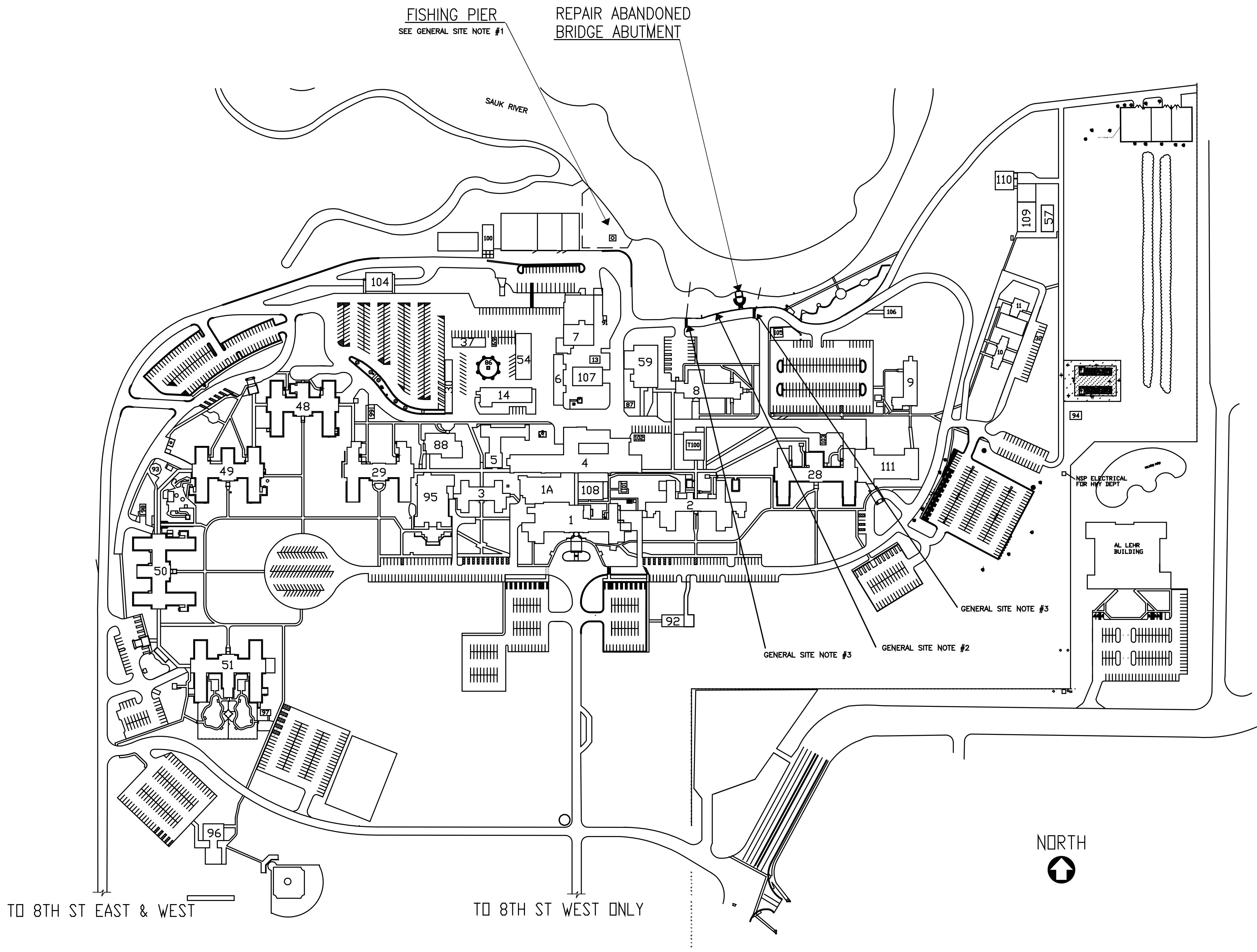


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one quarter inch = one foot  
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# Repair Abandoned Bridge Abutment Main Campus, St. Cloud, Minnesota



**GENERAL CONDITIONS**

All dimensions on drawings are approximate; Drawings are not to be scaled. It is the responsibility of the contractor to verify all field conditions and physical dimensions that influence the construction area.

It is recommended that contractors visit the proposed construction site prior to submitting their bids and they are encouraged to do so.

Contractor shall adhere strictly to State and Federal Occupational Safety and Health Administration ( OSHA ) Standards.

