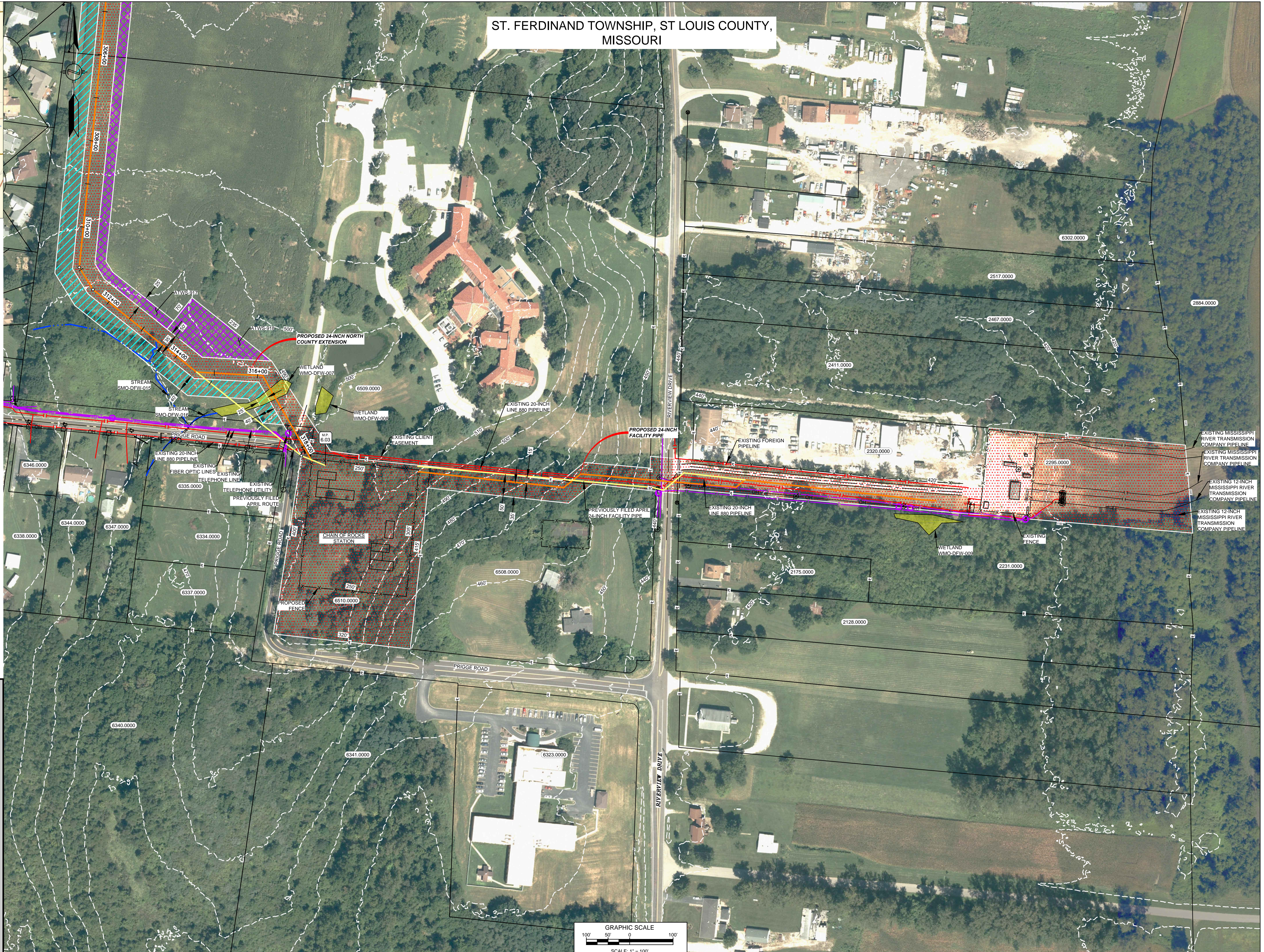


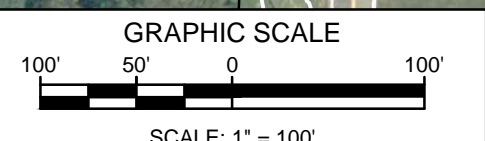
ST. FERDINAND TOWNSHIP, ST LOUIS COUNTY,
MISSOURI



LOCATION MAP
N.T.S.



