

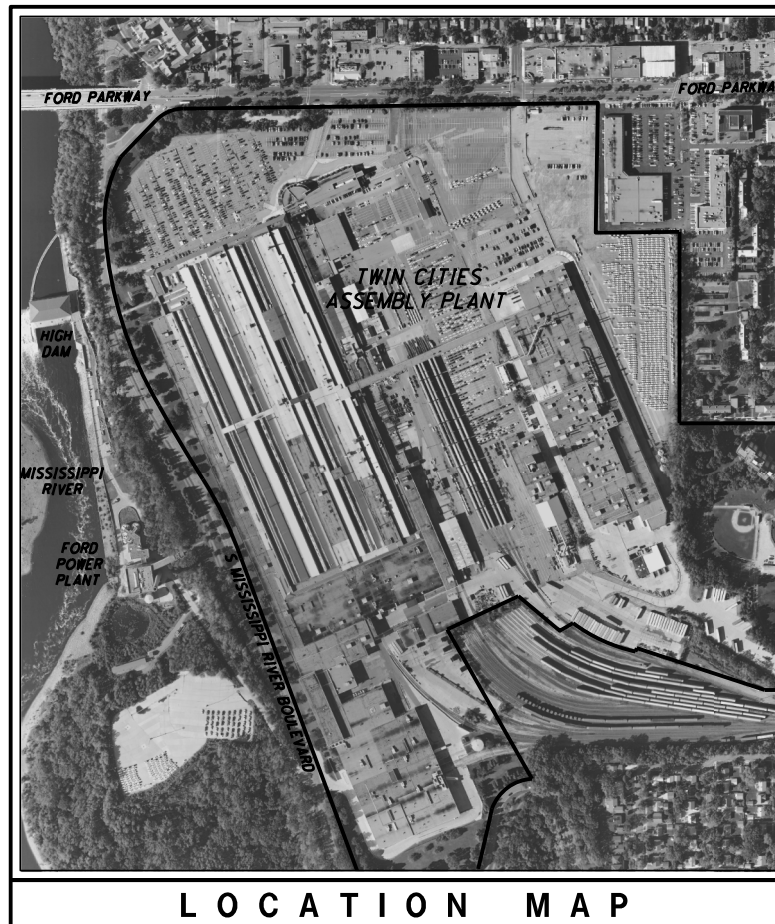
Section IX
Phase 2 Subsurface Removal and Phase 3 Site Restoration Plans

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**PHASE 2
SUBGRADE REMOVAL
PHASE 3
SITE RESTORATION
FOR
TWIN CITIES
ASSEMBLY PLANT**


CITY OF SAINT PAUL
RAMSEY COUNTY, MINNESOTA



LOCATION MAP

**UNDERGROUND UTILITIES
GOPHER STATE ONE CALL
TWO WORKING DAYS
BEFORE YOU DIG**

CALL 1-800-252-1166 (TOLL FREE)
or 651-454-0002 (TWIN CITY AREA)
SMART PHONE:
<http://mnticketentry.kortterweb.com>



NOTES

THESE PLANS INCLUDE THE EXISTING CONDITIONS OF THE SITE AFTER COMPLETION OF PHASE 1 (STRUCTURAL DEMOLITION). THE PROPOSED PHASE 2 WORK INCLUDES BUILDING SLAB, FOUNDATION, AND UNDER BUILDING DEMOLITION FOR THE PAINT BUILDING, MAIN ASSEMBLY BUILDING, VARIOUS SURROUNDING SMALLER BUILDINGS, RAILROAD REMOVAL, AND SELECT PAVEMENT REMOVAL. THE WORK WILL INCLUDE UTILITY REMOVAL FOR THOSE UTILITIES NO LONGER IN USE WITHIN THE LIMITS SHOWN ON THE PLANS. FINAL GRADING AND SITE RESTORATION WILL BE PERFORMED ON THE SITE AS PART OF PHASE 3. THIS WORK WILL INCLUDE STORM WATER BEST MANAGEMENT PRACTICES WITHIN THE LIMITS SHOWN ON THE PLANS.

DESIGN CONSULTANTS

- | | |
|--|--|
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2365 Haggerty Road South
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

















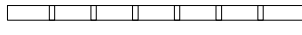


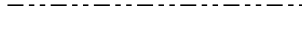
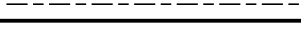

SUB CONTRACTORS

- | | |
|--|---|
| PHASE 1 DEMOLITION SUBCONTRACTOR
Independence Excavating, Inc.
5720 Schaaf Road
Independence, OH 44131 | Colleen Loreda
TEL: 216-446-3412
cloreda@indexc.com |
| FENCING SUBCONTRACTOR
TBD | |
| PHASE 2 SUBGRADE REMOVAL
TBD | |
| PHASE 3 SITE RESTORATION SUBCONTRACTOR
TBD | |

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 ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: JEFFREY LYNN SNYDER
SIGNATURE: _____
DATE: _____ LICENSE # 50097

LEGEND

- | | | |
|---|----------------------------|--|
|  | MONITORING WELL | |
|  | POST INDICATOR VALVE (PIV) | |
|  | TRAFFIC LIGHT | |
|  | STREET LIGHT | |
|  | POWER POLE | |
|  | GROUND LIGHT | |
|  | SIGN POST | |
|  | GUARDRAIL | |
|  | RAILROAD SWITCH | |
|  | DECIDUOUS TREE | |
|  | CONIFEROUS TREE | |
|  | ROCK | |
|  | FIRE HYDRANT | |
|  | UTILITY POLE | |
|  | SMALL POST OR BOLLARD | |
|  | UTILITY COVER PLATE | |
|  | UTILITY MANHOLE | |
|  | CATCH BASIN | |
|  | PROPOSED BULKHEAD | |
|  | ELECTRICAL | |
|  | GAS | |
|  | STORM SEWER | |
|  | FIRE LINE | |
|  | CITY WATER | |
|  | SANITARY SEWER | |
|  | RIVERWATER | |
|  | CONCRETE BARRIER | |
| | TREE LINE | |
| | RETAINING WALL | |
| | SAND MINING TUNNEL | |
| | UTILITY TUNNEL | |

12/3/2012

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NO	DATE	BY	DESCRIPTION
1	11/9/2012	LLH	SITE PLAN SUBMITTAL
Mannik & Smith Group, Inc. Civil Engineering, Surveying and Environmental Consulting			
CLIENT FORDLAND			
PROJECT TWIN CITIES ASSEMBLY PLANT SAINT PAUL, MINNESOTA			
TITLE SHEET			
1			79

