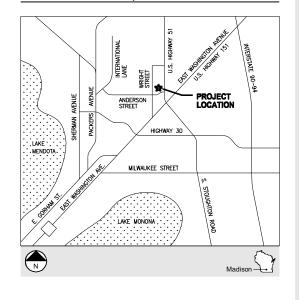
APPLICATION FOR URBAN DESIGN COMMISSION	AGENDA ITEM Project #	
REVIEW AND APPROVAL	510	13
DATE SUBMITTED: $\frac{4}{20}$	Action Requested Informational Presenta	tion
UDC MEETING DATE: $\frac{4}{27}$	Initial Approval and/or Recommendation Final Approval and/or Recommendation	
PROJECT ADDRESS: 3550 ANDERSON	STREET	
ALDERMANIC DISTRICT: 17		
OWNER/DEVELOPER (Partners and/or Principals MADISON AREA TECHNICAL COLLEGE 3550 ANDERSON STREET	STRANG, INC	HUNKETT RAYSICH ARCHITECTS
MADISON, WI 53704	6411 MINERAL POINT RD MADISON, WI 53705	11000 WEST PARK PLACE
CONTACT PERSON:       I_AREY BAKIDAI         Address:       STEANG, INC.         (SEE ABOVE)       Phone:         Phone:       (608) 276-9200         Fax:       (608) 276-9200         Fax:       (608) 276-9204         E-mail address:       BAETDATO STRANGTINE.COM         TYPE OF PROJECT:       (See Section A for:)         Planned Unit Development (PUD)       General Development Plan (GDP)         Specific Implementation Plan (SIP)         Planned Community Development (PCD)         General Development Plan (GDP)         Specific Implementation Plan (SIP)         Planned Residential Development (PRD)         New Construction or Exterior Remodeling in an well as a fee)         X       School, Public Building or Space (Fee may be remodeling in an well as a fee)         X       School, Public Building or Space (Fee may be remodeling in an well as a fee)         X       School, Public Building or Space (Fee may be remodeling Sq. Ft.         Planned Commercial Site       Planned Commercial Site	NICHOLAS KENT PLUNKETT RAYSICH ARCHITEC; (SER ABOVE) (414) 359-3060 Ext 168 (414) 359-3070 1 NKENT@PRARCH. COM 1 NKENT@PRARCH. COM	APR 2011
(See Section B for:) New Construction or Exterior Remodeling in C4 (See Section C for:)	District (Fee required)	
R.P.S.M. Parking Variance (Fee required)		
(See Section D for:) Comprehensive Design Review* (Fee required) Street Graphics Variance* (Fee required)		
Other		
*Public Hearing Required (Submission Deadline 3 Week	s in Advance of Meeting Date)	

Where fees are required (as noted above) they apply with the first submittal for either initial or final approval of a project.





## Site Location Map



# **TRUAX CAMPUS GATEWAY & STUDENT ACHIEVEMENT CENTER • INGENUITY CENTER & TRANSPORTATION AND ADVANCED SUSTAINABLE MANUFACTURING CENTER (TASMC)**

# **MADISON COLLEGE**

3550 Anderson St., Madison, WI 54704

## Design Team:

Architectural Design

STRANG, INC.

Construction Manager

Structural Design

Plumbing Design

STRANG, INC.

Mechanical Design

Electrical Design

STRANG, INC.

J.H. FINDORFF & SON, INC.

**ARNOLD & O'SHERIDAN** 

Utility/Infrastructure/Civil Engineering

Site Civil & Landscape Design SAA DESIGN GROUP

JSD PROFESSIONAL SERVICES

**KJWW ENGINEERING CONSULTANTS** 

**KJWW ENGINEERING CONSULTANTS** 

**KJWW ENGINEERING CONSULTANTS PEARSON ENGINEERING / STRANG, INC.** 

**KJWW ENGINEERING CONSULTANTS** 

## **Project Information**

Project Image



Drawing Set: **Urban Design Commission - Initial** Approval and Recommendation

Owner Project Number: TBD

Architect Project Number: PRA no: 10112-02 Strang no: 2010080



# Sheet Index

DETAILS

SITE LAYOUT PLAN

LP-508

LP-602

GENERAL		ARCHITE	
T001 COVER SHEET		A200	
0.00		A210	
CIVIL / SI	TE / LANDSCAPE	A220	
F-101	FIRE ACCESS PLAN	A400	
C-101	OVERALL SITE PLAN	A401	
LP-101	SITE LAYOUT PLAN	A402	
LP-201	SITE LAYOUT PLAN	A403	
LP-202	SITE LAYOUT PLAN		
LP-203	SITE LAYOUT PLAN		
LP-301	GATEWAY SITE GRADING PLAN		
LP-302	GATEWAY SITE GRADING PLAN		
LP-303	GATEWAY SITE GRADING PLAN		
LP-401	LANDSCAPE PLAN		
LP-402	LANDSCAPE PLAN		
LP-410	SITE LAYOUT PLAN		
LP-411	SITE LAYOUT PLAN		
LP-420	LANDSCAPE PLANT SCHEDULE		
LP-501	DETAILS		
LP-502	DETAILS		
LP-503	DETAILS		
LP-504	DETAILS		
LP-505	DETAILS		
LP-506	DETAILS		
LP-507	DETAILS		

#### CTURAL

OVERALL FIRST FLOOR PLAN OVERALL SECOND FLOOR PLAN

OVERALL THIRD FLOOR PLAN

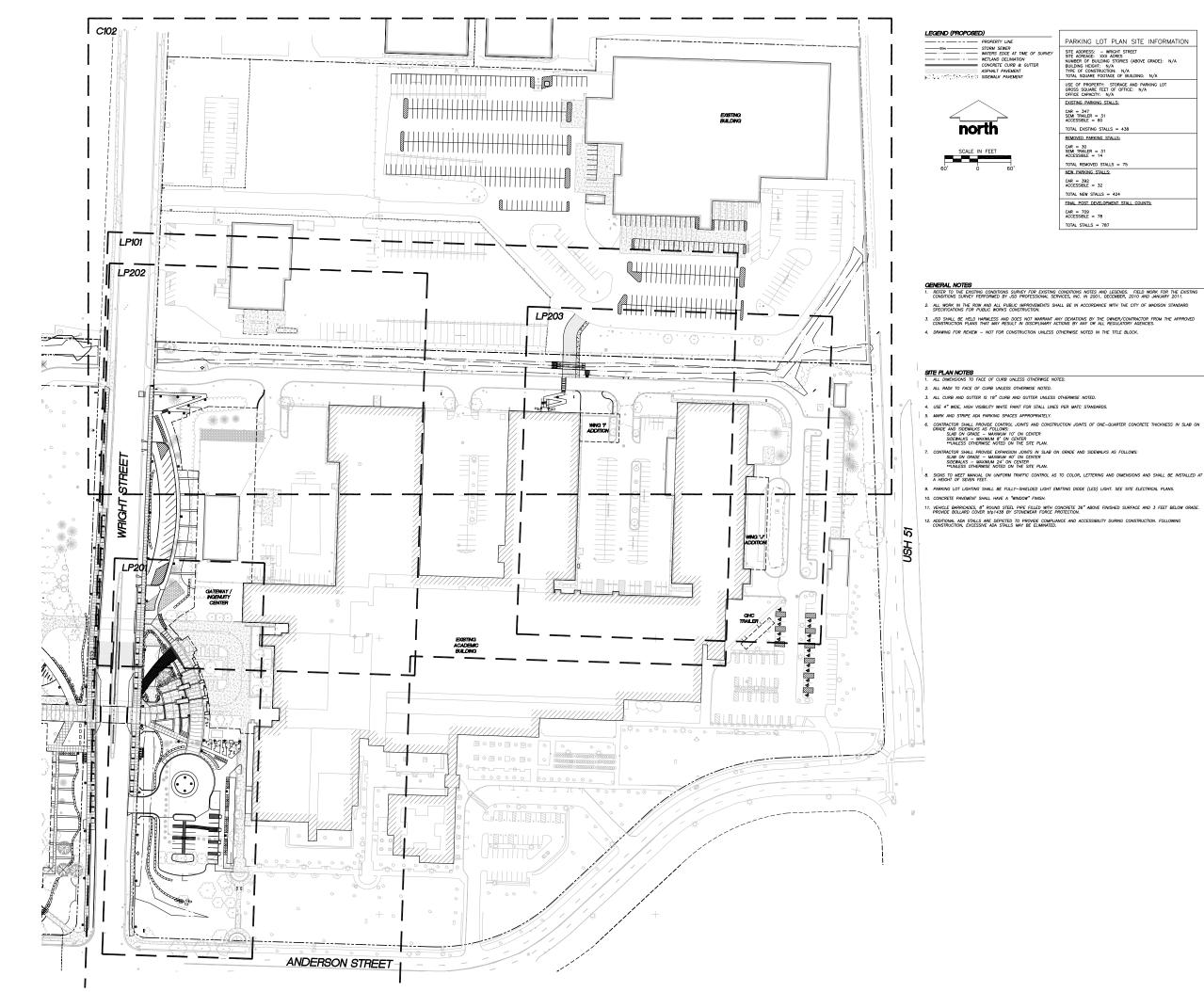
BUILDING RENDERED ELEVATIONS

BUILDING RENDERED ELEVATIONS BUILDING ELEVATIONS

BUILDING ELEVATIONS







PARKING LOT PLAN SITE INFORMATION
SITE ADDRESS:WRIGHT STREET SITE ACREAGE: XXX ACRES INUMBER OF BUILDING STORIES (ABOVE GRADE): N/A BUILDING HEIGHT: N/A TYPE OF CONSTRUCTION: N/A TOTAL SQUARE FOOTAGE OF BUILDING: N/A
USE OF PROPERTY: STORAGE AND PARKING LOT GROSS SQUARE FEET OF OFFICE: N/A OFFICE CAPACITY: N/A
EXISTING PARKING STALLS:
CAR = 347 SEMI TRALER = 31 ACCESSIBLE = 60
TOTAL EXISTING STALLS = 438
REMOVED PARKING STALLS:
CAR = 30 SEMI TRALER = 31 ACCESSIBLE = 14
TOTAL REMOVED STALLS = 75
NEW PARKING STALLS:
CAR = 392 ACCESSIBLE = 32
TOTAL NEW STALLS = 424
FINAL POST DEVELOPMENT STALL COUNTS:
CAR = 709 ACCESSIBLE = 78
TOTAL STALLS = 787

CENERAL NOTES . REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGENDS. FIELD WORK FOR THE EXISTING CONDITIONS SURVEY PERFORMED BY JSD PROFESSIONAL SERVICES, INC. IN 2001, DECEMBER, 2010 AND JANUARY 2011. ALL WORK IN THE ROW AND ALL PUBLIC IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.

11. VEHICLE BARRICADES, 8" ROUND STEEL PIPE FILLED WITH CONCRETE 36" ABOVE FINISHED SURFACE AND 3 FEET BELOW GRADE. PROVIDE BOLLARD COVER 61438 BY STONEWBAR FORCE PROTECTION.



Project Title Truax Additions

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
Strang Project No	. 2010080
MC Project No.	-
Bid Pkg No.	B11-009

Revision

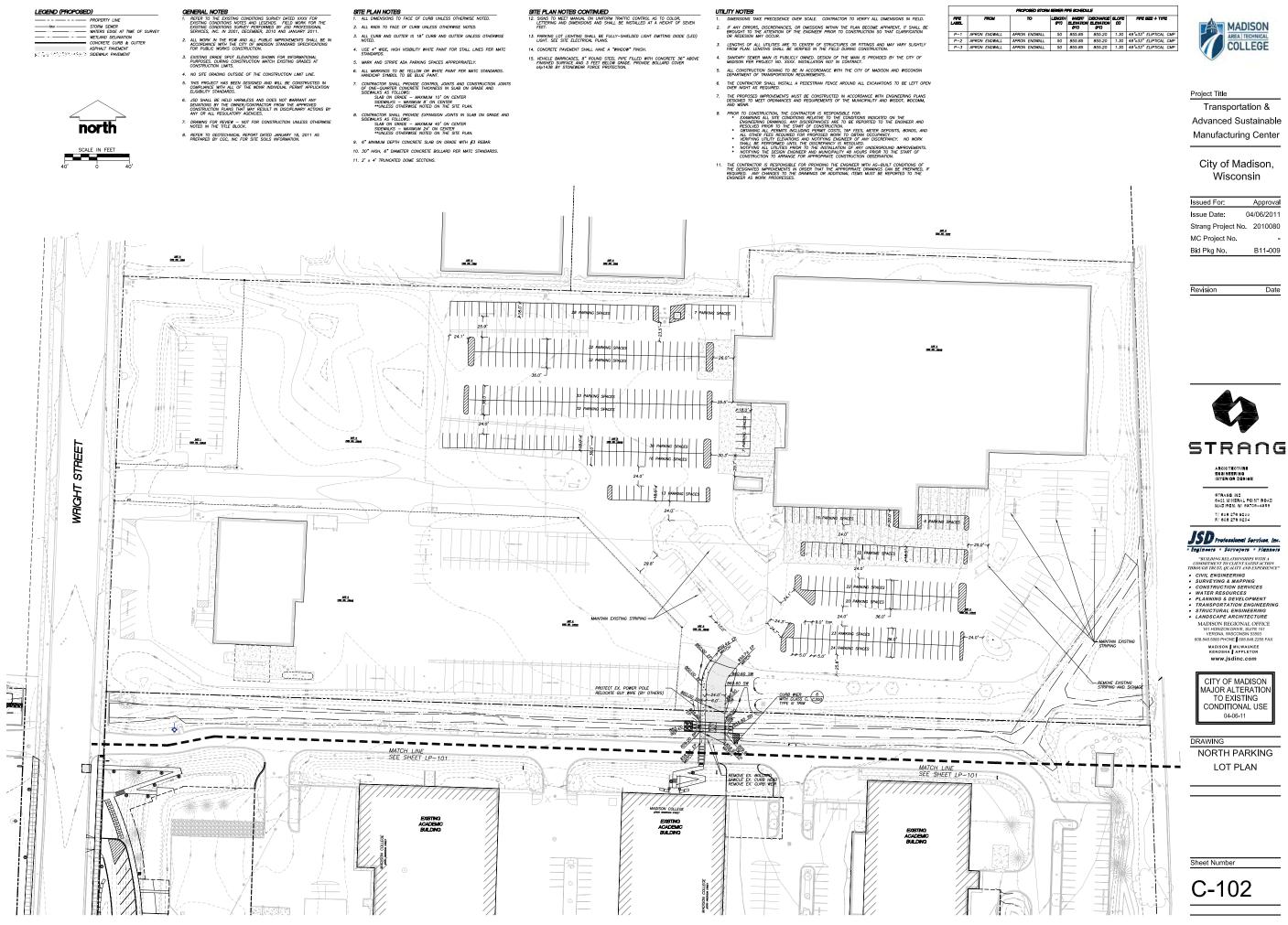
Date



DRAWING OVERALL SITE PLAN

Sheet Number

C-101



PROPOSED STORM SEMER PPE SCHEDULE						
/ROM	то	LENGTH (ना)		DISCHARGE ELEVATION (FT)	8LOPE (X)	PPE SIZE + TYPE
RON ENDWALL	APRON ENDWALL	50	855.85	855.20	1.30	49 x33 ELIPTICAL CMP
RON ENDWALL	APRON ENDWALL	50	855.85	855.20	1.30	49 x33" ELIPTICAL CMP
RON ENDWALL	APRON ENDWALL	50	855.85	855.20	1.30	49"x33" ELIPTICAL CMP

