

### **Planning Commission Memorandum**

To: Planning Commission

From: John Hinzman, Community Development Director

**Date: October 12, 2015** 

Item: Confluence Development – Public Hearing #2015-29 – Preliminary Plat\Final

Plat\Site Plan\Special Use Permit – Great Rivers Landing (Hudson Building) – 200

West 2<sup>nd</sup> Street.

### PLANNING COMMISSION ACTION REQUESTED:

Hold a public hearing to consider the following actions related to the Great Rivers Landing, a rehabilitation of the former Hudson Manufacturing Facility located at 200 West 2<sup>nd</sup> Street into housing and commercial uses:

- 1. Preliminary and Final Plat
- 2. Site Plan
- 3. Special Use Permit 1<sup>st</sup> Floor Residential in the DC Zoning District
- 4. Special Use Permit Shoreland Ordinance multiple family building exceeding five units.
- 5. Special Use Permit Shoreland Ordinance Impervious Surface Exceeding 25%
- 6. Special Use Permit Shoreland Ordinance Movement of over 50 cubic yards in the Shoreland Impact Zone.

**Final Action is not sought at this time.** Staff continues to review plans and anticipates formal action by the Commission at the October 26<sup>th</sup> Meeting.

# **HISTORY**

Redevelopment of the Hudson Site has been a long term objective. Recent events include:

Reshaping the Mississippi Riverfront - Over the past 30 years, the City of Hastings has
prioritized the removal of industrial activities from the downtown riverfront. The 2003
Heart of Hastings Plan further detailed redevelopment aspirations of the Hudson Site,
calling for rehabilitation of the historic portions of the building for a mixed residential
commercial development.

- Hastings Bridge Project Partial acquisition and demolition of the property as part of the TH 61 Mississippi River Bridge Project significantly altered Hudson's ability to continue operations at its current site. MN DOT funding for partial purchase and Hudson's desire to relocate its operations provided a unique opportunity to purchase the site for redevelopment.
- HEDRA Purchase of the Hudson Site The Hastings Economic Development and Redevelopment Authority (HEDRA) purchased the site in December, 2010 for \$3.0 million. \$2.855 million was financed through limited tax obligation bonds paid through HEDRA's annual levy. A \$250,000 Redevelopment Incentive Grant (RIG) from the Dakota County Community Development Agency (CDA) also assisted in purchasing the building.
- Reuse Study Preserve as a Mixed Use Development Upon purchase of the building, the City and HEDRA further studied potential redevelopment options for the building. As part of historic mitigation for the bridge project, MN DOT funded a reuse study of the Hudson Building. Stark Preservation Planning completed the report in 2011 and recommended rehabilitation of all areas of the building constructed before 1945. Findings of the reuse study were consistent with the overwhelming response by citizens and neighbors to preserve and reuse the building as a mixed use facility.
- Environmental Investigation and Cleanup Phase I and II Environmental Reviews have been completed. The Minnesota Pollution Control Agency (MPCA) has approved our Response Action Plan (RAP) for environmental cleanup. Partial soil remediation, and asbestos\hazardous materials abatement have begun. To date, all environmental review and cleanup expenses have been fully paid through grant dollars.
- Nearly \$3 Million in Grant Funding Received to Date The City has received 17 grants totaling \$2.9 million to assist in site acquisition, environmental review, environmental cleanup, planning, and site development.

Please see the attached Historic Redevelopment Timeframe for further information.

# **Confluence Development**

Beginning in 2012, HEDRA reviewed several concepts for redevelopment from a variety of development firms. Confluence Development, LLC a partnership between Pat Reagan (Hastings Bus Company, Premier Banks, and Schoolhouse Square) and Bill Weyland of Louisville, Kentucky based City Properties (developer of many historic mixed use projects in Louisville) was chosen as the preferred developer. Confluence was chosen based upon its extensive historical rehabilitation experience, riverfront development successes, and concept for a mixed use development. HEDRA and Confluence entered into a Preliminary Development Agreement for the site in January 2014.

# **PROPOSAL**

### **Great Rivers Landing Development – Hudson Manufacturing**

Confluence Development proposes to transform the Hudson facility into Great River Landing, a mixed use rehabilitation of the remaining Hudson Building to consist of:

- 60 apartment units
- Gallery\Art Space
- Retail
- Restaurant
- Events Space
- River Outfitter

# Phase II Development – 1<sup>st</sup> National Bank

Confluence has also purchased the former 1<sup>st</sup> National Bank Building located at 119 2<sup>nd</sup> Street West (across 2<sup>nd</sup> Street from Hudson) for inclusion as a Phase II of the development. Preliminary plans include construction of a hotel or construction of additional parking for the entire Great Rivers Landing.

### **BACKGROUND**

# **Existing Condition**

The 3.8 acre site consists of seven parcels owned by the HEDRA containing a 100,000 s.f. two story manufacturing building formerly owned and operated by Hudson Manufacturing. The existing building was constructed in a series of phases between 1909 and 1945. The site is eligible for placement on the Historic Register. Site designation is planned as part of the development. The Mississippi River Trail traverses the property's north end.

### **Comprehensive Plan Classification**

The site is designated as "Mixed Use" in the 2030 Hastings Comprehensive Plan. Site development is consistent with the Plan.

### **Zoning Classification**

The site is zoned DC – Downtown Core. The DC district allows for a mixture of both residential and commercial uses.

### Adjacent Zoning and Land Use

The following land uses abut the site

	Existing Use	Zoning	Comprehensive Plan
North	Mississippi River		
	TH 61 Bridge		
East	Bella Vista	C-3 Community Regional Commerce	Mixed Use
	Restaurant		
	2 <sup>nd</sup> Street W		
South	1 <sup>st</sup> National Bank	C-3 Community Regional Commerce	Mixed Use
	Residences	R-2 Medium Density Residence	Low Density Resident.
	Lock and Dam Road		
West	Residences	R-2 Medium Density Residence	Low Density Resident.

### **INITIAL PLAN REVIEW**

### Streets

No new public streets. All access drives would be privately owned and maintained.

### **Park Land Dedication**

Park land dedication is required. Physical land dedication or cash in lieu of dedication may be considered. The Park and Recreation Commission will review park dedication requirements. Dedication of park land along the Mississippi Riverfront is proposed.

### Minnesota Department of Transportation Review

Plans will be submitted to the Minnesota Department of Transportation for review.

# **Dakota County Highway Department Review**

Plans will be submitted to the Dakota County Highway Department for review.

### **Vehicular Access and Circulation**

- Lock and Dam Road The existing entrance from Lock and Dam Road would be moved slightly north. The access point is acceptable.
- **2**<sup>nd</sup> **Street Parking Lot** A new parking and dropoff area for the restaurant and event center is proposed from 2<sup>nd</sup> Street near the southeast corner of the building. The entrance to 2<sup>nd</sup> will need to be approved by Dakota County Highway.

• **2**<sup>nd</sup> **Street Courtyard.** The existing parking lot entrance from 2<sup>nd</sup> street to the center court area would be removed and replaced with a private park.

### **Delivery and Loading Area**

A delivery and loading area is proposed near the east end of the building.

### Pedestrian Access

Sidewalks and trails exist along 2<sup>nd</sup> Street, Lock and Dam Road, and the Mississippi River. The riverfront trail will be improved and may be shifted further south to better integrate with the site.

### **Parking**

Existing parking for the proposed uses is insufficient. Additional parking may be provided as follows:

- Parking Structure Convert the existing surface parking lot located near the
  southwest corner of the site into a structured parking facility. A \$1.5 million grant
  application for construction of a parking facility has been submitted to Metropolitan
  Council. The grant has been selected for consideration and looks very promising.
  Further information on the grant will be available in late October\November.
- 1st National Bank The 1st National Bank property can be utilized for parking under a shared parking agreement.

### **Architectural Elevations**

Confluence is seeking Historic Tax Credits to assist in financing the project, requiring review by the State Historic Preservation Office. The building will retain its historic character and is consistent with both Zoning Architecture Standards and Heart of Hastings Design Standards.

### Tree Removal

- Riverfront Reconfiguration of the riverfront trail will result in the loss of trees along
  the Mississippi River. The trees were originally planted to serve as screening
  between the 1974 building addition (demolished in 2012) and the river trail.
  Removal of the industrial operation eliminates the need for screening; the developer
  desires to better connect the site to the river trail. Any removals will need to adhere
  to tree preservation replacement guidelines.
- 2<sup>nd</sup> Street Four mature shade trees currently exist near the southeast corner of the building. The two trees nearest to the building are proposed for removal, the remaining two trees near 2<sup>nd</sup> Street would remain. Removal is necessary to accommodate the proposed parking and drop-off area.

### **Landscape Plan**

The project will include substantial landscape and park improvements aided by a \$980,000 Livable Communities Grant awarded to the City earlier this year. The developer is awaiting final determination of a similar grant for the parking facility to complete final landscape plans. The Mississippi River Trail would remain public. Park areas south of the trail would be privately owned and maintained but would be subject to an easement for public use.

# **Lighting Plan**

A photometric lighting plan will need to be finalized.

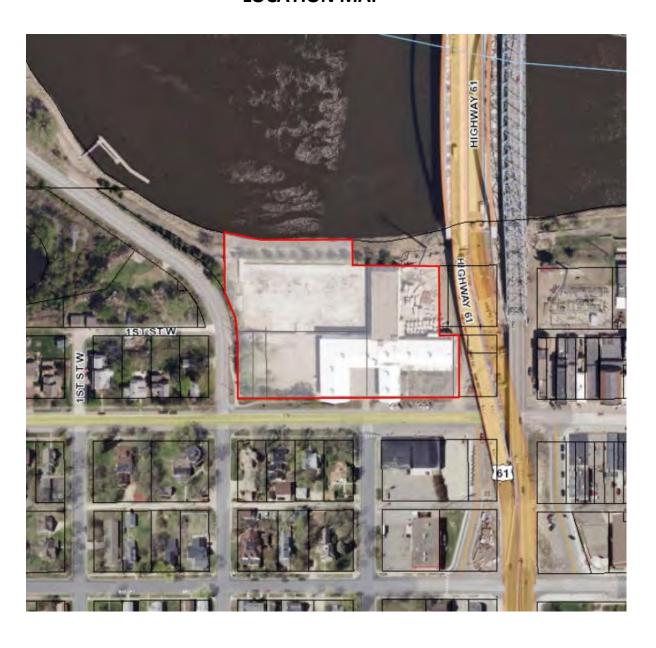
# **Grading, Drainage, Erosion Control and Utility Plan**

The Public Works Department will review the grading and utility plans.

