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	GA	S VALVE			$\overline{}$			Εľ	NGINEERII	NG
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$\bowtie$	WA	TER VALVE	-		INC					
	INL	ETS								
Ø	UT	ILITY POLE		C	)' 10'	20' 30	,			
EM	ELI	ECTRICAL N	METER	1	1" = 20' 1" = 40'	on 22"x34"				
AC	AIF	R CONDITIO	NING UNI	Т	1 - 10					
	AP AP AP CE AP	PROXIMATI PROXIMATI PROXIMATI NTERLINE PROXIMAT	E PROPER E PLATTEI E RIGHT-C E FASEME	TY LINE D LINE DF-WAY LI	NE					
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<u>n na provinska politika (k. 1979)</u> 1	AS	AVEL PAVE PHALT PAV	EMENT					200		03 )N,
	CO	NCRETE PA	AVEMENT					E C	So Se	- 7   SC
870	— — co	NTOUR MA	JOR					m	2 * 11U-11	701 1AD
868	— — CO	NTOUR MI	NOR						,	
<ol> <li>2. ELEVATIONS ARE</li> <li>3. SUBSURFACE UT FEATURES AND A</li> <li>4. BEFORE EXCAVA UNDERGROUND</li> <li>5. THIS PARCEL IS \$</li> <li>6. FEATURES HAVE ELEMENT ENCRO NOT BE DETERM</li> </ol>	ILITIES AND ACCESSORIES TION, APPRC UTILITIES, CO SUBJECT TO BEEN LOCA <sup>T</sup> DACHMENT, INED BY SUF	FIXTURES S, DIGGERS PRIATE UT DNTACT DI ALL EASEM FED BY SUF CLAIM OF U RVEYOR.	AMERICA SHOWN O HOTLINE ILITY COM GGERS HO GGERS HO IENTS AN RVEYOR IN UNRECOR	N VERTIC FIELD MA IPANIES S DTLINE, AT D AGREEN I FIELD TH DED EASE	AP HAVE BE ARKINGS AN HOULD BE T 1.800.242.8 MENTS, BOT HAT MAY HA MENT, PRE	OF 1988 (NAVD88). EN APPROXIMATEI D EXISTING MAPS CONTACTED. FOR 511 OR 811 H RECORDED AND VE ADVERSE TITLE SCRIPTIVE EASEM	D BY LOCATING SURFACE AND RECORDS. EXACT LOCATION OF UNRECORDED. E ELEMENTS. AS TO WHICH ENT, AND SO FORTH CAN		ΝΕ COUNTY,	
			BENCH	IMARK TA	BLE				Αľ	
BM LABEL	ELEV	ATION			DESCF	RIPTION			$\Box$	
BM - 1	870	).44	CHISELED	X IN COM	NCRETE RETA	INING WALL		S	, ,	$\cap$
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BM – 3	881	.73	TOP NU	F OF HYD	RANT ON V	IEST SIDE OF RET	THKE AVENUE	Z	S(	$\succ$
* REFER	TO GENERAL	NOTE NO.	. 2					⊢	$\Box$	
Г									AI	L U
-		SANITAR	RY SEWE	R STRU	CTURE TA	ABLE			$\geq$	&
_	STRUCT #	RIM ELEV.	INV DIR.	ELEV.	PIPE SIZE	PIPE MATERIAL				$\underline{\bigcirc}$
	SAN-1	867.42	NW	857.42	8" 4"	VP PVC			0	H L
			S	855.62	8"	VP			$\succ$	itle: 5RA
	SAN-2 (IN RFTHKE	880.50	N	870.10	8"	VP				et T 0(
	AVENUE AT		N NE	873.08	8" 8"	VP VP		<b>-</b>	$\odot$	Shee
	RETHKE)		S	870.04	8"	VP		Revisions	3:	
	KETTIKE/		0							
	SAN-3	865.64	E	859.90	8"	VP		No. Dat	e: Description:	
	SAN-3	865.64	E S	859.90 860.10	8" 4"	VP VP		No. Dat	e: Description:	