CITY OF ST. PAUL PERMIT REQUIREMENTS

- ORDERING OBSTRUCTION AND EXCAVATION PERMITS: CONTACT PUBLIC WORKS RIGHT OF WAY SERVICE DESK AT 651-266-6151. IT IS STRONGLY RECOMMENDED THAT CONTRACTORS CALL FOR COST ESTIMATES PRIOR TO BIDDING TO OBTAIN ACCURATE COST ESTIMATES.
- OBSTRUCTION PERMITS: THE CONTRACTOR MUST OBTAIN AN OBSTRUCTION PERMIT IF CONSTRUCTION (INCLUDING SILT FENCES) WILL BLOCK CITY STREETS, SIDEWALKS OR ALLEYS, OR IF DRIVING OVER CURBS.
- EXCAVATION PERMITS: ALL DIGGING IN THE PUBLIC RIGHT OF WAY REQUIRES AN EXCAVATION PERMIT. IF THE PROPOSED BUILDING IS CLOSE TO THE RIGHT OF WAY, AND EXCAVATING INTO THE RIGHT OF WAY IS NEEDED TO FACILITATE CONSTRUCTION, CONTACT THE UTILITY INSPECTOR.
- FAILURE TO SECURE PERMITS: FAILURE TO SECURE OBSTRUCTION PERMITS OR EXCAVATION PERMITS WILL RESULT IN A DOUBLE-PERMIT FEE AND OTHER FEES REQUIRED UNDER CITY OF ST. PAUL LEGISLATIVE CODES.
- REQUIREMENTS TO WORK IN THE PUBLIC RIGHT OF WAY: ALL UTILITIES AND CONTRACTORS WORKING IN THE PUBLIC RIGHT OF WAY MUST BE REGISTERED, INSURED AND BONDED, AS RECOGNIZED BY THE PUBLIC WORKS SERVICE DESK 651-266-6151.

CITY OF ST. PAUL NOTES

- SIGNS REGULATING PARKING AND/OR TRAFFIC ON PRIVATE PROPERTY SHALL BE INSTALLED BY THE PROPERTY OWNER OR CONTRACTOR OUTSIDE THE PUBLIC RIGHT OF WAY. SIGNS APPROVED BY PUBLIC WORKS TRAFFIC ENGINEERING REGULATING PARKING AND/OR TRAFFIC IN THE PUBLIC RIGHT OF WAY FOR THIS DEVELOPMENT SHALL BE INSTALLED BY CITY FORCES AT THE EXPENSE OF THE DEVELOPMENT. CONTACT TRAFFIC ENGINEERING 651-265-6200 SIX WEEKS IN ADVANCE OF NEEDED SIGNS.
- ALL WORK ON CURBS, DRIVEWAYS, AND SIDEWALKS WITHIN THE PUBLIC RIGHT OF WAY MUST BE DONE BY A LICENSED AND BONDED CONTRACTOR UNDER A PERMIT FROM PUBLIC WORKS SIDEWALK SECTION 651-266-6084. SIDEWALK GRADES MUST BE CARRIED ACROSS DRIVEWAYS.
- RESTORATION OF ASPHALT AND CONCRETE PAVEMENT ARE PERFORMED BY THE PUBLIC WORKS STREET MAINTENANCE DIVISION. THE CONTRACTOR IS RESPONSIBLE FOR PAYMENT TO THE CITY FOR THE COST OF THESE RESTORATIONS. THE CONTRACTOR SHALL CONTACT PUBLIC WORKS STREET MAINTENANCE'S "GENERAL REQUIREMENTS ALL RESTORATIONS" AND ARE AVAILABLE AT THE PERMIT OFFICE.
- THE CONTRACTOR SHALL CONTACT BRIAN VITEK AT 651-266-9773 IN LIGHTING-SIGNAL MAINTENANCE IF REMOVAL OR RELOCATIONS OF EXISTING FACILITIES ARE REQUIRED OR IN THE EVENT OF DAMAGE TO THE LIGHTING OR SIGNAL UTILITIES. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY (AND RELATED COSTS) FOR ANY DAMAGE OR RELOCATIONS. LIGHTING ON SOUTH MISSISSIPPI BOULEVARD AND FORD PARKWAY SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION. COORDINATE WITH THE CITY OF ST. PAUL.
- THE INSTALLATION OF PRIVATE ELECTRICAL WIRING, CONDUIT, RECEPTACLES, AND/OR LIGHTING IS STRICTLY PROHIBITED IN THE CITY'S RIGHT OF WAY.
- CARE MUST BE TAKEN DURING CONSTRUCTION AND EXCAVATION TO PROTECT ANY SURVEY MONUMENTS AND/OR PROPERTY IRONS, CALL SAM GIBSON OF PUBLIC WORKS SURVEYING AT 651-266-6075 IF YOU HAVE ANY QUESTIONS.
- PIPE WORK INSIDE PROPERTY TO BE PERFORMED BY A PLUMBER LICENSED BY THE STATE OF MINNESOTA AND CERTIFIED BY THE CITY OF SAINT PAUL. PIPE WORK WITHIN THE PUBLIC RIGHT OF WAY TO BE PERFORMED BY SPRWS.
- ABANDONING EXISTING SEWER SERVICE OR MAKING NEW CONNECTIONS TO CITY SEWER MUST BE DONE TO CITY STANDARDS BY A LICENSED HOUSE DRAIN CONTRACTOR UNDER A PERMIT FROM PUBLIC WORKS SEWER SECTION 651-266-6234.
- INSPECTION CONTACT: THE DEVELOPER SHALL CONTACT THE RIGHT OF WAY INSPECTOR BILL McDONALD AT 651-485-0418 (ONE WEEK PRIOR TO BEGINNING WORK) TO DISCUSS TRAFFIC CONTROL, PEDESTRIAN SAFETY AND COORDINATION OF ALL WORK IN THE PUBLIC RIGHT OF WAY.
- SAFE WORK SITE REQUIREMENTS: THE CONTRACTOR SHALL PROVIDE A CONTINUOUS, ACCESSIBLE AND SAFE PEDESTRIAN WALKWAY THAT MEETS ADA AND MN MUTCD STANDARDS IF WORKING IN A SIDEWALK AREA, AND TRAFFIC CONTROL PER MN MUTCD REQUIREMENTS FOR WORK IN THE PUBLIC RIGHT OF WAY.
- NO PRIVATE FACILITIES IN THE RIGHT OF WAY: THE DEVELOPER IS STRICTLY PROHIBITED FROM INSTALLING PRIVATE ELECTRICAL WIRING, CONDUIT, RECEPTACLES, AND/OR LIGHTING IN THE CITY'S RIGHT OF WAY. THIS INCLUDES STUBBING CONDUIT OR CABLE INTO THE PUBLIC RIGHT OF WAY TO ACCOMMODATE UTILITY FEEDS TO THE SITE. COORDINATE WITH EACH UTILITY PRIOR TO CONSTRUCTION TO DETERMINE FEED POINTS INTO THE PROPERTY. UTILITIES ARE RESPONSIBLE FOR SECURING EXCAVATION PERMITS TO RUN THEIR SERVICE INTO A SITE, AND (WHERE REQUIRED) SUBMITTING PLANS FOR REVIEW BY THE PUBLIC WORKS UTILITY REVIEW COMMITTEE.
- WORK CONDUCTED ON STATE ROADWAYS, TRUNK HIGHWAYS, OR RIGHT OF WAY MAY ALSO REQUIRE PERMITTING THROUGH MNDOT. MNDOT CONTACT IS ROD CLARK, 651-234-7915, STATE AND CITY APPROVAL IS REQUIRED ON MNDOT ROADWAYS MAINTAINED BY THE CITY.
- FORD PARKWAY WAS RESURFACED IN 2008. AS PER THE CITY'S "STANDARD SPECIFICATION FOR STREET OPENINGS" POLICY, RESTORATION ON ROADWAY SURFACES LESS THAN FIVE YEARS OLD WILL REQUIRE FULL WIDTH MILL AND OVERLAY OR ADDITIONAL DEGRADATION FEES. PAVEMENT RESTORATION SHALL BE COMPLETED BY THE ST. PAUL PUBLIC WORKS STREET MAINTENANCE DIVISION. ALL RELATED COSTS ARE THE RESPONSIBILITY OF THE DEVELOPER/CONTRACTOR. CONTACT KEVIN NELSON AT 651-266-9700 FOR ESTIMATE OF COSTS FOR PAVEMENT RESTORATION.

