CONSTRUCTION PLANS
FOR
WHITE LAKE ELECTRIC
FISH BARRIER PROJECT

SE 1/4 SECTION 6, T. 102 N., R. 21 W.
FREEBORN COUNTY – NEAR ALBERT LEA, MN

DIRECTIONS TO SITE:
FROM I-90 NORTH OF ALBERT LEA, TAKE HWY 13 EXIT
SOUTH APPROXIMATELY 2.25 MILES, SITE IS
APPROXIMATELY 700 FEET NORTH OF THE INTERSECTION
OF HWY 13 AND SUNSET STREET.

CONTACT INFORMATION:
G-CUBED ENGINEERING
GEOFF GRIFFIN 507-887-1666 Ext# 102
SHELL ROCK RIVER WATERSHED DISTRICT
BRETT BEHNKE 507-377-5785
ALIANT ENERGY
JOHN KALIS 507-379-1221
SMITH-ROOT, INC. (BARRIER MANUFACTURER)
JEFF SMITH 360-573-0202

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Sheet 2 SITE PLAN
Sheet 3 BUILDING PAD DETAILS/ACCESS ROAD DETAILS
Sheet 4 CULVERT BARRIER DETAILS/TRASH RACK DETAILS
Sheet 5 BUILDING DETAILS

WHITE LAKE
ELECTRIC FISH BARRIER

TITLE SHEET

G-Cubed Engineering
14079 Hwy 62 S.E.
Chaska, MN 55318

ENGINEERING SURVEYING PLANNING
Phone: 507-377-1666
Fax: 507-377-1648

DESIGNED : SS
DRAWN : MB
CHECKED : DD
RELEASE FOR REV: 05-10-20
REV: 05-10-20

DATE: 05-26-26

FREEBORN COUNTY
SHEET LOCATION
"NOT TO SCALE"
PERIMETER GROUND NOTES

Before pouring the concrete slab, drive on 6" ground past into the earth. Lay 4# copper wire in bottom of trench, make smooth curves at the corner no smaller than 2" radius. Make a complete loop, gather both ends of the ground wire together, and clamp them to the grounding post.

NOTES:
1) Consult with Smith-Roof for the proper placement of electrical conduits prior to pouring concrete pad.
2) Smith-Roof will supply all internal barrier components. Electrical contractor is responsible for providing and installing the conduits, electrical service, lighting, circuit breakers, heating/cooling units, and phone line.
3) Electrical contractor shall be responsible for connecting all conduits to the building, generator and barrier controls.

CONCRETE PAD FOR EQUIPMENT BUILDING

THE ABOVE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SMITH-ROOF, INC. THEY ARE NOT TO BE REPRODUCED IN ANY WAY OR USED AS A BASIS OF MANUFACTURE OR SALE WITHOUT PRIOR WRITTEN CONSENT BY SMITH-ROOF, INC.

CONCRETE PAD SHALL BE 6' x 10'

INSTALL BOLTS TO SECURE PROPRIETARY PART TO PAD.
COORDINATE BOLT LOCATION WITH TANK PROVIDER.

CONCRETE PAD FOR PROPANE TANK & GENERATOR

SECTION VIEW

"NOT TO SCALE"

CONDUIT STUBOUT LOCATIONS

NOT TO SCALE

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