

Dondlinger - Contractor  
 J. Terhune - City of Wichita, Field Project Engineer  
 J. Jaso - City of Wichita, Inspector  
 As-built  
 Final Acceptance Date: 12/20/2019  
 pdf: apr 6/9/2020

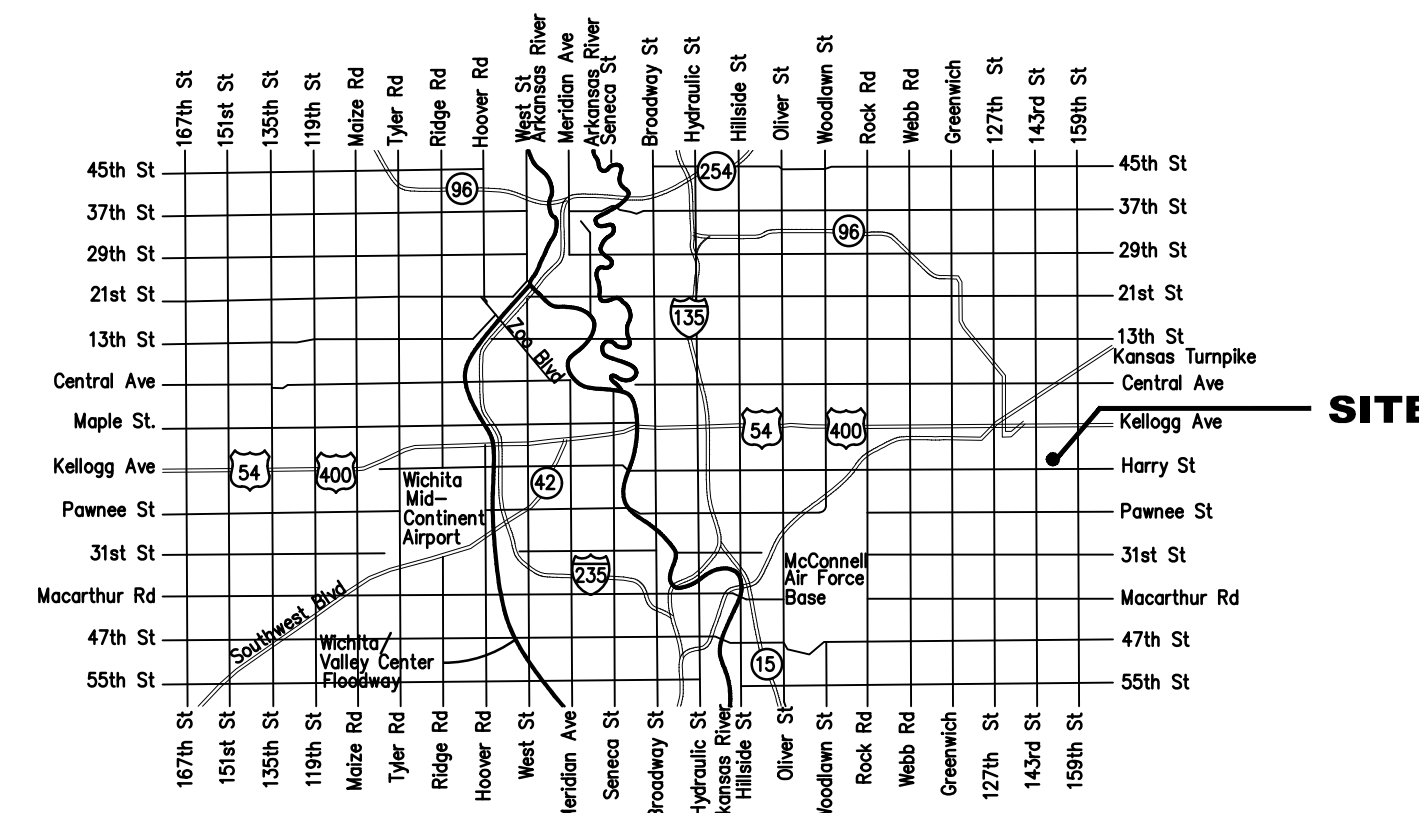
# Sanitary Sewer Improvements at **1406 S TWISTED OAK CIRCLE** CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer