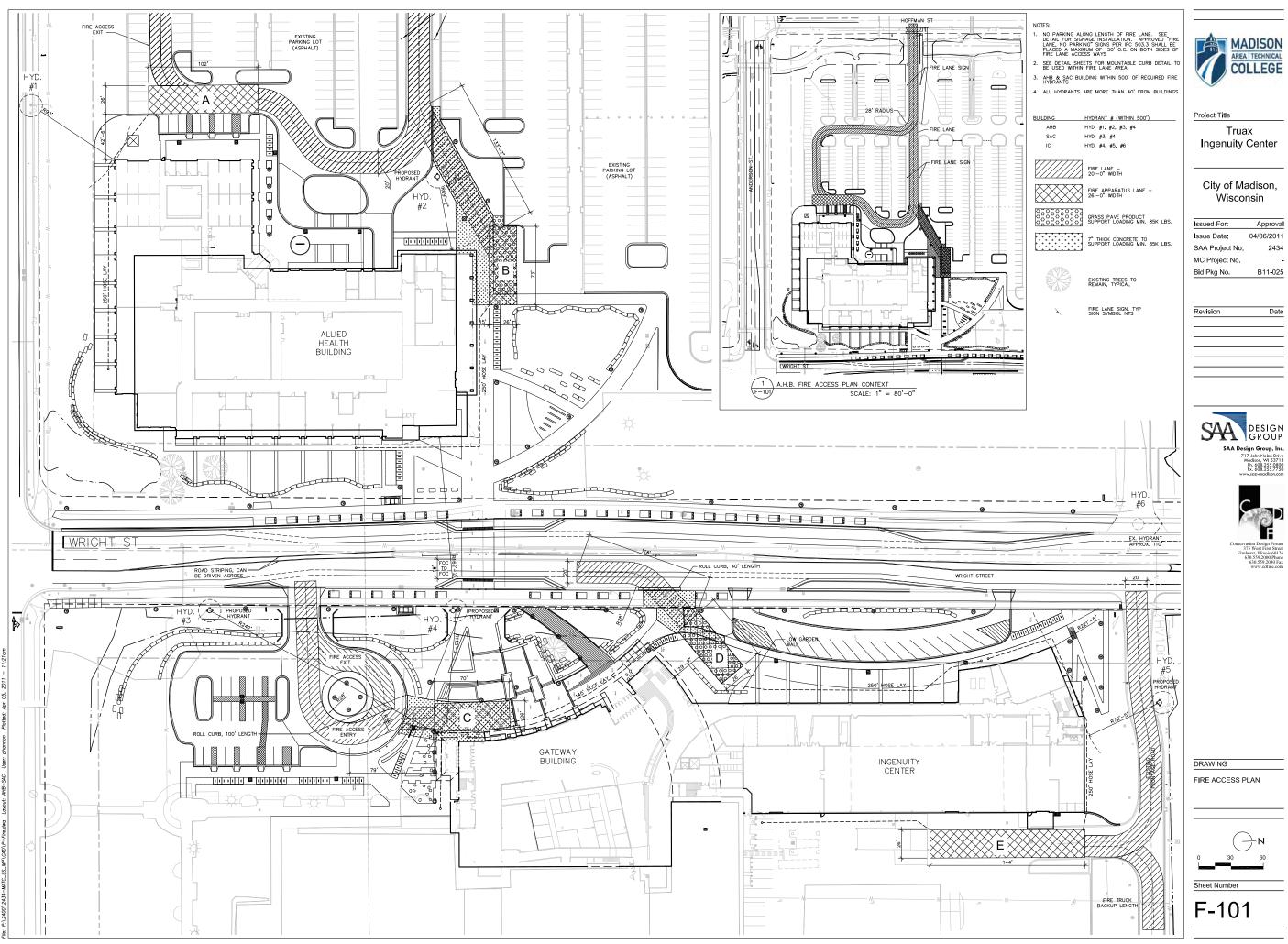


Advanced Sustainable Manufacturing Center

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
Strang Project No	. 2010080
MC Project No.	-
Bid Pkg No.	B11-009

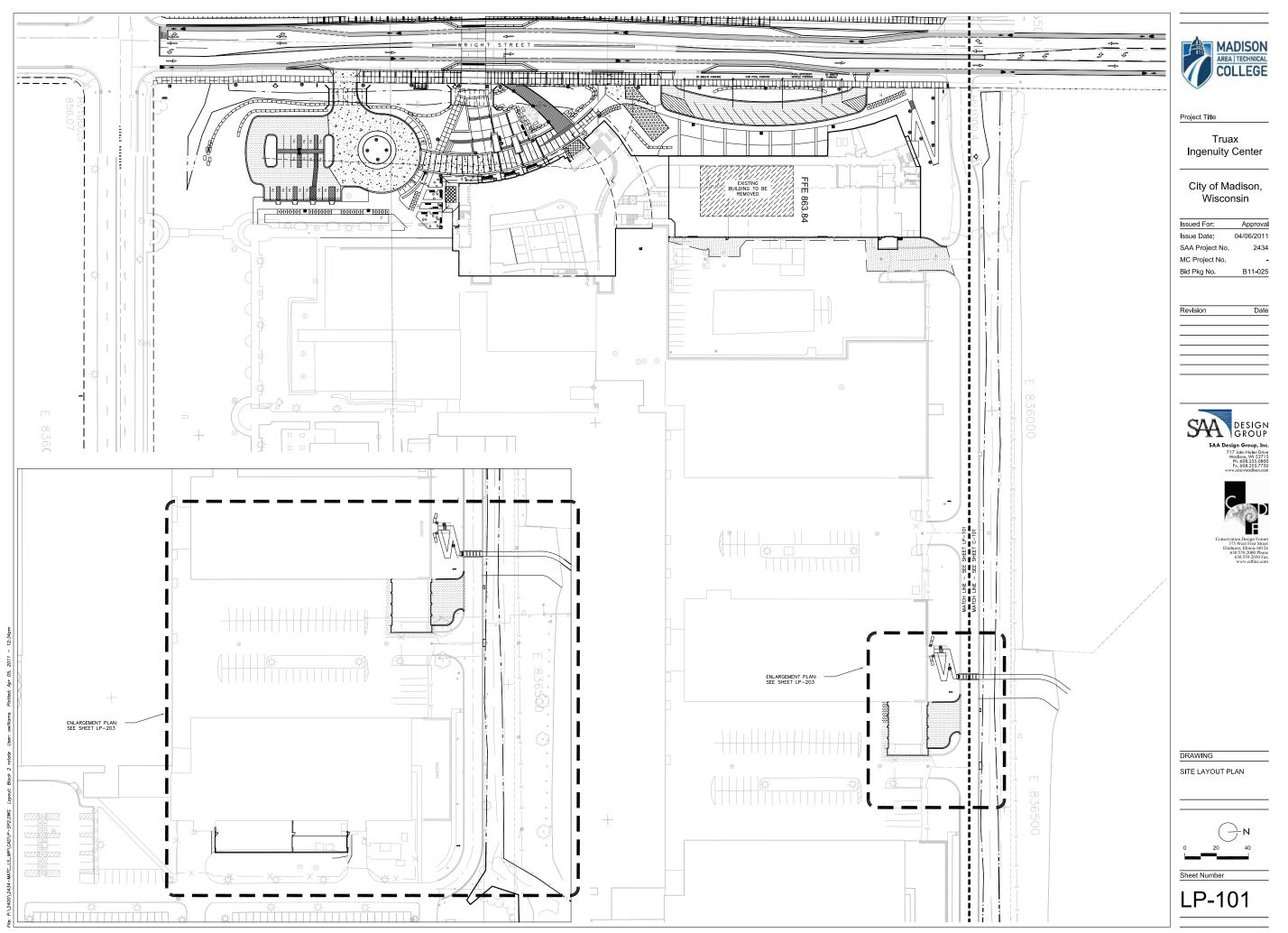
Date



Issued For:	Approva
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

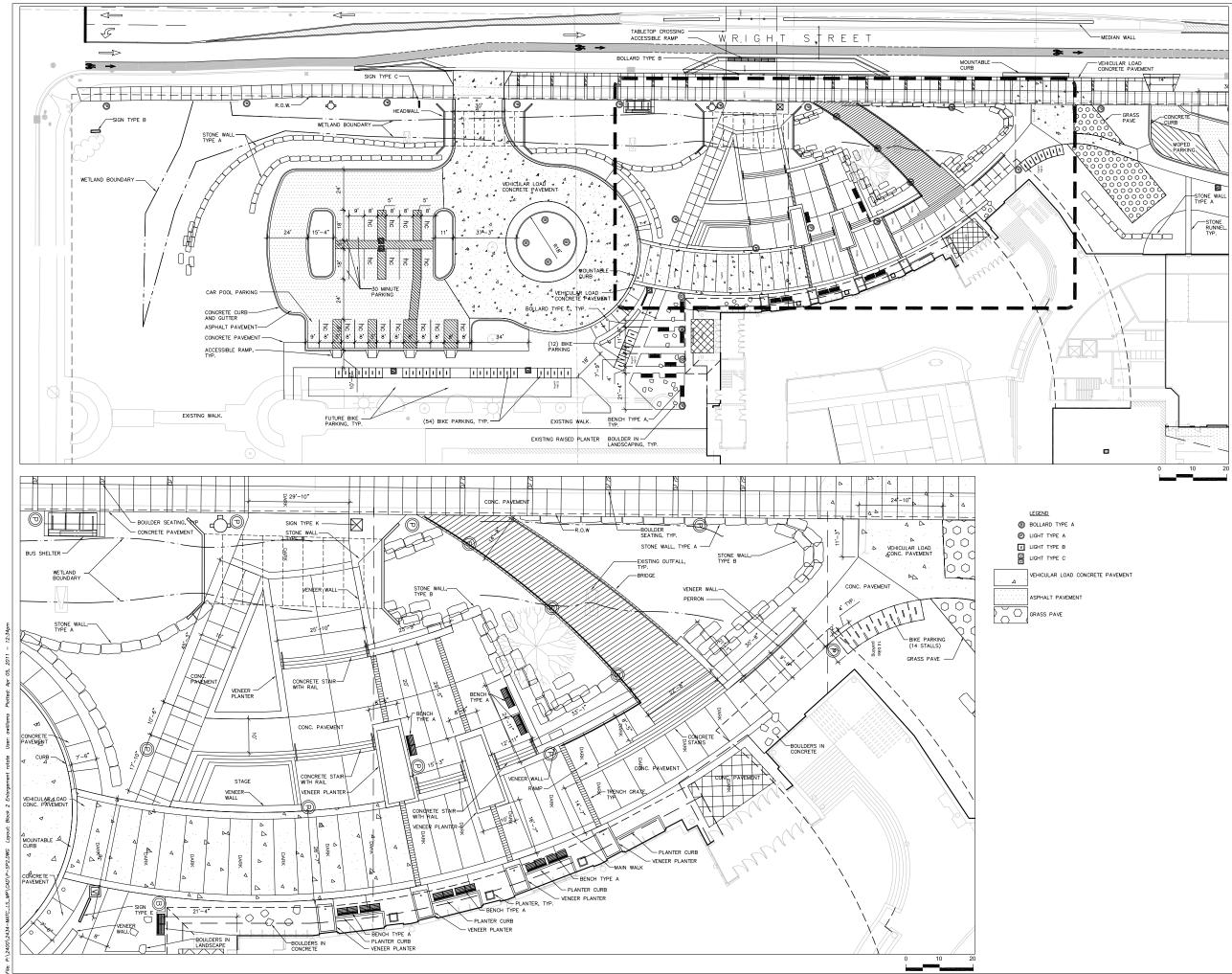
Revision	Date

$\sim$	<b>*</b> *	IGROU	JF
	SAA D	esign Group,	Inc
		717 John Nolen Madison, WI 5 Ph. 608.255 Fx. 608.255 www.saa-madiso	371 080
		Fx. 608.255. www.saa-madiso	775 n.cor
		~	
		Caralla	
		0	2
	Cons	ervation Design F	orun
	E	ervation Design F 375 West First S Imhurst, Illinois 6 630.559.2000 F 630.559.2030 www.edfine	o12 hon
		630.559.203 www.cdfine	0 Fa: .con
DRAW	NG		
	CCESS	PI AN	
	00000		
	(	$\sum$	
		ЭN	
0	30	60	
Sheet N	lumber		
Jieet	annoer		
	10	1	
Г-	10	I	



Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date





### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date





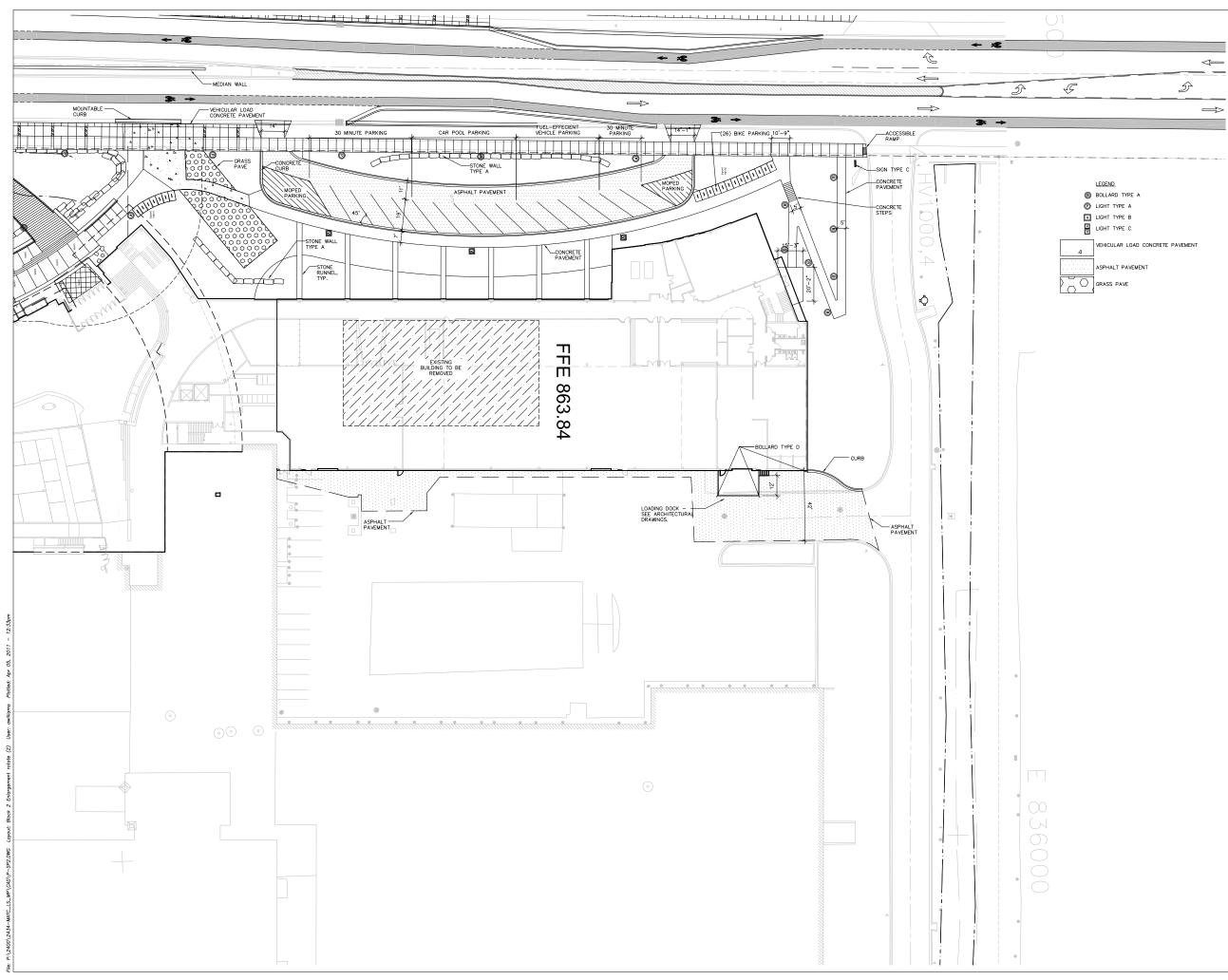
DRAWING

SITE LAYOUT PLAN

( <del>)</del> N

Sheet Number

LP-201





### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approva
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date



SAA Design Group, Inc. 717 John Nolen Drive Madison, W1 53713 Ph. 608.255.0800 Fx. 608.255.0750 www.saa-madison.com