_	SAN-3	865.64	E S	859.90 860.10	8" 4"	VP VP		No. Dat	e: Description:	
[	SAN-3	865.64 STORM \$	E S SEWER S	859.90 860.10	8" 4" URE TABL	VP VP		No. Dat	e: Description:	
[	SAN-3 STRUCT #	865.64 STORM S RIM ELEV.	E S SEWER S	859.90 860.10 STRUCT ELEV.	8" 4" URE TABL PIPE SIZE	VP VP E PIPE MATERIAL		No.         Dat	e: Description:	
	SAN-3 STRUCT # STM-1	865.64 STORM S RIM ELEV. 864.90	E S S EWER S INV DIR. N	859.90 860.10 STRUCT ELEV. 859.90	8" 4" URE TABL PIPE SIZE 24"	VP VP E PIPE MATERIAL RCP		No.         Dat	e: Description:	
	SAN-3 STRUCT # STM-1 (INTER. OF RETHKE & COMM	865.64 STORM S RIM ELEV. 864.90	E S SEWER S INV DIR. N E	859.90 860.10 STRUCT ELEV. 859.90 858.60 858.60	8" 4" URE TABL PIPE SIZE 24" 42"	VP VP E PIPE MATERIAL RCP RCP		No. Dat	e: Description:	
	SAN-3 STRUCT # STM-1 (INTER. OF RETHKE & COMM. AVE.)	865.64 STORM S RIM ELEV. 864.90	E S SEWER S INV DIR. N E SW	859.90 860.10 STRUCT ELEV. 859.90 858.60 858.60	8" 4" URE TABL PIPE SIZE 24" 42" 42"	VP VP E PIPE MATERIAL RCP RCP RCP		No.         Dat	e: Description:	
	SAN-3 STRUCT # STM-1 (INTER. OF RETHKE & COMM. AVE.) STM-2	865.64 STORM S RIM ELEV. 864.90	E SEWER S INV DIR. N E SW	859.90 860.10 STRUCT ELEV. 859.90 858.60 858.60 858.60	8" 4" URE TABL PIPE SIZE 24" 42" 42" 24"	VP VP E PIPE MATERIAL RCP RCP RCP RCP		No.         Dat	e: Description:	
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	SAN-3 STRUCT # STM-1 (INTER. OF RETHKE & COMM. AVE.) STM-2 STM-3	865.64 STORM S RIM ELEV. 864.90 870.31 865.45	E SEWER S INV DIR. N E SW N S E S	859.90 860.10 STRUCT ELEV. 859.90 858.60 858.60 866.31 863.89 860.21 860.21	8" 4" URE TABL PIPE SIZE 24" 42" 42" 24" 24" 36" 36"	VP VP VP		No. Dat	e: Description:	20' 30'
	SAN-3 STRUCT # STM-1 (INTER. OF RETHKE & COMM. AVE.) STM-2 STM-2 STM-3	865.64 STORM S RIM ELEV. 864.90 870.31 865.45	E SEWER S INV DIR. N E SW N S E S	859.90 860.10 STRUCT ELEV. 859.90 858.60 858.60 866.31 863.89 860.21 860.21	8" 4" URE TABL 24" 42" 42" 24" 24" 24" 36" 36"	VP VP PIPE MATERIAL RCP RCP RCP RCP RCP RCP RCP	<b>HOTLINE</b>	No. Dat	e: Description:	20' 30'
	SAN-3 STRUCT # STM-1 (INTER. OF RETHKE & COMM. AVE.) STM-2 STM-2 STM-3	865.64 STORM S RIM ELEV. 864.90 870.31 865.45	E SEWER S INV DIR. N E SW N S E S	859.90 860.10 STRUCT ELEV. 859.90 858.60 858.60 866.31 863.89 860.21 860.21	8" 4" URE TABL 24" 42" 42" 24" 24" 24" 36" 36" 36"	VP VP VP PIPE MATERIAL RCP RCP RCP RCP RCP RCP RCP RCP RCP RCP	<b>FIGTURE</b> 50) 242-8511	No. Dat	e: Description:	20' 30'