SITE DEMOLITION NOTES

- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASE OF THIS PROJECT. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASE OF THIS PROJECT.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTION SIGNS, PLACEMENT AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE APPROPRIATE MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARDS.
- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS ON THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. THE REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE DUTY OF THE ENGINEER, OR THE CONTRACTOR TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTORS PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, OR NEAR THE CONSTRUCTION SITE.
- BEFORE BEGINNING CONSTRUCTION THE CONTRACTOR SHALL REFER TO SHEETS 49-61, FOR EROSION CONTROL INFORMATION.
- DEMOLITION AND UTILITY WORK MAY REQUIRE CITY AND MNDOT PERMITS.
- CONTRACTOR TO CLEAR AND GRUB EXISTING VEGETATION WITHIN CONSTRUCTION LIMITS, STRIP TOP SOIL, AND STOCKPILE ON SITE, REFER TO SWPPP FOR SEDIMENT AND EROSION CONTROL REQUIREMENTS.
- EXISTING TOPOGRAPHY PROVIDED BY ADVANCED MAPPING TECHNOLOGIES AND THE MANNIK & SMITH GROUP, INC.
- THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS.
- MINNESOTA STATE STATUTE REQUIRES NOTIFICATION PER "GOPHER STATE ONE CALL" PRIOR TO COMMENCING ANY GRADING, EXCAVATING, OR UNDERGROUND WORK.
- CLEAR AND GRUB AND REMOVE ALL TREES, VEGETATION, AND SITE DEBRIS PRIOR TO GRADING. ALL REMOVED MATERIAL SHALL BE HAULED FROM THE SITE DAILY. ALL CLEARING AND GRUBBING AND REMOVALS SHALL BE PERFORMED PER THE CONTRACT SPECIFICATIONS. EROSION CONTROL MEASURES SHALL BE IMMEDIATELY ESTABLISHED UPON REMOVAL. SEE SHEETS 49-61 FOR THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
- LEAD WATER SERVICES MUST BE CUT OFF AT THE MAIN BY SPRWS. EXCAVATION BY CONTRACTOR.
- ABANDONED SANITARY SEWER: UTILITIES LEFT IN PLACE NEED TO BE FILLED WITH SAND, MANHOLE BOTTOMS BROKEN UP AND STRUCTURES FILLED WITH SAND.
- ALL ABANDONED OR REMOVED SEWER UTILITIES NEED TO BE BULKHEADED AT THE MANHOLE.
- THE WORK ON SITE SHALL BE LIMITED TO MONDAY THROUGH FRIDAY BETWEEN THE HOURS OF 7:00 AM AND 6:00 PM.

WARNING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND/OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES, OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

UNDERGROUND UTILITIES

GOPHER STATE ONE CALL

TWO WORKING DAYS

BEFORE YOU DIG

CALL 1-800-252-1166 (TOLL FREE)

or 651-454-0002 (TWIN CITY AREA)

SMART PHONE:

<http://mnticketentry.korterraweb.com>

FORDLAND

The
Mannik & Smith
Group, Inc.

Civil Engineering, Surveying and Environmental Consulting

444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651-292-4400
tkds.com

KEY PLAN

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

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 ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

PRINT NAME: Jeffrey Lynn Snyder

SIGNATURE: _____

DATE: _____ LICENSE # 50097

PROJECT
TWIN CITIES ASSEMBLY PLANT
SAINT PAUL, MINNESOTA

DEMOLITION
NOTES

12/3/2012

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SITE PLAN GENERAL NOTES

1. ~~PERVIOUS: 1.14 ACRES (PHASE 2)
IMPERVIOUS: 65.73 ACRES (PHASE 2)
PERVIOUS: 66.87 ACRES (PHASE 3)
IMPERVIOUS: 0 ACRES (PHASE 3)~~
2. ~~ALL PAVING, CONCRETE CURB, GUTTER AND SIDEWALK SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE DETAILS SHOWN PER SHEET ----- AND THE REQUIREMENTS OF THE CITY. SEE LANDSCAPE AND ARCHITECTURAL PLANS FOR ANY ADDITIONAL HARDSCAPE APPLICATIONS.~~
3. ~~THE CITY DEPARTMENT OF ENGINEERING AND BUILDING INSPECTORS DEPARTMENT AND THE CONSTRUCTION ENGINEER SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY WORK WITHIN THE STREET RIGHT OF WAY (SIDEWALK, STREET OR DRIVEWAY).~~
4. ~~MINNESOTA STATE STATUTE REQUIRES NOTIFICATION PER "GOPHER STATE ONE CALL" PRIOR TO COMMENCING ANY GRADING, EXCAVATING, OR UNDERGROUND WORK.~~
5. ~~SEE CONTRACT DOCUMENTS FOR ANY REMOVAL DETAILS.~~
6. ~~ANY SIGN OR FIXTURES REMOVED WITHIN THE RIGHT OF WAY OR AS PART OF THE SITE WORK SHALL BE REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH THE CITY REQUIREMENTS. THE CONTRACTOR SHALL PRESERVE AND MAINTAIN ANY EXISTING STREET LIGHTS AND TRAFFIC SIGNS PER THE REQUIREMENTS OF THE CITY.~~
7. ~~CLEAR AND GRUB AND REMOVE ALL TREES, VEGETATION AND SITE DEBRIS PRIOR TO GRADING. ALL REMOVED MATERIAL SHALL BE HAULED FROM THE SITE DAILY. ALL CLEARING AND GRUBBING AND REMOVALS SHALL BE PERFORMED PER THE CONTRACT SPECIFICATIONS. EROSION CONTROL MEASURES SHALL BE IMMEDIATELY ESTABLISHED UPON REMOVAL. SEE SHEETS 49-61.~~
8. ~~THE CONTRACTOR SHALL BE REQUIRED TO OBTAIN ALL PERMITS FROM THE CITY AS REQUIRED FOR ALL WORK WITHIN THE STREET AND PUBLIC RIGHT OF WAY.~~
9. ~~A SIGNIFICANT PORTION OF THE SITE IMPROVEMENTS NOT SHOWN ON THE SITE PLANS ARE DESCRIBED AND PROVIDED IN FURTHER DETAIL ON THE ARCHITECTURAL AND LANDSCAPING PLANS. THIS INCLUDES LANDSCAPING, LIGHTING AND OTHER FIXTURES.~~
10. ~~CONSTRUCTION NOTES:
PEDESTRIAN RAMPS SHALL BE PROVIDED AT THE LOCATIONS SHOWN.
THE CONTRACTOR SHALL SAWCUT BITUMINOUS AND CONCRETE PAVEMENTS AS REQUIRED PER THE SPECIFICATION.~~
11. ~~SEE SHEETS 4-48 FOR GRADING AND UTILITIES.~~
12. ~~CONCRETE CURB AND GUTTER TO BE --- OR ---, CITY'S STANDARD PLANS. (SEE DETAIL SHEET)~~
13. ~~THE INTENT OF THE PROPOSED CONSTRUCTION IS TO PRESERVE AS MUCH OF THE EXISTING STREET SIDEWALK AS POSSIBLE. SIDEWALK ON FORD PARKWAY TO REMAIN.~~
14. ~~ALL WORK ON CURBS, DRIVEWAYS, AND SIDEWALKS WITHIN THE PUBLIC RIGHT OF WAY MUST BE DONE BY A LICENSED, BONDED CONTRACTOR UNDER A PERMIT FROM PUBLIC WORKS SIDEWALK SECTION 651-266-6084. SIDEWALK GRADES MUST BE CARRIED ACROSS DRIVEWAYS.~~
15. ~~RESTORATION OF ASPHALT AND CONCRETE PAVEMENTS ARE PERFORMED BY THE PUBLIC WORKS STREET MAINTENANCE DIVISION. THE CONTRACTOR IS RESPONSIBLE FOR PAYMENT TO THE CITY FOR THE COSTS OF THESE RESTORATIONS. THE CONTRACTOR SHALL CONTACT PUBLIC WORKS STREET MAINTENANCE TO SET UP A WORK ORDER PRIOR TO BEGINNING ANY REMOVALS IN THE STREET. PROCEDURES AND UNIT COSTS ARE FOUND IN STREET MAINTENANCE'S "GENERAL REQUIREMENTS - ALL RESTORATIONS" AND ARE AVAILABLE AT THE PERMIT OFFICE.~~
16. ~~INSPECTION CONTACT: THE DEVELOPER SHALL CONTACT THE RIGHT OF WAY INSPECTOR AT 651-435-0413 (ONE WEEK PRIOR TO BEGINNING WORK) TO DISCUSS TRAFFIC CONTROL, PEDESTRIAN SAFETY, COORDINATION OF ALL WORK IN THE PUBLIC RIGHT OF WAY AND OTHER COORDINATION ISSUES.~~



