TRADEBE
Environmental Services™

APPENDIX J

Certificate of Insurance

CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY) 12/30/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Aon Risk Services Central, Inc.
Chicago IL Office
200 East Randolph
Chicago IL 60601 USA

CONTACT NAME:
PHONE (A/C. No. Ext): (866) 283-7122 **FAX (A/C. No.):** (800) 363-0105
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A:	Everest Denali Insurance Co	16044
INSURER B:	Everest Premier Insurance Company	16045
INSURER C:	Indian Harbor Insurance Company	36940
INSURER D:	Everest National Insurance Co	10120
INSURER E:		
INSURER F:		

INSURED
Tradebe Environmental Services, LLC
1433 E 83rd Ave
Suite 200
Merrillville IN 46410 USA

COVERAGES **CERTIFICATE NUMBER:** 570097135397 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
C	X **COMMERCIAL GENERAL LIABILITY** CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY [X] PRO-JECT [ ] LOC OTHER:			US00077228LI23A	01/01/2023	07/01/2024	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$2,000,000 $300,000 $10,000 $2,000,000 $4,000,000 $4,000,000
A A	**AUTOMOBILE LIABILITY** X ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY SCHEDULED AUTOS NON-OWNED AUTOS ONLY			RM8CA00039-221 AOS RM8CA00062-221 MA	12/31/2022 12/31/2022	12/31/2023 12/31/2023	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$2,000,000
C	X **UMBRELLA LIAB** X OCCUR **EXCESS LIAB** CLAIMS-MADE DED X RETENTION $10,000			US00077229LI23A	01/01/2023	07/01/2024	EACH OCCURRENCE AGGREGATE	$2,000,000 $2,000,000
B B	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** Y/N ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? N **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		RM8WC00049221 AOS RM8WC00050221 FL, NJ, ME	12/31/2022 12/31/2022	12/31/2023 12/31/2023	X PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT	 $1,000,000 $1,000,000 $1,000,000
D	Excess Auto Lia			RM8GL00073-221	12/31/2022	12/31/2023	Each Occurrence	$3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Evidence of Insurance

CERTIFICATE HOLDER

Tradebe Environmental Services, LLC
1433 E 83rd Ave Suite 200
Merriville IN 46410 USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Risk Services Central Inc.

Holder Identifier :

Certificate No : 57009713539 7

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AGENCY CUSTOMER ID: 570000084433
LOC #:

ADDITIONAL REMARKS SCHEDULE

AGENCY	NAMED INSURED
Aon Risk Services Central, Inc.	Tradebe Environmental Services, LLC
POLICY NUMBER: See Certificate Number: 570097135397	
CARRIER: See Certificate Number: 570097135397 / NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER	
INSURER	
INSURER	
INSURER	

ADDITIONAL POLICIES If a policy below does not include limit information, refer to the corresponding policy on the ACORD certificate form for policy limits.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS	
	WORKERS COMPENSATION							
B		N/A		RM8WC00051221 MA, WI SIR applies per policy terms & conditions	12/31/2022	12/31/2023		

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AGENCY CUSTOMER ID: 570000084433

LOC #:

ADDITIONAL REMARKS SCHEDULE

AGENCY		NAMED INSURED
Aon Risk Services Central, Inc.		Tradebe Environmental Services, LLC
POLICY NUMBER		
See Certificate Number: 570097135397		
CARRIER	NAIC CODE	EFFECTIVE DATE:
See Certificate Number: 570097135397		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

Additional Named Insureds List

Tradebe Environmental Services, LLC
Tradebe Treatment and Recycling, LLC
Tradebe Treatment and Recycling Nashville, LLC
Tradebe Treatment and Recycling Wisconsin, LLC
Tradebe Treatment and Recycling Northeast, LLC
Norlite, LLC
Tradebe Transportation, LLC
Tradebe Thunderbird Trucking
Aaron Oil Company, LLC
International Hydrocarbon Services, LLC
Tradebe Industrial Services, LLC
Tradebe Treatment and Recycling of Baton Rouge, LLC
Tradebe Capital Corporation
Tradebe Treatment and Recycling of Tennessee, LLC
First Response, a Tradebe Company LLC
Tradebe Treatment and Recycling of Bridgeport, LLC
Tradebe Treatment and Recycling of Stoughton, LLC
Tradebe Treatment and Recycling of Northborough, LLC

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ADDITIONAL REMARKS SCHEDULE

AGENCY	NAMED INSURED
Aon Risk Services Central, Inc.	Tradebe Environmental Services, LLC
POLICY NUMBER: See Certificate Number: 570097135397	
CARRIER: See Certificate Number: 570097135397 / NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

Contractor's Pollution and Professional

Policy Type: Professional Liability and Contractors Pollution Liability, Claims-Made
Insurer Affording Coverage: Indian Harbor Insurance Company - SIR applies per the policy terms and conditions
Policy Number: PEC004703906
Effective Date: 12/31/2022
Expiration Date: 12/31/2023
Limit of Liability: $10,000,000 aggregate / $10,000,000 each pollution condition

Policy Type: Site Pollution Liability - Claims-Made - States / NY, CT and MA
Insurer Affording Coverage: Indian Harbor Insurance Company - SIR applies per the policy terms and conditions
Policy Number: PEC004563903
Effective Date: 12/31/2022
Expiration Date: 12/31/2023
Limit of Liability: $5,000,000 aggregate / $5,000,000 each pollution condition

Policy Type: Site Pollution Liability - Claims-Made - States / WI, TN and IN
Insurer Affording Coverage: Indian Harbor Insurance Company - SIR applies per the policy terms and conditions
Policy Number: PEC004563703
Effective Date: 12/31/2022
Expiration Date: 12/31/2023
Limit of Liability: $5,000,000 aggregate / $4,000,000 each pollution condition

Policy Type: Site Pollution Liability - Claims-Made
Insurer Affording Coverage: Indian Harbor Insurance Company - SIR applies per the policy terms and conditions
Policy Number: PEC000096408
Effective Date: 12/31/2022
Expiration Date: 12/31/2025
Limit of Liability: $5,000,000 aggregate / $5,000,000 each pollution condition

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TRADEBE
Environmental Services™

ATTACHMENT P

Engineering Certification

K P R C

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

September 18, 2020

Ms. Tita LaGrimas
Tradebe Environmental Services, LLC
1433 E. 83rd Avenue, Suite 200
Merrillville, IN 46410

Re: 5611 W. Hemlock Street Facility License Renewal
Professional Engineer Certification
Technical Information (NR 670.014(1))

Dear Ms. LaGrimas;

In accordance with Wisconsin Administrative Code (WAC) NR 670.014(1), I have reviewed the secondary containment calculations based on the proposed container storage layout in drawing number TTRWI-0006 associated with the operating permit renewal application for the Tradebe Treatment and Recycling of Wisconsin, LLC (Tradebe) Hazardous Waste Treatment and Storage Facility (TSDF) located at 5611 West Hemlock Street in Milwaukee, Wisconsin. I have determined that the information presented in the secondary containment calculations based on the proposed container storage layout in drawing number TTRWI-0006 are true and accurate. This review is limited to the secondary containment calculation spreadsheet titled "Mil 2nd Cont Haz Non Haz Drums 2.5ft 9112020.xlsx" (dated September 11, 2020) and drawings TTRWI-0006, TTRWI-0006W, TTRWI-0006E, and TTRWI-0006A3 (dated September 16, 2020) provided by Tradebe and kept on file at KPRG and Associates, Inc. This review in no way assumes responsibility for container storage implementation or design work performed by others.

I, Joshua Davenport, hereby certify that I am a registered professional engineer in the State of Wisconsin in accordance with Ch. A-E 4, WAC, and that this report has been prepared in accordance with the Rules of Professional Conduct in Ch. A-E 8, WAC.

Joshua Davenport
Senior Engineer
KPRG and Associates, Inc.
P.E. #40131-006

09-18-2020
Date

Seal



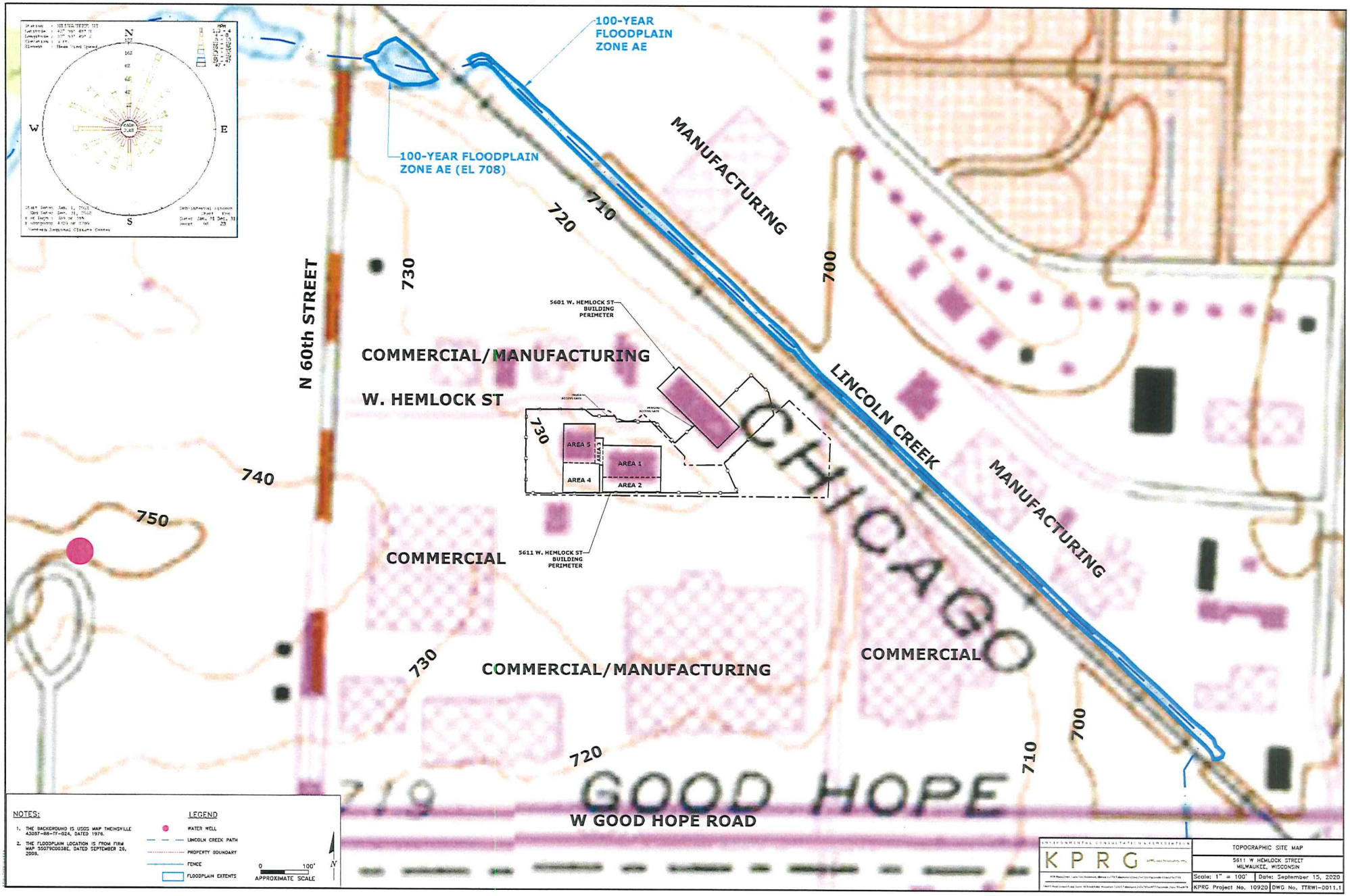
TRADEBE
Treatment and Recycling ™

ATTACHMENT Q

MISCELLANEOUS DRAWINGS

ATTACHMENT Q
MISCELLANEOUS DRAWINGS
Table of Contents

Appendix	Page
Q.1 Topographical Map	3
Q.2 Site Surveys	4
Q.3 Wind Rose	5
Q.4 National Flood FIRMette	6


100-YEAR FLOODPLAIN ZONE AE
100-YEAR FLOODPLAIN ZONE AE (EL 708)
MANUFACTURING
720
710
700
730
N 60th STREET
5601 W. HEMLOCK ST BUILDING PERIMETER
COMMERCIAL/MANUFACTURING
W. HEMLOCK ST
LINCOLN CREEK
AREA 5
AREA 3
AREA 1
AREA 4
AREA 2
740
750
5611 W. HEMLOCK ST BUILDING PERIMETER
COMMERCIAL
MANUFACTURING
CHICAGO
730
COMMERCIAL/MANUFACTURING
COMMERCIAL
720
710
700
GOOD HOPE
W GOOD HOPE ROAD
NOTES:
1. THE BACKGROUND IS USGS MAP THIENSVILLE 43087-R6-TF-024, DATED 1976.
2. THE FLOODPLAIN LOCATION IS FROM FIRM MAP 55079C0033E, DATED SEPTEMBER 26, 2008.
LEGEND
WATER WELL
LINCOLN CREEK PATH
PROPERTY BOUNDARY
FENCE
FLOODPLAIN EXTENTS
0
100'
APPROXIMATE SCALE
N
ENVIRONMENTAL CONSULTATION & REMEDIATION
KPRG
TOPOGRAPHIC SITE MAP
5611 W HEMLOCK STREET
MILWAUKEE, WISCONSIN
Scale: 1" = 100'
Date: September 15, 2020
KPRG Project No. 10920
DWG No. TTRWI-0011.1

3

BADGER BLUEPRINT COMPANY, INC.
(262) 542-8200

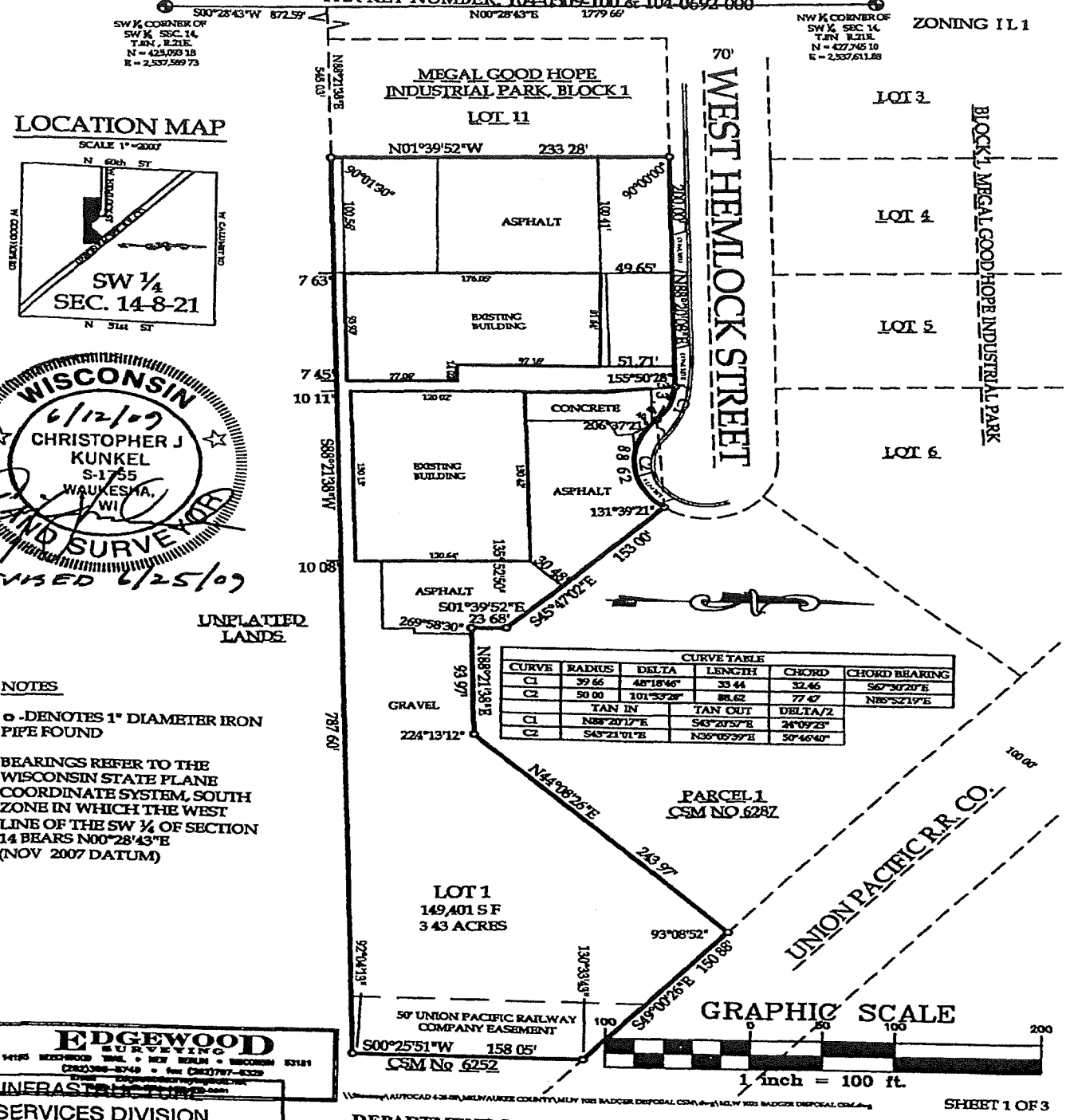
DCD # 2758

FORM BBC-101

CERTIFIED SURVEY MAP NO. 8176

BEING ALL OF LOTS 9 AND 10 IN BLOCK 1 OF MEGAL GOOD HOPE INDUSTRIAL PARK, AND PARCEL 2 OF CERTIFIED SURVEY MAP NO 6287, BEING A PART OF THE SOUTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 14, TOWN 8 NORTH, RANGE 21 EAST, IN THE CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

TAX KEY NUMBER 104-0509-100 & 104-0692-000



LOCATION MAP
SCALE 1" = 2000'

CURVE TABLE					
CURVE	RADIUS	DELTA	LENGTH	CHORD	CHORD BEARING
C1	39.66	48°18'46"	33.44	32.46	S67°30'20"E
C2	50.00	101°53'28"	88.92	77.67	N85°52'19"E
	TAN IN		TAN OUT	DELTA/2	
C1	N88°20'17"E		S43°28'57"E	24°09'23"	
C2	S43°21'01"E		N35°05'39"E	50°46'40"	

NOTES

o -DENOTES 1" DIAMETER IRON PIPE FOUND

BEARINGS REFER TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE IN WHICH THE WEST LINE OF THE SW ¼ OF SECTION 14 BEARS N00°28'43"E (NOV 2007 DATUM)

WISCONSIN
6/12/09
CHRISTOPHER J KUNKEL
S-1755
WAUKESHA, WI
LAND SURVEYOR

REVISED 6/25/09

EDGEWOOD SURVEYING
14195 EDGEWOOD TRAIL • NEW BERLIN • WISCONSIN 53151
(262)786-8749 • fax (262)797-8329

INFRASTRUCTURE SERVICES DIVISION
Jamie Lindholm 7/20/09
CENTRAL DRAFTING & RECORDS MANAGER
T.J. Martin
ENGR IN CHARGE
ENVIRON. ENGR 7/17/09
CORRECT
CITY ENGINEER 7/20/09
APPROVED

DEPARTMENT OF CITY DEVELOPMENT
CITY OF MILWAUKEE
JUN 19 2009
STAFF APPROVED

SHEET 1 OF 3

BADGER
BLUEPRINT
COMPANY, INC.
(262) 542-8200

DCD # 2758

FORM BBC-101

CERTIFIED SURVEY MAP NO. 8176

BEING ALL OF LOTS 9 AND 10 IN BLOCK 1 OF MEGAL GOOD HOPE INDUSTRIAL PARK, AND PARCEL 2 OF CERTIFIED SURVEY MAP NO 6287, BEING A PART OF THE SOUTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 14, TOWN 8 NORTH, RANGE 21 EAST, IN THE CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

SURVEYOR'S CERTIFICATE
STATE OF WISCONSIN) SS
MILWAUKEE COUNTY)

I Christopher J. Kunkel, Registered Land Surveyor, do hereby certify: that I have surveyed, divided, and mapped ALL OF LOTS 9 AND 10 IN BLOCK 1 OF MEGAL GOOD HOPE INDUSTRIAL PARK, AND PARCEL 2 OF CERTIFIED SURVEY MAP NO. 6287, BEING A PART OF THE SOUTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 14, TOWN 8 NORTH, RANGE 21 EAST, IN THE CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN, bounded and described as follows. Commencing at the Southwest corner of said ¼ section, thence N00°28'43"E, 872 59 feet, thence N88°21'38"E, 545 03 feet to the point of beginning; thence N01°39'52"W, 233 28 feet to the southerly line of West Hemlock Street; thence N88°20'08"E along said line, 200 00 feet, thence 33 44 feet along and arc of a circle whose center is to the right whose radius is 39 66 feet and whose chord bears S67°30'20"E, 32 46 feet, thence 88 62 feet along an arc of a circle whose center is to the left whose radius is 50 00 feet and whose chord bears N85°52'19"E, 77 47 feet, thence S45°47'02"E, 153 00 feet, thence S01°39'52"E, 23.68 feet, thence N88°21'38"E, 93 97 feet; thence N44°08'26"E, 243 97 feet to the southwesterly right-of-way of the Union Pacific R R Co, thence S49°00'26"E along said line, 150 88 feet; thence S00°25'51"W, 158 05 feet, thence S88°21'38"W, 787 60 feet; to the point of beginning

THAT I have made this survey, land division and map by the direction of BADGER INVESTMENT REALTY LLC, owner of said land

THAT such map is a correct representation of all exterior boundaries of the land surveyed and the land division therof made

THAT I have fully complied with the provisions of Chapter 236 of the Wisconsin Statutes and Chapter 119 of the Milwaukee Code of Ordinances in surveying, dividing, and mapping the same

DOC.# 09776501

REGISTER'S OFFICE | SS
Milwaukee County, WI

RECORDED 08/06/2009 10:55AM
Rec# 7170
JOHN LA FAVE
REGISTER OF DEEDS
AMOUNT 15.00
FEE EXEMPT 77.25 # 0

WISCONSIN
6/12/07
CHRISTOPHER J. KUNKEL
S-1755
WAUKESHA, WI
LAND SURVEYOR
REVISED 7/25/07

Christopher J. Kunkel RLS-1755

CORPORATE OWNERS CERTIFICATE
BADGER INVESTMENT REALTY LLC, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, certifies that said corporation caused the land described on this map to be surveyed, divided, mapped and dedicated as represented on this map in accordance with the requirementsof Chapter 119 of the Milwaukee Code of Ordinances

In consideration of the approval of the map by the Common Council and in accordance with Chapter 119 of the Milwaukee Code, the undersigned agrees

a That all utility lines to provide electric power and telephone services and cable television or communication systems lines or cables to all lots in the certified survey map shall be installed underground in easements provided therefore, where feasible

This agreement shall be binding on the undersigned and assigns.