### **ATTACHMENTS**

- Location Map
- Development Plans
- Hudson Redevelopment Timeframe

# **LOCATION MAP**

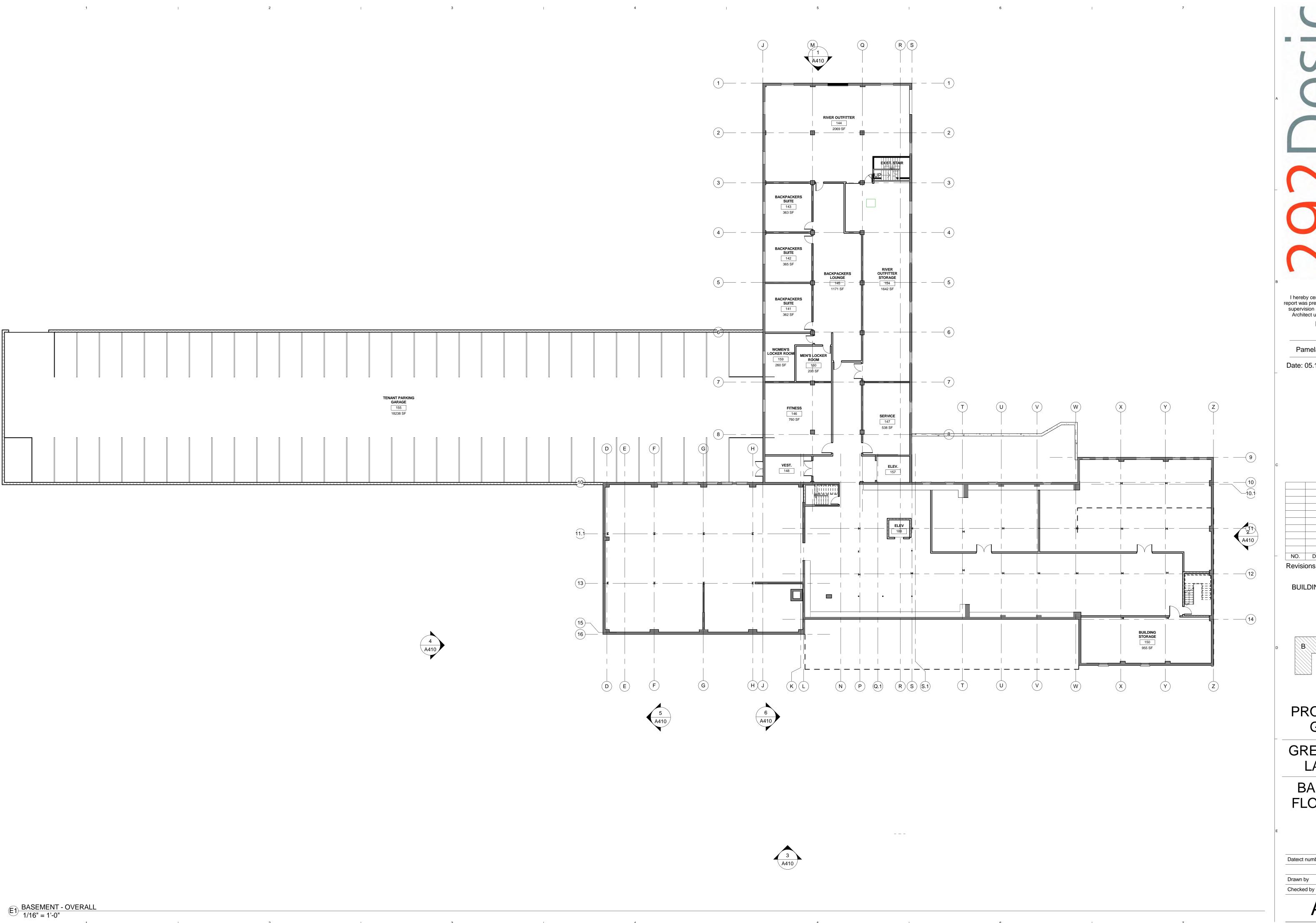


# Great River Landing - Hudson Manufacturing Historic Redevelopment Timeline

2003	Heart of Hastings Plan	City Council adoption of the Heart of Hastings Master Plan identifying reuse of the Hudson Manufacturing Building as a mixed use development	
2009	Hastings Bridge Project Planning affects operations	Reconstruction of the TH 61 Mississippi River Bridge requires acquisition of a portion of the Hudson Building. Additional space is needed to preserve operations.	
2010	Intek Building Available	Intek Manufacturing consolidates operations in Hastings. The 800 East 10 <sup>th</sup> Street building is available for sale. The building is suitable for a relocation of Hudson's operations.	
February 2010	\$250,000 Grant Award – Dakota CDA	City receives a Redevelopment Incentive Grant (RIG) for purchase of the Hudson Building	
Spring 2010	HEDRA-Hudson-Intek Negotiations	HEDRA, Hudson, and Intek discuss sale of the Intek Building to Hudson, and sale of the Hudson Building to HEDRA.	
August 2010	Completion of Phase I Environmental Site Assessment	Liesch completes Phase I analysis of environmental contaminants.	
December 2010	Hudson Purchases Intek Building	Hudson purchases the former Intek Building at 800 East 10 <sup>th</sup> Street.	
December 2010	HEDRA purchases Hudson Building	HEDRA purchases the Hudson Manufacturing building at 200 West 2 <sup>nd</sup> Street for \$3.0 million dollars.	
February - December 2011	Hudson Reuse Study	Stark Preservation Planning completes a reuse study for the building. The study included open houses and community input. Demolition of the 1974 addition is recommended with reuse of the remaining structure as a mixed use development. Cost of the study is fully paid by MN DOT	
June 2011	\$145,000 Grant Award – Dakota CDA	City receives RIG Funding for partial demolition of the 1974 addition and environmental cleanup.	
July 2011	\$50,000 Grant Award – Metropolitan Council	City receives Tax Base Revitalization Account (TBRA) funding for environmental cleanup	
July 2011	Hudson Fully Vacates Structure	Hudson Manufacture completes their move to 800 East 10 <sup>th</sup> Street. Building becomes vacant.	
August 2011	\$51,754 Grant Award – EPA – Dakota County	City received a Brownfield Assessment – Hazardous Substance Grant through Dakota County for environmental cleanup	
April 2012	\$110,125 Grant Award – Dakota CDA	City receives RIG funding for demolition of the 1974 addition and environmental cleanup	
April 2012	\$2,500 Grant Award – Dakota CDA	City receives RIG Planning funding for completion of a market study	
April 2012	Completion of Phase II Environmental Site Assessment	Stantec completes Phase II analysis of environmental contaminants.	

May	¢19 €19 Crant Award	City received a Propertied Assessment Detroloum Crant
May	\$18,618 Grant Award	City received a Brownfield Assessment – Petroleum Grant
2012	EPA – Dakota County	through Dakota County for environmental cleanup
May	Approval to Demolish	City and HEDRA approve demolition of the 48,000 s.f.
2012	1974 Addition	concrete tip-up addition consistent with the reuse plan.
September	Initial Market	Maxfield Research completes an Initial Market
2012	Assessment	Assessment for Redevelopment. Development of a mix
		of housing, retail, office and civic uses is supported. Fully
		paid through grant funding.
December	Developer Roundtable	City and HEDRA conduct a roundtable with selected
2012		developers to determine interest in redeveloping the site.
March –	Developer Concepts	HEDRA review of redevelopment concepts by The Beard
October		Group, Sherman and Associates, Artspace, and
2013		Confluence Development
March	Rezoning of Property	Property is rezoned from I-1 Industrial to DC – Downtown
2013		Core
May	\$238,865 Grant Award –	City receives RIG funding for environmental cleanup.
2013	Dakota CDA	у составляний деней в сост
May	\$4,200 Grant Award –	City receives RIG Planning funding to conduct a full
2013	Dakota CDA	market study
October	Demolition of 1974	Rachel Contracting completes demolition of the 48,000
2013	Addition	s.f. addition. The total cost of \$200,000 was fully paid
2013	Addition	through grant funding.
November	Approval of Response	MPCA approval of the RAP cleanup plan for hazardous
2013		materials based on Phase II assessment.
	Action Plan (RAP) Selection of Confluence	
December		HEDRA selects Confluence Development to redevelop the
2013	Development	Hudson site. Confluence proposes to two options for
		reuse of the building. Option 1 includes for residential,
		restaurant, banquet, art, retail space, and rooftop use of
		the 1945 addition. Option 2 includes all of option one,
		except a hotel in lieu of a portion of the housing.
January	Signature of Preliminary	HEDRA Authorizes signature of the agreement with
2014	Development Agreement	Confluence Development.
June	\$93,400 Grant Award –	City receives TBRA funding for asbestos and hazardous
2014	Metropolitan Council	material removal.
October	\$2,844 Grant Award – US	City receives EPA Environmental Investigation funding via
2014	EPA – Dakota County	Dakota County for an invasive asbestos survey.
October –	Contaminated Soil	Rachel Contracting completes contaminated soil
December	Removal	excavation and removal from Areas 1 and 3 of the RAP.
2014		Total cost of \$78,000 is fully paid through grant funding.
November	Completion of Full	Completion of Full Market Study by Maxfield and HVS.
2014	Market Study	Funded through grant dollars.
December	Hotel Concept Eliminated	Confluence Development eliminates the hotel concept
2014		from the approval. All other mixed use items remain.
December	Extension of Preliminary	HEDRA agrees to extend the Preliminary Development
2014	Development Agreement	Agreement until March 31, 2015.
December	\$256,142 Grant Award –	City receives a Contamination Cleanup Grant for soil and
2014	MN DEED	vapor remediation
2017		Tapor Terriculation

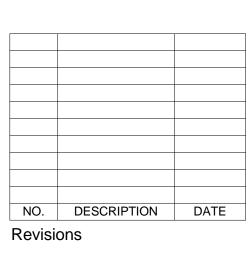
January 2015   Metropolitan Council   Account (LCDA) funding for riverfront and site amenities     January 2015   Metropolitan Council   City receives Elvable Communities Demonstration     January 2015   Metropolitan Council   material removal.     January 2015   Confluence Development   May 2015   Part 1 Historic   Preservation Application   March 2015   Development Agreement   May 2015   Preservation Application   May 2015   Development Agreement   May 2015   Preservation Application   May 2015   Development Agreement   May 2015   Preservation Application   May 2015   Development Agreement   May 2015   Preservation Agreement   May 2015   Development Agreement   May 2015   Development Agreement   May 2015   Development Agreement   Metabase   May 2015   Development Agreement   Metabase   Me				
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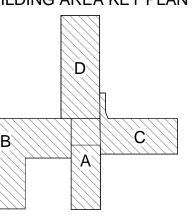
I hereby certify this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the state of MINNESOTA

Pamela Bakken Anderson

Date: 05.11.15 Reg. No: 21241



BUILDING AREA KEY PLAN



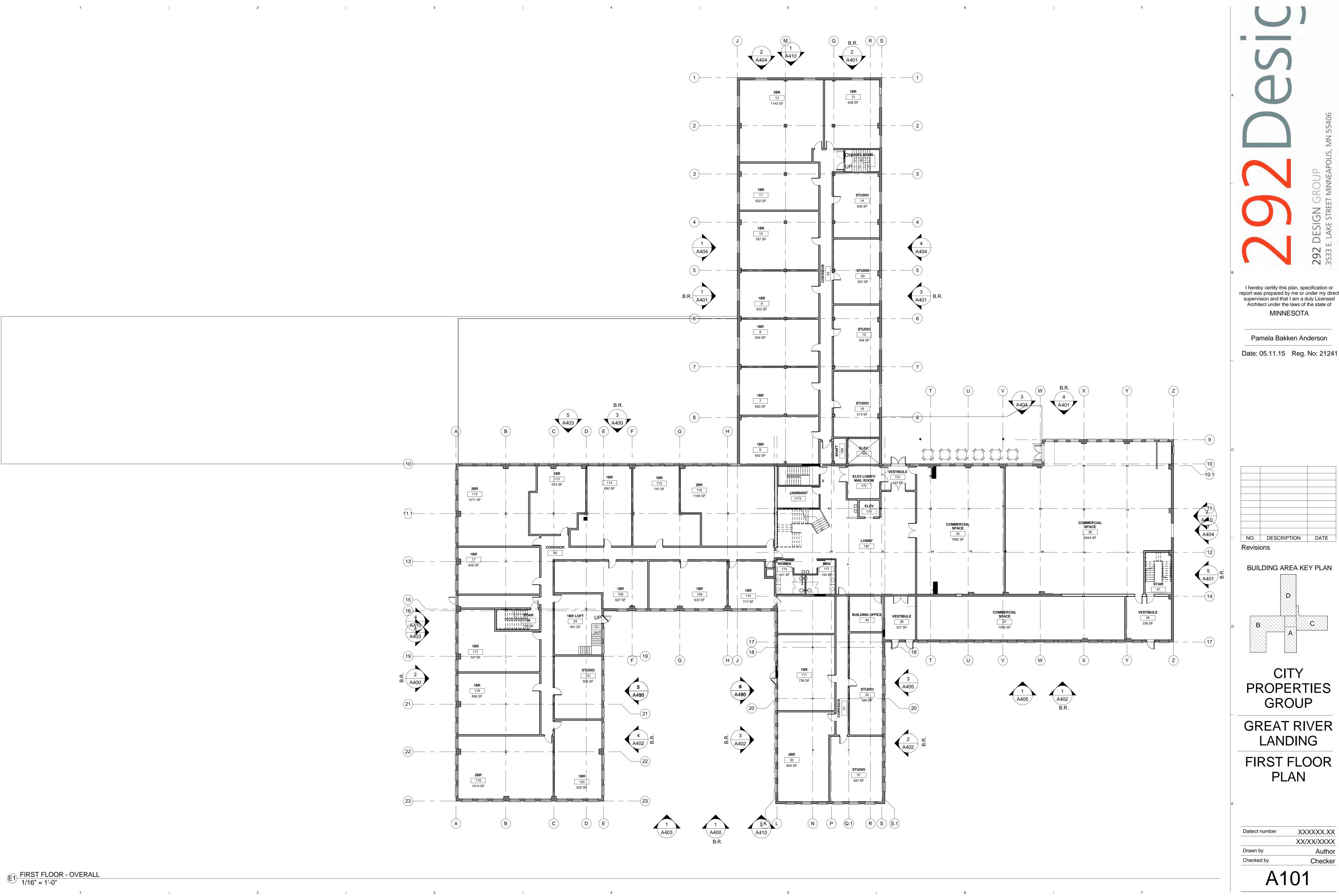
CITY **PROPERTIES** GROUP

**GREAT RIVER** LANDING

**BASEMENT** FLOOR PLAN

XXXXXXXX Date:ct number XX/XX/XXXX Author

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292 DESIGN GROUP 3533 E. LAKE STREET MINNEAPOL

I hereby certify this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the state of MINNESOTA

Pamela Bakken Anderson

NO. DESCRIPTION DATE Revisions

BUILDING AREA KEY PLAN

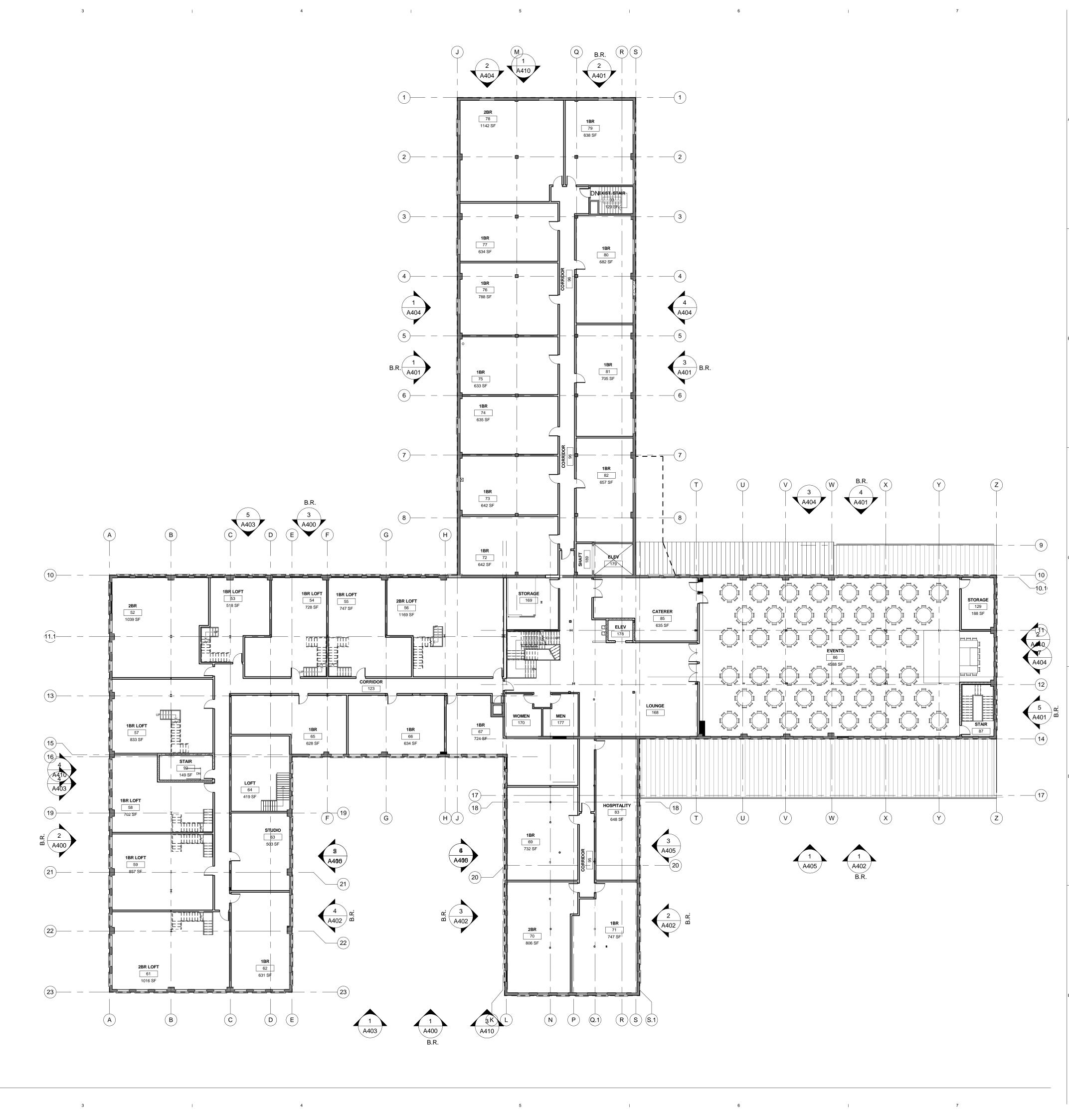
CITY PROPERTIES GROUP

**GREAT RIVER** LANDING

FIRST FLOOR PLAN

XXXXXX.XX Date:ct number XX/XX/XXXX Author Checker

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292 DESIGN GROUP 3533 E. LAKE STREET MINNEAPOL

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Pamela Bakken Anderson Date: 05.11.15 Reg. No: 21241

