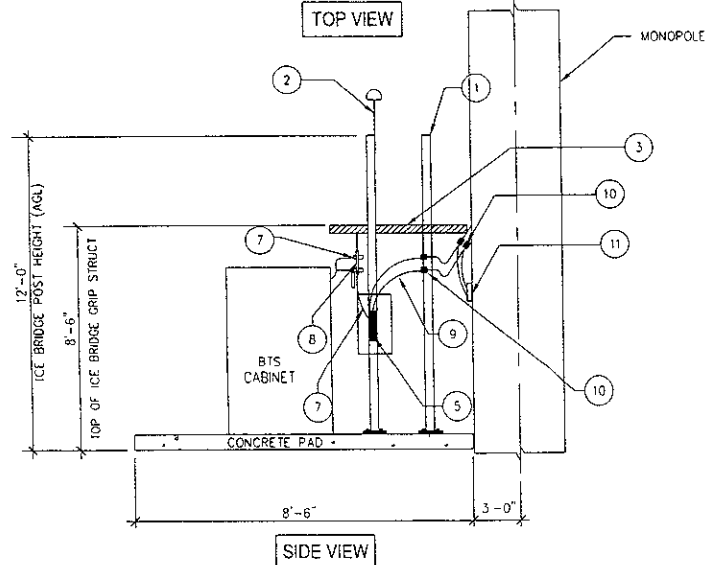


OUTDOOR EQUIPMENT SITE  
 TOP OF ICE BRIDGE 12'-0" AGL  
 COAX Z-BRACKETS 7'-0" AGL



TYPICAL LAYOUT - SEE  
 COMPOUND PLAN FOR EXACT  
 EQUIPMENT LAYOUT

- 1 ICE BRIDGE POST (TYP 2)
- 2 LMU ANTENNA (GPS) IF APPLICABLE PER SCOPE OF WORK
- 3 24" WIDE, GRATED ICE BRIDGE FIELD CUT TO REQ'D LENGTH CUT END EVEN WITH BTS/EDGE OF CONCRETE PAD
- 4 COAX SUPPORT BRACKET, UNIVERSAL Z-BRACKET/SINGLE LEVEL
- 5 ISOLATED GROUND BAR INSTALLED VERTICALLY ON ICE BRIDGE POST
- 6 CONNECTORS TO BE COVERED BY ICE BRIDGE
- 7 GROUND LEAD TO ITEM GROUND BAR (TYP 2/COAX)
- 8 ARRESTOR TRAPEZE KIT (AT-K306-U)
- 9 GROUND LEAD TO ITEM GROUND BAR (TYP 1/COAX)
- 10 COAX GROUND KIT
- 11 GROUND BUSS BAR

1 OUTDOOR EQUIPMENT/ICE BRIDGE ELEVATION (OUTDOOR) - TYPICAL  
 SCALE NONE

**Landmark**  
 ENGINEERING GROUP  
 ALL ASPECTS OF THE CITY OF SIOUX FALLS, SD 57104  
 CIVIL ENGINEERING AND LAND SURVEYING  
 DESIGN FOR REGISTRATION NUMBER 104-00016

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAND SURVEYING ACT OF SOUTH DAKOTA

*Michael R Shamsie*  
 MICHAEL R SHAMSIE DATE: 03/11/2010  
 MY LICENSE RENEWAL DATE IS: 03/31/2010

REGISTERED PROFESSIONAL ENGINEER  
 REG NO. 9526  
 MICHAEL R SHAMSIE  
 SOUTH DAKOTA

PROJECT MANAGER

**i wireless**  
 402 NEW ORLEANS DRIVE  
 SIOUX FALLS, SD 57104

APPLICANT/OWNER

SWS LLC  
 120 EAST 1st STREET  
 PO BOX 48  
 KIMBALL SD 57355

DRAWN BY: CHK BY: APV BY:

KJM BCH MRS

SITE NAME

GOLDEN WEST  
 MONOPOLE

WIRELESS SITE NUMBER

SD0255

SUBMITTALS


REV DATE DESCRIPTION

DRAWING TITLE

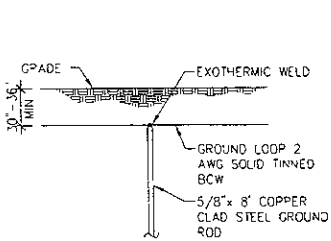
ICEBRIDGE AND  
 DETAILS

DRAWING NUMBER

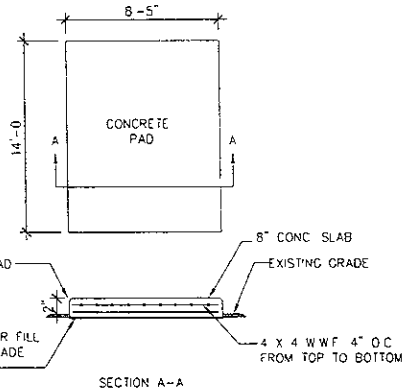
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JOB NUMBER

