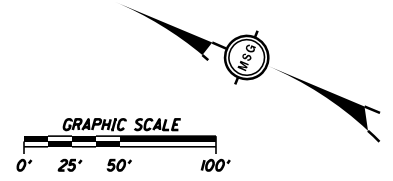


**KEY PLAN**

NO.	DATE	BY	DESCRIPTION
▲	11/9/2012	LLH	SITE PLAN SUBMITTAL
▲			
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SIGNATURE: \_\_\_\_\_  
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**NOTE**  
REFLECTED GRADES ARE APPROXIMATE AND MAY FLUCTUATE 1/2 FOOT BASED UPON ENVIRONMENTAL CONDITIONS ENCOUNTERED

MATCH LINE - SHEET 28

MATCH LINE - SHEET 28

MATCH LINE - SHEET 32

MATCH LINE - SHEET 32

CBR #10042

MATCH LINE - SHEET 34

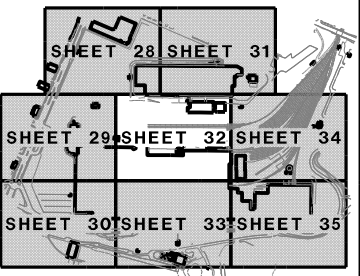


12/3/2012

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PROJECT  
TWIN CITIES ASSEMBLY PLANT  
SAINT PAUL, MINNESOTA

PHASE 3  
GRADING AND  
DRAINAGE PLAN



**KEY PLAN**

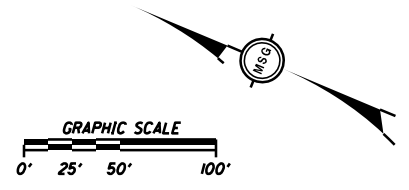
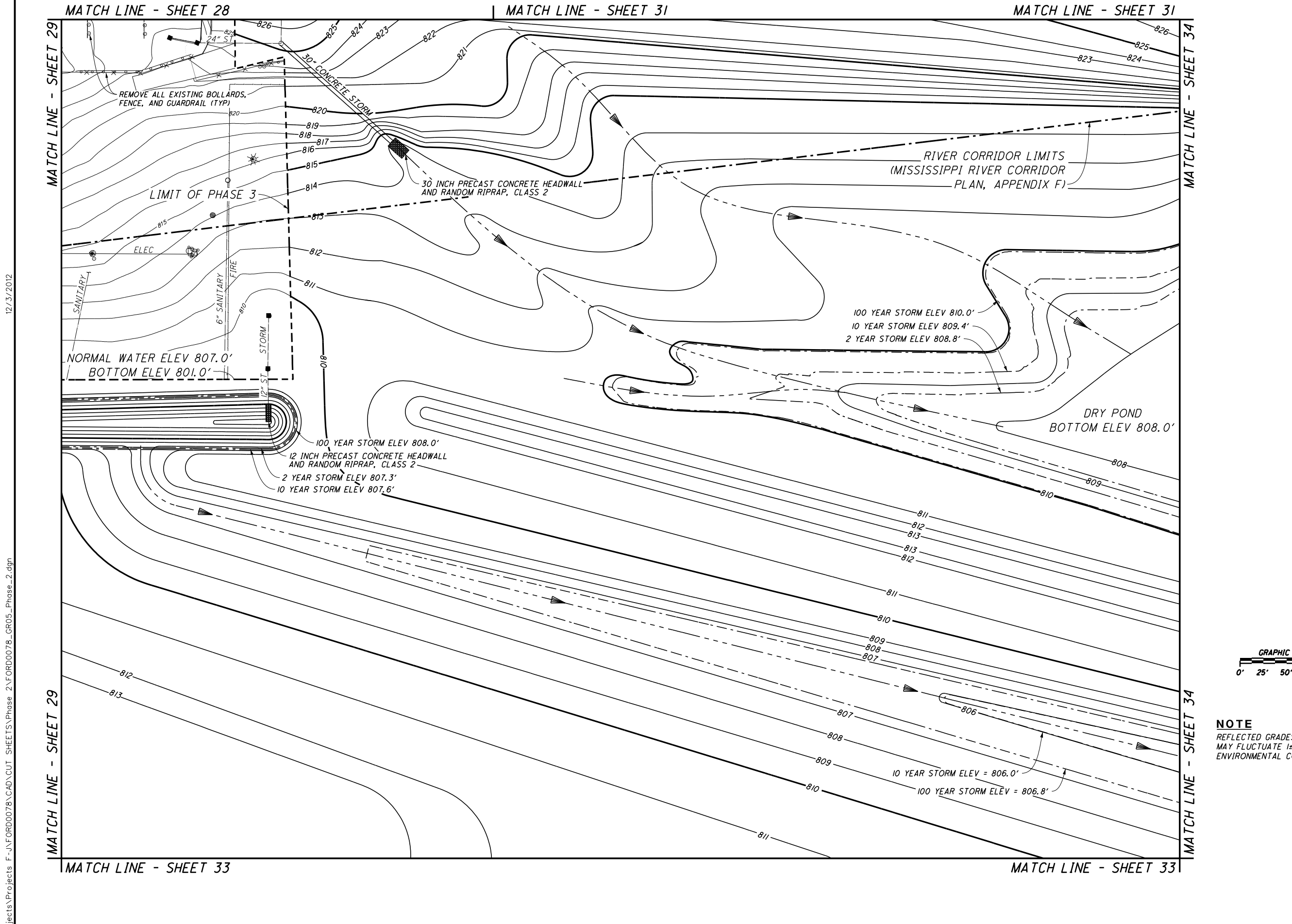
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▲	11/9/2012	LLH	SITE PLAN SUBMITTAL
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PROJECT  
TWIN CITIES ASSEMBLY PLANT  
SAINT PAUL, MINNESOTA