Project Number  
 468-2019-008183

OCA Number  
 629114

September 2019



VICINITY MAP

No changes were made. Dondlinger made the abandonment and relocations to plan. So an as-built was not made. - Jeff Terhune

## SHEET INDEX

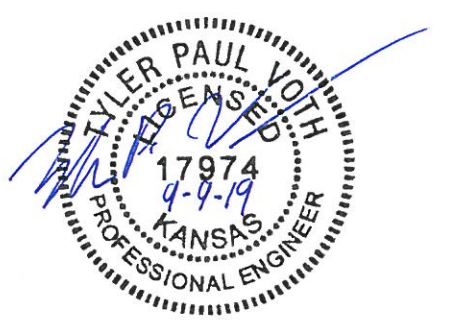
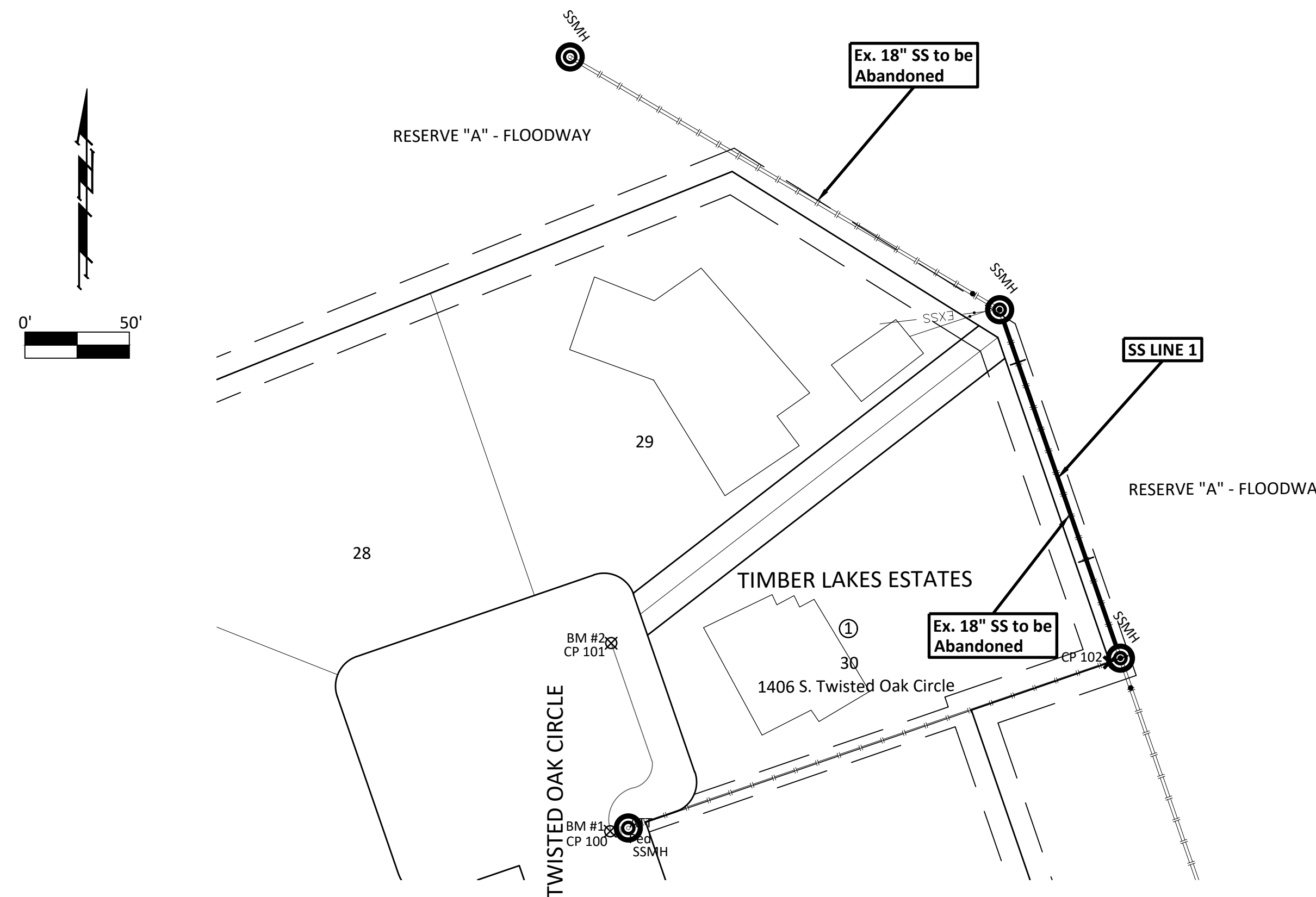
- |      |                         |
|------|-------------------------|
| 1    | Title Sheet             |
| 2    | General Notepage        |
| 3    | SS Line 1 Plan/Profile  |
| 4-5  | Manhole Details         |
| 6-10 | Erosion Control Details |
| 11   | Copy of Plat            |