In Witness Where of, the BADGER INVETMENT REALTY LLC has caused these presents to be signed by Henry J Kunz, its OWNER; and countersigned by _____, its _____, at _____, this 7 day of July, 2009.

EDGEWOOD SURVEYING
14185 EDGEWOOD TRAIL • NEW BERLIN • WISCONSIN 53151
(262) 366-8748 • fax (262) 787-4339
Email Edgewoodsurveying@att.net
www.edgewoodsurveying.com

\\Sitecomp\AUTOCAD 4-25-08\MILWAUKEE COUNTY\MLW-1021 BADGER DISPOSAL CSM\dwg\MLW-1021 BADGER DISPOSAL CSM.dwg

BADGER
BLUEPRINT
COMPANY, INC.
(262) 542-8200

DCO # 2758

FORM BBC-101

CERTIFIED SURVEY MAP NO. 8176

BEING ALL OF LOTS 9 AND 10 IN BLOCK 1 OF MEGAL GOOD HOPE INDUSTRIAL PARK, AND PARCEL 2 OF CERTIFIED SURVEY MAP NO 6287, BEING A PART OF THE SOUTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 14, TOWN 8 NORTH, RANGE 21 EAST, IN THE CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

In the presence of:

(Witness)

(Witness)

BADGER INVESTMENT REALTY LLC

(Print name) Henry J Krier

(Print name)

STATE OF WISCONSIN)
MILWAUKEE COUNTY) SS

Personally came before me this 8th day of July, 2009,
Henry Krier, _____ and _____, _____ of the above named corporation, to me known as the persons who executed the foregoing instrument, and to me known to be the owner and _____ of the corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of the corporation, by its authority

(Notary Seal)

NOTARY PUBLIC
JAMES E HAGGITH III
STATE OF WISCONSIN

Notary Public
State of Wisconsin
My commission expires July 15th, 2013
My commission is permanent

COMMON COUNCIL CERTIFICATE OF APPROVAL

I certify that this certified survey map was approved under Resolution File No. 090407
Adopted by the Common Council of the City of Milwaukee on July 28, 2009

Ronald D. Leonhardt, City Clerk

Tom Barrett, Mayor

CERTIFICATE OF CITY TREASURER

STATE OF WISCONSIN)
MILWAUKEE COUNTY) SS

I, Wayne F. Whittow, being the duly elected, qualified and acting City Treasurer of the City of Milwaukee, certify that in accordance with the records in the office of the City Treasure on the City of Milwakee there are no unpaid taxes of unpaid special assessments on the land included in this Certified Survey Map

Date: 07-21-09

Wayne F. Whittow

WISCONSIN
6/12/09
CHRISTOPHER J KUNKEL
S-1755
WAUKESHA, WI

REVISED 6/25/09

EDGEWOOD SURVEYING
14195 BIRCHWOOD TRAIL • NEW BERLIN • WISCONSIN 53151
(262)786-5748 • Fax: (262)797-6328
Email: Edgewoodsurveying@att.net
www.edgewoodsurveying.com

\\Sdcsmp\AUTOCAD 6-25-09\MILWAUKEE COUNTY\MLW-1021 BADGER DISPOSAL CSM\dwg\MLW-1021 BADGER DISPOSAL CSM.dwg

SHEET 3 OF 3

UNOFFICIAL COPY

DCD 1817

REEL 3929 IMAG 1290

CERTIFIED SURVEY MAP No. 6287

Being a Redivision of Parcel 1 and 2 of C.S.M. No. 1305, part of the Southwest 1/4 of the Southwest 1/4 of Section 14, Township 8 North, Range 21 east in the City of Milwaukee, Milwaukee County, Wisconsin.

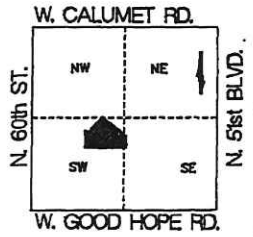
TAX KEY NO. 104-0601, 0602 ZONING: I/D/40

- O – Found 1" dia. iron pipe.
- ● – Set 1" dia. iron pipe – 24" long weighing 1.13# per lin. ft.
- All dimensions shown are measured to the nearest hundredth of a foot.
- All bearings shown are referenced to the West line of the SW 1/4, Sec. 14, T. 8 N., R. 21 E., whose assumed bearing is N 02°07'15" E.

LAND INFORMATION SERVICES
ENGINEERS, SURVEYORS & CONSULTANTS

0 50 100
1 inch = 100 ft.

VICINITY MAP
SCALE 1" = 2000'



SW 1/4 Sec. 14, T. 8 N., R.21 E.

ANGLE NO.	ANGLE
A	65°50'28"
B	90°01'30"
C	92°04'13"
D	130°33'43"
E	93°08'52"
F	181°15'23"
G	247°05'51"

CALUMET TRACT

FD 1" IP NE'ly Corner Parcel 2, C.S.M. #1305

N 45°46'58" E 286.80

16' SEWER EASEMENT

S 47°21'54" E 285.33'

UNION PACIFIC R.R. CO.

MEGAL GOOD HOPE INDUSTRIAL PARK

WEST HEMLOCK STREET

PARCEL 1
79,176 s.f.
1.8176 acres

CONCRETE BLOCK BLDG

436.21

100.0'

150.88'

S 44°08'30" E 153.00

S 00°01'20" E 243.97

N 45°46'58" E 243.97

PARCEL 2
102,737 s.f.
2.3585 acres

BLOCK 1

N 00°01'20" W 233.37'

MASONRY BLDG

S 00°01'20" E 23.68'

S 89°59'50" E 93.97

60' UNION PACIFIC RAILWAY COMPANY EASEMENT

S 02°04'23" W 158.05'

S 89°59'50" E 745.03'

587.60

N 89°59'50" W

SW CORNER PAR. 1, C.M.S. 1305

UNPLATTED LANDS

UNPLATTED LANDS

N 02°07'15" E 872.59'

N 60th ST.

FOUND CONC. MON. WITH BRASS CAP – SW COR OF SW 1/4 SEC 14, T 8 N, R 21 E.

GOOD HOPE ROAD

ARC #	ARC LENGTH	CHORD LENGTH	CHRD BEARING	RADIUS	Δ	Δ/2
1	33.45	32.46	S 65°51'48" E	39.66'	48°19'04"	24°09'32"
2	88.83	77.47	N 87°30'51" E	50.00'	101°48'46"	50°46'53"
3	70.84	64.91	N 03°44'32" W	50.00'	80°57'00"	40°28'30"
4	159.27	99.98	N 47°02'21" E	50.00'	182°30'48"	91°15'23"

DEPT. OF CITY DEVELOPMENT OF MILWAUKEE
OCT 1 4 1996
STAFF APPROVED

WISCONSIN MARK L. WERTZ S-1915 LAND SURVEYOR

INFRASTRUCTURE SERVICES DIVISION
CHIEF DRAFTSMAN 10-24-96
ENG. IN CHARGE 10/22/96 ENVIRON. ENG.
CORRECT
CITY ENGINEER 10/24/96
APPROVED

THIS INSTRUMENT WAS DRAFTED BY MARK L. WERTZ, S–1915 SHEET 1 OF 4

16 DD

UNOFFICIAL COPY

DCD 1817

REEL 3929 IMAG 1291

CERTIFIED SURVEY MAP No. 6287

Being a Redivision of Parcel 1 and 2 of C.S.M. No. 1305, part of the Southwest 1/4 of the Southwest 1/4 of Section 14, Township 8 North, Range 21 east in the City of Milwaukee, Milwaukee County, Wisconsin.

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN) SS
MILWAUKEE COUNTY)

I, MARK L. WERTZ, Registered Land Surveyor, hereby certify:
That I have surveyed, divided and mapped a redivision of Parcel 1 and Parcel 2 of C.S.M. No. 1305, in the Southwest 1/4 of the Southwest 1/4 of Section 14, Township 8 North, Range 21 East, in the City of Milwaukee, Milwaukee County, Wisconsin, bounded and described cs follows:

Commencing at the Southwest corner of the said 1/4 Section; thence N 02°07'15" E, on the West line of the said 1/4 Section, 872.59 feet to a point; thence S 89°59'50" E, and parallel to the South line of the said 1/4 Section, 745.03 feet to the Southwest corner of Parcel 1 of C.S.M. No. 1305; being also the place of beginning of the land to be described; thence N 00°01'20" W, along the West line of said Parcel 1, 233.37 feet to a point; thence Southeasterly 33.45 feet, along the arc of a curve whose radius is 39.66 feet with its center lying to the south, having a central angle of 48°19'04" and whose chord bears S 65°51'48" E, 32.46 feet to a point of reverse curve; thence southeasterly, 159.27 feet along the arc of a curve whose radius in 50.00 feet with its center lying to the north having a central angle of 182°30'46" and whose chord bears N 47°02'21" E, 99.98 feet; thence N 45°46'58" E to the North-easterly corner of Parcel 2 of said C.S.M. No. 1305, 236.80 feet to a point; thence S 47°21'54" E along the Northeasterly line of said Parcel 2, 436.21 feet to a point; thence S 02°04'23" W, along the Easterly line of said Parcel 2, 158.05 feet to a point; thence N 89°59'50" W along the South line of said Parcels 1 and 2, 587.60 feet to the place of beginning.

RECEIVED
MAY 24 1995
DEPT. OF
City Development

THAT I have made the survey, land division and map by the direction of the MEAGAL DEVELOPMENT CORPORATION and VK INVESTMENTS.

THAT such map is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made.

THAT I have fully complied with the provisions of Chapter 236 of the Wisconsin Statutes and Chapter 119 of the Milwaukee Code of Ordinances in Surveying, dividing and mapping the same.

Dated this 23rd day of OCTOBER, 1995

WISCONSIN MARK L. WERTZ S-1915 Milwaukee, Wis. LAND SURVEYOR

Mark L. Wertz
MARK L. WERTZ
REGISTERED LAND SURVEYOR, S-1915

THIS INSTRUMENT WAS DRAFTED BY MARK L. WERTZ, S-1915

UNOFFICIAL COPY

DCD 1817

REEL 3929 IMAG 1292

CERTIFIED SURVEY MAP No. 6287

Being a Redivision of Parcel 1 and 2 of C.S.M. No. 1305, part of the Southwest 1/4 of the Southwest 1/4 of Section 14, Township 8 North, Range 21 east in the City of Milwaukee, Milwaukee County, Wisconsin.

CORPORATE OWNER'S CERTIFICATE

MEGAL DEVELOPMENT CORPORATION, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner of Parcel 1 and VWK Investments, a general partnership as owner of Parcel 2, hereby certify that they caused the land described on this map to be surveyed, divided, and mapped as represented on this map in accordance with the requirements of Chapter 119 of the City of Milwaukee Code of Ordinances.

In consideration of the approval of the map by the Common Council and in accordance with Chapter 119 of the Milwaukee Code, the undersigned agrees:

THAT all utility lines to provide electric power and telephone service and cable television or communications systems lines or cables to all Parcels in the Certified Survey Map shall be installed underground in easements provided therefore where feasible.

THIS agreement shall be binding on the undersigned and assigns.

IN WITNESS WHEREOF, the MEGAL DEVELOPMENT CORPORATION has caused these presents to be signed by RHODY J. MEGAL, its President and countersigned by MICHAEL C. CHMURSKI, its Secretary at Brookfield, Wisconsin and the said VWK INVESTMENTS has caused these presents to be signed by MICHAEL VILIONE AND HENRY J. KRIER, its General Partners at Milwaukee, Wisconsin.

IN PRESENCE OF:

Witness 8-30-95 Date

Witness 8-30-95 Date

MEGAL DEVELOPMENT CORPORATION

Rhody J. Megal, its President 8-30-95 Date

Michael C. Chmurski, its Secretary 8-30-95 Date

Witness 8-30-95 Date

Witness 8-30-95 Date

VWK INVESTMENTS

Michael Vilione, General Partner 8-30-95 Date

Henry J. Krier, General Partner 8-30-95 Date

STATE OF WISCONSIN)
SS
MILWAUKEE COUNTY)

PERSONALLY came before me this 30 day of AUGUST, 1995 Rhody J. Megal, President and Michael C. Chmurski, Secretary, of the above named MEGAL DEVELOPMENT CORPORATION, to me known to be the persons who executed the foregoing instrument and to me known to be such President and Secretary of said Corporation and aknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

GEORGE BREU

Notary Public, State of Wisconsin
My Commission Expires: 8/19/98
~~My Commission is Permanent~~

WISCONSIN MARK L. WERTZ S-1915 Milwaukee, Wis. LAND SURVEYOR

THIS INSTRUMENT WAS DRAFTED BY MARK L. WERTZ, S-1915

SHEET 3 OF 4

UNOFFICIAL COPY

DCD 1817

REEL 3929 IMAG 1293

CERTIFIED SURVEY MAP No. 6287

Being a Redivision of Parcel 1 and 2 of C.S.M. No. 1305, part of the Southwest 1/4 of the Southwest 1/4 of Section 14, Township 8 North, Range 21 east in the City of Milwaukee, Milwaukee County, Wisconsin.

CORPORATE OWNER'S CERTIFICATE(con't)

STATE OF WISCONSIN)
SS
MILWAUKEE COUNTY)

PERSONALLY came before me this 30TH day of AUGUST, 1995, Michael Vilone and Henry J. Krier, to me known to be the persons who executed the foregoing instrument and to me known to be the General Partners of VWK Investments and acknowledged that they executed the foregoing instrument as partners of said partnership, by its authority.

George Breu George Breu

Notary Public, State of Wisconsin,
My Commission Expires 8/9/98
My Commission is Permanent.

7291626

REGISTER'S OFFICE } SS
Milwaukee County, WI
RECORDED AT 10 50 AM

NOV 18 1996

REEL 3929 IMAGE 1290 to 1293 incl.

REGISTER OF DEEDS

CERTIFICATE OF CITY TREASURER

STATE OF WISCONSIN)
MILWAUKEE COUNTY) SS

I, WAYNE F. WHITTOW, being the duly elected, qualified and acting City Treasurer of the City of Milwaukee, do hereby certify that in accordance with the records in the office of the City Treasurer of the City of Milwaukee, there are no delinquent taxes and that the method of payment of any special assessments relating to the land included in this Certified Survey Map has been agreed upon between the owner and the City of Milwaukee.

7291626 #
RECORD 15.00

Dated this 28th day of October, 1996.

Wayne F. Whittow
WAYNE F. WHITTOW, City Treasurer

COMMON COUNCIL CERTIFICATE OF APPROVAL

I HEREBY certify that this Certified Survey Map was approved under Resolution File No. 961114, adopted by the Common Council of the City of Milwaukee on this 4th day of November, 1996.

Ronald D. Leonhardt
RONALD D. LEONHARDT, City Clerk

John O. Norquist
JOHN O. NORQUIST, Mayor

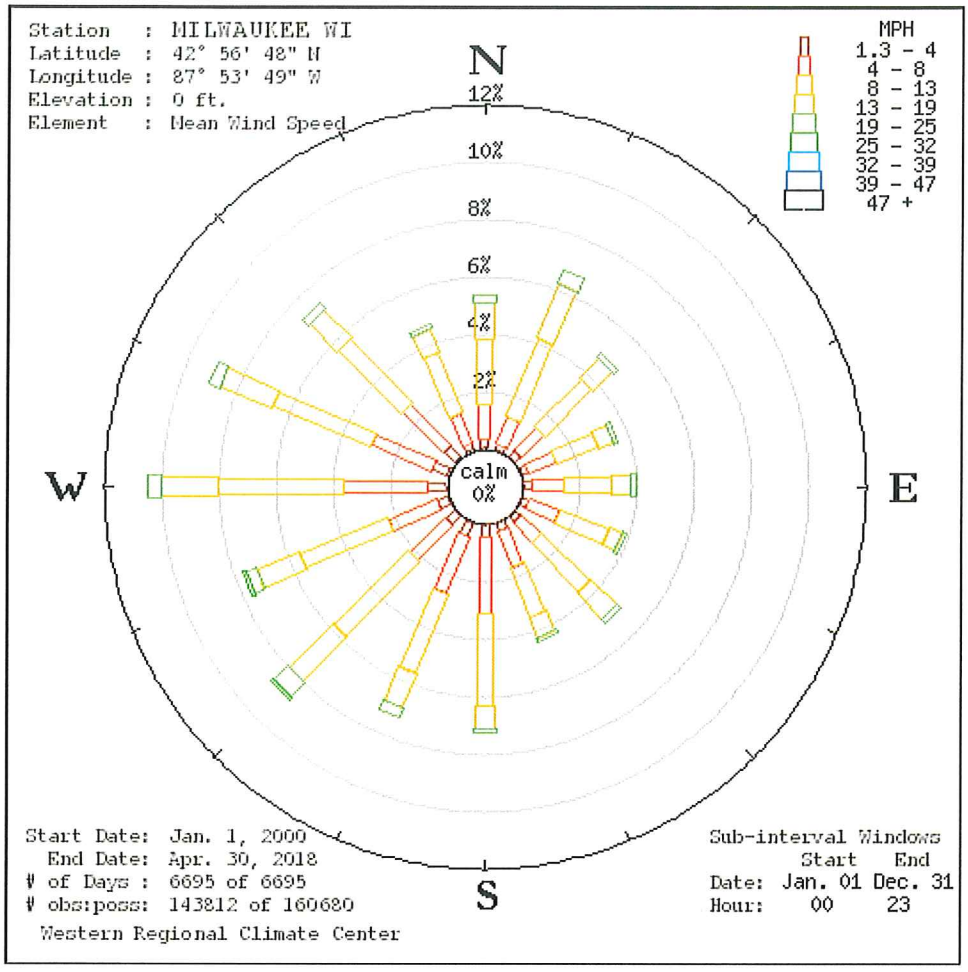
WISCONSIN
MARK L. WERTZ
S-1915
Milwaukee, Wis.
LAND SURVEYOR

Mark L. Wertz

THIS INSTRUMENT WAS DRAFTED BY MARK L. WERTZ, S-1915

SHEET 4 OF 4

MILWAUKEE WI



MILWAUKEE WI - Wind Frequency Table (percentage)

Latitude : 42° 56' 48" N
Longitude : 87° 53' 49" W
Elevation : 0 ft.
Element : Mean Wind Speed

Start Date : Jan. 1, 2000
End Date : Apr. 30, 2018
# of Days : 6695 of 6695
obs : poss : 143812 of 160680

Sub Interval Windows

	Start	End
Date	Jan. 01	Dec. 31
Hour	00	23

(Greater than or equal to initial interval value and Less than ending interval value.)