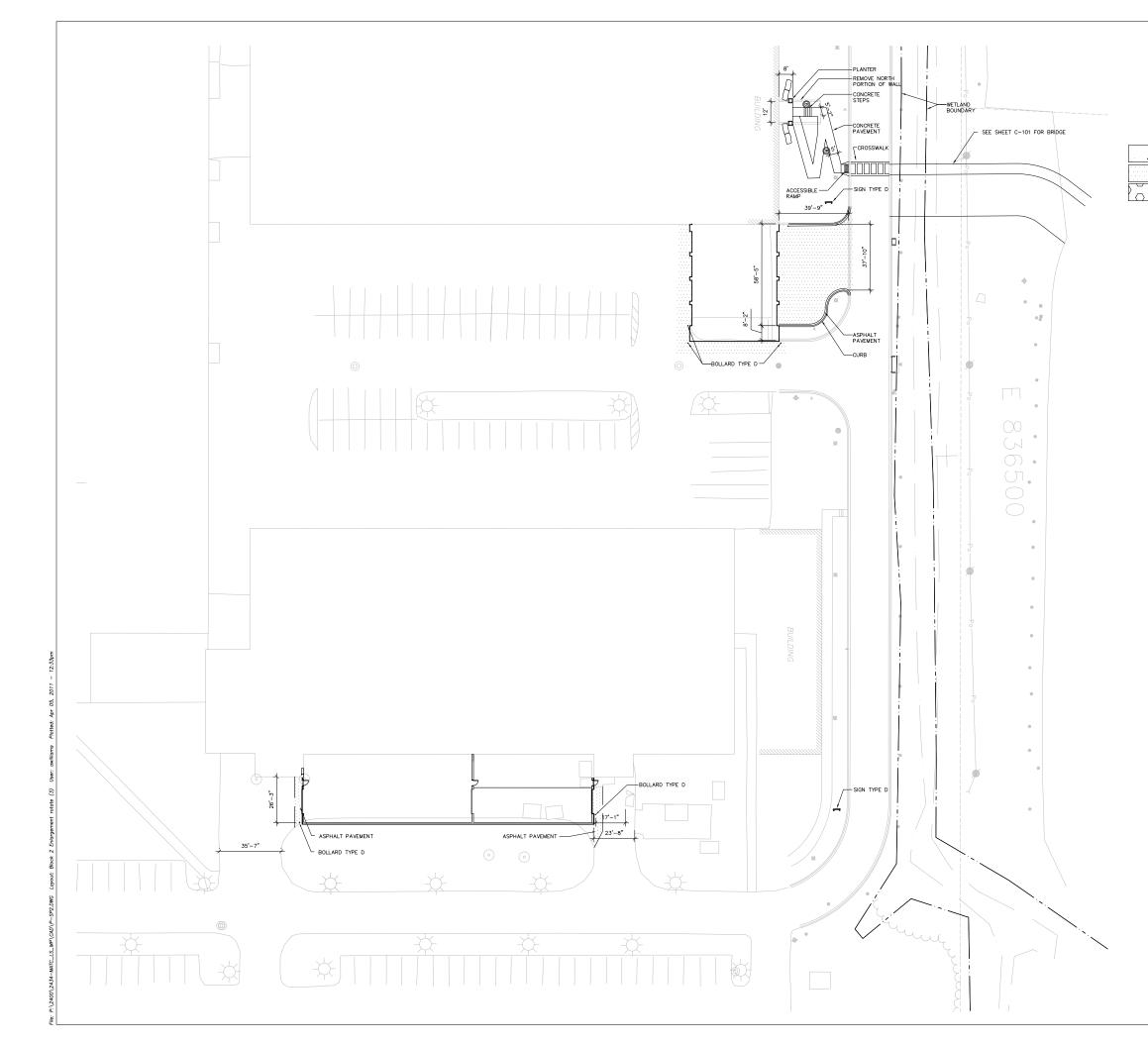


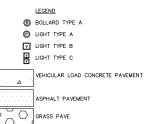
DRAWING

SITE LAYOUT PLAN

Sheet Number









### Truax Ingenuity Center

# City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date



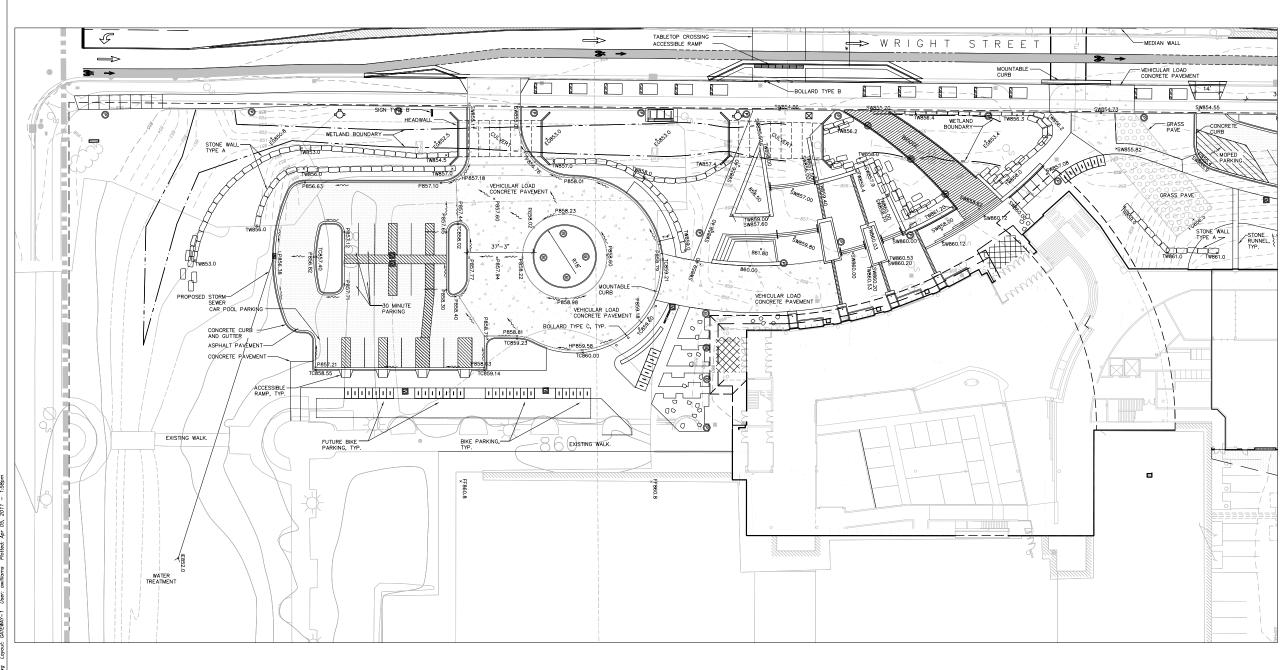


DRAWING

SITE LAYOUT PLAN

→N Sheet Number







### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date



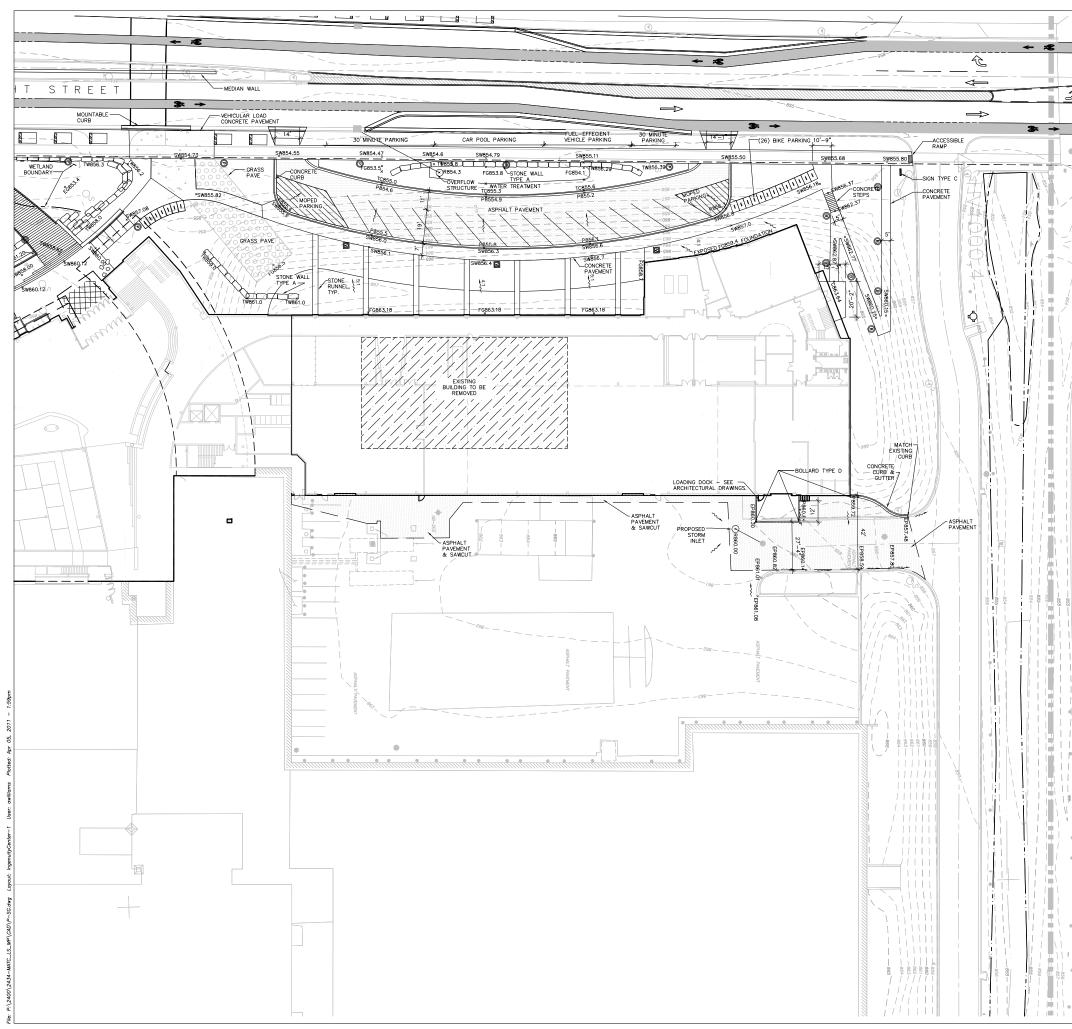






GATEWAY SITE GRADING PLAN

Sheet Number LP-301



,	$\bigcirc 1$	
		4
Ŷ	- F	Ť
-		



### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date



SAA Design Group, Inc. 717 John Nolen Drive Madison, W1 53713 Ph. 608.255.0800 Fx. 608.255.7750 www.saa-madison.com

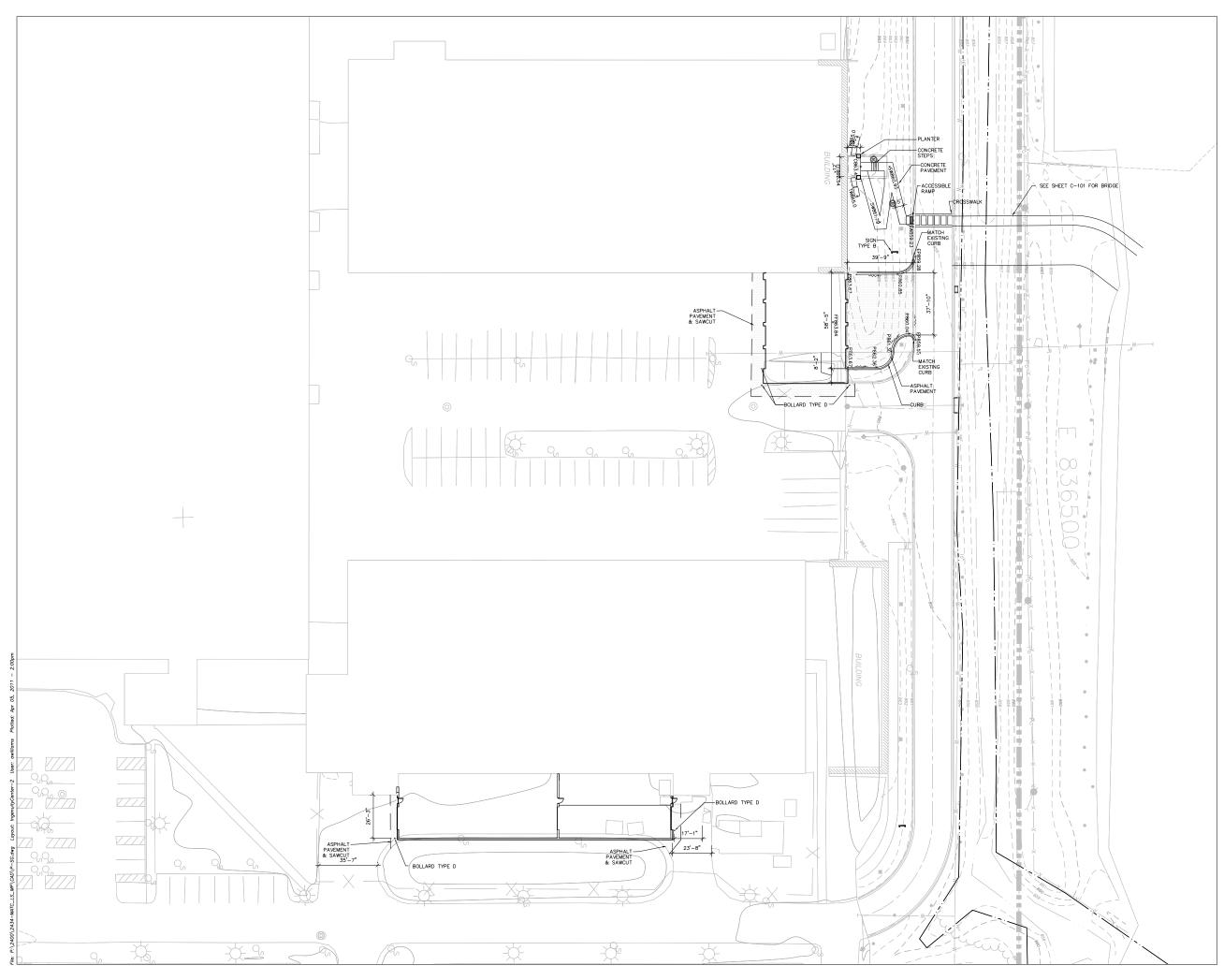


Conservation Design Forum 375 West First Street Elmhurst, Illinois 60126 630.559.2000 Phone 630.559.2030 Fax www.cdfinc.com

### DRAWING

GATEWAY SITE GRADING PLAN







Truax Ingenuity Center

# City of Madison, Wisconsin

Issued For:	Approva
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date
-	



SAA Design Group, Inc. 717 John Nolen Drive Madison, WI 53713 Ph. 608.255.0800 Fx. 608.255.0750 www.saa-madison.com