The Mannik & Smith Group, Inc.
Civil Engineering, Surveying and Environmental Consulting

444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651.292.4400
tkds.com



KEY PLAN

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

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 ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

PRINT NAME: Jeffrey Lynn Snyder

SIGNATURE: _____

DATE: _____ LICENSE # 50097

PROJECT
TWIN CITIES ASSEMBLY PLANT
SAINT PAUL, MINNESOTA

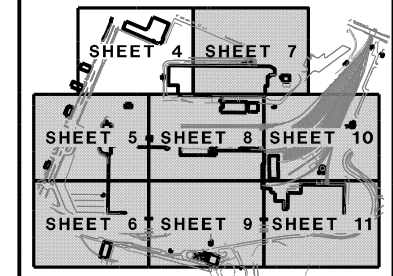
SITE PLAN
NOTES

12/3/2012

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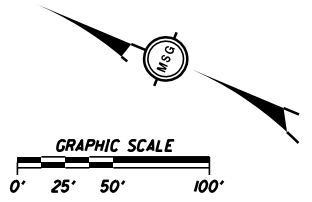


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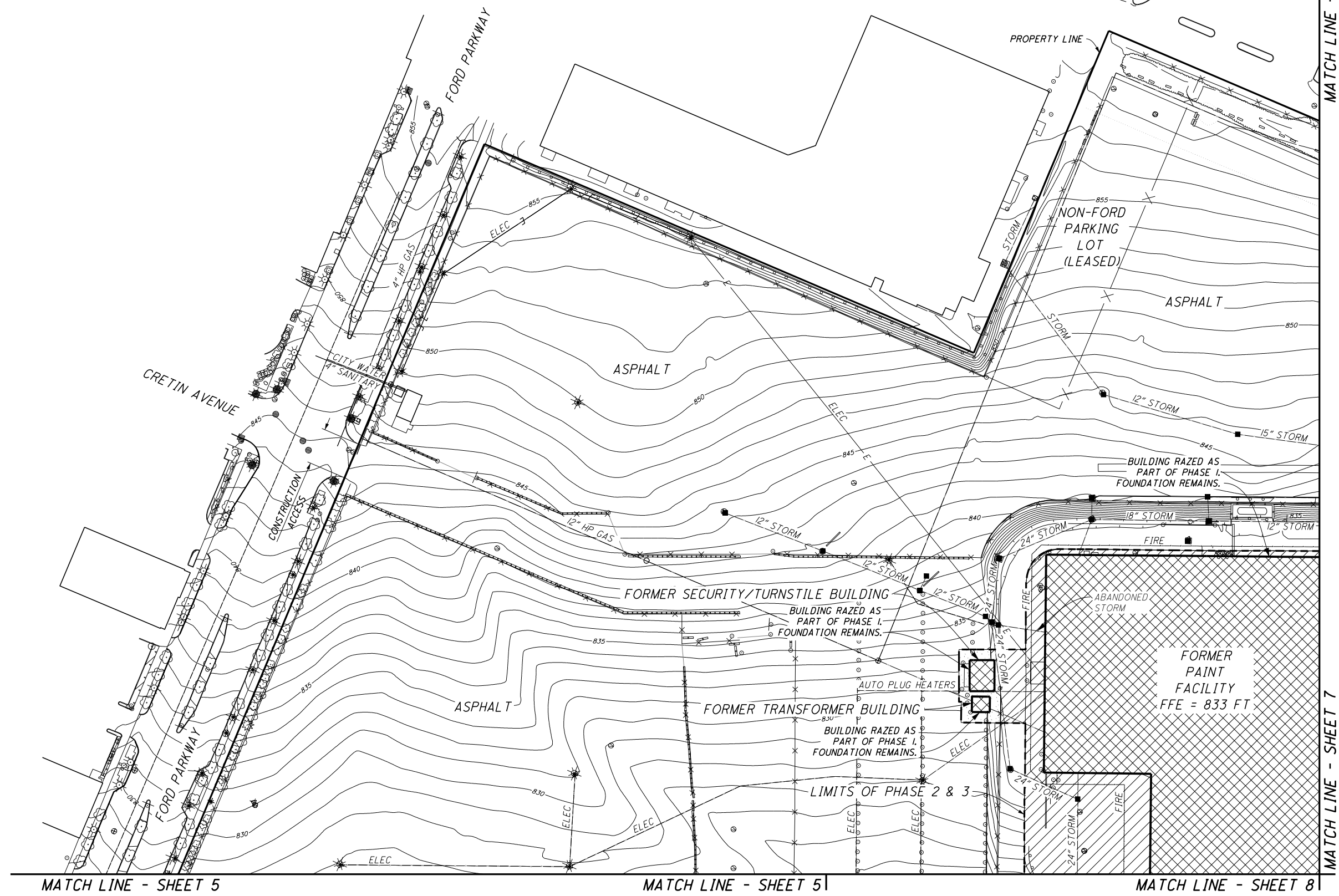
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PRINT NAME: Jeffrey Lynn Snyder
 SIGNATURE: _____
 DATE: _____ LICENSE # 50097