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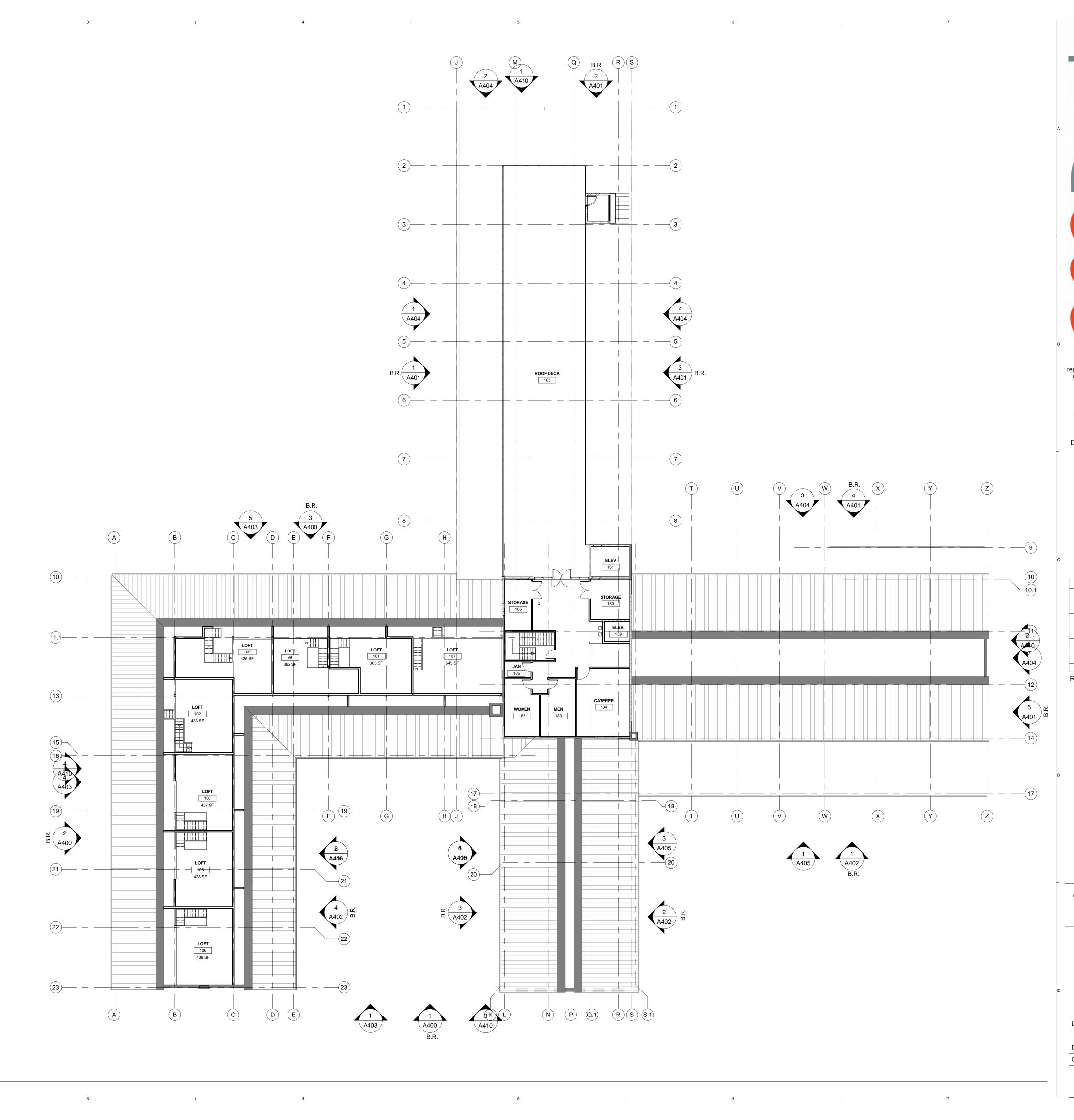
CITY PROPERTIES GROUP

**GREAT RIVER** LANDING

SECOND FLOOR PLAN

> XXXXXX.XX XX/XX/XXXX Author

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292 DESIGN GROUP

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Pamela Bakken Anderson

Date: 05.11.15 Reg. No: 21241

NO. DESCRIPTION DATE
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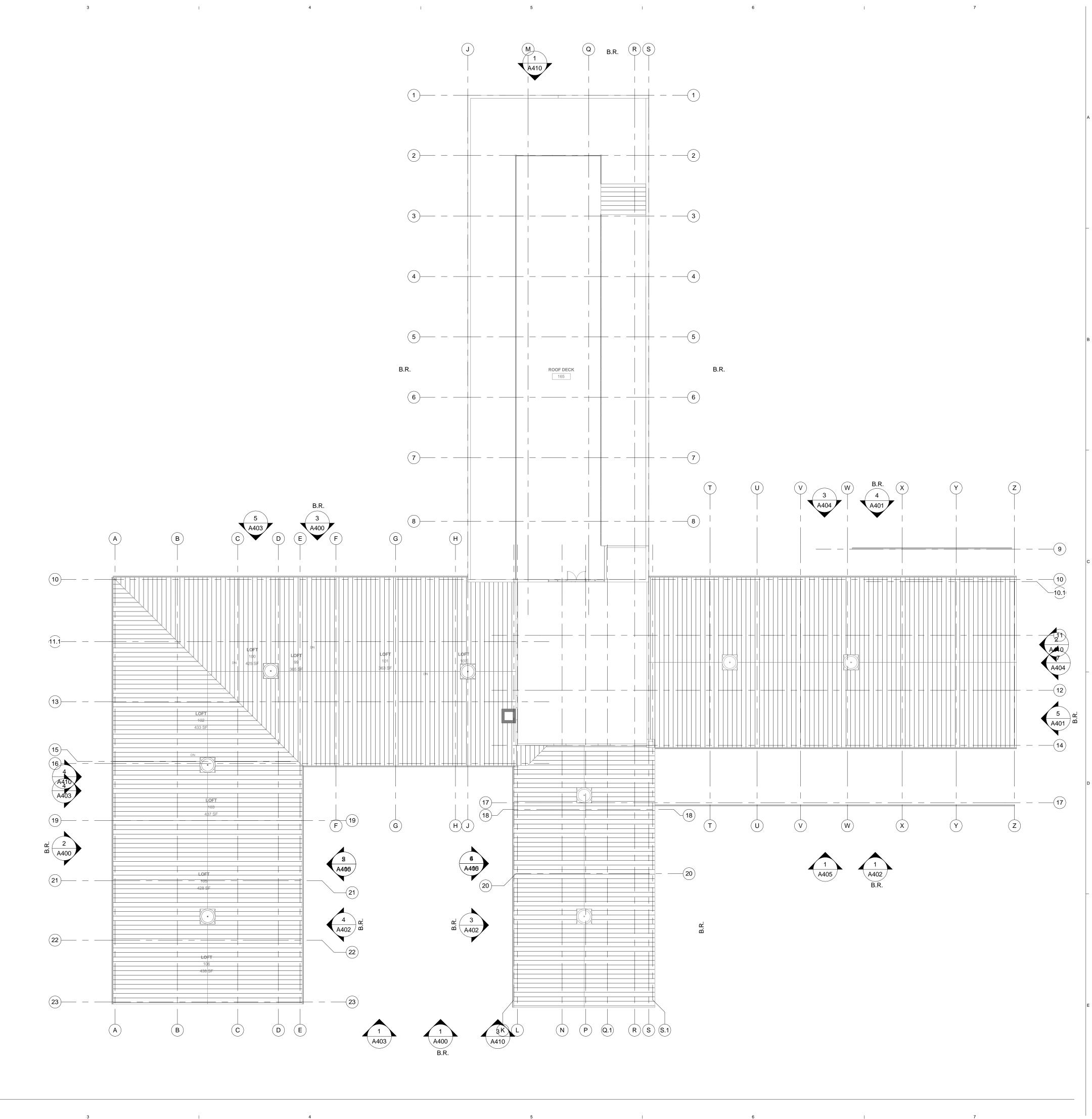
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CITY PROPERTIES GROUP

GREAT RIVER LANDING

LOFT FLOOR PLAN

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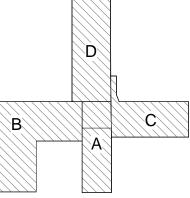
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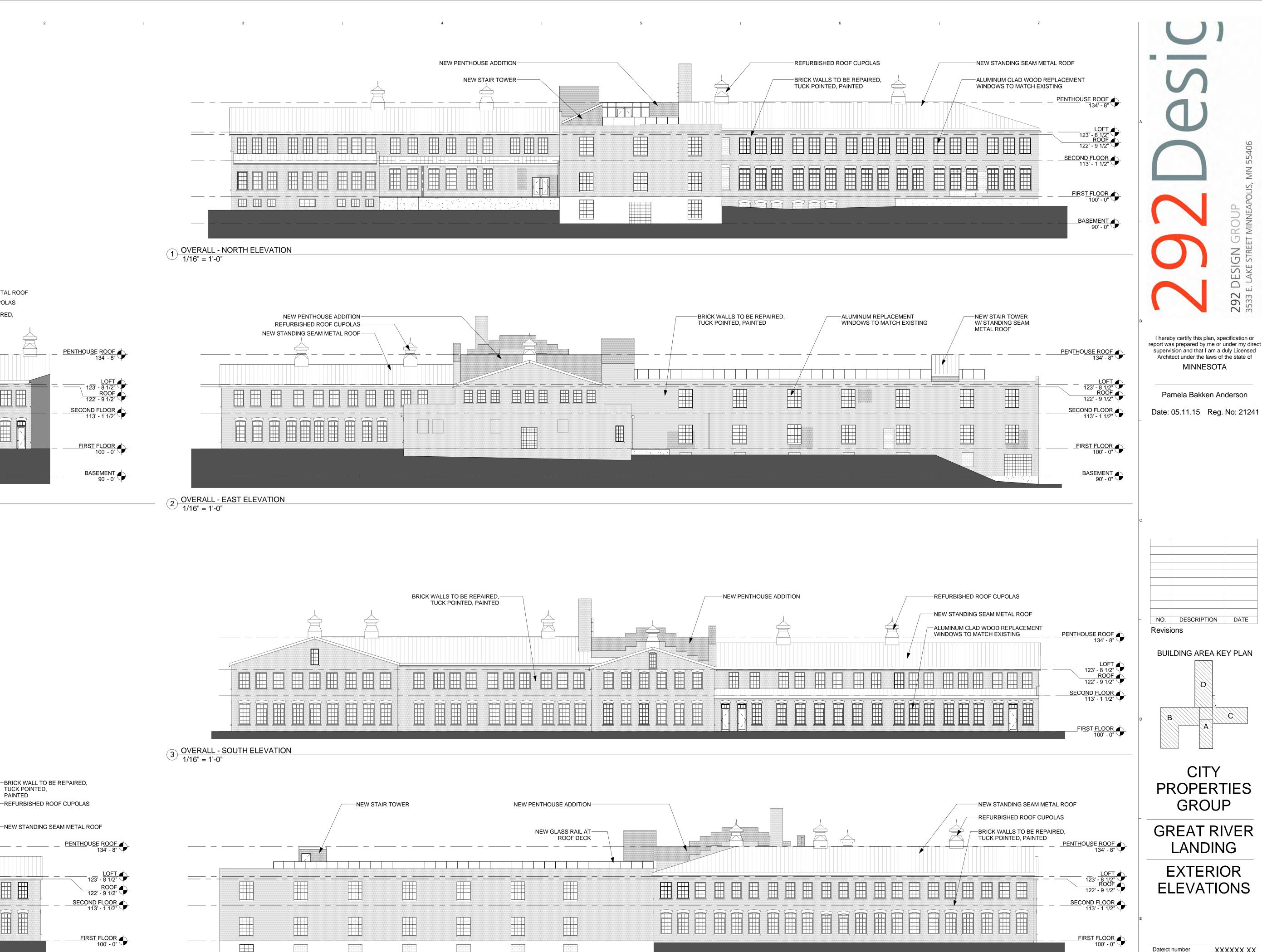
CITY PROPERTIES GROUP

**GREAT RIVER** LANDING

OVERALL PLAN -ROOF

XXXXXX.XX XX/XX/XXXX Author Checked by

Checker A104



NEW STANDING SEAM METAL ROOF -REFURBISHED ROOF CUPOLAS BRICK WALL TO BE REPAIRED,

TUCK POINTED,

-ALUMINUM CLAD WOOD REPLACEMENT WINDOWS

PAINTED

BASEMENT 90' - 0"

4 OVERALL - WEST ELEVATION
1/16" = 1'-0"

TO MATCH EXISTING

5 BLDG B - EAST ELEVATION
1/16" = 1'-0"

6 BLDG A - WEST ELEVATION
1/16" = 1'-0"

292 DESIGN GROUP 3533 E. LAKE STREET MINNEAP

C

XXXXXX.XX XX/XX/XXXX

Author

Checker

BASEMENT 90' - 0"

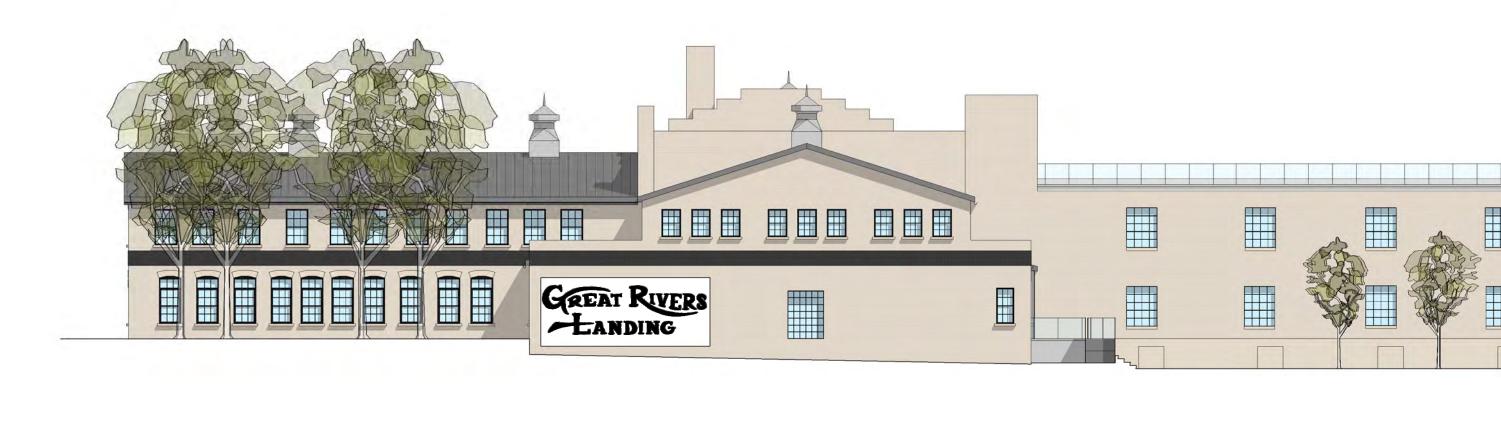
Drawn by

Checked by

A410



1) OVERALL - NORTH ELEVATION 1/16" = 1'-0"