Contractor shall park only in the designated parking areas and are not to park on the lawn areas; the only exception is to load or unload supplies or equipment.

Contractor is responsible for the safeguarding of their tools and equipment. All tools and equipment are not to be left unattended and are to be secured at all times when the contractor is not present, or the construction site is not supervised by the contractor.

All VA property is to be safeguarded from damage. Any damaged VA property is to be restored to original condition prior to damage or replaced completely. This includes installation, labor, and procurement expenses.

All demolished material becomes the property and the responsibility of the contractor with the exception of specified items designated either in the plans or verbally requested by the COTR to be retained by the VA. Offsite disposal of the demolished items is the responsibility of the contractor.

Contractor must control demolition and construction dust from facility by erecting a dust barrier and ventilation with hepa filters. If venting to outside, the contractor will insure negative air pressure is maintained in encapsulated work area. When transporting debris, wet down sufficiently to prevent dust spreading.

If scaffolding is used, it must be used in accordance with OSHA regulations and is to be enclosed for the first eight feet above ground at end of each working day, until dismantled. Ladders must be removed and locked up at the end of each working day to prevent unauthorized persons from having access.

Clean all debris from construction site to the satisfaction of the CDR.

Contractor is responsible for erecting a barrier around work site to prevent patients, staff and visitors from entering construction site. This fence may be a plastic snow fence at open trench areas. All other areas require a metal chain-link fence be erected. Fencing to be 8' high, with top and bottom rail. Provide vehicle/equipment and materials swinging gate (lockable). Provide swinging mandoor gate with emergency egress capabilities. Coordinate construction materials and location of fence with CDR.

Contractor is responsible for repairing and replacing any damaged lawn. The restoration will be performed by a landscape contractor that regularly does sodding as part of their business. All damaged lawn will be overcut by 6' or more to accomodate full width rolls of sod. Top soil to be tilled and graded to a smooth matching grade of undamaged lawn. Sod to be thoroughly saturated with water upon placement. The contractor is responsible for watering new sod until project acceptance by the CDR.

Access to all buildings and parking areas must be maintained throughout the project.

Contractors are to coordinate all work with the Contracting Officers Representative. (C.O.R.)

- GENERAL SITE NOTES:**
- 1- Construction limits as defined and shown on Civil Drawings are to encompass project area, equipment and materials storage/staging, and contractor parking, no other areas will be made available to the contractor for these purposes during the completion of this project.
  - 2- Roadway to be protected by contractor, areas to receive heavy equipment traffic will be inspected before and after work completion.
  - 3- Roadway to be barricade locations when crane work is in progress. Roadway must be opened up every night. Crane to be parked within staging area nightly.

SHEET INDEX			
GENERAL:			
G1.0	PROJECT COVER SHEET	S2.0	EXISTING CONDITIONS - BRIDGE ABUTMENT
CIVIL:		S2.1	DEMOLITION PLAN - BRIDGE ABUTMENT
C1.0	EXISTING CONDITIONS, DEMOLITION AND SITE PLAN-BRIDGE ABUTMENT	S2.2	DEMOLITION SECTION - BRIDGE ABUTMENT
C1.1	GRADING AND EROSION CONTROL PLAN-BRIDGE ABUTMENT	S2.3	PILE LAYOUT PLAN - BRIDGE ABUTMENT
C1.2	TRAFFIC CONTROL PLAN - BRIDGE ABUTMENT	S2.4	LOWER LEVEL PLAN - BRIDGE ABUTMENT
		S2.5	UPPER LEVEL PLAN - BRIDGE ABUTMENT
		S2.6	SECTIONS - BRIDGE ABUTMENT
C2.0	EXISTING CONDITIONS, DEMOLITION AND SITE PLAN-FISHING PIER	S3.0	EXISTING CONDITIONS - FISHING PIER
C2.1	GRADING AND EROSION CONTROL PLAN-FISHING PIER	S3.1	DEMOLITION PLAN - FISHING PIER
C3.0	EROSION CONTROL/SWPPP DETAILS	S3.2	PILE LAYOUT AND FRAMING PLAN - FISHING PIER
C3.1	EROSION CONTROL/SWPPP DETAILS	S3.3	DETAILS - FISHING PIER
C3.2	EROSION CONTROL/SWPPP NARRATIVE		
ARCHITECTURAL:			
A1.0	GUARDRAIL DETAILING		
LANDSCAPE:			
LPI.0	LANDSCAPE PLANTING PLAN AND SCHEDULE		

100% CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

NO.	REVISION	DATE

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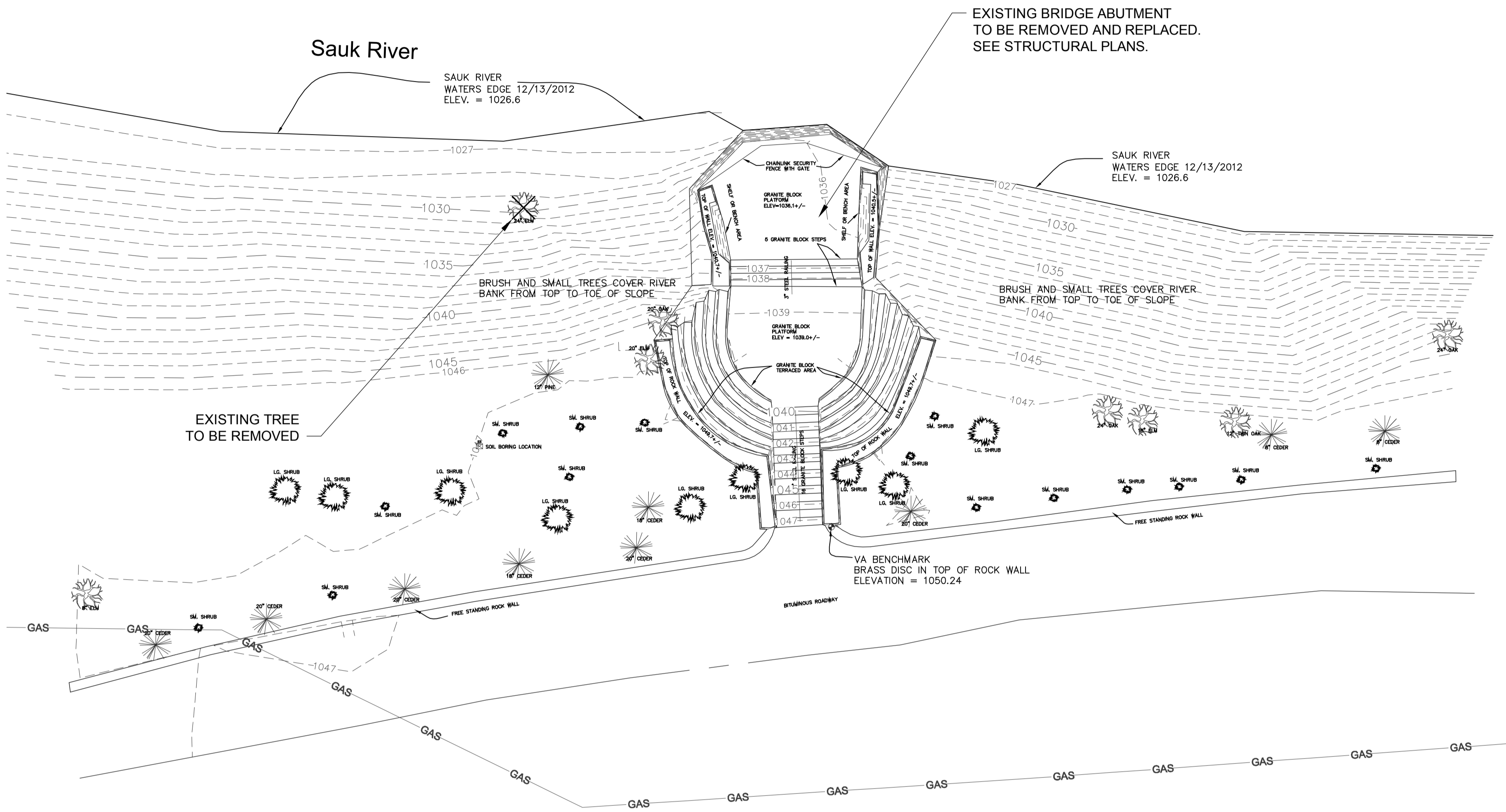
STAMP REQUIRED  
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA  
*Bryan L. Asche*  
BRYAN L. ASCHÉ, PE  
DATE: 02-01-2013  
REG. NO. MN 40088