- LEGEND**
- BUILDING SLAB REMOVAL
 - ASPHALT SURFACE REMOVAL
 - CONCRETE SURFACE REMOVAL
 - SAWCUT AS REQUIRED



MATCH LINE - SHEET 5

MATCH LINE - SHEET 5

MATCH LINE - SHEET 8

MATCH LINE - SHEET 7

MATCH LINE - SHEET 7

PROJECT
 TWIN CITIES ASSEMBLY PLANT
 SAINT PAUL, MINNESOTA

PHASE 2
 SLAB AND PAVEMENT
 SURFACE REMOVAL PLAN

12/3/2012

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MATCH LINE - SHEET 4

MATCH LINE - SHEET 4

MATCH LINE - SHEET 8

MATCH LINE - SHEET 8

MATCH LINE - SHEET 6

MATCH LINE - SHEET 6

FORDLAND

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Civil Engineering, Surveying and Environmental Consulting

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KEY PLAN

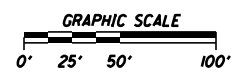
NO.	DATE	BY	DESCRIPTION
1	11/9/2012	LLH	SITE PLAN SUBMITTAL

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PRINT NAME: Jeffrey Lynn Snyder

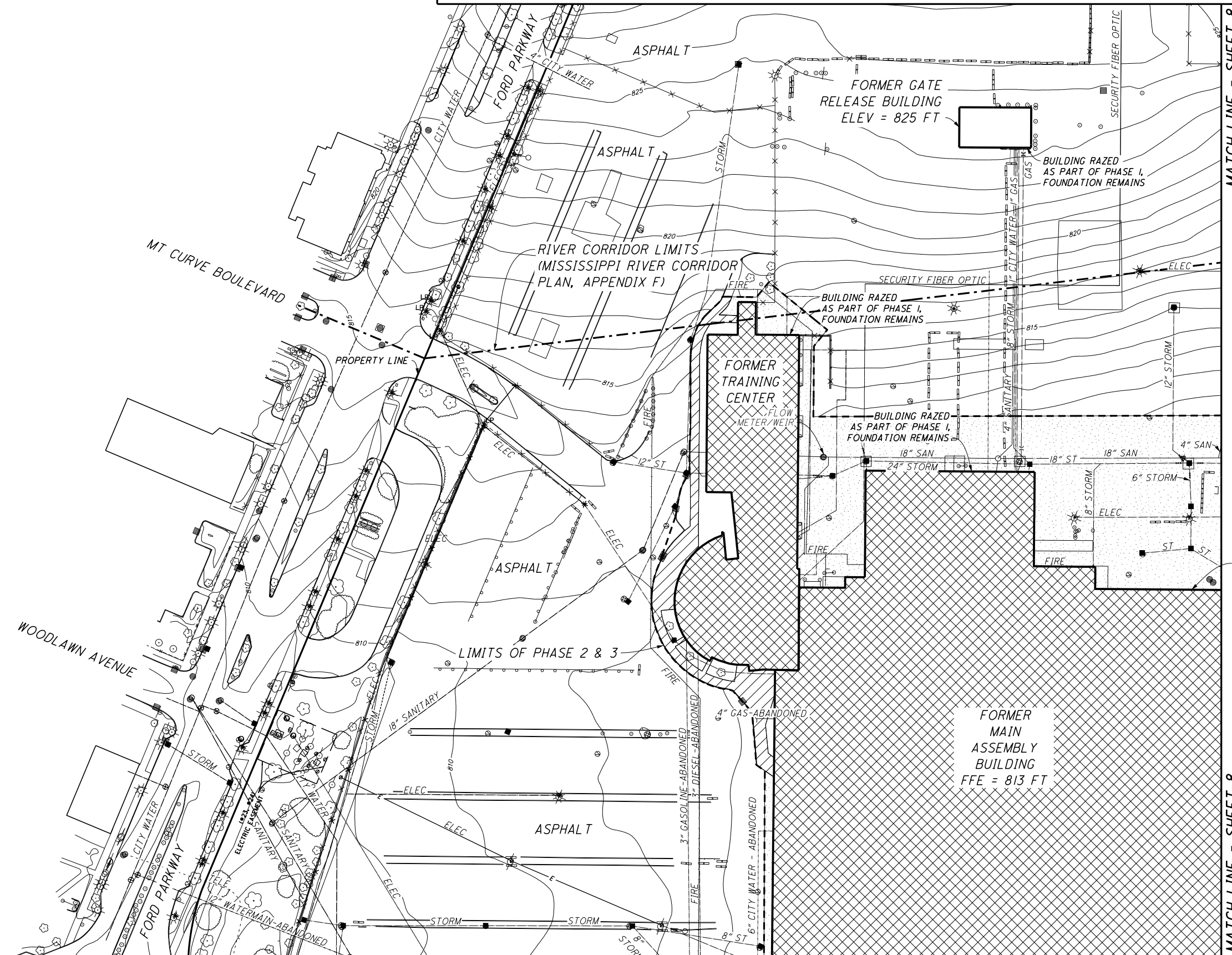
SIGNATURE: _____

DATE: _____ LICENSE # 50097



LEGEND

- BUILDING SLAB REMOVAL
- ASPHALT SURFACE REMOVAL
- CONCRETE SURFACE REMOVAL
- SAWCUT AS REQUIRED



PROJECT
TWIN CITIES ASSEMBLY PLANT
SAINT PAUL, MINNESOTA

