

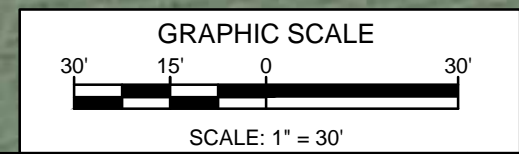
SPANISH LAKE TOWNSHIP, ST. LOUIS COUNTY, MISSOURI



LOCATION MAP
N.T.S.



LEGEND	
	PROPOSED PERMANENT EASEMENT
	TEMPORARY WORKSPACE
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)
	PROPOSED STAGING AREA
	ACCESS ROAD
	PROPOSED 24-INCH DIAMETER PIPELINE
	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)
	€ OF STREAM (DESKTOP)
	€ OF STREAM (DELINEATED)
	PROPOSED FENCE
	UTILITY POLE
	STORM SEWER



DWG. NO.	TITLE
STLP-A-068	ALIGNMENT SHEET
STLP-A-1001	NCE ALIGNMENT SHEET
STL-M-200-0200	LACLEDE/LANGE DELIVERY STATION LAYOUT

DWG. NO.	TITLE

REVISIONS		NO.	DATE	DRAWN	CK	APPR
3	FERC SUPPLEMENTAL	05/2017	GJH	EB	DGG	

APPROVALS		DATE	DATE	DATE	
DRAWN BY	GG	03/2017	ENG. APPROVAL	DGG	04/2017
CHECKED BY	RJP	04/2017	P.M. APPROVAL	JEV	04/2017