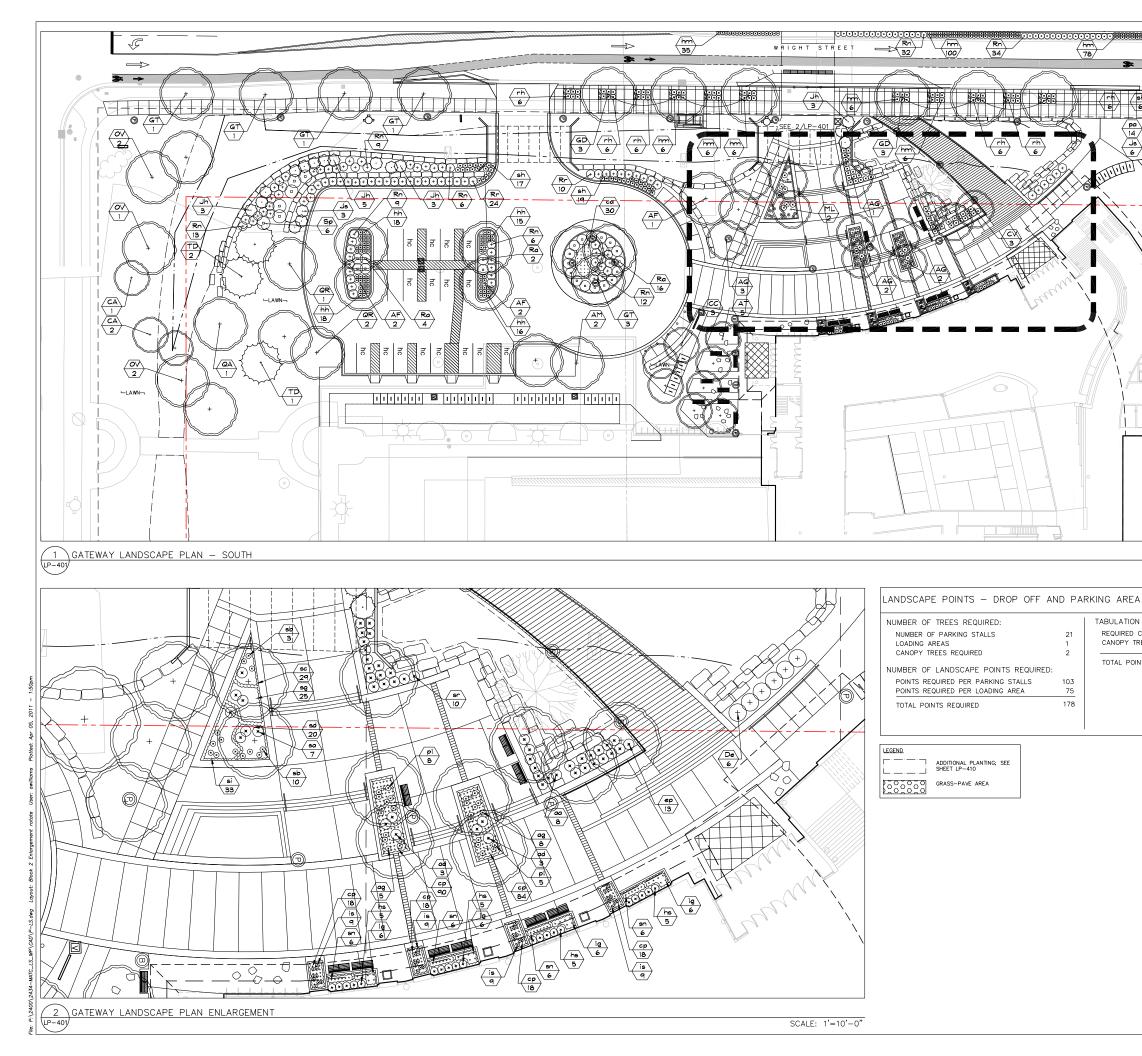


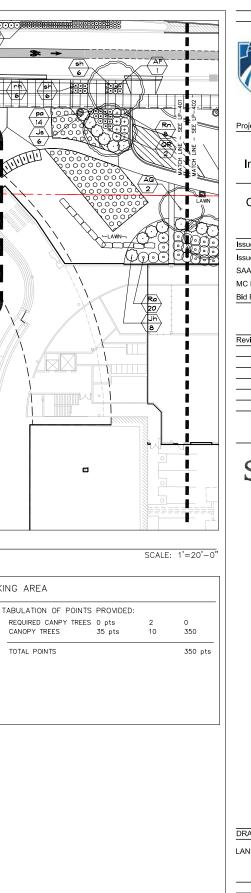
### DRAWING

GATEWAY SITE GRADING PLAN

 $\rightarrow N$ 

Sheet Number LP-303







### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

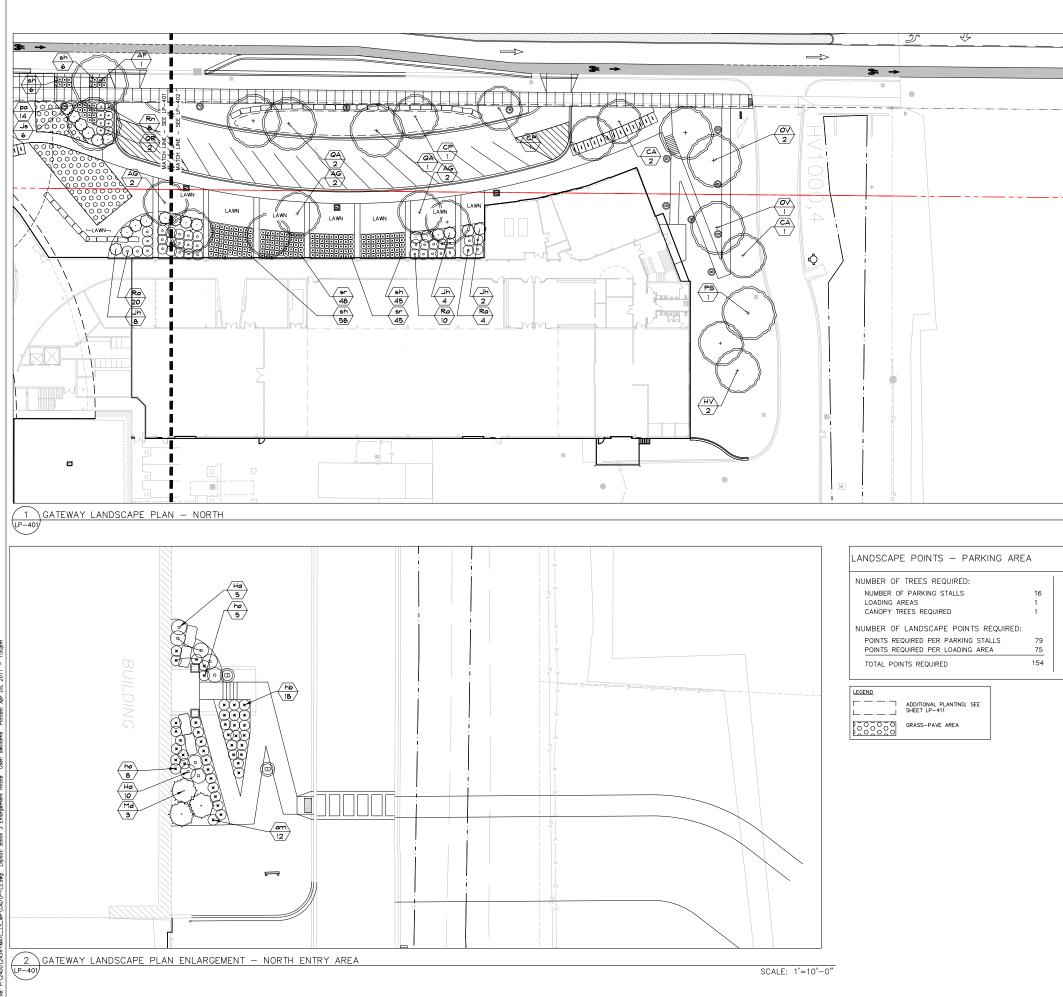
Revision	Date
-	
-	



onservation Design Forum 375 West First Street Elmhurst, Illinois 60126 630.559.2030 Phone 630.559.2030 Fax www.cdfine.com

DRAWING LANDSCAPE PLAN

Sheet Number



	-
$\Longrightarrow$	]
	1
	_



### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date



S ap

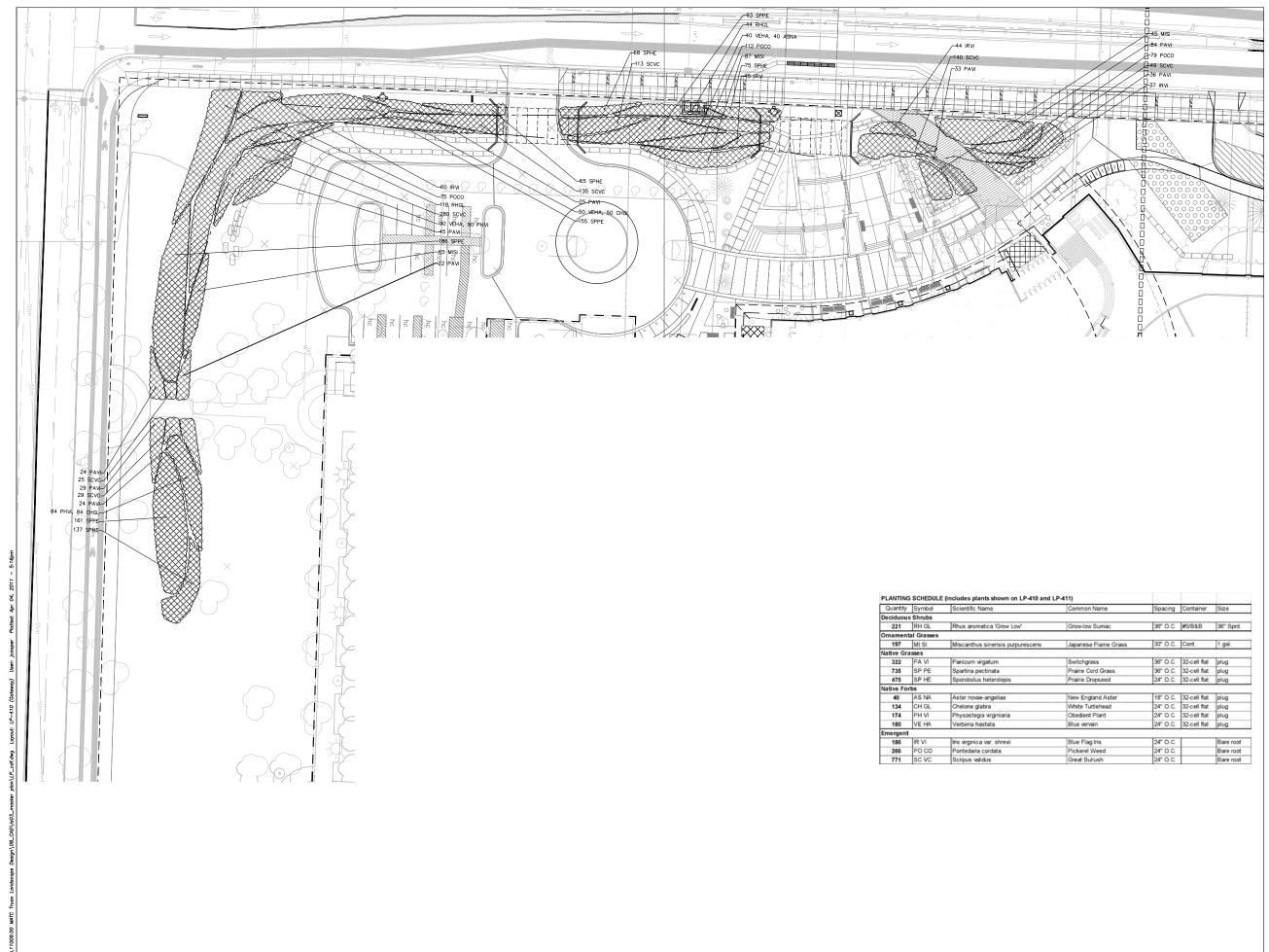
SCALE: 1'=20'-0"

TABULATION OF POINTS	PROVIDED:		
REQUIRED CANPY TREES CANOPY TREES ORNAMENTAL TREES	0 pts 35 pts 15 pts	1 4 5	0 140 75
TOTAL POINTS			215 pts



Sheet Number

LP-402





### Truax Inge@aitev@aynter

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date





630.559.2000 Phon 630.559.2030 Fa

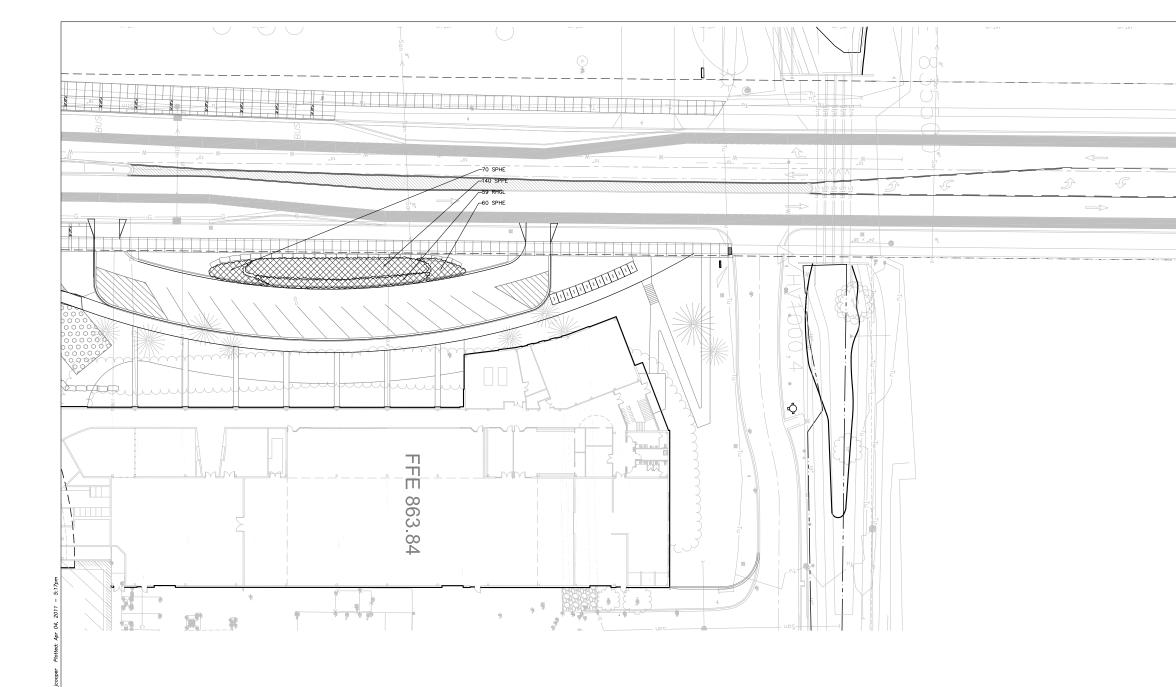
DRAWING

SITE LAYOUT PLAN



LP-410

nd L	P-411)			
	Common Name	Spacing	Container	Size
	Grow-low Sumac	36" O.C.	#5/B&B	36" Sprd.
	Japanese Flame Grass	30" O.C.	Cont.	1 gal.
	Switchgrass	36" O.C.	32-cell flat	plug
	Prairie Cord Grass	36" O.C.	32-cell flat	plug
	Prairie Dropseed	24" O.C.	32-cell flat	plug
	New England Aster	18" O.C.	32-cell flat	plug
	White Turtlehead	24" O.C.	32-cell flat	plug
	Obedient Plant	24" O.C.	32-cell flat	plug
	Blue vervain	24" O.C.	32-cell flat	plug
	Blue Flag Iris	24" O.C.		Bare root
	Pickerel Weed	24" O.C.		Bare root
	Great Bulrush	24" O.C.		Bare root



Quantity	Symbol	Scientific Name	Corr
Deciduous			
221	RH GL	Rhus aromatica 'Grow Low'	Grov
Ornament	al Grasses	1	
197	MI SI	Miscanthus sinensis purpurescens	Japa
Native Gra	SSES	· ·	
322	PA VI	Panicum virgatum	Swit
735	SP PE	Spartina pectinata	Prair
475	SP HE	Sporobolus heterolepis	Prair
Native For	bs		
40	AS NA	Aster novae-angeliae	New
134	CH GL	Chelone glabra	Whit
174	PH VI	Physostegia virginiana	Obe
180	VE HA	Verbena hastata	Blue
Emergent			
186	IR VI	Iris virginica var. shrevii	Blue
266	PO CO	Pontedaria cordata	Pick
771	SC VC	Scripus validus	Grea



# Truax Ingeounitev@aynter

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date





DRAWING

SITE LAYOUT PLAN

			-
	(-	ЭN	
0	20	40	

LP-411

pot		( -
oot		~
oot	0	20

Sheet Number

Spacing Container Size Common Name 36" O.C. #5/B&B 36" Sprd. Grow-low Sumac 30" O.C. Cont. 1 gal. Japanese Flame Grass 
 36" O.C.
 32-cell flat
 plug

 36" O.C.
 32-cell flat
 plug

 24" O.C.
 32-cell flat
 plug
 Switchgrass Prairie Cord Grass Prairie Dropseed 
 18" O.C.
 32-cell flat
 plug

 24" O.C.
 32-cell flat
 plug
 New England Aster White Turtlehead Obedient Plant Blue vervain Blue Flag Iris Pickerel Weed Great Bulrush 24" O.C. 24" O.C. 24" O.C. Bare roo Bare roo Bare roo