Range (mph)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
1.3 - 4	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.4	0.6	0.5	0.5	0.2	5.6
4 - 8	1.2	1.0	1.1	1.0	1.2	1.1	1.0	1.4	2.6	2.1	1.7	1.8	2.9	2.3	2.0	1.1	25.6
8 - 13	2.3	2.9	2.3	1.6	1.7	1.9	2.4	1.8	3.2	3.0	3.7	3.3	4.4	3.7	3.1	2.3	43.5
13 - 19	1.2	2.0	0.9	0.6	0.6	0.5	1.3	0.8	0.8	1.3	2.1	1.6	2.0	2.0	1.4	0.9	19.9
19 - 25	0.3	0.5	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.4	0.7	0.4	0.5	0.4	0.3	0.2	4.6
25 - 32	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.7
32 - 39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

39 - 47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47 -	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total(%)	5.4	6.7	4.8	3.6	4.0	3.9	5.1	4.4	7.2	7.3	8.7	7.6	10.5	9.0	7.3	4.6	100.0
Calm (<1.3)																	0.0
Ave Speed	10.9	12.2	10.3	9.8	9.9	9.4	10.9	9.6	8.8	10.1	11.5	10.8	10.2	10.5	10.0	10.2	10.4

MILWAUKEE WI - Hourly Wind Statistics Table

Latitude : 42° 56' 48" N
Longitude : 87° 53' 49" W
Elevation : 0 ft.
Element : Mean Wind Speed

Start Date : Jan. 1, 2000
End Date : Apr. 30, 2018
# of Days : 6695 of 6695
obs : poss : 143812 of 160680

Sub Interval Windows

	Start	End
Date	Jan. 01	Dec. 31
Hour	00	23

Time - Time of Day (L.S.T.)
Speed - Average (Scalar) Speed in MPH
U-Vel - East-West Velocity, Positive to East
V-Vel - North-South Velocity, Positive to North
Res Spd - Vector Average (resultant) Speed in MPH
Res Dir - Vector Average (resultant) Direction
Dir Con - Directional Constancy (Res Spd/Speed)
Num Spd - Number of Wind Speed Observations
Num Dir - Number of Wind Direction Observations

Time	Speed	U-Vel	V-Vel	Res Spd	Res Dir	Dir Con	Num Spd	Num Dir
0	8.0	2.8	0.1	2.8	267	0.347	6558	5523
1	7.9	2.9	-0.0	2.9	271	0.360	6532	5538
2	7.9	2.9	-0.1	2.9	272	0.375	6529	5466
3	7.8	2.9	-0.2	2.9	274	0.370	6531	5523
4	7.8	2.9	-0.2	2.9	274	0.377	6529	5520
5	7.8	2.9	-0.3	2.9	275	0.374	6528	5530
6	8.2	2.8	-0.3	2.8	275	0.347	6557	5709
7	8.9	2.8	-0.1	2.8	273	0.320	6531	5834
8	9.7	2.8	-0.1	2.8	273	0.287	6531	5983
9	10.5	2.7	-0.0	2.7	271	0.258	6529	6044
10	11.2	2.6	0.1	2.6	268	0.229	6530	6080
11	11.6	2.2	0.3	2.2	262	0.192	6532	6172
12	12.0	1.7	0.5	1.8	253	0.150	6575	6305
13	12.2	1.4	0.7	1.6	243	0.129	6524	6264
14	12.3	1.1	0.9	1.4	231	0.112	6526	6331
15	12.1	0.9	0.8	1.2	229	0.102	6534	6355
16	11.7	1.0	0.7	1.2	232	0.104	6528	6365
17	10.7	0.9	0.6	1.1	239	0.103	6527	6304
18	9.7	1.1	0.5	1.2	246	0.122	6581	6263
19	8.9	1.3	0.5	1.4	248	0.161	6529	6016

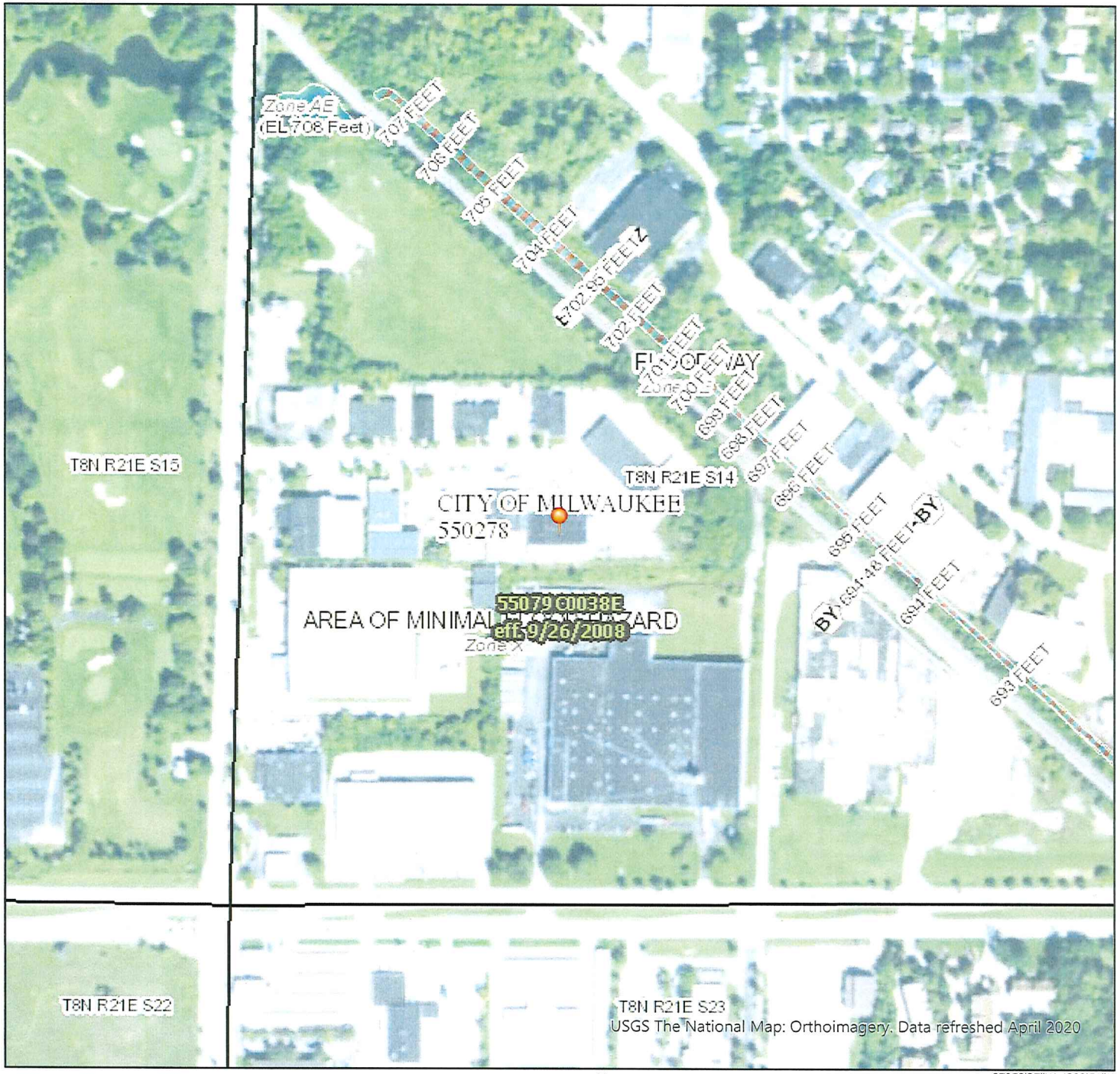
20	8.3	1.7	0.5	1.7	253	0.209	6528	5812
21	8.2	2.1	0.6	2.1	255	0.262	6526	5643
22	8.1	2.4	0.4	2.4	260	0.301	6529	5567
23	8.0	2.6	0.3	2.6	264	0.323	6528	5520
ALL	9.6	2.1	0.3	2.2	263	0.225	156852	141667

Return to Wind Rose Options
Return to WRCC Home Page

National Flood Hazard Layer FIRMette

FEMA

87°59'15"W 43°9'17"N



87°58'37"W 43°8'51"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainag areas of less than one square mile *Zone*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN — Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 — Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- 513 — Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represe an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/8/2020 at 6:34 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

NOTES TO USERS

ap is for use in administering the National Flood Insurance Program. It does essarily identify all areas subject to flooding, particularly from local drainage s of small size. The **community map repository** should be consulted for e updated or additional flood hazard information.

in more detailed information in areas where **Base Flood Elevations** (BFEs) **floodways** have been determined, users are encouraged to consult the Flood and Floodway Data and/or Summary of Stillwater Elevations tables contained he Flood Insurance Study (FIS) Report that accompanies this FIRM. Users be aware that BFEs shown on the FIRM represent rounded whole-foot ons. These BFEs are intended for flood insurance rating purposes only and not be used as the sole source of flood elevation information. Accordingly, evation data presented in the FIS Report should be utilized in conjunction with M for purposes of construction and/or floodplain management.

areas not in Special Flood Hazard Areas may be protected by **flood control** ures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Report for information on flood control structures for this jurisdiction.

d **Base Flood Elevations** shown on this map apply only landward of 0.0' al Geodetic Vertical Datum of 1929 (NGVD 29). Users of this FIRM should be that coastal flood elevations are also provided in the Summary of Stillwater ons table in the Flood Insurance Study Report for this jurisdiction. Elevations n the Summary of Stillwater Elevations table should be used for construction floodplain management purposes when they are higher than the elevations on this FIRM.

ation of the **floodways** were computed at cross sections and interpolated n cross sections. The floodways were based on hydraulic considerations with to requirements of the National Flood Insurance Program. Floodway widths er pertinent floodway data are provided in the Flood Insurance Study Report jurisdiction.

rojection used in the preparation of this map was Universal Transverse or (UTM) zone 16. The **horizontal datum** was NAD 83, GRS80 spheroid. nces in datum, spheroid, projection or UTM zones used in the production of for adjacent jurisdictions may result in slight positional differences in map s across jurisdiction boundaries. These differences do not affect the accuracy FIRM.

levations on this map are referenced to the National Geodetic Vertical Datum of These flood elevations must be compared to structure and ground elevations ced to the same **vertical datum**. For information regarding conversion n the National Geodetic Vertical Datum of 1929 and the North American Datum of 1988, visit the National Geodetic Survey website at ww.ngs.noaa.gov or contact the National Geodetic Survey at the following s:

formation Services
NINGS12
al Geodetic Survey
3, #9202
ast-West Highway
ring, Maryland 20910-3282
13-3242

n current elevation, description, and/or location information for **bench marks** on this map, please contact the Information Services Branch of the National ic Survey at (301) 713- 3242, or visit its website at http://www.ngs.noaa.gov.

ap information shown on this FIRM was developed for the Southeastern sin Regional Planning Commission, at a resolution of 6 inches and collected and 2005.

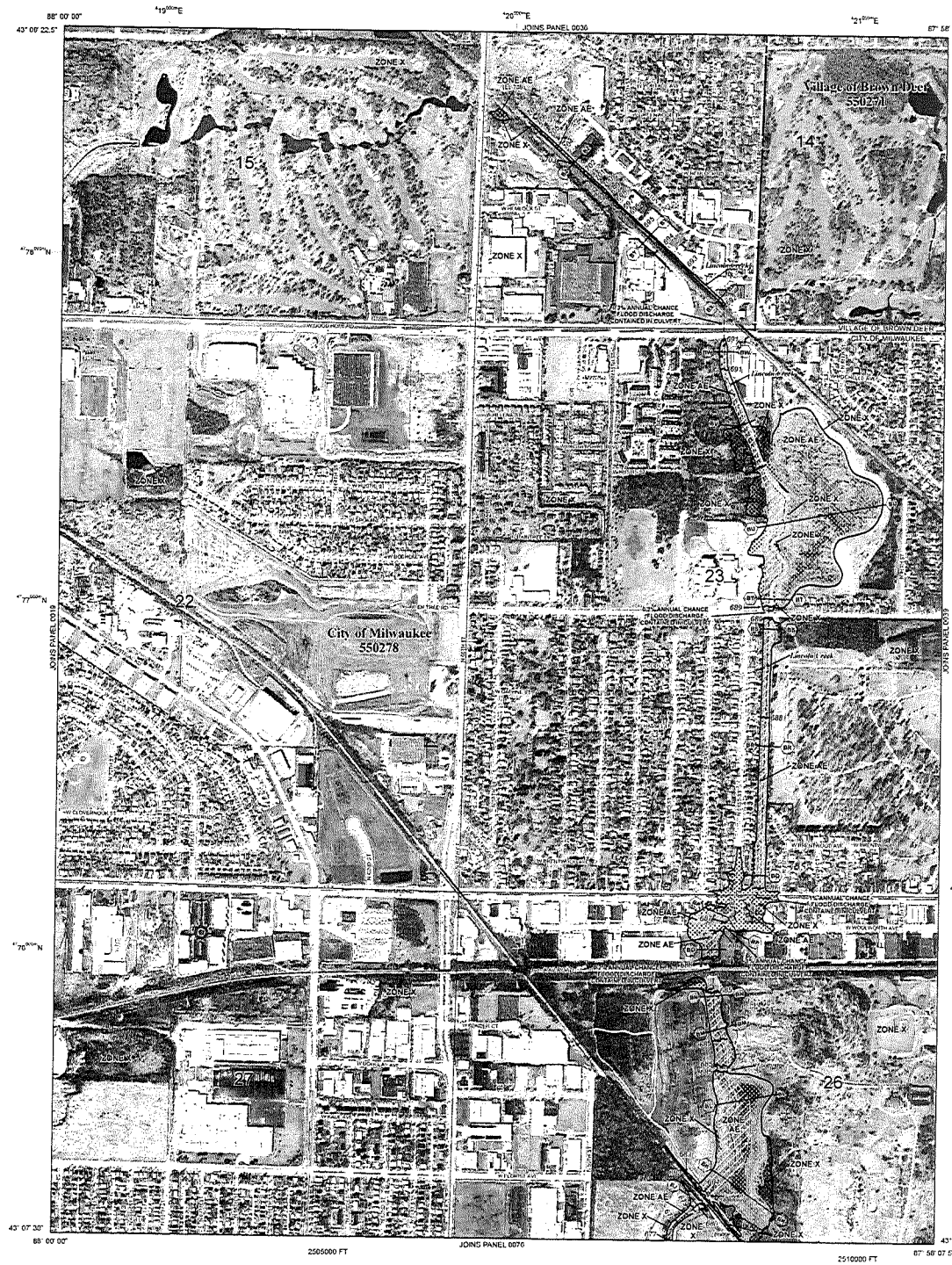
on updated topographic information, this map reflects more detailed and ate **stream channel configurations** and **floodplain delineations** than shown on the previous FIRM for this jurisdiction. As a result, the Flood and Floodway Data tables for multiple streams in the Flood ce Study Report (which contains authoritative hydraulic data) may reflect channel distances that differ from what is shown on the map. Also, the floodplain relationships for unrevised streams may differ from what is on previous maps.

ate limits shown on this map are based on the best data available at the time ication. Because changes due to annexations or de-annexations may have d after this map was published, map users should contact appropriate nity officials to verify current corporate limit locations.

refer to the separately printed **Map Index** for an overview map of the showing the layout of map panels; community map repository addresses; Listing of Communities table containing National Flood Insurance Program r each community as well as a listing of the panels on which each community ed.

t the **FEMA Map Service Center** at 1-800-358-9616 for information ilable products associated with this FIRM. Available products may include ly issued Letters of Map Change, a Flood Insurance Study Report, and/or ersions of this map. The FEMA Map Service Center may also be reached by 1-800-358-9620 and its website at http://www.msc.fema.gov.

ave questions about this map or questions concerning the National Flood ce Program in general, please call **1- 877- FEMA MAP** (1-877-336-2627) or FEMA website at http://www.fema.gov.



NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 8 NORTH, RANGE 21 EAST.

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood h a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard the area subject to flooding by the 1% annual chance flood. Areas of Special Flood include Zone A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water- elevation of the 1% annual chance flood.

ZONE A — No Base Flood Elevations determined.

ZONE AE — Base Flood Elevations determined.

ZONE AH — Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Eleva determined.

ZONE AO — Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); av depths determined. For areas of alluvial fan flooding, velocities also deter

ZONE AR — Special Flood Hazard Areas formerly protected from the 1% annual chanc flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to pr protection from the 1% annual chance or greater flood.

ZONE A99 — Area to be protected from 1% annual chance flood by a Federal Flood protection system under construction; no Base Flood Elevations determin

ZONE V — Coastal flood zone with velocity hazard (wave action); no Base Flood Ele determined.

ZONE VE — Coastal flood zone with velocity hazard (wave action); Base Flood Eleva determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept encroachment so that the 1% annual chance flood can be carried without substantial incre flood heights.

OTHER FLOOD AREAS

ZONE X — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X — Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D — Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% Annual Chance Floodplain Boundary

0.2% Annual Chance Floodplain Boundary

Floodway boundary

Zone D boundary

CBRS and OPA boundary

Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

513 — Base Flood Elevation line and value; elevation in feet*

(EL 987) — Base Flood Elevation value where uniform within zone; elevation feet*

*Referenced to the National Geodetical Vertical Datum of 1929

A — A — Cross section line

23 — 23 — Transect line

45° 02' 08", 93° 02' 12" — Geographic coordinates referenced to the North American Dat 1983 (NAD 83) Western Hemisphere

3100000 FT — 5000-foot ticks: Wisconsin State Plane South Zone (FIPS Zone Lambert Conformal Conic projection

1000-meter Universal Transverse Mercator grid values, zone 1

DX5510 × — Bench mark (see explanation in Notes to Users section of this panel)

M1.8 — River Mile

MAP REPOSITORIED
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
September 26, 2008

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agen or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 600'

250 0 500 1000 FEET

150 0 150 300 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0038E

FIRM

FLOOD INSURANCE RATE MAI

MILWAUKEE COUNTY
WISCONSIN
AND INCORPORATED AREA

PANEL 38 OF 300
(SEE MAP INDEX FOR FIRM PANEL LAYC

CONTAINS:

COMMUNITY	NUMBER	PANEL
BROWN DEER, VILLAGE OF	550271	0038
MILWAUKEE, CITY OF	550278	0038

Notice to User: The **Map Number** shown should be used when placing map orde **Community Number** shown above sho used on insurance applications for the community.