LEGEND	
	EXISTING PERMANENT EASEMENT
	PROPOSED PERMANENT EASEMENT
	TEMPORARY WORKSPACE
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)
	PROPOSED STAGING AREA
	ACCESS ROAD
	PROPOSED 24-INCH DIAMETER NORTH COUNTY EXTENSION
	EXISTING GAS PIPELINE
	EXISTING FOREIGN PIPELINE
	OVERHEAD POWER LINE
	EXISTING FIBER OPTIC LINE
	MMID
	PROPERTY LINE
	MUNICIPAL LINE
	WETLAND (DESKTOP)
	WETLAND (DELINEATED)
	LINE OF STREAM (DESKTOP)
	LINE OF STREAM (DELINEATED)
	PROPOSED FENCE
	UTILITY POLE
	STORM SEWER



REFERENCE DRAWINGS	
DWG. NO.	TITLE
STLP-A-1007	ALIGNMENT SHEET
STL-M-200-0300	CHAIN OF ROCKS STATION
STL-M-200-0301	CHAIN OF ROCKS STATION (WEST)

REFERENCE DRAWINGS	
DWG. NO.	TITLE
STL-M-200-0302	CHAIN OF ROCKS STATION
STL-M-200-0303	ENABLE MRT CHAIN OF ROCKS STATION (EAST)

REVISIONS			
NO.	REVISIONS	DATE	DRAWN
1	ISSUE FOR FERC	01/2017	GJH
2	AMENDMENT TO FERC	04/2017	KSS
3	FERC SUPPLEMENTAL FILING	07/2017	GJH

REVISIONS			
NO.	REVISIONS	DATE	DRAWN

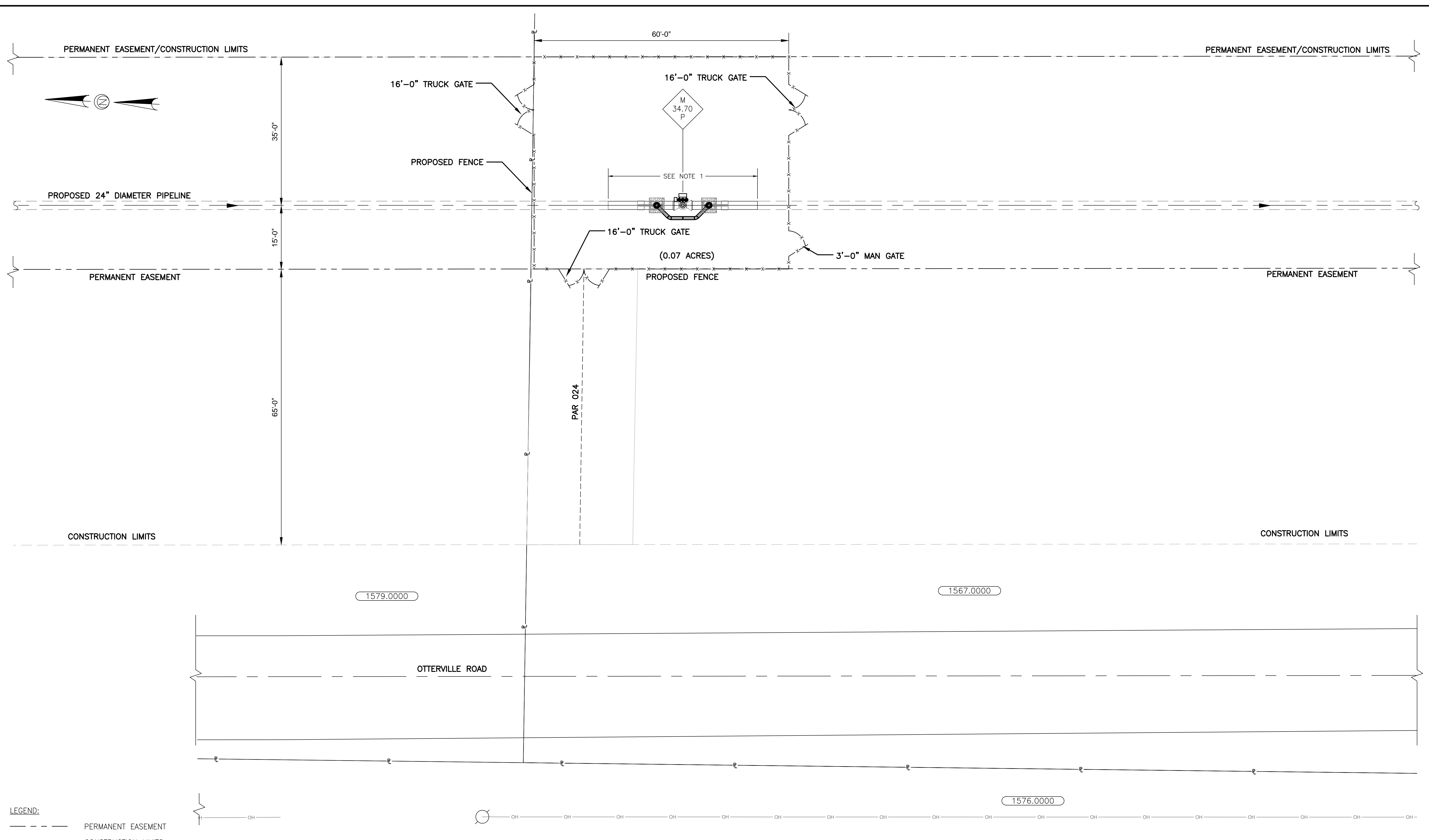
APPROVALS			
DRAWN BY	DATE	ENG. APPROVAL	DATE
KSS	07/2017	DGG	07/2017
CHECKED BY	DATE	P.M. APPROVAL	DATE
RJP	07/2017	JEW	07/2017

