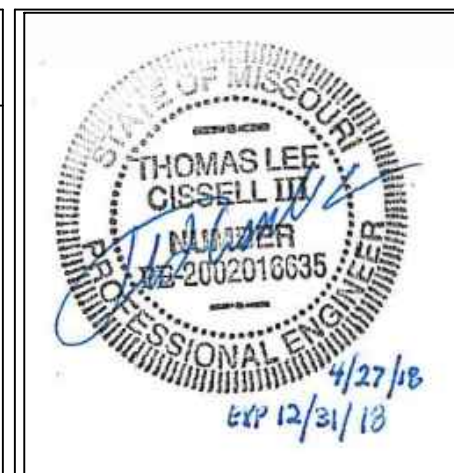


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CERTIFICATE OF AUTHORITY:
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Collinsville St. Louis Belleville St. Charles

MISSOURI DESIGN FIRM LICENSE NO.: 001166
--

GRADING DETAILS

Approved: Project Director

ST. LOUIS, MO

Date
04/25/2018

Checked
TLC

Drawn

JRD

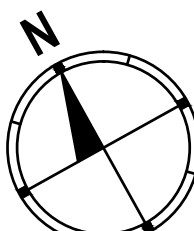
Building Number
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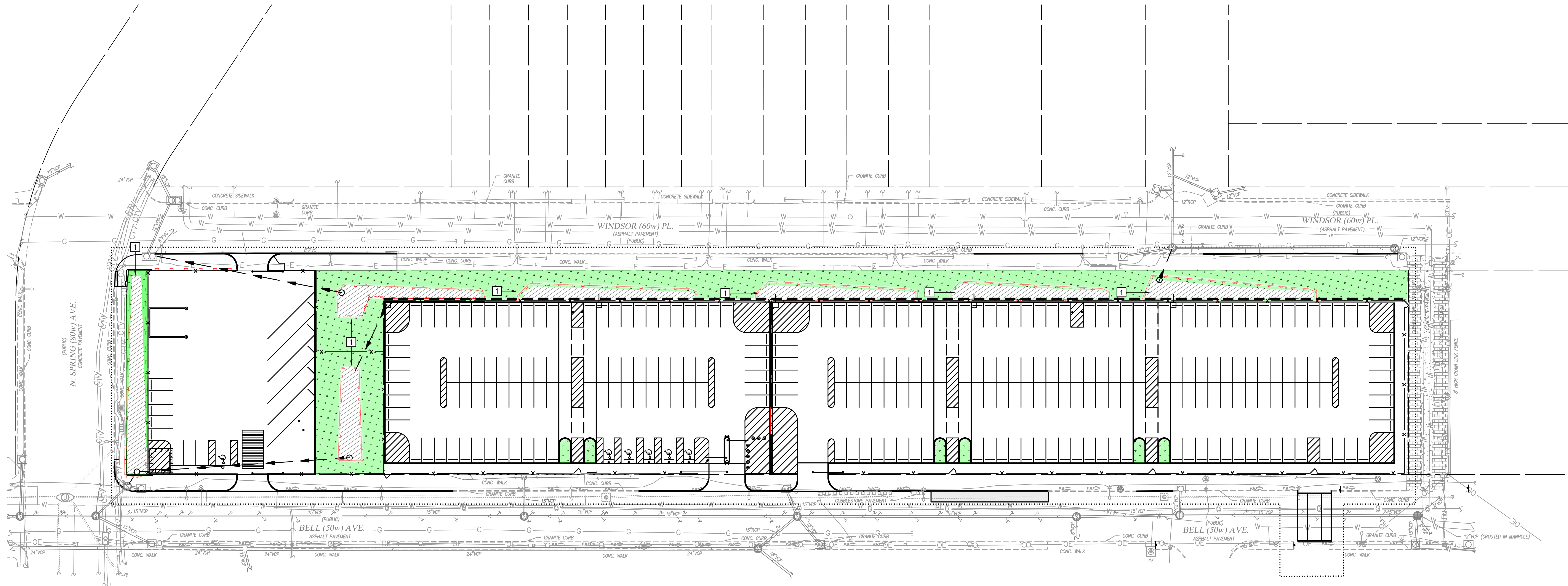
C4.4

**VETERANS
HEALTH
ADMINISTRATION**





SCALE: 1" = 30'



EROSION CONTROL LEGEND

- NEW PERIMETER EROSION BARRIER, SEE DETAIL 1 ON C5.3
- NEW STABILIZED CONSTRUCTION ENTRANCE, SEE DETAIL 2 ON C5.3
- NEW SOD / LANDSCAPING - SEE LANDSCAPING PLANS
- NEW BIOSWALE - SEE LANDSCAPING PLANS
- NEW TEMPORARY CONCRETE WASHOUT SEDIMENT BASIN, SEE DETAIL 3 ON C5.3
- BIOSWALE AREA
- OVERDIG EDGE OF BIOSWALE IN ORDER TO KEEP SEDIMENTATION FROM ENTERING STORM SEWER.