MAP NUME
55079C00

EFFECTIVE D
SEPTEMBER 26, 2

Federal Emergency Management Ag

TRADEBE
Treatment and Recycling ™

ATTACHMENT R

CURRENT SITE DRAWINGS

ATTACHMENT R
CURRENT SITE DRAWINGS
Table of Contents

Appendix	Page
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R.3 Traffic Pattern	5
R.4 Emergency Equipment	6
R.5 Waste Storage Plans	9
R.6 Quick Reference Guide Map	12
R.7 Secondary Containment	13
R.8 Building Elevations	14
R.9 SPCC Site Plan	15
R.10 Drainage Base Map	16

TRADEBE
Environmental Services™

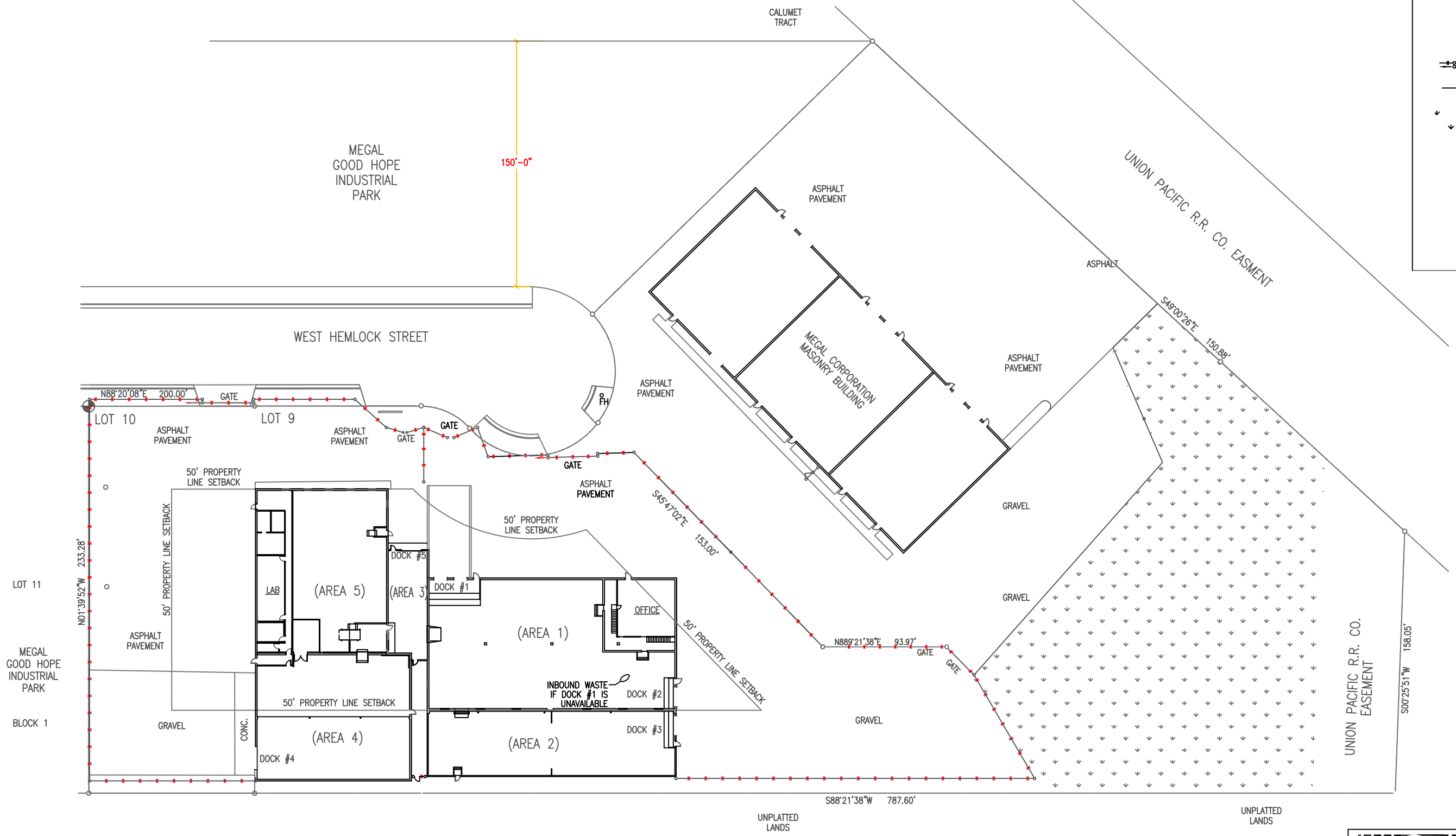
APPENDIX R-1

Drawing of Current Operations

TTRWI-0001

CURRENT OPERATIONS

SCALE 1" = 50'
0'——50'
1" OR PORPORTIONAL



LEGEND

- PUBLIC LIGHT POLE
- SECURITY FENCE 6'-0" HIGH W/(3) STANDS OF BARBED WIRE
- PANIC EXIT GATE (MANUAL)
- SWING GATE (MANUAL)
- ELECTRIC GATE
- PROPERTY LINE
- UNPAVED GRASS OR GRAVEL

TRADEBE

Tradebe Environmental Services of Wisconsin, LLC
5611 West Hemlock Street
Milwaukee, WI 53223

MILWAUKEE FPOR CURRENT OPERATIONS

PROPERTY GENERAL LAYOUT

DATE: 9/16/2020		TTRWI-0001
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REVISED: 3/28/24	REV: 3	

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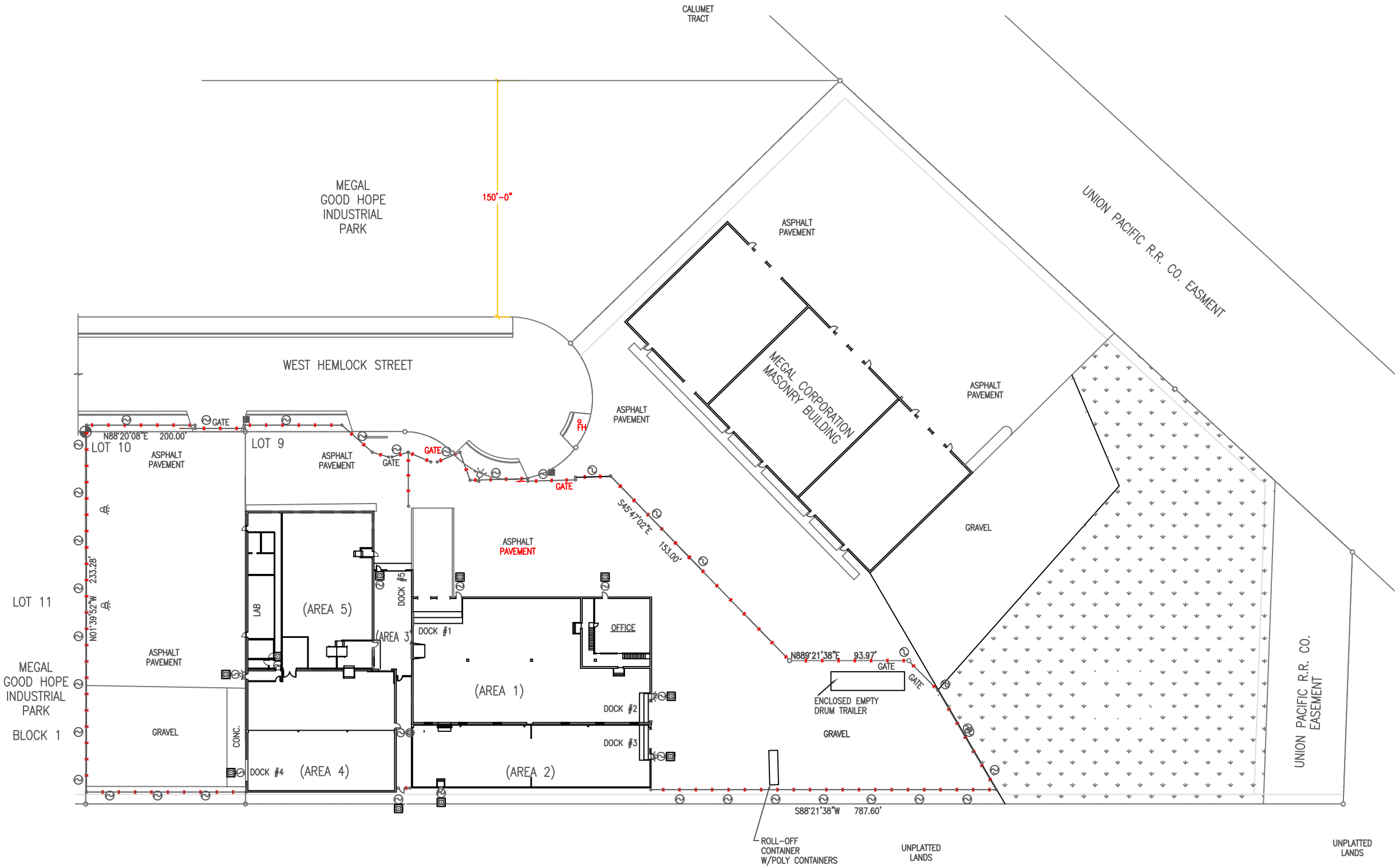
APPENDIX R-2

Security Plan Drawing

TTRWI-0003

SECURITY PLAN

SCALE 1" = 50'
0' —— 50'
1" OR PORPORTIONAL



LEGEND

- WARNING SIGN READS: DANGER UNAUTHORIZED PERSONNEL KEEP OUT
- WARNING SIGN READS: EYE PROTECTION REQUIRED
- PUBLIC LIGHT POLE
- KEY PAD OPERATOR
- SECURITY FENCE 6'-0" HIGH W/(3) STANDS OF BARBED WIRE
- PANIC EXIT GATE (MANUAL)
- SWING GATE (MANUAL)
- ELECTRIC GATE
- PROPERTY LINE
- UNPAVED GRASS OR GRAVEL

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SECURITY PLAN

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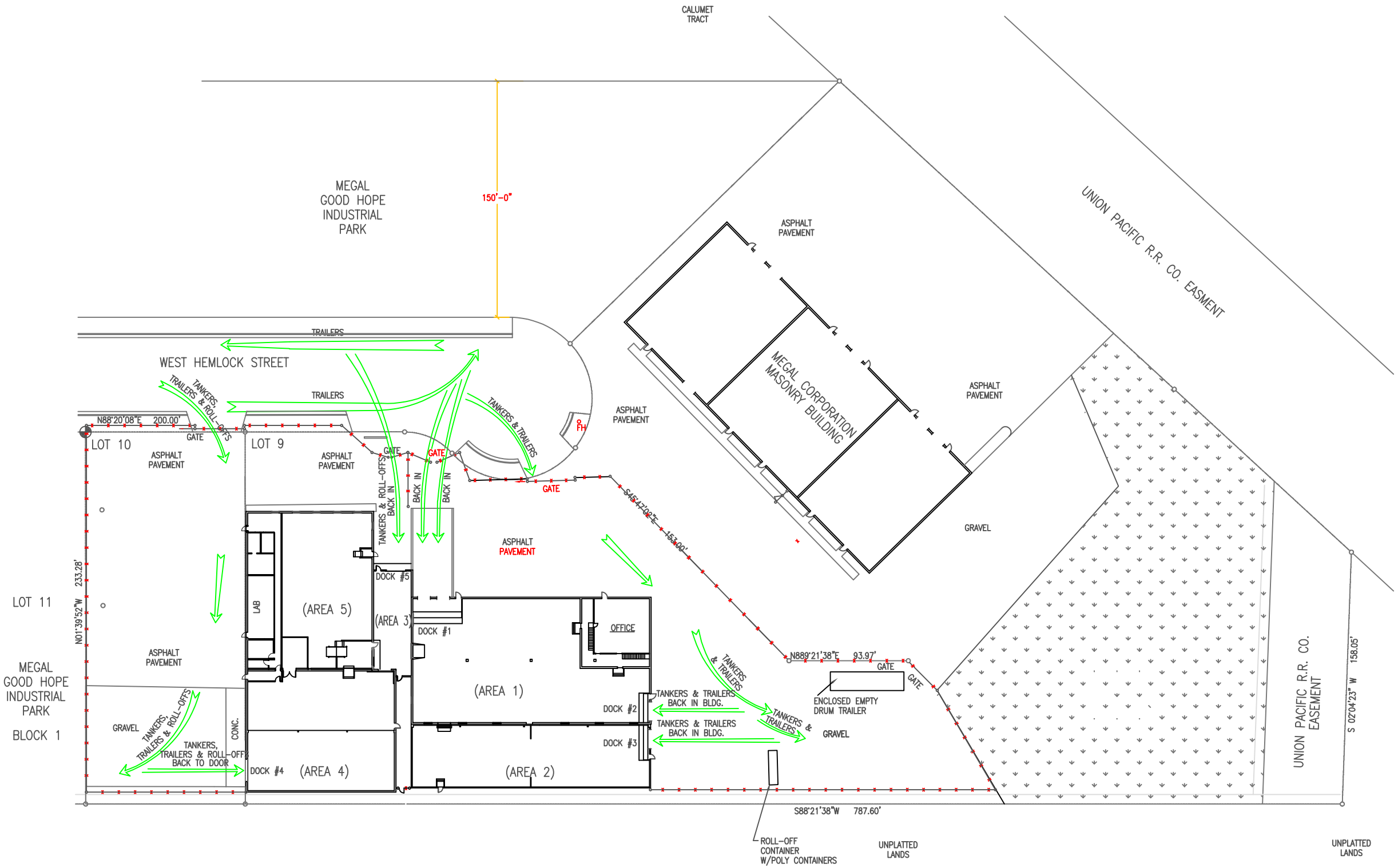
APPENDIX R-3

Traffic Pattern Drawing

TTRWI-0004

TRAFFIC PATTERN PLAN

SCALE 1" = 50'
0' —— 50'
1" OR PORPORTIONAL



LEGEND

- TRAFFIC PATTERN
- PUBLIC LIGHT POLE
- SECURITY FENCE 6'-0" HIGH W/(3) STANDS OF BARBED WIRE
- PANIC EXIT GATE (MANUAL)
- SWING GATE (MANUAL)
- ELECTRIC GATE
- PROPERTY LINE
- UNPAVED GRASS OR GRAVEL

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TRAFFIC PATTERN PLAN

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APPENDIX R-3

Emergency Equipment Plan

Drawings

TTRWI-0005, TTRWI-0005E &

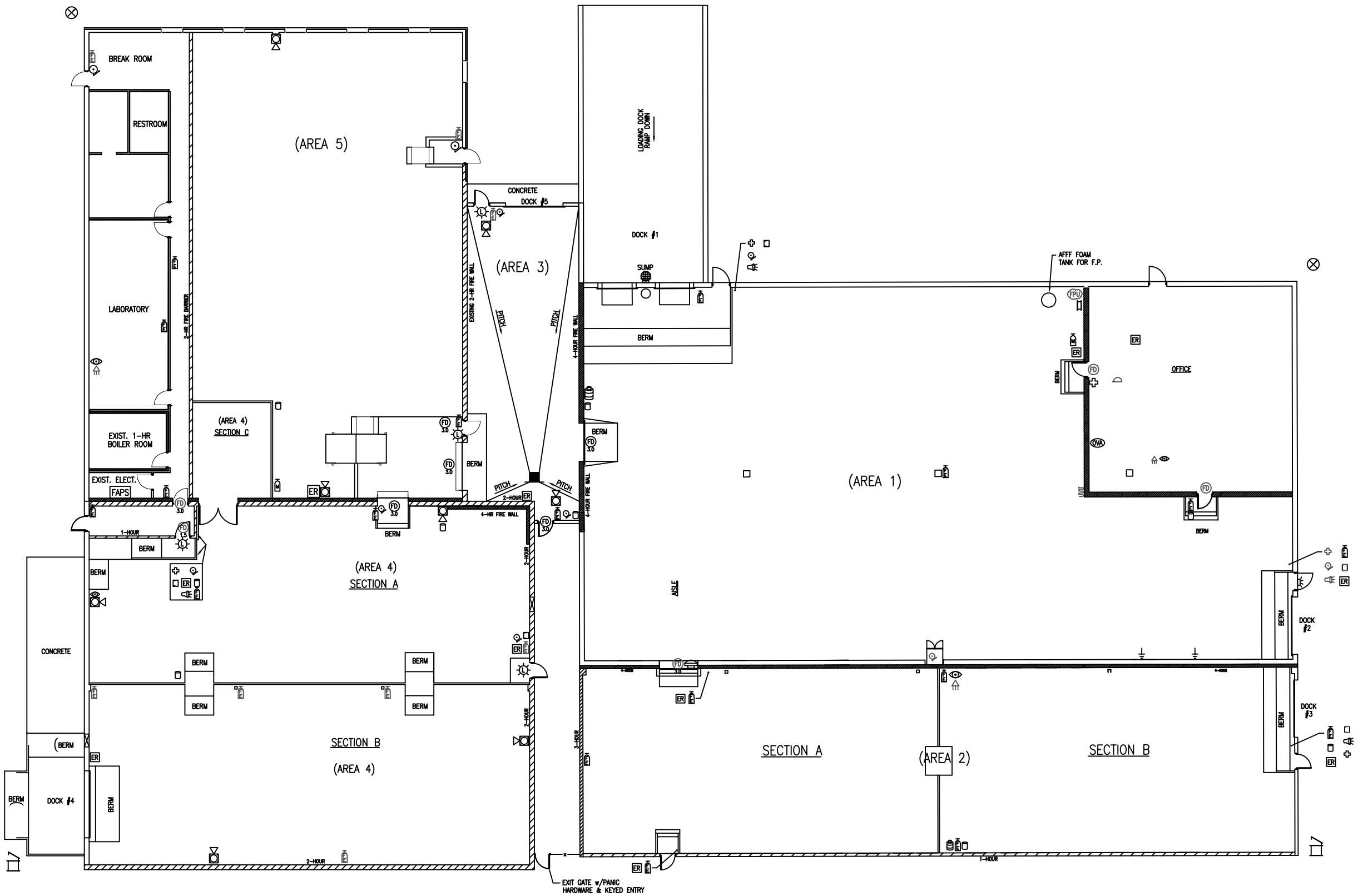
TTRWI-0005W

EMERGENCY EQUIPMENT PLAN

SCALE 1" = 20'

0' —— 20'

1" OR PORPORTIONAL



LEGEND

- REPACK AREA
- EMERGENCY LIGHTING
- SECURITY LIGHTING
- FIRST AID STATION
- EYE WASH
- ALARM ACTUATOR/FIRE ALARM
- MAKE-UP-AIR SHUTOFF BUTTON
- FIRE BLANKET
- SAFETY SHOWER
- STRETCHER
- HAND HELD HORN
- ORGANIC VAPOR AIR FILTER RESPIRATORS (OVA)
- FOAM PROTECTION TANK (SPRINKLER SYSTEM) (FPU)
- SPILL EQUIPMENT (ABSORBENT AND BOOMS)
- OVERPACK DRUM
- HAND HELD FIRE EXTINGUISHER
- HAND HELD FIRE EXTINGUISHER FOR METALS
- FIRE HOSE
- EVACUATION ROUTE DRAWING (ER)
- HORN/STROBE NOTIFICATION DEVICE
- GROUNDING SYSTEM
- FIRE ALARM POWER SUPPLY (FOR HORN/STROBE) (FAPS)
- 1-HOUR FIREWALL W/RATING LISTED
- 2-HOUR FIREWALL W/RATING LISTED
- 3-HOUR FIREWALL W/RATING LISTED
- 4-HOUR FIREWALL W/RATING LISTED
- FIRE DOOR WITH RATING (FD 1.5)
- EXHAUST VENT, FAN OR LOUVER
- SECONDARY CONTAINMENT TRENCH w/ HEAVY DUTY COVER AND LADDER
- DRAIN COVER
- BOOM HOUSE

NOTES

- Area 1 Building is protected by an AFFF sprinkler system, for design details see U.S Fire Protection drawing Job NO. 8124, Sheet No. FP-1, dated 2/9/97
- Area 2 Building is protected by an AFFF sprinkler system, for design details see U.S Fire Protection drawing Job NO. 07-100, Sheet No. FP-1, dated 6-20-07
- Area 3 and 4 Buildings are protected by an AFFF sprinkler system, for design details see USA Fire Protection drawing, Job No. 402056, Sheet FP 1, dated 9-12-13
- Area 5 Building is protected by an AFFF sprinkler system, for design details see USA Fire Protection drawing, Job No. 402898, Sheet FP 1, dated 6-6-16