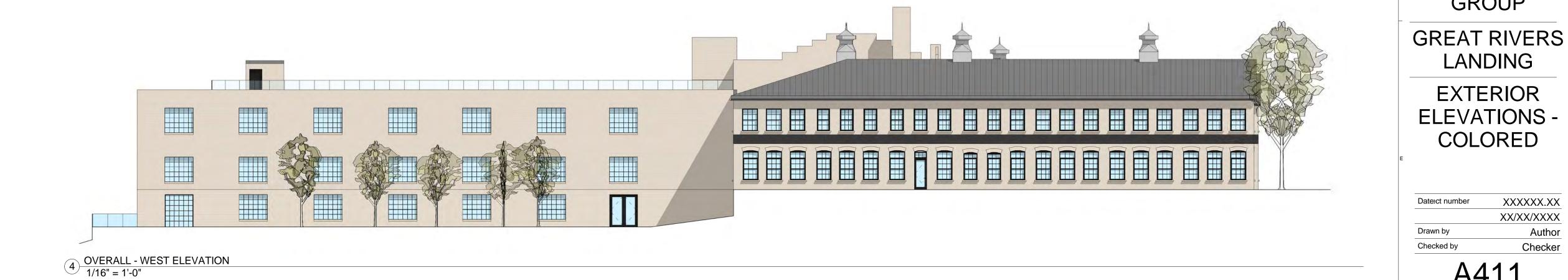


OVERALL - EAST ELEVATION

1/16" = 1'-0"



3 OVERALL - SOUTH ELEVATION 1/16" = 1'-0"





 $6 \frac{\text{BLDG A - WEST ELEVATION}}{1/16" = 1'-0"}$ 

5 BLDG B - EAST ELEVATION
1/16" = 1'-0"

XXXXXX.XX XX/XX/XXXX

Author

Checker

292 DESIGN GROUP 3533 E. LAKE STREET MINNEAPO

I hereby certify this plan, specification or report was prepared by me or under my direct

supervision and that I am a duly Licensed Architect under the laws of the state of

MINNESOTA

Pamela Bakken Anderson

Date: 05.11.15 Reg. No: 21241

NO. DESCRIPTION

BUILDING AREA KEY PLAN

CITY

**PROPERTIES** 

GROUP

LANDING

A411

Revisions

# 30 0 30 60 90 FEET

# **LEGEND**

O DENOTES SET ½ INCH BY 16 INCH IRON PIPE MONUMENT MARKED WITH A PLASTIC CAP INSCRIBED "JOHNSON LS 10938", UNLESS SHOWN OTHERWISE

GRAPHIC SCALE

DENOTES FOUND MONUMENT, SIZE AND MARKINGS AS INDICATED

# **NOTES**

1) ORIENTATION OF THIS BEARING SYSTEM IS BASED ON DAKOTA COUNTY COORDINATES.

# **LEGAL DESCRIPTION:**

Lots 1, 2, 3, 4, 5, 6, 7 and the South ninety-eight and five sixths feet of Lot 8, in Block 5; and Lots 1, 2, 3, 4, 5, 6, 7, 8 and 9, in Block 6 all in the Town now City of Hastings, Dakota County, Minnesota, together with the vacated alley lying in said Block 5 and 6 together with that part of vacated Eddy Street lying between the extensions of the North and South lines of said Block 5 and 6.

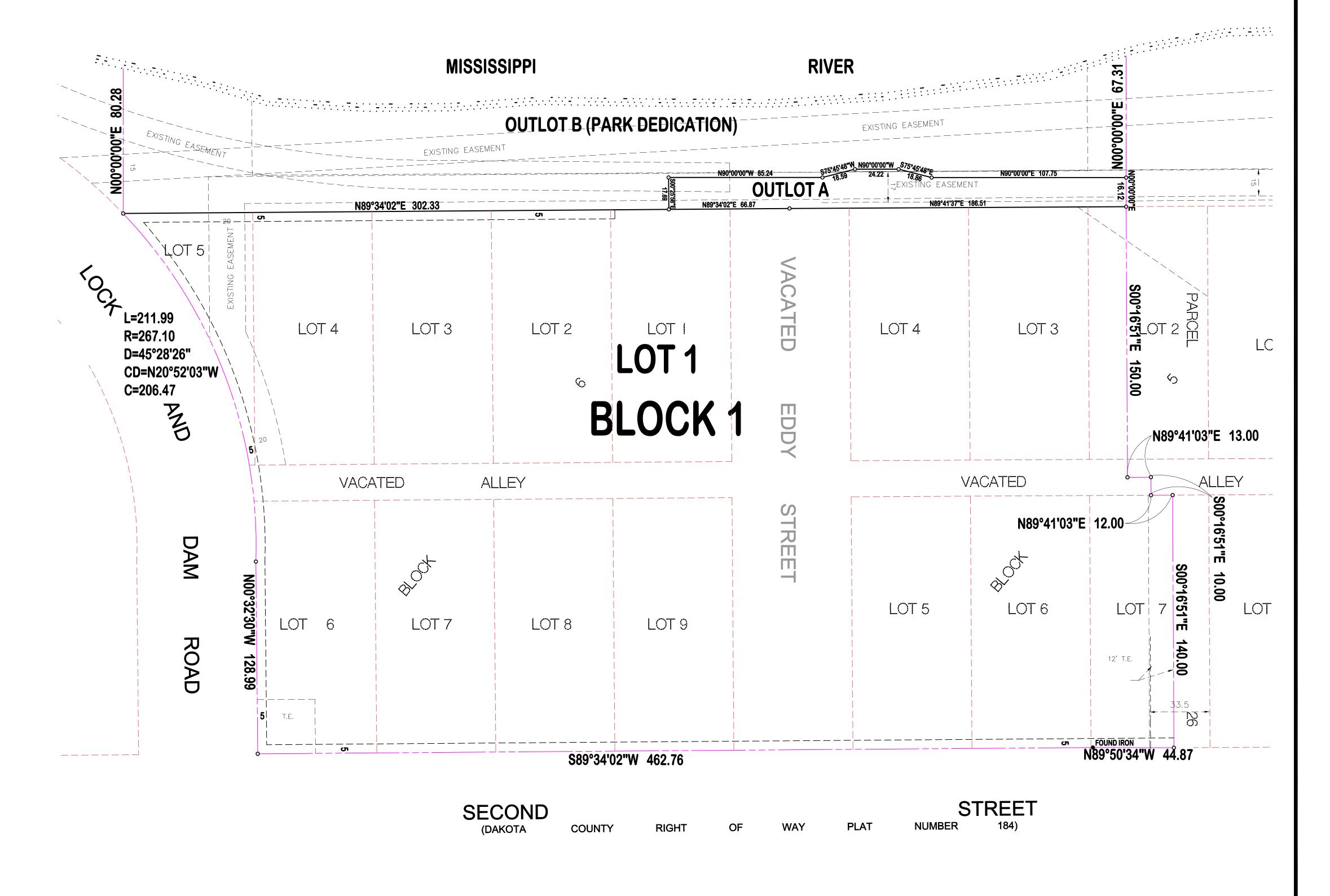
Except that part of Lots 1, 2, 3, 4, 7, 8 and the vacated alley, Block 5, and Lots 1, 2, 3, 4 and 5, Block 6, Town of Hastings, shown as Parcel 26 on Minnesota Department of Transportation Right of Way Numbered 19-145 recorded as Document No. 2684370.

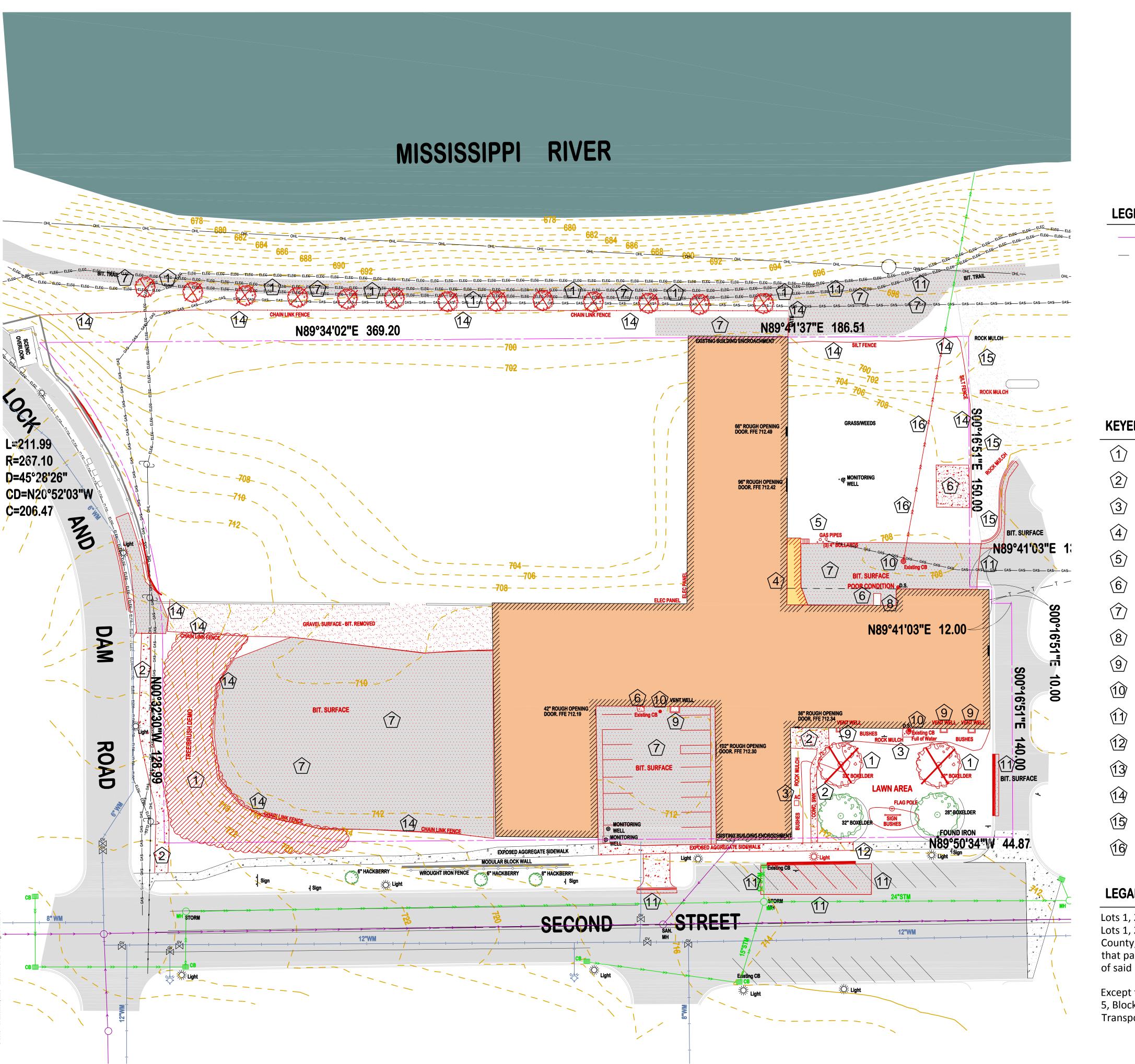
# GREAT RIVERS LANDING

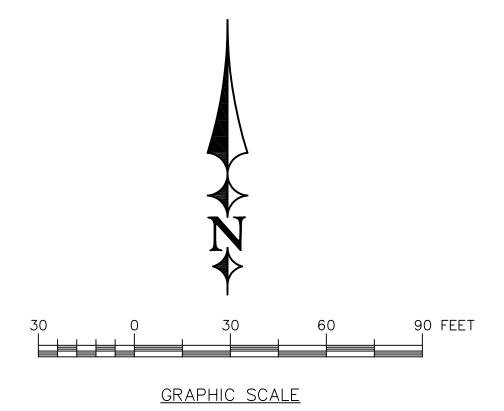


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# **KEYED NOTES:**

- (1) REMOVE EXISTING TREE(S) AND STUMP(S).
- REMOVE EXISTING CONCRETE SIDEWALK.
- REMOVE EXISTING LANDSCAPE MATERIALS, SHRUBS AND CONCRETE WELLS, CATCH BASIN AND AC UNIT.
- REMOVE EXISTING DOCK ADDITION.
- COORDINATE WITH GAS COMPANY TO RELOCATE EXISTING GAS METERS TO BUILDING FACE TO BUILDING FACE.
- 6 REMOVE EXISTING CONCRETE PAD.
- (7) REMOVE EXISTING BIT. SURFACE.
- 8 REMOVE EXISTING CONCRETE WALL(S).
- 9 REMOVE EXISTING CONCRETE VENT
- 10 REMOVE EXISTING CATCH BASIN
- (11) SAW CUT BIT. FULL DEPTH PRIOR TO REMOVAL
- (12) SAW CUT CONCRETE SIDEWALK PRIOR TO REMOVAL
- 13 PROTECT EXISTING TREES
- 14) REMOVE EXISTING FENCE
- REMOVE ROCK MULCH AS REQUIRED FOR NEW PARKING AREA
- 16 REMOVE EXISTING STORM PIPE TO NEW MANHOLE

# **LEGAL DESCRIPTION:**

Lots 1, 2, 3, 4, 5, 6, 7 and the South ninety-eight and five sixths feet of Lot 8, in Block 5; and Lots 1, 2, 3, 4, 5, 6, 7, 8 and 9, in Block 6 all in the Town now City of Hastings, Dakota County, Minnesota, together with the vacated alley lying in said Block 5 and 6 together with that part of vacated Eddy Street lying between the extensions of the North and South lines of said Block 5 and 6.

Except that part of Lots 1, 2, 3, 4, 7, 8 and the vacated alley, Block 5, and Lots 1, 2, 3, 4 and 5, Block 6, Town of Hastings, shown as Parcel 26 on Minnesota Department of Transportation Right of Way Numbered 19-145 recorded as Document No. 2684370.