EROSION CONTROL PLAN NOTES

- ALL EROSION CONTROL ITEMS SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE LOCAL GOVERNING BODIES.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED TO PREVENT STORM WATER RUNOFF FROM THE SITE. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- ALL TRUCKS MUST BE WASHED DOWN PRIOR TO LEAVING THE SITE.
- CONTRACTOR SHALL ACCESS THE SITE FROM BELL AVE.
- OVERDIG EDGE OF BIOSWALE IN ORDER TO KEEP SEDIMENTATION FROM ENTERING STORM SEWER.

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Drawing Title

EROSION CONTROL PLAN

Approved: Project Director

Project Title

VASTLHCS DEMOLISH
SEXTRO WAREHOUSE
JOHN COCHRAN DIVISION

Location

ST. LOUIS, MO

Date

04/25/2018

Checked

TLC

Drawn

JRD

Project Number

657-CSI-603JC

Building Number

30

Drawing Number

C5.2

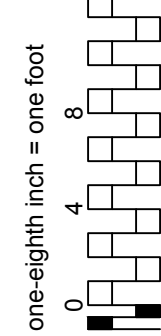
Dwg. 30 -OF- 54

BID DOCUMENTS

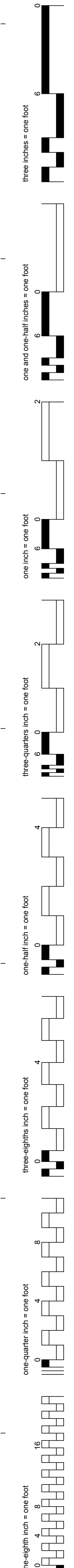
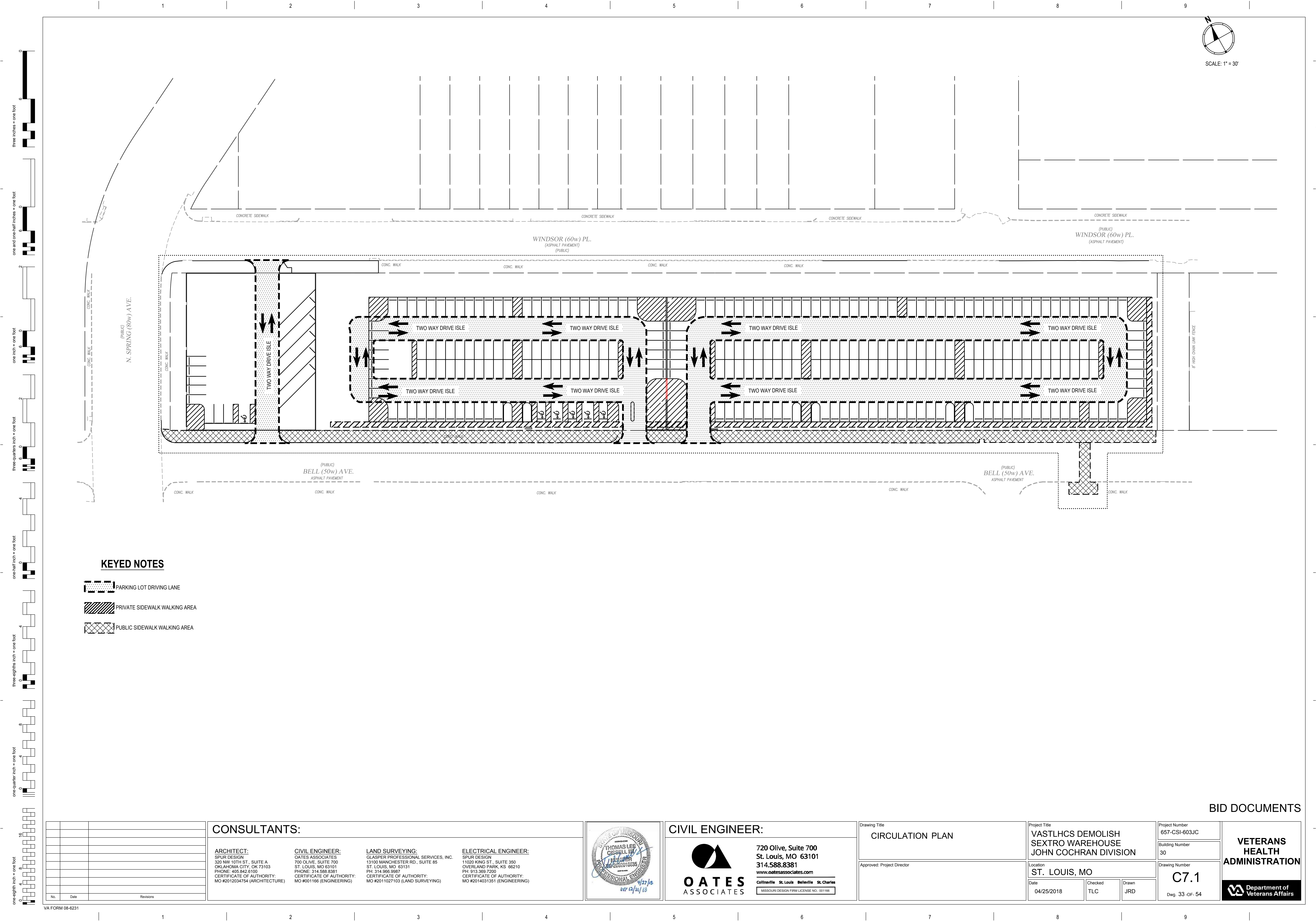
VETERANS HEALTH ADMINISTRATION