<sup>BM-1</sup>⊕



### LEGEND (PROPOSED)

	PROPERTY BOUNDARY
_···_··	EASEMENT
	BUILDING FOOTPRINT
	18" CURB AND GUTTER
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
· · · · · ·	STORMWATER TREATMENT FACILITY





### **GENERAL NOTES**

- 1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON SEPTEMBER 13, 2018. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
- 2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
- 3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
- 4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
- 5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
- 6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- 7. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGES AT ANYTIME PER THE RECOMMENDATIONS / PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.

### SITE INFORMATION BLOCK:

SITE ADDRESS: 701-703 RETHKE AVENUE SITE ACREAGE: 1.03 AC

USE OF PROPERTY: FITNESS FACILITY CURRENT ZONING: TRADITIONAL EMPLOYMENT (TE)

### SETBACKS: FRONT YARD: NONE REAR YARD: 20-FEET

SIDE YARD: 6-FEET

TOTAL NUMBER OF PARKING STALLS: 45 NUMBER OF STALLS DESIGNATED ACCESSIBLE: 2

TOTAL NUMBER OF BIKE STALLS: 12

EXISTING IMPERVIOUS SURFACE AREA: 41,876 SQ.FT. ROOFTOP: 800 SQ.FT. PAVED: 41,076 SQ.FT.

NEW IMPERVIOUS SURFACE AREA: 2,146 SQ.FT.

REDEVELOPED IMPERVIOUS SURFACE AREA: 31,775 SQ.FT.

REMOVED IMPERVIOUS SURFACE AREA: 10,000 SQ.FT. NET IMPERVIOUS AREA: 32,558 SQ.FT.

### ROOFTOP: 14,000 SQ.FT. PAVED: 18,558 SQ.FT.

DISTURBANCE LIMITS: 44,000 SQ. FT. IMPERVIOUS SURFACE AREA WITHIN DISTURBANCE LIMITS: 32,558 SQ.FT. PERCENT IMPERVIOUS WITHIN DISTURBANCE LIMITS: 72.8%

BENCHMARK TABLE				
BM LABEL	ELEVATION	DESCRIPTION		
BM — 1	870.44	CHISELED X IN CONCRETE RETAINING WALL		
BM — 2	868.01	TOP NUT OF HYDRANT ON NORTH SIDE OF BURKE ROAD		
* REFER TO GENERAL NOTE NO. 2				



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XWISTE X JUJINSU	D FITNESS TO MURI	701–703 RETHKE AVENUE MADISON, WI 53714
TWISTED FITNESS	CITY OF MADISON. DANE COUNTY. WI	Sheet Title: SITE PLAN
Revisions: No. Date	: Descript	ion:
Graphic		
Scale	0'5'10'	20' 30'
Wyser Number	18-056	53
Set Type	PLAN APF & BUILDII	PROVAL NG PERMIT
Date Issued	12/1//	<sup>1</sup> 2018
Sheet		
Number		.UU



- SOIL STOCKPILES WHICH ARE LEFT UNUSED FOR MORE THAN 7 DAYS SHALL BE STABILIZED 2.3. ALL SLOPES GREATER THAN 4:1 SHALL BE STABILIZED WITHIN TWO MONTHS (60 DAYS) OF
- 3. 04/02/2019 08/15/2019 MASS GRADING/SUBGRADE PREPARATION AND BUILDING
- 4. 06/01/2019 TEMPORARY MULCH OR EROSION MAT ON DISTURBED OPEN AREAS OUTSIDE OF
- 6. 09/01/2019 BIORETENTION CONSTRUCTION INCLUDING SUBSURFACE MATERIALS. FINAL
- 7. 09/15/2019 FINAL SITE STABILIZATION ALL PERVIOUS AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH A MINIMUM OF 6" OF TOPSOIL, FERTILIZER, SEED,

