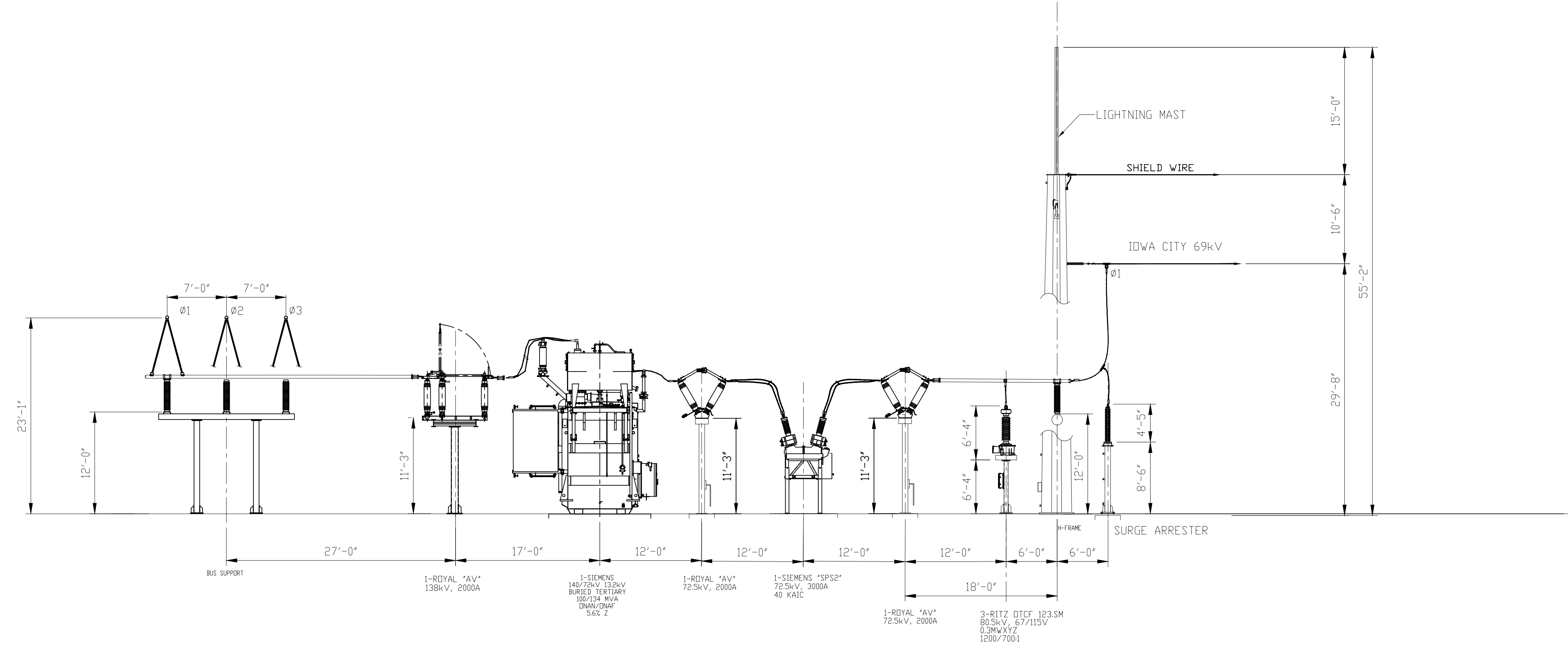