PREPARED FOR
Spire STL Pipeline

PREPARED BY
MOTT MACDONALD

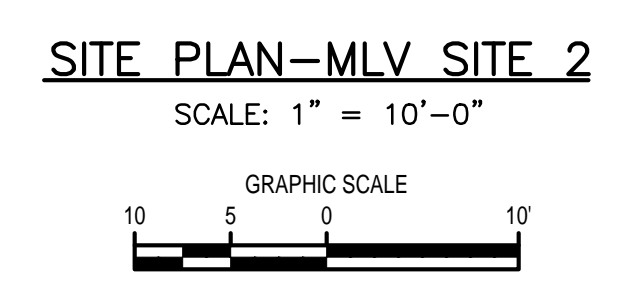
SPIRE STL PIPELINE PROJECT
CHAIN OF ROCKS STATION
SITE LAYOUT
ST LOUIS COUNTY, MISSOURI

DATE PLOTTED: 07/20/2017 10:42:00 AM; PLOTTER: HP DesignJet T1100PS; PLOT FILE: C:\Users\jgibson\AppData\Local\Temp\1\spire_stl_pipeline\spire_stl_pipeline.dwg; PLOT SCALE: 1"=100'



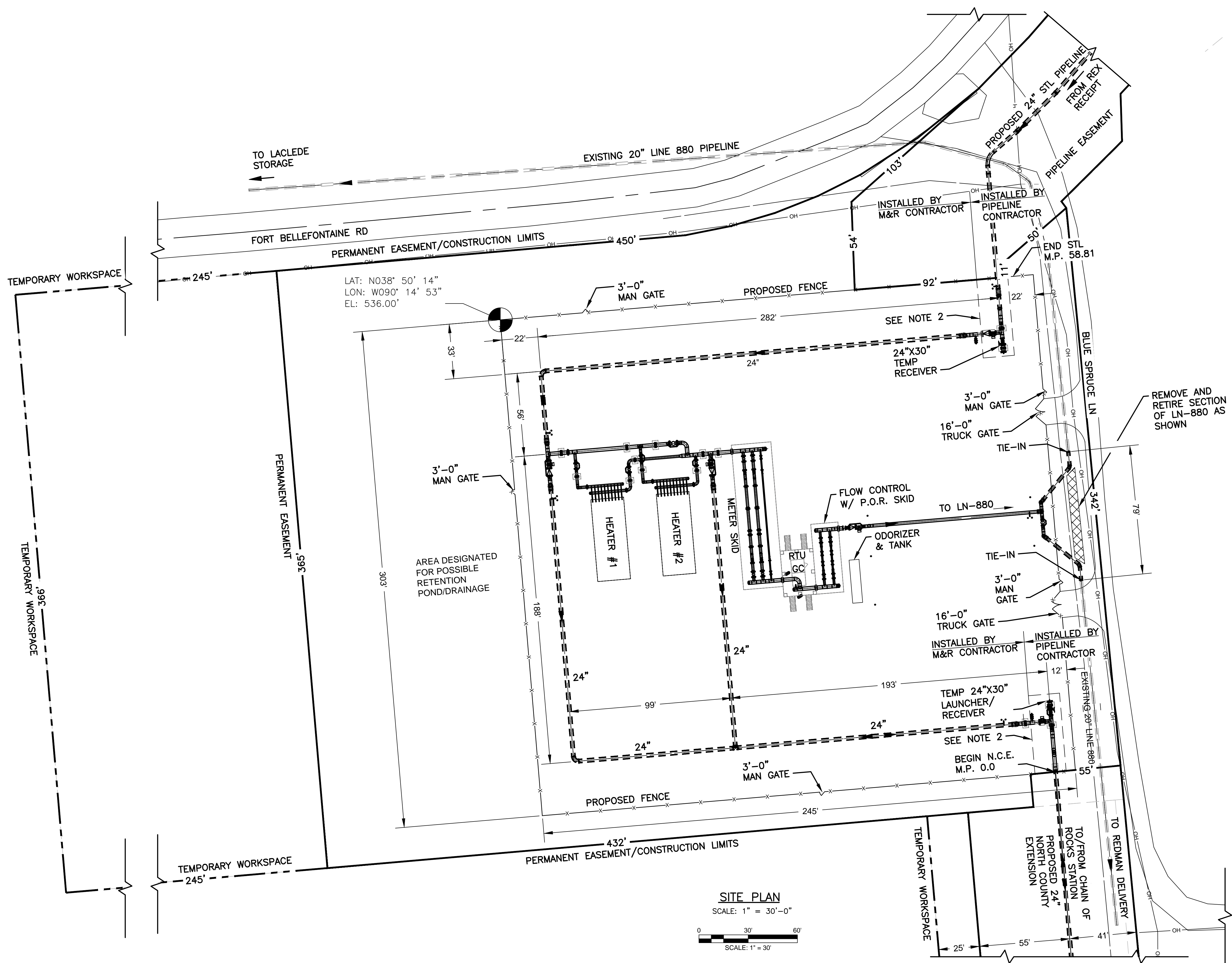
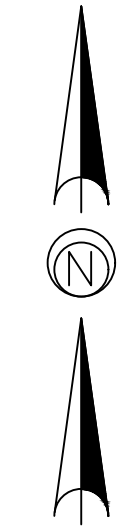
LEGEND:
 - - - PERMANENT EASEMENT
 ——— CONSTRUCTION LIMITS
 — OH — OH POWER LINE
 — P — PROPERTY LINE
 (xxx.0000) MMID
 - x - PROPOSED FENCE
 ⊙ UTILITY POLE