ERICKSON  $\mathbf{C}_{\mathbf{IVIL}}$ 

> Hastings, MN 55033 Phone (612) 309-3804

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AGENCY REVIEW BID DOCUMENT FOR CONSTRUCTION

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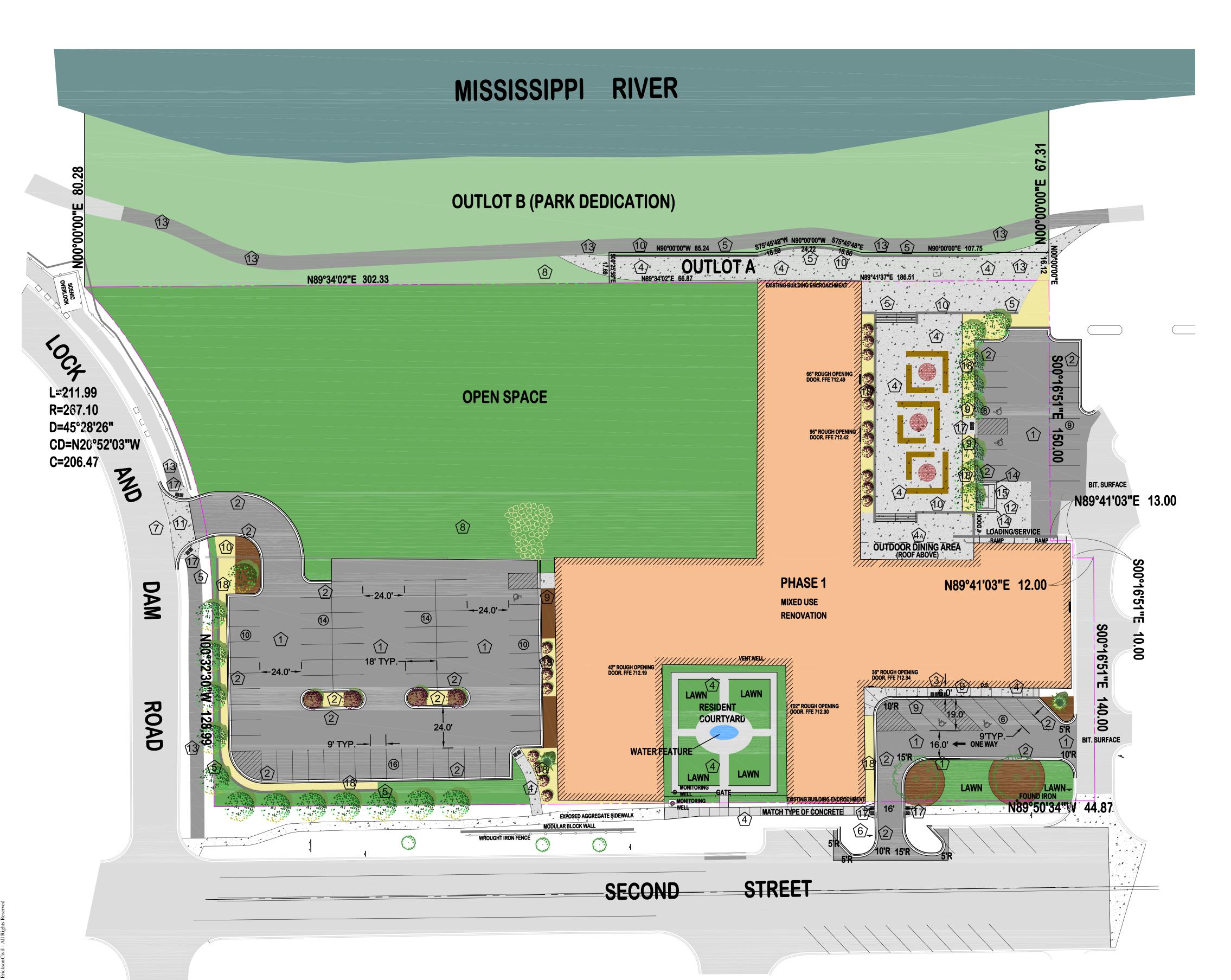
TŐDD A. ERICKSON, PE 40418

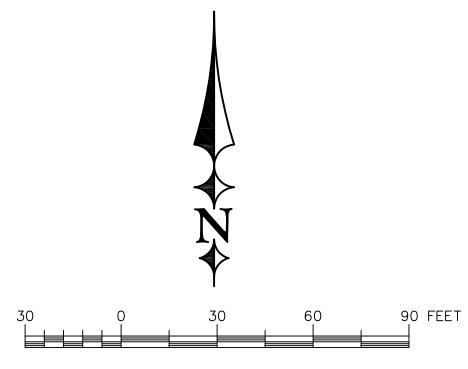
09/03/2015

JOB NO. 15-143

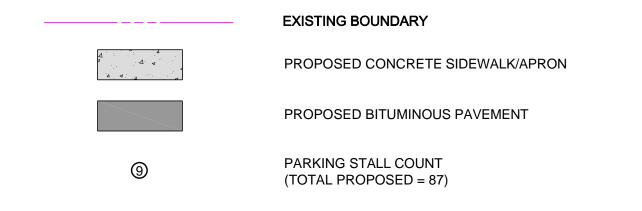
SHEET TITLE EXISTING CONDITIONS & **DEMO PLAN** 

SHEET NO.





GRAPHIC SCALE



# **KEYED NOTES:**

1) INSTALL BITUMINOUS PAVEMENT. REFER TO DETAIL 1/C5.

INSTALL B612 CONCRETE CURB. REFER TO DETAIL 2/C5.

CONSTRUCT CONCRETE ADA RAMP. REFER TO DETAIL 5/C5.

MODULAR BLOCK WALL WITH RAILING (VERSA LOK BRONCO). ANY WALL OVER 4-FT IN HEIGHT SHALL BE DESIGNED BY AN ENGINEER AND A SIGNED PLAN SET OF DRAWINGS SHALL BE PROVIDED TO THE CITY PRIOR TO START OF CONSTRUCTION.

INSTALL "STOP" TRAFFIC CONTROL SIGN.

6" MIN. TOPSOIL AND HYDRO SEEDED WITH LOW GROW FESCUE @ 220 LBS. PER ACRE, W/20 LBS. PER ACRE ANNUAL RYE.

INSTALL HANDICAP SIGNAGE. SEE DETAIL 1/C2.

INSTALL FENCING AT RETAINING WALL PER ARCHITECT DETAIL

11) INSTALL CONCRETE APRON SECTION, SEE DETAIL 10/C5

INSTALL CONCRETE TRUCK DOCK APRON USE SECTION FOUND IN DETAIL 10/C5

INSTALL BIT. TRAIL SECTION SEE DETAIL 11/C5

INSTALL CONCRETE FILLED 6" STEEL BOLLARD (4-FT BELOW GRADE AND 3.5-FT ABOVE GRADE) CAP WITH STANDARD YELLOW COVER FROM IDEAL SHIELD.

INSTALL TRASH ENCLOSURE W/GATE AND CONCRETE PAD PER DETAIL 10/C5.

RIP RAP STORM WATER DISSIPATER

CONSTRUCT ACCESSIBLE RAMP LANDING, 2 % MAX SLOPE EITHER DIRECTION, W/ (2) NEENAH UNPAINTED TRUNCATED DOME PLATES

2"-4" LIMESTONE ROCK MULCH OVER GEOTEXTITLE FABRIC TYPE IV, NON WOVEN.

# **LAYOUT NOTES:**

1) ALL RADII TO FACE OF CURB

2) ALL DIMENSIONS TO THE FACE OF CURB UNLESS NOTED OTHERWISE

3) PAVEMENT STRIPING TO BE 4" WIDE WHITE EPOXY PAINTED STRIPE.

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ENGINEER UNDER THE LAWS OF

AS-BUILT DOCUMENT

TODD A. ERICKSON, PE 40418

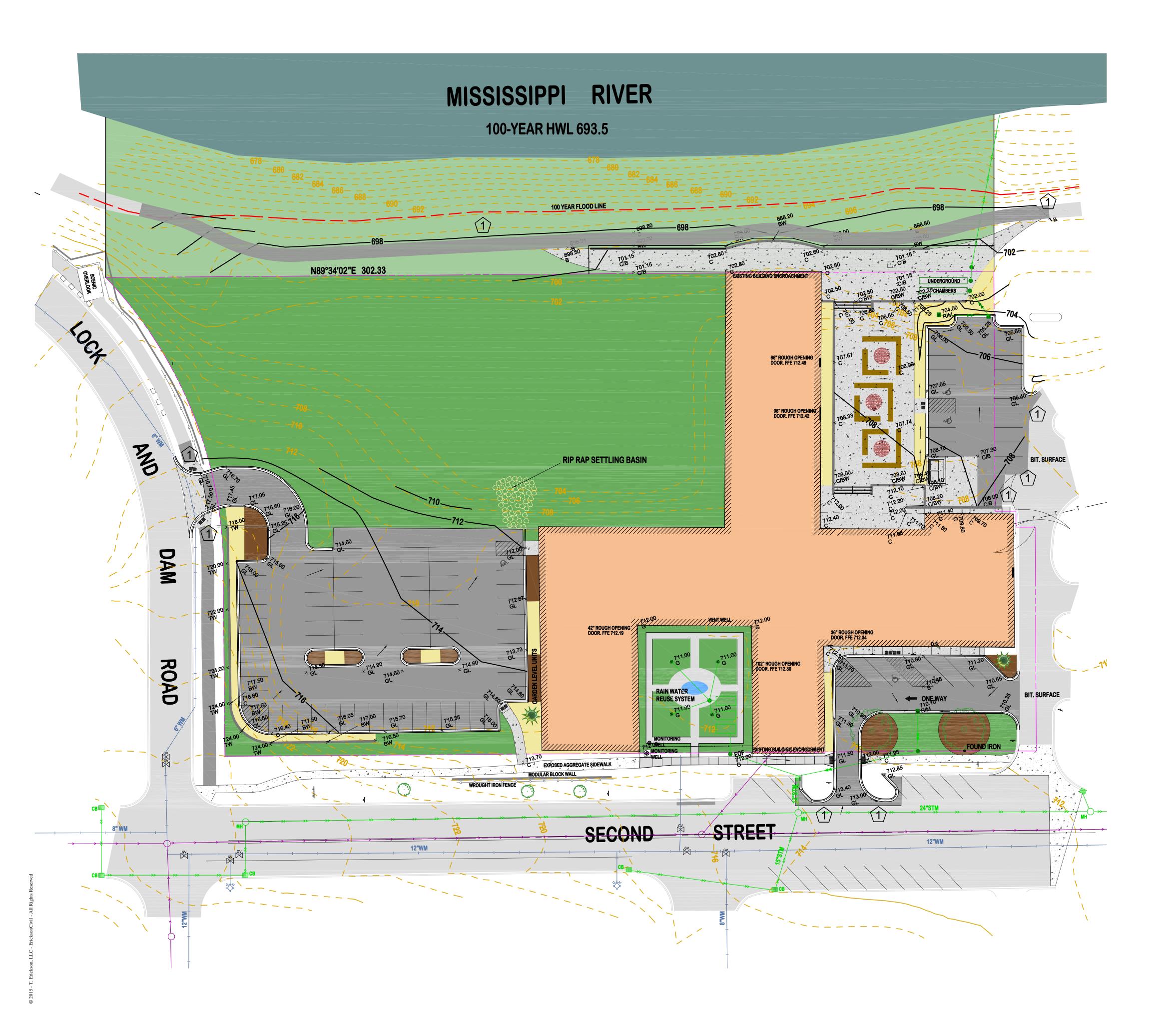
LICENSE NO. 09/03/2015

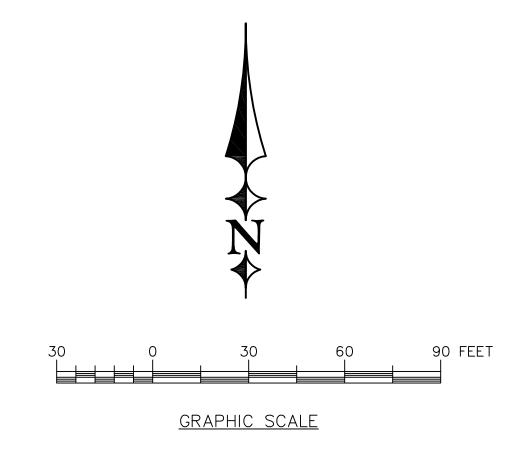
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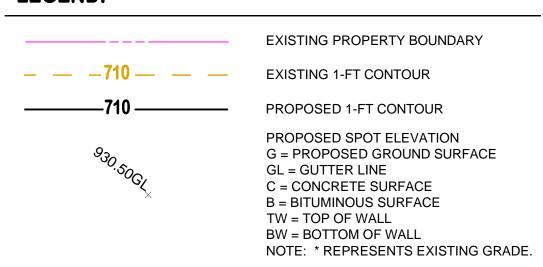
SHEET TITLE

LAYOUT PLAN

SHEET NO.







# **KEYED NOTES:**

MATCH EXISTING BITUMINOUS PAVEMENT ELEVATIONS.

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AGENCY REVIEW

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40418 LICENSE NO. 09/03/2015

09/03/2015

DATE:

CONFLUENCE, LLC
East 10th Street. Suite 300
Hastings, MN 55033

GREAT RIVERS LANDING HASTINGS, MINNESOTA

REVISION DESCRIPTION DATE

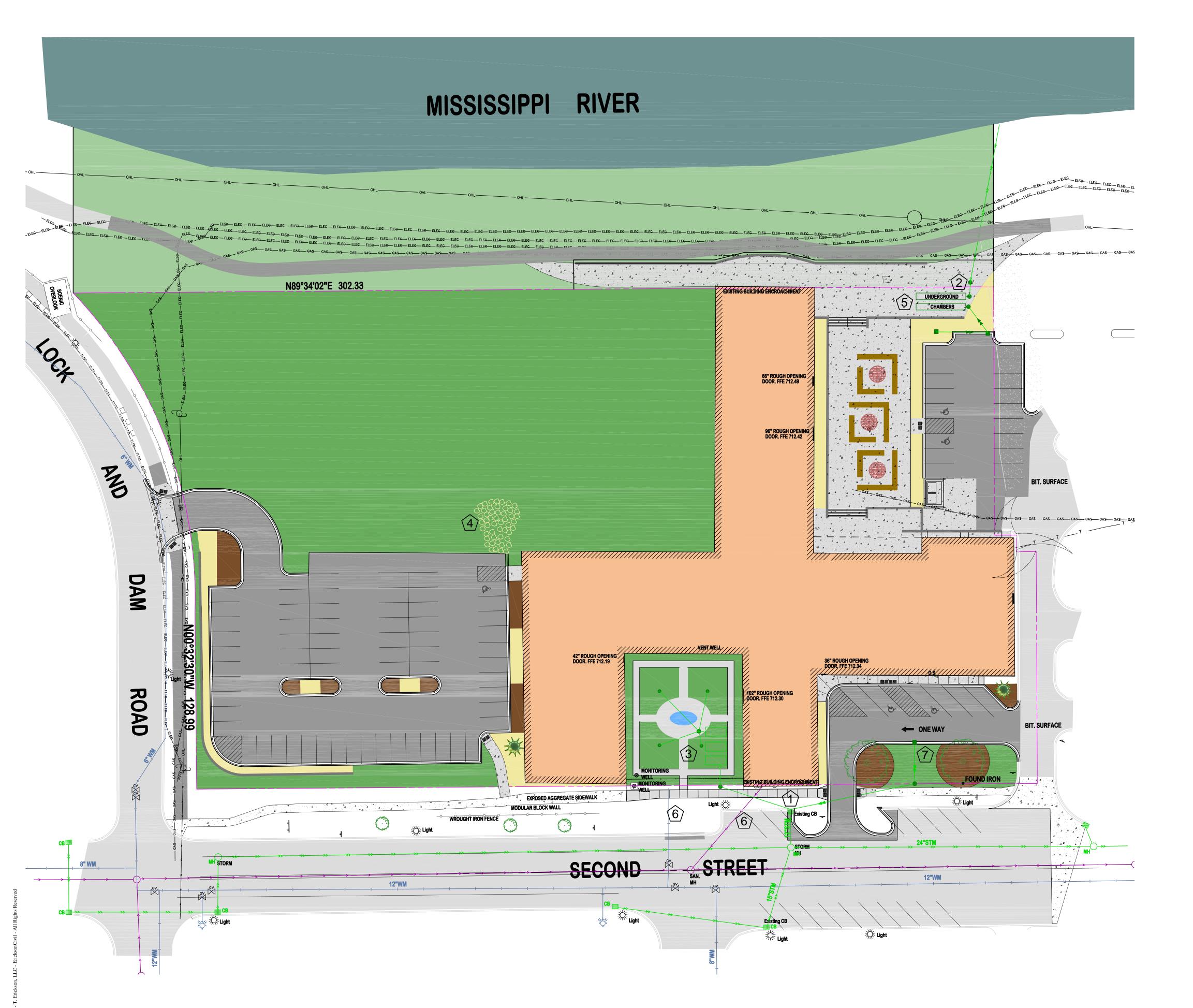
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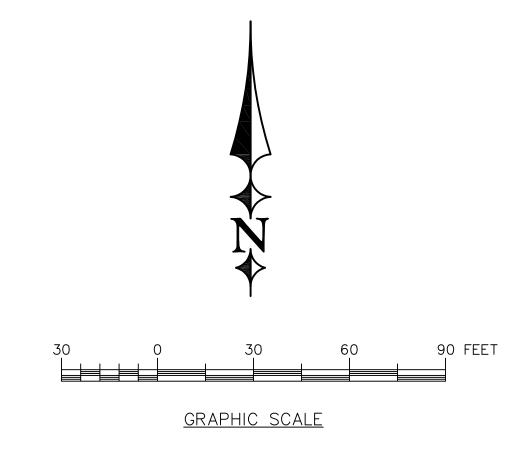
SHEET TITLE

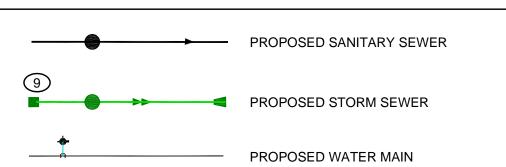
GRADING PLAN

SHEET NO.

C3







# **KEYED NOTES:**

- (1) CONNECT TO EXISTING CATCH BASIN
- CONSTRUCT MANHOLE STRUCTURE OVER EXISTING STORM LINE. LOCATION SHALL BE VERIFIED.
- RAIN WATER REUSE TANKS AND WATER FEATURE FOR CIRCULATION OF STORED WATER. TO BE UTILIZED FOR IRRIGATION OF PROPERTY.
- STORM WATER TO SHEET FLOW OFF OF PARKING AREA TO RIP RAP SWALE AND RIP RAP SETTLING POND.
- (5) CONSTRUCT STORM WATER UNDERGROUND DETENTION SYSTEM.
- 6) EXISTING WATER AND SANITARY SEWER TO REMAIN
- CONSTRUCTION NEW CATCH BASIN AND PIPING SYSTEM FROM LOWPOINT TO EXISTING CATCH BASIN.

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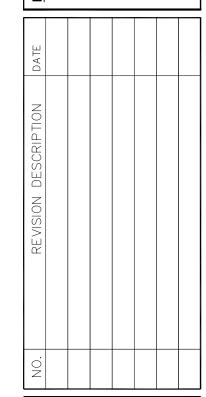
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DULY LICENSED PROFESSIONAL
ENGINEER UNDER THE LAWS OF
THE STATE OF MININGSOTA

TODD A. ERICKSON, PE 40418

09/03/2015

SONFLUENCE, LLC East 10th Street. Suite 300 Hastings, MN 55033

GREAT RIVERS LANDING HASTINGS, MINNESOTA



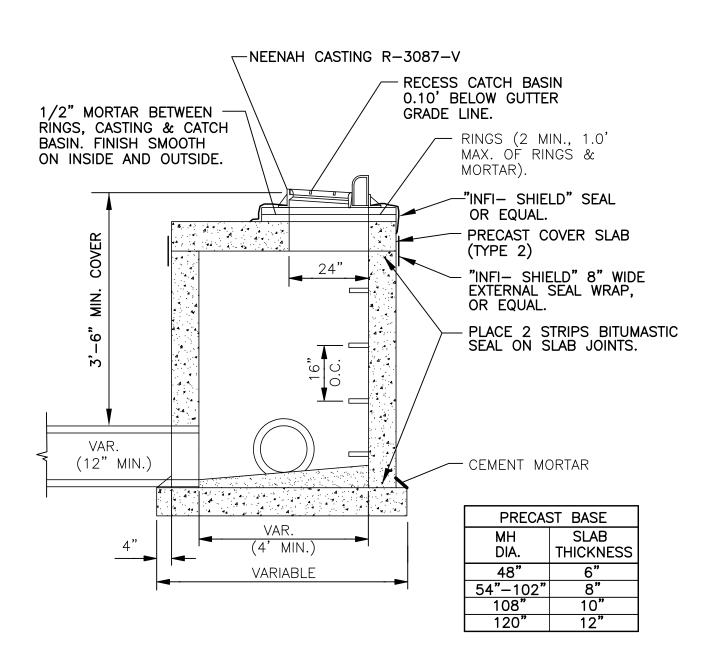
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SHEET TITLE

UTILITY PLAN

SHEET NO.

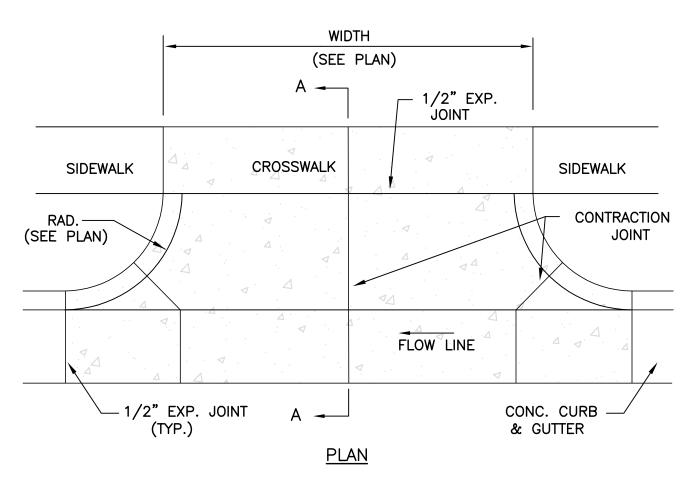
SHEET 4 OF 6

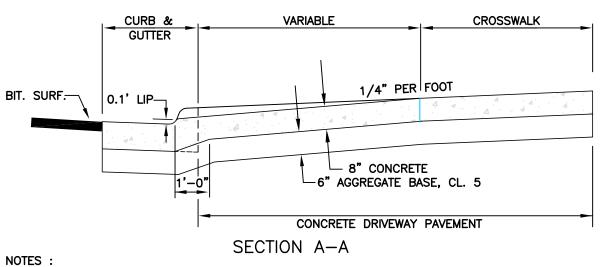


NO WOOD SHALL BE USED FOR ADJUSTING CASTING; CEMENT MORTAR ONLY. CAST IRON FRAME & GRATE CASTINGS PER SPECIFICATIONS. MANHOLE STEPS SHALL BE CAST IRON, ALUMINUM OR STEEL REINFORCED PLASTIC PER ASTM C478. LOCATION SHALL BE AS NOTED IN THE SPECIFICATIONS. PRECAST REINFORCED CONCRETE BASE SLAB & COVER SLAB PER ASTM C478, PRECAST REINFORCED CONCRETE MANHOLE SECTIONS PER ASTM C478, OR 8" CONCRETE MANHOLE BLOCK WITH 1/2" MORTARED EXTERIOR. FURNISH PRECAST CONCRETE MANHOLE SECTIONS WITH O-RING GASKETS & LUBRICANT EXCEPT AS OTHERWISE SPECIFIED. FILL OPENING BETWEEN PIPE AND MANHOLE WALL WITH CEMENT MORTAR.



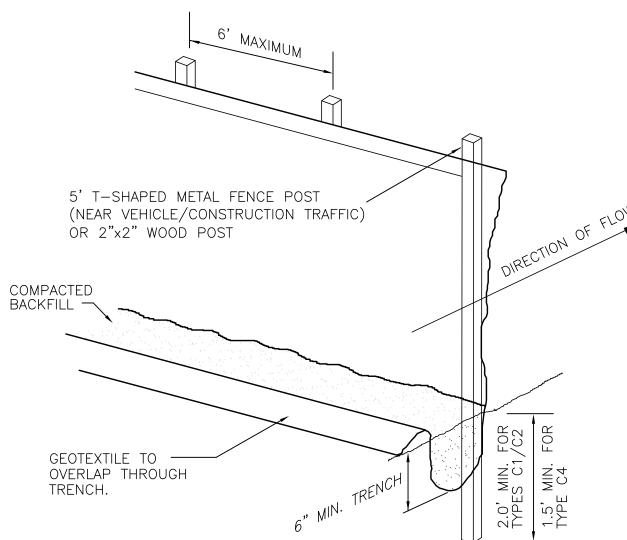
INSIDE SURFACE SHALL BE FINISHED SMOOTH.





1. PANEL WIDTH SHALL NOT EXCEED 10' WITHOUT CONTRACTION JOINT. 2. WHERE SIDEWALK EXISTS OR IS PROPOSED, CROSSWALK SHALL BE SAME THICKNESS AS DRIVEWAY. 3. CONCRETE SHALL BE 4000 PSI MIN., WITH FIBER MESH





NOTE: -SILT FENCE INSTALLATION SHALL CONFORM TO MNDOT2573.3, TYPE C1/C2 NEAR VEHICLE/CONSTRUCTION TRAFFIC, TYPE C4 AT ALL OTHER LOCATIONS. -MATERIALS SHALL CONFORM TO MNDOT 3886.

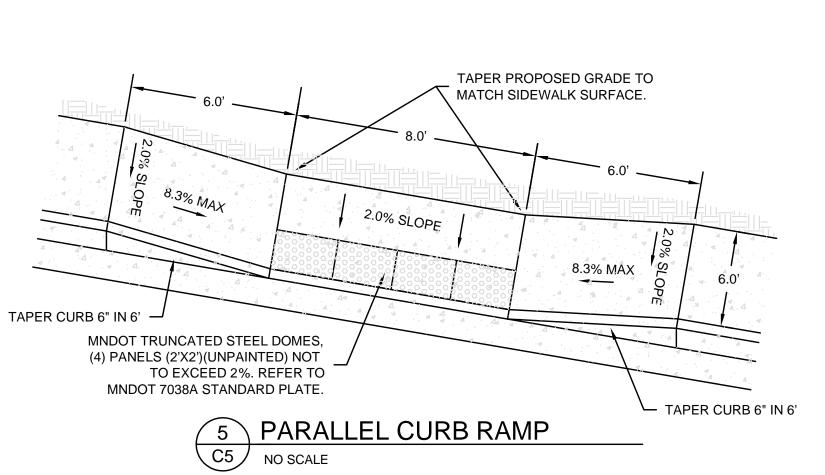


O.D.

1/2 O.D.

EARTH FOUNDATION

(EXCEPT SANITARY SEWER)

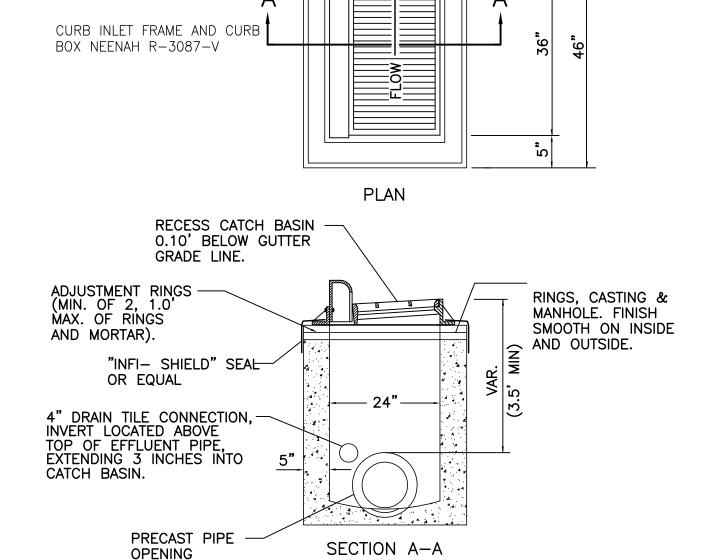


C5 NO SCALE

PIPE FOUNDATION DETAILS

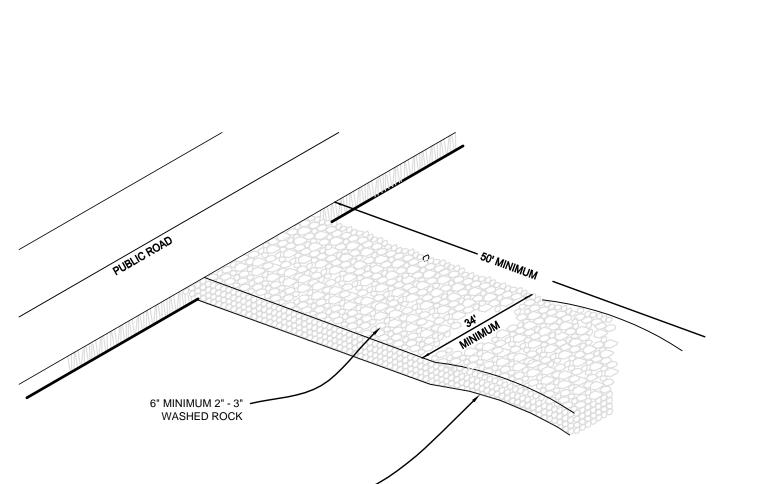
COMPACTED

BACKFILL



PRECAST REINFORCED CONCRETE CATCH BASIN & BASE SLAB PER ASTM C478

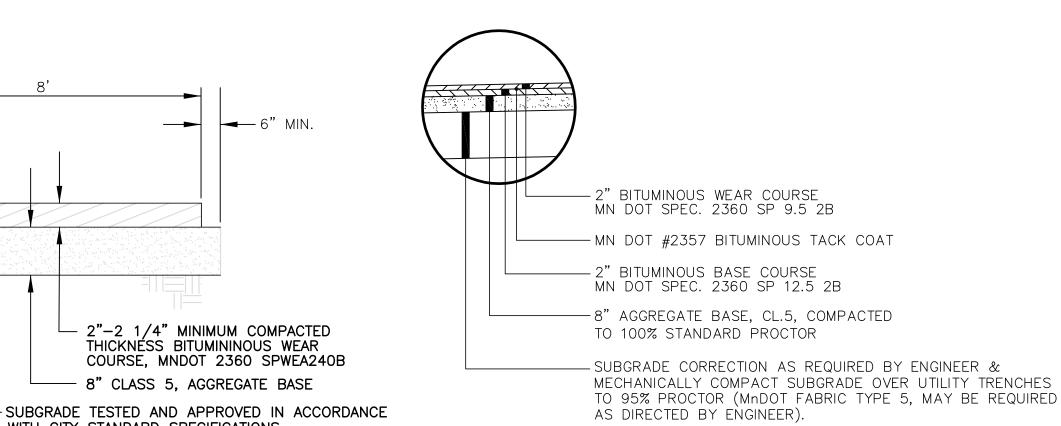




**ROCK CONSTRUCTION ENTRANCE** C5 NO SCALE

PLACE ROCK OVER GEOTEXTILE

FABRIC TYPE IV.



