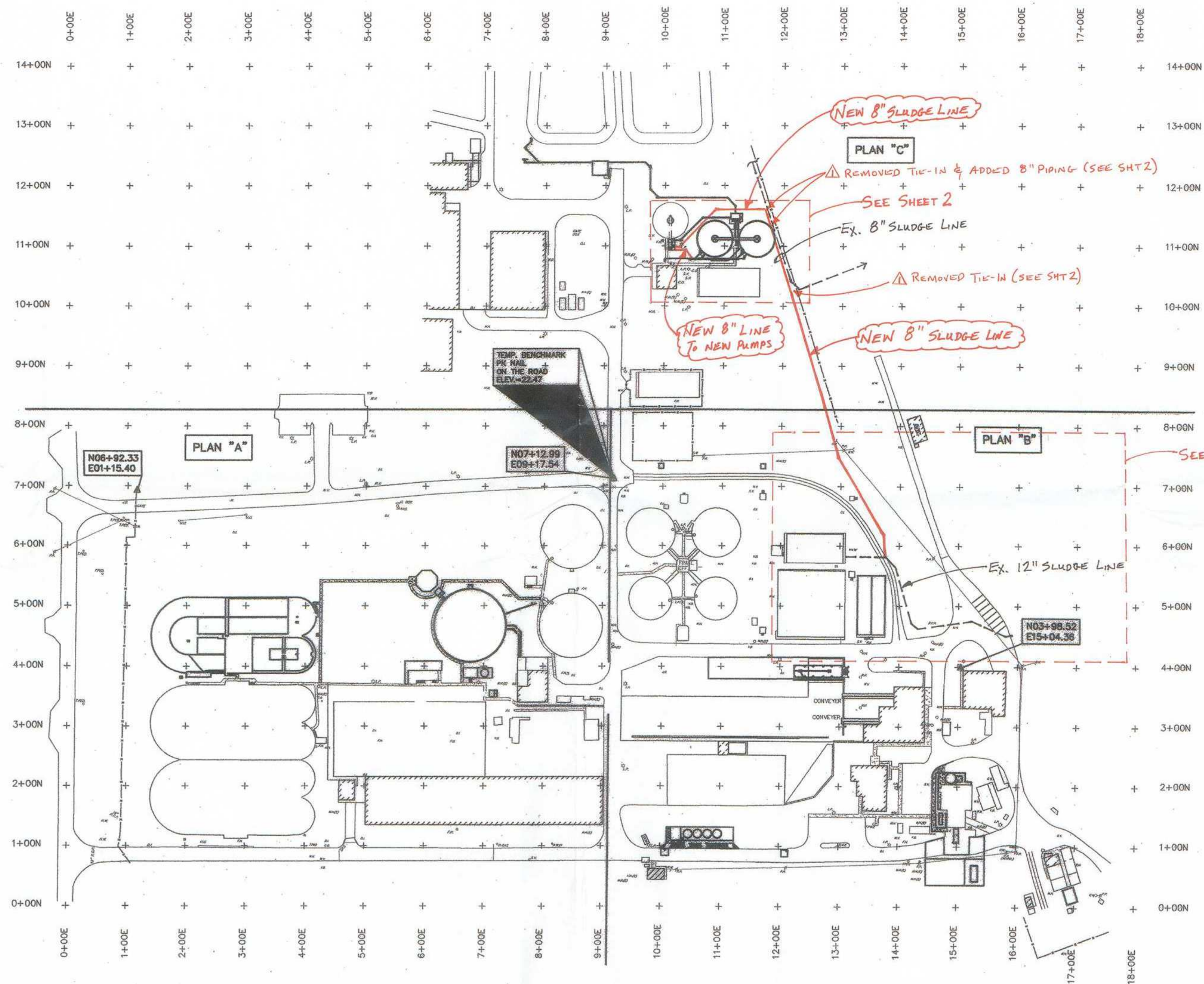
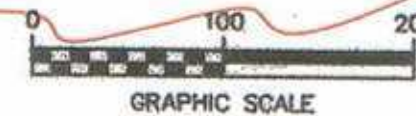


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MR WWTP Sludge Line  
Tie In From Gravity Thickener  
Proj# 942-71