### LEGEND (PROPOSED)

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ISIBLE FOR: E WINGS. ANY NEER AND	- []

**GENERAL NOTES** 

PROPERTY BOUNDARY - EASEMENT BUILDING FOOTPRINT DISTURBANCE LIMITS 18" CURB AND GUTTER ASPHALT PAVEMENT CONCRETE PAVEMENT — MAJOR CONTOUR — MINOR CONTOUR STORM SEWER ----- SILT FENCE/SILT SOCK INLET PROTECTION \_\_\_\_\_ SPOT GRADE — — — — — — — — DRAINAGE GRADE BREAK

DRAINAGE ARROW





1.	UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON SEPTEMBER 13, 2018. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.			
2.	THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.			
3.	CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.			
4.	WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.			
5.	IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.			
6.	ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.		STED	TITNE
C	CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS	74	J.C.	23.5
1.	ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE CURRENT WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS (dnr.wi.gov).	* 110,		THAL*
2.	EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE.		TSU	NURY
3.	ENGINEER / CITY OF MADISON HAS THE RIGHT TO REQUIRE CONTRACTOR TO IMPLEMENT ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY.CONTRACTOR MUST NOTIFY THE CITY OF MADISON BUILDING INSPECTOR TWO (2) WORKING DAYS IN ADVANCE OF ANY SOIL DISTURBANCE ACTIVITIES.			
4.	EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSPECTED ONCE PER WEEK AND FOLLOWING EACH RAINFALL EVENT. INSPECTION REPORTING SHALL BE IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.			, √
5.	IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES IN WORKING ORDER. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER.			UNT
6.	DEWATERING PRACTICES SHALL COMPLY WITH TECHNICAL STANDARD 1061.			0
7.	DUST CONTROL SHALL BE MITIGATED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1068.			
8.	ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED IMMEDIATELY FOLLOWING FINAL GRADING ACTIVITIES.			NE
9.	SEED MIX AND RATE SHALL BE, AT A MINIMUM, IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1059.			DA
10	PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE VEGETATION PLAN FOR ENGINEER / OWNER APPROVAL. VEGETATION PLAN AND BIORETENTION INSTALLATION SHALL BE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1004.	ESS	) ) 	ON,
11	. CONTRACTOR TO PROVIDE SOLID LID OR METAL PLATE ON ALL OPEN MANHOLES DURING CONSTRUCTION TO MINIMIZE SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM.			No.
12	. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THE MUNICIPAL EROSION CONTROL PERMIT AND FOLLOWING ALL APPLICABLE REQUIREMENTS.		•	AD
G	RADING, SEEDING & RESTORATION NOTES	$  \cap$	1	$\geq$
1.	ALL GRADES SHOWN ARE FINAL FINISHED SURFACE GRADES.			
2.	AREAS TO BE SEEDED SHALL HAVE A MINIMUM 6 INCHES TOPSOIL UNLESS OTHERWISE NOTED.			$\circ$
3.	RESTORATION SHALL OCCUR AS SOON AS PRACTICABLE AFTER THE DISTURBANCE, WITHIN 7 DAYS OF TOPSOILING.		/	
4.	AREAS NOT RESTORED WITH EROSION MATTING OR OTHER STABILIZATION MEASURES SHALL BE STABILIZED WITH MULCH.		•	U.
5.	APPLY ANIONIC POLYMER TO DISTURBED AREAS IF EROSION BECOMES PROBLEMATIC.	Revis	sions:	
6.	INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES AND PROVIDE TEMPORARY SEEDING ON STOCKPILES WHICH ARE TO REMAIN IN PLACE FOR MORE THAN 7 DAYS.	No.	Date:	Description:
7.	CONTRACTOR TO DEEP TILL ALL COMPACTED PERVIOUS SURFACES PRIOR TO SEEDING AND MULCHING.			
8.	MULCH SHALL BE WEED-FREE STRAW AND SHALL BE INSTALLED AT THE RATE OF 2 TONS PER ACRE PER SECTION 627 OF "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" (WISDOT 2014)			
9.	PERMANENT SEEDING SHALL NOT OCCUR BETWEEN SEPTEMBER 15TH AND APRIL 15TH. ALTERNATE SEEDING/PLANTING METHODS AND/OR EROSION PROTECTION MAY BE NECESSARY			

