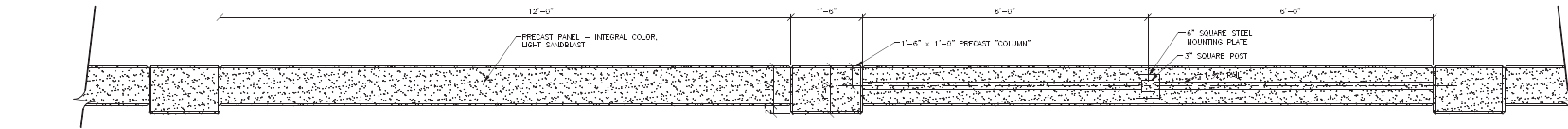
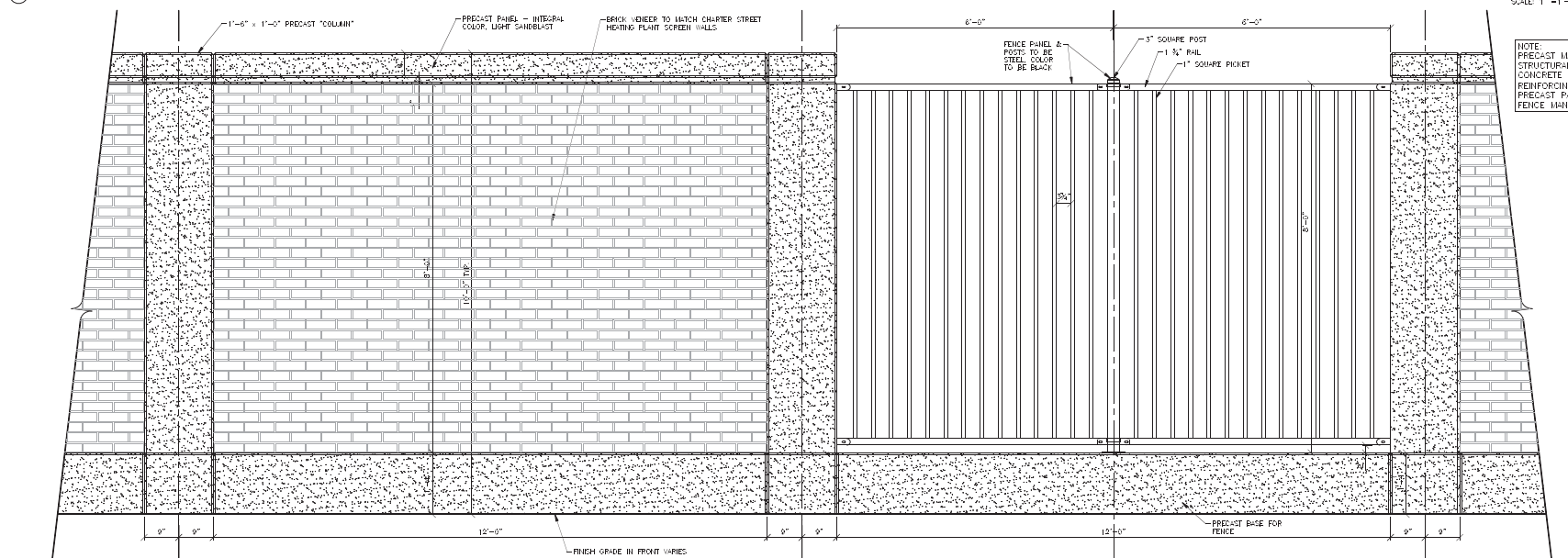


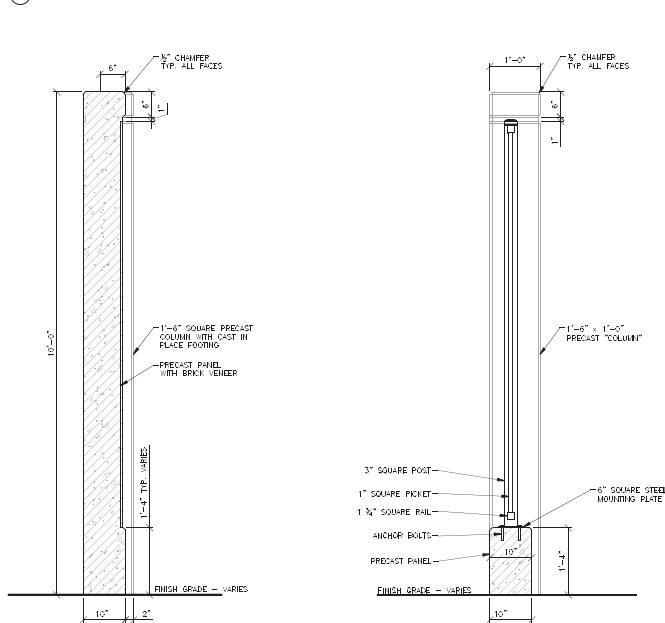
FILE P: 33030 300 CAD Detail - Switchgear (60.3L-60.3C-60.3D-60.3E-60.3F-60.3G-60.3H-60.3I-60.3J-60.3K-60.3L-60.3M-60.3N-60.3O-60.3P-60.3Q-60.3R-60.3S-60.3T-60.3U-60.3V-60.3W-60.3X-60.3Y-60.3Z) DATE: Sep. 20, 2011 TIME: 09:30 am