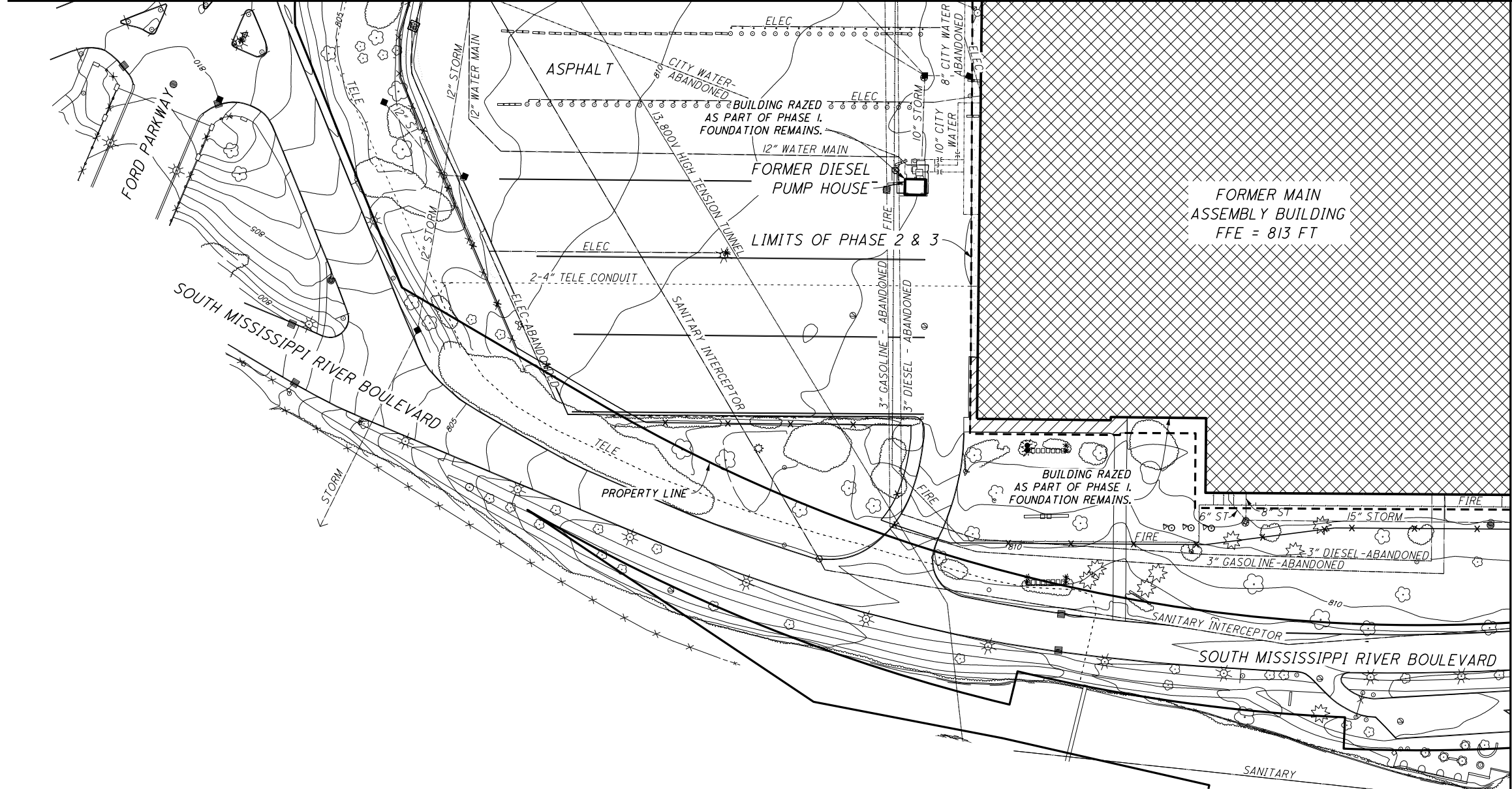
PHASE 2
SLAB AND PAVEMENT
SURFACE REMOVAL PLAN

5

79

MATCH LINE - SHEET 5

MATCH LINE - SHEET 5

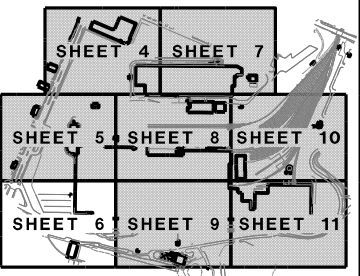


MATCH LINE - SHEET 9

MATCH LINE - SHEET 9

FORDLAND
The **Mannik & Smith** Group, Inc.
Civil Engineering, Surveying and Environmental Consulting

444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651.292.4409
tkds.com

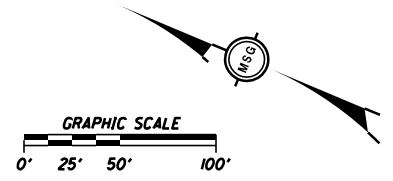


KEY PLAN

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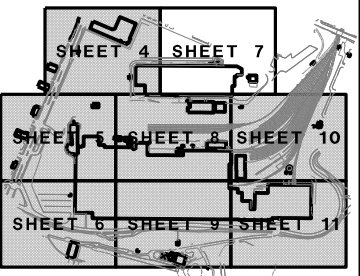
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SIGNATURE: _____
DATE: _____ LICENSE # 50097



- LEGEND**
- BUILDING SLAB REMOVAL
 - ASPHALT SURFACE REMOVAL
 - CONCRETE SURFACE REMOVAL
 - SAWCUT AS REQUIRED

PROJECT
TWIN CITIES ASSEMBLY PLANT
SAINT PAUL, MINNESOTA

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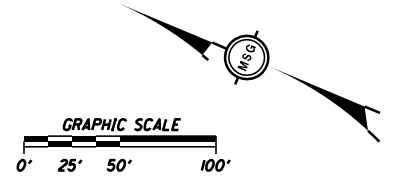






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 -  ASPHALT SURFACE REMOVAL
 -  CONCRETE SURFACE REMOVAL
 -  SAWCUT AS REQUIRED

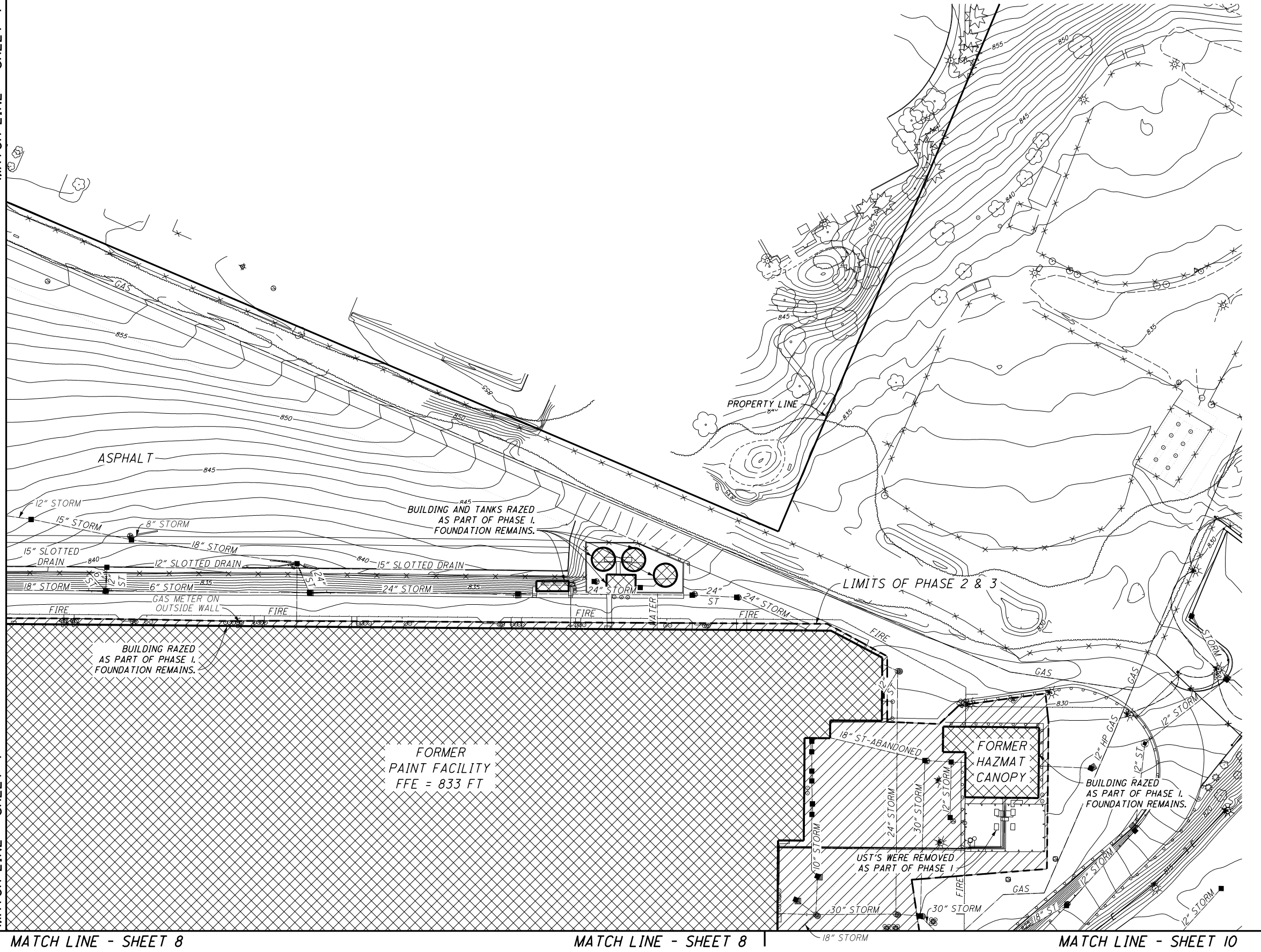
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MATCH LINE - SHEET 4