PHASE 3  
GRADING AND  
DRAINAGE PLAN



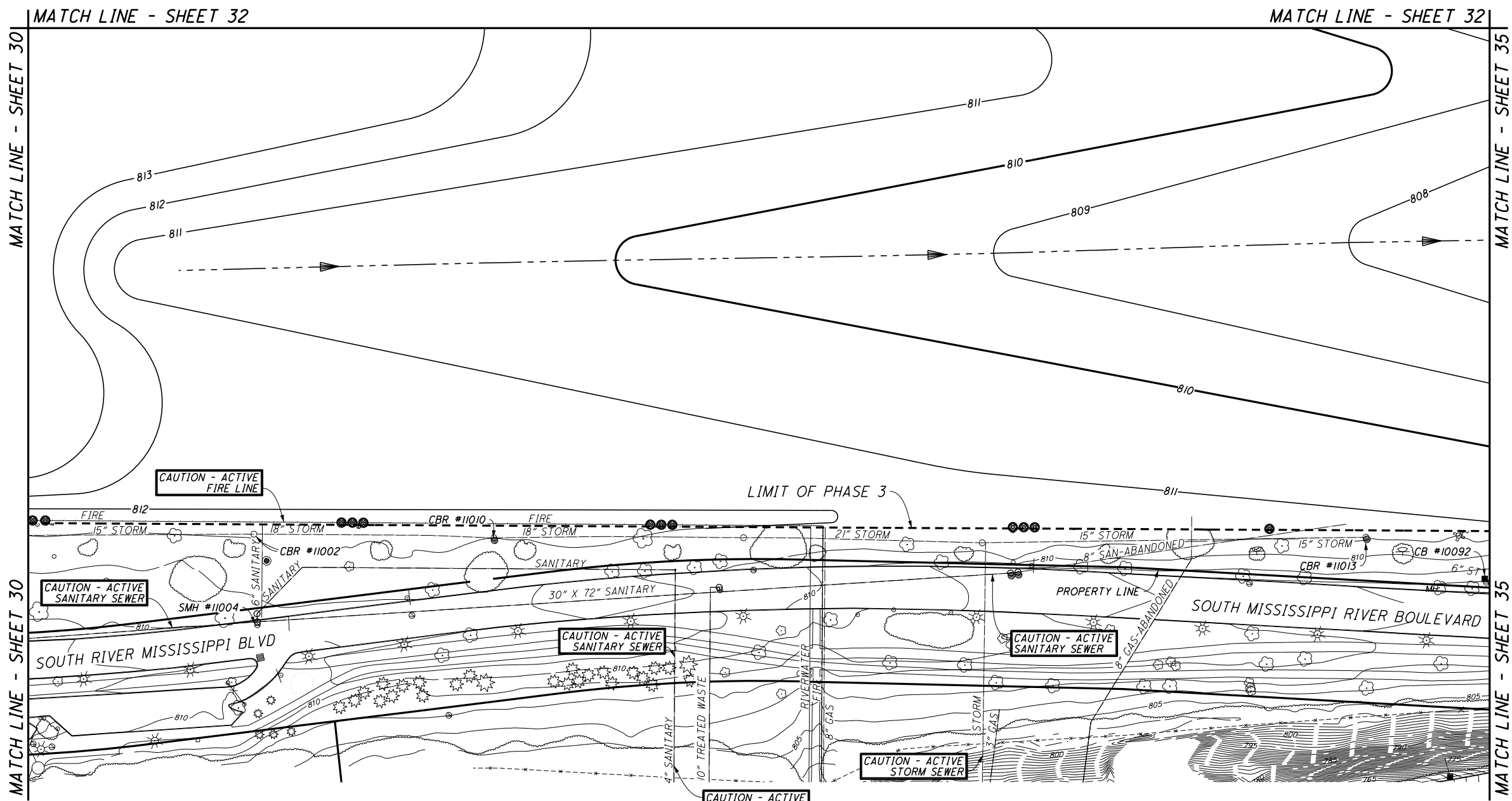
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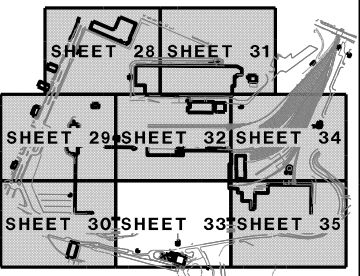
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12/3/2012



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 Saint Paul, MN 55101  
 651.292.4400  
 tigas.com