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GENIE COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR PMO	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE	PROJECT COVER SHEET
PROJECT TITLE	REPAIR ABANDONED BRIDGE ABUTMENT
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: MEDICAL CENTER DIRECTOR	DATE:

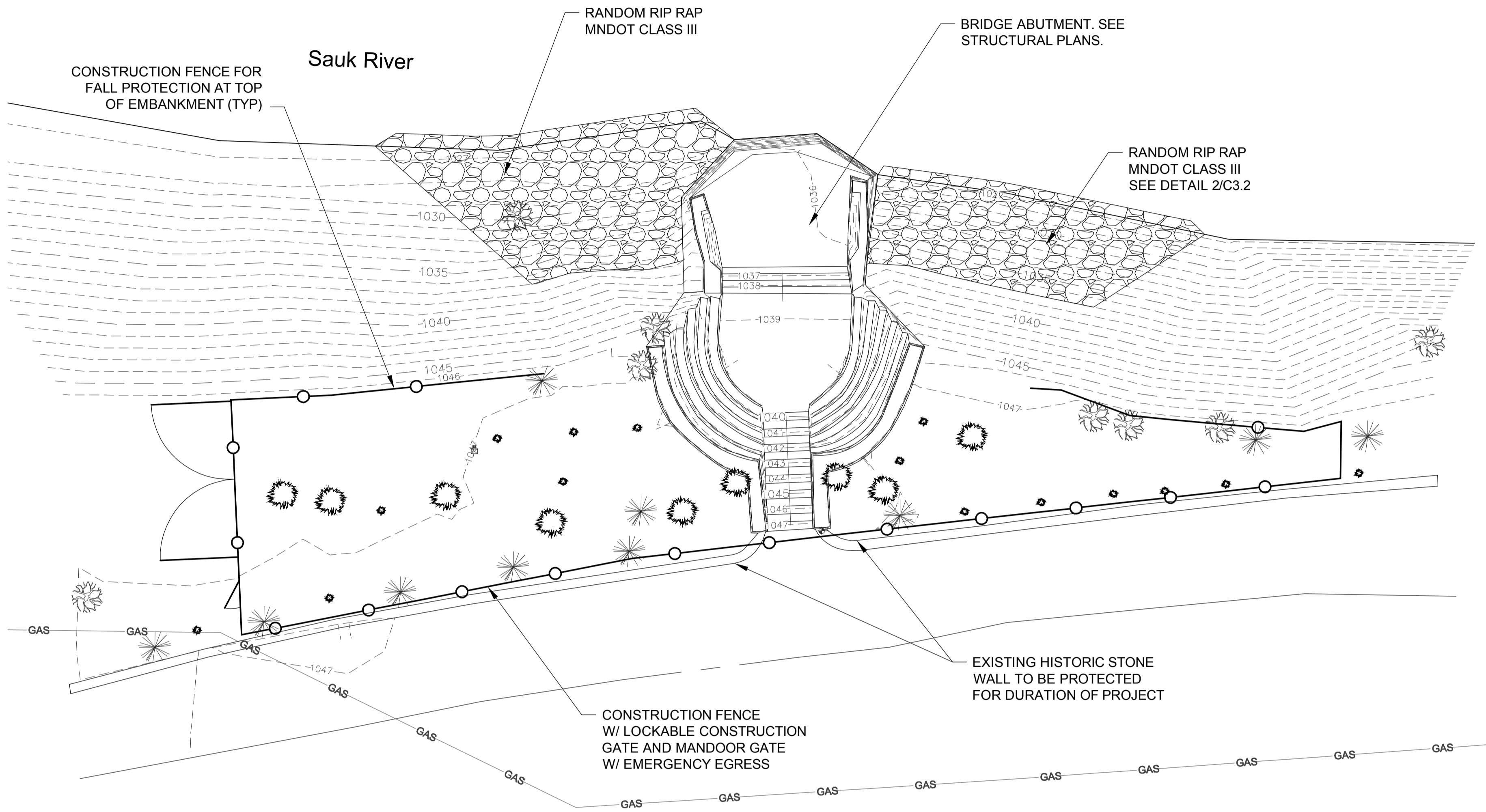
DATE	02-01-2013
PROJECT NO.	656-13-233
CAD FILE	11050N
DRAWING NO.	61.0
SHEET	1 of 2-3

EXISTING CONDITIONS AND DEMOLITION PLAN



- NOTES:
1. THE UNDERGROUND UTILITIES SHOWN HAVE NOT BEEN LOCATED FROM FIELD SURVEYED UTILITY MARKINGS. THE UTILITIES SHOWN ARE FROM EXISTING DRAWINGS SUPPLIED BY THE OWNER (VA). THE SURVEYOR MAKES NO GUARANTEE THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
  2. CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION. CALL GOPHER STATE ONE CALL: 1-800-252-1166.