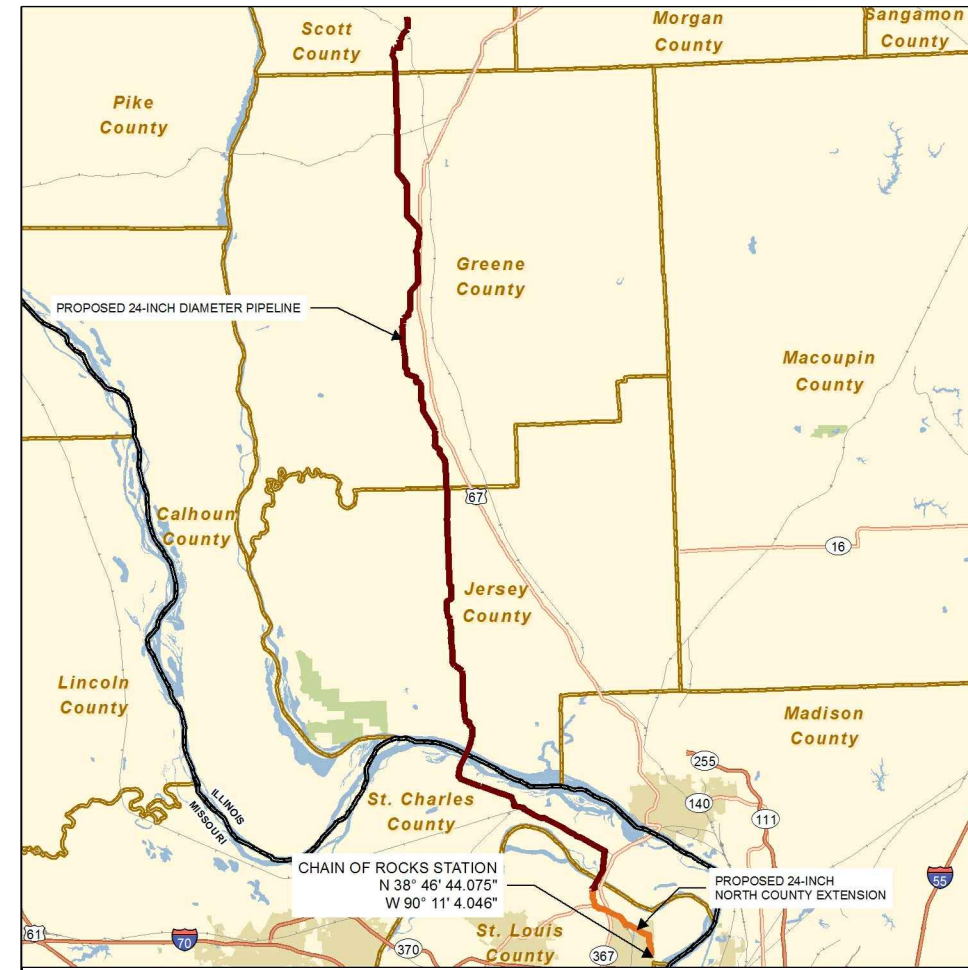
PREPARED FOR
Spire STL Pipeline

PREPARED BY
MOTT MACDONALD

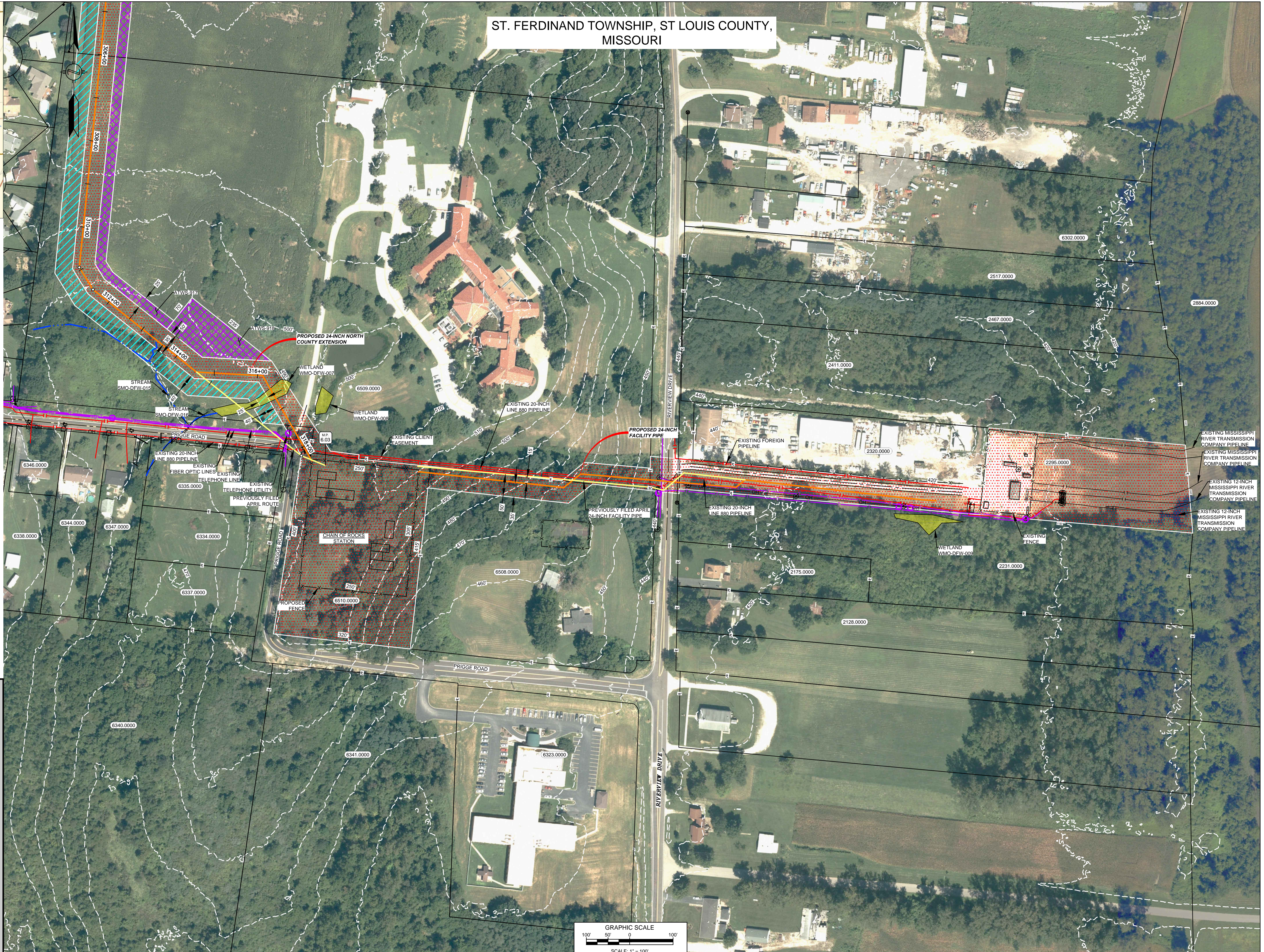
SPIRE STL PIPELINE PROJECT
LACLEDE/LANGE DELIVERY STATION
SITE LAYOUT
ST LOUIS COUNTY, MISSOURI

COURTESY OF THE MISSOURI DEPARTMENT OF REVENUE, DIVISION OF TAXATION, ST. LOUIS, MISSOURI

ST. FERDINAND TOWNSHIP, ST LOUIS COUNTY, MISSOURI

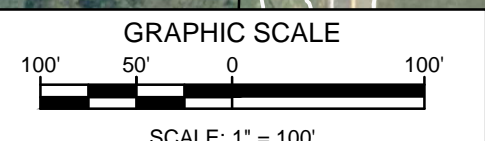


LOCATION MAP
N.T.S.