Department of Veterans Affairs





Department of
Veterans Affairs



KEYED NOTES

- PARKING LOT DRIVING LANE
- PRIVATE SIDEWALK WALKING AREA
- PUBLIC SIDEWALK WALKING AREA

No.	Date	Revisions

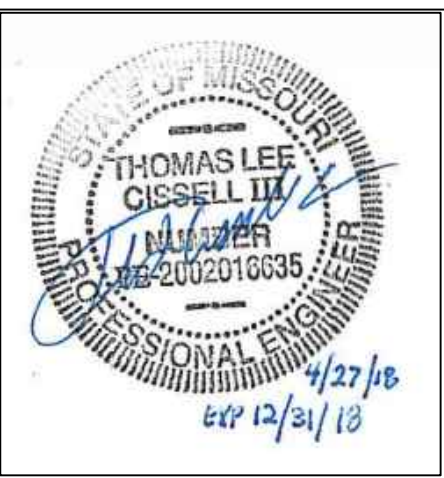
CONSULTANTS:

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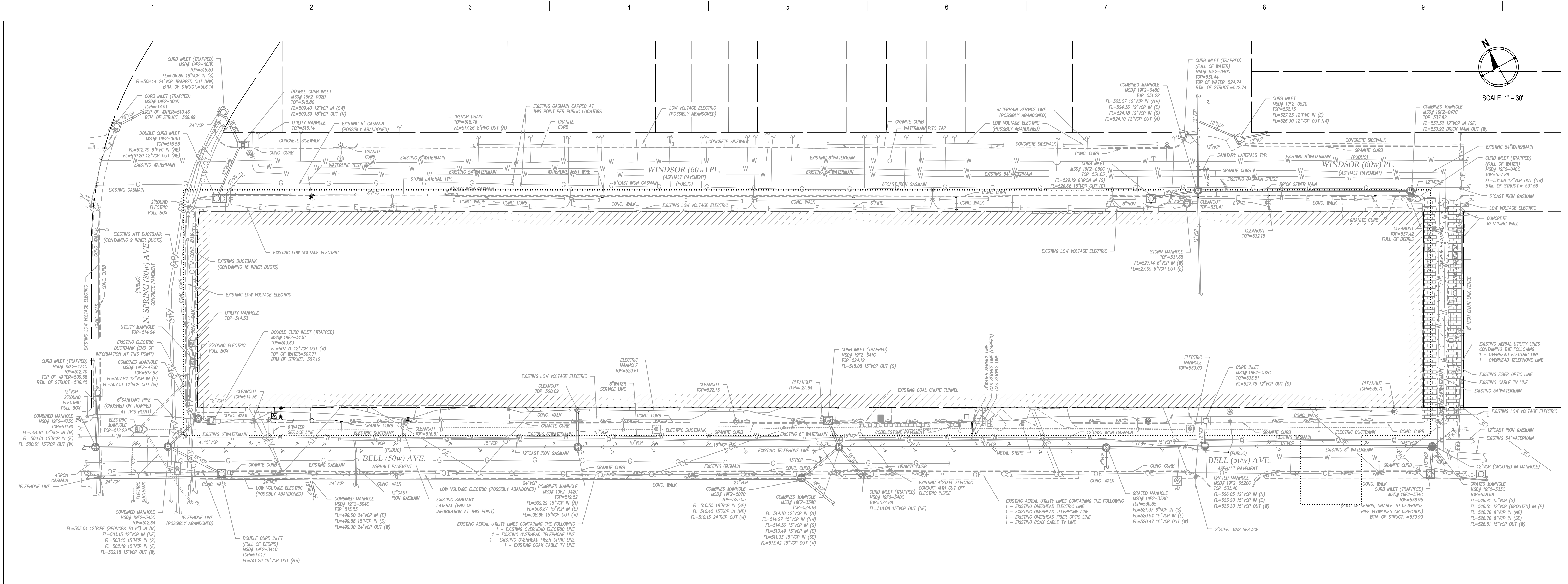