PROPOSED SITE PLAN



- NOTES:
1. ORANGE CONSTRUCTION FENCE SHALL BE PROVIDED AROUND ENTIRE PERIMETER OF CONSTRUCTION AREA (SEE DETAIL 4/C3.2). CONTRACTOR SHALL COORDINATE ACCESS THROUGH CONSTRUCTION FENCE WITH DAILY CONSTRUCTION ACTIVITY. ALL ENTRANCES/OPENINGS SHALL BE ENCLOSED AT ALL TIMES AND MONITORED FOR PASSAGE OF EQUIPMENT.
  2. CONSTRUCTION LIMITS ARE TO ENCOMPASS PROJECT AREA, EQUIPMENT AND MATERIALS STORAGE/STAGING AND CONTRACTOR PARKING. NO OTHER AREAS WILL BE MADE AVAILABLE TO THE CONTRACTOR FOR THESE PURPOSES DURING THE COMPLETION OF THE PROJECT.
  3. ALL OPEN TRENCHES SHALL BE BACKFILLED AT THE END OF EACH WORKING DAY. NO OPEN TRENCHES ALLOWED OVERNIGHT.
  4. ALL EXCESS SOILS SHALL BE REMOVED FROM SITE.

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St. Cloud, MN 56301  
(320) 217-9557



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MINNESOTA.

GINA M. DALLINGER, PE  
DATE: 02-01-2013  
REG. NO.

DRAWING TITLE  
EXISTING CONDITIONS, DEMOLITION  
AND SITE PLAN - BRIDGE ABUTMENT

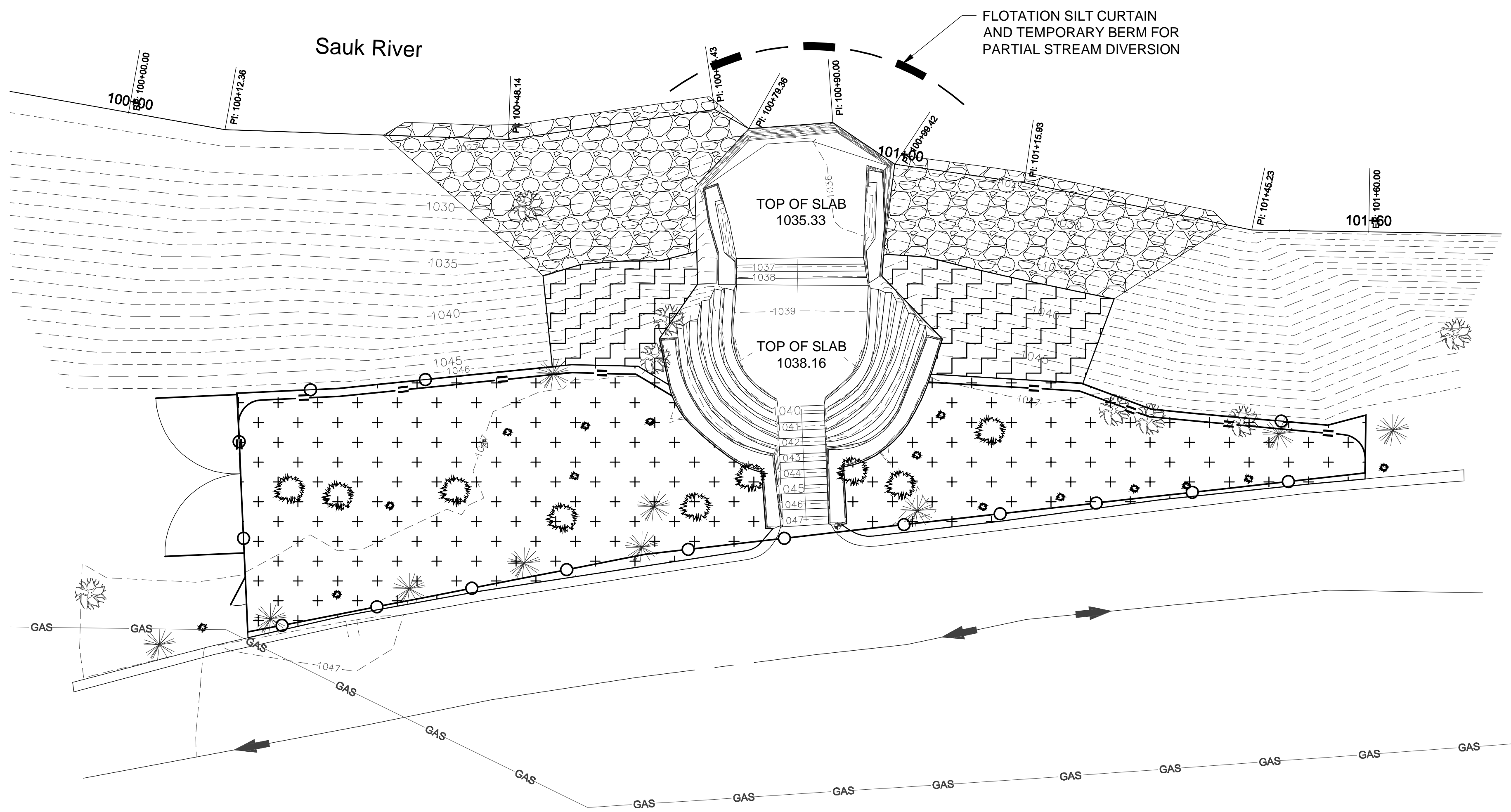
PROJECT TITLE REPAIR ABANDONED BRIDGE ABUTMENT	DATE 02.01.2013
BUILDING NO.	PROJ. SCALE AS NOTED
DRAWN BY D.J.F.	PROJECT NO. 656-13-233
CHECKED BY G.M.D.	SHEET NO. 2 OF 24
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO. C10