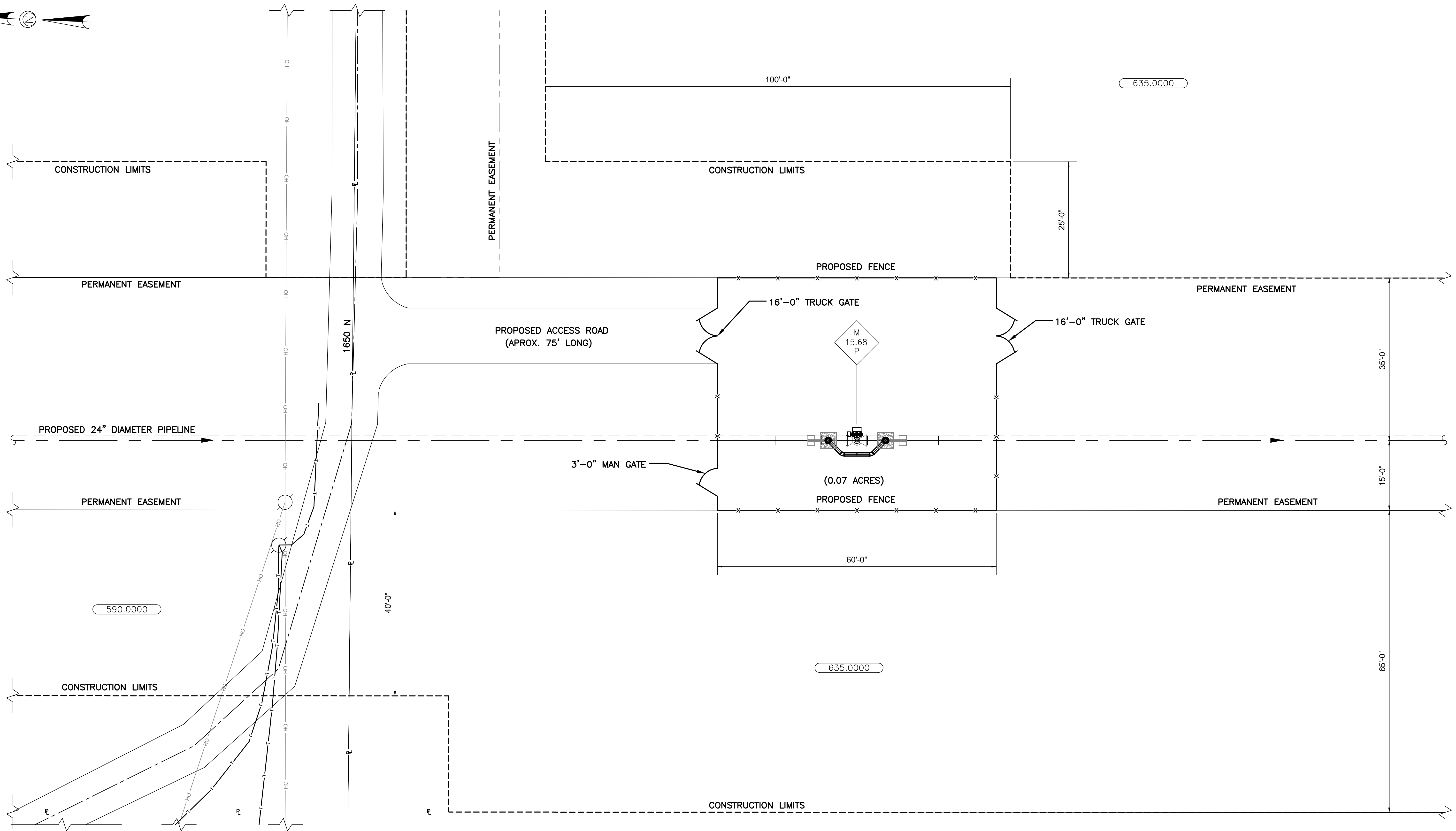


LEGEND

- 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)
- CENTERLINE OF STREAM (DESKTOP)
- CENTERLINE OF STREAM (DELINEATED)
- PROPOSED FENCE
- UTILITY POLE
- STORM SEWER

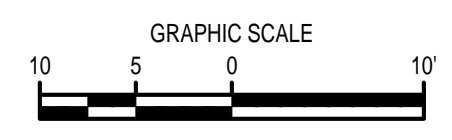


REFERENCE DRAWINGS		REFERENCE DRAWINGS		REVISIONS				REVISIONS				APPROVALS				PREPARED FOR Spire STL Pipeline	PREPARED BY MOTT MACDONALD	PROJECT SPIRE STL PIPELINE PROJECT				
DWG. NO.	TITLE	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	NO.	REVISIONS	DATE	DRAWN	CK	APPR				DRAWN BY	DATE	ENG. APPROVAL	DATE
STLP-A-1007	ALIGNMENT SHEET	STL-M-200-0302	CHAIN OF ROCKS STATION	1	ISSUE FOR FEREC	01/2017	GJH	EB	DGC								KSS	07/2017	DGG	07/2017		
STL-M-200-0300	CHAIN OF ROCKS STATION	STL-M-200-0303	ENABLE MRT CHAIN OF ROCKS STATION (EAST)	2	AMENDMENT TO FEREC	04/2017	KSS	RJP	DGG								RJP	07/2017	P.M. APPROVAL	DATE	SCALE: 0.120000000 = 1" = 0' XREF	
STL-M-200-0301	CHAIN OF ROCKS STATION (WEST)			3	FEREC SUPPLEMENTAL FILING	07/2017	GJH	EB	DGG										JEW	07/2017		STLP-SS-003