1 PRECAST SCREEN WALL - PLAN

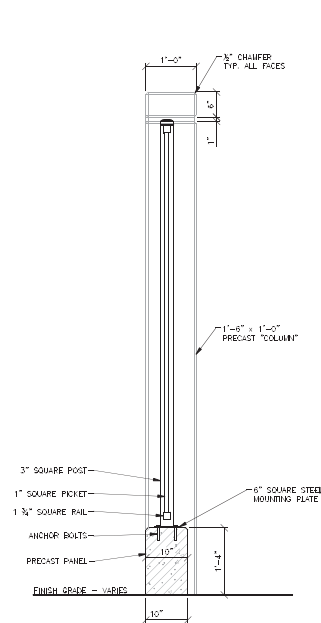


2 PRECAST SCREEN WALL/FENCE PANEL A



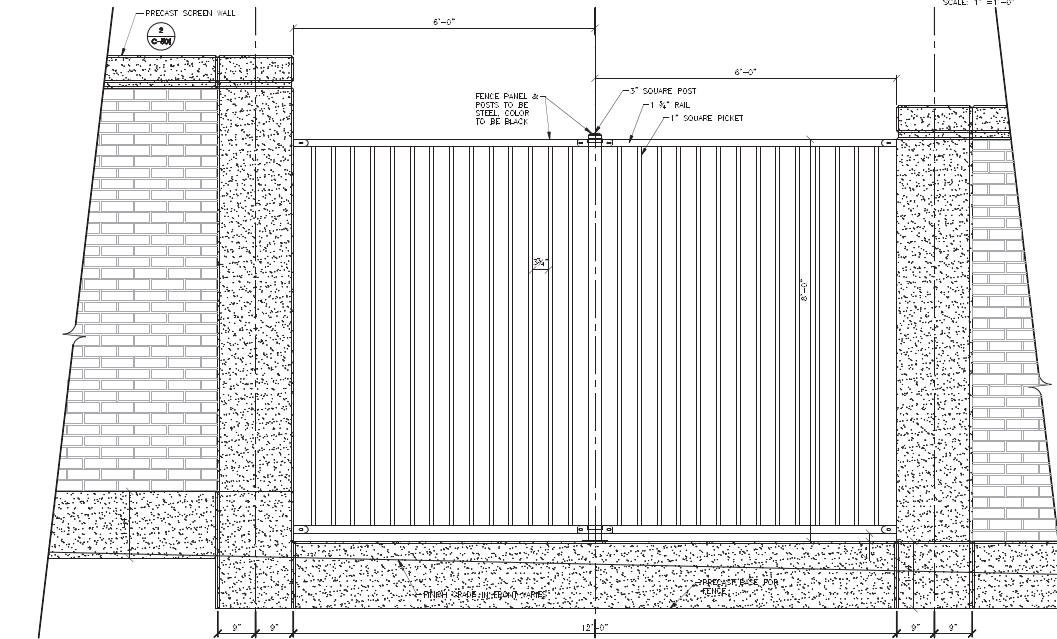
3 PRECAST SCREEN WALL CONCRETE PANEL - SECTION

SCALE: 1" = 1'-0"



4 PRECAST SCREEN WALL/FENCE PANEL - SECTION

SCALE: 1" = 1'-0"



5 STEPPED PRECAST SCREEN WALL/FENCE PANEL A

SCALE: 1" = 1'-0"

740 REGENT STREET
SUITE 200
MADISON, WISCONSIN 53715

Consultant:

JJR LLC
405 WILLIAMSON STREET
MADISON, WI 53703
608.261.1337 F
608.261.8147 P
www.jjr-llc.com

State of Wisconsin
Department of Administration
Division of State Facilities

UNIVERSITY OF WISCONSIN - MADISON

Project Title:
CHARTER STREET
15KV SWITCHGEAR BUILDING
Project Location:
203 NORTH CHARTER STREET

Sheet Title:
Screen Wall Details

No.	Date	Description
01	08/18/11	BLANK-SHEET REVIEW
02	09/01/11	DATE REVIEW
03	09/21/11	DATE REVIEW

Graphic Scale: 0' 2' 4' 6' 8' 10' 12'