# LANDSCAPE PLANT LEGEND

Symbol	Botanical name	Common Name	Size	Root	Quanity	Comments
SHA	DE TREES					
AF	Acer x freemanii 'Morgan'	Morgan Freeman Maple	2.5" Cal.	B&B	-	
AM	Acer miyabei 'Morton'	State Street Maple	2.5" Cal.	B&B	-	
BN	Betula nigra 'Heritage'	Heritage River Birch	2.5" Cal.	B&B	-	
CJ	Cercidiphyllum japonicum	Katsura Tree	2.5" Cal.	B&B	-	
GD	Gymnocladus dioicus	Kentucky Coffeetree	2.5" Cal.	B&B	-	
GT	Gleditsia triacanthos 'Skymaster'	Skymaster Honeylocust	2.5" Cal.	B&B	-	
TD	Taxodium distichum	Bald Cypress	2.5" Cal.	B&B	-	
OV	Ostrya virginiana	Hop Hornbeam	2.5" Cal.	B&B	-	
PS	Prunus serotina	Black Cherry	2.5" Cal.	B&B	-	
QA	Quercus alba	Swamp White Oak	2.5" Cal.	B&B	-	
QR	Quercus rubra	Red Oak	2.5" Cal.	B&B	-	
ORN	AMENTAL TREES					
AG	Amelanchier x grandifolia 'Autumn Brilliance'	Autumn Brilliance Serviceberry	1.5" Cal.	B&B	-	
AT	Acer truncatum	Purpleblow Maple	1.5" Cal.	B&B	-	
CA	Cornus alternifolia	Pagoda Dogwood	1.5" Cal.	B&B	-	
CC	Cercis canadensis	Redbud	1.5" Cal.	B&B	-	
CP	Crataegus phaenophyrum	Washington Hawthorne	1.5" Cal.	B&B	-	
CV	Chionanthus virginicus	White Fringe Tree	1.5" Cal.	B&B	-	
ΗV	Hamamelis virginiana	Common Witch Hazel	1.5" Cal.	B&B	-	
ML	Magnolia x loebneri	Loebner Magnolia	1.5" Cal.	B&B	-	
EVE	RGREEN TREES					
PA	Picea abies	Norway Spruce	8' Ht.	B&B	-	
PG	Picea glauca var. densata	Black Hills Spruce	8' Ht.	B&B	_	_
10		Black This Sprace	0 110.	Dab		
	UB TYPE A (> 8' ht.)					
Cm	Cornus mas 'Golden Glory'	Golden Glory Cornelliancherry Dogwood	3'-5' Ht.	B&B	-	
Cr	Cornus racemosa	Gray Dogwood	3'-5' Ht.	B&B	-	
÷.						
Cs	Cornus sericea	Redosier Dogwood	3'-5' Ht.	B&B	-	
	Cornus sericea Rhus typhina 'Laciniata'	Redosier Dogwood Cutleaf Staghorn Sumac	3'-5' Ht. 3'-5' Ht.	B&B B&B	-	-
Cs		-			-	-
Cs Rt		-			-	-
Cs Rt	Rhus typhina 'Laciniata'	-			-	-
Cs Rt SHR	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.)	Cutleaf Staghorn Sumac	3'-5' Ht.	B&B	-	-
Cs Rt SHR Ca	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird'	Cutleaf Staghorn Sumac Hummingbird Clethra	3'—5' Ht. 5 Gal.	B&B CG	-	-
Cs Rt SHR Ca Cl	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster	3'-5' Ht. 5 Gal. 5 Gal.	B&B CG CG	-	-
Cs Rt SHR Ca Cl Cf	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal.	B&B CG CG CG	-	
Cs Rt SHR Ca Cl Cf Hp	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal.	B&B CG CG CG CG CG	- - - -	
Cs Rt SHR Ca Cl Cf Hp Rr	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal.	B&B CG CG CG CG CG CG	- - - - -	
Cs Rt SHR Ca Cl Cf Hp Rr Sp	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal.	B&B CG CG CG CG CG CG CG	- - - - - - -	
Cs Rt SHR Ca Cl Cf Hp Rr Sp	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal.	B&B CG CG CG CG CG CG CG	- - - - - - - - - - -	
Cs Rt SHR Ca Cl Cf Hp Rr Sp Vd	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal.	B&B CG CG CG CG CG CG CG	- - - - - - -	
Cs Rt SHR Ca Cl Cf Hp Rr Sp Vd ymbol	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal.	8&8 20 20 20 20 20 20 20 20 20 20 20	- - - - - - - - - - -	
Cs Rt SHR Ca Cl Cf Hp Rr Sp Vd ymbol	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal.	8&8 20 20 20 20 20 20 20 20 20 20 20	- - - - - - - - - - -	
Cs Rt SHR Ca Cl Cf Hp Rr Sp Vd ymbol SHR	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.)	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal.	B&B CG CG CG CG CG CG CG CG CG CG Root	- - - - - - - - - - -	
Cs Rt SHR Ca Cl Cf Hp Rr Sp Vd Vd ymbol SHR Bg Ce	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B CG CG CG CG CG CG CG Root	- - - - - - - - - - -	
Cs Rt SHR Ca Cl Cf Hp Rr Sp Vd SHR Sp Vd SHR Bg Ce De	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal. 3 Gal.	B&B CG CG CG CG CG CG CG CG Root		
Cs Rt Ca Cl Cf Hp Rr Sp Vd ymbol SHR Bg	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal. 3 Gal. 3 Gal.	B&B		
Cs Rt Ca Cl Cf Hp Rr Sp Vd ymbol SHR Bg Ce De Di	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Yiburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla Ionicera	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal.	B&B           CG		
Cs Rt SHR Ca Cl Cf Hp Rr Sp Vd Sp Vd SHR Bg Ce De De Di Fg	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla lonicera Fothergilla gardenii 'Mt. Airy'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal.	B&B           CG		
Cs Rt Ca Cl Cf Fr Rr Sp Vd ShR Bg Ce De Dc Dc Dc Fg Ha	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla Ionicera Fothergilla gardenii 'Mt. Airy' Hydrangea arborescens 'Annabelle'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal. 3 Gal.	B&B           CG		
Cs Rt Ca Cl Cf Hp Rr Sp Vd ShR Bg Ce De Di Fg Ha Ra Rn Rn Rn	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxua 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla lonicera Fothergilla gardenii 'Mt. Airy' Hydrangea arborescens 'Annabelle' Rhus aromatica 'Gro-Low'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea Gro-Low Fragrant Sumac	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B           CG           CG		
Cs Rt SHR Ca Cl Cf Hp Rr Sp Sp Vd SHR Sp Ce De De Di Fg Ha Rn Rn Rn Rn	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla lonicera Fothergilla gardenii 'Mt. Airy' Hydrangea arborescens 'Annabelle' Rhus aromatica 'Gro-Low' Rosa 'Nearly Wild'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea Gro-Low Fragrant Sumac Nearly Wild Shrub Rose	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B           CG           CG		
Cs Rt Ca Cl Cf Hp Rr Sp Vd ShR Bg Ce De Di Fg Ha Ra Ra Ra Ra Vd	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla lonicera Fothergilla gardenii 'Mt. Airy' Hydrangea arborescens 'Annabelle' Rhus aromatica 'Gro-Low' Rosa 'Nearly Wild' Viburnum opulus 'Nanum'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea Gro-Low Fragrant Sumac Nearly Wild Shrub Rose European Cranberrybush	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B           CG           CG		
Cs Rt Ca Cl Cf Hp Rr Sp Vd SHR Bg Ce SHR Ra Ca Ch SHR SHR Ra SHR SHR	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla lonicera Fothergilla gardenii 'Mt. Airy' Hydrangea arborescens 'Annabelle' Rhus aromatica 'Gro-Law' Rosa 'Nearly Wild' Viburnum opulus 'Nanum'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea Gro-Low Fragrant Sumac Nearly Wild Shrub Rose European Cranberrybush t.)	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B           CG           CG		
Cs Rt Ca Ca Cf Hp Rr Sp Vd SHR Bg Ce Da SHR Ra Ra Ra Ra Ra SHR SHR	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla lonicera Fothergilla gardenii 'Mt. Airy' Hydrangea arborescens 'Annabelle' Rhus aromatica 'Gro-Low' Rosa 'Nearly Wild' Viburnum opulus 'Nanum'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea Gro-Low Fragrant Sumac Nearly Wild Shrub Rose European Cranberrybush	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B           CG           CG		
Cs Rt Ca Ca Cf Hp Rr Sp Vd SHR Bg Ce Da Da Da Da Da Ca SHR Rr Rr Ca SHR Rr Tr Tr	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla lonicera Fothergilla gardenii 'Mt. Airy' Hydrangea arborescens 'Annabelle' Rhus aromatica 'Gro-Law' Rosa 'Nearly Wild' Viburnum opulus 'Nanum'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea Gro-Low Fragrant Sumac Nearly Wild Shrub Rose European Cranberrybush t.) Ware or Robusta Juniper	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B           CG           CG		
Cs Rt Ca Ci Cf Fr Sp Vd SHR Bg Ce Di Fg Di Fg Ha Ra Ra Ra Ra SHR Tr	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla lonicera Fothergilla gardenii 'Mt. Airy' Hydrangea arborescens 'Annabelle' Rhus aromatica 'Gro-Low' Rosa 'Nearly Wild' Viburnum opulus 'Nanum' UB TYPE D (Evergreen; 5'-8' H Thuja occidentalis 'Robusta'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea Gro-Low Fragrant Sumac Nearly Wild Shrub Rose European Cranberrybush t.) Ware or Robusta Juniper	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B           CG           CG		
Cs Rt Ca Ci Cf Fg Vd SHR Sp Vd SHR Ce De De De De Di Fg Ra Ra Ra Ra Ra SHR Tr Tr	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla lonicera Fothergilla gardenii 'Mt. Airy' Hydrangea arborescens 'Annabelle' Rhus aromatica 'Gro-Low' Rosa 'Nearly Wild' Viburnum opulus 'Nanum' UB TYPE D (Evergreen; 5'-8' H Thuja occidentalis 'Robusta' UB TYPE D (Evergreen; 2'-5' H	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea Gro-Low Fragrant Sumac Nearly Wild Shrub Rose European Cranberrybush t.) Ware or Robusta Juniper t.)	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B           CG		
Cs Rt Ca C C C C C C C C C C C C C C C C C C	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla lonicera Fothergilla gardenii 'Mt. Airy' Hydrangea arborescens 'Annabelle' Rhus aromatica 'Gro-Low' Rosa 'Nearly Wild' Viburnum opulus 'Nanum' UB TYPE D (Evergreen; 5'-8' H Thuja occidentalis 'Robusta' UB TYPE D (Evergreen; 2'-5' H Juniperus squamata 'Blue Star'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea Gro-Low Fragrant Sumac Nearly Wild Shrub Rose European Cranberrybush t.) Ware or Robusta Juniper t.) Blue Star Juniper	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B           CG		
Cs SHR Ca Cl Cf Cf Sp Vd SP Vd SHR Ce De De De Di Fg Ha Ra Ce SHR Ra SHR Ra SHR SHR Jb Jh	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla lonicera Fothergilla gordenii 'Mt. Airy' Hydrangea arborescens 'Annabelle' Rhus aromatica 'Gro-Low' Rosa 'Nearly Wild' Viburnum opulus 'Nanum' UB TYPE D (Evergreen; 5'-8' H Thuja occidentalis 'Robusta' UB TYPE D (Evergreen; 2'-5' H Juniperus squamata 'Blue Star' Juniperus horizontalis 'Bar Harbor'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea Gro-Low Fragrant Sumac Nearly Wild Shrub Rose European Cranberrybush t.) Ware or Robusta Juniper t.) Blue Star Juniper Bar Harbor Creeping Juniper	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B           CG		
Cs SHR Ca Cl Cf Cf Sp Vd Sp Vd SHR SHR Ra Ce De SHR Ra Ra Ce SHR Ra SHR Ra SHR Tr SHR SHR Jb	Rhus typhina 'Laciniata' UB TYPE B (4'-8' ht.) Clethra alnifolia 'Hummingbird' Cotoneaster lucidus Calycanthus floridus Hydrangea paniculata 'Limelight' Rosa 'Radsunny' Salix purpurea 'Nana' Viburnum dentatum 'Autumn Jazz' Botanical name UB TYPE C (< 4' ht.) Buxux 'Green Velvet' Ceanothus americanus Deutzia gracilis Diervilla Ionicera Fothergilla gordenii 'Mt. Airy' Hydrangea arborescens 'Annabelle' Rhus aromatica 'Gro-Low' Rosa 'Nearly Wild' Viburnum opulus 'Nanum' UB TYPE D (Evergreen; 5'-8' H Thuja occidentalis 'Robusta' UB TYPE D (Evergreen; 2'-5' H Juniperus squamata 'Blue Star' Juniperus 'Pfitzeriana Compacta'	Cutleaf Staghorn Sumac Hummingbird Clethra Hedge Cotoneaster Carolina Allspice Panicle Hydrangea The Sunny Knock Out Rose Dwarf Arctic Blue Willow Autumn Jazz Arrowwood Viburnum Common Name Green Velvet Boxwood New Jersey Tea Slender Deutzia Dwarf Bush Honeysuckle Mt. Airy Dwarf Fothergilla Annabelle Hydrangea Gro-Low Fragrant Sumac Nearly Wild Shrub Rose European Cranberrybush t.) Blue Star Juniper Bar Harbor Creeping Juniper Compact Pfitzer Juniper	3'-5' Ht. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 5 Gal. 3 Gal.	B&B           CG		

PE	RENNIALS/GRASSES/GROUNDCOVE	RS				
aa	Astilbe x arendsii 'White Gloria'	White Gloria Astilbe	1 Gal.	CG	-	
ac	Aquilegia canadensis	American Columbine	1 Gal.	CG	-	
ad	Aster divaricatus	White Wood Aster	1 Gal.	CG	-	
ag	Allium 'Globemaster'	Globemaster Onion	1 Gal.	CG	-	
am	Alchemilla ssp.	Lady's Mantle	1 Gal.	CG	-	
ar	Ajuga reptans	Bugleweed	1 Gal.	CG	-	
са	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 Gal.	CG	-	
cl	Chasmanthium latifolia	Northern Sea Oats	1 Gal.	CG	-	
ср	Carex pennsylvanica	Pennsylvania Sedge	1 Gal.	CG	-	
CS	Coreopsis grandiflora 'Sunray'	Sunray Tickseed	1 Gal.	CG	-	
ер	Echinacea purpurea	Purple Coneflower	1 Gal.	CG	-	
hb	Hosta 'Blue Angel'	Blue Angel Hosta	1 Gal.	CG	-	
ho	Hosta 'Royal Standard'	Royal Standard Hosta	1 Gal.	CG	-	
hh	Hemerocallis 'Happy Returns'	Happy Returns Daylily	1 Gal.	CG	-	
lg	Lavandula x intermedia 'Grosso'	Grosso Lavender	1 Gal.	CG	-	
hs	Helictotrichon sempervirens	Blue Oat Grass	1 Gal.	CG	-	
hm	Hemerocallis 'Mini Stella'	Mini Stella Daylily	1 Gal.	CG	-	
is	Iris siberica 'Ceasar's Brother'	Ceasar's Brother Siberian Iris	1 Gal.	CG	-	
mf	Monarda 'Petite Delight'	Petite Delight Beebalm	1 Gal.	CG	-	
nf	Nepeta x fassenii 'Six Hills Giant'	Six Hills Giant Catmint	1 Gal.	CG	-	
pl	Phlox subulata	Creeping Phlox	1 Gal.	CG	-	
ps	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 Gal.	CG	-	
pa	Perovskia atriplicifolia 'Longin'	Longin Russian Sage	1 Gal.	CG	-	
pq	Parthennocissus quinquefolia 'Star Showers'	Star Showers Virginia Creeper	1 Gal.	CG	-	
rh	Rudbeckia fulgida var. Sullivantii	Goldstrum Black Eyed Susan	1 Gal.	CG	-	
sh	Sporobolus heterolepis	Prairie Dropseed	1 Gal.	CG	-	
sa	Sedum 'Autumn Joy'	Autumn Joy Sedum	1 Gal.	CG	-	
sb	Sedum spectibile 'Brilliant'	Brilliant Sedum	1 Gal.	CG	-	
sc	Sedum cauticola 'Sunset Cloud'	Sunset Cloud Sedum	1 Gal.	CG	-	
sd	Sedum divergens	Cascade Stonecrop	1 Gal.	CG	-	
sg	Sedum grisbachii	Stonecrop	1 Gal.	CG	-	
si	Sedum hybridum 'Immergrunchen'	Immergrunchen Stonecrop	1 Gal.	CG	-	
sn	Salvia nemerosa 'May Night'	May Night Salvia	1 Gal.	CG	-	