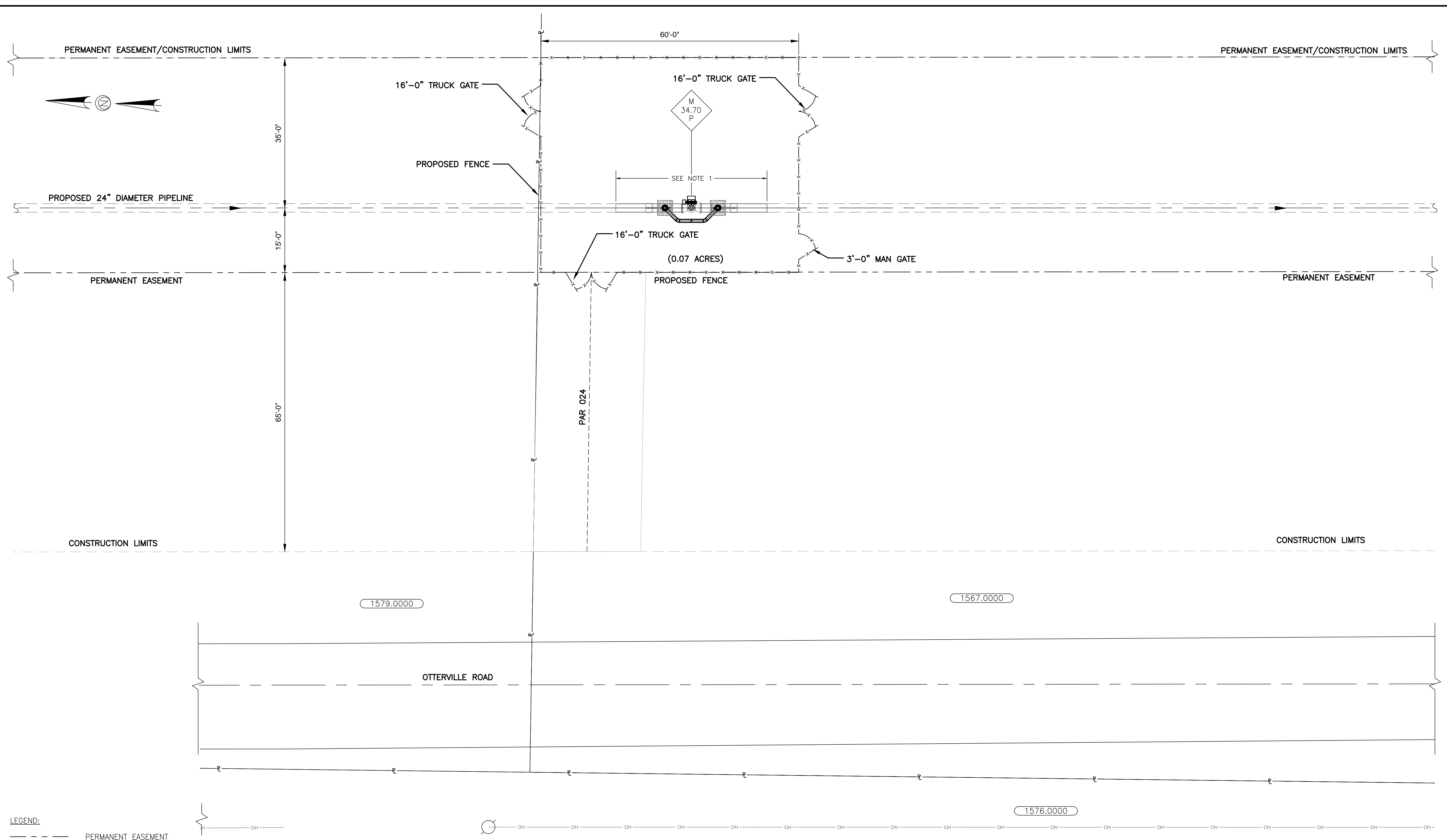
SITE PLAN-MLV SITE 1

SCALE: 1" = 10'-0"



- LEGEND:**
- PERMANENT EASEMENT
 - - - CONSTRUCTION LIMITS
 - OH OH POWER LINE
 - P - PROPERTY LINE
 - xxx.0000 MMD
 - x - PROPOSED FENCE
 - UTILITY POLE

REFERENCE DRAWINGS		REFERENCE DRAWINGS		REVISIONS					REVISIONS					APPROVALS					PREPARED FOR Spire STL Pipeline	PREPARED BY MOTT MACDONALD	SPIRE STL PIPELINE PROJECT				
DWG. NO.	TITLE	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	ENG. APPROVAL			DATE	CLIENT APPROVAL	DATE	SCALE: AS SHOWN	MLV SITE 1
STLP-A-017	ALIGNMENT SHEET			1	ISSUE FOR FERC	01/2017	MM	JJG	WRM							BDP	01/2017	DGG	01/2017						
				2	AMENDMENT FERF FILING	04/2017	MM	JJG	WRM							EB	01/2017	JEV	01/2017						



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

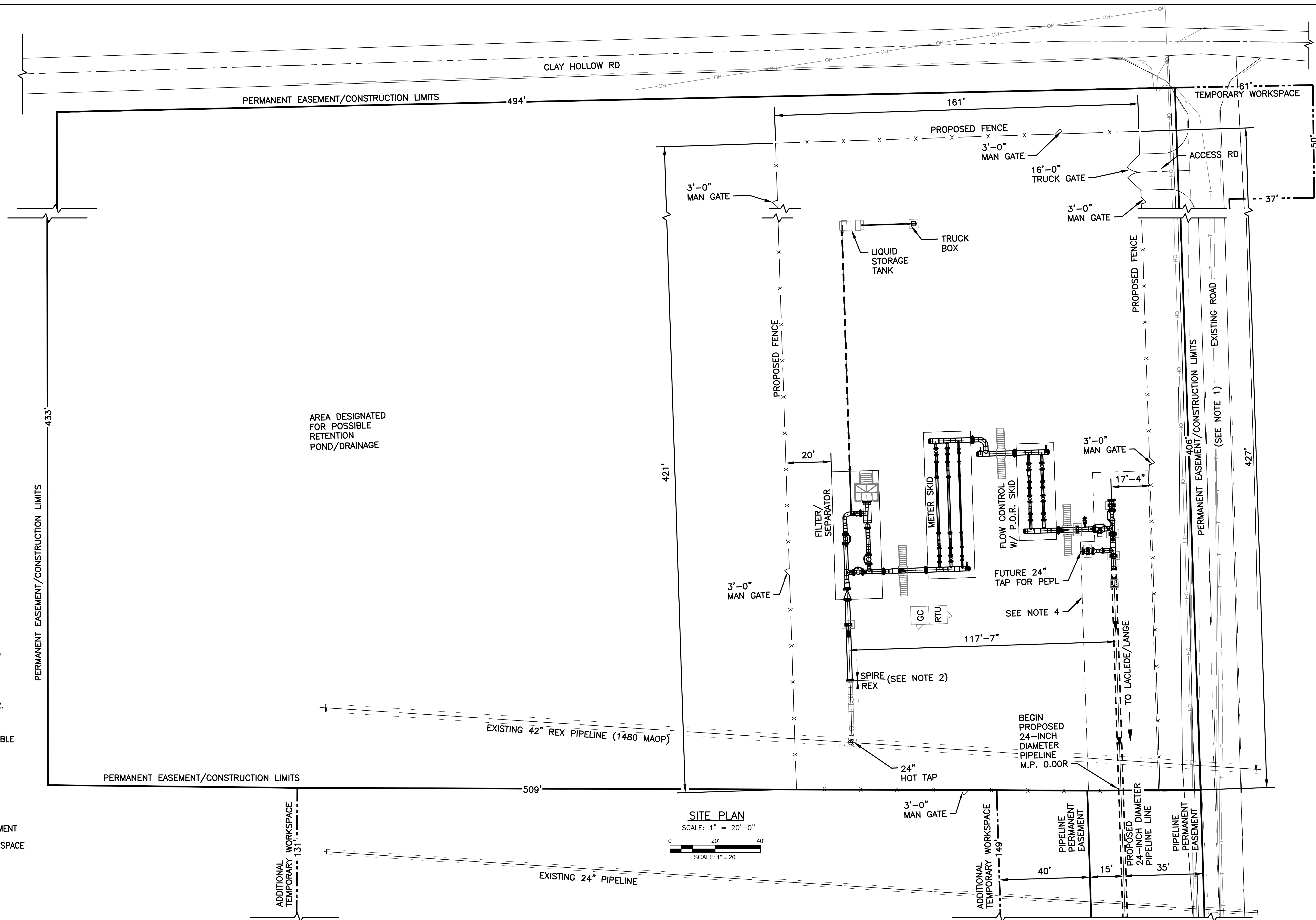
NOTES:

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

SITE PLAN-MLV SITE 2
 SCALE: 1" = 10'-0"
 GRAPHIC SCALE
 10 5 0 10

REFERENCE DRAWINGS		REFERENCE DRAWINGS		REVISIONS				REVISIONS				APPROVALS				PREPARED FOR Spire STL Pipeline	PREPARED BY MOTT MACDONALD	SPIRE STL PIPELINE PROJECT PROPOSED 24" DIAMETER PIPELINE MLV SITE 2 SITE PLAN				
DWG. NO.	TITLE	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	NO.	REVISIONS	DATE	DRAWN	CK	APPR				DRAWN BY	DATE	ENG. APPROVAL	DATE
STLP-A-039	ALIGNMENT SHEET			1	ISSUED FOR FERC	01/2017	BDP	JJG	WRM								BDP	03/2017	DGG	03/2017		
				2	AMENDMENT TO FERC	04/2017	BDP	JJG	WRM								EB	03/2017	P.M. APPROVAL	DATE	SCALE: AS SHOWN	
				3	FERC SUPPLEMENTAL FILING	07/2017	BDP	JJG	WRM									03/2017	JEV	03/2017		STLP-SS-006

G:\Spire\372453_STL\SitePlan\Drawings\Site_Layouts\STL-M-200-0100.dwg, Apr 18, 2017, 1:08PM, p071604



- NOTES:**
- GRAVEL/STONE SHALL BE ADDED AS REQUIRED FOR PERMANENT ACCESS ROAD.
 - THE SPIRE/REX OWNERSHIP DEMARCATION IS LOCATED AT FLANGE AS SHOWN, ALSO SEE P.F.D. DWG # STL-M-100-0102.
 - DETAILED DESIGN, DRAFTING AND FINAL ENGINEERING WILL BE BY ENGINEER/FABRICATOR.
 - PIPELINE CONTRACTOR RESPONSIBLE FOR INSTALLING ALL PIPE INCLUDING VALVES AND OTHER POINTS UP TO METER STATION VALVE.

- LEGEND:**
- PERMANENT EASEMENT
 - - - - - TEMPORARY WORKSPACE
 - OH — OH POWER LINE
 - T — TELEPHONE LINE
 - P — PROPERTY LINE
 - x - x - x - PROPOSED FENCE

SITE PLAN
SCALE: 1" = 20'-0"
0 20' 40'
SCALE: 1" = 20'