DWG Number: 09A2L

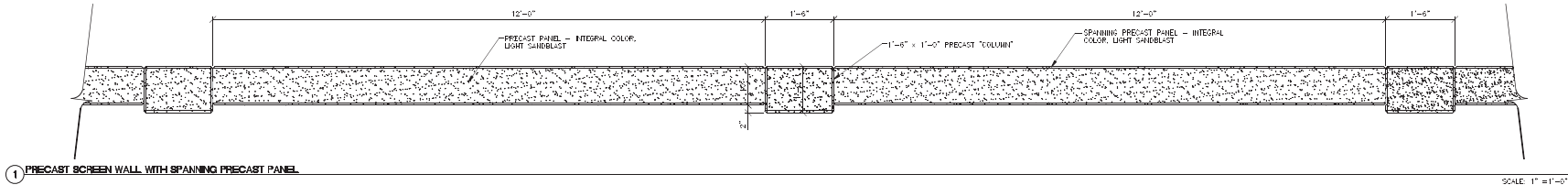
Set Type: FR

Date Issued: 09/21/2011

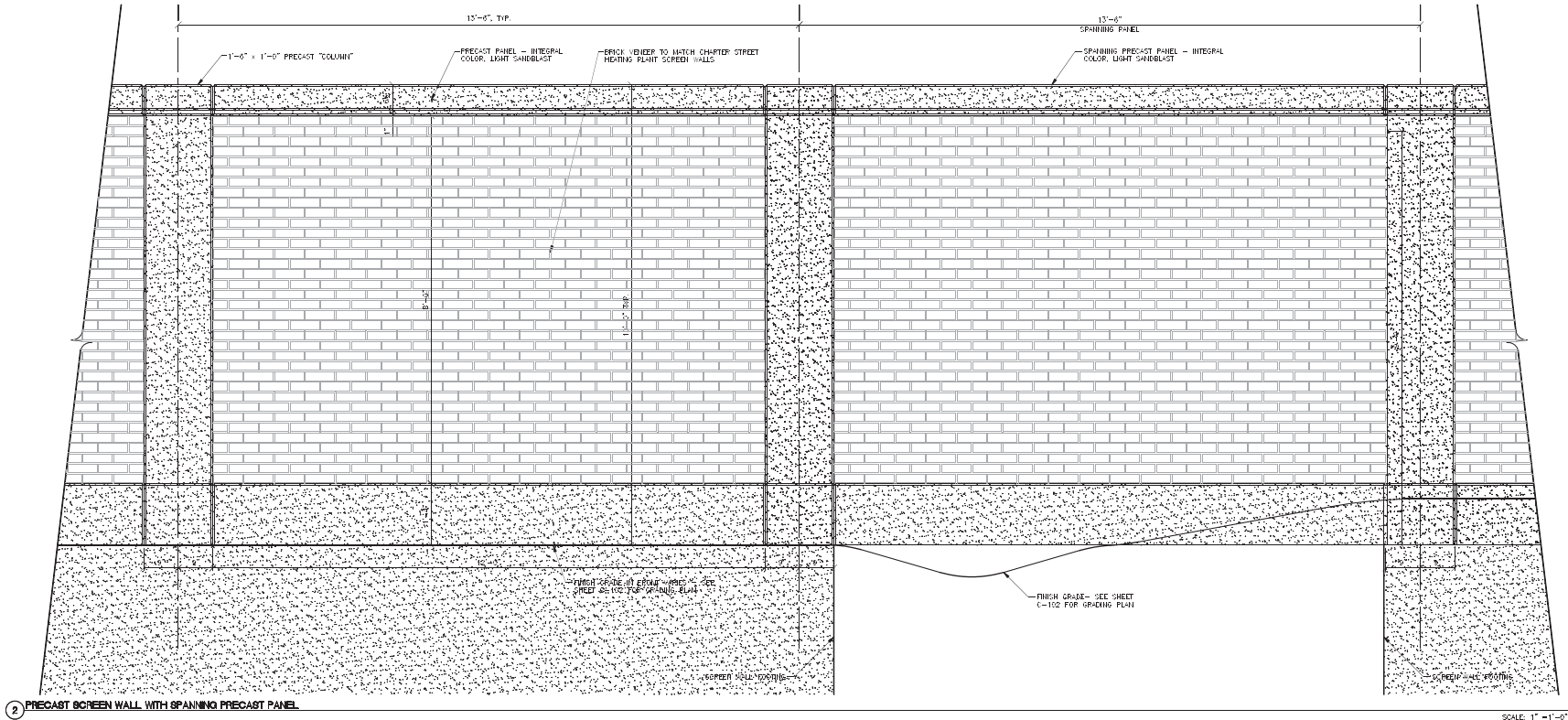
Sheet Number: C-501

FILE P: 33030 300 CAD Detail - Switchgear (60.3L-60.3C-60.3D-60.3E-60.3F-60.3G-60.3H-60.3I-60.3J-60.3K-60.3L-60.3M-60.3N-60.3O-60.3P-60.3Q-60.3R-60.3S-60.3T-60.3U-60.3V-60.3W-60.3X-60.3Y-60.3Z)