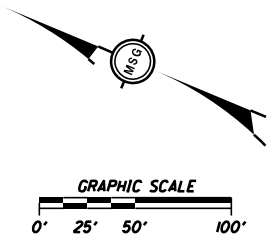


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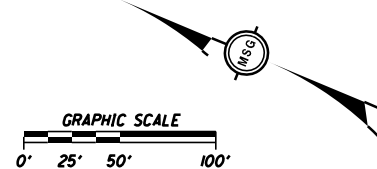
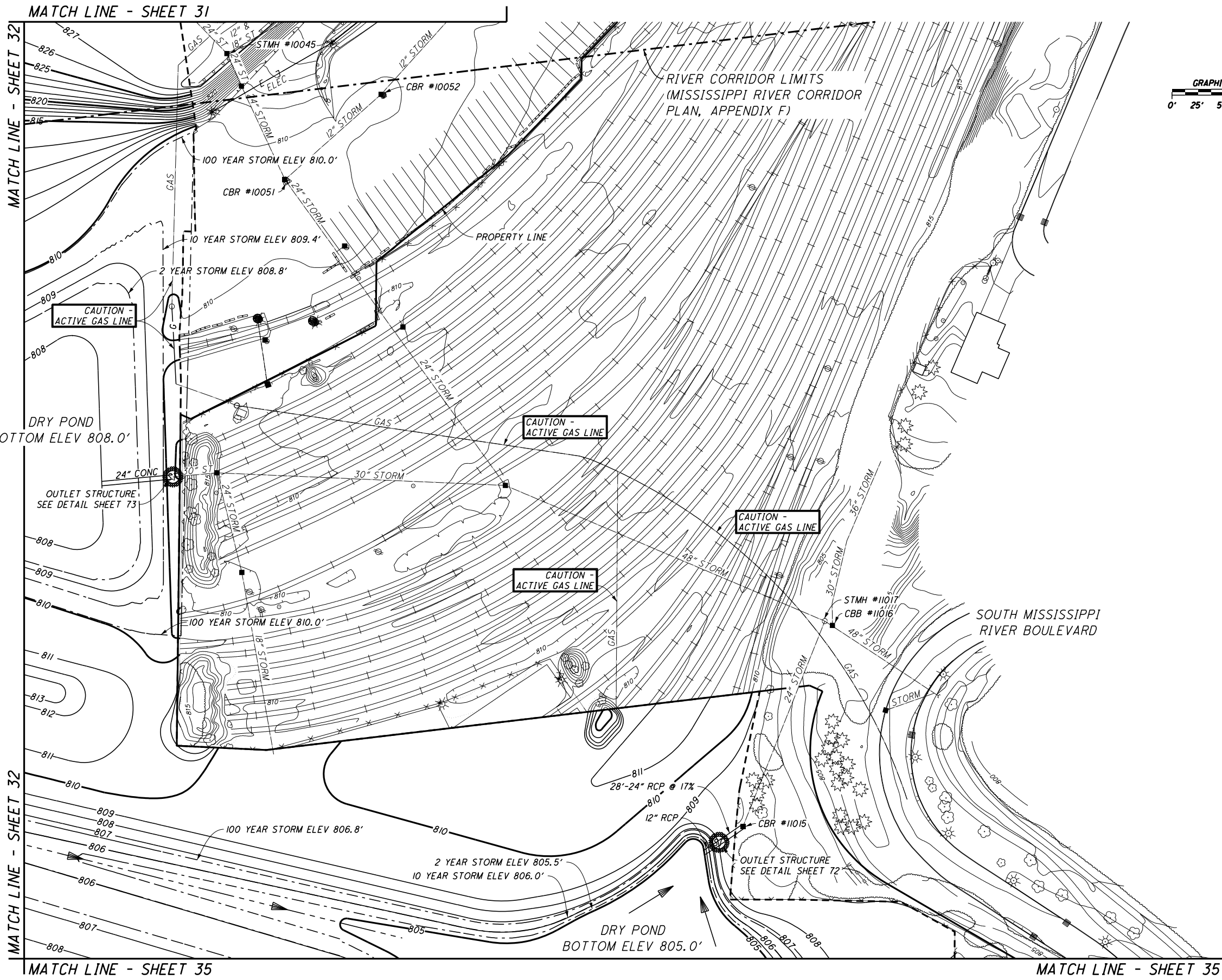
PRINT NAME: Jeffrey Lynn Snyder  
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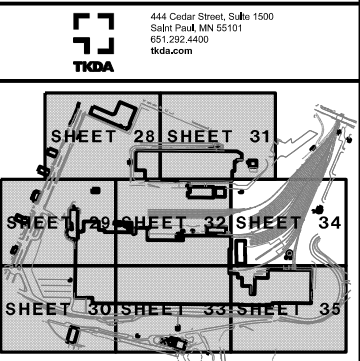
**NOTE**  
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PROJECT  
 TWIN CITIES ASSEMBLY PLANT  
 SAINT PAUL, MINNESOTA  
 PHASE 3  
 GRADING AND  
 DRAINAGE PLAN

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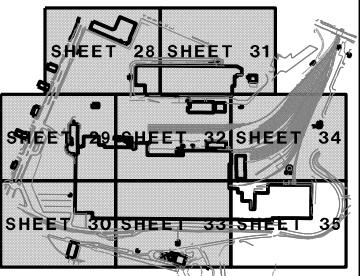
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PROJECT  
 TWIN CITIES ASSEMBLY PLANT  
 SAINT PAUL, MINNESOTA

PHASE 3  
 GRADING AND  
 DRAINAGE PLAN

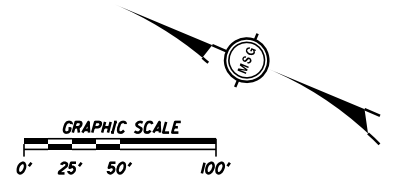


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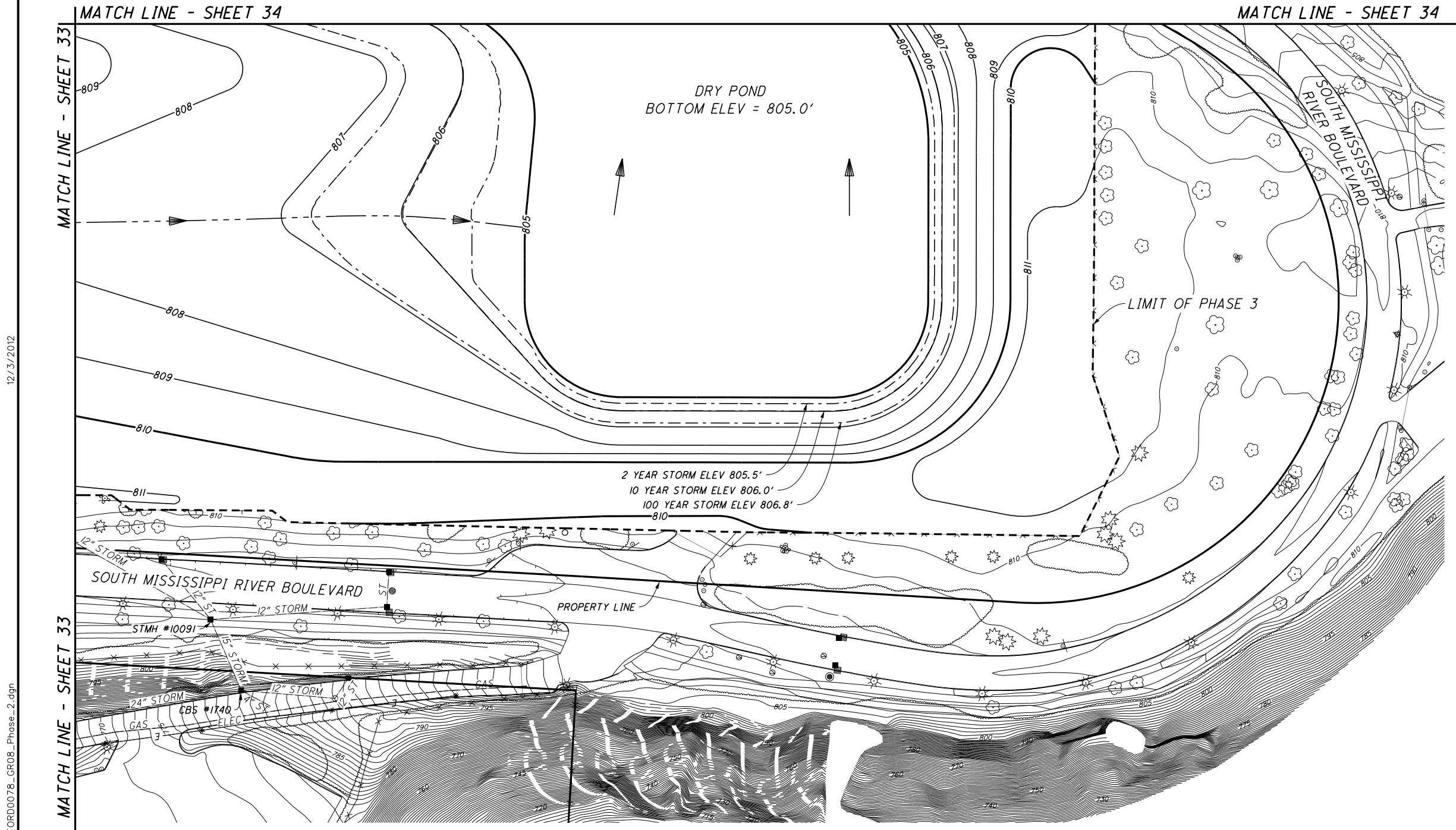
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PROJECT  
TWIN CITIES ASSEMBLY PLANT  
SAINT PAUL, MINNESOTA