NECESSARY. 10. TEMPORARY STABILIZATION SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING OPTIONS: a. TEMPORARY SEEDING CONSISTING OF ANNUAL RYE GRASS APPLIED AT A RATE OF 1.5 LBS PER 1000 SQUARE FEET, WISDOT PAL CLASS I TYPE B URBAN EROSION CONTROL MAT. b.

FOR SEEDING/PLANTING THAT OCCURS DURING THAT TIME. COORDINATE WITH THE OWNER AS

11. ALL SLOPES EXCEEDING 5:1 SHALL USE PRESCRIPTIVE COMPLIANCE INCLUDING SLOPE INTERUPPTION PER WDNR TECH. STD. 1071, SOIL STABILIZATION (PERMANENT SEEDING AND CLASS I, TYPE B EROSION MATTING ON SLOPES OR CLASS II, TYPE B MATTING IN DRAINAGE SWALES) AND LIMITING THE MAX PERIOD OF BARE SOIL TO 60 DAYS FOR LAND DISTURBANCE BETWEEN SEPTEMBER 16 AND MAY 1 AND 30 DAYS FOR LAND DISTURBANCE BETWEEN MAY 2 AND SEPTEMBER 15.



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Sheet

Number

* 10, 1750		PR THAL	701-703 MADISON,
TWISTED FITNESS		CITY OF MADISON, DANE COUNTY, WI	sheet Title: GRADING, EROSION CONTROL & UTILITY PLAN
o. Date	:	Description:	
Graphic Scale	0'	5'10'	20' 30'
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WINSTER WINSTER	D FITNESS * INH MUAN	701–703 RETHKE AVENUE MADISON, WI 53714		
TWISTED FITNESS	CITY OF MADISON, DANE COUNTY, WI	Sheet Title: DETAILS		
Revisions: No. Date	: Description	:		
Graphic				
Wyser Number	18-0563	20 30		
Set Type	PLAN APPR & BUILDING	OVAL PERMIT		
Date Issued	12/14/2	018		
Sheet Number	C401			



### LEGEND (PROPOSED)

	PROPERTY BOUNDARY
_·· _ ·· _ ·· _ ·· _ ·· _	EASEMENT
<u> </u>	BUILDING FOOTPRINT
	18" CURB AND GUTTER
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT



# City of Madison Fire Department 314 W Dayton Street, Madison, WI 53703-2506 Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

Project Address: 701 Rethke Avenue	
Contact Name & Phone #: Mark Plavcan; 608-279-4154	
Contact Name & Phone #: Walk FlavCall, 606-279-4154	
FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET	