NOTES:
 1) MAINLINE VALVE ASSEMBLY TO BE PREFABRICATED BY OTHERS. PIPELINE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING PREFABRICATED ASSEMBLY ON SITE.



REFERENCE DRAWINGS			REVISIONS			REVISIONS			APPROVALS					PREPARED FOR		PREPARED BY		SPIRE STL PIPELINE PROJECT								
DWG. NO.	TITLE	DWG. NO.	NO.	REVISIONS	DATE	DRAWN	CK	APPR	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	ENG. APPROVAL	DATE	CLIENT APPROVAL	DATE			DATE			
STLP-A-039	ALIGNMENT SHEET		1	ISSUED FOR FERC	01/2017	BDP	JJG	WRM							BOP	03/2017	DGG	03/2017								
			2	AMENDMENT TO FERC	04/2017	BDP	JJG	WRM							CHECKED BY	DATE	P.M. APPROVAL	DATE	SCALE:	AS SHOWN						
			3	FERC SUPPLEMENTAL FILING	07/2017	BDP	JJG	WRM							EB	03/2017	JEV	03/2017	STLP-SS-006							

Prepared for **Spire STL Pipeline** and prepared by **MOTT MACDONALD**. The project is the **SPIRE STL PIPELINE PROJECT**, specifically the **PROPOSED 24" DIAMETER PIPELINE MLV SITE 2**. The drawing is the **SITE PLAN**.



- NOTES:**
- 1) DETAILED DESIGN, DRAFTING AND FINAL ENGINEERING WILL BE BY ENGINEER/FABRICATOR.
 - 2) PIPELINE CONTRACTOR RESPONSIBLE FOR INSTALLING ALL PIPING RELATING TO TEMPORARY BARREL AND STATION ATTACHMENT. THE FABRICATED ASSEMBLY WILL BE PRE-FABRICATED BY OTHERS. PIPING ON THE M&R SIDE OF THE VALVES ARE TO BE FABRICATED AND INSTALLED BY M&R CONTRACTOR, AS SHOWN.
 - 3) TEMPORARY LAUNCHER/RECEIVER BARRELS WILL BE INSTALLED BY SPIRE AT A LATER TIME.

- LEGEND:**
- PERMANENT EASEMENT
 - TEMPORARY WORKSPACE
 - OH OH POWER LINE
 - P PROPERTY LINE
 - X X X PROPOSED FENCE
 - REMOVE & RETIRE

SITE PLAN
SCALE: 1" = 30'-0"
0 30' 60'
SCALE: 1" = 30'