## BENCHMARKS

- BM#1 - Chiseled "X" on the Back of Curb at the Southwest Corner of Lot 30, Block 1, Timber Lake Estates  
 Elev. = 1298.13 (NAVD 88)
- BM#2 - Chiseled "X" on the Back of Curb at the Northwest Corner of Lot 30, Block 1, Timber Lake Estates  
 Elev. = 1296.77 (NAVD 88)

## CONTROL POINTS

- CP 100 - Chiseled "X" on the Back of Curb  
 N-1679349.068  
 E-1698863.720
- CP 101 - Chiseled "X" on the Back of Curb  
 N-1679439.134  
 E-1698864.164
- CP 102 - 1/2" Rebar Property Corner  
 N-1679429.897  
 E-1699102.884



# GENERAL NOTES:

- The Contractor shall give all property owners and/or tenants of developed property abutting the project limits a minimum of ten (10) days advance notice prior to start of construction. See Project Special Provisions for additional notification requirements.
- Contractor will be required to provide a minimum advance notice of seventy-two (72) hours to utility companies prior to excavation or working adjacent to utilities. Kansas One-Call: 687-2470
- Existing utilities and their locations, as shown on the plan, represent the best information obtainable at the time of design. The Contractor shall be aware that construction will occur in close proximity to existing utilities, and any conflicts with such utilities shall be reported to the Engineer. The Contractor should also be aware that some utility lines within the Project corridor may have been abandoned in place as new lines are installed. Contractor shall be responsible for notifying the affected utility to determine the status of said lines.
- The Water Department shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, water valve boxes or fire hydrant damaged during construction shall be repaired by the Contractor at his own expense.
- All project waste including any trees, milled asphalt, rubble from miscellaneous structures, abandoned pipes, excess excavation & etc. shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
- Prior to bidding the project, each bidder shall visit the site and satisfy himself of surface & subsurface conditions. Each bidder shall also fully inform himself as to the extent of the scope of work to be performed. Each bidder shall also be aware that no additional compensation will be awarded for extra work that should have been evaluated prior to bidding.
- Irons and monuments found are shown on the Plans. The Contractor shall be responsible for notifying the Engineer prior to excavation or clearing operations that will endanger said irons so that accurate ties can be determined for resetting. The Contractor shall be responsible for replacing shown property irons that are damaged or removed during construction. The Contractor shall procure a licensed Land Surveyor to locate and re-install the property iron.
- The Contractor shall be responsible for implementing erosion control methods during construction to prevent unnecessary silt/sediment discharge through downstream properties and/or storm sewer systems. The Contractor shall install and maintain erosion controls as directed by the Engineer. These controls may include, but not limited to: hay bales; silt fences, temporary seeding, Excelsior I Erosion Control Blanket (Curlex), or approved equal, or other controls necessary to inhibit sediment runoff during construction.
- The Contractor shall not start work on the Project until the Project Inspector is assigned and is present on site. Any work done without inspection will be required to be uncovered for inspection. Staking and inspection for this Project will be the responsibility of the City of Wichita.
- The Contractor shall comply with all applicable safety regulations and City of Wichita Specifications and Standards and Special Provisions.