MATCH LINE - SHEET 8

MATCH LINE - SHEET 8

MATCH LINE - SHEET 10

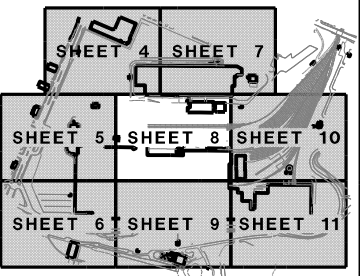


12/3/2012

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PROJECT
TWIN CITIES ASSEMBLY PLANT
SAINT PAUL, MINNESOTA

PHASE 2
SLAB AND PAVEMENT
SURFACE REMOVAL

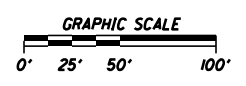






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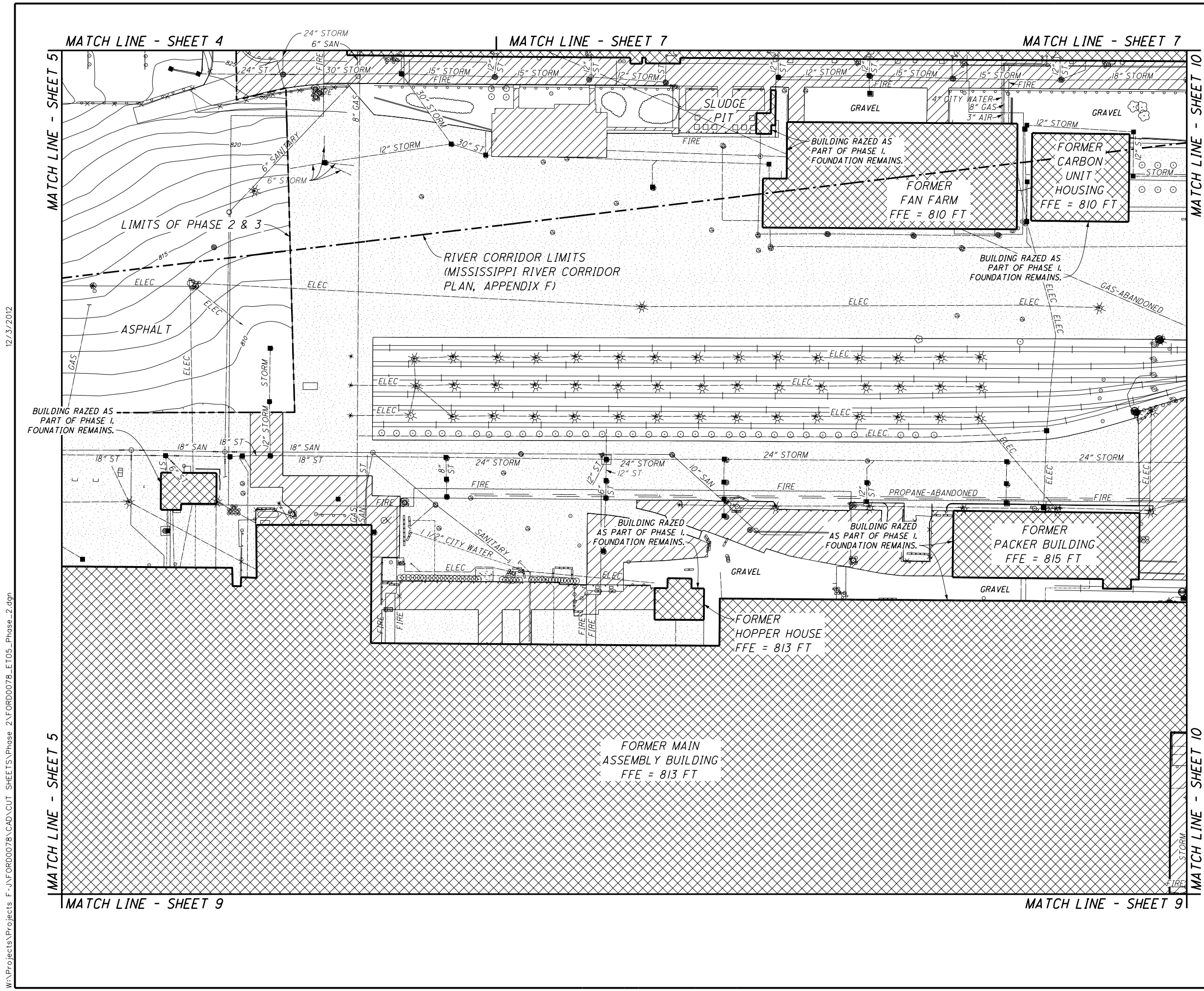
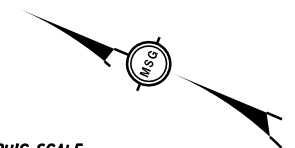
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- LEGEND**
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 -  ASPHALT SURFACE REMOVAL
 -  CONCRETE SURFACE REMOVAL
 -  SAWCUT AS REQUIRED



MATCH LINE - SHEET 4

MATCH LINE - SHEET 7

MATCH LINE - SHEET 7

MATCH LINE - SHEET 5

MATCH LINE - SHEET 10

MATCH LINE - SHEET 5

MATCH LINE - SHEET 10

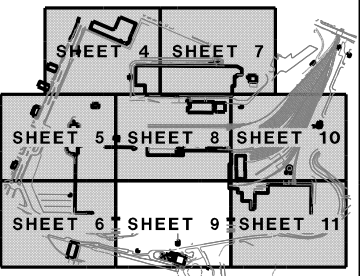
MATCH LINE - SHEET 9

MATCH LINE - SHEET 9

12/3/2012

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PROJECT
TWIN CITIES ASSEMBLY PLANT
SAINT PAUL, MINNESOTA

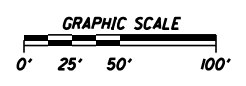
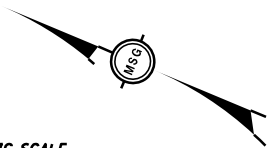