ENGINEERING FIRM

M M
MOTT
MACDONALD

CLIENT

**Spire
STL Pipeline**

Rev	Date	Drawn	Description	Ch'k'd	App'd
2	04/2017	BDP	AMENDMENT TO FERC	JJG	WRM

Project Number	MM-372453	B/O	Total
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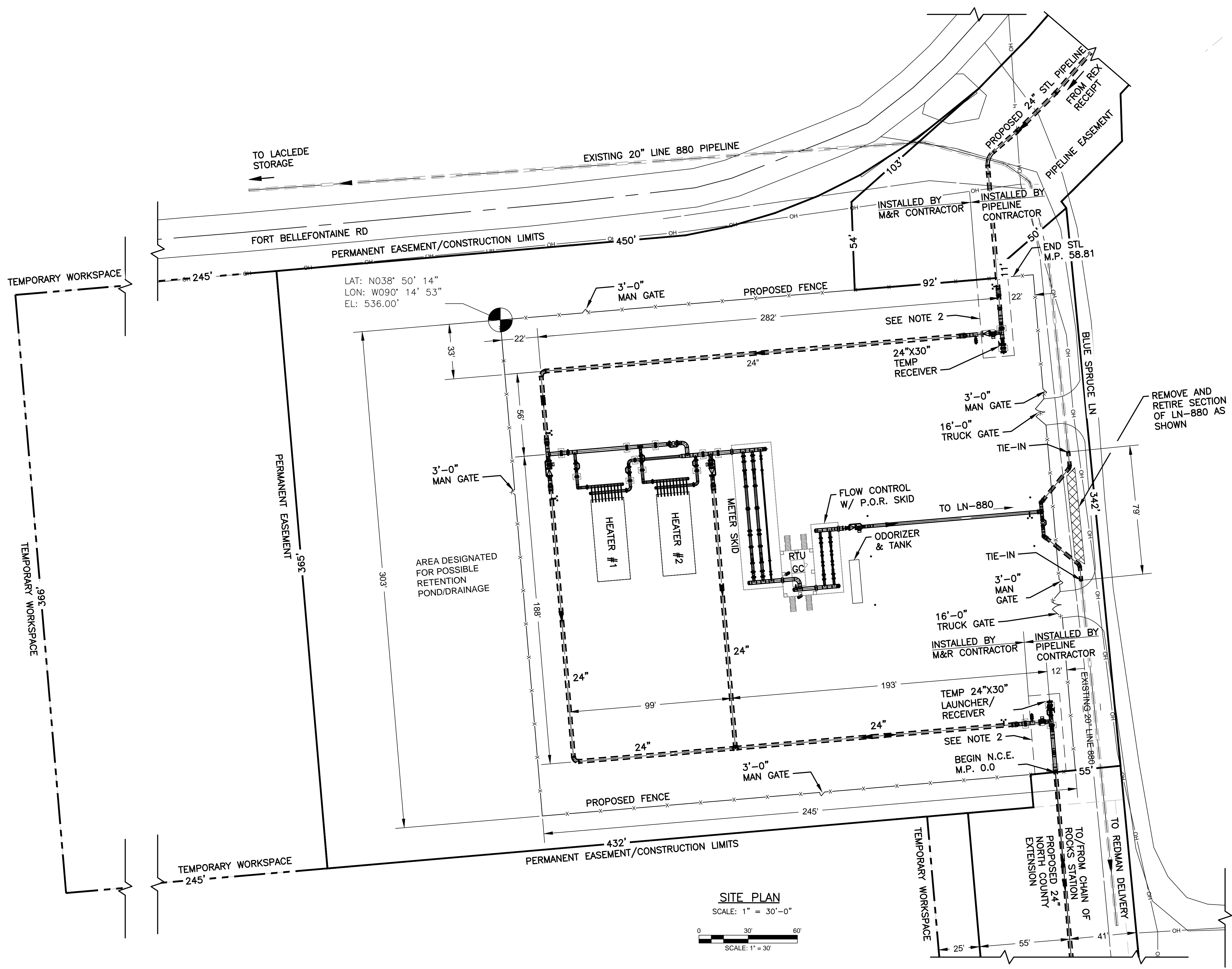
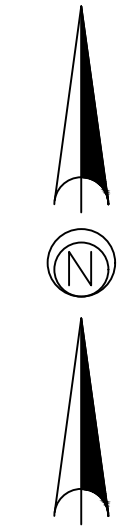
Designed	BDP	Eng check	WRM
Drawn	BDP	Coordination	BWW
Dwg check	JJG	Approved	BWW
Scale at ARCH D	Status	Rev	Security
AS NOTED		FERC	
Drawing Number	STL-M-200-0100		

SPIRE STL PIPELINE PROJECT

REX RECEIPT STATION

SCOTT COUNTY, IL.

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

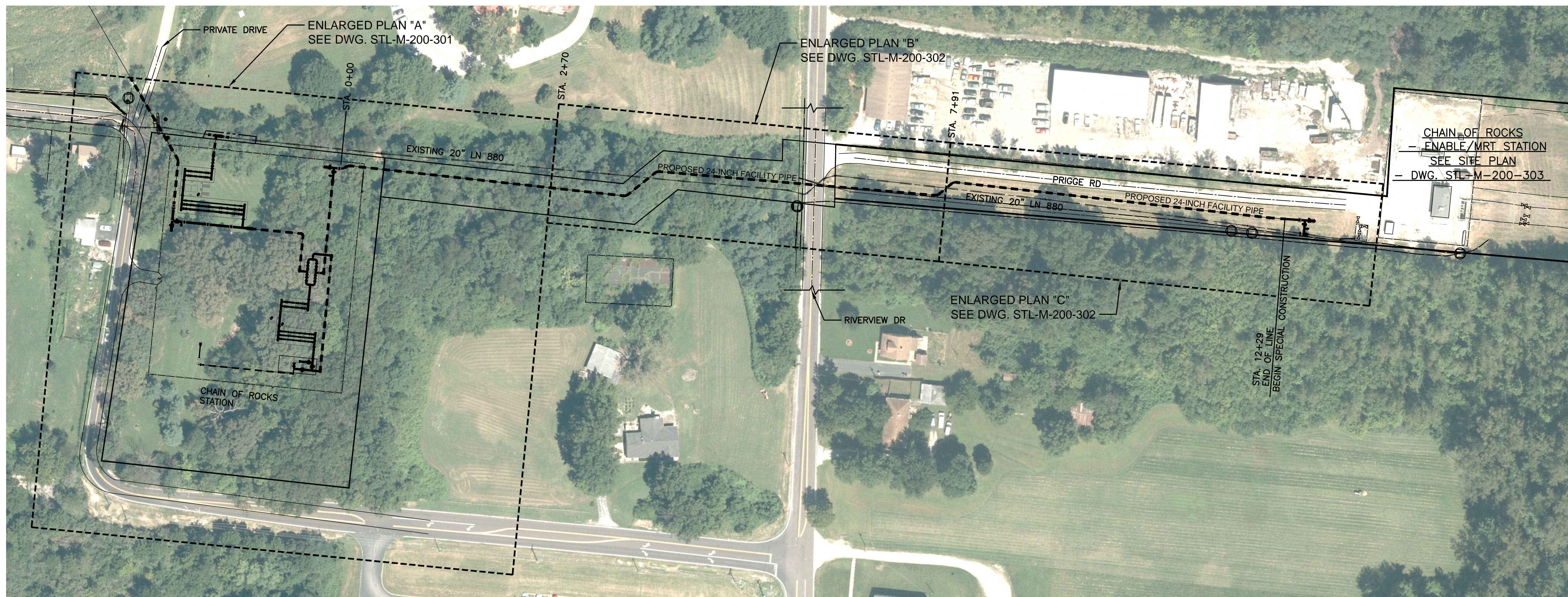
Rev	Date	Drawn	Description	Ch'k'd	App'd
3	07/2017	BDP	FERC SUPPLEMENTAL FILING	JJG	WRM
2	04/2017	BDP	AMENDMENT TO FERC	JJG	WRM
1	01/2017	BDP	ISSUED FOR FERC	JJG	WRM