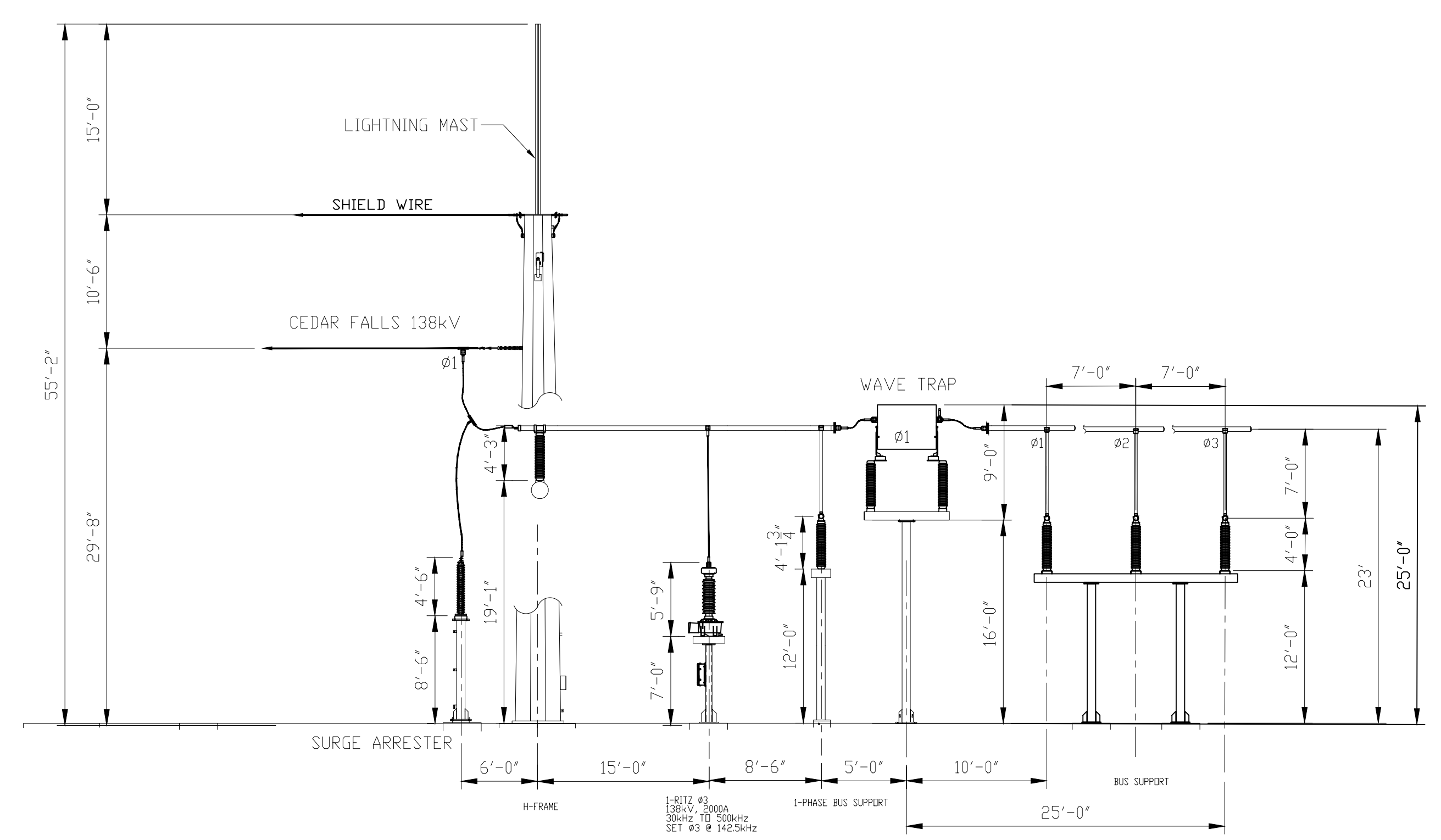