letely protected by an NFPA 13 or 13R automatic fire sprinkler system? d, fire lanes extend to within 150-feet of all portions of the exterior wall? e lanes are within 250-feet of all portions of the exterior wall?	X Yes Ves X Yes	□ No □ No □ No	□ N// X N// □ N//
ructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs? minimum unobstructed width of at least 20-feet? mobstructed with a vertical clearance of at least 13½-feet? inside turning radius of the fire lane at least 28-feet? he fire lane not more than a slope of 8%? osted as fire lane? (Provide detail of signage.) b used as part of the fire lane? (Provide detail of curb.) walk used as part of the required fire lane? (Must support +85,000 lbs.)	X Yes X Yes Yes Yes Yes Yes Yes Yes Yes	□ No □ No □ No □ No ○ No ○ No ○ No ○ No	N//    N//    N//    N//    N//    N//
acted by security gates or barricades? If yes: aimum of 20-feet clear opening? neans of emergency operations installed, key vault, padlock or key switch?	☐ Yes ☐ Yes ☐ Yes	No No No	N/2  X N/2  X N/2
-ended with a length greater than 150-feet? a for turning around fire apparatus comply with IFC D103?	☐ Yes ☐ Yes	X No	□ N// X N//
building to be used for high-piled storage in accordance with IFC Chapter 3206.6 6.6 for further requirements.	🗌 Yes	X No	🗌 N/A
lding greater than 30-feet above the grade plane? following questions:	🗌 Yes	🗶 No	□ N/2
aratus fire lane parallel to one entire side of the building and covering at least meter?	🗌 Yes	🗌 No	X N/2
of the aerial apparatus fire lane between 15' and 30' from the building? /erhead power or utility lines located across the aerial apparatus fire lane? ee canopies expected to grow across the aerial fire lane? (Based on mature	☐ Yes ☐ Yes	□ No □ No	X N/2 X N/2
f tree species) apparatus fire lane have a minimum unobstructed width of 26-feet? veen the aerial lane and the building free of trees exceeding 20' in heights?	☐ Yes ☐ Yes ☐ Yes	□ No □ No □ No	X N/2 X N/2 X N/2
e required fire lanes within 500-feet of at least (2) hydrants?	X Yes	🗌 No	🗌 N/2
all be measured along the path of the hose lay as it comes off the fire apparatus. at least 26' wide for at least 20-feet on each side of the hydrants? 40' between a hydrant and the building? (s) setback no less than 5-feet nor more than 10-feet from the curb or edge of the	X Yes X Yes	□ No □ No	□ N// □ N//
ne?	Yes		X N//

Attach an additional sheet if further explanation is required for any answers.

H2

— HH

This worksheet is based on MGO 34.503 and IFC 2015 Edition Chapter 5 and Appendix D; please see the codes for further information.



Revised 1/21/2016

Toll Free (800) 242-8511 -or- 811 Hearing Impaired TDD (800) 542-2289 www.DiggersHotline.com

	<b>V</b> EN	/ IGIN	YS	ER ING			
······································	STE		Less * IUHL	701–703 RETHKE AVENUE	MAUISON, WI 56/14		
TWISTED FITNESS			CITY OF MADISON, DANE COUNTY, WI	Sheet Title: FIRE APPARATUS ACCESS EXHIBIT			
Revis No.	ions: Date	:	Descriptio	on:			
Grapl	nic	0'	5' 10'	20'	30,		
Wyse Numl Set Type	r ber	18 PLA &	-056 N APP BUILDIN	3 ROVAL G PERM			
Date  Issue	d	12/14/2018					
Shee Numi	t Der		FD	1			



![](_page_6_Figure_1.jpeg)

### General Notes:

- 1) All NEW construction shall comply with the ADA and all Governing and applicable national, state, and local Building, Plumbing, Electrical, Fire Protection, and HVAC codes.
- 2) Adherance to Code Requirements of the New construction shall be the strict responsibility of the Owner/Builder. The Architect shall not be held liable for any such unauthorized deviations or violations of any applicable Building, Plumbing, HVAC, Electrical, or Fire Protection codes or the ADA (Americans with Disabilities Act).
- Window units (clad exterior), double pane, low E of the style and sizes as indicated on the FLOOR PLANS and EXTERIOR ELEVATIONS. Provide code compliant egress windows where required. All operable window units shall have insect screens and be lockable.
- vented soffits/louvers and continuous ridge vents, etc. as

- accessories, etc.
- Noted-Otherwise) with Lever Handles.