MATCH LINE - SHEET 34

MATCH LINE - SHEET 34

MATCH LINE - SHEET 33

MATCH LINE - SHEET 33

12/3/2012

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12/3/2012

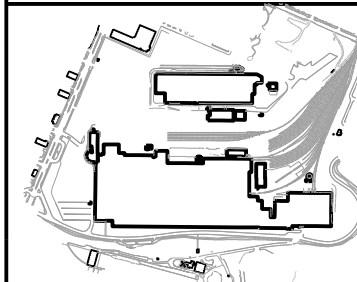
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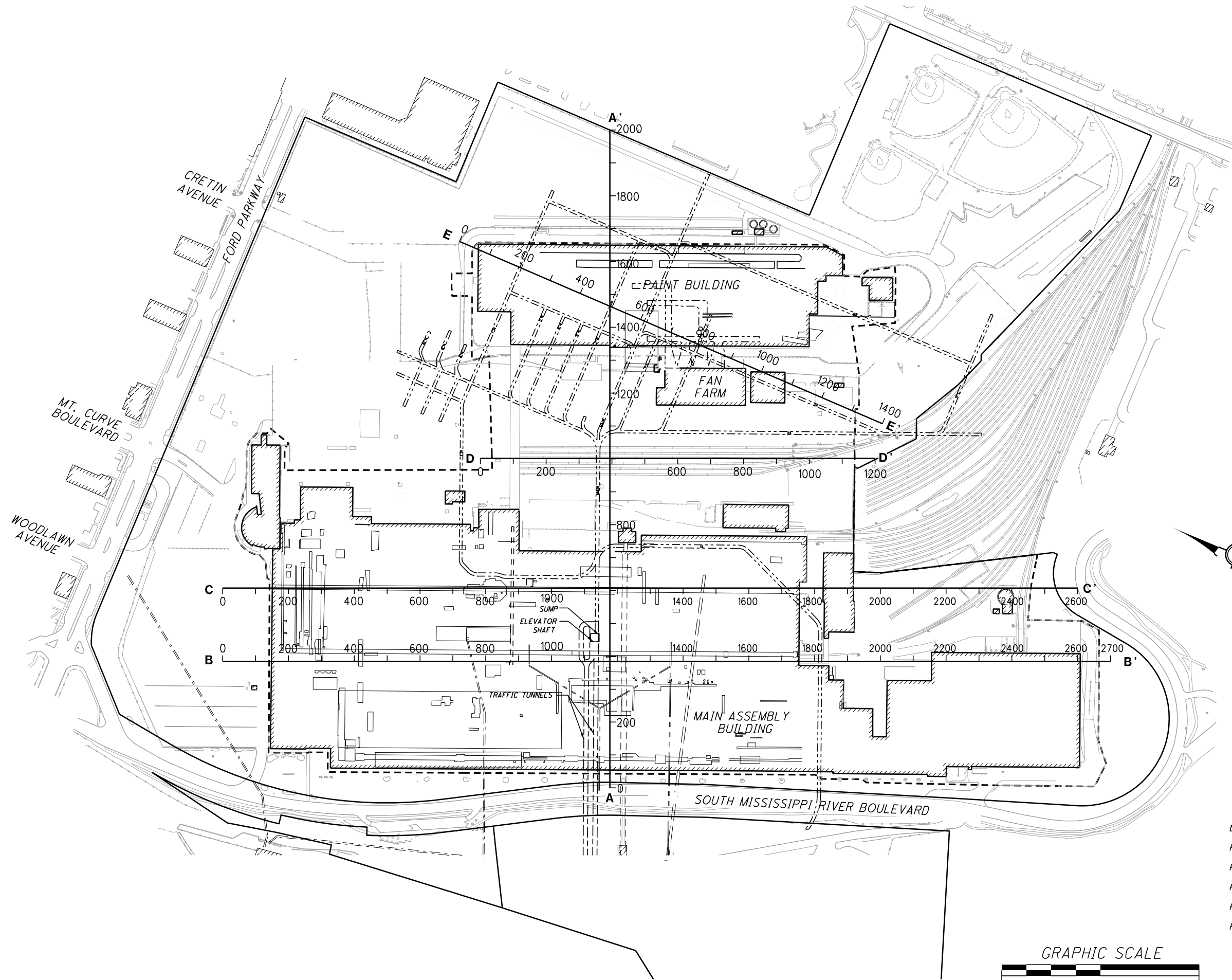
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1	11/9/2012	HMW	SITE PLAN SUBMITTAL