three inches = one foot  
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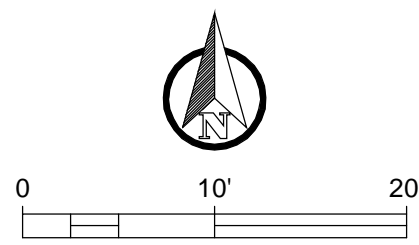
#### NOTES:

1. SALVAGE AND REPLACE EXISTING TOPSOIL. SCREEN PRIOR TO PLACEMENT AND FERTILIZE UPON STABILIZATION.
2. SILT FENCE SHALL BE PROVIDED ON ALL AREAS DOWN GRADIENT OF CONSTRUCTION ACTIVITY.
3. INLET PROTECTION SHALL BE PROVIDED ON ALL CATCH BASINS AND INLETS DOWN GRADIENT OF CONSTRUCTION ACTIVITY.
4. ALL DISTURBED AREAS SHALL BE RESTORED WITH 6" MINIMUM TOPSOIL AND STABILIZED WITH SEED, FERTILIZER, MULCH AND DISC ANCHOR, OR EROSION CONTROL BLANKET/MAT AS NECESSARY.
5. PROVIDE ROCK CONSTRUCTION ENTRANCE(S). IF SEDIMENT TRACKING SHOULD OCCUR, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SWEEP STREETS AS NECESSARY TO MINIMIZE SEDIMENT TRACKING.



#### LEGEND

- RANDOM RIP RAP, MNDOT CLASS III
- EROSION CONTROL BLANKET  
SEE SHEET LP.1.0
- SEEDDED/LANDSCAPED AREA  
SEE SHEET LP1.0
- SILT FENCE (AS REQUIRED)
- FLOW DIRECTION