Project Title

### Truax Ingenuity Center

# City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date



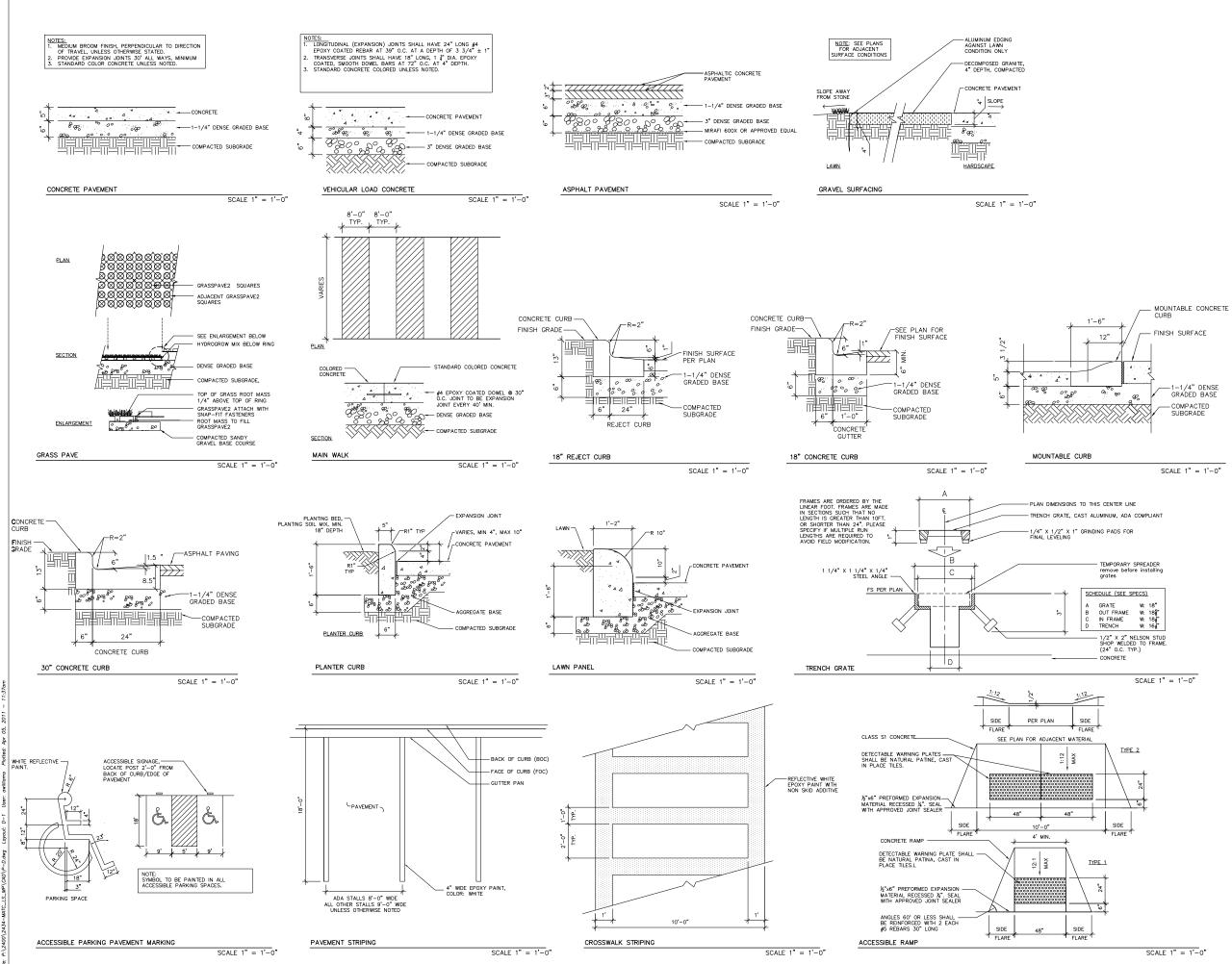


DRAWING

LANDSCAPE PLANT SCHEDULE

Sheet Number







### Truax Ingenuity Center

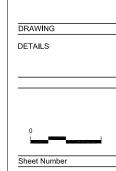
### City of Madison, Wisconsin

Issued For:	Approval
ssue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

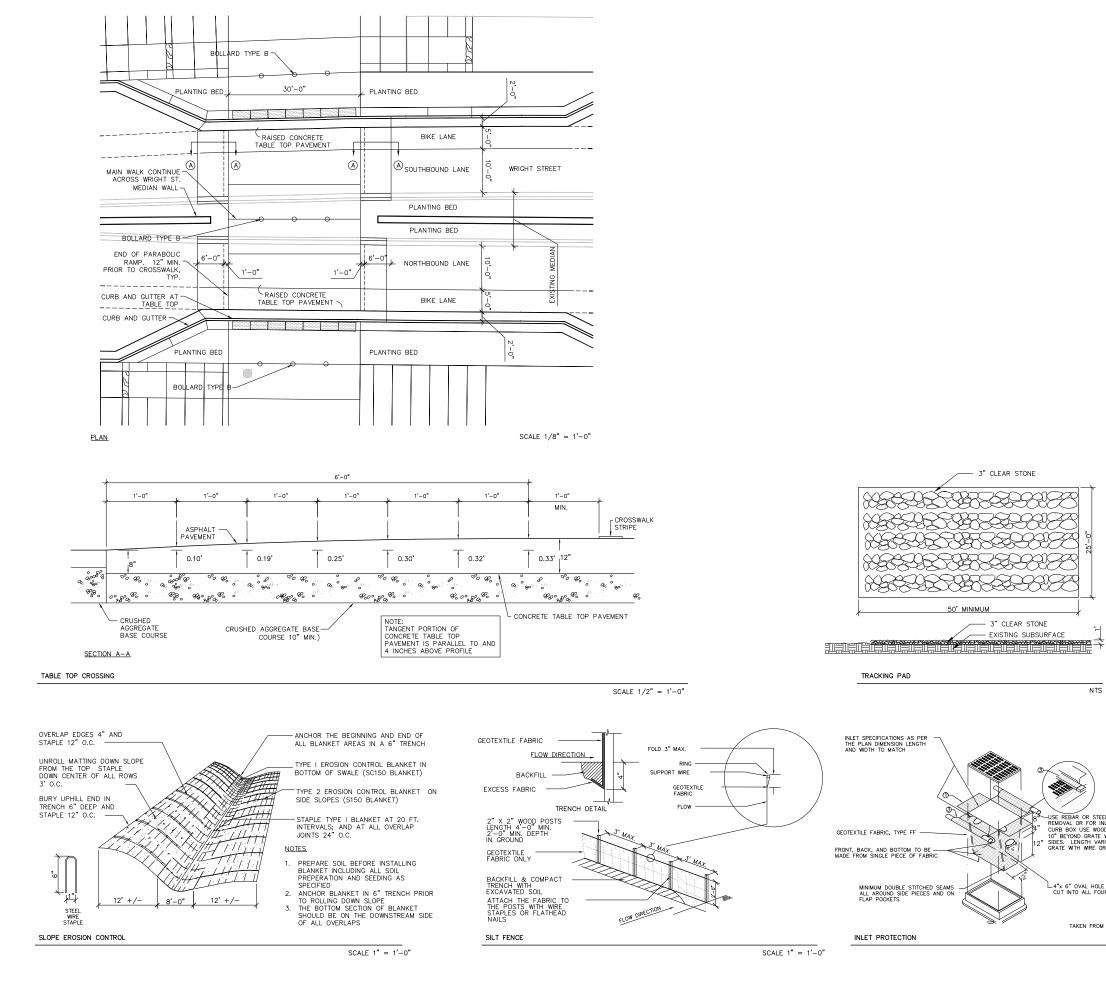
Revision	Date













### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date







DRAWING

DETAILS

Sheet Number

LP-502

①EXTEND FABRIC AT LEAST 10" AROUND THE PERIMETER.

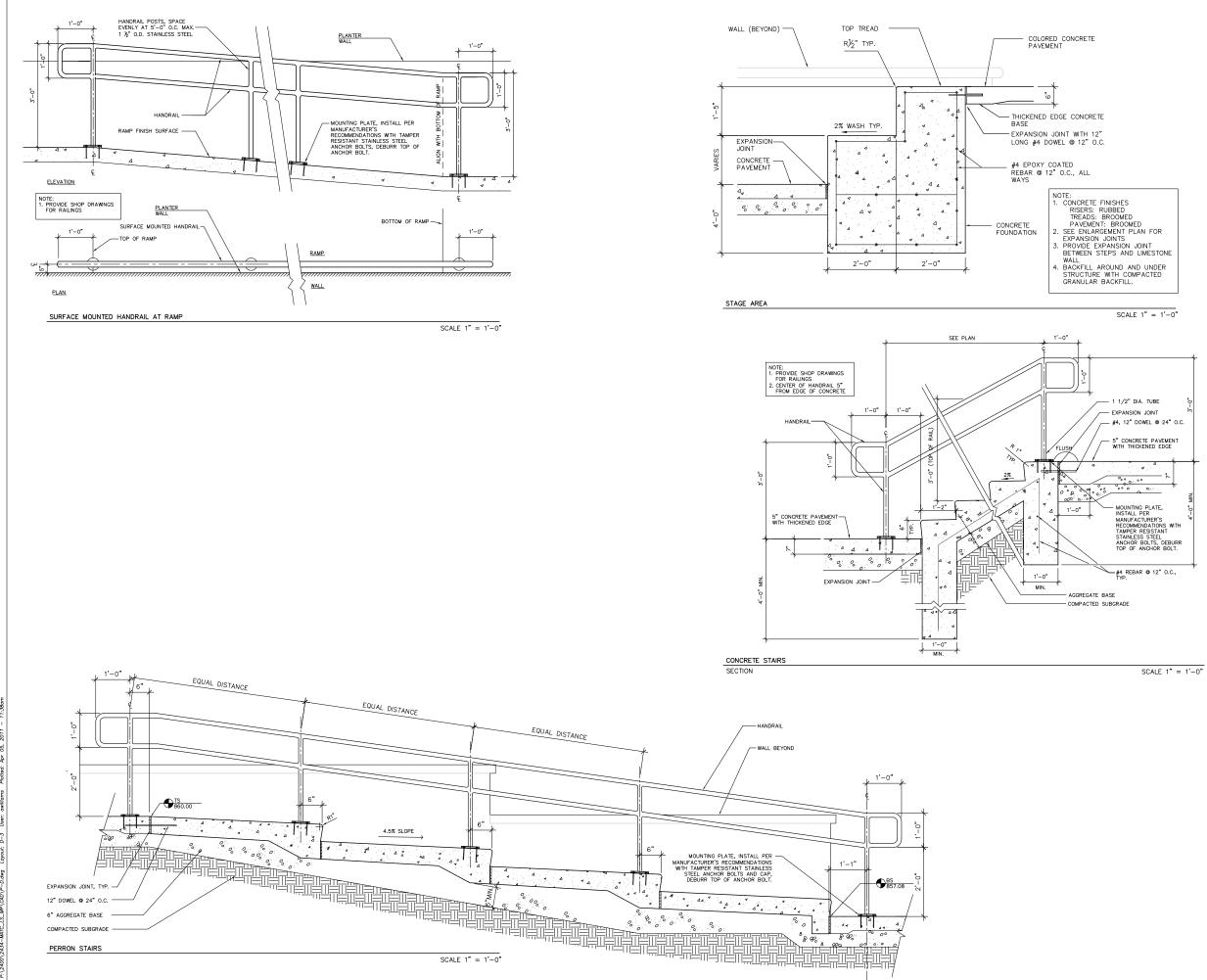
FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4. ദ

USE REBAR OR STEEL ROD FOR REMOVAL OR FOR INLETS WITH CAST CURB BOX USE WOOD 2\*X4\*, EXTEND 10° BEYOND GRATE WIDTH ON BOTH SIDES, LENGTH VARIES, SECURE TO GRATE WITH WIRE OR PLASTIC TES

4"x 6" OVAL HOLE SHALL BE HEAT CUT INTO ALL FOUR SIDE PANELS

TAKEN FROM WDOT S.D.D. 8 E 10-2.

SCALE 1'' = 1' - 0''



NC	DTE:
1.	CONCRETE FINISHES
	RISERS: RUBBED
	TREADS: BROOMED
	PAVEMENT: BROOMED
2.	SEE ENLARGEMENT PLAN FOR
	EXPANSION JOINTS
3.	PROVIDE EXPANSION JOINT
	BETWEEN STEPS AND LIMESTON
	WALL
4	BACKFILL AROUND AND UNDER
	STRUCTURE WITH COMPACTED
	GRANULAR BACKFILL





Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date



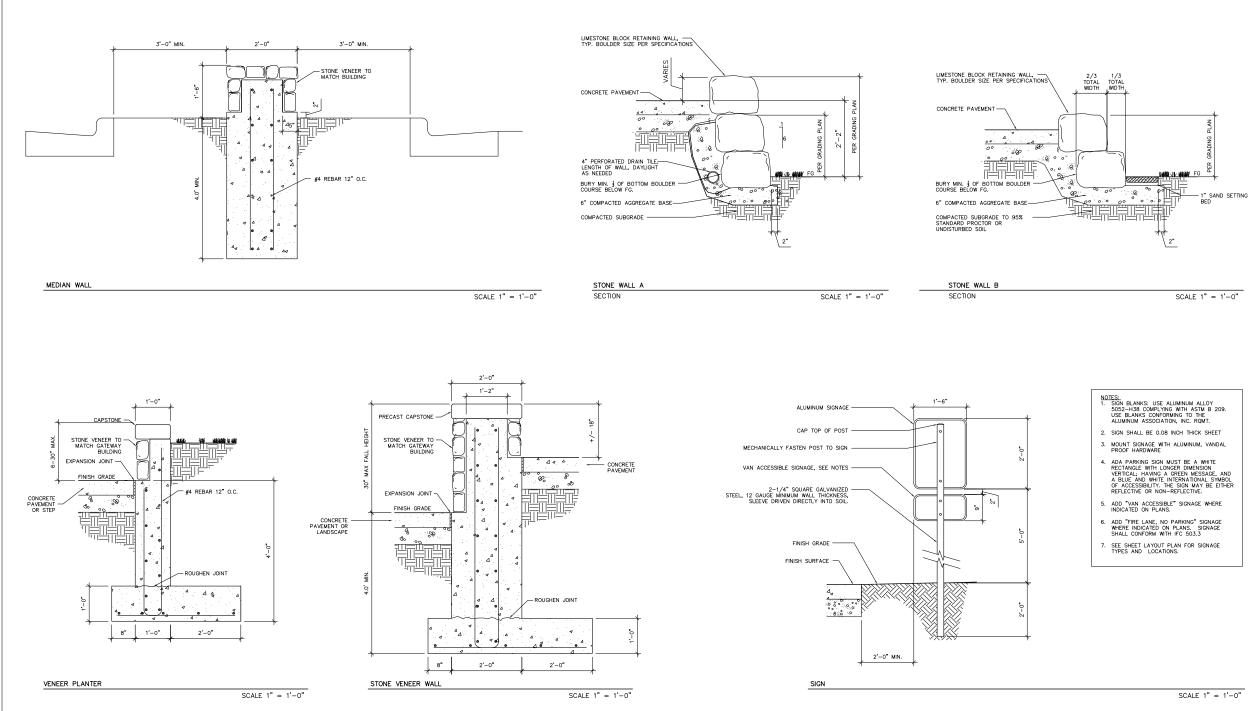




DRAWING DETAILS

Sheet Number

LP-503





### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approva
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date

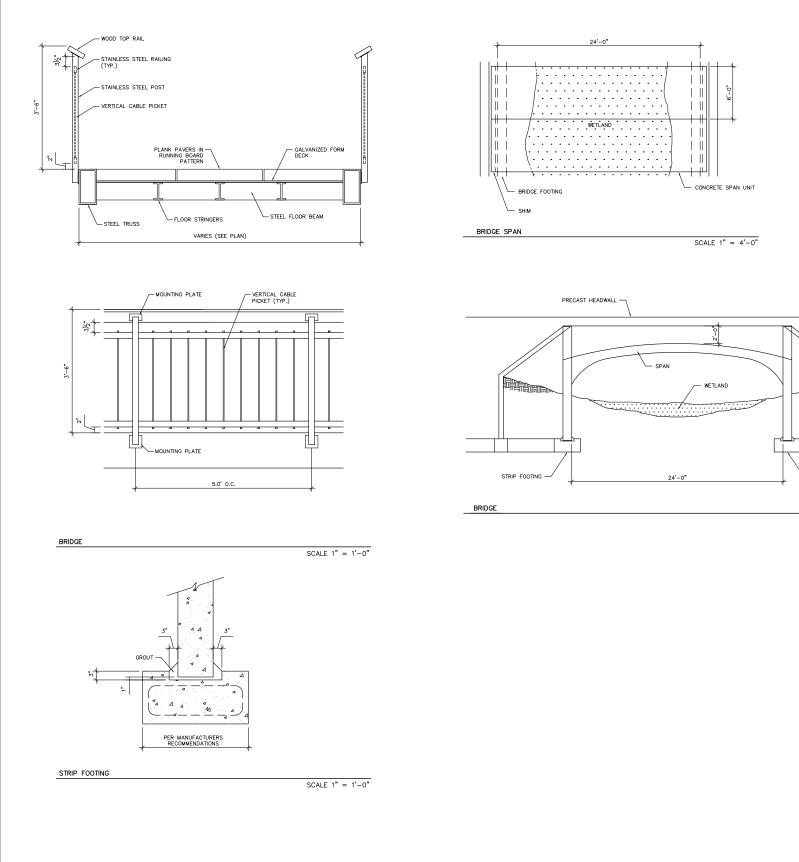




DRAWING DETAILS

Sheet Number





æ

STRIP FOOTING

SCALE 1'' = 4' - 0''



Project Title

### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approva
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date

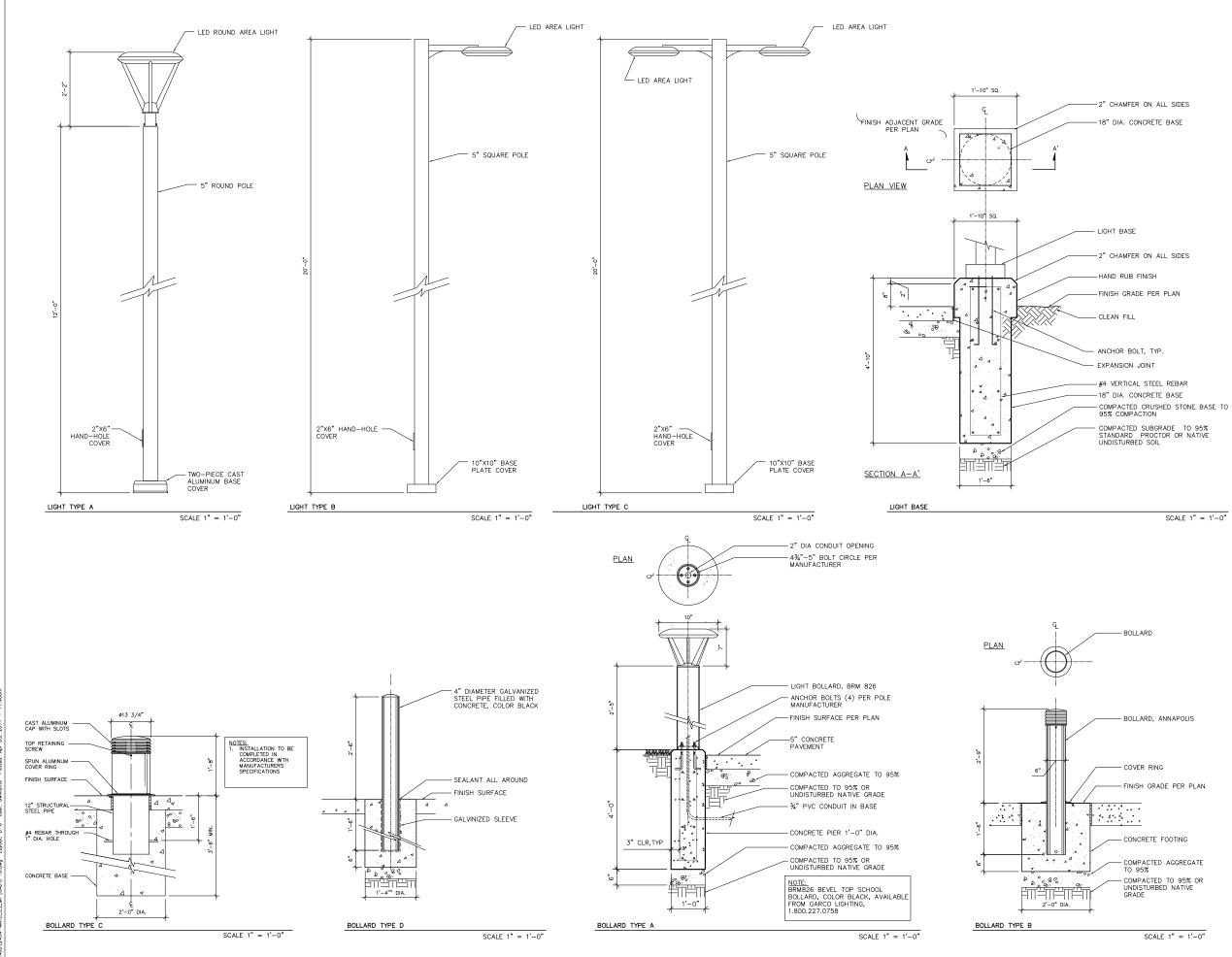




DRAWING DETAILS









Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approva
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date