RECORD DRAWINGS  
DATE: SEPT., 2003

51-004-004 5

SHEET 1

| REVISIONS |                               |
|-----------|-------------------------------|
| NO.       | DESCRIPTION                   |
| 1         | REVISED BASELINE 8/16/03 DE-T |
|           |                               |
|           |                               |
|           |                               |
|           |                               |
|           |                               |
|           |                               |
|           |                               |
|           |                               |
|           |                               |

| APPROVALS    |              |
|--------------|--------------|
| PROJECT ENG. | DESIGNED BY: |
|              |              |
|              |              |
|              |              |
|              |              |
|              |              |
|              |              |
|              |              |
|              |              |
|              |              |

| SHEET TITLE                                                           |  |
|-----------------------------------------------------------------------|--|
| IMPROVEMENTS AND EXPANSION FOR THE WATER RECLAMATION FACILITY PHASE I |  |

| PROJECT     |          |
|-------------|----------|
| DISK        | OVERSITE |
| REF.        |          |
| N.B. NO.    | 1731     |
| PROJECT NO. | 00149    |
| FILE NO.    | 22-85-00 |

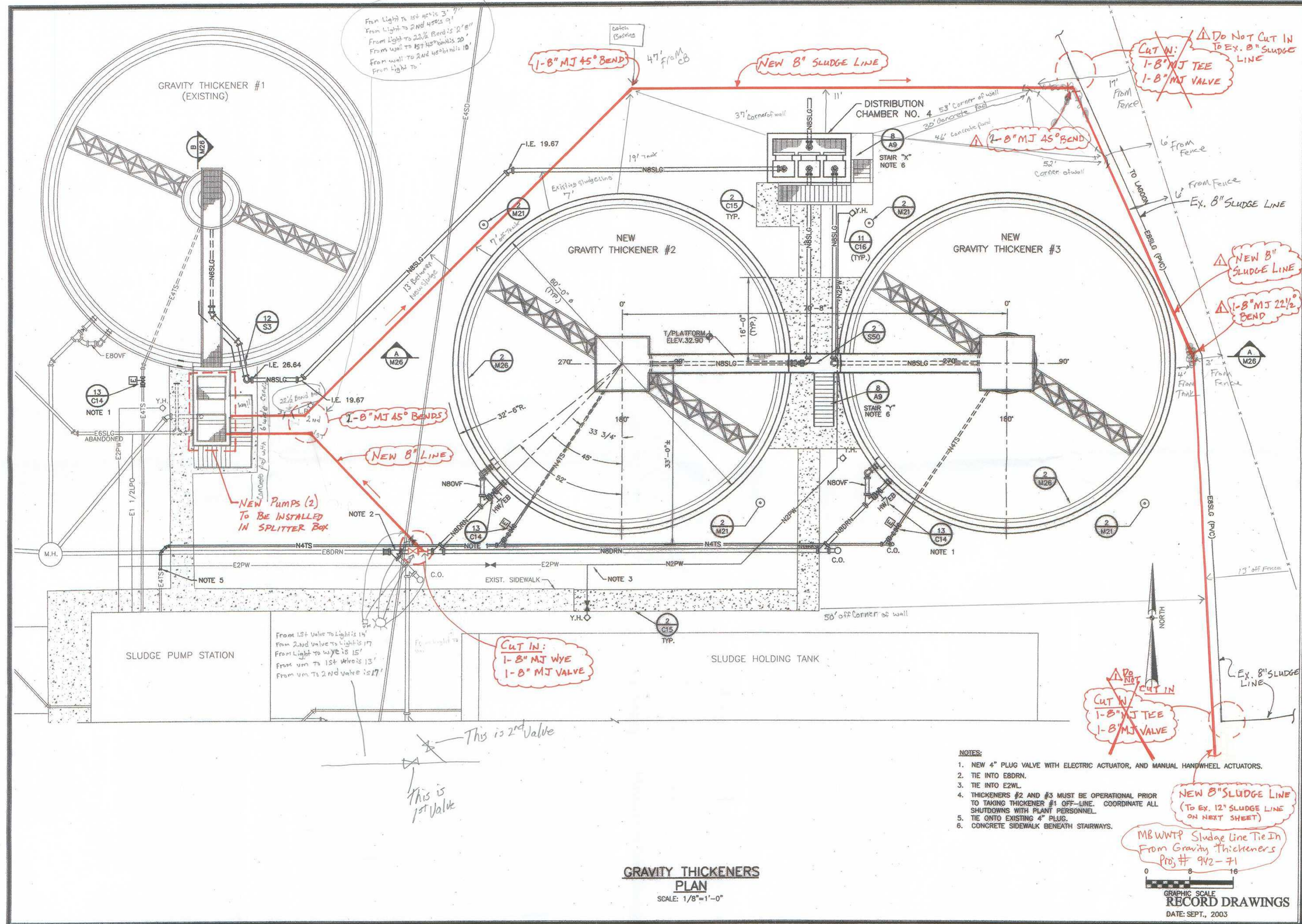
| SHEET |    |
|-------|----|
| C1    | OF |
| 17    |    |