FILE P: 00000 000 C-050.dwg - Switchgear (06/25/2011) 10:25 AM DATE: 09/21/2011 TIME: 09:20 AM



1 PRECAST SCREEN WALL WITH SPANNING PRECAST PANEL



2 PRECAST SCREEN WALL WITH SPANNING PRECAST PANEL

NOTE:
PRECAST MANUFACTURER TO PROVIDE
STRUCTURAL REQUIREMENTS FOR
CONCRETE FOOTINGS AND PROVIDE ALL
REINFORCING/CONNECTIONS FOR
PRECAST PANELS. COORDINATE WITH
FENCE MANUFACTURER.

740 PEBBLE STREET
SUITE 202
HAYDEN, WISCONSIN 53755

Consultant:

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625 HILLMAN STREET
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State of Wisconsin
Department of Administration
Division of State Facilities

UNIVERSITY OF WISCONSIN - MADISON

Project Title:
CHARTER STREET
15KV SWITCHGEAR BUILDING

Project Location:
203 NORTH CHARTER STREET

Sheet Title:
Screen Wall Details

Rev.	Date	Description
01	08/18/11	ADJUST-AND REVISION
02	09/21/11	DATE REVISION
03	09/21/11	DATE REVISION

Graphic Scale: 1" = 1'-0"