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SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_ LICENSE # 50097



**LEGEND**

- SAND TUNNEL: - - - - -
- TRAFFIC TUNNEL: - - - - -
- STEAM TUNNEL: - - - - -
- GAS TUNNEL: - - - - -
- CABLE TUNNEL: - - - - -
- OIL TUNNEL: = = = = =
- SEWER TUNNEL: - - - - -

**NOTES:**

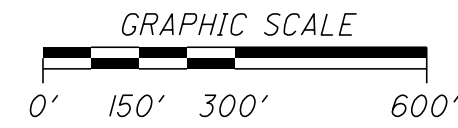
FOR SITE CROSS SECTION A-A' SEE SHEETS 37-38

FOR SITE CROSS SECTION B-B' SEE SHEETS 39-41

FOR SITE CROSS SECTION C-C' SEE SHEETS 42-44

FOR SITE CROSS SECTION D-D' SEE SHEETS 45-46

FOR SITE CROSS SECTION E-E' SEE SHEETS 47-48

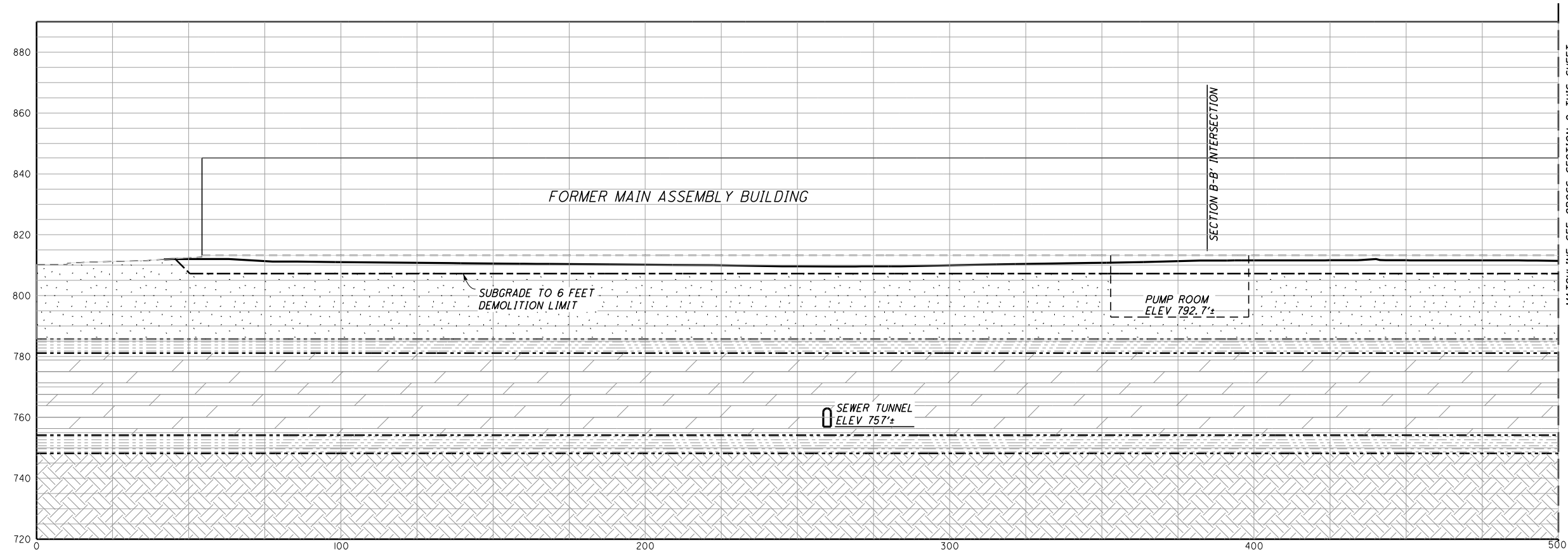


PROJECT  
TWIN CITIES ASSEMBLY PLANT  
SAINT PAUL, MINNESOTA

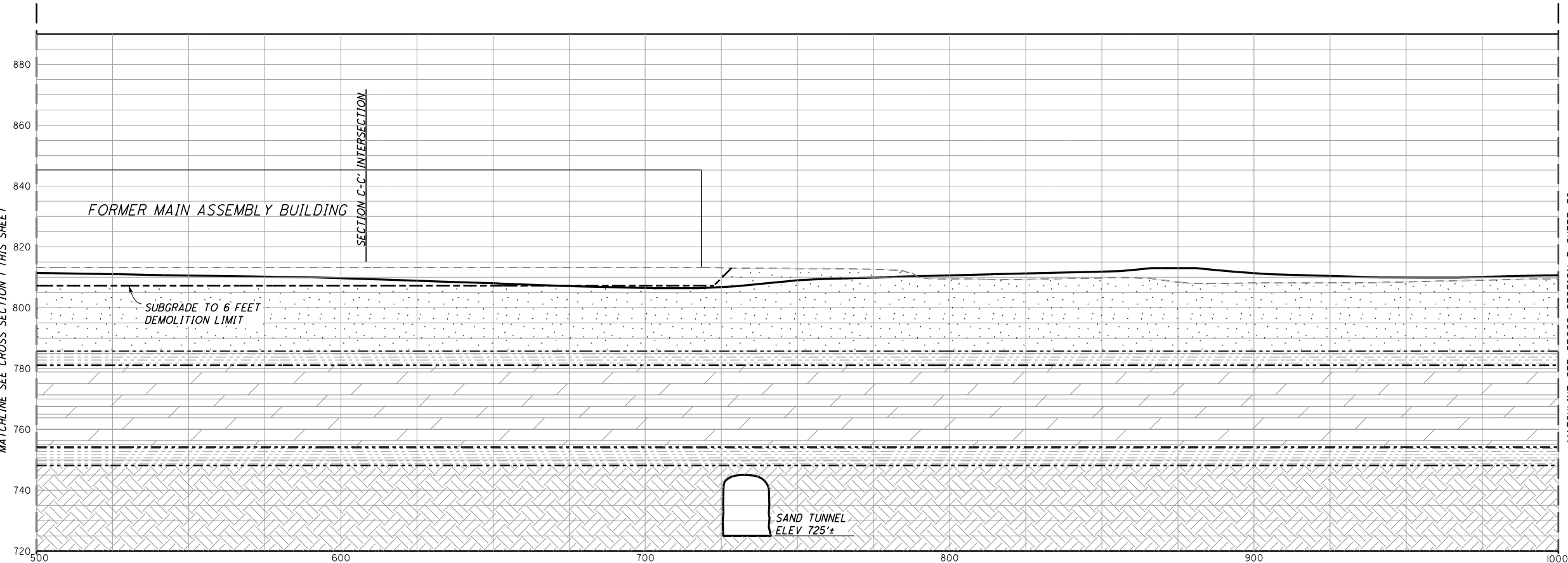
SITE CROSS SECTIONS LOCATION PLAN

12/3/2012

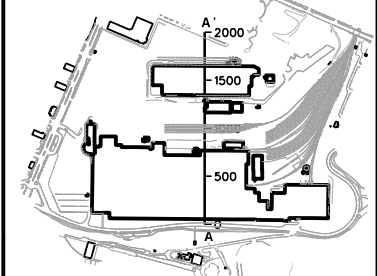
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① SITE CROSS SECTION A-A' STA 0 TO STA 500



② SITE CROSS SECTION A-A' STA 500 TO STA 1000