ENGINEERING FIRM

CLIENT

Spire STL Pipeline

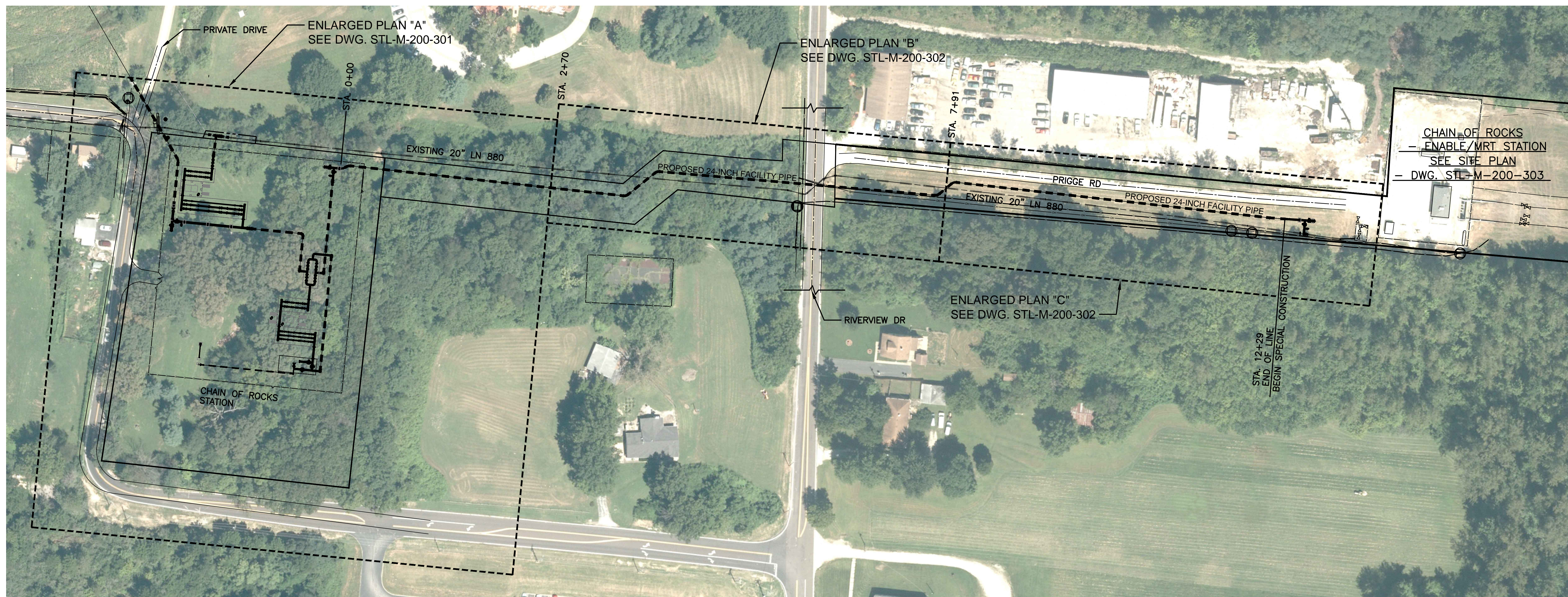
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3	07/2017	BDP	FERC SUPPLEMENTAL FILING	JJG	WRM
2	04/2017	BDP	AMENDMENT TO FERC	JJG	WRM
1	01/2017	BDP	ISSUED FOR FERC	JJG	WRM

Project Number	MM-372453	B/O	Total
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Designed	BDP	Eng check	WRM
Drawn	BDP	Coordination	BWW
Dwg check	JJG	Approved	BWW
Scale at ARCH D	Status	Rev	Security
AS NOTED		3	
Drawing Number	STL-M-200-0200		

SPIRE STL PIPELINE PROJECT
LACLEDE/LANGE DELIVERY STATION
ST. LOUIS COUNTY, MO
SITE PLAN

G:\Spire\372453_sblouispipeline\facilities\laclede_delivery_station\Drafting\026_M_Plans_Sections_&_Details\STL-M-200-0200.dwg Jun 29, 2017 - 10:12AM P071604

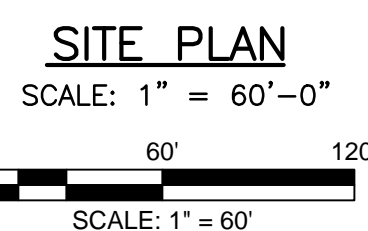


NOTE:

1. DETAILED DESIGN, DRAFTING AND FINAL ENGINEERING WILL BE BY ENGINEER/FABRICATOR.

LEGEND:

- ENLARGED PLAN LIMITS
- PERMANENT EASEMENT
- PERMANENT EASEMENT/CONSTRUCTION LIMITS
- OH— OH POWER LINE
- T— TELEPHONE LINE
- X—X—X— PROPOSED FENCE



G:\Spire\372453_Spire STL Pipeline\Facilities\MRT_Bidirectional_Station\Drafting\026_M_Plans_Sections_&_Details\STL-M-200-0300.dwg Jul 5, 2017 - 2:58PM PWT1604