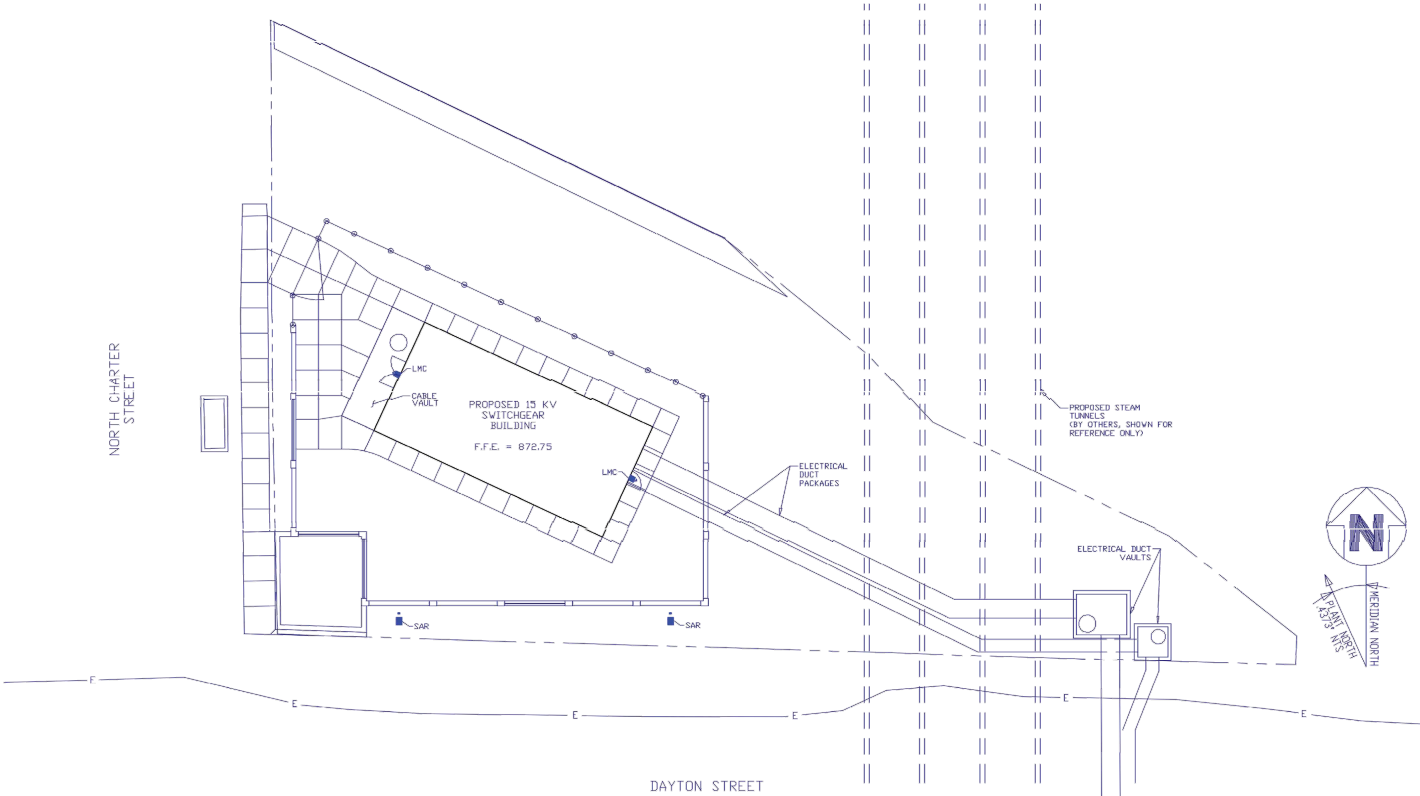
Sheet Number: C-502



 BOLDT artec Charter Street Heating Plant Madison, Wisconsin		74 PERCENT SHEET DATE: 02/09/2011 NUMBER: WISCONSIN 53715										
Consultant:												
 amtec 10000 WISCONSIN AVENUE, SUITE 200 MADISON, WISCONSIN 53715												
DRAWING NO. 09A2L PROJECT NO. 09-21-2011												
STATE OF WISCONSIN Department of Administration Division of State Facilities		UNIVERSITY OF WISCONSIN — MADISON										
		CHARTER STREET 15KV SWITCHGEAR BUILDING 203 NORTH-CHARTER STREET MADISON, WI										
Sheet Title: Electrical Room General Arrangement												
Revision Table: <table border="1"> <thead> <tr> <th>Rev.</th> <th>Date</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>02.10.11</td> <td>ISSUED FOR REVIEW</td> </tr> <tr> <td>2</td> <td>02.10.11</td> <td>ISSUED FOR REVIEW</td> </tr> </tbody> </table>				Rev.	Date	Description	1	02.10.11	ISSUED FOR REVIEW	2	02.10.11	ISSUED FOR REVIEW
Rev.	Date	Description										
1	02.10.11	ISSUED FOR REVIEW										
2	02.10.11	ISSUED FOR REVIEW										
Graphic Scale: 09A2L		Set T-164 Date Issued: 09/21/2011										
Sheet Number:		T-164 T-200										

FILE P: 03030 000 CAD sheet - Switchgear 06-25-2010 - RP-C10.dwg (52P) mldknsd DATE Sep 20 2011 TIME 09:29 am

LUMINAIRE SCHEDULE									
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	LMC	2	LMC-100P	OUTDOOR WALL MOUNTED ROADWAY REFLECTOR ALUMINUM ENCL. CLEAR FLAT GLASS LENS	100W MH T HAL ED17	lmc-100p.xls	9000	0.72	128
	SAR	2	SAR2-100RAH-ED17	SMALL ARCHITECTURE CUTOFF LUMINAIRE DIE CAST ALUM. REFLECTION SYSTEM WITH REGULAR PANELS DIE CAST ALUM HOUSING AND LENS FRAME CLEAR FLAT GLASS LENS	100 WATT CLEAR MH ED17 MEDIUM BASE LAMP HORIZONTAL POSITION, RATED AT 1200 INITIAL LUMENS	sar2-100p.xls	12000	0.72	150





740 PEBBLE STREET
SUITE 202
HUNTSVILLE, AL 35894-5515

Consultant:



JJR, LLC
425 WILLIAMSON STREET
MADISON, WI 53703
608.261.1377 F
608.261.8747 P
www.jjr-usa.com

SA-0395
06/12/2010

State of Wisconsin
Department of Administration
Division of State Facilities



Agency / Institution: UNIVERSITY OF WISCONSIN — MADISON

Project Title:
**CHARTER STREET
15KV SWITCHGEAR BUILDING**

Project Location:
**203 NORTH CHARTER STREET
MADISON, WI**

Sheet Title:
Site Lighting Plan

Rev.	Date	Description
01	08/18/11	BLANK-AND RE-REV
02	09/01/11	DATE RE-REV
03	09/21/11	DATE RE-REV

Graphic Scale: 0 5 10 15
DWG Number: 0942L
Set Type: FR
Date Issued: 09/21/2011
Sheet Number: **F-164
E-101**

FILE P: 03030 000 CAD sheet - Switchgear 06-25-2010 - RP-C10.dwg (52P) mldknsd DATE Sep 20 2011 TIME 09:29 am

 BOLDT smart a Charter Street Lighting Company 740 REGENT STREET MADISON, WISCONSIN 53715 TEL: 608.251.1177	
Consultant: JJR JAMES J. RYAN JAMES J. RYAN & ASSOCIATES, INC. 1000 UNIVERSITY AVENUE SUITE 1000 MADISON, WI 53706 TEL: 608.251.1177 WWW.JJR-USA.COM	
DATE: 09/21/2011 SHEET: 1 OF 1	
State of Wisconsin Department of Administration Division of State Facilities  UNIVERSITY OF WISCONSIN — MADISON — owner / responsible	Project Name: CHARTER STREET 15KV SWITCHGEAR BUILDING Project Location: 203 NORTH CHARTER STREET MADISON, WI Site Lighting Photometrics
Prepared: By: JLR Date: 09/19/11 Checked: JLR Date: 09/21/11 Project Review:	Description: (SITE PLAN) (PE) (E) (SITE PLAN) (PE) (E) (SITE PLAN) (PE) (E)
Graphic Scale: 0' 5' 10' 15'	DSW Number: 09A2L
Set Type: FR	Date Issued: 09/21/2011
Sheet Number: E-162 F-104	