- The Contractor shall protect utility lines that cross or abut the Project corridor. For larger lines, the Contractor's method of supporting the utility structure shall be provided to the Engineer, as well as the affected Utility Company's representative for review and approval. Any shutdown of a utility line that may be required by construction of this Project shall be coordinated with the said affected utility.
- Adjacent Buildings, Structures, Parking Lots, Driveways, etc. other than those shown for replacement shall be protected from damage during construction of this Project.
- Trees that require trimming for the Project construction shall not be done with a back hoe, but only by approved methods concurrent with standard tree trimming methods. All Tree Trimming Operations shall be considered as SUBSIDIARY to "Site Clearing" bid item.
- A full depth saw cut of the existing surface courses or the existing total pavement thickness shall be provided at the locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Sawed joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered SUBSIDIARY to the pavement removal.
- Sewer Service shall not be interrupted throughout the length of the Project. The Contractor shall be responsible for maintaining continuous sewage flows. All costs associated with this work, including by-pass pumping, shall be SUBSIDIARY to other items in the Project.
- All Elevations shown are based on NAVD 88 Datum.

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY TOTAL	UNIT
<b>LUMP SUM BID ITEMS - SANITARY SEWER</b>		
SITE CLEARING	1	Lump Sum
SITE RESTORATION	1	Lump Sum
SODDING	1	Lump Sum
<b>MEASURED QUANTITY BID ITEMS - SANITARY SEWER</b>		
PIPE, SS 8" (PVC)	177	Ft.
PIPE ABANDONED IN PLACE	416	Ft.
MH, ABANDONED	1	Each
MH, OUTSIDE DROP CONSTRUCTED	1	Each
MH, CONNECT TO EXISTING	1	Each
MH INVERT, RECONSTRUCTED	1	Each
MH, BENCH & INVERT, REMOVED & REPLACED	1	Each
MH FRAME & COVER, REPLACED	1	Each
TREE REMOVED, SMALL	3	Each
CONCRETE FLUME REMOVAL & REPLACEMENT	20	Ft.
<b>MEASURED QUANTITY BID ITEMS - EROSION CONTROL</b>		
BMP, CONSTRUCTION ENTRANCE	1	Each
BMP, EROSION CONTROL MAT	30	Sq. Yds.

TURF RESTORATION	
RESTORATION	QUANTITY
Sodding	450 S.Y.
For Information Only.	