BITUMINOUS PAVING SECTION C5 / NO SCALE



1. PROVIDE 2% CROSS-SLOPE TO MAINTAIN POSITIVE DRAINAGE AWAY FROM

TRAIL SURFACE THROUGHOUT LENGTH OF TRAIL.

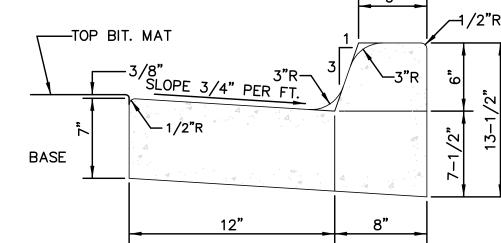
2"-2 1/4" MINIMUM COMPACTED

COURSE, MNDOT 2360 SPWEA240B

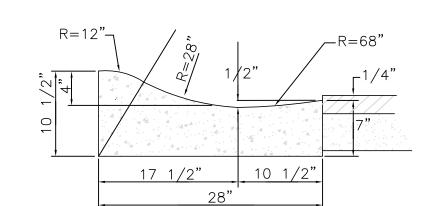
THICKNÉSS BITUMININOUS WEAR

- 8" CLASS 5, AGGREGATE BASE

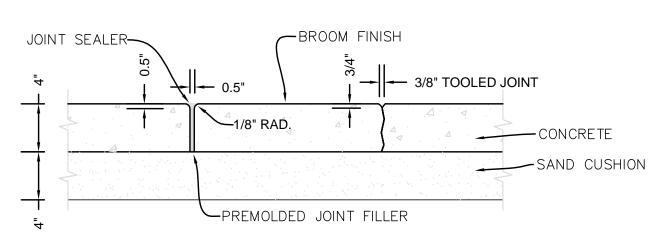
WITH CITY STANDARD SPECIFICATIONS



2 B612 CURB & GUTTER C5 NO SCALE



SURMOUNTABLE CURB & GUTTER C5NO SCALE



NOTES:

TOOLED JOINTS: 1) JOINT SPACING SHALL MATCH WALK WIDTH UNLESS SHOWN OTHERWISE ON PLANS.

EXPANSION JOINTS:

1) WHERE WALK BUTTS ANY FIXED OBJECT SUCH AS

WALLS, CURBS, MANHOLES, ETC. 2) 45' ON CENTER MAXIMUM OR AS SHOWN ON

PLANS. 3) JOINT SEALER SHALL MEET ASTM D-412, GRAY, SELF LEVELING, EPOXY, AS WITH "QUICKJOINT 300" OR EQUAL.

CONCRETE SIDEWALK DETAIL C5 NO SCALE

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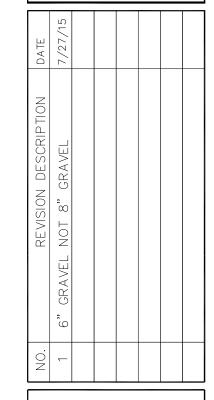
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TODD A. ERICKSON, PE 40418

LICENSE NO. 06/03/2015 DATE:

CONFLUENCE, LLC
I East 10th Street. Suite 3
Hastings, MN 55033

ANDING GREAT RIVERS I HASTINGS, MINI



JOB NO. 15-143

SHEET TITLE

**DETAILS** 

SHEET NO.



# PLANT PALATE

. –					
	Plant Name	Latin Name	Size	Туре	
Α	Autumn Blaze Maple	Acer x freemanii "Jeffersred"	2-1/2" DIA.	B&B	
В	Prairie Fire Crab Apple	Malus sp. 'Prairiefire'	2-1/2" DIA.	В&В	
С	Snowdance Japenese Lilac	Syringa reticulata 'Snowdance'	2-1/2" DIA.	B&B	
D	Royal Red Norway Maple	Acer platanoides "Royal Red"	2-1/2" DIA.	B&B	
Ε	Fat Albert Blue Spruce	Picea pungens 'Fat Albert'	2-1/2" DIA.	B&B	
F	River Birch Clump	Betula nigra 'Heritage' 'Clump'	10-FT	B&B	
G	Diablo Nine Bark	Physocarpus opulifolius 'Monlo.' "Diablo"	#5	Container	
Н	Spirea Tor Birchleaf	Spiraea betulifolia 'Tor'	#2	Container	
J	Purple Emperor Sedum	Sedum 'Purple Emperor'	#1	Container	
Κ	Strawberry Candy Daylily	Hemerocallis 'Strawberry Candy'	#1	Container	
L	Karl Foerster Reed Grass	Calamagrostis x acutiflora 'Karl Foerster'	#1	Container	
М	Cardinal Doawood	Cornus sericea 'Cardinal'	#5	Container	

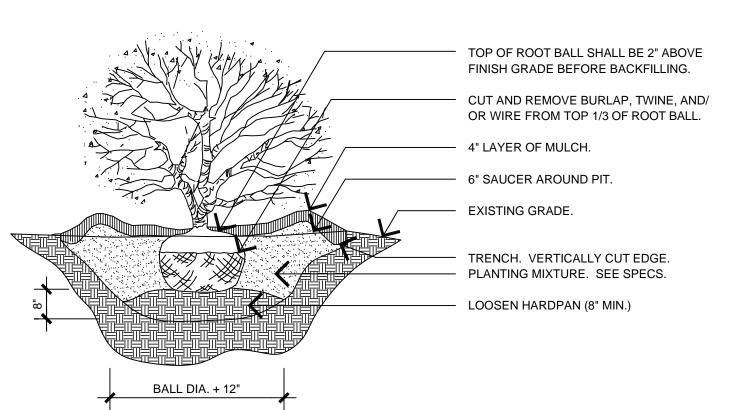




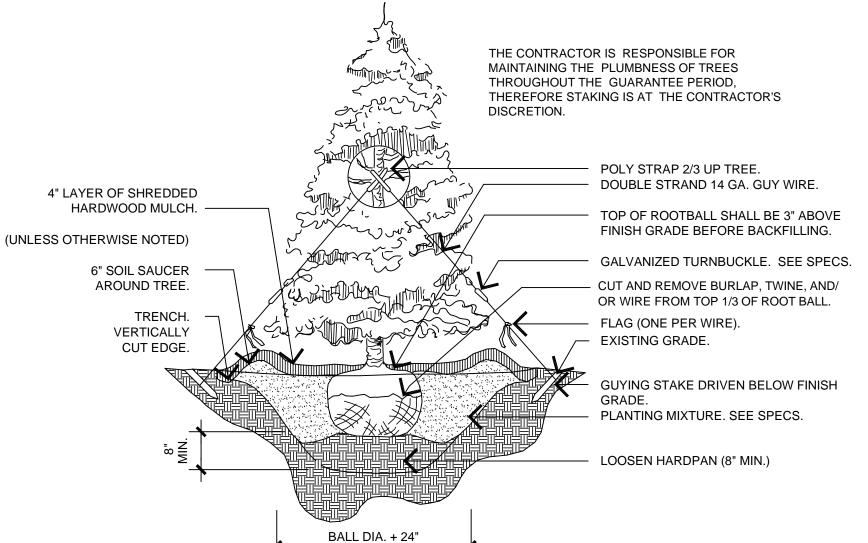




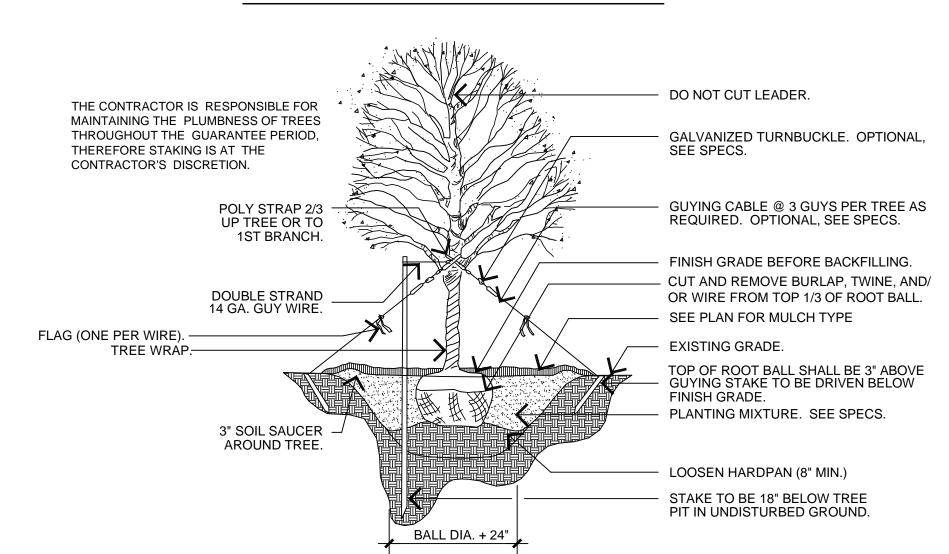




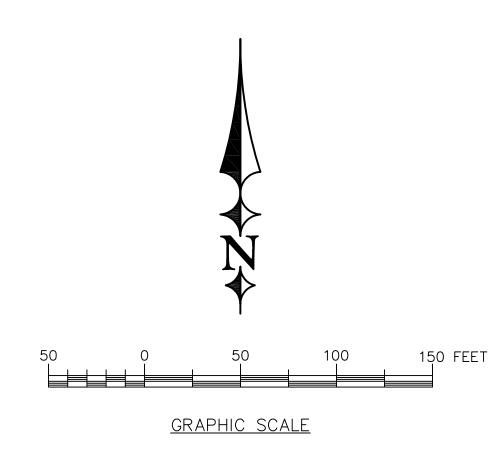
# SHRUB PLANTING



# CONIFEROUS TREE PLANTING



DECIDUOUS TREE PLANTING



# LEGEND:

**EXTERIOR PROPERTY BOUNDARY** 

DENOTES PROPOSED DECIDUOUS TREE

DENOTES PROPOSED ORNAMENTAL TREE

DENOTES PROPOSED CONIFEROUS TREE

DENOTES PROPOSED #5 SHRUB (5 TO 6-FT MATURITY SIZE)

DENOTES PROPOSED #5 CONIFEROUS SHRUB (2 TO 3-FT MATURITY SIZE)

**DENOTES PROPOSED #1 PERENNIAL** 



9

# **KEYED NOTES:**

6" COARSE SHREADED HARDWOOD MULCH (NO FABRIC)

6" OF TOPSOIL AND HYDROSEED 220 LBS./ACRE LOW GROW FESCUE WITH 20 LBS./ACRE ANNUAL RYE, WITH TACKIFIER AND FERTILIZER.

HEAVY DUTY BROWN METAL EDGING.

4" OF 2"-4" LIMESTONE ROCK OVER MNDOT TYPE IV GEOTEXTILE, NON-WOVEN

APPLY A DEEP ROOT FERTILIZER TO EXISTING BOX ELDER(S) TO REMAIN.

# *NOTES:*

- 1) ALL PLANTING BEDS SHALL RECIEVE MIN. 6" TOPSOIL, HEAVY LANDSCAPE FABRIC AND BROWN METAL EDGING WHERE MULCH
- 2) ALL LAWN AREAS SHALL RECEIVE A MINIMUM OF 6" OF TOPSOIL
- 3) ENTIRE SITE SHALL BE IRRIGATED. DESIGN/BUILD BY CONTRACTOR.
- 4) SEE PLAN FOR AREAS OF SEED AND BLANKET AREAS. AREAS CALLED OUT FOR SEEDING SHALL RECEIVE LOW GROW FESCUE MIX FROM TWIN CITY SEED COMPANY AND BE SEEDED AT A RATE OF 220 LBS. PER ACRE, W/ 20LBS/ACRE ANNUAL RYE.
- BUILDING CONTRACTOR SHALL INCLUDE COST OF ELECTRICAL AND PLUMBING FOR INSTALLATION OF IRRIGATION SYSTEM. IRRIGATION CONTROL BOX SHALL BE BY LANDSCAPE CONTRACTOR.
- MAINTENANCE STRIP AND OTHER AREAS IDENTIFIED FOR MULCH SHALL BE 4" MINUS WASHED LIMESTONE PLACED AT A MIN. DEPTH OF 4" OVER GEOTEXTILE FABRIC TYPE IV. PERENNIAL AND ANNUAL PLANTING AREAS SHALL RECEIVE 6" OF COARSE SHREDDED HARDWOOD MULCH WITH NO FABRIC.

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09/03/2015

LANDING NESOTA

JOB NO. 15-143

SHEET TITLE LANDSCAPE PLAN

SHEET NO.