CHARTER STREET 15KV SWITCHGEAR BUILDING UNIVERSITY OF WISCONSIN MADISON

CONDITIONAL USE APPROVAL DSF #09A2L

203 NORTH CHARTER STREET
MADISON, WI
SEPTEMBER 21, 2011

SHEET LIST

F-164	G-001	Title Sheet
F-164	G-101	Site Context Plan
F-164	V-101	Existing Conditions Notes and Legend
F-164	V-102	Existing Conditions
F-164	C-101	Site Preparation and Erosion Control Plan
F-164	C-102	Site Layout, Materials + Grading Plan
F-164	C-501	Screen Wall Details
F-164	C-502	Screen Wall Details
F-164	C-503	Site Fence Details
F-164	L-101	Site Landscape Plan
F-164	L-501	Site Landscape Details
F-164	E-101	Site Lighting Plan
F-164	E-102	Site Lighting Photometrics
F-164	E-0200	Electrical Room General Arrangement

Prepared for:

State of Wisconsin Department
of Administration
Division of State Facilities

and

University of Wisconsin - Madison
Facilities Planning & Management

Prepared by:

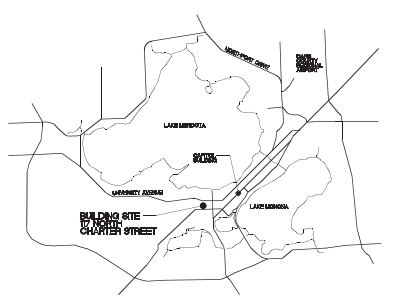
JJR
landscape architecture
planning
engineering

JJR, LLC
625 WILLIAMSON STREET
MADISON, WI 53703
608.251.1177 T
608.251.6147 F
www.jjr-us.com

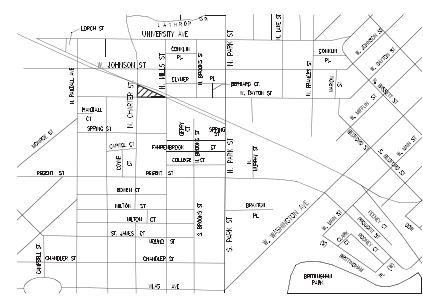


BOLDT/amec
740 REGENT STREET
SUITE 202
MADISON, WI 53715
608.257.2430 T
608.257.2478 F
www.theboldtcompany.com

VICINITY MAP



LOCATION MAP



PROJECT LIMITS

 740 REGENT STREET SUITE 202 MADISON, WI 53715	
Consultant: JJR JJR, LLC 625 WILLIAMSON STREET MADISON, WI 53703 608.251.1177 T 608.251.6147 F www.jjr-us.com	
SHEET DSF 024P	
State of Wisconsin Department of Administration Division of State Facilities	UNIVERSITY OF WISCONSIN - MADISON
PROJECT TITLE CHARTER STREET 15KV SWITCHGEAR BUILDING PROJECT LOCATION 203 NORTH CHARTER STREET MADISON, WI	
Prepared By	Checked By
Drawn By	Reviewed By
Scale	Scale
Date	Date
Sheet Number	Sheet Number
Graphic Scale	Graphic Scale
DSF Number	DSF Number
Set Type	Set Type
Date Revisd	Date Revisd
Sheet Number	Sheet Number

[illegible]



LEGEND:

- — — — — PROJECT LIMITS
- · · · · RIGHT OF WAY
- - - - - EASEMENT
- - - - - BED EDGE

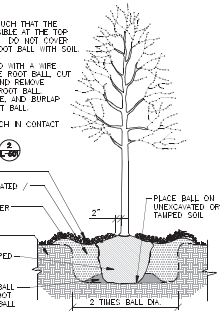
 ORNAMENTAL TREE
 STREET TREE
 CONIFEROUS TREE
 VINE
 PERENNIALS
 RESCUE SOD
 BLUEGRASS SOD

- 
- Know what's **below**.
Call before you dig.

PROJ FILENAME: F:\50306\000\04D\sheet - Switch-Gear\09-21-ELEC-PR-C1033.dwg

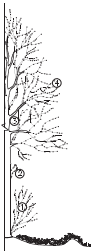
NOTES:

1. PLANT EACH TREE SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
2. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET AND REMOVE COMPLETELY FROM ROOT BALL. REMOVE TWINE, ROPE AND BURLAP ENTIRELY FROM ROOT BALL.
3. DO NOT PLACE MULCH IN CONTACT WITH TRUNK.
4. PRUNE PER DETAIL.