![](_page_7_Figure_10.jpeg)

NOTE:
BUILDING SHALL BE
FULLY-SPRINKLERED
PER NEPA-13

![](_page_7_Figure_15.jpeg)

![](_page_8_Picture_0.jpeg)

**PROPOSED BUILDING** 

													Ľ	$\square$											
•0.0	•0.0	•0.1	•0.2	•0.5	• 1.0	• 2.1	•4.8	<b>OB</b> 8.1	•5.5	•2.8	•2.3	•3.3	• <b>OB</b> 6.4	•7.5	•3.8	• 1.7	•0.9	•0.5	•0.2	•0.1	•0.1	•0.1	•0.0	•0.0	•0.0
•0.0	•0.1	•0.2	•0.4	•0.8	1.5	•3.0	5.3	<b>8</b> .3	• 6.2	• 4.1	•3.5	4.5	6.9	•7.8	4.7	•2.7	•1.3	0.8	•0.4	•0.2	•0.2	•0.1	•0.1	•0.0	•0.0
•0.1	•0.1	•0.2	•0.4	•0.9	•1.6	• 2.9	• 4.1	• <b>5.</b> 3	• 4.7	•3.9	•3.6	3.9	• 4.8	• 5.1	•3.8	•2.7	•1.6	•1.0	•0.7	•0.4	•0.2	•0.1	•0.1	•0.0	•0.0
•0.1	• 0.1	•0.2	•0.5	•0.9	• 1.6	• 2.6	•3.4	•4.0	•3.7	•3.3	•3.0	3.1	• 3.3	3.5	• 3.1	• 2.5	•1.9	• 1.5	•1.0	•0.7	•0.4	•0.2	•0.1	•0.1	•0.0
•0.1	•0.1	•0.3	•0.5	•1.0	• 1.7	<b>2</b> .5	•3.2	•3.6	•3.5	•3.0	•2.7	• 2.5	•2.5	• 2.6	• 2.7	•2.7	• <b>2.</b> 6	• 2.1	•1.5	•1.0	•0.6	0.3	•0.1	•0.1	•0.0
•0.1	•0.1	•0.2	0.5	•1.0	• 1.7	•2.8	•3.7	•4.4	•3.9	• <b>3.</b> 1	•2.4	• <b>1</b> .9	1.9	•2.2	•2.8	• <b>3.</b> 4	•3.8	•3.1	•2.2	•1.2	•0.7	•0.3	•0.1	•0.1	•0.0
•0.0	• 0.1	•0.2	•0.4	•0.9	• 1.7	•3.3	5.1	• 6.5	• <b>5</b> .0	• <b>3.</b> 4	• <b>2</b> .0	•1.4	• 1.4	• 1.8	•3.1	• 4.6	• 6.2	•4.9	• <b>3.</b> 2	• <b>1.</b> 5	•0.7	•0.3	•0.1	• 0.1	•0.0
•0.0	• 0.1	•0.1	•0.3	•0.7	• 1.5	•3.3	6.7	•10.0	• 6.0	• 3.1	• 1,6	•1.1	• 1.0	• 1.5	•2.9	• 5.7	• 9.8	• 6.7	• <b>3.</b> 2	• <b>1.</b> 4	•0.6	•0.2	•0.1	•0.0	•0.0
•0.0	•0.1	•0.1	•0.2	•0.4	• 0.7	• 1.6	4.3	<b>•</b> 7.3	•3.8	• 1.5	•0.8	•0.6	•0.6	•0.8	•1.4	•3.4	• 7:. 1	•4.5	•1.6	0.6	•0.3	•0.1	•0.0	•0.0	•0.0
•0.0	•0.0	•0.1	•0.2	•0.3	•0.6	• 1.4	3.7	<u>6</u> .3A	•3.1	•1.2	•0.6	•0.4	•0.4	• 0.6	•1.1	•2.8	• <sup>th</sup> 6.0	•3.8	•1.3	-0.6	•0.3	•0.1	•0.0	•0.0	•0.0
•0.0	•0.0	•0.1	•0.2	•0.6	•1.3	•3.0	6.5	10.1	• <b>5.</b> 8	•2.7	•1 . 2	•0.7	•0.7	•1.2	• 2.5	•5.4	•9.9	• 6.9	•3.1	_•_ 1.4	0.6	•0.2	•0.1	•0.0	•0.0
•0.0	•0.0	•0.1	•0.3	•0.7	• 1.4	•3.0	4.9	• 6.4	•4.5	•2.8	• <b>1</b> .3	•0.8	•0.8	• 1.2	•2.7	•4.4	•6.4	•5.1	•3.2	1.5	•0.7	•0.3	•0.1	•0.0	•0.0
•0.0	•0.1	•0.1	•0.3	•0.6	•1.1	• 2.1	•2.9	•3.5	• 2.8	•2.0	•1.1	•0.8	•0.7	• 1.1	•1.9	• 2.8	•3.4	•3.0	• 2.2	•1.2	•0.6	•0.3	•0.1	•0.1	•0.0
•0.0	•0.1	•0.1	•0.3	•0.5	0.9	• 1.4	• 1.7	• 1.9	• 1.7	• 1.3	•0.9	•0.7	•0.7	•0.9	•1.3	•1.7	•1.9	• 1.8	• 1.4	•0.9	•0.5	•0.3	•0.1	•0.1	•0.0
•0.0	•0.1	•0.1	•0.2	• 0.4	•0.6	0.8	• 1.0	• 1.1	• 1.0	•	•	0.5	•	0.6	•	• 1.0	• 1.1	• 1.1	•	•	• 0.4	0.2	•0.1	•0.1	•0.0