ENGINEERING FIRM

M M
MOTT
MACDONALD

CLIENT

**Spire
STL Pipeline**

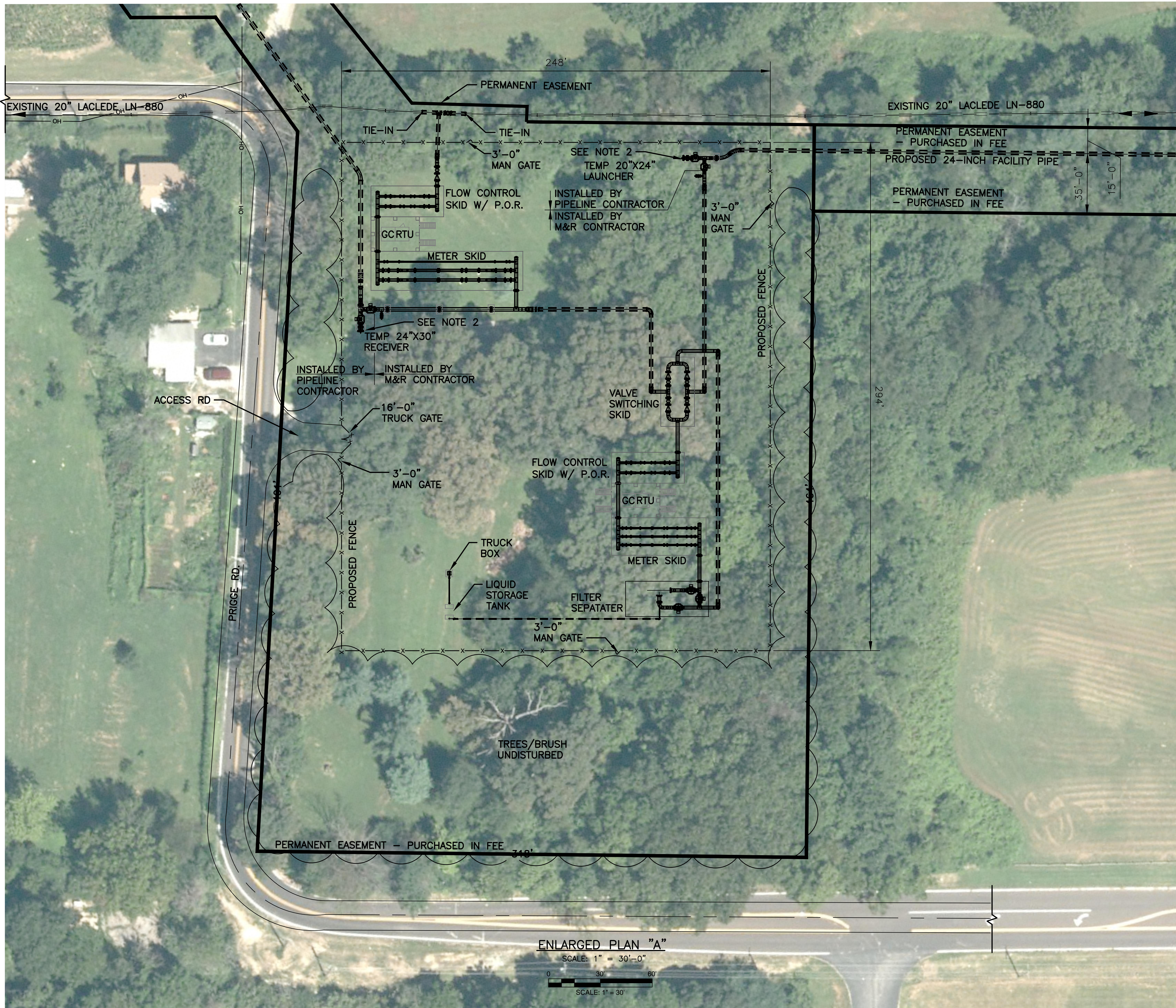
Rev	Date	Drawn	Description	Ch'k'd	App'd
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2	05/2017	DER	AMENDMENT TO FERC	JJG	WRM
1	01/2017	BDP	ISSUED FOR FERC	JJG	WRM

Project Number	MM-372453	B/O	Total
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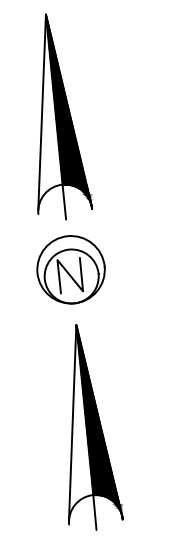
Designed	MM	Eng check	WRM
Drawn	BDP	Coordination	BWW
Dwg check	WRM	Approved	BWW
Scale at ARCH D	Status	Rev	Security
AS NOTED		3	
Drawing Number		STL-M-200-0300	

SPIRE STL PIPELINE PROJECT
CHAIN OF ROCKS STATION
ST. LOUIS COUNTY, MO.
SITE PLAN

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STA. 2+70 MATCH LINE - FOR CONT. SEE DWG. STL-M-200-0302



NOTE:

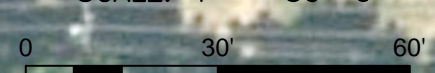
- 1) DETAILED DESIGN, DRAFTING AND FINAL ENGINEERING WILL BE BY ENGINEER/FABRICATOR.
- 2) PIPELINE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL PIPING RELATING TO TEMPORARY BARREL AND STATION ATTACHMENT. THE FABRICATED ASSEMBLY WILL BE PRE-FABRICATED BY OTHERS. PIPING ON THE M&R SIDE OF THE VALVES ARE TO BE FABRICATED AND INSTALLED BY M&R CONTRACTOR, AS SHOWN.
- 3) TEMPORARY LAUNCHER/RECEIVER BARRELS WILL BE INSTALLED BY SPIRE AT A LATER TIME.