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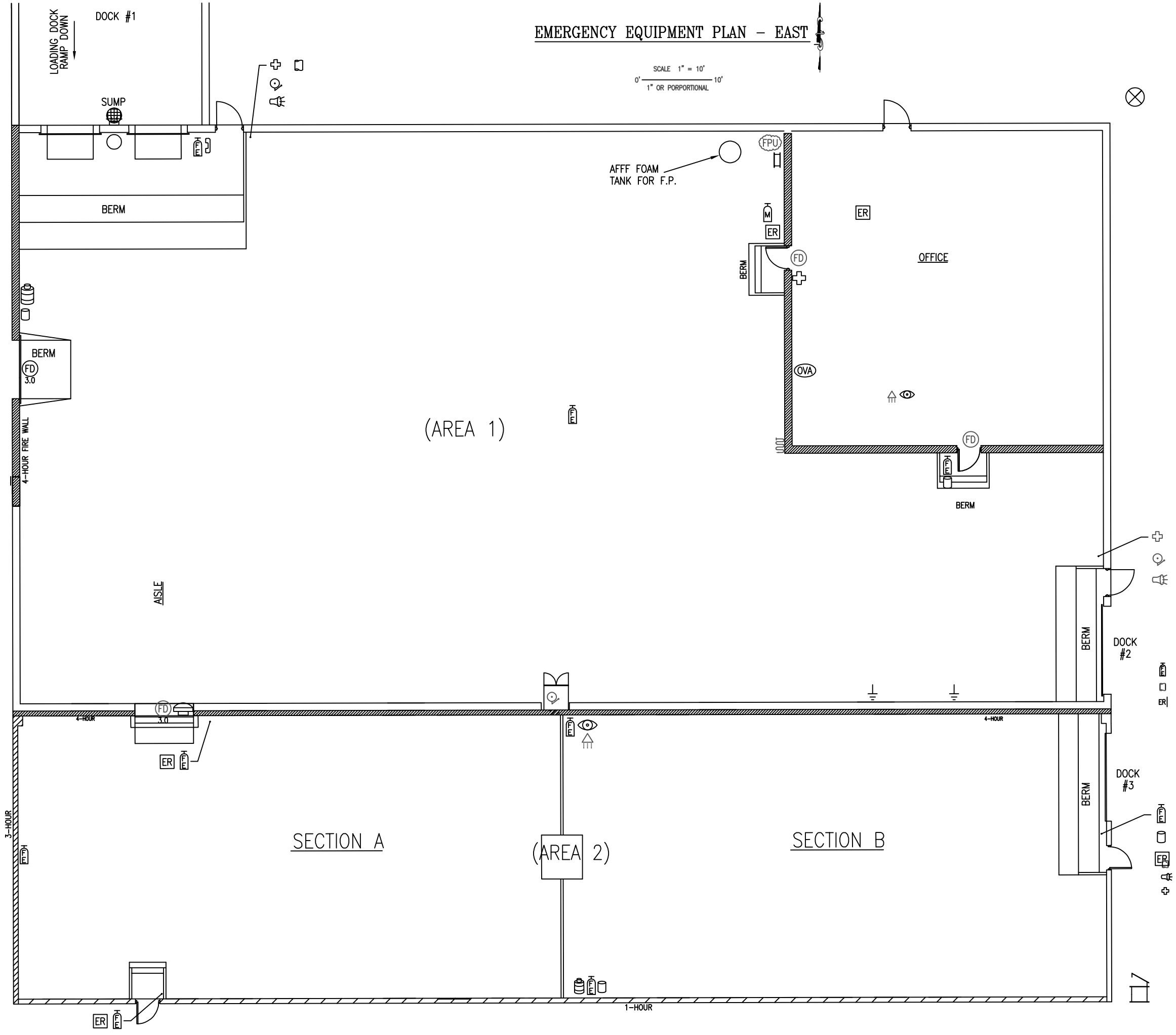
MILWAUKEE FPOR CURRENT OPERATIONS

EMERGENCY EQUIPMENT LAYOUT - GENERAL

DATE: 9/16/2020		TTRWI-0005
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REVISED: 3/28/24	REV: 3	

EMERGENCY EQUIPMENT PLAN – EAST

SCALE 1" = 10'
0' — 10'
1" OR PORPORTIONAL



LEGEND

- REPACK AREA
- EMERGENCY LIGHTING
- FIRST AID STATION
- EYE WASH
- ALARM ACTUATOR/FIRE ALARM
- MAKE-UP-AIR SHUTOFF BUTTON
- FIRE BLANKET
- SAFETY SHOWER
- STRETCHER
- HAND HELD HORN
- ORGANIC VAPOR AIR FILTER RESPIRATORS
- FOAM PROTECTION TANK (SPRINKLER SYSTEM)
- SPILL EQUIPMENT (ABSORBENT AND BOOMS)
- OVERPACK DRUM
- HAND HELD FIRE EXTINGUISHER
- HAND HELD FIRE EXTINGUISHER FOR METALS
- FIRE HOSE
- EVACUATION ROUTE DRAWING
- HORN/STROBE NOTIFICATION DEVICE
- GROUNDING SYSTEM
- FAPS — FIRE ALARM POWER SUPPLY (FOR HORN/STROBE)
- 1-HOUR FIREWALL W/RATING LISTED
- 2-HOUR FIREWALL W/RATING LISTED
- 3-HOUR FIREWALL W/RATING LISTED
- 4-HOUR FIREWALL W/RATING LISTED
- FD 1.5 — FIRE DOOR WITH RATING
- EXHAUST VENT, FAN OR LOUVER
- DRAIN COVER
- BOOM HOUSE

NOTES

- Area 1 Building is protected by an AFFF sprinkler system, for design details see U.S Fire Protection drawing Job NO. 8124, Sheet No. FP-1, dated 2/9/97
- Area 2 Building is protected by an AFFF sprinkler system, for design details see U.S Fire Protection drawing Job NO. 07-100, Sheet No. FP-1, dated 6-20-07

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EMERGENCY EQUIPMENT LAYOUT - EAST

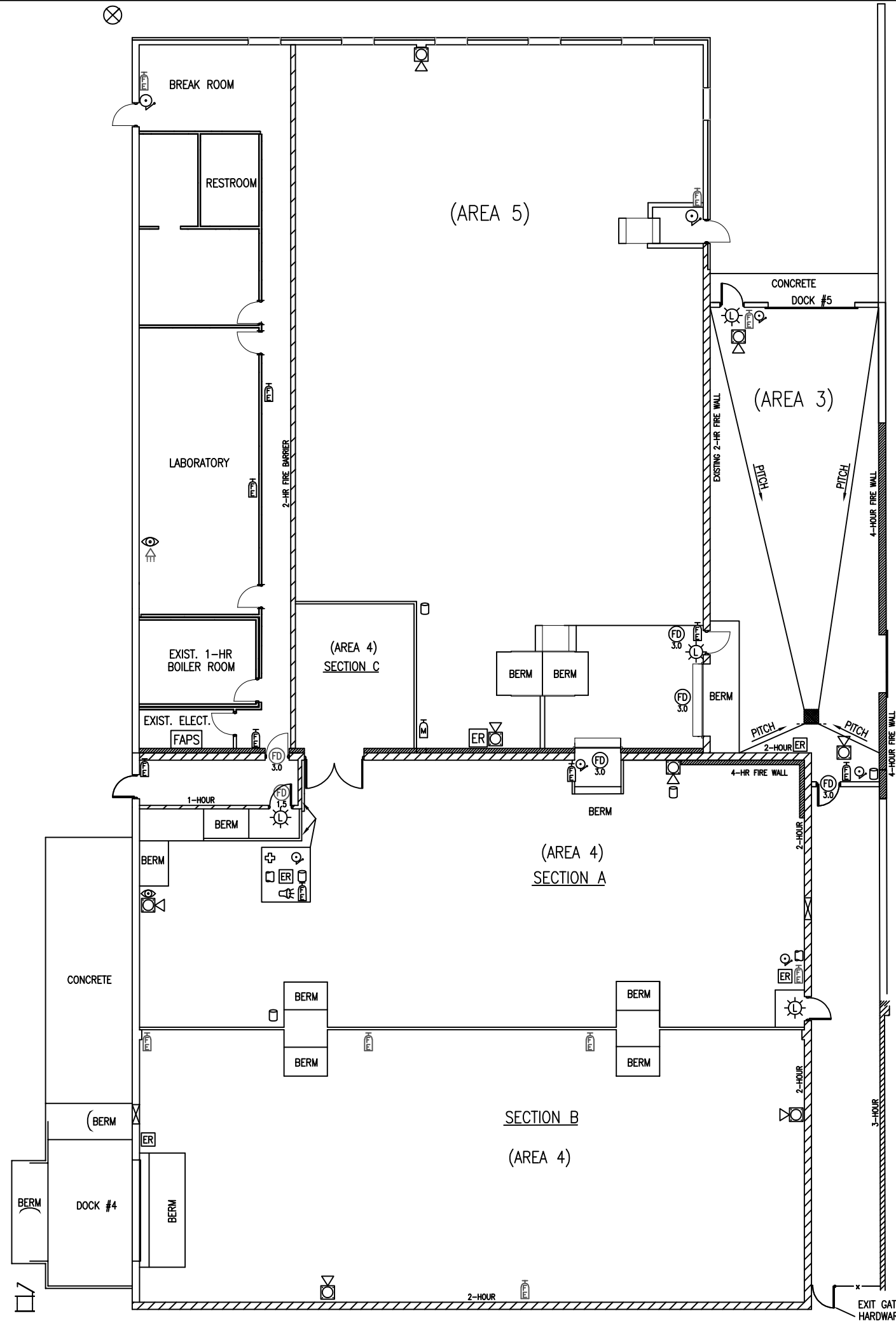
DATE: 9/16/2020		TTRWI-0005E
DRAWN BY: PS	CHECK BY: BV	
REVSIED: 3/28/24	REV: 3	

EMERGENCY EQUIPMENT PLAN – WEST

SCALE 1" = 20'

0' —— 20'

1" OR PORPORTIONAL



LEGEND

- REPACK AREA
- EMERGENCY LIGHTING
- SECURITY LIGHTING
- FIRST AID STATION
- EYE WASH
- ALARM ACTUATOR/FIRE ALARM
- MAKE-UP-AIR SHUTOFF BUTTON
- FIRE BLANKET
- SAFETY SHOWER
- STRETCHER
- HAND HELD HORN
- OVA — ORGANIC VAPOR AIR FILTER RESPIRATORS
- FPU — FOAM PROTECTION TANK (SPRINKLER SYSTEM)
- SPILL EQUIPMENT (ABSORBENT AND BOOMS)
- OVERPACK DRUM
- FE — HAND HELD FIRE EXTINGUISHER
- M — HAND HELD FIRE EXTINGUISHER FOR METALS
- FIRE HOSE
- ER — EVACUATION ROUTE DRAWING
- HORN/STROBE NOTIFICATION DEVICE
- GROUNDING SYSTEM
- FAPS — FIRE ALARM POWER SUPPLY (FOR HORN/STROBE)
- 1-HOUR — 1-HOUR FIREWALL W/RATING LISTED
- 2-HOUR — 2-HOUR FIREWALL W/RATING LISTED
- 3-HOUR — 3-HOUR FIREWALL W/RATING LISTED
- 4-HOUR — 4-HOUR FIREWALL W/RATING LISTED
- FD 1.5 — FIRE DOOR WITH RATING
- EXHAUST VENT, FAN OR LOUVER
- SECONDARY CONTAINMENT TRENCH w/ HEAVY DUTY COVER AND LADDER
- DRAIN COVER
- BOOM HOUSE

NOTES

- Area 3 and 4 Buildings are protected by an AFFF sprinkler system, for design details see USA Fire Protection drawing, Job No. 402056, Sheet FP 1, dated 9-12-13
- Area 5 Building is protected by an AFFF sprinkler system, for design details see USA Fire Protection drawing, Job No. 402898, Sheet FP 1, dated 6-6-16

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EMERGENCY EQUIPMENT LAYOUT - WEST

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APPENDIX R-5

Waste Storage Plan Drawings

TTRWI-0006, TTRWI-0006E &

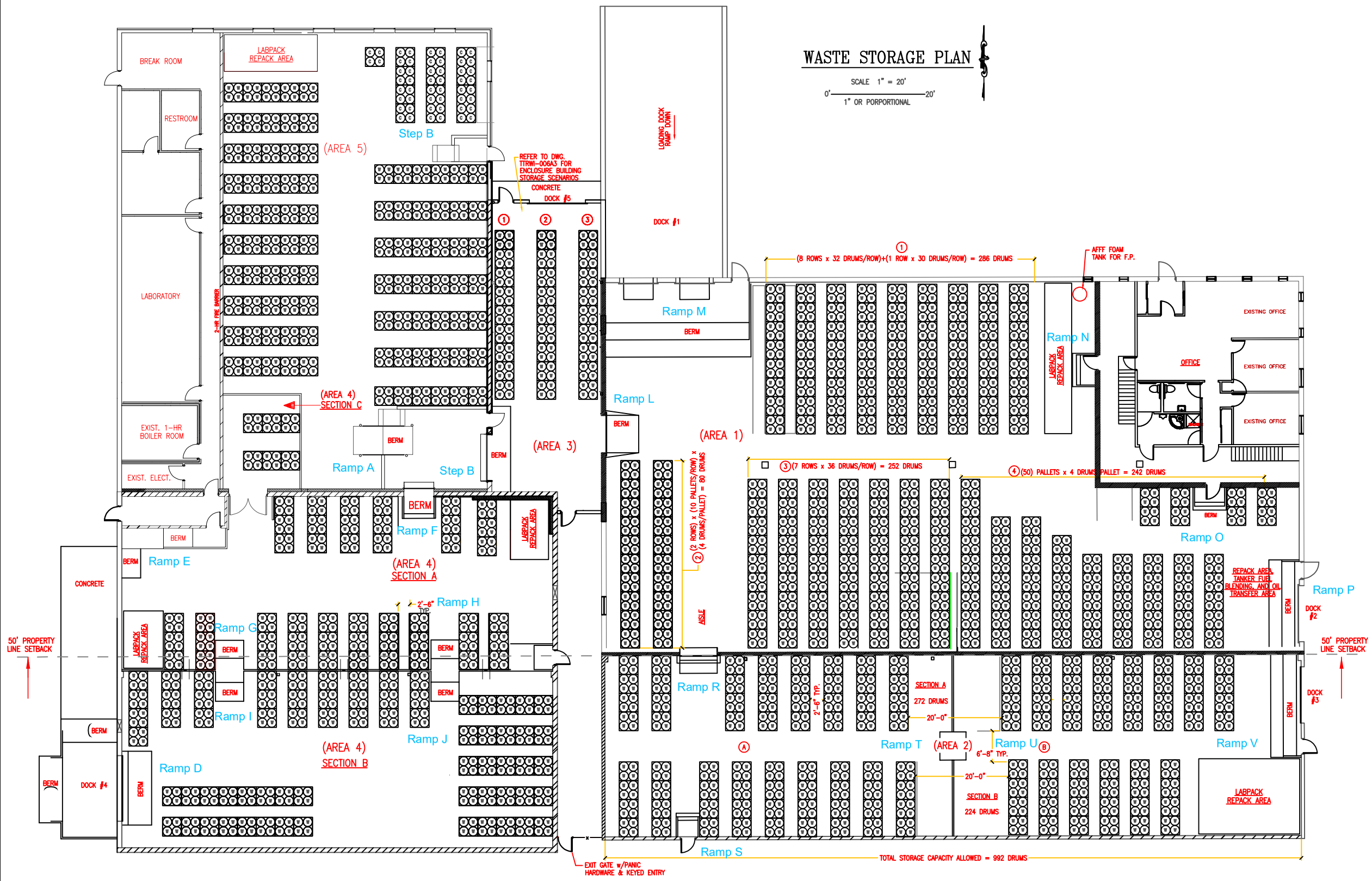
TTRWI-0006W

WASTE STORAGE PLAN

SCALE 1" = 20'

0' 20'

1" OR PORPORTIONAL



LEGEND

- 1-HOUR RATED FIRE WALL
- 2-HOUR RATED FIRE WALL
- 4-HOUR RATED FIRE WALL
- DRUMS ON FLOOR OR ON 4'x4' WOOD PALLET
- 4'x4' WOOD PALLET WITH 4 DRUMS (HAZARDOUS WASTE)

NO. OF DRUMS - FLOOR LEVEL

55-GAL. DRUM EQUIVALENT

AREA 1:

①	286 DRUMS
②	80 DRUMS
③	252 DRUMS
④	242 DRUMS
TOTAL	860 DRUMS

AREA 2:

Ⓐ	272 DRUMS
Ⓑ	224 DRUMS
TOTAL	496 DRUMS

AREA 3:

①	36 DRUMS
②	36 DRUMS
③	36 DRUMS
TOTAL	108 DRUMS

AREA 4:

Ⓐ	192 DRUMS
Ⓑ	36 DRUMS
Ⓒ	24 DRUMS
TOTAL	252 DRUMS

AREA 5:

WEST WALL	200 DRUMS
EAST WALL	168 DRUMS
NORTH	50 DRUMS
TOTAL	418 DRUMS

BUILDING CAPACITY

AREA 1: - 860 DRUMS ON WOODEN PALLETS ON FLOOR LEVEL
- 1,720 55-GAL. DRUMS IF DOUBLE STACKED

AREA 2: - 496 DRUMS ON WOODEN PALLETS ON FLOOR LEVEL
- 992 DRUMS TOTAL ALLOWED IF DOUBLE-STACKED

AREA 3: ROOM: - 108 DRUMS ON FLOOR LEVEL
- 216 DRUMS TOTAL ALLOWED IF DOUBLE-STACKED

AREA 4: - 345 DRUMS TOTAL ALLOWED IF DOUBLE STACKED

NOTES:
1. 192 +36 +24 = 252 DRUMS SHOWN ON FLOOR LEVEL, THEREFORE, 69 DRUMS ARE ALLOWED TO BE DOUBLE-STACKED BETWEEN SECTIONS A AND C. UP TO 24 CAN BE DOUBLE STACKED IN SECTION C.

SECTION A WAREHOUSE NORTH: - 192 DRUMS IN CONTAINMENT AND WOODEN PALLETS ON FLOOR LEVEL (UP TO 69 DRUMS CAN BE DOUBLE STACKED IN SECTION A)

SECTION B WAREHOUSE SOUTH: - 36 DRUMS ON WOODEN PALLETS ON FLOOR LEVEL (SEE DETAIL 2)

SECTION C WAREHOUSE ROOM: - 24 DRUMS ON WOODEN PALLETS OR CONTAINMENT PALLETS (SEE DETAIL 1) ON FLOOR LEVEL

AREA 5: - 418 DRUMS ON FLOOR LEVEL
- 836 DRUMS TOTAL ALLOWED IF DOUBLE-STACKED

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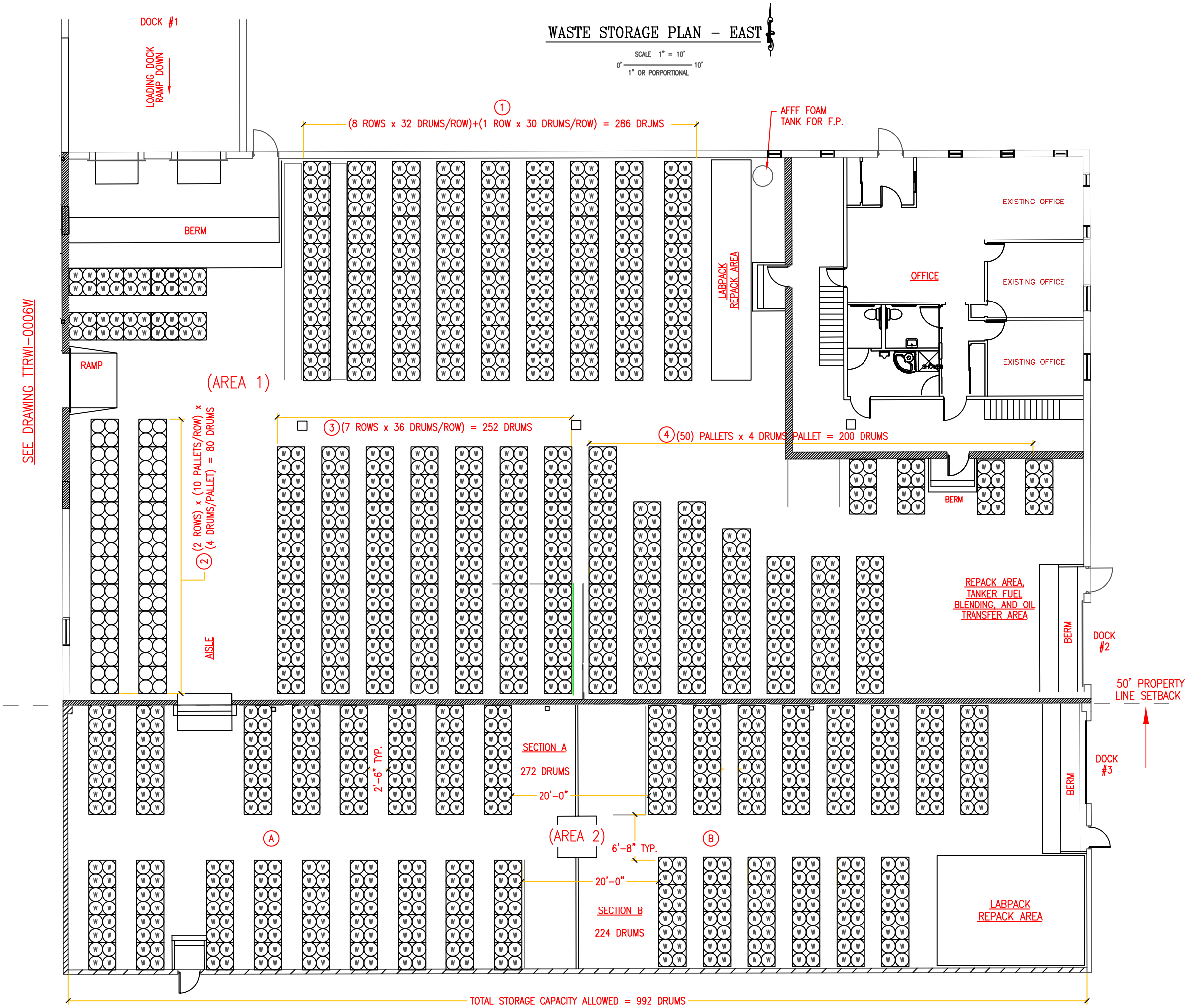
MILWAUKEE FPOR CURRENT OPERATIONS