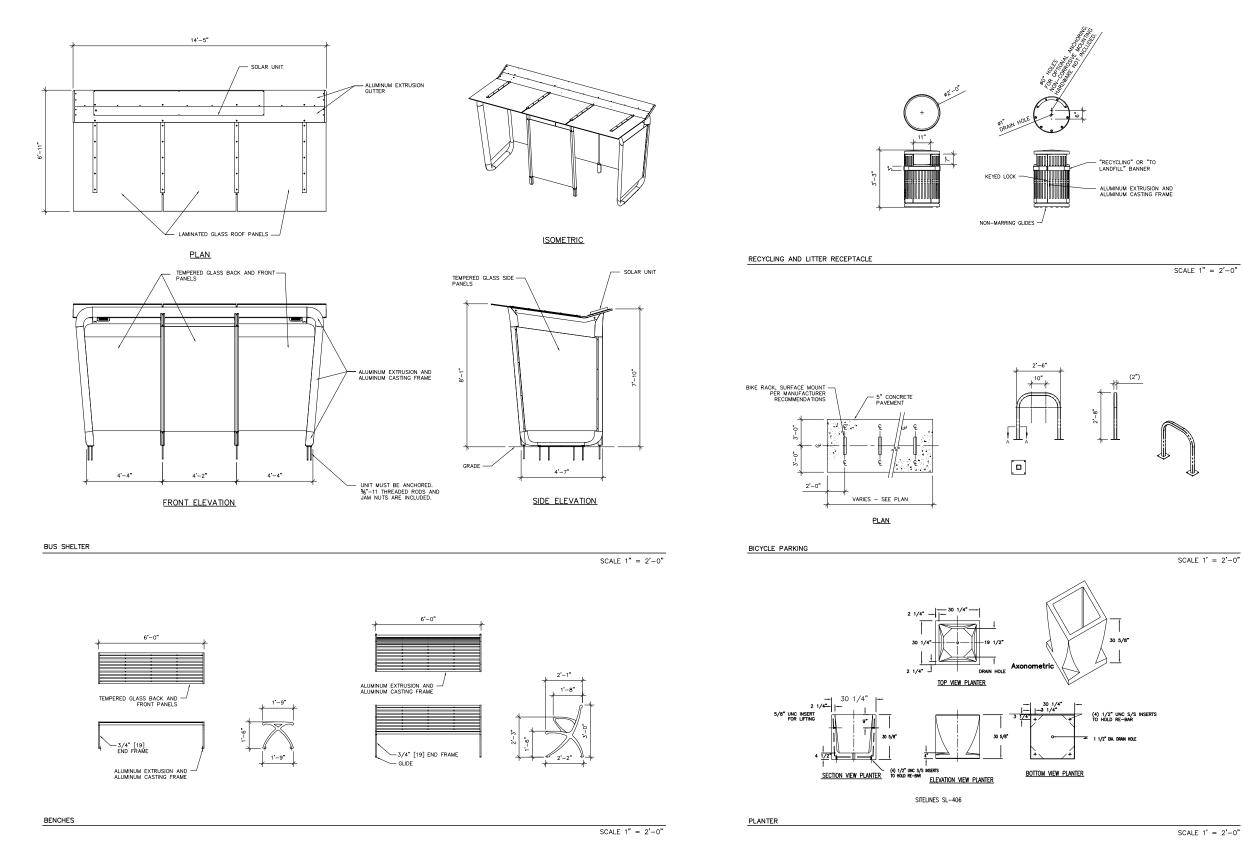




LP-506

DRAWING

DETAILS



SCALE 1'' = 2' - 0''

SCALE 1' = 2' - 0''



Project Title

### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date

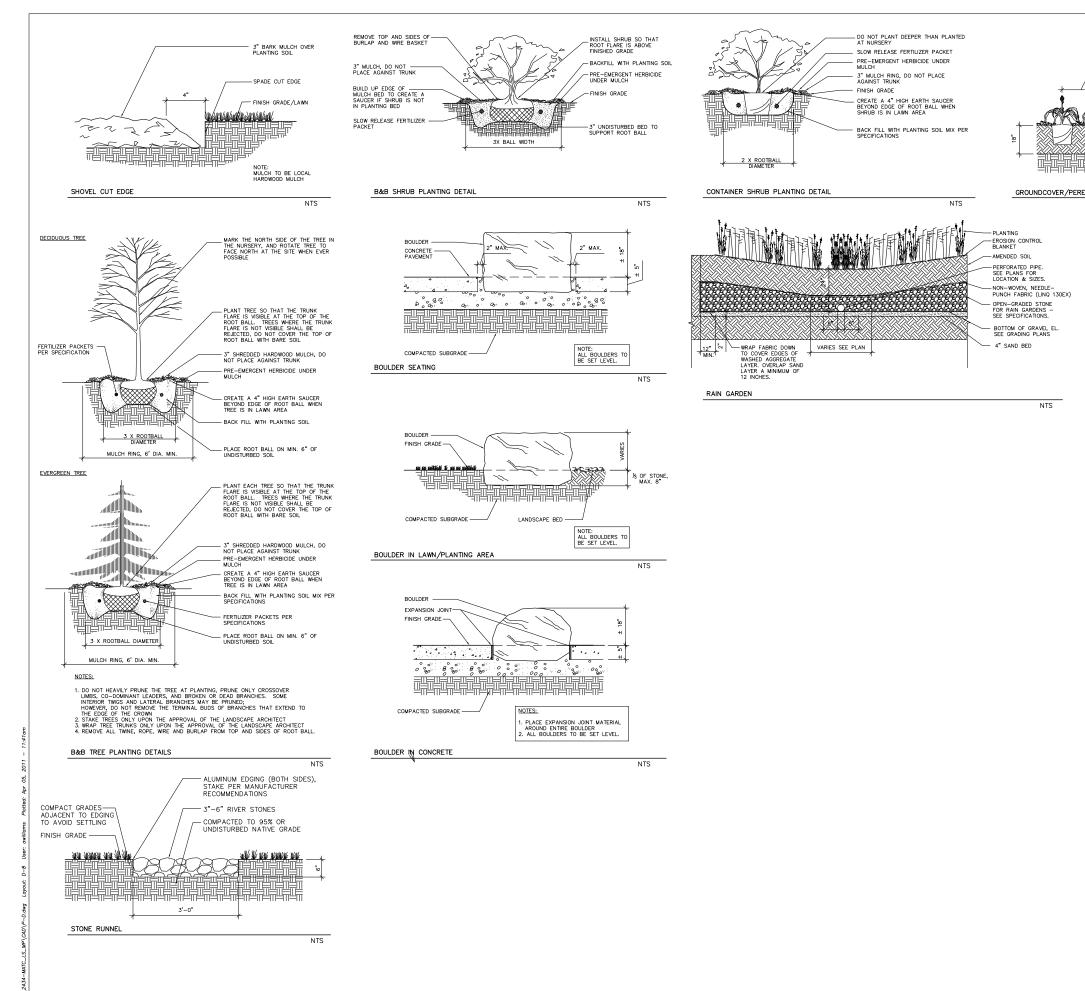


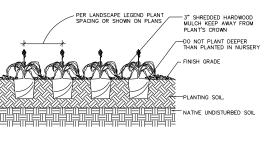


DRAWING DETAILS

Sheet Number

LP-507





GROUNDCOVER/PERENNIAL/BULB PLANTING DETAIL

NTS



Project Title

#### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date
-	



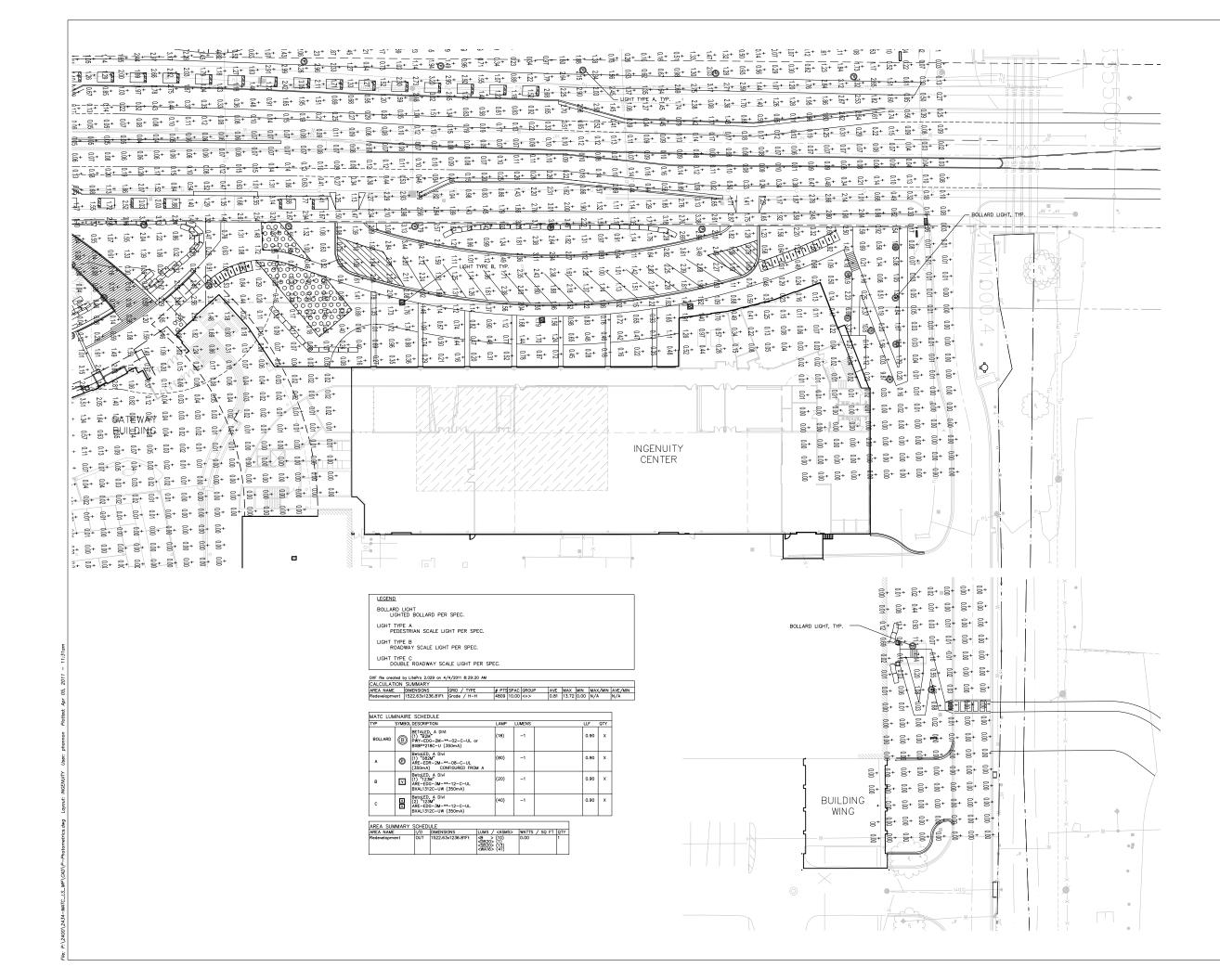
717 John Nolen Drive Madison, WI 53713 Ph. 608.255.0800 Fx. 608.255.7750 www.saa-madison.com



DRAWING









### Truax Ingenuity Center

### City of Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
SAA Project No.	2434
MC Project No.	-
Bid Pkg No.	B11-025

Revision	Date



717 John Nolen Drive Madison, WI 53713 Ph. 608.255.0800 Fx. 608.255.7750 www.saa-madison.com



Conservation Design Forum 375 West First Street Elmhurst, Illinois 60126 630.559.2000 Phone 630.559.2030 Fax www.cdfine.com

DRAWING SITE LAYOUT PLAN

0 \_\_\_\_\_ 40 \_\_\_\_\_ Sheet Number

LP-602



# **Photo Survey of Madison College North Parking Lot Striping**



1. Looking north up Wright Street at shared entry.



2. Looking east into site from the shared access driveway intersection at Wright Street. The Penske property is to the right.



3. Looking east into the site from the end of the shared driveway. The Penske property is located to the right inside the fence.