#### SEQUENCE OF CONSTRUCTION:

1. INSTALL STABILIZED ROCK CONSTRUCTION ENTRANCE(S).
2. PROVIDE ORANGE CONSTRUCTION FENCE AROUND ENTIRE PERIMETER OF CONSTRUCTION AREA (SEE DETAIL 5/C502).
3. INSTALL SILT FENCE.
4. CONTACT OWNER'S REPRESENTATIVE TO INSPECT BMP'S. GENERAL CONTRACTOR SHALL HOLD A STORM WATER PRE-CONSTRUCTION MEETING WITH ALL HIS SUB-CONTRACTORS PRIOR TO CONSTRUCTION.
5. PROVIDE INLET PROTECTION ON INLETS DOWN GRADIENT OF CONSTRUCTION ACTIVITY.
6. BEGIN GRADING THE SITE. RECONSTRUCT BRIDGE ABUTMENT. PLACE RIP RAP.
7. TEMPORARILY SEED DISTURBED AREAS AND STABILIZE WITHIN 24 HOURS OF ACTIVELY BEING WORKED.
8. BACKFILL ALL TRENCHES IMMEDIATELY, AND AT THE END OF THE WORKING DAY. NO OPEN TRENCHES ALLOWED OVERNIGHT.
9. REINSTALL ANY DISTURBED INLET PROTECTION DEVICES.
10. COMPLETE FINAL GRADING WITH SALVAGED (SCREENED) TOPSOIL. FERTILIZE AND STABILIZE WITH SEED IMMEDIATELY AFTER COMPLETION OF GRADING.
11. ALL EROSION AND SEDIMENT CONTROL BMP'S TO BE APPROVED BY THE VA.
12. CONTRACTOR TO HAVE CERTIFIED PERSONNEL TO FOLLOW ALL SWPPP REQUIREMENTS.
13. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED, AND APPROVED BY THE VA.)
14. CONTRACTOR TO WORK WITH THE VA TO OBTAIN ALL REQUIRED PERMITS.
15. ALL DISTURBED AREAS SHALL BE RESTORED AND STABILIZED WITHIN 7 DAYS OF CONSTRUCTION.

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ESC TIME SCHEDULE				
NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR PROJECT SCHEDULE				
CONSTRUCTION SEQUENCE (MONTH)				
TEMPORARY CONTROL MEASURES				
STRIP AND STOCKPILE TOPSOIL				
ROUGH GRADE SEDIMENT CONTROL				
SITE CONSTRUCTION				
FINISH GRADING				
TURF ESTABLISHMENT				

#### OWNER:

BARRY BAHL (OR DESIGNEE)  
ST. CLOUD VA HEALTHCARE SYSTEM  
4801 VETERANS DRIVE  
ST. CLOUD, MN 56303

#### GENERAL CONTRACTOR:

#### CONTRACTOR SWPPP QUALIFIED PERSONNEL:

#### EROSION CONTROL QUANTITIES:

SEED, FERTILIZE, MULCH AND DISC ANCHOR	305 SY
SILT FENCE	125 LF
FLOTATION SILT CURTAIN	40 LF
ROCK CONSTRUCTION ENTRANCE	85 SY
ORANGE CONSTRUCTION FENCE	260 LF
RANDOM RIP RAP, MNDOT CLASS III	65 CY
EROSION CONTROL BLANKET	65 SY