**KEY PLAN**

NO.	DATE	BY	DESCRIPTION
▲	11/9/2012	HMW	SITE PLAN SUBMITTAL
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- LEGEND**
- SOIL OVERBURDEN / GRANULAR COHESIVE FILL
  - SANDSTONE
  - PREDOMINANTLY SHALE
  - PREDOMINANTLY LIMESTONE
  - EXISTING GRADE
  - PROPOSED GRADE



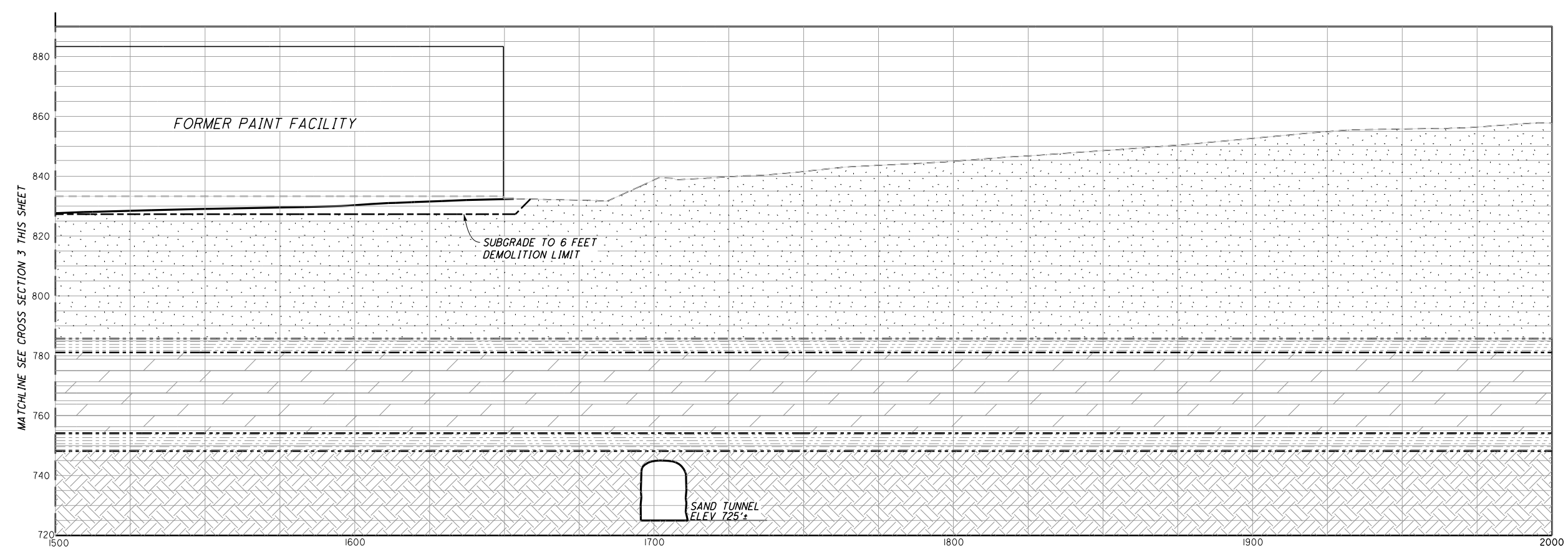
PROJECT  
TWIN CITIES ASSEMBLY PLANT  
SAINT PAUL, MINNESOTA

12/3/2012

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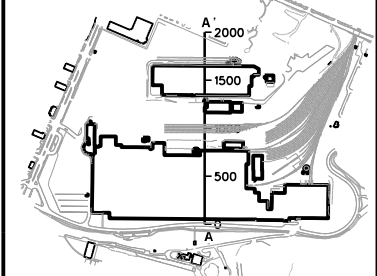
3 SITE CROSS SECTION A-A' STA 1000 TO STA 1500



4 SITE CROSS SECTION A-A' STA 1500 TO STA 2000

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KEY PLAN

NO.	DATE	BY	DESCRIPTION
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 DATE: \_\_\_\_\_ LICENSE # 50097

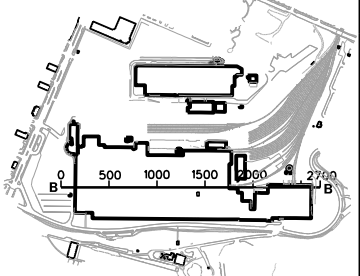
**LEGEND**

- SOIL OVERBURDEN / GRANULAR COHESIVE FILL
- SANDSTONE
- PREDOMINANTLY SHALE
- PREDOMINANTLY LIMESTONE
- EXISTING GRADE
- PROPOSED GRADE