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_sbl\spire\mfr\facilities\laclede_delivery_station\Drafting\026_M_Plans_Sections_&_Details\STL-M-200-0200.dwg Jun 29, 2017 - 10:12AM P071604

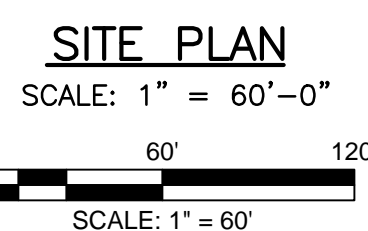


NOTE:

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

CLIENT

Spire STL Pipeline

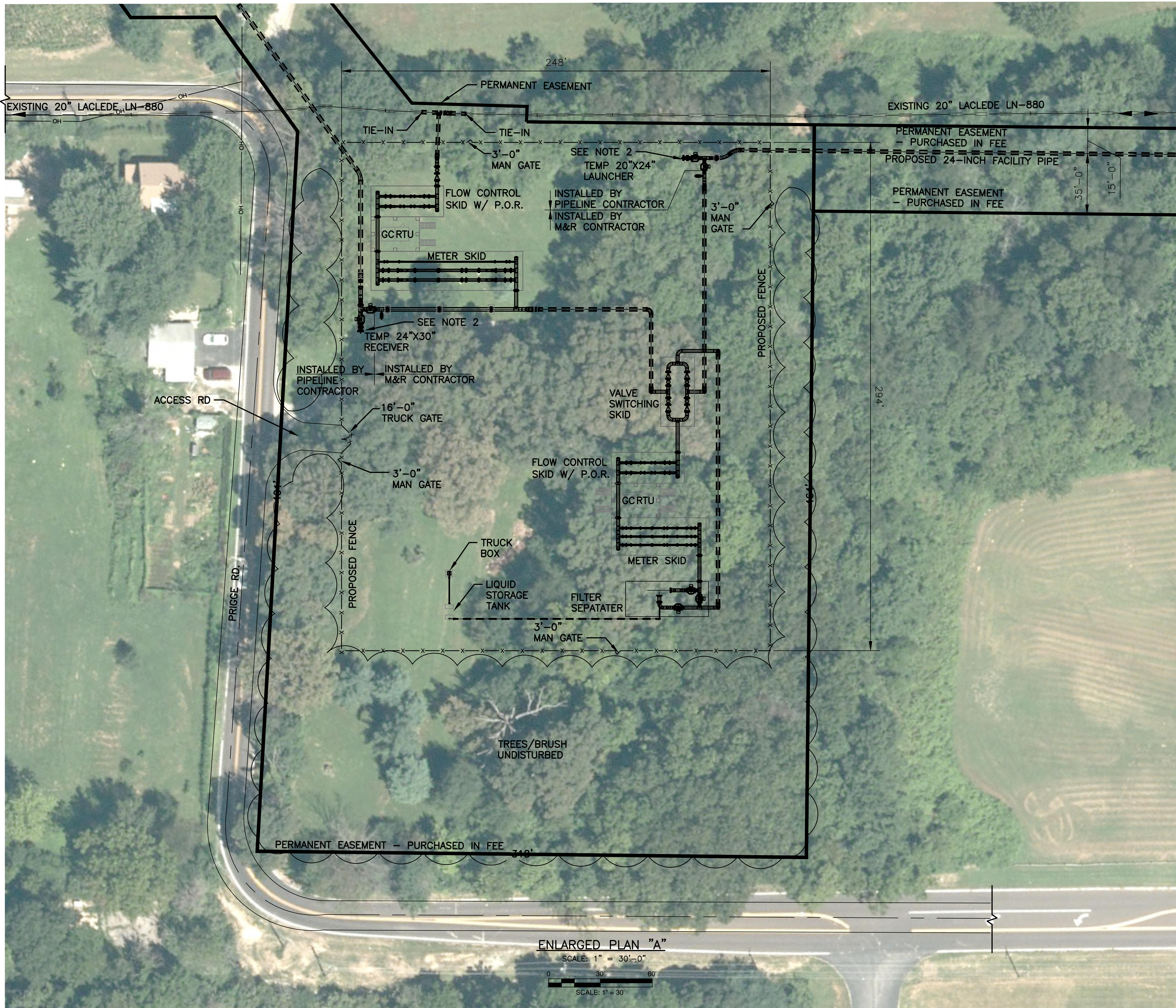
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2	05/2017	DER	AMENDMENT TO FERC	JJG	WRM
1	01/2017	BDP	ISSUED FOR FERC	JJG	WRM

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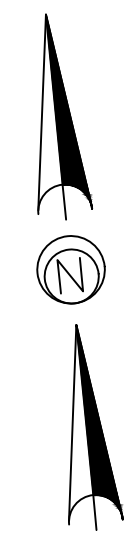
Designed	MM	Eng check	WRM
Drawn	BDP	Coordination	BWW
Dwg check	WRM	Approved	BWW
Scale at ARCH D	Status	Rev	Security
AS NOTED		3	
Drawing Number			
STL-M-200-0300			

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

G:\Spire\372453_STL\out\Plan\Facilities\MRT_Bidirectional_Station\Drawing\026_M_Plans_Sections_&_Details\STL-M-200-0301.dwg, Jul 5, 2017, 2:51PM PWT1604



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



NOTE:

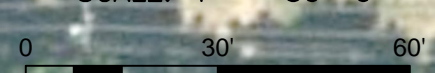
- 1) DETAILED DESIGN, DRAFTING AND FINAL ENGINEERING WILL BE BY ENGINEER/FABRICATOR.
- 2) PIPELINE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL PIPING RELATING TO TEMPORARY BARREL AND STATION ATTACHMENT. THE FABRICATED ASSEMBLY WILL BE PRE-FABRICATED BY OTHERS. PIPING ON THE M&R SIDE OF THE VALVES ARE 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