WASTE STORAGE PLAN - GENERAL

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WASTE STORAGE PLAN – EAST

SCALE 1" = 10'
0' — 10'
1" OR PORPORTIONAL



LEGEND

- 1-HOUR RATED FIRE WALL
- 2-HOUR RATED FIRE WALL
- 4-HOUR RATED FIRE WALL
- DRUMS ON FLOOR OR ON 4'x4' WOOD PALLET IF STORED IN POSITION OVERNIGHT
- 4'x4' WOOD PALLET WITH 4 DRUMS (HAZARDOUS WASTE)
- 4'-4"x6'-5" CONTAINMENT PALLET WITH 6 DRUMS (HAZARDOUS WASTE)
- 4'-4"x8'-6" CONTAINMENT PALLET WITH 8 DRUMS (HAZARDOUS WASTE)

NO. OF DRUMS – FLOOR LEVEL

55-GAL. DRUM EQUIVALENT

AREA 1:

①	286 DRUMS
②	80 DRUMS
③	252 DRUMS
④	242 DRUMS
TOTAL	860 DRUMS

AREA 2:

Ⓐ	272 DRUMS
Ⓑ	224 DRUMS
TOTAL	496 DRUMS

BUILDING CAPACITY

AREA 1: – 860 DRUMS ON WOODEN PALLETS ON FLOOR LEVEL
– 1,720 55-GAL. DRUMS OF SOLID WASTE DOUBLE STACKED

AREA 2: – 496 DRUMS ON WOODEN PALLETS ON FLOOR LEVEL
– 992 DRUMS TOTAL ALLOWED IF DOUBLE-STACKED

NOTES: 1. OF THE 992 DRUMS ALLOWED TO BE STORED IN THE AREA 2 WAREHOUSE ONLY 500 ARE ALLOWED TO BE H.W. – 492 DRUMS NON H.W.

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WASTE STORAGE PLAN - GENERAL, EAST

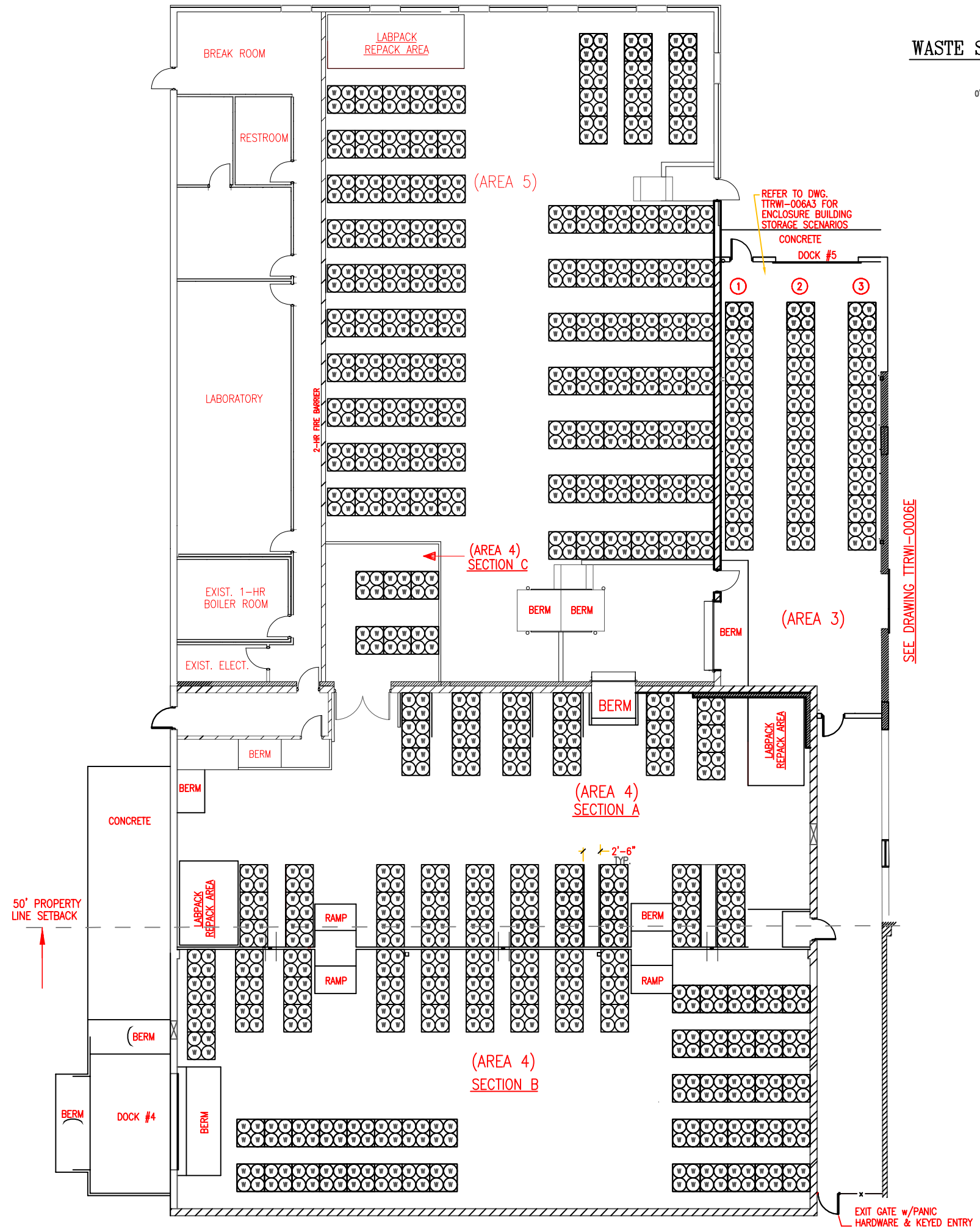
DATE: 9/16/2020		TTRWI-0006E
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WASTE STORAGE PLAN – WEST

SCALE 1" = 20'

0' 20'

1" OR PORPORTIONAL



LEGEND

- 1-HOUR RATED FIRE WALL
- 2-HOUR RATED FIRE WALL
- 4-HOUR RATED FIRE WALL
- DRUMS ON FLOOR OR ON 4'x4' WOOD PALLET IF STORED IN POSITION OVERNIGHT
- 4'x4' WOOD PALLET WITH 4 DRUMS (HAZARDOUS WASTE)

NO. OF DRUMS – FLOOR LEVEL

55-GAL. DRUM EQUIVALENT

AREA 3:

(1)	36 DRUMS
(2)	36 DRUMS
(3)	36 DRUMS
TOTAL	108 DRUMS

AREA 4:

(A)	192 DRUMS
(B)	36 DRUMS
(C)	24 DRUMS
TOTAL	252 DRUMS

AREA 5:

WEST WALL	– 200 DRUMS
EAST WALL	– 168 DRUMS
NORTH	– 50 DRUMS
TOTAL	418 DRUMS

BUILDING CAPACITY

AREA 3 ROOM: – 108 DRUMS ON FLOOR LEVEL
– 216 DRUMS TOTAL ALLOWED IF DOUBLE-STACKED

AREA 4: – 345 HAZARDOUS WASTE (H.W.) DRUMS TOTAL ALLOWED IF DOUBLE STACKED

NOTES:
1. 192 +36 +24 = 252 DRUMS SHOWN ON FLOOR LEVEL, THEREFORE, 69 H.W. DRUMS ARE ALLOWED TO BE DOUBLE-STACKED BETWEEN SECTIONS A AND C. UP TO 24 H.W. CAN BE DOUBLE STACKED IN SECTION C.

SECTION A WAREHOUSE NORTH: – 192 DRUMS OF HAZARDOUS WASTE ON CONTAINMENT AND WOODEN PALLETS ON FLOOR LEVEL (UP TO 69 H.W. DRUMS CAN BE DOUBLE STACKED IN SECTION A)

SECTION B WAREHOUSE SOUTH: – 36 DRUMS OF HAZARDOUS WASTE ON WOODEN PALLETS ON FLOOR LEVEL (SEE DETAIL 2) (UP TO 552 NON H.W. DRUMS CAN BE DOUBLE STACKED IN SECTION B)

SECTION C WAREHOUSE ROOM: – 24 DRUMS OF HAZARDOUS WASTE ON WOODEN PALLETS OR CONTAINMENT PALLETS (SEE DETAIL 1) ON FLOOR LEVEL (UP TO 24 H.W. DRUMS CAN BE DOUBLE STACKED IN SECTION C)

AREA 5: – 418 DRUMS ON FLOOR LEVEL
– 836 DRUMS TOTAL ALLOWED IF DOUBLE-STACKED

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WASTE STORAGE PLAN - GENERAL, WEST

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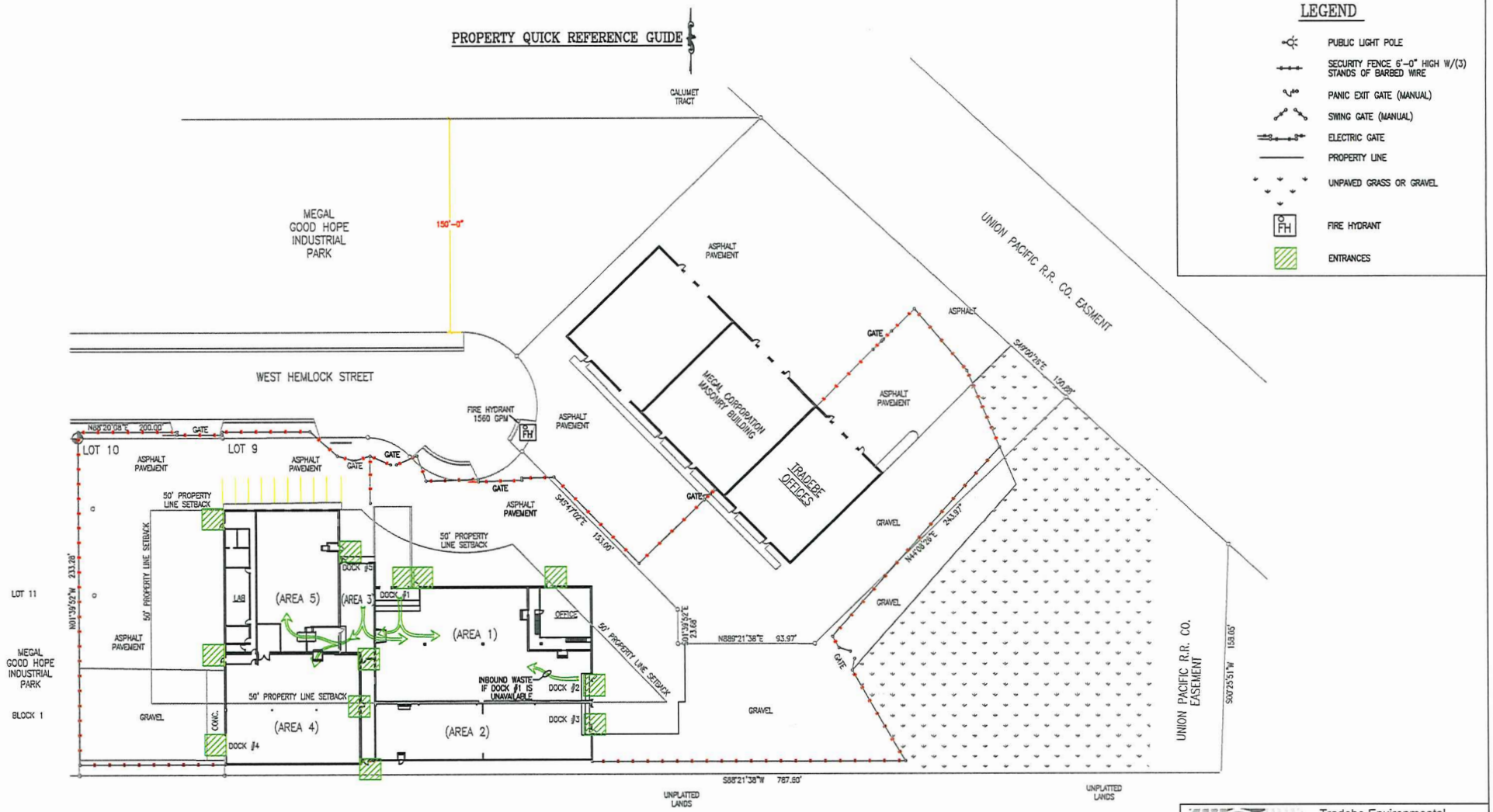
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APPENDIX R-6

Property Quick Reference Drawing

TTRWI-00007

PROPERTY QUICK REFERENCE GUIDE



LEGEND

- PUBLIC LIGHT POLE
- SECURITY FENCE 6'-0" HIGH W/(3) STANDS OF BARBED WIRE
- PANIC EXIT GATE (MANUAL)
- SWING GATE (MANUAL)
- ELECTRIC GATE
- PROPERTY LINE
- UNPAVED GRASS OR GRAVEL
- FIRE HYDRANT
- ENTRANCES

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QUICK REFERENCE GUIDE

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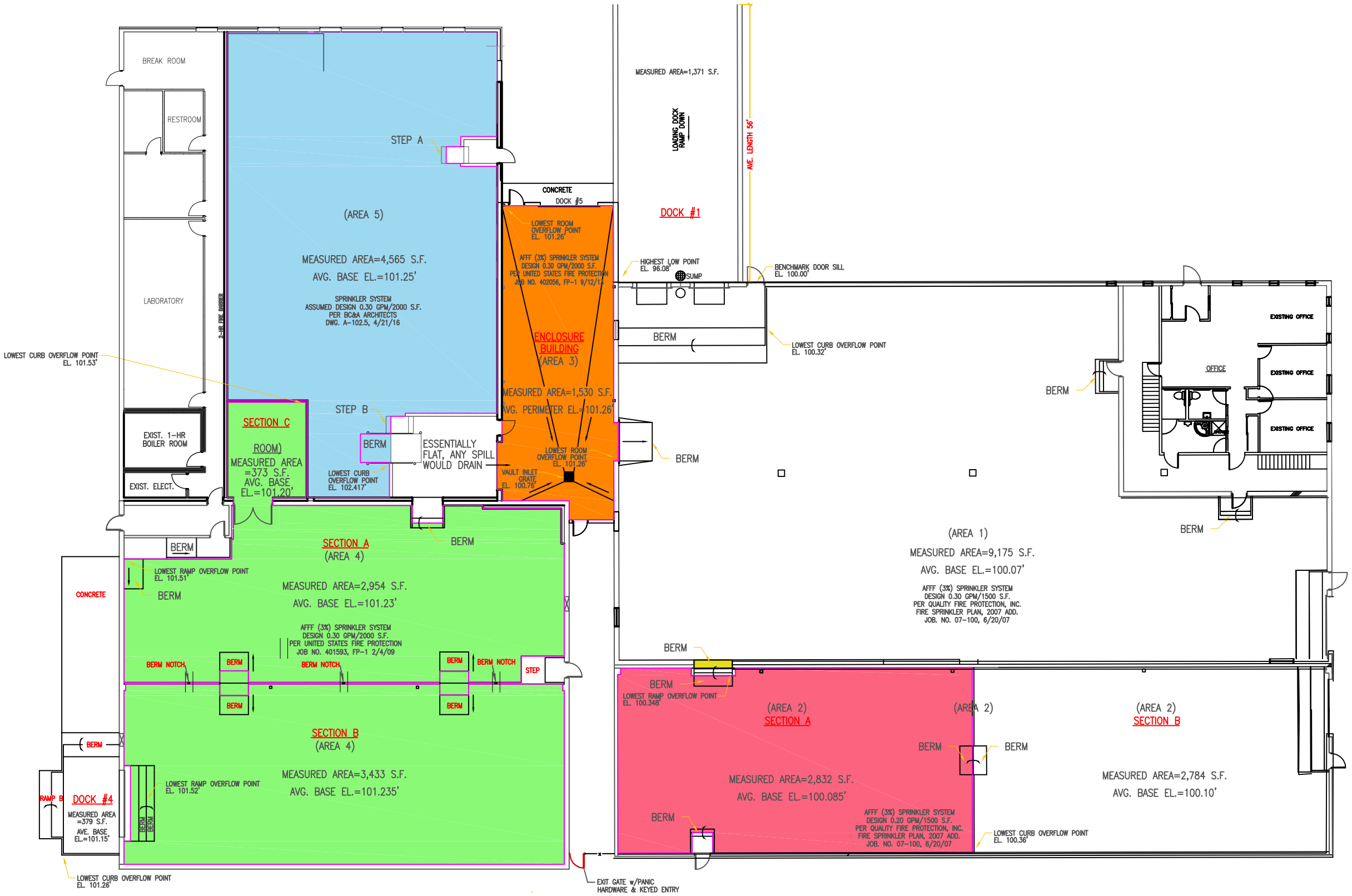
APPENDIX R-7

Secondary

Containment Areas

TTRWI-0008

SECONDARY CONTAINMENT AREAS



NOTES:

1. ALL RAMP AND BERM ARROWS POINT DOWN THE SLOPE.
2. REFER TO BC&A ARCHITECTS DWG. A102.1, DATED 4/21/16 FOR BUILDING OCCUPANCIES AND FIRE WALLS.
3. REFER TO DWG. TTRWI-0009 FOR SURVEY INFORMATION USED TO DETERMINE AVG. BASE EL. & LOWEST ROOM OVERALL POINT.
4. CURBS AND RAMPS ARE EQUIVALENT TO BERMS

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MILWAUKEE BUILDING ELEVATION