LEGEND:

- PERMANENT EASEMENT (PROPERTY PURCHASED IN FEE)
- PERMANENT EASEMENT
- x x x PROPOSED FENCE
- ~ ~ ~ TREE LINE

ENLARGED PLAN "A"

SCALE: 1" = 30'-0"



SCALE: 1" = 30'

ENGINEERING FIRM

**MOTT
MACDONALD**

CLIENT

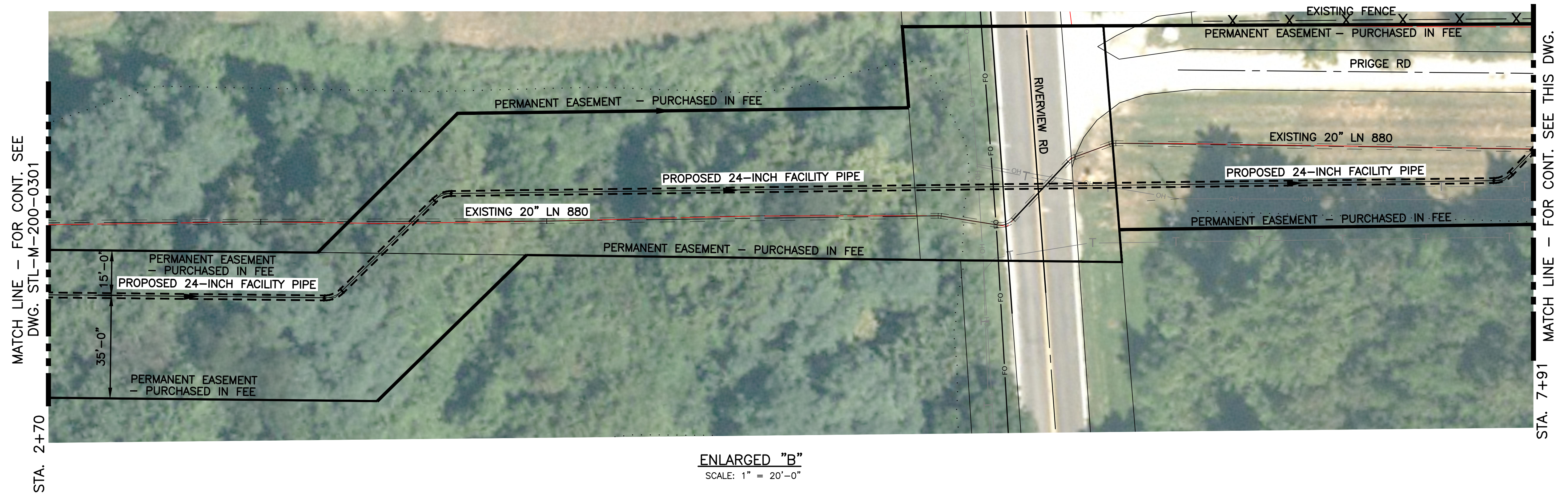
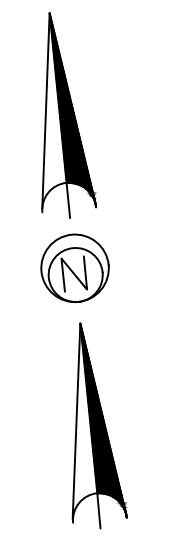
**Spire
STL Pipeline**

Rev	Date	Drawn	Description	Ch'k'd	App'd
3	07/2017	BDP	FERC SUPPLEMENTAL FILING	JJG	WRM
2	05/2017	DER	AMENDMENT TO FERC	JJG	WRM
1	01/2017	BDP	ISSUE FOR FERC	JJG	WRM