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

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LEGEND

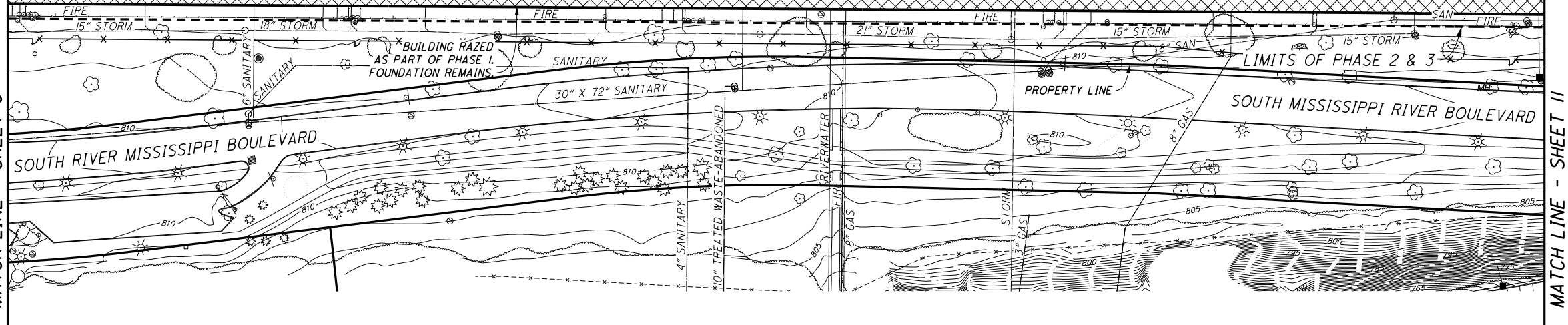
-  BUILDING SLAB REMOVAL
-  ASPHALT SURFACE REMOVAL
-  CONCRETE SURFACE REMOVAL
-  SAWCUT AS REQUIRED

MATCH LINE - SHEET 8

MATCH LINE - SHEET 6

MATCH LINE - SHEET 11

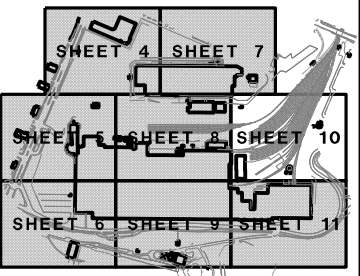
FORMER MAIN
ASSEMBLY BUILDING
FFE = 813 FT



MATCH LINE - SHEET 6

MATCH LINE - SHEET 11

PROJECT
TWIN CITIES ASSEMBLY PLANT
SAINT PAUL, MINNESOTA



KEY PLAN

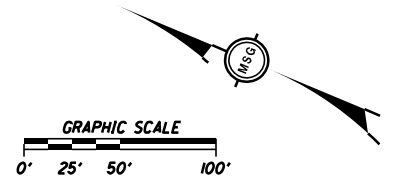
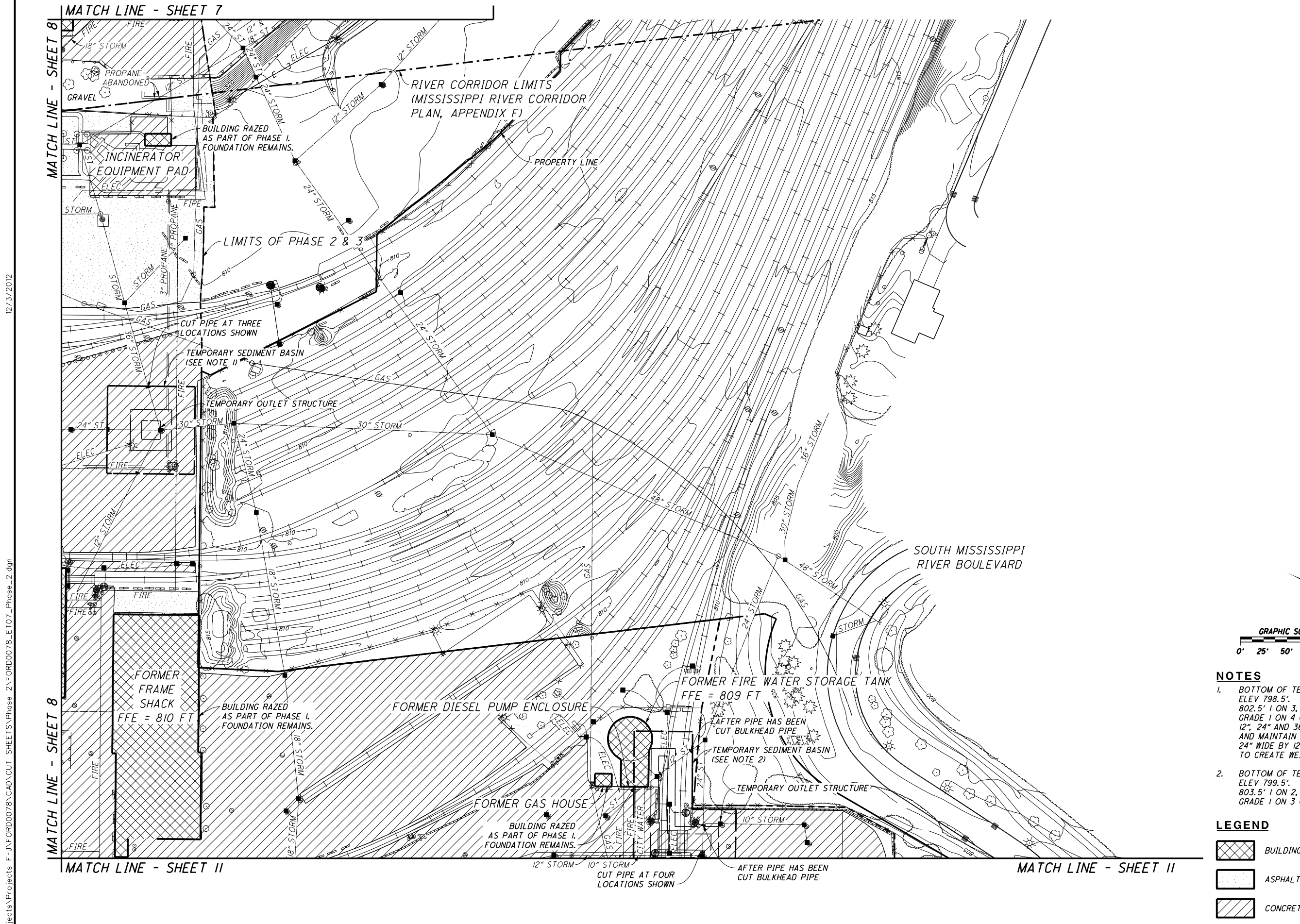
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PROJECT
TWIN CITIES ASSEMBLY PLANT
SAINT PAUL, MINNESOTA

PHASE 2
SLAB AND PAVEMENT
SURFACE REMOVAL



- NOTES**
- BOTTOM OF TEMPORARY SEDIMENT BASIN ELEV 798.5'. SLOPE FROM 798.5' TO 802.5' 1 ON 3, AND 802.5' TO EXISTING GRADE 1 ON 4 OR FLATTER. BULKHEAD 12", 24" AND 36" PIPES INSIDE STRUCTURE AND MAINTAIN 30" OUTLET PIPE. REMOVE 24" WIDE BY 12" HIGH SEGMENT OF STRUCTURE TO CREATE WEIR AT ELEV 802.5'.
 - BOTTOM OF TEMPORARY SEDIMENT BASIN ELEV 799.5'. SLOPE FROM 799.5' TO 803.5' 1 ON 2, AND 803.5' TO EXISTING GRADE 1 ON 3 OR FLATTER.

- LEGEND**
-  BUILDING SLAB REMOVAL
 -  ASPHALT SURFACE REMOVAL
 -  CONCRETE SURFACE REMOVAL
 -  SAWCUT AS REQUIRED

12/3/2012

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