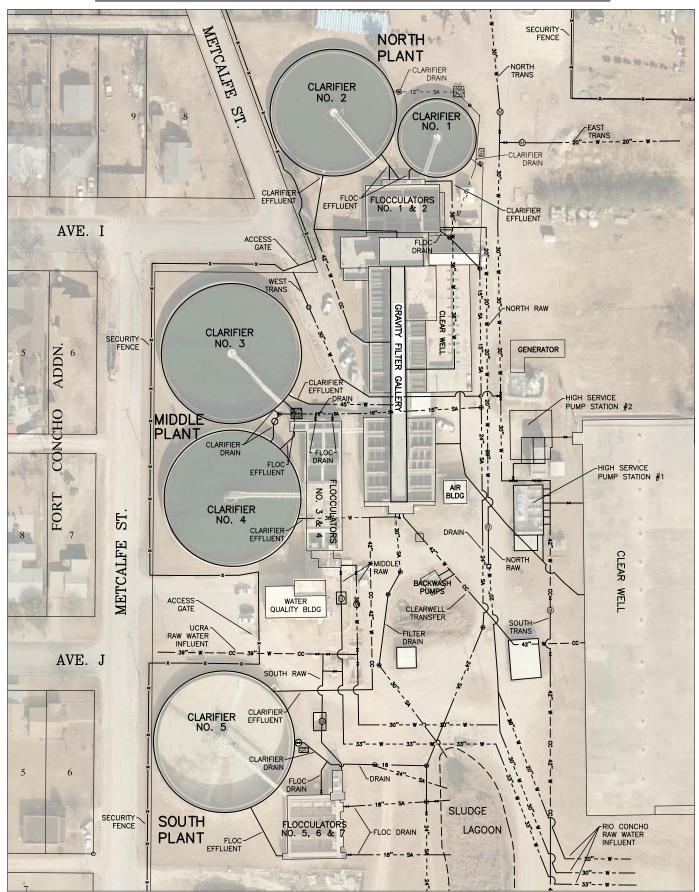
WATER TREATMENT PLANT LAYOUT



CONSTRUCTION NOTES:

- 1. Location of existing and proposed utilities shown are merely schematic. The contractor is responsible for location of all utilities prior to comencing construction.
- 2. Contractor shall verify all dimensions and pipe type, size and class prior to ordering materials.
- 3. Contractor shall coordinate all activities with the City prior to commencing construction on a daily basis.
- 4. Construction shall be conducted in such order as to produce minimal disruption to daily plant activities.
- 5. Electrical improvements shall meet applicable electrical codes.
- 6. Lines to be abandoned shall be cut a minimum of 2' below grade and the inside filled with a minimum of 2' of concrete.
- 7. All gaskets, bolts, fittings, etc. removed as part of the Work shall be replaced with new of equal or better quality.
- 8. One new and single existing manhole covers shall be replaced with cast iron slotted lid to facilitate viewing of flushed clarifier sludge.
- 9. Contractor shall be responsible for hauling off and legally disposing of all excavated and demolished materials.

SEQUENCING OF CONSTRUCTION NOTES:

- 1. Construction activities must be sequenced as to allow City staff to operate the plant in such a way as to provide adequate water to meet maximum expected demands.
- 2. Sequencing of construction shall be conducted such that at least two plants and 13 filter cells are fully operational at all times. Work can proceed concurrently as approved by the City.
- 3. Construction activities shall be sequenced as follows, except as approved otherwise in writing:

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    I - Clarifier Improvements
    i. North Plant

            a. Clarifier No.
            b. Clarifier No. 2
      ii. West Plant
            a. Clarifier No. 3
            b. Clarifier No. 4
      iii. South Plant
            a. Clarifier No. 5
II. Gravity Filter Gallery Improvements
      i. North Filter Gallery
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- a) Filter #1
- b) Filter #2 c) Filter #3 d) Filter #4 e) Filter #5 (Excluding underdrain caps) f) Filter #6 g) Filter #13 h) Filter #14 i) Filter #15 South Filter Golfe a) Filter #7 b) Filter #8 c) Filter #9 d) Filter #10 e) Filter #11 f) Filter #12
- III. Alternate Bid Work
 - i. South Filter Gallery Painting ii. North Filter Gallery Painting

iii. Filter Effluent Pipe Repair

0' 50' 100'					
SCALE IN FEET					
MTC	RJP	1,=100,	ı	WU-04-15	JULY 1, 2015
DRAWN BY:	CHECKED BY:	HORIZ. SCALE:	VERT. SCALE:	JOB NUMBER:	DATE:
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DEPARTMENT OF PUBLIC WORKS ENGINEERING SERVICES DIVISION

PLANT CT NOTE WATER TREATMENT IMPROVEMENT PROJE GENERAL AND LAYOUT

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* JOSEPH T MANGREM 117205

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