CLIENT

Spire STL Pipeline

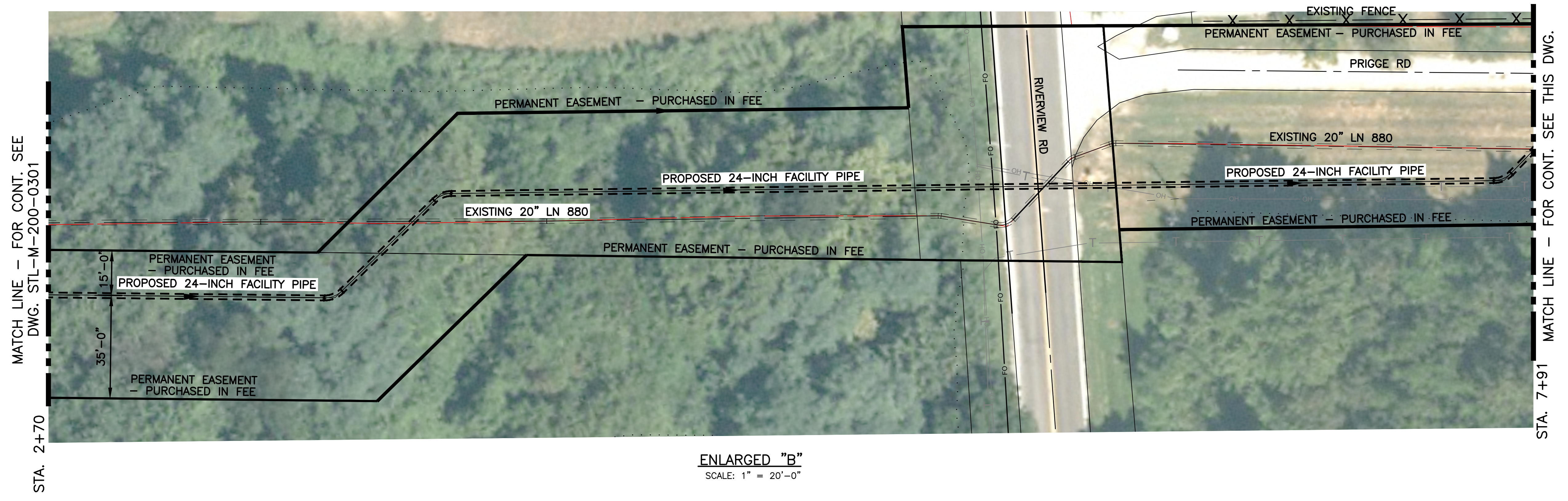
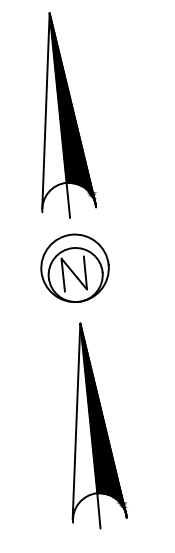
Rev	Date	Drawn	Description	Ch'k'd	App'd
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2	05/2017	DER	AMENDMENT TO FERC	JJG	WRM
1	01/2017	BDP	ISSUE FOR FERC	JJG	WRM

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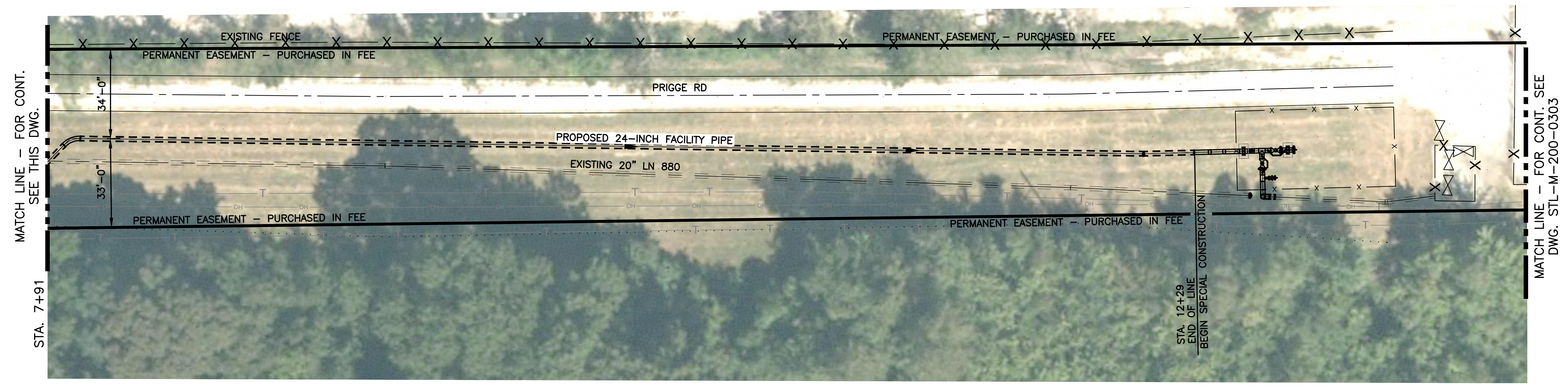
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Drawn	BDP	Coordination	BWW
Dwg check	WRM	Approved	BWW
Scale at ARCH D	Status	Rev	Security
AS NOTED		3	
Drawing Number		STL-M-200-0301	

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 —	OH POWER LINE
— T —	TELEPHONE LINE
— R —	PROPERTY LINE
— X — X —	EXISTING FENCE

SITE PLAN
CHAIN OF ROCKS - ENABLE/MRT
SCALE: 1" = 20'-0"
0 20' 40'
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