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![](_page_8_Picture_5.jpeg)

FIXTURE SCHEDULE											
SYMBOL	TYPE	PEMANUFACTUR	RETALOG NO.	LAM	1PS	DESCRIPTION					
OA O-	OA	RAB	ALED4T150N		LED	PARKING LOT LIGHT, DBL. HEAD, 20' POL					
OB O	OB	RAB	ALED4T150N			WALL PACK					

Calculation Summary					
Label	Max	Min	Avg	Units	
LOT_LOT	10.1	0.0	1.60	Fc	

![](_page_8_Picture_8.jpeg)

![](_page_9_Figure_0.jpeg)

# Broadleaf Deciduous

Quan	Sym	Scientific Name	Common Name	Plt Size
5	*	Tilia cordata 'Green Spire'	Green Spire Linden	2 1/2″-Cal
4	le la	Ulmus x Frontier	Frontier elm	2 1/2″-Cal

# Conifer Evergreen

Quan	Sym	Scientific Name	Common Name	Plt Size
12	- My My	Juniperus horizontalis 'Plumosa'	Andorra juniper	3-Gal
6		Thuja occidentalis 'Holmstrup'	Holmstruparborvitae	4′ BB

![](_page_9_Figure_5.jpeg)

![](_page_9_Figure_6.jpeg)

## Shrub

Avenue

Rethke

Quan	Sym	Scientific Name	Common Name	Plt Size			
10		Cornus stolonifera "farron'	Arctic Fire dogwood	3-Gal	Kittleson	Twisted Fitness	This play exclusive named in It remain
5		Physocarpus opulifollia 'Seward'	Summer wine ninebark	3-Gal	Landscape, Inc.		Kittleson and may reproduc implement
7	A BANK	Viburnum dentatum 'Christom'	Blue Muffin viburnum	3-Gal	10486 CTH ID T (608) 437-8845 Blue Mounds, WI 53517 F (608) 437-4422	$\frac{1273710}{-\text{scale } 1/8'' = 1'-0''}$	JK Landsca
11		Weigela florida 'Alexandra'	Wine & Roses weigela	3-Gal			