1 DECIDUOUS TREE PLANTING DETAIL NOT TO SCALE

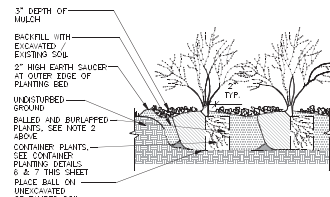
1. REMOVE SUCKER SHOOTS AT BASE OF TREE.
2. MAKE CLEAN CUTS AT BRANCH/BURP HOLE ON OLD STUBS, IF PRESENT.
3. REMOVE SUCKER SHOOTS ALONG TRUNK.
4. REMOVE INJURED BRANCHES.



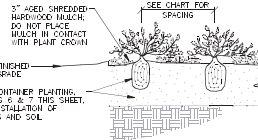
2 TREE PRUNING DETAIL NOT TO SCALE

NOTES:

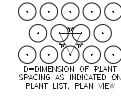
1. PLANT EACH SHRUB SUCH THAT THE ROOT COLLAR IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
2. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET AND REMOVE COMPLETELY FROM ROOT BALL. REMOVE TWINE, ROPE AND BURLAP ENTIRELY FROM ROOT BALL.
3. DO NOT PLACE MULCH IN CONTACT WITH STEMS.



3 SHRUB PLANTING DETAIL NOT TO SCALE



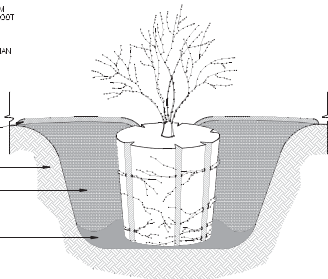
4 PERENNIAL PLANTING DETAIL NOT TO SCALE



5 PLANT SPACING DETAIL NOT TO SCALE

NOTES:

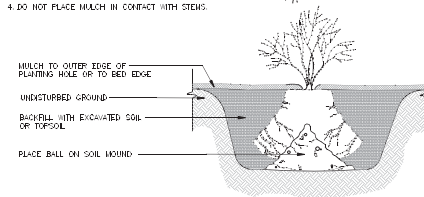
1. FOR 3 TO 10 GALLON CONTAINERS: MAKE 1" - 2" DEEP VERTICAL CUTS EVERY 6" AROUND THE CIRCUMFERENCE OF THE ROOT BALL BEFORE PLANTING.
2. PLANT EACH PLANT SUCH THAT THE STEM FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
3. PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL.
4. DO NOT PLACE MULCH IN CONTACT WITH STEMS.



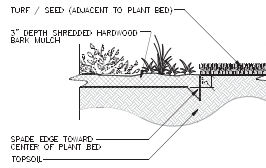
6 LARGE CONTAINER PLANTING DETAIL NOT TO SCALE

NOTES:

1. FOR 1 TO 2 GALLON CONTAINERS: BUTTERFLY ROOT BALL. NEVER LOWER 1/2 IN. OF ROOT BALL WITH A SHAPE CUT (SPREAD OPEN) SEVERED ROOT BALL AND PLACE AGAINST BOTTOM OF THE INDICATED PLANTING HOLE.
2. PLANT EACH PLANT SUCH THAT THE STEM FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
3. PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL.
4. DO NOT PLACE MULCH IN CONTACT WITH STEMS.



7 SMALL CONTAINER PLANTING DETAIL NOT TO SCALE



7 LANDSCAPE BED EDGE NOT TO SCALE



740 REGENT STREET
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State of Wisconsin
Department of Administration
Division of State Facilities



ADMINISTRATOR
UNIVERSITY OF WISCONSIN — MADISON

Project Title:
CHARTER STREET
15KV SWITCHGEAR BUILDING

Project Location:
203 NORTH CHARTER STREET
MADISON, WI

Project Number:
15KV-SWITCHGEAR-BUILDING-001

Sheet Title:
Site Landscaping Details

Rev.	Date	Description
01	08/18/11	BLANK-AND REVISION
02	09/15/11	DATE REVISION
03	09/21/11	DATE REVISION

Graphic Scale:



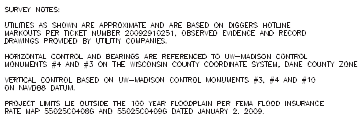
0' 6' 12' 18'

DSF Number: 0942L

Set Type: FR

Date Issued: 09/21/2011

Sheet Number: F-164 L-501



FIELD SURVEY DATA ACQUIRED JULY AND AUGUST 2009

FIN ELEVATIONS OF STORM SEWER INLETS ARE GIVEN AT THE FLOW LINE OF THE GRATE

PIPE MATERIALS
 CU - COPPER
 CI - CAST IRON
 DI - DUCTILE IRON
 ST - STEEL
 RCP - REINFORCED CONCRETE PIPE
 VP - VITRIFIED PPE
 HRECP - HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE

