



*Robert J. P...
10/10/01*

WASTEWATER TREATMENT PLANT EXPANSION
GENERAL SITE LAYOUT, CONTROL, GRADING AND PAVING PLAN
 CITY OF O'FALLON, MISSOURI

JOB NO.: 9234
 DATE: 10-08-2001

DESIGNED BY: TMS/RJR
 DRAWN BY: DMH/ESK
 CHECKED BY: RJR/TMS

SHEET NUMBER
GO.03

DESCRIPTION
 Flag Nail On The West Shoulder Of Highway 79 In Line With The Centerline Of Firma Road.

TIES
 West - 5.1 feet to West Edge of Asphalt Shoulder

North Northwest - 48.6 Feet to Center of Wood Post with City Limits of O'Fallon & Speed Limit Sign on Post

Northeast - 55.6 feet to Center of Post with Stop Sign

DESCRIPTION
 Flag Nail in the Centerline of Drive "A" South of Centerline of Firma Road.

TIES
 West - 34.4 feet to Center of Mailbox with 150 on it

South 3.0 feet to Concrete & Asphalt Edge

East - 19.8 feet to Center of Water Valve Cover

North - 11.75 feet to centerline Firma Road

DESCRIPTION
 Flag Nail In The South Shoulder of Firma Road.

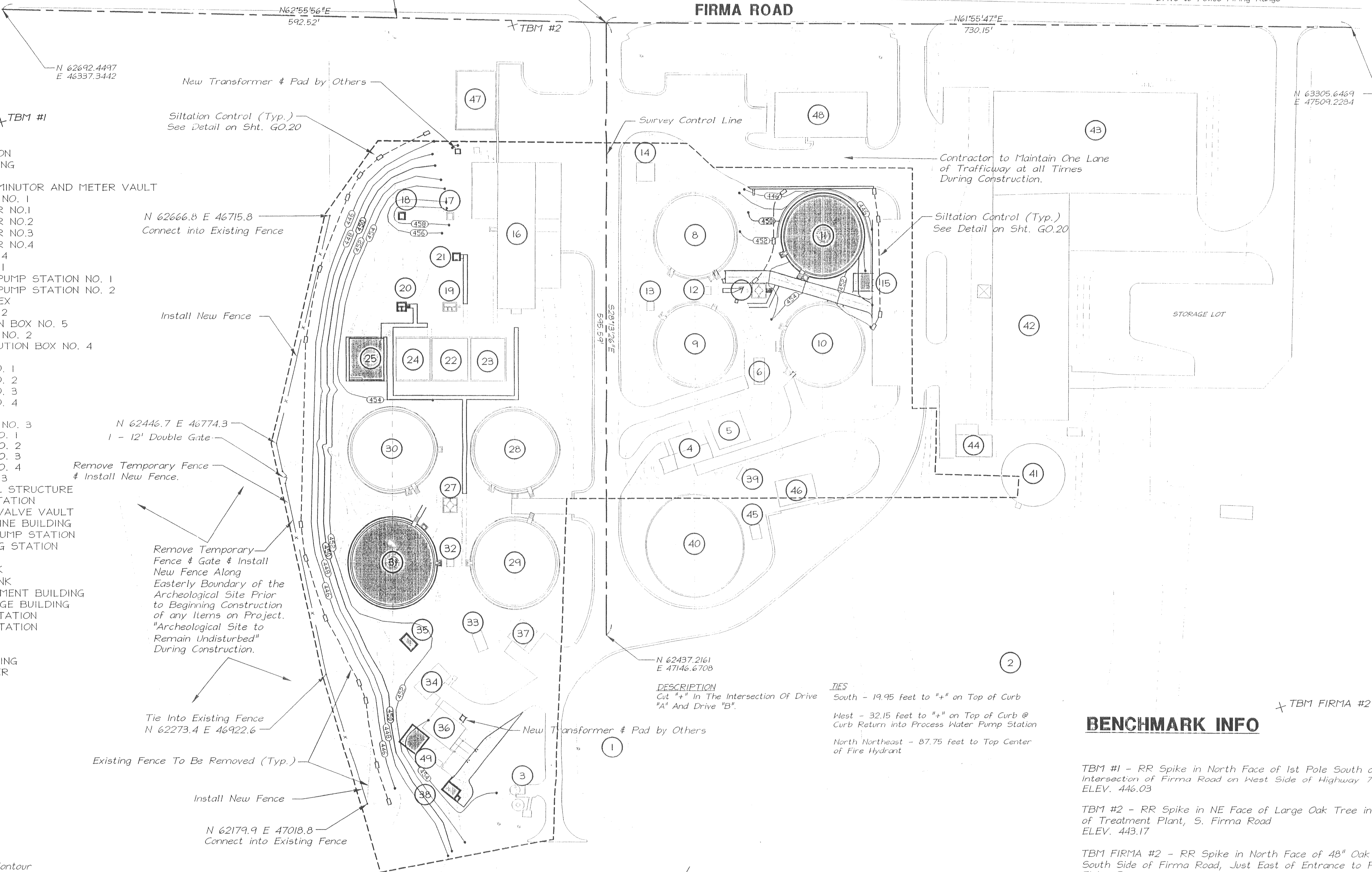
TIES
 Southeast - 19.0 feet to Railroad Spike in NE Side of 48-inch Oak