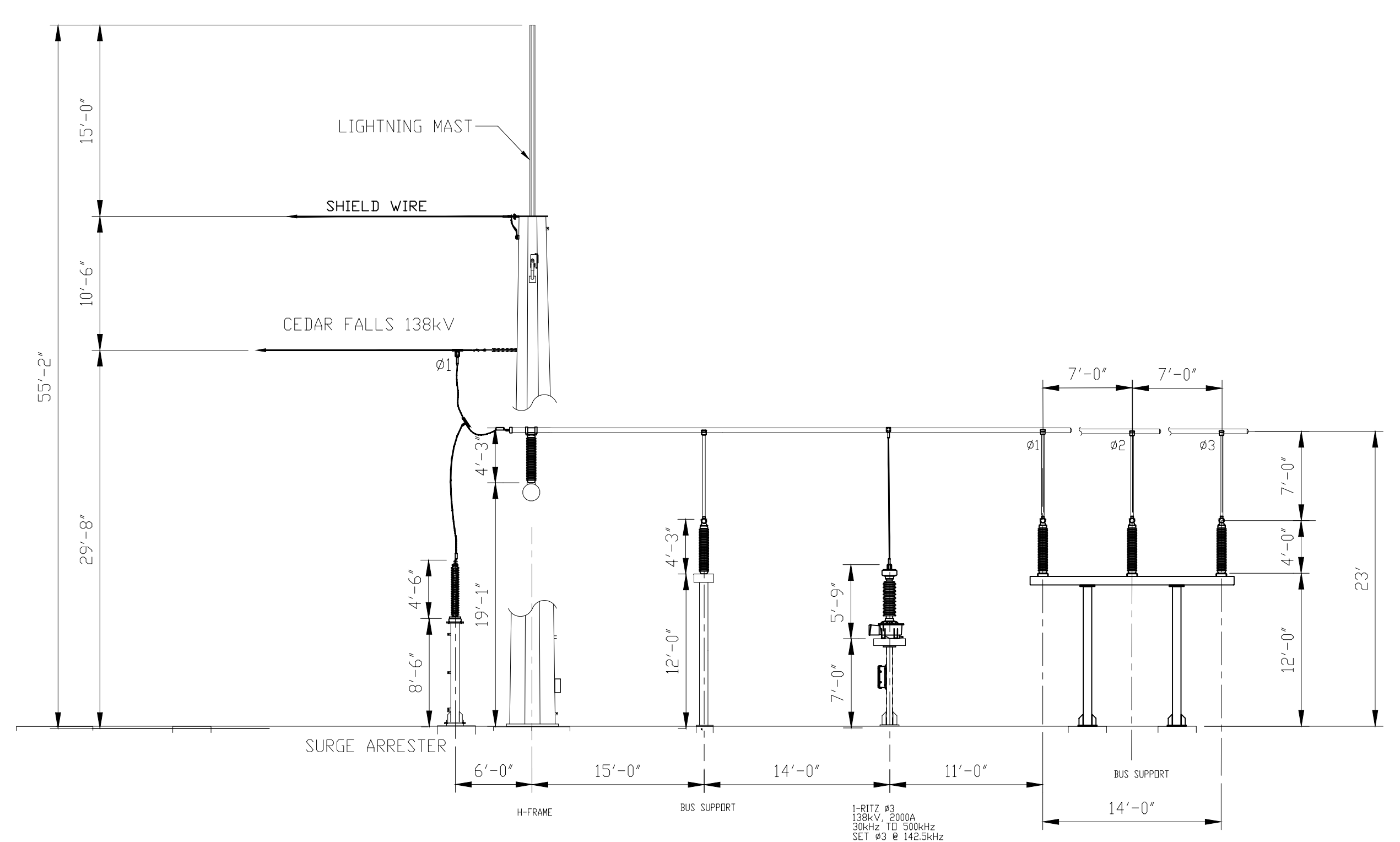
SECTION VIEW A-A



SECTION VIEW B-B




SECTION VIEW C-C



SECTION VIEW D-D

no.	date	by	revision
0	11/8/19	KZ, JF, BH	Initial Design



**BURNS
MCDONNELL**

CYCLONE SUBSTATION
138kV SUBSTATION
SECTIONS
SHEET 1

Public Works Project No. contract
SRDESIGN-1415

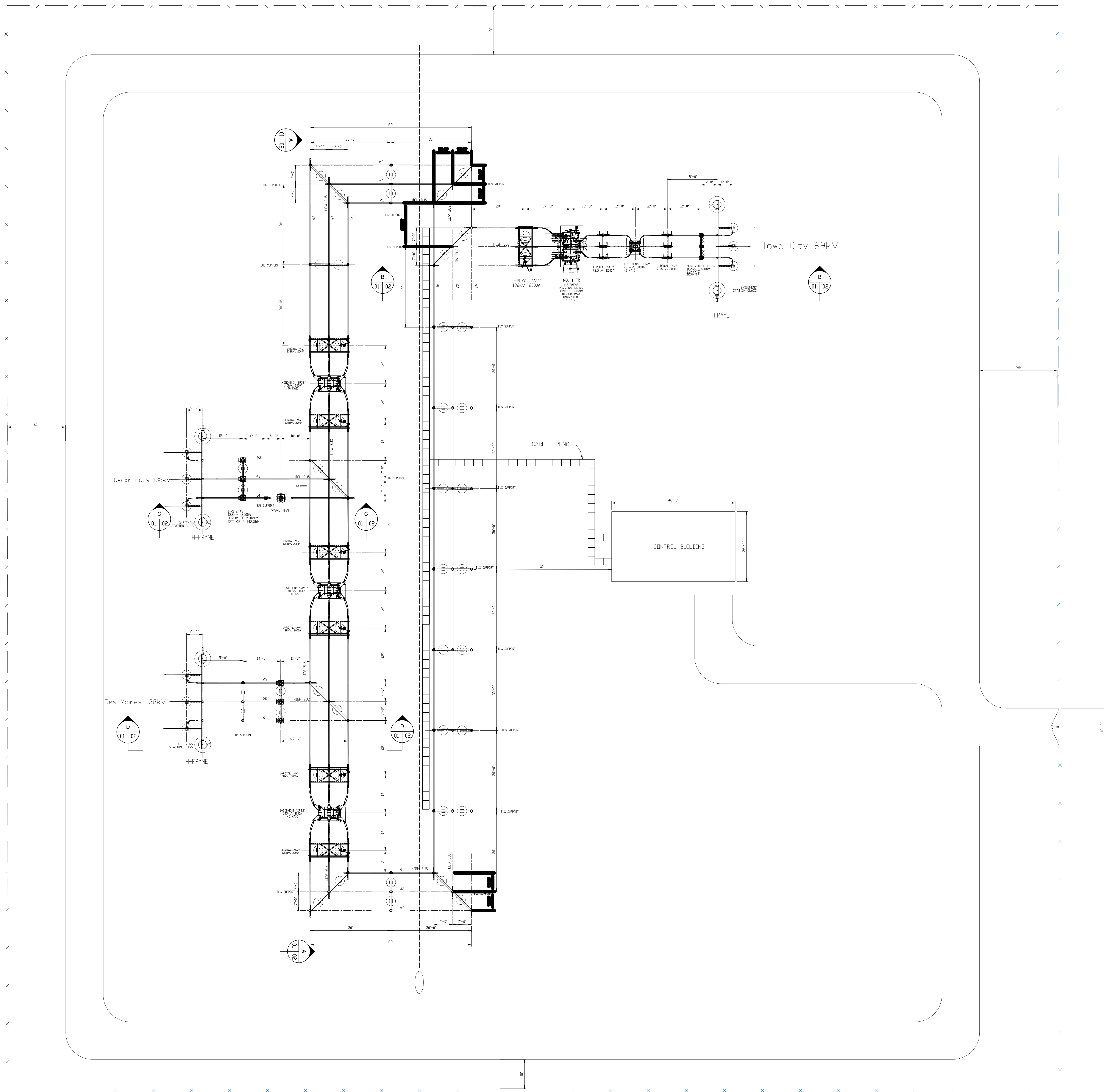
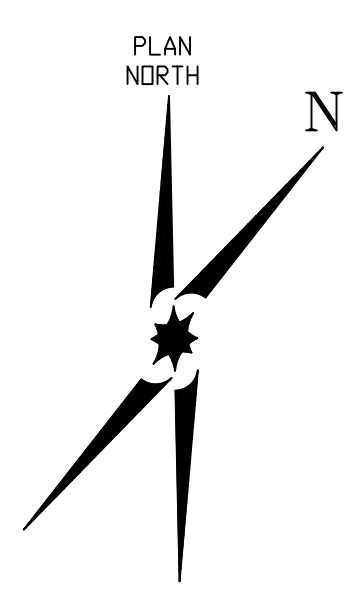
DRAWING No. rev.
IASTATE-01-02 D

File IASTATE-01-02.DWG

Date: September 30, 2019

Designed: _____

Checked: _____



- LEGEND**
- SWITCH OPERATING SHAFT LOCATION
 - MOTOR OPERATOR LOCATION

ELECTRICAL DESIGN CLEARANCES		
MAX. SYSTEM VOLTAGE	DESIGN #1-G	DESIGN #2-Ø
138KV	50'	62'
69KV		
Ø-BL		

no.	date	by	revision
0	11/8/19	RH	Initial Design



Date: November 8, 2019
 Designed: ISU Senior Design
 Checked: XXX

CYCLONE SUBSTATION
 138KV SUBSTATION
 PLAN VIEW

Public Works Project No. contract
 SRDESIGN-1415

DRAWING No. rev.
IASTATE-01-01 G

File:IASTATE-01-01.DWG