PROJECT  
 TWIN CITIES ASSEMBLY PLANT  
 SAINT PAUL, MINNESOTA





**KEY PLAN**

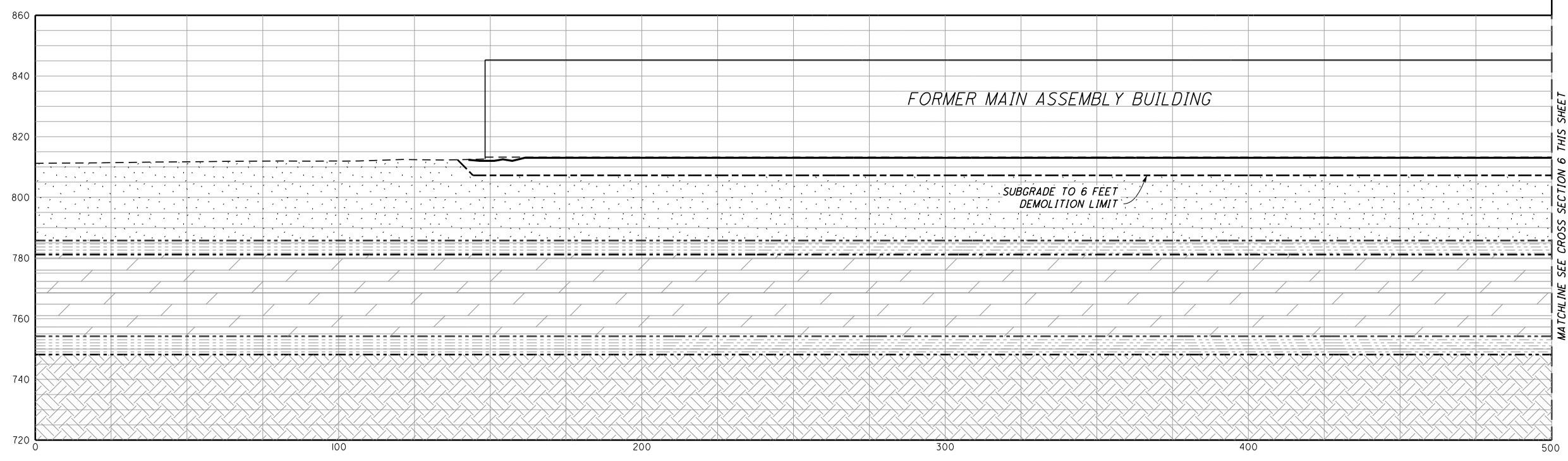
NO.	DATE	BY	DESCRIPTION
1	11/9/2012	HMW	SITE PLAN SUBMITTAL

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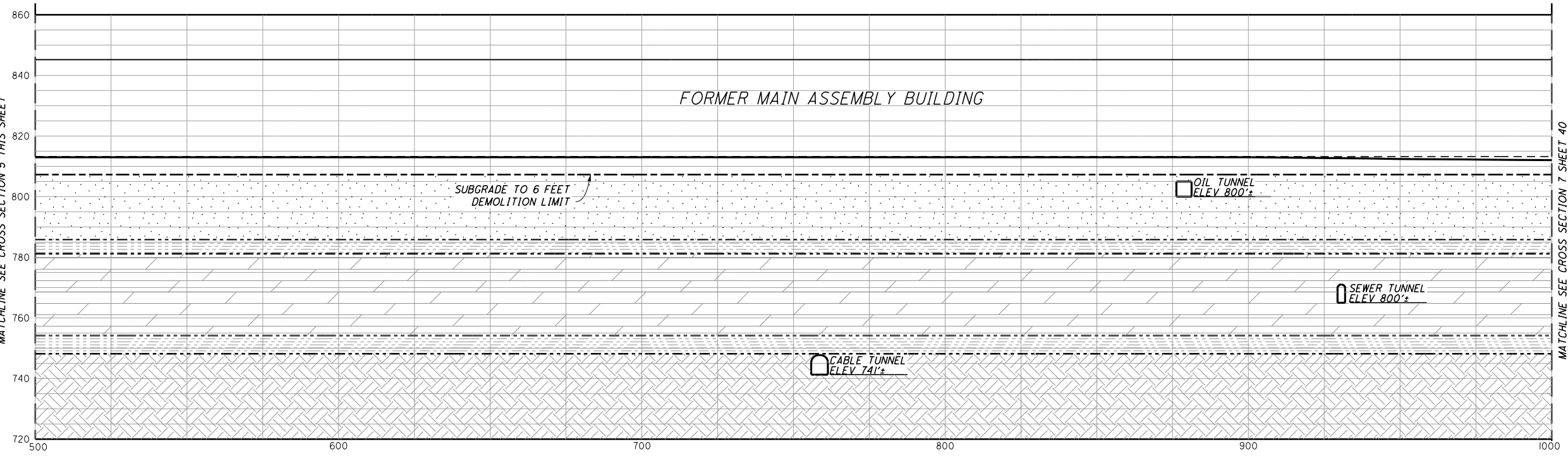
PRINT NAME: Jeffrey Lynn Snyder  
SIGNATURE: \_\_\_\_\_  
DATE: \_\_\_\_\_ LICENSE # 50097

PROJECT  
TWIN CITIES ASSEMBLY PLANT  
SAINT PAUL, MINNESOTA

SITE CROSS SECTIONS



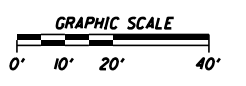
**5 SITE CROSS SECTION B-B' STA 0 TO STA 500**









**6 SITE CROSS SECTION B-B' STA 500 TO STA 1000**

MATCHLINE SEE CROSS SECTION 5 THIS SHEET

MATCHLINE SEE CROSS SECTION 7 SHEET 40



**LEGEND**

-  SOIL OVERBURDEN / GRANULAR COHESIVE FILL
-  SANDSTONE
-  PREDOMINANTLY SHALE
-  PREDOMINANTLY LIMESTONE
-  EXISTING GRADE
-  PROPOSED GRADE