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DATE: 02-01-2013

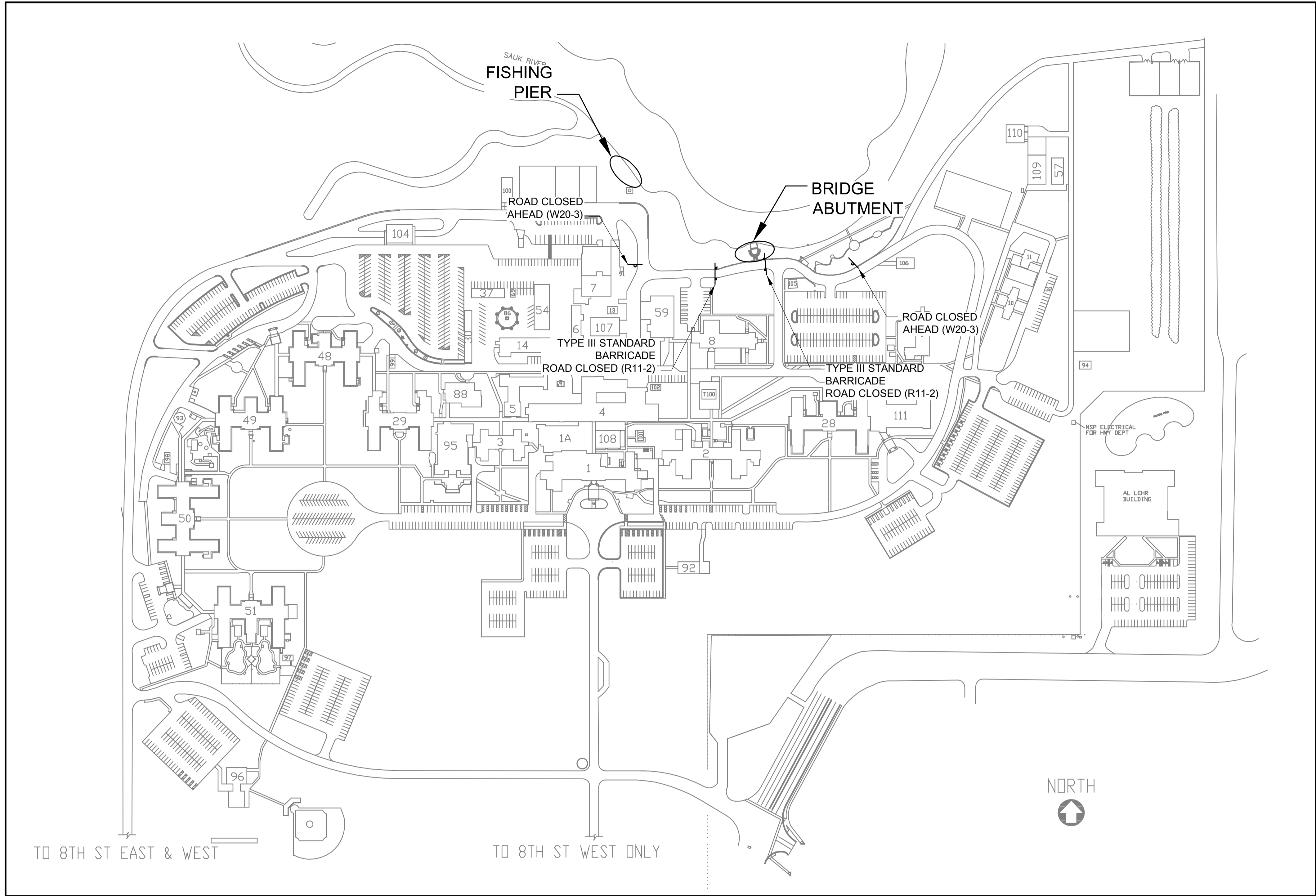
DRAWING TITLE  
GRADING AND EROSION CONTROL  
PLAN - BRIDGE ABUTMENT

PROJECT TITLE  
REPAIR ABANDONED  
BRIDGE ABUTMENT

DATE  
02.01.2013  
PROF SCALE  
AS NOTED  
PROJECT NO.  
656-13-233  
SHEET NO.  
CL1  
DWG. 3 OF 24



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- TRAFFIC CONTROL NOTES:**
1. CONTRACTOR TO COORDINATE TRAFFIC CONTROL AND ROAD CLOSURE WITH THE CONTRACTING OFFICER REPRESENTATIVE (COR). CONTRACTOR MUST PROVIDE A TRAFFIC CONTROL AND DETOUR PLAN TO THE VA. ALL EMERGENCY SERVICES MUST BE NOTIFIED.
  2. ROAD CLOSURE FOR WORK ON THE BRIDGE ABUTMENT SHALL NOT EXCEED 5 DAYS IN DURATION.
  3. ROAD MAY BE CLOSED TO TRAFFIC BETWEEN THE HOURS OF 8:00AM AND 4:30PM.
  4. ROAD MUST BE REOPENED TO TRAFFIC AT THE END OF EACH DAY (4:30PM).
  5. ALL VEHICLES, EQUIPMENT, MATERIALS AND DEBRIS WITHIN THE ROADWAY ARE TO BE REMOVED AT THE END OF EACH DAY (4:30PM).
  6. ACCESS TO THE WORK AREA SHALL BE RESTRICTED THROUGH THE USE OF CONSTRUCTION FENCE.
  7. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ANY WORK AREAS NEAR TRAFFIC IN ACCORDANCE WITH THE MN MUTCD.
  8. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN TRAFFIC CONTROL DEVICES. FIELD CONDITIONS MAY REQUIRE MODIFICATIONS OF THIS LAYOUT AS DEEMED NECESSARY BY THE COR.

100% CD'S - FOR CONSTRUCTION

No		REVISION		DATE	
VA FORM 08-6231					



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LAND SURVEYING

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BUILDING NO. 110		DESIGNED BY D.J.F.		DRAWN G.M.D.		SHEET NO. CL2	
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303		DATE 02-01-2013		SHEET NO. CL2		SHEET NO. CL2	



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