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Drawing Title CIRCULATION PLAN		Project Title VASTLHCS DEMOLISH SEXTRO WAREHOUSE JOHN COCHRAN DIVISION		Project Number 657-CSI-603JC		VETERANS HEALTH ADMINISTRATION
Approved: Project Director		Location ST. LOUIS, MO		Building Number 30		
				Drawing Number C7.1		
Date 04/25/2018		Checked TLC	Drawn JRD	Dwg. 33-Of- 54		 Department of Veterans Affairs



EXISTING CONDITIONS

Existing Drainage Basin Areas and Runoff Computations John Cochran Center VA - Sextro Warehouse Parking Lot Metropolitan St. Louis Sewer District March 30, 2018					
20 yr, 20 minute Storm					
Inlet ID	Basin Area	Basin Area	Impervious	PI	Total Known Q
	SF	ACRES	%		CFS
1A			CLOSED LID MANHOLE		
2A			CLOSED LID MANHOLE		
3A			CLOSED LID MANHOLE		
4A	22500	0.52	100	3.70	1.91
5A	930	0.02	100	3.70	0.08
6A	6200	0.14	100	3.70	0.53
7A	26900	0.62	95	3.60	2.22
8A	28534	0.66	100	3.70	2.42
Total Area	85064	1.95	99	3.68	7.19

Existing Drainage Basin Areas and Runoff Computations John Cochran Center VA - Sextro Warehouse Parking Lot Metropolitan St. Louis Sewer District March 30, 2018					
20 yr, 20 minute Storm					
Inlet ID	Basin Area	Basin Area	Impervious	PI	Total Known Q
	SF	ACRES	%		CFS
1B	12100	0.28	80	3.29	0.91
2B	65000	1.49	70	3.10	4.63
3B	34502	0.79	100	3.70	2.93
4B			CLOSED LID MANHOLE		
5B	17017	0.39	100	3.70	1.45
6B	26876	0.62	100	3.70	2.28
Total Area	155495	3.57	86	3.42	12.20

Existing Drainage Basin Areas and Runoff Computations John Cochran Center VA - Sextro Warehouse Parking Lot Metropolitan St. Louis Sewer District March 30, 2018					
20 yr, 20 minute Storm					
Inlet ID	Basin Area	Basin Area	Impervious	PI	Total Known Q
	SF	ACRES	%		CFS
1C			CLOSED LID MANHOLE		
2C			CLOSED LID MANHOLE		
3C	15550	0.36	85	3.38	1.21
4C			CLOSED LID MANHOLE		
5C			CLOSED LID MANHOLE		
6C	13700	0.31	100	3.70	1.16
7C	55293	1.27	100	3.70	4.70
8C	8400	0.19	100	3.70	0.71
9C	13650	0.31	85	3.38	1.06
10C			CLOSED LID MANHOLE		
11C	7350	0.17	100	3.70	0.62
12C			CLOSED LID MANHOLE		
13C	1150	0.03	85	3.38	0.09
Total Area	115093	2.64	96	3.62	9.55

BID DOCUMENTS

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MISSOURI DESIGN FIRM LICENSE NO. 001166

Drawing Title

MSD EXISTING CONDITIONS

Approved: Project Director

Project Title

VASTLHCS DEMOLISH
SEXTRO WAREHOUSE
JOHN COCHRAN DIVISION

Location

ST. LOUIS, MO

Date

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Project Number

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Dwg. 34 -OF- 54

VETERANS HEALTH ADMINISTRATION

Department of Veterans Affairs