JAMES L. REID
REGISTERED LAND SURVEYOR S-2559
AUGUST 11, 2019

CONTROL POINTS			
Number	Longitude	Latitude	Description
20	48°02'58.78" N	17°57'59.32" E	Observed + in marine net
21	48°02'58.78" N	17°57'59.32" E	Observed + in seine-pot
25	48°03'07.60" N	17°58'00.38" E	Observed + in seine-pot
30	48°01'46.74" N	17°56'44.11" E	Obs. pool in aggregate
31	48°02'58.78" N	17°57'59.32" E	Obs. pool in aggregate
32	48°03'17.83" N	17°58'00.38" E	Obs. pool in aggregate
716	48°03'38.45" N	18°01'48.63" E	1-1/4 "rebar
717	48°03'44.66" N	18°02'02.39" E	1-1/4 "rebar
718	48°03'11.11" N	17°58'00.38" E	1-1/4 "rebar
719	48°03'48.16" N	18°01'48.63" E	3/4" rebar
721	48°03'48.61" N	18°02'42.72" E	3/4" rebar
722	48°03'55.22" N	18°02'42.72" E	3/4" rebar
723	48°03'57.28" N	18°02'54.84" E	3/4" rebar
724	48°03'52.99" N	18°02'55.09" E	3/4" rebar
725	48°03'55.22" N	18°02'54.84" E	3/4" rebar
13564	48°04'42.40" N	17°58'00.38" E	3/4" rebar
13569	48°05'01.51" N	17°58'00.38" E	1-1/4 "rein pipe
16014	48°05'02.92" N	17°58'02.66" E	3/4" rebar inside 1" pipe
16015	48°05'02.92" N	17°58'02.66" E	3/4" rebar inside 1" pipe
16224	48°05'19.09" N	17°57'56.61" E	pi nail in concrete joint

*STANDING WATER FOUND, BUT NO INVERTS
FOUND IN STRUCTURE 30207. ELEVATION
IS BOTTOM OF STRUCTURE.

NOTE: STRUCTURE 2143 HAS CONTINUOUS FLOW OF STORMWATER (FILE: 953.J)

● LIN	MANHOLE	X	CHASED CROSS CUT
○ INLET	INLET	+	PH. PALE FOUND
— 1" —	1/2" INLET VALVE	⊕	EXIST PP SWITCH
— 6" V	6" GAS VALVE	⊕	PP SIGNAL BOX
— 12" V	STREET LIGHT	⊕	PP SIGNAL
— 18" V	PIPE INFORMATION	⊕	ELECTRIC TRAIL
— 24" V	CONFERIOUS TREE	⊕	GAS METER
— 30" V	DECOROUS TREE	⊕	TRAFFIC SIGNAL LIGHT
— 36" V	STEAL ACCESS STRUCTURE	⊕	1/2" LIGHT W/IN W/IN
— 42" V	MISC. SINGLE POLE SOLE	⊕	POWER POLE
— 48" V	CONCRETE/STEEL BOLLARD	⊕	1/2" LIGHT AND GAS
— 54" V	ELECTRIC PULBOLL	⊕	W/IN W/IN W/IN
— 60" V	SURVEY CONTROL POINT	⊕	POWER POLE
△ CP #10	3/4" x 10" IRON SPHE SET	⊕	TELEPHONE POLE
+	3/4" IRON STAKE FOUND	⊕	40-60 GROUND TAP
+	CHASED CROSS FOUND	⊕	POINT OF DIAL
+	IRON PIPE FOUND (1")	⊕	POINT OF SWITCH
+	VALVES (CONCRETE NOTED)	⊕	EPHIMID BARRIER
+	FRANK	⊕	GAS VENT
— 0 —	EDGE OF GRAVEL AREA	⊕	ELECTRIC PEGDOL
— 1 —	UNDERGROUND TELEPHONE	⊕	P/ABING METER
— 2 —	UNDERGROUND ELECTRIC	⊕	SPOT ELEVATION
— 3 —	UNDERGROUND SIGNAL	⊕	INTERSECTION CONTOUR
— 4 —	UNDERGROUND TRAIL OFFIC	⊕	W/IN CONTOUR
— 5 —	UNDERGROUND SAFETY	⊕	MODERN RIGHT OF WAY
— 6 —	UNDERGROUND GAS	⊕	
— 7 —	UNDERGROUND WATER	⊕	
— 8 —	CILLED WATER LINE	⊕	
— 9 —	STAIR STEP	⊕	
— 10 —	STEAL LINE	⊕	
— 11 —	OVERHEAD ELECTRIC	⊕	
— 12 —	RAILWAY TRACK LINE	⊕	
— 13 —	LOT LINES	⊕	
— 14 —	EASEMENT LINES	⊕	
— 15 —	EDGE OF PP TRCS	⊕	
— 16 —	EXIST PP TRACS	⊕	
— 17 —		⊕	
— 18 —		⊕	
— 19 —		⊕	
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