SECONDARY CONTAINMENT AREAS

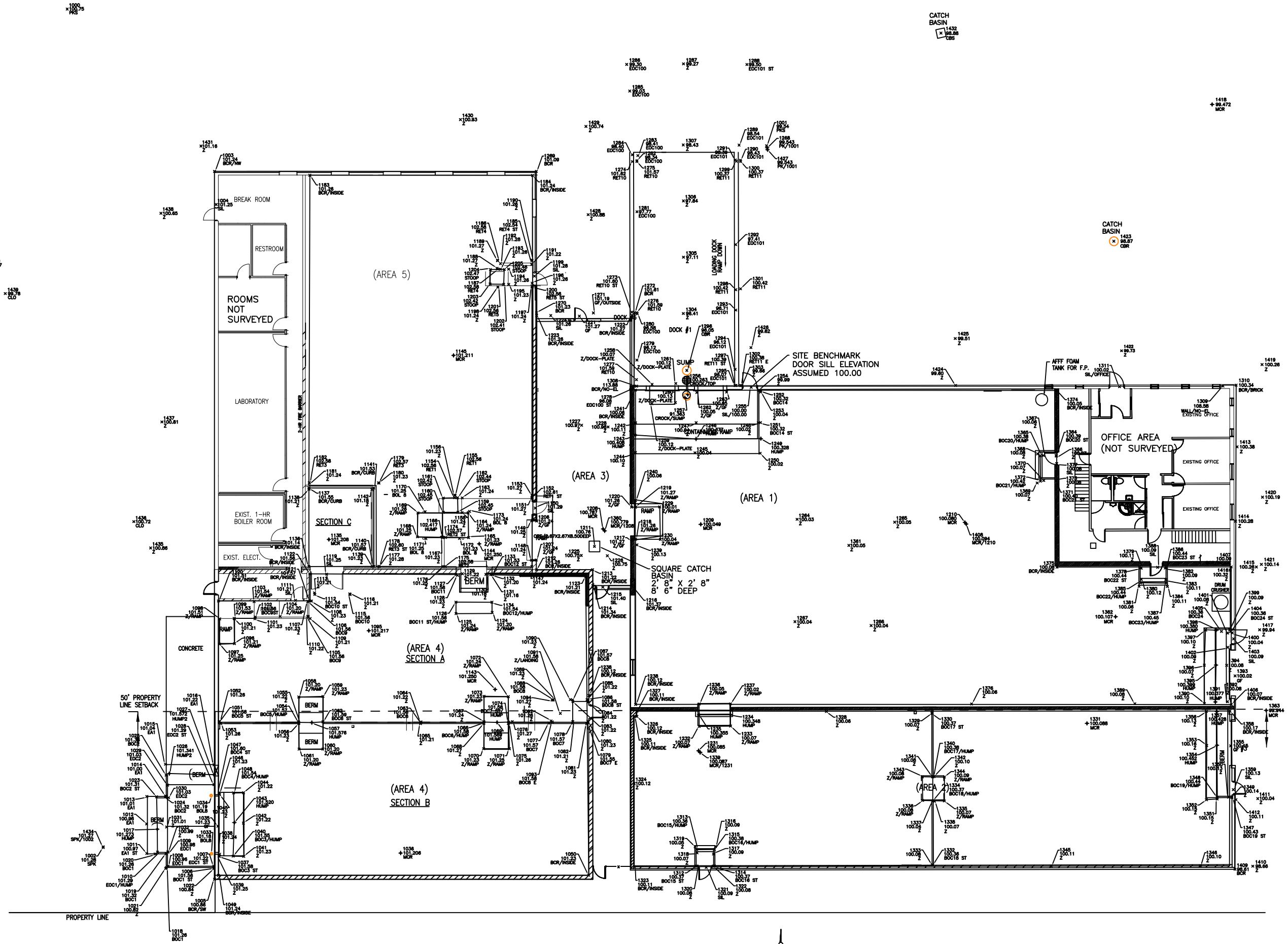
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APPENDIX R-8

Survey Data

TTRWI-0009



FACILITY PLAN

SCALE 1" = 20'

0' 20'

1" OR PORPORTIONAL

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MILWAUKEE BUILDING ELEVATION

SURVEY DATA

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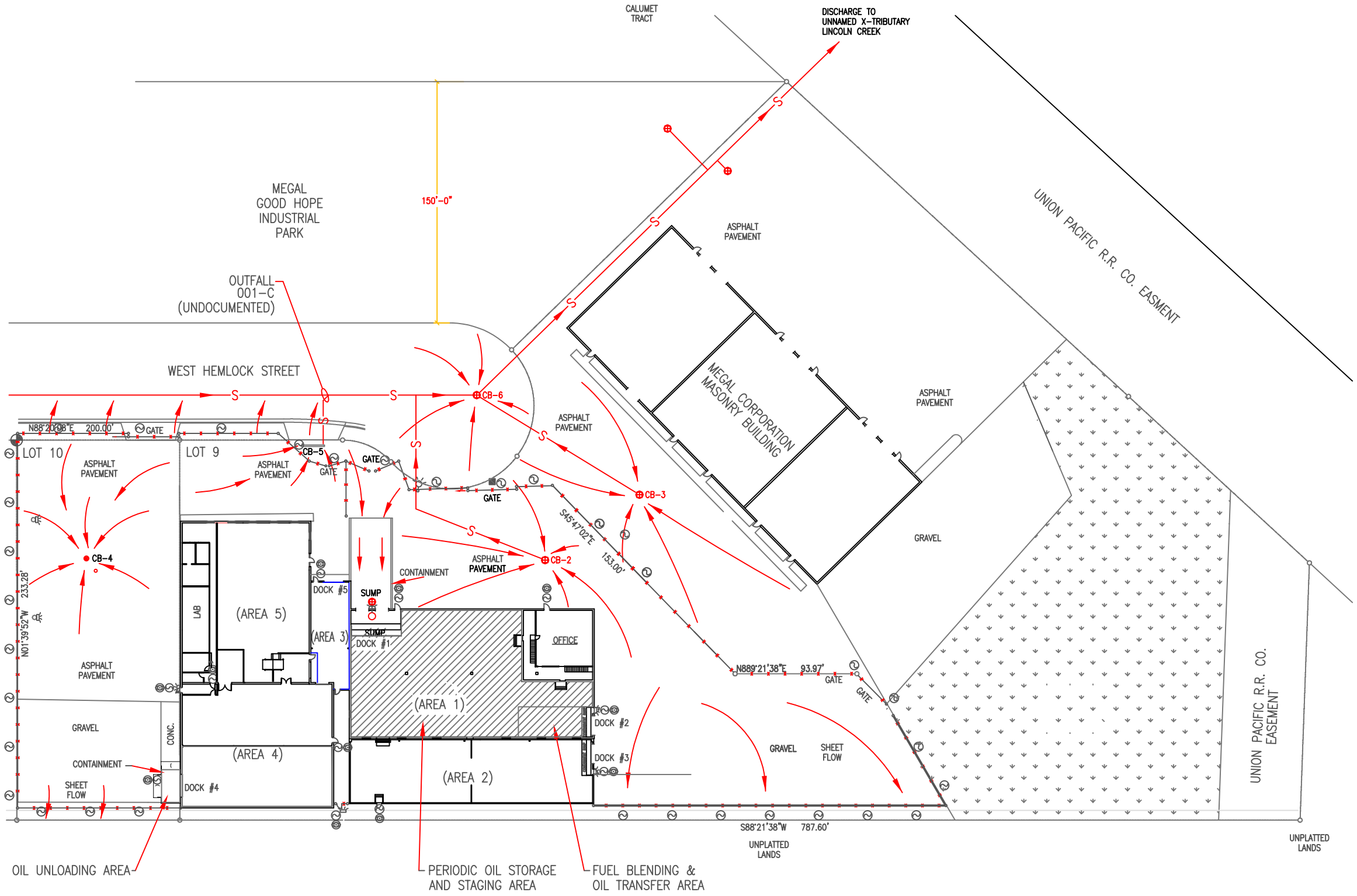
APPENDIX R-9

SPCC Site Plan Drawing

TTRWI-0101

SPCC PLAN – SITE PLAN

SCALE 1" = 50'
0'——50'
1" OR PORPORTIONAL



LEGEND

- WARNING SIGN READS: DANGER UNAUTHORIZED PERSONNEL KEEP OUT
- WARNING SIGN READS: EYE PROTECTION REQUIRED
- CATCH BASIN
- PUBLIC LIGHT POLE
- SECURITY LIGHTING
- INTERCOM/KEY PAD OPERATOR
- SECURITY FENCE 6'-0" HIGH W/(3) STANDS OF BARBED WIRE
- PANIC EXIT GATE (MANUAL)
- SWING GATE (MANUAL)
- ELECTRIC GATE
- STORM SEWER
- FLOW PATTERNS
- PROPERTY LINE
- UNPAVED GRASS OR GRAVEL
- OIL TRANSFER OR STORAGE AREAS

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MILWAUKEE FACILITY

SPCC PLAN - SITE PLAN

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TTRWI-0101

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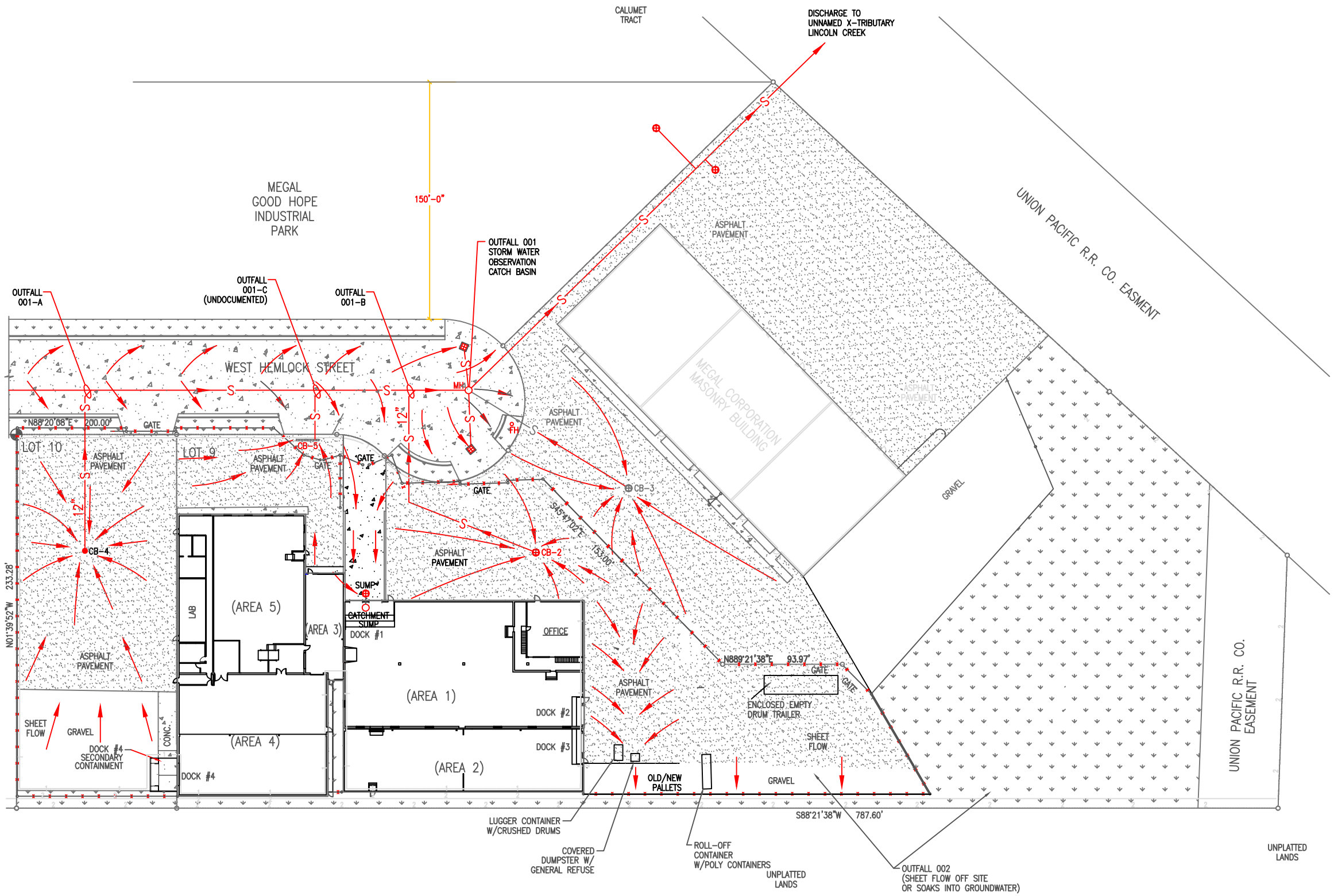
APPENDIX R-10

Drainage Base Map Drawing

TTRWI-0201

STORM WATER POLLUTION PREVENTION PLAN

SCALE 1" = 50'
0'—50'
1" OR PORPORTIONAL



DRAINAGE AREA SUMMARY

DRAINAGE AREA TO OUTFALL 001
TOTAL AREA 001 = 75,282 S.F.
PERVIOUS AREA = 5,460 S.F.
IMPERVIOUS AREA = 69,822 S.F.

DRAINAGE AREA TO OUTFALL 002
TOTAL AREA 002 = 73,313 S.F.
PERVIOUS AREA = 66,885 S.F.
IMPERVIOUS AREA = 6,428 S.F.

LEGEND

- SECURITY FENCE 6'-0" HIGH W/(3) STANDS OF BARBED WIRE
- PANIC EXIT GATE (MANUAL)
- SWING GATE (MANUAL)
- ELECTRIC GATE
- STORM SEWER
- FLOW PATTERNS
- PROPERTY LINE
- UNPAVED GRASS AREA
- GRAVEL AREA
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT

TRADEBE
Tradebe Environmental Services of Wisconsin, LLC
5611 West Hemlock Street
Milwaukee, WI 53223

MILWAUKEE FACILITY

STORM WATER POLLUTION PREVENTION PLAN

DRAINAGE BASE MAP

DATE: 9/16/2020
DRAWN BY: PS | CHECK BY: BV
REVISED: 3/28/24 | REV: 3

TTRWI-0201

TRADEBE
Environmental Services™

SENT ELECTRONICALLY:

March 10, 2025

Lauren Hill
Hazardous Waste Engineer
Hazardous Waste Prevention & Management Section
Waste and Materials Management Program
State of Wisconsin
Department of Natural Resources
1027 W. Saint Paul Avenue
Milwaukee, WI 53233

RE: Request for Further Information #1 (RFI#1); September 2024 Renewal Application FPOR Tradebe Treatment and Recycling of Wisconsin, LLC
EPA ID # WID988580056, FID 241384000
License # 6026 for Storage of Hazardous Waste in Containers
License # 4395 for Treatment of Hazardous Waste in Containers

Ms. Hill:

Tradebe Treatment and Recycling, LLC (Tradebe) received your January 24, 2025 Request for Further Information relating to Tradebe's September 2024 Renewal Application and Feasibility and Plan of Operation Report (FPOR). The letter states that your request for information is based on your initial review and consideration of the completeness requirements at NR 670.010(3) of the Wisconsin Administrative Code. It also states that the response should address Comment #1 and #2 of your letter. In response, please find the attached Tradebe response.

This response is respectfully provided to address the requirements of NR 670.014(2)(x)(2) and provide the information necessary to evaluate the FPOR and aid in your review.

If you have any questions about the information provided, please feel free to contact me at 219.397.3951 or by email me at tita.lagrimas@tradebe.com. I look forward to your feedback and/or response.

Respectfully,
Tradebe Treatment and Recycling LLC

Tita Lagrimas

Tita LaGrimas
Executive Vice President of Regulatory Affairs

Enclosures

cc: Kendall Moore, Tradebe
Ben Petrus, WDNR
Doug Coenen, WDNR
Andrea Keller, WDNR
Norberto Gonzalez, EPA Region 5

WIDNR REQUEST FOR FURTHER INFORMATION #1
JANUARY 24, 2025
TRADEBE RESPONSE

Due: March 10, 2025

Comment #1 – Existing Physical Environment and Adverse and Beneficial Physical Impacts
Section NR 670.014(2)(x)2.c., Wis. Adm. Code requires the Licensee provide a description of the existing physical environment such as the regional and local topography, geology, surface water drainage features, hydrogeologic conditions, air and wetlands as well as an evaluation of groundwater quality data and overall performance of any existing solid or hazardous waste units. While many of these topics were addressed separately in the FPOR, the Licensee should provide a holistic summary of the existing physical environment to support the subsequent discussion of impacts as required per s. NR 670.014(2)(x)2.d., Wis. Adm. Code.

Regional and Local Topography

Based on a map of site topography prepared for the site and surrounding area (see Attachment Q) there is approximately 23 feet of relief across the site. The ground surface drops from the highest point on the site, 733.4 feet above mean sea level (MSL) to approximately 710 feet above MSL on the southeast side of the site and approximately 720 feet above MSL on the northern boundary of the site. Much of the site is flat at approximately 733 feet above MSL Present on the northern/northeastern boundary of the site are Chicago and Northwestern Railroad tracks with an elevated grade. The railroad trends northwest to southeast. This railroad grade influences site surface water runoff in that the lowest part of the site is adjacent to the south side of this grade. This causes site drainage to occur to the southeast along this railroad grade. There are no surface water bodies on-site.

The topographic map drawing included as Appendix Q-1 shows the area surrounding the facility at a distance of 1,000 feet. The scale is one (1) inch equal to not more than 200 feet. The map includes contours sufficient to show surface water flow in the vicinity to and from each operational unit. The topographic map also shows that the closest water well is approximately 1,000 feet southwest of the facility and sitting at an elevation above the facility.

The facility is not located within a 100-year flood plain. The facility appears on the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer FIRMette map as in an Area of Minimal Flood Hazard; therefore, the requirements of NR 670.014(2)(k)(4) and (5) do not apply. FEMA Flood Insurance Rate Map also illustrates the Tradebe facility is in Zone X. Both the FEMA maps (refer to Attachment Q, Appendix Q-3) illustrate that the facility is not located in a 100-year floodplain; therefore, the facility meets the locational requirements of NR 670.014(2)(k).

Geology and Hydrogeology

The characterization of site geology and hydrogeology describes the glacially deposited unconsolidated units, which includes topsoil, and the underlying consolidated bedrock. The description of geology and hydrogeology was based on ten driller's logs of nearby water supply wells (within 1.5 miles), the Soil Survey of Milwaukee and Waukesha Counties Wisconsin and other geologic publications.

Unconsolidated Strata
The facility is located in an area that has been identified as an end moraine for the Lake Michigan Lobe of the Wisconsin ice advance (Alden 1918). Typical end moraine stratigraphy is composed of relatively high percentages of clay till with low potential for containing large deposits of sand and gravel. As confirmed by driller's logs this area has a high potential for containing small to moderate deposits of sand and gravel. Generally speaking, the driller's logs show 50 to 125 feet of clay till overlying what the drillers call limestone but which is more likely dolomite.

There are two soil types that have developed in the upper till units in the area. These two soil types are briefly described in the Soil Survey of Milwaukee and Waukesha Counties, Wisconsin:

> *Cv, Clayey Lands - Primarily within cities or towns where the entire developed soil layer has been excavated for fill material or has been buried during development of the property. The material in this land type is mainly clay to clay loam that has been compacted which causes much potential of rainfall runoff. The soil type is unfavorable for the growth of plants.*
>
> *OuB, Ozoukee Silt Loam - 2 to 6 percent slopes, well drained to moderately well drained silty soils, moderately slow permeabilities with high available water capacity. Natural fertility is moderate.*

Due to the development of the existing buildings and rough grading of the expansion areas, it is unlikely any of these soil types are present today.

Bedrock Stratigraphy
The generalized cross section for southeastern Wisconsin shows the relationship of the sedimentary bedrock that underlies the till at the site.

Based on the map of the bedrock surface, the descriptions of the formations on the generalized cross section, and the descriptions on the driller's logs, it is believed that the bedrock surface at the facility is the Niagaran age dolomite. Though the site lies near the mapped boundary for the western edge of the younger Devonian Milwaukee formation, the geologic log of the well just east of the facility identifies the bedrock surface to be Niagara dolomite.

The upper part of the Niagara is a massive light gray dolomite. The central part commonly contains some chert and is pink at many places. The lower part is a light gray dolomite which is not as massive as the upper part. The Niagara has a maximum thickness of 477 feet in Northeastern Milwaukee County. An extensive system of joints and other fractures has developed in the Niagara and have been enlarged by solution. Though the openings are not cavernous, they make the very dense dolomite permeable.

Hydrogeology

Pleistocene Deposits (Wisconsin Drift)
Permeable sand and gravel deposits in or at the base of the glacial drift are capable of providing water in quantities adequate for domestic or farm supply uses. However, there have been no borings at the site to confirm the existence of a water bearing unit of this type. Although the driller's logs of water supply wells show sand, gravel, and sand and gravel units at 3 to 13 feet thick, it is not known if these units could produce this quantity of water.

Niagara Dolomite
The Niagara is a dense dolomite that is an inconsistent aquifer. Groundwater occurs along joints and bedding planes in this formation. Solution enlarges these openings especially in the upper part of the formation where the preglacial land surface was exposed. Some wells in the Niagaran can produce as much as 600 gallons a minute where as others only produce enough for domestic use (Foley et.al, 1953).

Sandstone Aquifer
The shallow inconsistent aquifers consisting of the glacial drift of Pleistocene age and the Niagara dolomite of Silurian age are separated from the deeper Cambrian and Ordovician age sandstone aquifer that is most frequently used in the area by 90 to 225 feet of Maquoketa Shale which acts as a confining layer. The sandstone aquifer consists of the St. Peter, Eau Claire and Mt. Simon formations with the St. Peter and Mt. Simon being the most productive formations.