| DATE: FEB., 2001. SCALE: AS SHOWN |  |
|-----------------------------------|--|
|                                   |  |

| B. P. BARBER & ASSOCIATES, INC.                |  |
|------------------------------------------------|--|
| ENGINEERS - PLANNERS - SURVEYORS               |  |
| COLUMBIA • SPARTANBURG • CHARLESTON • FLORENCE |  |

| SIGNATURE |  |
|-----------|--|
|           |  |

| DATE |  |
|------|--|
|      |  |



| REVISIONS |                             | DATE | BY |
|-----------|-----------------------------|------|----|
| NO.       | DESCRIPTION                 |      |    |
| 1         | REVISED NEW LINE 8-4-13 DRT |      |    |

| APPROVALS | PROJECT ENG. | DESIGNED BY | DRAWN BY | CHECKED BY | APPROVED |
|-----------|--------------|-------------|----------|------------|----------|
|           | RTM          | DEF         | DEF/GS   | TVT        | JDP      |



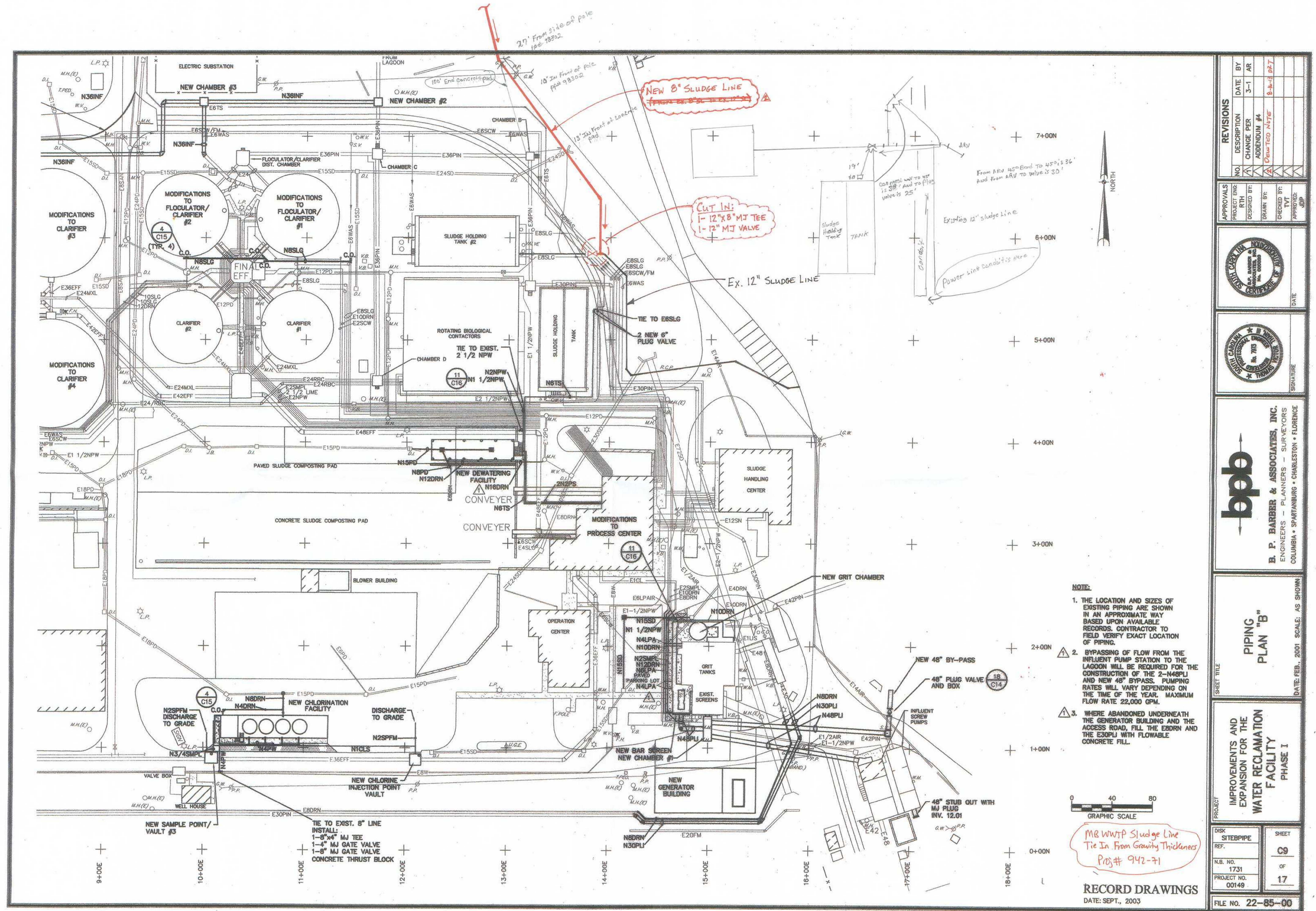
**bpb**  
B. P. BARBER & ASSOCIATES, INC.  
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**NEW GRAVITY THICKENERS PLAN**  
SHEET TITLE