SHEET 1 OF 1

	Plant Name	Latin Name	Size	Туре
Α	Autumn Blaze Maple	Acer x freemanii "Jeffersred"	2-1/2" DIA.	B&B
В	Prairie Fire Crab Apple	Malus sp. 'Prairiefire'	2-1/2" DIA.	B&B
С	Snowdance Japenese Lilac	Syringa reticulata 'Snowdance'	2-1/2" DIA.	B&B
D	Royal Red Norway Maple	Acer platanoides "Royal Red"	2-1/2" DIA.	B&B
Ε	Fat Albert Blue Spruce	Picea pungens 'Fat Albert'	2-1/2" DIA.	B&B
F	River Birch Clump	Betula nigra 'Heritage' 'Clump'	10-FT	B&B
G	Diablo Nine Bark	Physocarpus opulifolius 'Monlo.' "Diablo"	#5	Container
H	Spirea Tor Birchleaf	Spiraea betulifolia 'Tor'	#2	Container
J	Purple Emperor Sedum	Sedum 'Purple Emperor'	#1	Container
K	Strawberry Candy Daylily	Hemerocallis 'Strawberry Candy'	#1	Container
L	Karl Foerster Reed Grass	Calamagrostis x acutiflora 'Karl Foerster'	#1	Container
М	Cardinal Dogwood	Cornus sericea 'Cardinal'	#5	Container

Strawberry Candy Daylily



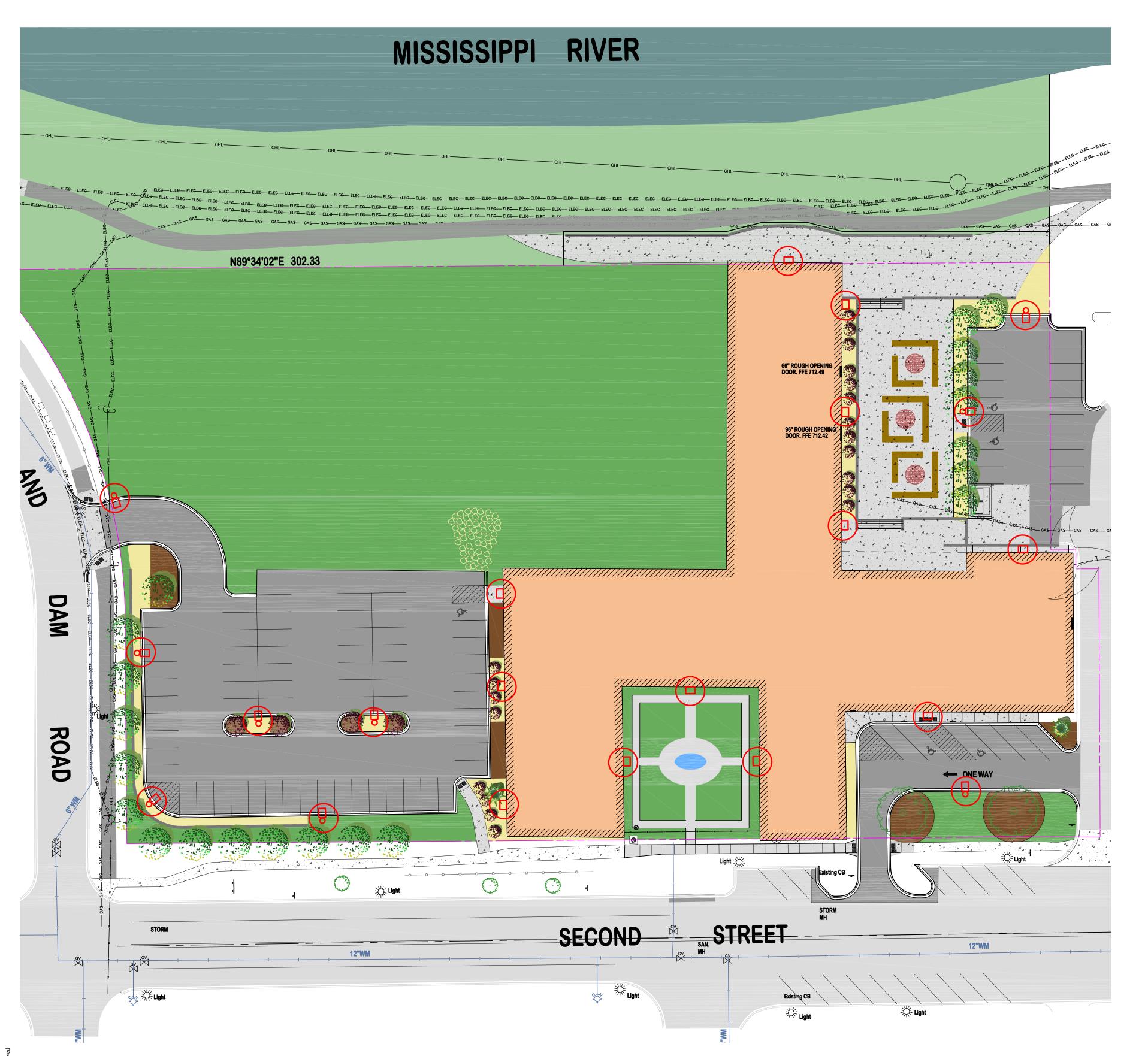


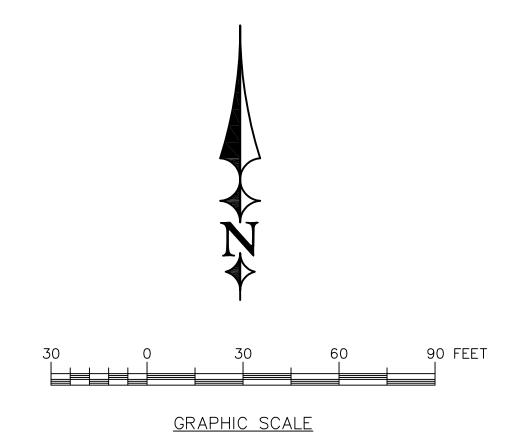
Spirea Tor Birchleaf





Purple Emperor Stonecrop



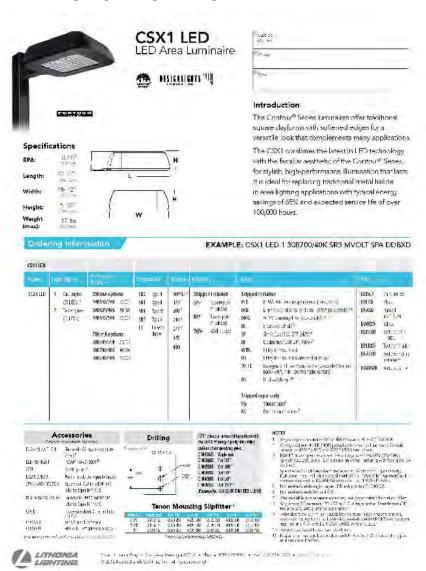


# PROPOSED BOUNDARY SINGLE - 20-FT POLE MOUNTED - LED - FULL CUT OFF - SR3 TWO ENGINE SINGLE - 14-FT BUILDING MOUNTED - LED - FULL CUT OFF - CSXW SR4 <sup>+</sup>4.3 CALCULATED LUMEN

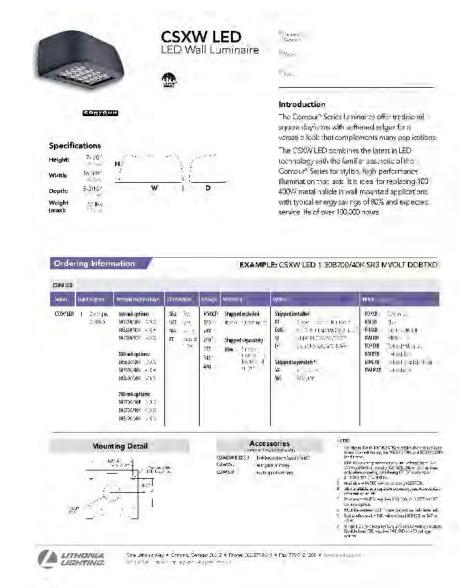
# NOTES:

- 1) FINAL DESIGN OF ELECTRICAL SYSTEM BY LICENSED ELECTRICAL CONTRACTOR
- 2) WIRING LOCATION AND SIZING TO BE DETERMINED BY INSTALLING ELECTRICIAN
- 3) INSTALLATION SHALL INCLUDE CONNECTION TO EXISTING POWER PANEL ON INTERIOR OF BUILDING
- 4) INSTALLATION SHALL INCLUDE THE INSTALLATION OF A TIMER AND LIGHT SENSOR

# PARKING LOT LIGHTING



# **BUILDING MOUNTED LIGHTING**



ERICKSON  $\mathbf{C}_{\mathbf{IVIL}}$ 

333 North Main Street, Suite 201 Hastings, MN 55033 Phone (612) 309-3804

www.ericksoncivilsite.com

DRAWING PHASE: OWNER REVIEW AGENCY REVIEW BID DOCUMENT

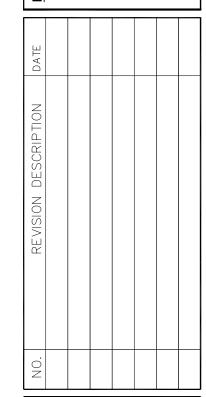
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL

FOR CONSTRUCTION AS-BUILT DOCUMENT

TODD A. ERICKSON, PE 40418

LICENSE NO. 09/03/2015

COO S, MINI COVENTRY COMPANIES, INC.



JOB NO. 15-143

SHEET TITLE

LIGHTING PLAN

SHEET NO.

SHEET 1 OF 1



GREAT RIVER LANDING HASTINGS, MINNESOTA

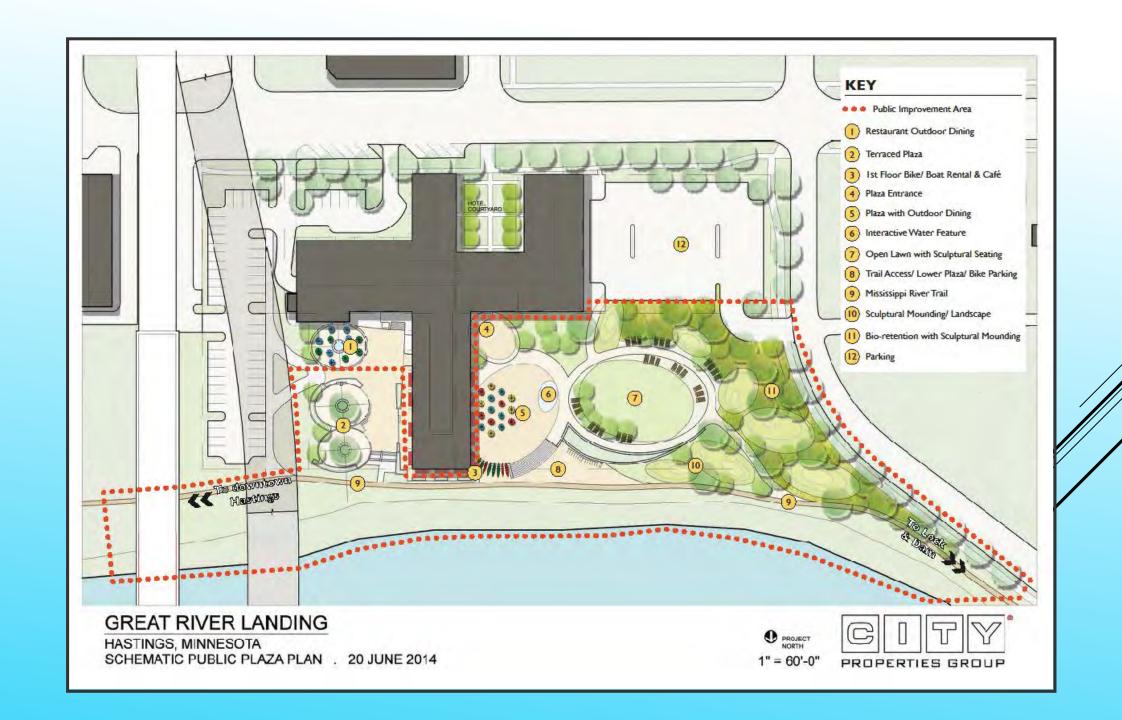
















Bioswale / Rain Gardens
The loowing allows for native collection and entityation of aim whose, even during major sain events. A
nationalized planning softenee of native percentals that
can withstand periods of saturated soils and drought
will be solected.



Roof Runoff
Water will be sollected from the roof and piped to an underground discern that is connected to an impation system. Once the cisten is full, excess roof water will be discreted in the bloowafe.



Irrigation / Cistern
The cistem could be sized to capture a one such rain event over the root area, approximately 7,300 gallons of water! The water will be stored below the ground smill such time as the singation system is used for maintain the lambscaping during time of drought.



Road Runoff
Approximately 14,000 SF of stormwater runoff from
Second Street and Lock and Dam Road can be directed into tree wells and biopsiales. During a ene-inch
hall event, potential capture could be 7,850 gallors.



Cistern
The cistern will receive noof water and be utilized for engation of the lawn and other landscaped areas.



Parking Lot Runoff
Water will sheet flow toward the besowale / san gardees and allow for absorption of 13,000 gallons of vafer during a one-inch rain event. Permetable paiving
will be expices should the capacity of the sain gardens be maximized.



Lawn Infiltration

The oval lawn will accommodate a under range of uses transger from picnics to festivals. The tame will be enjoyeneed for good drawings and optimal fact growth, allowing for summer long events to take place.



Sculptural Berming
The park consists of eligical forms, including berming
throughout the rain quarkers. Children of at ages can
clients onto the betters to get a closer look at the peterrual platnings within the bostwales or lay back and
watch the clouds go by.

GREAT RIVER LANDING HASTINGS, MINNESOTA GREEN INFRASTRUCTURE INITIATIVES 20 OCTOBER 2014

Not To Scale PROPERTIES GROUP



### Bioswale / Rain Gardens

The bioswale allows for natural collection and infiltration of rain water, even during major rain events. A naturalized planting scheme of native perennials that can withstand periods of saturated soils and drought will be selected.



### Roof Runoff

Water will be collected from the roof and piped to an underground cistern that is connected to an irrigation system. Once the cistern is full, excess roof water will be diverted to the bioswale.



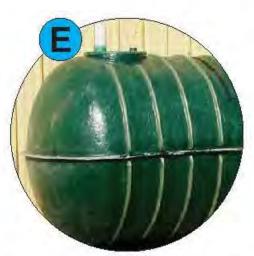
### Irrigation / Cistern

The cistern could be sized to capture a one inch rain event over the roof area, approximately 7,300 gallons of water! The water will be stored below the ground until such time as the irrigation system is used to maintain the landscaping during time of drought.



### Road Runoff

Approximately 14,000 SF of stormwater runoff from Second Street and Lock and Dam Road can be diverted into tree wells and bioswales. During a one-inch rain event, potential capture could be 7,850 gallons.



# Cistern

The cistern will receive roof water and be utilized for irrigation of the lawn and other landscaped areas.



# Parking Lot Runoff

Water will sheet flow toward the bioswale / rain gardens and allow for absorption of 13,000 gallons of water during a one inch rain event. Permeable paving will be explores should the capacity of the rain gardens be maximized.



### Lawn Infiltration

The oval lawn will accommodate a wide range of uses ranging from picnics to festivals. The lawn will be engineered for good drainage and optimal turf growth, allowing for summer long events to take place.



# Sculptural Berming

The park consists of elliptical forms, including berming throughout the rain gardens. Children of all ages can climb onto the berms to get a closer look at the perennial plantings within the bioswales or lay back and watch the clouds go by.