Groundwater and Surface Water Quality

Groundwater and surface waters in the Milwaukee/Waukesha area have high natural hardness (Holt, 1970). The average total mineral content of groundwater of all aquifers underlying this area is 435 parts per million (ppm). Sulfate levels in some wells exceed the drinking water standard of 250 ppm. Chloride and iron contents are generally low but can be problematic on a local basis. Hardness of groundwater generally increases with depth (Foley, 1953).

Statistics reports from the University of Wisconsin Center for Watershed Science and Education show private well ground water quality in this section of Milwaukee County have arsenic and nitrate levels that exceed health standards.

According to the United States Geological Survey (USGS) data, the facility is located in a part of the Lincoln Creek watershed that has 9 waterbodies, 172 water monitoring locations and 31 water permitted dischargers. Tradebe's operation at this facility does not require a water discharge permit. Watersheds are given health scores of 0-1 and the overall health score of this watershed is 0.25.

The closest stream or waterway to the site is Lincoln Creek located approximately 538 feet northeast of the facility. Lincoln Creek is an intermittent stream that has an elevation of approximately 700 feet, which makes it a few feet below the site elevation. The waterbody condition for Lincoln Creek is listed as "impaired" for aquatic life as well as fish and shellfish consumption. The waterbody condition is "good" for swimming and boating. These determinations are based on 2024 water monitoring sampling data collected upstream and downstream of the facility by independent sources.

Climatology

The facility is located in the southeast section of the state of Wisconsin which usually has warm summers and mild winters due to the area's proximity to Lake Michigan. Summer temperatures are typically in the 68°F to 73°F range and winter temperatures are typically mild in the 19°F to 26°F range as reflected by the July/August and January/February monthly means.

The average annual total precipitation in southeastern Wisconsin is 31.26 inches, expressed as water equivalent. Only 19.2 percent of the average annual total precipitation is snowfall. Prevailing winds in the region follow a clockwise pattern in terms of the prevailing direction over seasons of the year, being northwesterly in the late fall and winter, northeasterly in the spring, and southwesterly in the summer and early fall. Wind velocities in southeastern Wisconsin may be expected to be less than 5 miles per hour about 15 percent of the time, between 5 and 25 miles per hour about 60 percent of the time, and an excess of 15 miles per hour about 26.5 percent of the time.

Air Quality

The facility is in the Air Quality Nonattainment Area for Ozone only. This facility does not produce air emissions that require an Air Permit or reporting to the ICIS Air Facility System. The facility is subject to Wisconsin Air Emission Standards for Containers as listed at NR 664.1080.

The Wind Rose provided in Attachment Q presents wind direction data for the region. As shown by the wind rose, the region exhibits a rather uniform distribution of wind direction, that is, there are not extreme differences in the frequency of wind directions. Based on averages of the indicated percentages, the wind may be expected to blow from the southwest and northwest each about 20 percent of the time.

Solid Waste Management Units

Tradebe operates 5 buildings located at 5611 West Hemlock Street, Milwaukee, Wisconsin. Each building

acts as a container storage area (CSAs) which are used for storage, shipping, receiving, and waste management activities. Each CSA is constructed with roof, walls, doors, concrete floors and containment barriers which prevent releases to the environment. All building entryways and exits including truck docks are constructed to prevent, or contain, run on or run off from the CSAs (see Attachments B and D for a full facility description).

Storage of hazardous waste occurs in the existing buildings . These buildings are constructed to minimize the possibility of a fire, explosion or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil or surface water which could threaten human health or the environmental. All containment areas are designed in accordance with the requirements of WAC NR 640 and NR 645. The buildings are constructed of 12-iuch thick outside walls and 6-inch thick inside walls. Where there are exits to non-containment areas. Dikes or other containment barriers are constructed at least 6-inches high and 10-inches thick.

Electrical systems and equipment are designed to minimize the possibility of a fire, explosion or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil or surface water which could threaten human health or the environment. All electrical systems and equipment meet the applicable code requirements. All electrical systems and equipment are explosion proof in operational areas throughout the facility.

Containers in CSAs are managed in way to prevent, and/or immediately detect, spills and other accidental releases. When detected, these spills and releases are addressed using Tradebe's Standard Operating Procedures for Spill Cleanup (see Attachment D) and/or Tradebe's Contingency Plan (see Attachment G) for emergencies and spills. Both approaches give careful consideration to preventing any uncontrolled discharge from the facility.

Tradebe experienced a small release of petroleum-based products, as the result of precipitation event. The small release which was from an empty drum roll off hopper was discovered during a June 2017 WDNR inspection. Tradebe reported the incident to the WDNR and excavated the impacted soils. Samples of the removed soils were analyzed by a third-party laboratory. The results indicated the soils were non-hazardous waste and the soil was sent off site for disposal.

Tradebe is aware that the former operator had experienced releases that occurred outside of the buildings on facility grounds. The former operator conducted a series of investigations at the request of the WDNR. As a result of these investigations, the WDNR issued the former operator a No Action Required #09-41-579085 General Property #07-41-579898 dated August 14, 2017 (see Appendix B-2).

Regarding s. NR 670.014(2)(x)2.d., Wis. Adm. Code, the department was unable to locate a discussion of the probable adverse and beneficial physical impacts from continued operation. At a minimum, the Licensee should evaluate and discuss physical impacts (e.g., waste management, surface water drainage/stormwater, air emissions, traffic, and aesthetics). The discussion should include how adverse impacts are managed or mitigated (e.g., managing industrial stormwater consistent with stormwater Permit, containers remained closed only when sampling or transferring waste, etc.) and identify those adverse impacts that cannot be avoided. References to appropriate sections of the FPOR addressing management/mitigation techniques may be included in this response.

Waste Management

Tradebe leases the property at 5611 West Hemlock from Badger Investment Realty. Tradebe maintains the building exterior and interior including signage, lighting, fencing and parking lots such that the buildings remain occupied and well maintained (see Attachment B). The property leased by Tradebe includes a green space on the eastern portion of the property. This area is fenced, has natural vegetation, and is maintained by Tradebe and the property owner. Waste management activities at the facility are performed in accordance with federal, state and local requirements as well as standard industry practices. These activities are conducted indoors during regular business hours.

The purpose of this Tradebe facility is to collect and direct both nonhazardous and hazardous wastes into an appropriate recycling process. To do this Tradebe carefully screens incoming material to ensure it accurately matches the generators description. Containers are opened briefly to facilitate sampling, and briefly again if transfer or other waste management activity that may require an open container. Once these activities are completed, the container is closed. Tradebe stores and manages material according to its chemical and physical characteristics. To eliminate the potential for health risks or environmental harm, unknown material and/or material that is not amenable to Tradebe's waste management processes is not accepted by this facility.

During storage and waste management activities, routine inspections are conducted of the material and the facility. These inspections are designed to detect and address any issue that could potentially compromise the safe, effective management of the material received. (see Attachment F for details about the facility inspections)

In addition to performing waste management processes in accordance with federal, state and local regulations, industry proven procedures, published scientific principles, and standardized Tradebe operating procedures, this facility also has a Contingency Plan designed to prevent and/or minimize hazards to human health or the environment that would be caused by fires, explosions, or unplanned releases of waste constituents to air, land and water. The provisions of this plan will be carried out immediately in the event of a fire, explosion, or release of hazardous waste or waste constituents which could threaten human health or the environment (see Attachment G).

Surface Water/Storm Water Drainage

Tradebe ensures that the stormwater drainage inlets on site are free of debris, and prevent spilled material from entering this system so that stormwater drainage is not hindered or negatively impacted. In the event of a spill or release from this site, the Contingency Plan describes how Tradebe control systems prevent the spilled material from entering the stormwater system. The on-site storm water drainage systems are shown on drawings provided in Appendices R-9 and R-10.

Traffic Flow

Tradebe manages traffic flow to and from the facility in such a way as to not negatively impact traffic in the Area. The facility receives approximately 8 deliveries per day and these are scheduled in a way to minimize traffic and wait times for the drivers. Trucks are not allowed to be parked on Hemlock street (the public road with access to the facility) during overnight hours or on weekends. The traffic flow pattern is shown in drawing provided as Appendix R-3.

Air Emissions

Drums of hazardous waste that are received at Tradebe meet the applicable U.S. Department of Transportation regulations for packaging hazardous material for transportation. All containers are equipped with a cover and closure device that forms a continuous barrier over the container opening such that when the cover and closure devices are secured in the closed position there are no visible holes, gaps or other open spaces into the interior of the containers.

The containers are covered at all times when they are in storage. Sampling of containers and removal of container contents occurs through openings in the drum lid via insertion of a colawasa, trowel, scoop or similiar sampling tool, or a drum pump. Liquid wastes that are received and shipped out by tanker truck are managed in a closed-loop operation that does not result in emissions.

The Licensee may want to consult and use prior hazardous waste licensing correspondence (such as FPORs and approvals) that contain environmental impact assessment information that remains applicable, accurate and up to date. As the updated FPOR does not appear to be proposing any significant changes in hazardous waste operations and any new construction, please clearly affirm this statement as part of the narrative discussing the existing physical environment and impacts.

Continuing Operations

Tradebe currently does not have plans for significant changes to previous hazardous waste operations. Tradebe does not have immediate plans for new construction or plans for modification of existing structures. If such changes are anticipated, Tradebe will submit the appropriate notifications and/or requests for modifications.

Environmental Assessment

Because of the controls and safety procedures employed by Tradebe the risk of a negative impact to the environment is nominal. Wisconsin DNR conducted an Endangered Resources Review and likewise determined that a formal ER Review was not needed and continued operations did not require action to comply with the state endangered species laws. The result of the review is attached.

Comment #2 – Social and Economic Conditions and Impacts
In order to meet the minimum requirements per s. NR 670.014(2)(x)2., Wis. Adm. Code, the Licensee is required to provide a summary of existing social and economic conditions for the facility location and a discussion of probable adverse and beneficial social and economic impacts from continued operation of the facility. The department was unable to locate a discussion on the existing social and economic conditions and impacts from continued operation.

The property on which the facility is located covers approximately acres. The facility is bounded on the north by JES Lighting Inc. a lighting distributor and CPI Restoration Inc. a restoration company, on the northeast by the Chicago and Northwestern Railroad; on the east and south by Packaging Corporation of America, a manufacturer of cardboard boxes; on the west by Journeymen Tool & Technologies, Inc. a tool and die manufacturer. There are approximately 3,792 single family residential homes, 41 multifamily dwellings, and approximately 50 commercial/industrial establishments located within 0.5-miles of the facility. The more heavily populated residential subdivisions begin approximately 0.2 miles northeast of the facility across the railroad tracks.

There are two country clubs; to the west, approximately 810 feet from the facility is Brynwood Country Club and to the east, approximately 1,350 feet from the facility is Tripoli Golf Club. No other parks or recreational areas are known to exist within a 1/2 mile radius of the facility.

Zoning maps provided by the City of Milwaukee Department of City Development show that the facility is zoned for industrial use, which is consistent with the present and proposed facilities. The properties surrounding the Badger Disposal facility are currently used for manufacturing, warehousing, and other commercial activities. Surrounding property owners include:

North of the Facility
5606 W. Hemlock Street
Mega! Development Corp
P.O. Box 18661
Milwaukee, WI 53218

East/Southeast of the Facility
5400 W. Good Hope Road
Strangco Inc.
1900 Spring Road
Oak Brook, ILL 60523

Northeast of the Facility
5601 W. Hemlock Street
Megal Development Corp.
12650 Lisbon Road
Brookfield, WI 53005

West of the Facility
5737 West Hemlock Street
Journeymen Tool & Technologies
5737 W. Hemlock Street
Milwaukee, WI 53223

South of the Facility
5600 W. Good Hope Road
Tenneco Packaging Inc.
1025 W. Everett Road
Lake Forest, IL 60045

Tradebe currently serves over 900 clients which include a variety of commercial, institutional, governmental and industrial companies nationwide that do not generate bulk quantities of waste. The primary function of this facility is bulking and transfer of hazardous and nonhazardous wastes in order to gain access to secondary markets. Customers include the following:

- Colleges and Universities
- Printing Companies
- Government Institutions
- Pharmaceutical Manufacturers
- Environmental Consultants
- Chemical Manufacturers
- Automobile Dealerships
- Automobile Manufacturers
- Railroads
- Can Manufacturers
- Film Manufacturers
- Adhesive Manufacturers
- Machine and Parts Manufacturers

Wisconsin has a limited number of in-state commercial hazardous waste management facilities. These facilities are primarily involved in solvent reclamation. A limited number of liquid incineration and aqueous inorganic treatment also takes place in Wisconsin. As a result, Wisconsin has a shortfall in hazardous waste management capacity. Waste disposal costs continue to rise nationally as Congress expands the list of wastes which are restricted from land disposal and as waste capacity continues to decrease. The Tradebe facility provides storage prior to access to other hazardous waste treatment technologies. Tradebe offers access to Wisconsin generators for hazardous waste treatment options, such as incineration, stabilization as well as landfill facilities.

Some materials simply cannot be recycled because they either have no reclamation value or a user cannot be located within a reasonable amount of time. In these cases, fortunately, the recycling process is not limited to reuse.

These waste materials can become resources for "co-processing". Co-processing is any manufacturing process which uses waste materials in either a single or combined operation to produce a product. Cement manufacturing is one of the largest co-processing industries. Organic liquid wastes replace nonrenewable fossil fuels as the energy source for kiln operation. Wastewaters are used for cooling and make-up water in the cement making process. Wastes used in co-processing not only contribute to the production of an essential product, but conserve natural resources. Co-processing has been hailed by the EPA as one of the most viable waste recycling technologies in existence today.

Tradebe strives to seek more sophisticated and economical means of servicing the hazardous waste management industry. As process equipment improves, as Congress expands the list of wastes restricted from land disposal, and as Tradebe's existing and future clientele's waste needs evolve and expand, Tradebe must remain responsive and competitive, and continue providing an environmentally acceptable and secure means of recycling and/or processing nonhazardous and hazardous wastes.

Activities conducted at Tradebe's facility are based on the objective of redirecting materials from waste streams for the purpose of beneficial reuse or extending the life of a chemical whenever possible, thus reducing the amount of wastes disposed of in landfills. The recycling for most of the materials which are handled at Tradebe is most cost-effective when managed in bulk quantities. The materials received at Tradebe are primarily generated by commercial, institutional and industrial companies which do not generate bulk quantities. Much of this waste can be diverted from landfills and incinerators into various recycling processes or beneficial reuse products. The purpose of this Tradebe reclamation bulking facility is to collect and direct both nonhazardous and hazardous wastes into recycling processes. This presents a very attractive alternative to disposing of this waste in landfills or through incineration.

To assist in development of these discussions the US EPA has developed a publicly available online mapping tool, EJ Screen, that combines published demographic and environmental information spatially and can be used to identify areas potentially experiencing disproportionate exposure to environmental hazards and impacts. There are seven socioeconomic indicators featured in EJ Screen, including people of color, low income, unemployment rate, limited English speaking household, less than high school education, under age 5, and over age 64.

Area Demographics

As of February 6, 2025 by Executive Order, the EJ Screen Mapping Tool no longer exist at the EPA website. The following information regarding demographic and environmental data is taken from EPA's Enforcement and Compliance History database (ECHO). The data shows that the area in a one radius of the facility has approximately 10,000 residents. The residential demographics include residents that are 73% non-white, 42% low income, 80.1% with at least a high school diploma, 27% under age 18, and 34% of households with an annual income greater than $75,000.

Accordingly, the department recommends using the EJ Screen Mapping Tool to identify and discuss existing socioeconomic conditions for a one-mile radius and three-mile radius around the facility. The discussion provided to meet the requirements of ss. NR 670.014(2)(x)2.c.4 and NR 670.014(2)(x)2.d.4, Wis. Adm. Code, for existing conditions and impacts respectively, should include:

- *a narrative summary of socioeconomic conditions based on EJ Screen mapping tool output, or other acceptable data source;*
- *the social and economic impacts from continued operations to local residents, cultural groups, and the communities and industries served by the facility; and*
- *how adverse impacts may be managed /mitigated including probable adverse impacts that cannot be avoided.*

Narrative Summary

The area around the facility is a diverse community reflecting the multiracial, economically diverse make-up of the greater area. Tradebe supports the local economy by hiring locally and paying state and local taxes. Additionally, Tradebe provide a vital service to businesses and institutions throughout the state, while at the same time promoting environmentally friendly recycling of spent material and proper disposal of material that cannot be re-used.

As a benefit to the community, Tradebe is pursuing a partnership with The Hunger Task Force of West Milwaukee and supports their mission to prevent hunger and malnutrition by providing food to people in need today and by promoting social policies to achieve a hunger free community tomorrow. Tradebe also sponsored a job fair and career development seminar that allowed residents to learn about careers in waste management. Tradebe will continue explore outreach and public participation opportunities.

Impact of Continued Operation

Continued operations of this facility will only have a positive impact on the community, cultural groups, and local businesses. Tradebe is committed to, and has created, a team to explore, develop and strengthen community relationships through outreach.

Management and Mitigation of Adverse Impacts

Tradebe's effort to mitigate and manage adverse impacts is ongoing, diligent, and considered the highest priority. The utmost care is taken in each step of the waste management process. Each step takes into consideration federal, state and local regulations as well as industry approved best practices for safe effective management of waste materials.

Tradebe is an industry leader in waste recycling and reuse. The company's Chemical Reuse Program redirects qualified manufacturing byproducts away from traditional waste disposal methods, and instead directs them to manufacturers that do not require virgin chemicals. The company's commitment to reuse or recycling differentiates us from the competition and allows us to cost effectively manage waste streams making Tradebe a valuable resource to the local community.

Note: In order to fill and save this form electronically, it must be opened using Adobe Reader or Acrobat software. Save a copy of the file, open Adobe Reader, select File > Open and browse for the file you saved.

State of Wisconsin
Department of Natural Resources
Bureau of Natural Heritage Conservation
Endangered Resources Review Program
PO Box 7921, Madison WI 53707-7921
https://dnr.wi.gov/topic/ERReview/
DNRERReview@wisconsin.gov

Endangered Resources (ER) Review Verification

Broad Incidental Take Permit/Authorization for No/Low Impact Activities

Form 1700-079 (R 05/2024)

Notice: This form is authorized by s. 29.604, Wis. Stats. This completed signed form, once submitted to **DNRERReview@wi.gov** using the Submit by Email button at the bottom of the form, fulfills the requirement of an Endangered Resources Review and should be attached to other permits requiring an ER Review to show that Endangered Resources requirements have been met. Personal information collected on this form will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records law [ss. 19.31-19.39, Wis. Stats.].

Instructions: **Complete this form if your project is covered under the Broad Incidental Take Permit/Authorization for No/Low Impact Activities and therefore does not require an Endangered Resources Review.**

Section 1: Applicant and Project Information

Requester Name	Organization or Agency Name
Tita Lagrimas	Tradebe Treatment and Recycling, LLC

Project Name	County	Township	Range	Section
Tradebe Treatment and Recycling of Wisconsin, Renewal	Milwaukee	08 N	21 (●E ○W)	14

DPS Project # (if applicable)	Telephone Number	Email Address
	(219) 746-8713	tita.lagrimas@tradebe.com

Project Description
Continuing operations--ER Review was requested as part of other DNR permitting.

Indicate who you are completing this form as:

- (●) DNR Staff
- ( ) Certified Reviewer
- ( ) Other: _____

Section 2: Broad Incidental Take Permit/Authorization Coverage Information

How is your project covered under the Broad Incidental Take Permit/Authorization for No/Low Impact Activities?

- [ ] It is included in the list of activities in Table 1 – No/Low Impact Table for All Species at All Times of the Year.
- [x] It is included in the list of activities in Table 2 – No/Low Impact Table by Taxa Group for DNR Staff and ER Certified Reviewers Only and the Taxa groups for the species of concern are covered.
- [ ] It is included in the list of activities in Table 2 – No/Low Impact Table by Taxa Group for DNR Staff ER Certified Reviewers Only and the species of concern are covered by the Avoidance Measures document.

Activity Number(s)
2-A21, Continuing operations

Section 3: Applicant Certification

By my signature below, I certify that to the best of my knowledge, the information stated above is complete and accurate.

Signature	Date Signed	Requester/Submitter Name (please print)
Melissa Tumbleson	8/8/2024	Melissa Tumbleson

Leave Blank – DNR Use Only

Approve/Deny Form [ ]

(●) Approved ( ) Denied

DNR Reviewer Name	DNR Reviewer Date
Angela White	08/08/2024