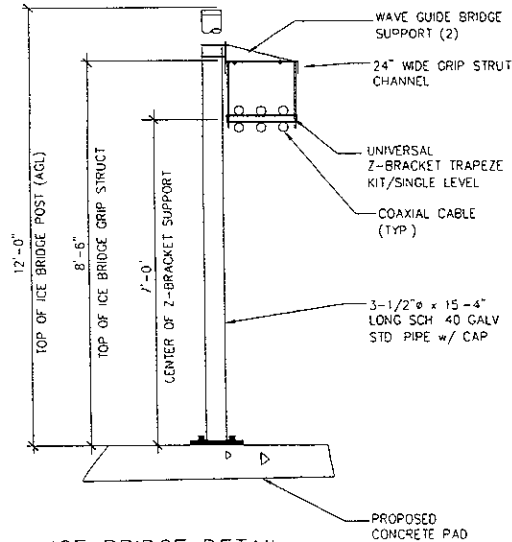
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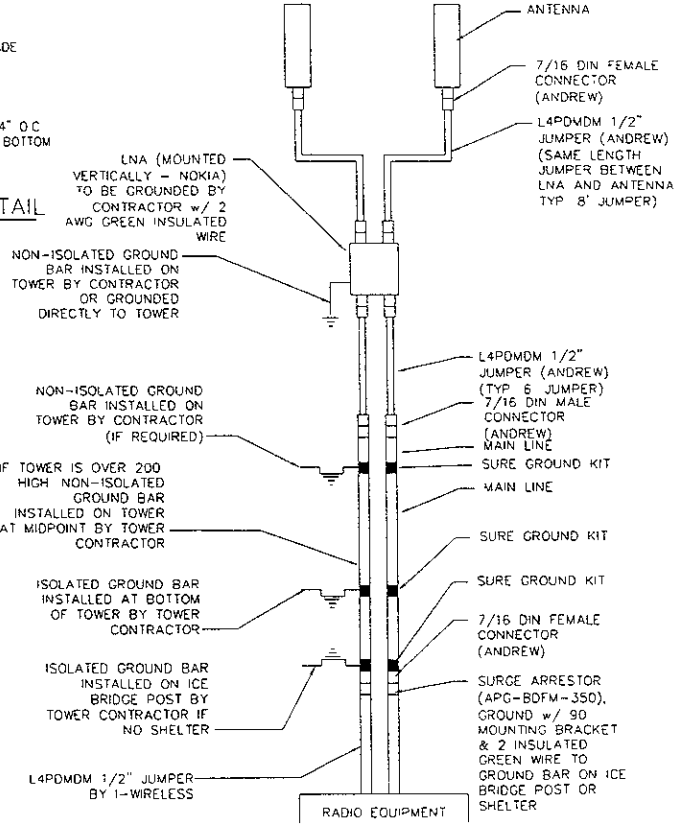
1 GROUND ROD  
SCALE NONE




2 CONCRETE EQUIPMENT PAD AND DETAIL  
NOT TO SCALE



3 ICE BRIDGE DETAIL  
SCALE NONE 1/16\"/>



4 ANTENNA CABLE AND GROUNDING SCHEMATIC  
SCALE NONE



**Landmark**  
ENGINEERING AND LAND SURVEYING  
435 AVENUE OF THE ARTS | 2ND FLOOR, S.W. | SUITE 200  
(701) 592-1000 | FAX (701) 592-1002  
CIVIL ENGINEERING AND LAND SURVEYING  
DESIGNER FIRM REGISTRATION NUMBER 184-00057

HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT 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 SOUTH DAKOTA

*Michael R. Shamsie*  
MICHAEL R. SHAMSIE DATE  
LICENSE RENEWAL DATE IS MARCH 31 2010


REGISTERED PROFESSIONAL ENGINEER

REG. NO. 9526

MICHAEL R. SHAMSIE

SOUTH DAKOTA

PROJECT MANAGER: \_\_\_\_\_



APPLICANT/OWNER

SWS LLC  
20 EAST 1st STREET  
PO BOX 48  
KIMBALL SD 57355

DRAWN BY: CHK BY: APP BY:

KJM	BCH	MRS
-----	-----	-----

SITE NAME

GOLDEN WEST MONOPOLE

WIRELESS SITE NUMBER

SD0255

SUBMITTALS

REV	DATE	DESCRIPTION

DRAWING TITLE

DETAILS

DRAWING NUMBER

A-5

JOB NUMBER

01-08-687