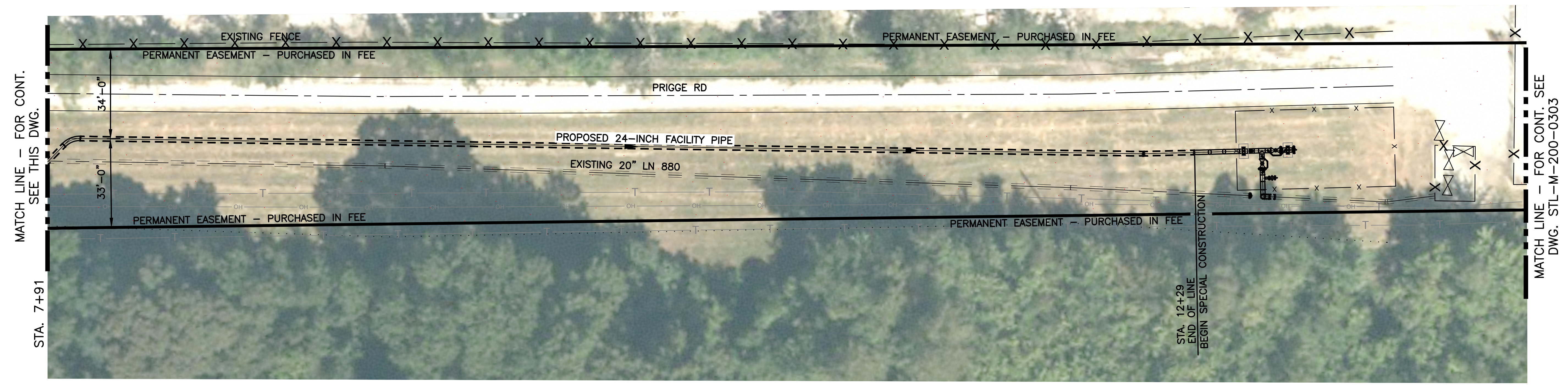
Project Number	MM-372453	B/O	Total
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Designed	MM	Eng check	WRM
Drawn	BDP	Coordination	BWW
Dwg check	WRM	Approved	BWW
Scale at ARCH D	Status	Rev	Security
AS NOTED		3	
Drawing Number	STL-M-200-0301		

SPIRE STL PIPELINE PROJECT
CHAIN OF ROCKS STATION (WEST)
ST. LOUIS COUNTY, MO.
ENLARGED PLAN "A"



ENLARGED "B"
SCALE: 1" = 20'-0"



ENLARGED "C"
SCALE: 1" = 20'-0"

- LEGEND:**
- PERMANENT EASEMENT — (PROPERTY PURCHASED IN FEE)
 - OH — OH POWER LINE
 - T — TELEPHONE LINE
 - P — PROPERTY LINE
 - X — X — X — PROPOSED FENCE

NOTE:
1. DETAILED DESIGN, DRAFTING AND FINAL ENGINEERING WILL BE BY ENGINEER/FABRICATOR.

ENGINEERING FIRM

M M

MOTT
MACDONALD

CLIENT

Spire
STL Pipeline

Rev	Date	Drawn	Description	Ch'k'd	App'd
3	07/2017	BDP	FERC SUPPLEMENTAL FILING	JJG	WRM
2	05/2017	DER	AMMENDED TO FERC	JJG	WRM
1	01/2017	BDP	ISSUE FOR FERC	JJG	WRM

Project Number	MM-372453	B/O	Total
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Designed	MM	Eng check	WRM
Drawn	BDP	Coordination	BWW
Dwg check	WRM	Approved	BWW
Scale at ARCH D	Status	Rev	Security
AS NOTED		3	
Drawing Number		STL-M-200-0302	

SPIRE STL PIPELINE PROJECT
CHAIN OF ROCKS STATION
ST. LOUIS COUNTY, MO.
ENLARGED PLANS "B" & "C"

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C:\Spire\372453_SpireSTL\Pipeline\Facilities\MRT_Bidirectional_Station\Drafting\026_M_Plans_Sections_&_Details\STL-M-200-0303.dwg Jul 13, 2017 4:35PM Thu 7/20/17



MATCH LINE - FOR CONT.
SEE DWG. STL-M-200-0302



NOTE:
1. DETAILED DESIGN, DRAFTING AND FINAL ENGINEERING WILL BE BY ENGINEER/FABRICATOR.

LEGEND:

	PERMANENT EASEMENT
	OH POWER LINE
	TELEPHONE LINE
	PROPERTY LINE
	EXISTING FENCE

SITE PLAN
CHAIN OF ROCKS - ENABLE/MRT
SCALE: 1" = 20'-0"

SCALE: 1" = 20'

ENGINEERING FIRM

CLIENT

**Spire
STL Pipeline**

Rev	Date	Drawn	Description	Ch'k'd	App'd
3	07/2017	BDP	FERC SUPPLEMENTAL FILING	JJG	WRM
2	05/2017	DER	AMENDMENT TO FERC	JJG	WRM
1	01/2017	BDP	ISSUE FOR FERC	JJG	WRM

Project Number	MM-372453	B/O	Total
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Designed	MM	Eng check	WRM
Drawn	BDP	Coordination	BWW
Dwg check	WRM	Approved	BWW
Scale at ARCH D	Status	Rev	Security
AS NOTED		3	
Drawing Number			
STL-M-200-0303			

SPIRE STL PIPELINE PROJECT
ENABLE MRT CHAIN OF ROCKS
STATION (EAST)
ST. LOUIS COUNTY, MO.
SITE PLAN-CHAIN OF ROCKS ENABLE/MRT