

THIS RECORD DOCUMENT HAS BEEN PREPARED BASED ON INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR. GRT ENGINEERS, INC. HAS ATTEMPTED TO VERIFY THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION BUT SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.


engineering | architecture | geospatial
www.grtwc.com

ENGINEER/ARCHITECT: BARRY L. CLOYD

CONSTRUCTION COMPANY: QUINN CONS. CORP.

DATE: 09/27/2018

PLOTTED BY: nazad

PRINTED: 10/15/2018 @ 11:51AM

FILE NAME: G:\3827-Lobelville\07-WTP Expan\Working Drawings\AutoCAD - Record Drawing\007 3827-07 C-0-101.dwg

STRUCTURE NO.

- | | |
|---|--|
| 1 | EXISTING RAW WATER INTAKE STRUCTURE |
| 2 | NEW FLASH MIX / SPLITTER BOX STRUCTURE |
| 3 | EXISTING SETTLING / FLOCCULATION BASIN |
| 4 | EXISTING SETTLING / FLOCCULATION BASIN |
| 5 | NEW SETTLING / FLOCCULATION BASIN |
| 6 | EXISTING FILTER BUILDING |

KEYNOTES

- ① 8" M.J. PLUG VALVE
- ② 8"x 8" M.J. TEE
- ③ 10" FLG. B'FLY VALVE (VERTICAL)
- ④ 8"x 6" M.J. REDUCER
- ⑤ 10" FLG. B'FLY VALVE

EXISTING PIPING

- | | |
|---|-------------------------------|
| 1 | 6" C.I.P. RAW WATER LINE |
| 2 | 8" FINISHED WATER SUPPLY LINE |
| 3 | 8" C.I. WASTE LINE |
| 4 | 10" C.I. WASTE LINE |
| 5 | 6" C.I. WETWELL OVERFLOW |
| 6 | 4" C.I. SEWER |

NEW PIPING

- | | |
|---|--------------------------------|
| 1 | 6" D.I.P. RAW WATER LINE |
| 2 | 10" D.I.P. RAW WATER LINE |
| 3 | 10" D.I.P. OVERFLOW |
| 4 | 8" D.I.P. WASTE LINE |
| 5 | 8" D.I.P. RAW WATER LINE |
| 6 | 10" D.I.P. INFLUENT WATER LINE |

LEGEND

- | | |
|---|------------------------------------|
|  | EXISTING STRUCTURE |
|  | NEW STRUCTURE / PIPING / EQUIPMENT |
|  | EXIST. TO BE MODIFIED |
|  | EXIST. TO BE DEMOLISHED |
|  | EXISTING CONTOUR |
|  | NEW CONTOUR |
|  | EXIST. ASPHALT REPAVEMENT |
|  | NEW GRAVEL DRIVE |
|  | NEW SIDEWALK |
|  | EXIST. FENCE |
|  | NEW FENCE |
|  | EXIST. MANHOLE |
|  | NEW MANHOLE |
|  | PROPERTY LINE |
|  | NEW BUMPER POST |
|  | EXISTING VALVE |
|  | NEW VALVE |
|  | EXISTING PIPING |
|  | NEW PIPING |
|  | NEW DRAIN LINE |
|  | EXISTING WATER LINE |
|  | NEW PVC WATER LINE |
|  | EXISTING YARD HYDRANT |
|  | NEW YARD HYDRANT |
|  | EXISTING LIGHT POLE |

NOTES:

1.) IF ANY ARCHEOLOGICAL REMAINS ARE DISCOVERED DURING GROUND DISTURBANCE OR CONSTRUCTION, WORK SHALL CEASE IMMEDIATELY AND THE EDA AND TENNESSEE HISTORICAL COMMISSION SHALL BE CONTACTED IMMEDIATELY TO DETERMINE WHAT FURTHER ACTION , IF ANY, WILL BE NECESSARY TO COMPLY WITH SECTION 106 OF THE NATIONAL HISTORIC PRESERVATION ACT.

2.) THE FLOOD OF RECORD FOR THIS SITE IS BASED ON MAY 2010 CONSIDERED BY MANY AS THE 1000-YEAR EVENT. WTP PERSONNEL WERE ON SITE DURING THE 2010 EVENT AND THE HIGH WATER MARK (EL. 456.38) WAS APPROXIMATELY 1.5 FEET FROM THE TOP OF THE INTAKE STRUCTURE (457.88)



CALL BEFORE YOU DIG

IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION. THE LOCATION OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND POSSIBLY INCOMPLETE, THEREFORE CERTIFICATION TO THE LOCATION OF ALL UNDERGROUND UTILITIES IS WITHHELD.

IN TENNESSEE DIAL 811
OR 1-800-351-1111
THREE WORKING DAYS BEFORE YOU DIG

This document, originally issued, sealed, and signed by BARRY L. CLOYD, Tennessee Professional Engineer, No. 100893, on JUNE 2015, shall not be used in lieu of a certified document.

GRW PROJECT NO. 3827-07

CLIENT PROJECT NO.

ALL RIGHTS RESERVED:
THIS DOCUMENT IS THE PROPERTY OF
GRIFFIN ENGINEERS, INC. AND SHALL NOT
BE REPRODUCED IN WHOLE OR IN PART
FOR USE FOR CONSTRUCTION OF
ANY OTHER THAN THIS SPECIFIC PROJECT
WITHOUT WRITTEN PERMISSION

engineering | architecture | geospatial

www.arwinc.com

SITE PLAN - DEMOLITION LAYOUT
SITE PLAN - NEW OR MODIFIED LAYOUT
WATER TREATMENT PLANT EXPANSION
CITY OF LOBELVILLE, TENNESSEE

REVISIONS			DATE	BY	APPROVED
NO.	DESCRIPTION				
1	SHOWING LOCATION OF TEAM BOUNDARY ZONE A & X	14/02/16	SH	BLC	
2	ADDED NOTE IF ARCHEOLOGICAL REMAINS ARE FOUND	25/2/16	S.H.	SH	
3	REMOVED FLOOD BOUNDARY LINE. ADDED NOTE NO 2	22/9/2016	S.H.	JWH	
				APPROVED	BLC

DATE:
JUNE 2015

SCALE:
AS NOTED

SHEET NO

C-0-101

RECORD DRAWINGS