West - 39.1 feet to a Duplex Nail in NE Face of 40-inch Oak

North - 14.3 feet to Centerline of Firma Road

West - 9.0 feet to Centerline Gravel Drive to Police Firing Range

- STRUC. ID**
- 1 POND NO. 1
 - 2 POND NO. 2
 - 3 NORTH LIFT STATION
 - 4 HEADWORKS BUILDING
 - 5 GRIT TANK
 - 6 BAR SCREEN, COMMINUTOR AND METER VAULT
 - 7 DISTRIBUTION BOX NO. 1
 - 8 PRIMARY CLARIFIER NO.1
 - 9 PRIMARY CLARIFIER NO.2
 - 10 PRIMARY CLARIFIER NO.3
 - 11 PRIMARY CLARIFIER NO.4
 - 12 JUNCTION BOX NO. 4
 - 13 JUNCTION BOX NO. 1
 - 14 PRIMARY SLUDGE PUMP STATION NO. 1
 - 15 PRIMARY SLUDGE PUMP STATION NO. 2
 - 16 BIO-FILTER COMPLEX
 - 17 JUNCTION BOX NO. 2
 - 18 AERATION JUNCTION BOX NO. 5
 - 19 DISTRIBUTION BOX NO. 2
 - 20 AERATION DISTRIBUTION BOX NO. 4
 - 21 WAS VALVE VAULT
 - 22 AERATION TANK NO. 1
 - 23 AERATION TANK NO. 2
 - 24 AERATION TANK NO. 3
 - 25 AERATION TANK NO. 4
 - 26 NOT USED
 - 27 DISTRIBUTION BOX NO. 3
 - 28 FINAL CLARIFIER NO. 1
 - 29 FINAL CLARIFIER NO. 2
 - 30 FINAL CLARIFIER NO. 3
 - 31 FINAL CLARIFIER NO. 4
 - 32 JUNCTION BOX NO. 3
 - 33 EFFLUENT CONTROL STRUCTURE
 - 34 EFFLUENT PUMP STATION
 - 35 GRAVITY BYPASS VALVE VAULT
 - 36 ELECTRICAL/CHLORINE BUILDING
 - 37 PROCESS WATER PUMP STATION
 - 38 SEPTAGE RECEIVING STATION
 - 39 PARSHALL FLUME
 - 40 WAS HOLDING TANK
 - 41 SLUDGE BLEND TANK
 - 42 BIO-SOLIDS TREATMENT BUILDING
 - 43 BIO-SOLIDS STORAGE BUILDING
 - 44 BFD FEED PUMP STATION
 - 45 GBT FEED PUMP STATION
 - 46 BLOWER BUILDING
 - 47 GARAGE
 - 48 MAIN OFFICE BUILDING
 - 49 CHLORINE SCRUBBER



LEGEND

- (xxx)--- Proposed Contour
- Existing Contour
- - - - - Construction Limits
- x - - - - Proposed Fence
- - - - - Existing Fence
- - - - - Siltation Control
- ▨ Proposed Pavement
- ▩ Proposed Additions

GENERAL NOTES:

1. Additional Fill, if Required, is Available at the Location Shown on Sheet GO.02. All Permits and Approvals Shall be Obtained by the Contractor from the City of O'Fallon Before Transporting any Fill to or from the Site.
2. Coordinate Valves for Individual Structures, See Pertaining Plan Sheets.
3. All Misc. Items not Listed in the Contract Documents, Required for Construction, shall be Incidental to the Contract.

GENERAL SITE LAYOUT, CONTROL, GRADING AND PAVING PLAN

SCALE: 1" = 50'

The existence and location of any underground utility pipes, lines, or structures shown on these drawings are obtained by a search of the available records. The contractor is required to take due precautionary measures to protect the utility lines shown, and all other lines not of record or not shown on these drawings by verification of their location in the field prior to the initiation of the actual portion of work. Contractor shall immediately repair any damaged utility caused by his activities at no additional cost to Owner.

BENCHMARK INFO

- TBM #1 - RR Spike in North Face of 1st Pole South of Intersection of Firma Road on West Side of Highway 79
 ELEV. 446.03
- TBM #2 - RR Spike in NE Face of Large Oak Tree in Front of Treatment Plant, S. Firma Road
 ELEV. 443.17
- TBM FIRMA #2 - RR Spike in North Face of 48" Oak Tree, South Side of Firma Road, Just East of Entrance to Police Firing Range.
 ELEV. 441.45