4. Looking east into the site at the end of the driveway and the west building elevation.

• Engineers • Surveyors • Planners



# **Photo Survey of Madison College North Parking Lot Striping**



5. Looking east at the west building elevation.



6. Looking south along STH 51 from the northeast corner of the lot.



7. Looking at the south property line along the shared lot line with The Penske property. Madison College in background.

8. Looking north at the west half of the south building elevation.

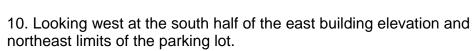




# **Photo Survey of Madison College North Parking Lot Striping**

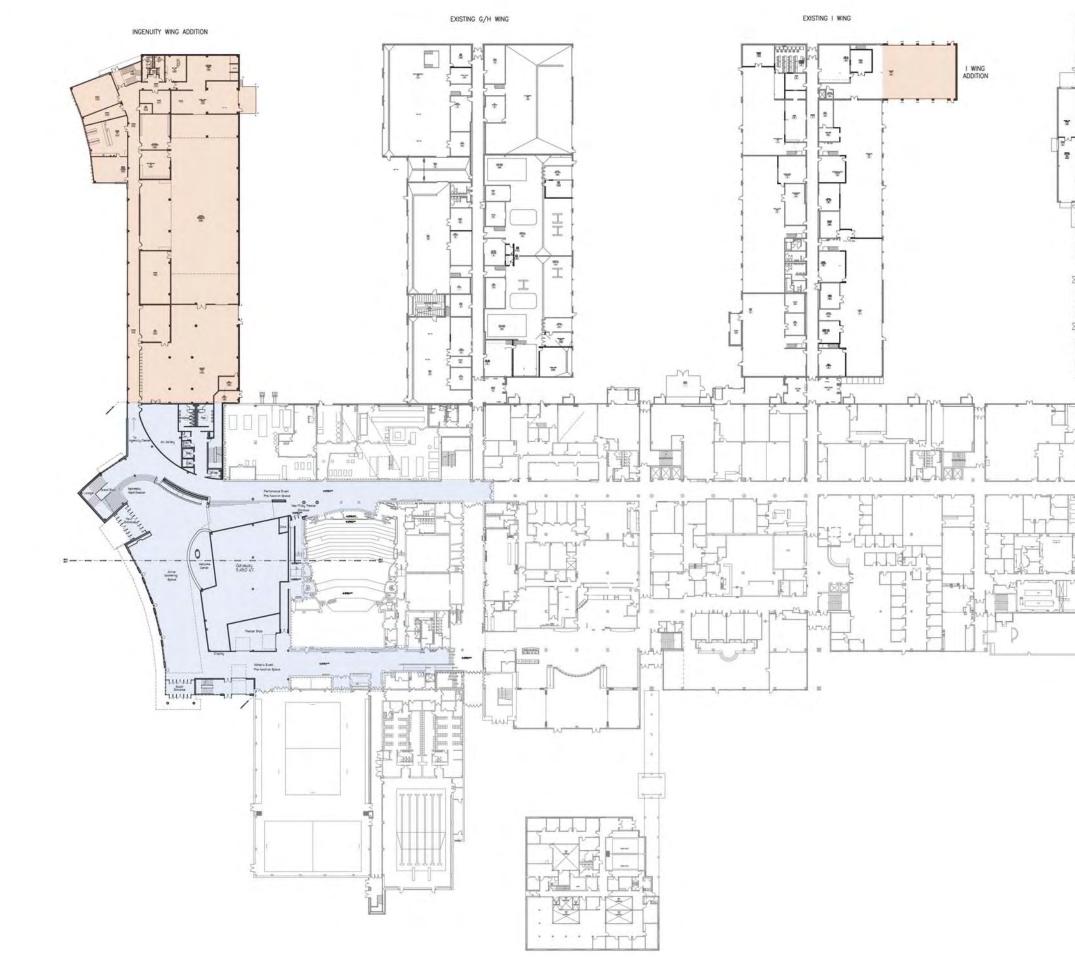


9. Looking northeast at the east half of the south building elevation.



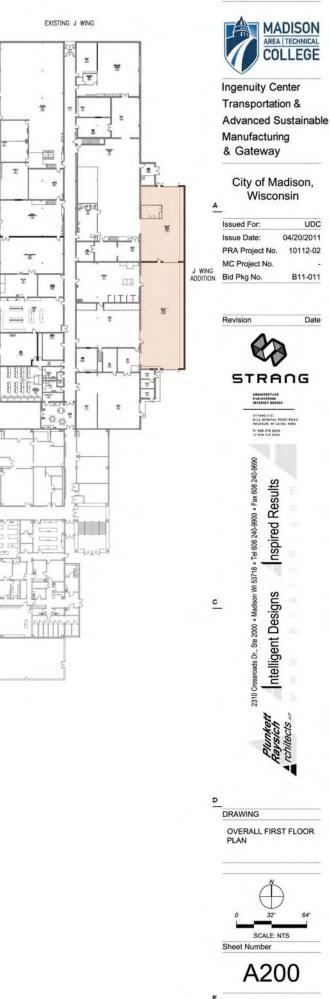
• Engineers • Surveyors • Planners



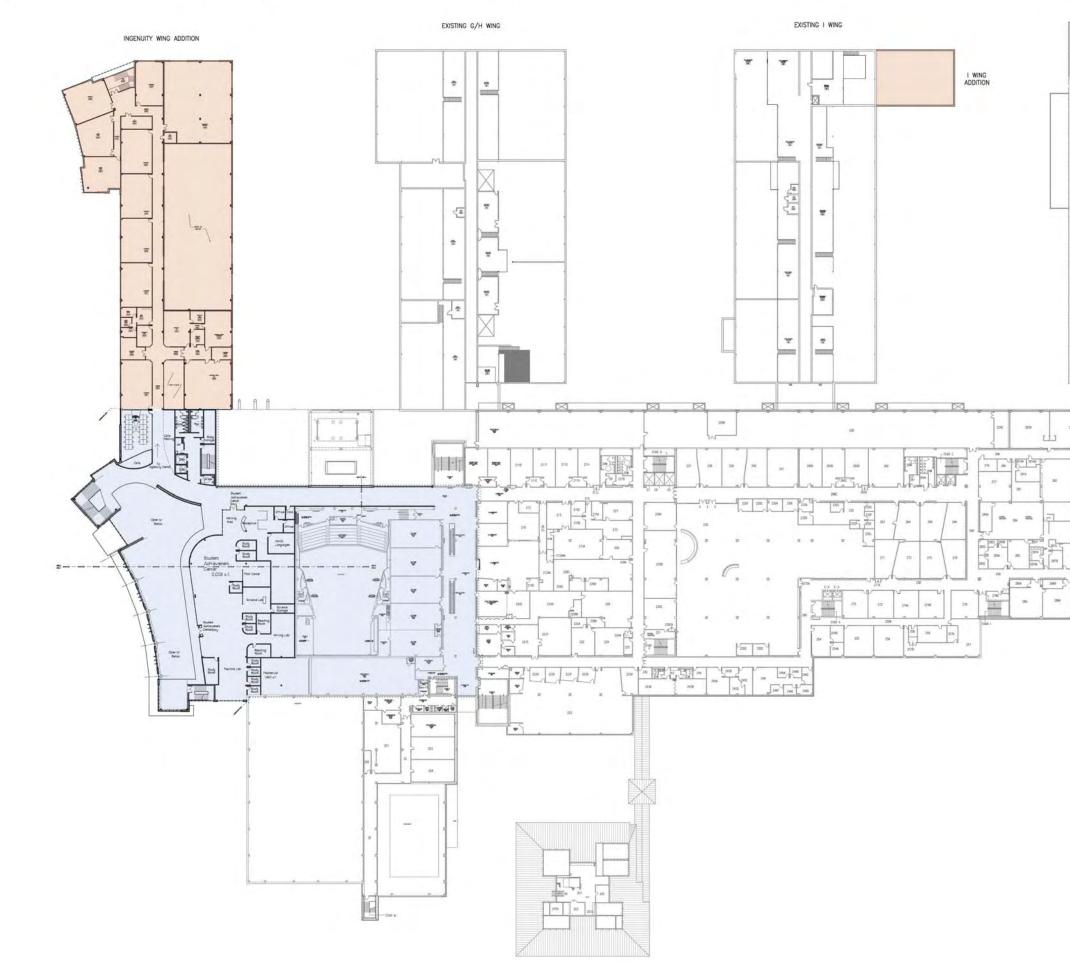


h

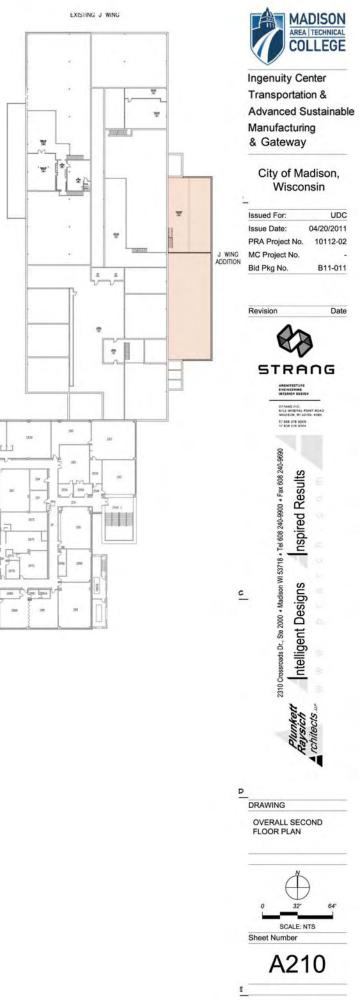
lich Architects, LLP - April 19, 2011 - 3-3

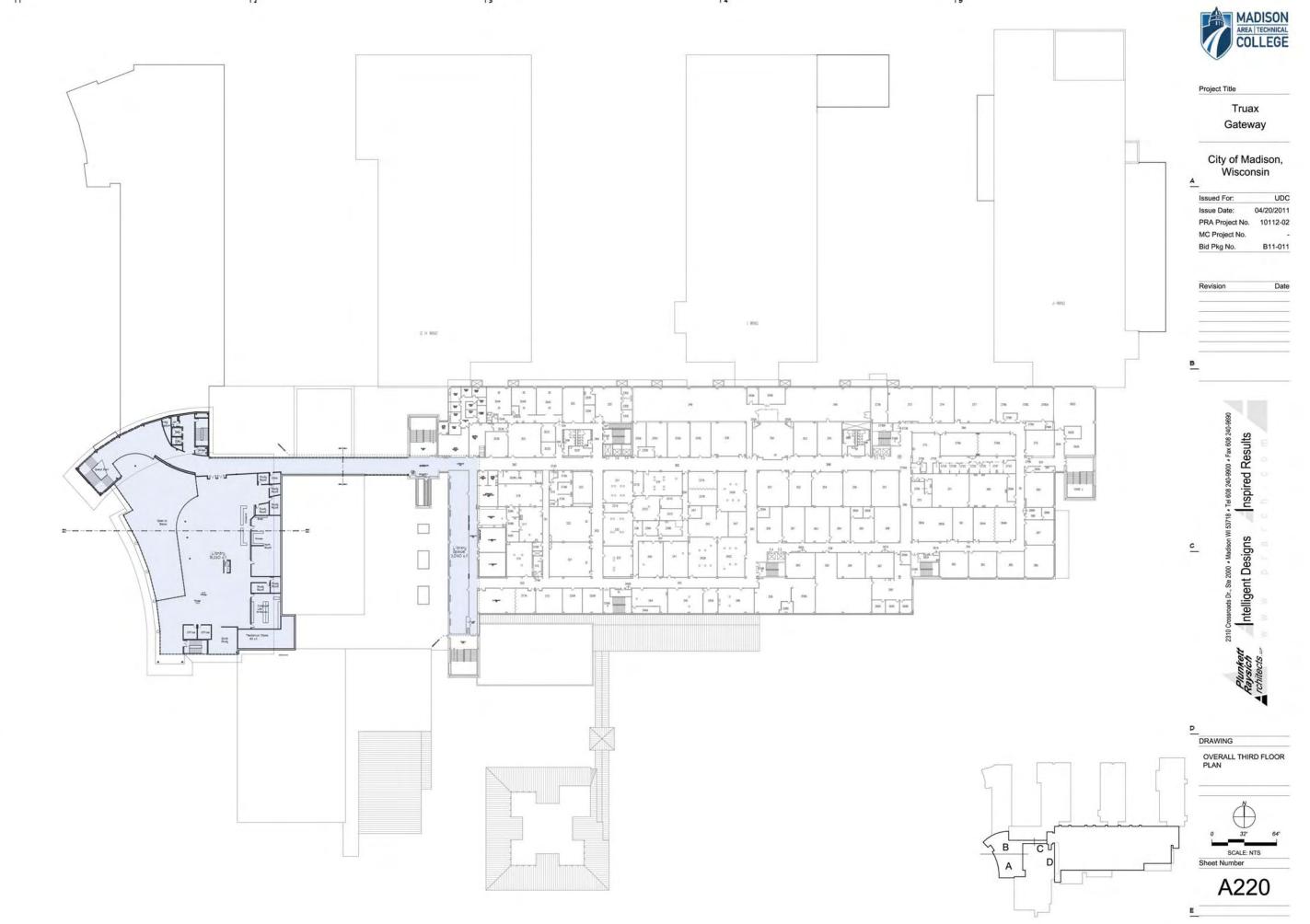


.



h

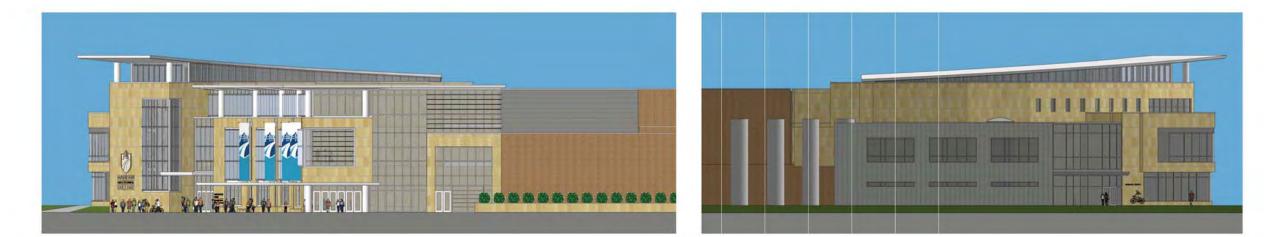




h







11

15



Project Title

## Truax Gateway

# City of Madison, Wisconsin

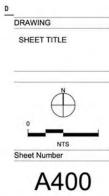
WISCONSIT	
Issued For:	UDC
Issue Date:	04/20/2011
PRA Project No.	10112-02
MC Project No.	
Bid Pkg No.	B11-011

Date



c







| 3

| 2





| 1

| 5

4



Project Title

# Truax Gateway

# City of Madison, Wisconsin

	1311
Issued For:	UDC
Issue Date:	04/20/2011
PRA Project No.	10112-02
MC Project No.	-
Bid Pkg No	B11-011

Revision	Date



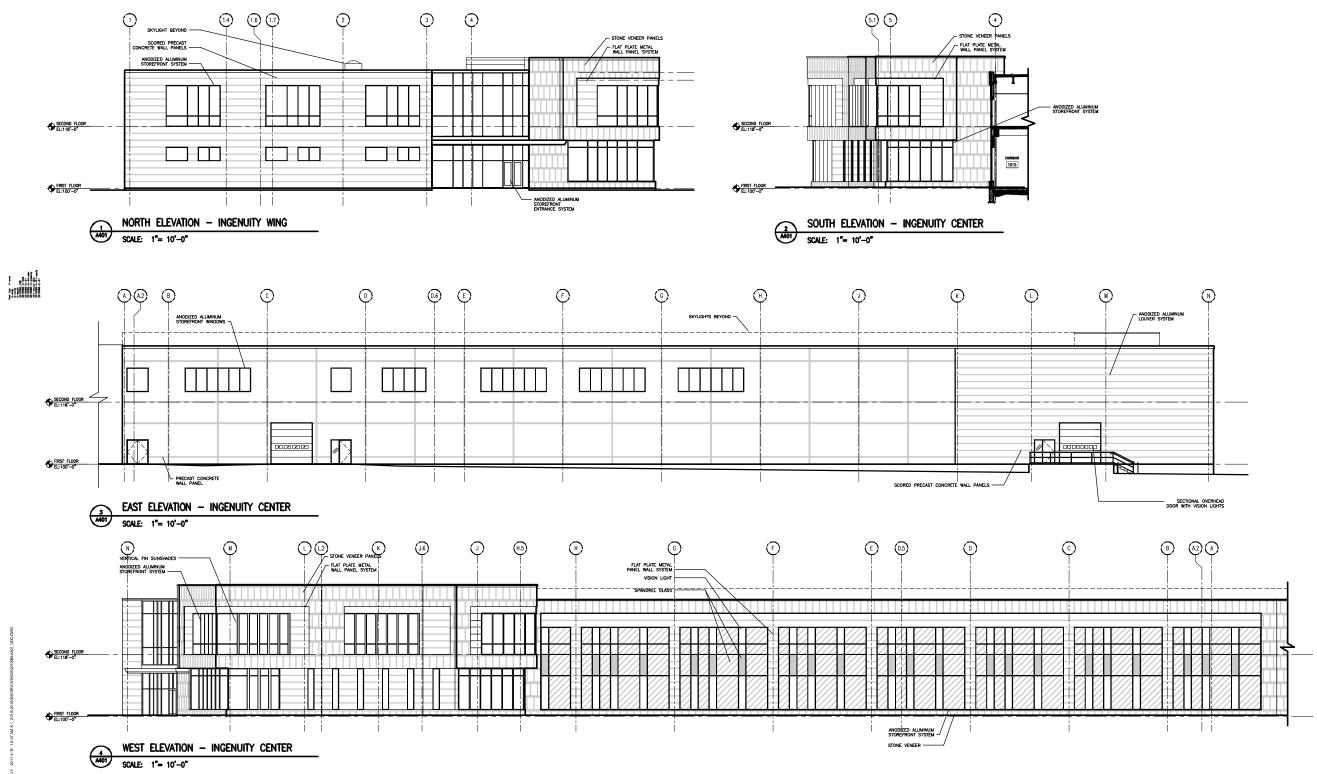
<u>c</u>\_\_\_













Project Title Ingenuity Center Transportation & Advanced Sustainable Manufacturing

### 3550 Anderson St Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
Strang Project No	. 2010080
Owner Project No	)
Bid Pkg No.	B11-009

Revision Date



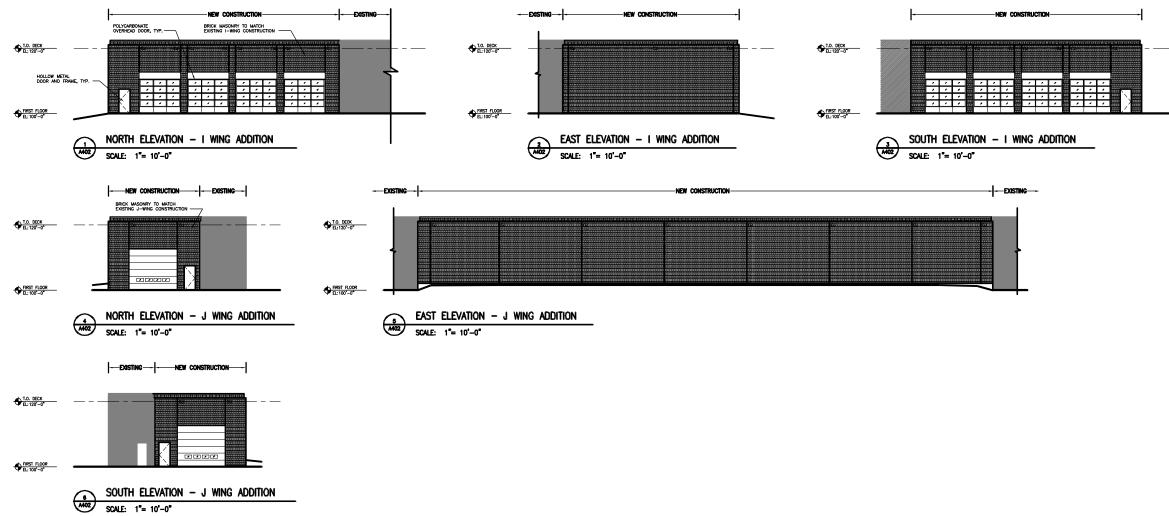
STRANG INC. 6411 Mineral Point Road Madison, Wi 53705-4395 T/ 808 278 9200 F/ 808 278 9204



DRAWING EXTERIOR ELEVATIONS -INGENUITY CENTER

Sheet Number







Project Title Ingenuity Center Transportation & Advanced Sustainable Manufacturing

### 3550 Anderson St Madison, Wisconsin

Issued For:	Approval
Issue Date:	04/06/2011
Strang Project No	. 2010080
Owner Project No	
Bid Pkg No.	B11-009

Date Revision



STRANG INC. 6411 MINERAL POINT ROAD Madison, WI 63708-4398 T/ 808 278 9200 F/ 808 278 9204



DRAWING EXTERIOR ELEVATIONS -I & J WINGS

Sheet Number