**IMPROVEMENTS AND EXPANSION FOR THE WATER RECLAMATION FACILITY PHASE I**  
PROJECT

|             |          |       |     |
|-------------|----------|-------|-----|
| DISK REF.   | 99127ME  | SHEET | M25 |
| N.B. NO.    | 1731     | OR    | 56  |
| PROJECT NO. | 00149    |       |     |
| FILE NO.    | 22-85-00 |       |     |

51-004-134 5  
**SHEET 2**



| REVISIONS |                        | DATE   | BY  |
|-----------|------------------------|--------|-----|
| NO.       | DESCRIPTION            | 3-1    | AR  |
| 1         | CHANGE PER ADDENDUM #4 |        |     |
| 2         | Added Note             | 8-1-13 | DJT |

|              |              |             |
|--------------|--------------|-------------|
| APPROVALS    | DESIGNED BY: | CHECKED BY: |
| PROJECT ENG: | RTH          | TVT         |
| DRAWN BY:    |              | JDP         |



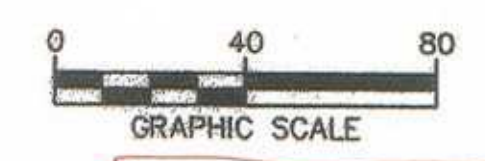
**bbp**  
**E. P. BARBER & ASSOCIATES, INC.**  
ENGINEERS - PLANNERS - SURVEYORS  
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**PIPING PLAN "B"**  
SHEET TITLE

**IMPROVEMENTS AND EXPANSION FOR THE WATER RECLAMATION FACILITY**  
PHASE I

|                    |       |
|--------------------|-------|
| DISK SITEPIPE REF. | SHEET |
| N.B. NO. 1731      | C9    |
| PROJECT NO. 00149  | OF 17 |
| FILE NO. 22-85-00  |       |

- NOTE:**
1. THE LOCATION AND SIZES OF EXISTING PIPING ARE SHOWN IN AN APPROXIMATE WAY BASED UPON AVAILABLE RECORDS. CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF PIPING.
  2. BYPASSING OF FLOW FROM THE INFLUENT PUMP STATION TO THE LAAGOON WILL BE REQUIRED FOR THE CONSTRUCTION OF THE 2-N48PLI AND NEW 48" BYPASS. PUMPING RATES WILL VARY DEPENDING ON THE TIME OF THE YEAR. MAXIMUM FLOW RATE 22,000 GPM.
  3. WHERE ABANDONED UNDERNEATH THE GENERATOR BUILDING AND THE ACCESS ROAD, FILL THE E8DRN AND THE E30PLI WITH FLOWABLE CONCRETE FILL.



MB WWTP Sludge Line Tie In From Gravity Thickeners Proj# 942-71

**RECORD DRAWINGS**  
DATE: SEPT., 2003