## LIST OF UTILITY COMPANIES

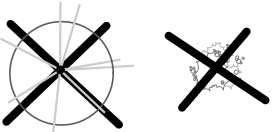
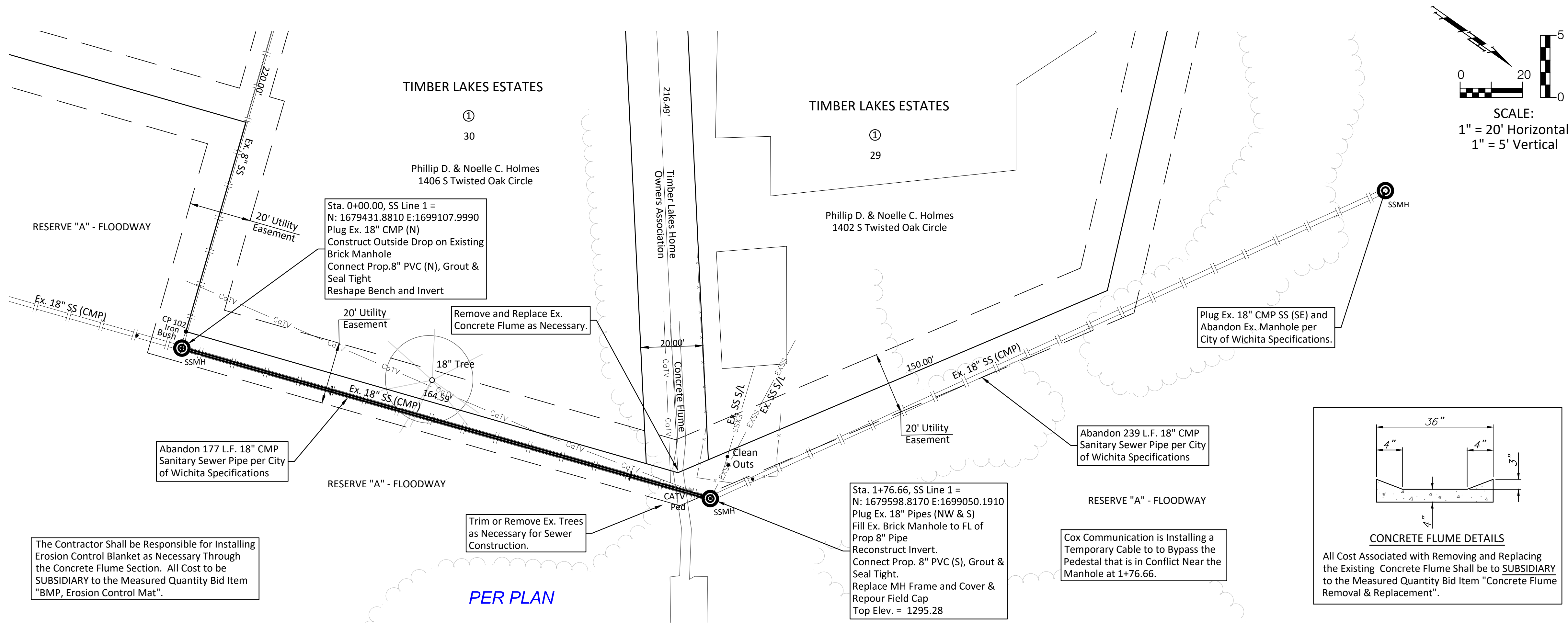
TYPE	OWNER	CONTACT	TELEPHONE	(ALT.)
Locator Service	Kansas One-Call		687-2470	800-344-7233
TV	Cox Communications (Cable)	James Walburn	260-7491	262-0661
Electric	Westar Energy - Distribution	Shane Price	261-6315	383-8600
Gas	Kansas Gas Service	Joe Bridgewater	832-3158	888-482-4950
Gas	Black Hills Energy	Jesse Lunsford	941-1607	800-694-8989
Telephone	AT&T	Jason Edwards	268-2008	800-344-7233
Water	Wichita Water Department	Greg Lolley	268-4555	219-8921
Storm Water Sewer	Wichita SWS Maintenance	Darrin Deutscher	268-4037	
Sanitary Sewer	Wichita Sewer Maintenance	Joe Loggins	268-4073	219-8921

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The Property Owner would like to have Contractor Access to the Construction Corridor be limited to the south property line of 1406 S Twisted Oak Circle as much as possible.  
 Another Possible Access Point would be Along the Existing Concrete Flume in Reserve "A" North of the Timber Lakes Estate Entrance off of Harry.  
 See Sheet 11 for Timber Lakes Estate Plat.

The Contractor Shall Return the Existing Irrigation System to Pre-Construction Conditions After the Project is Complete.  
 All Costs to be SUBSIDIARY to the Lump Sum Bid Item "Site Restoration".

**Note:**  
 Trees/Shrubs to be removed are marked thus:

The Contractor Shall be Responsible for Installing Erosion Control Blanket as Necessary Through the Concrete Flume Section. All Cost to be SUBSIDIARY to the Measured Quantity Bid Item "BMP, Erosion Control Mat".