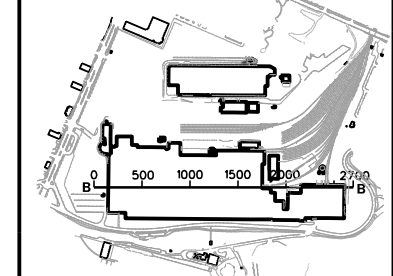
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**KEY PLAN**

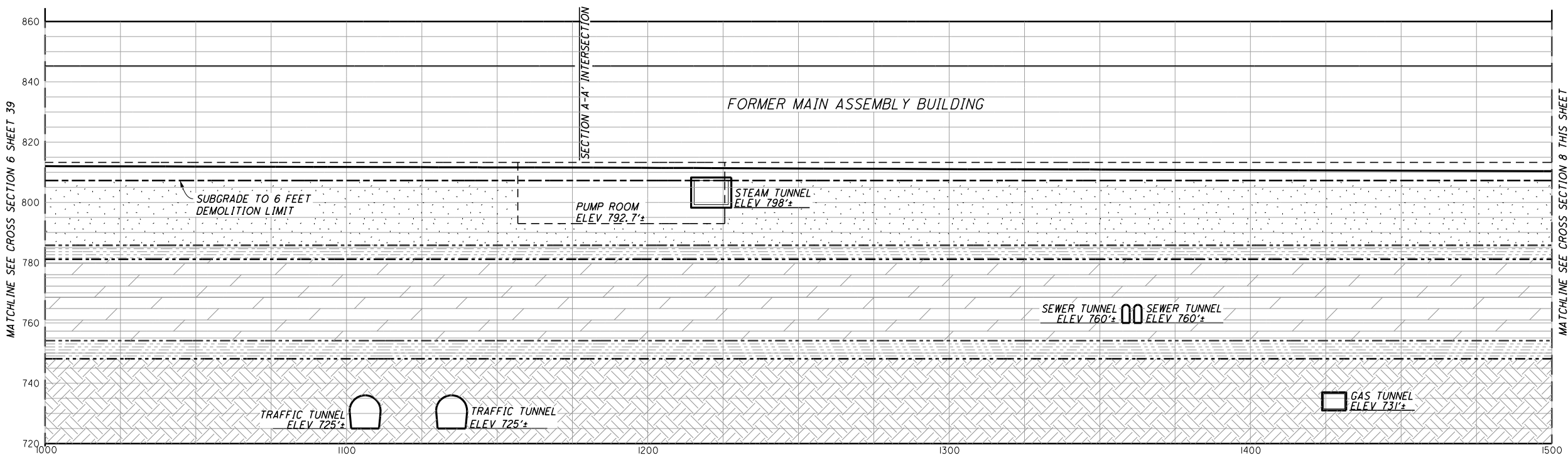
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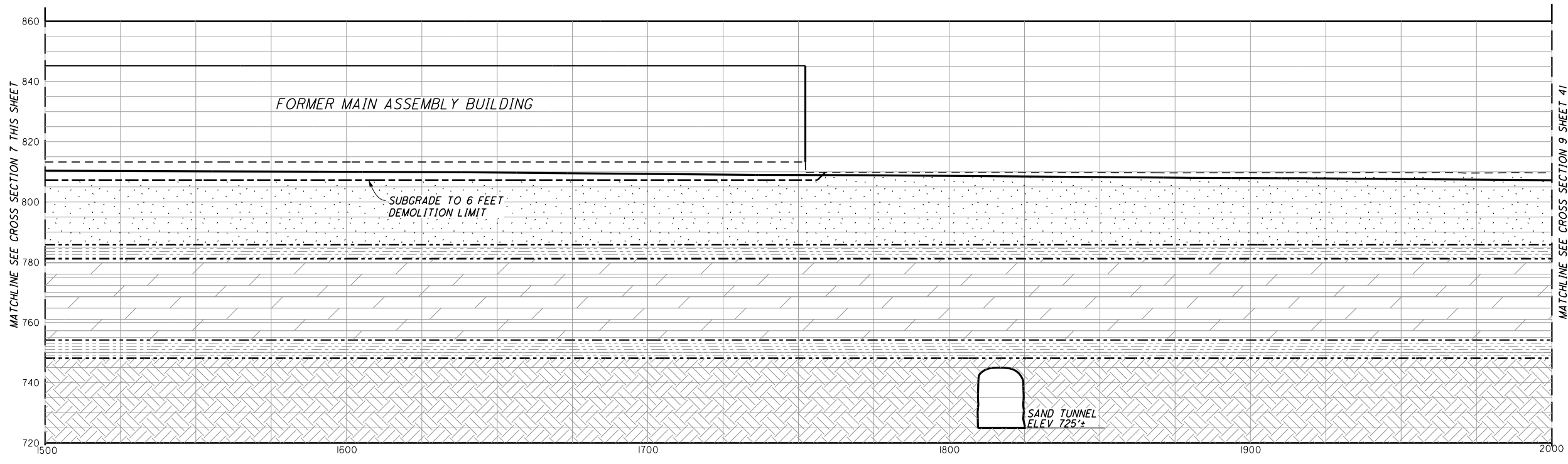
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SIGNATURE: \_\_\_\_\_

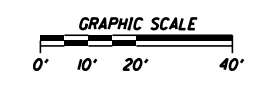
DATE: \_\_\_\_\_ LICENSE # 50097



7 SITE CROSS SECTION B-B' STA 1000 TO STA 1500



8 SITE CROSS SECTION B-B' STA 1500 TO STA 2000



**LEGEND**

	SOIL OVERBURDEN / GRANULAR COHESIVE FILL
	SANDSTONE
	PREDOMINANTLY SHALE
	PREDOMINANTLY LIMESTONE
	EXISTING GRADE
	PROPOSED GRADE