



Purchasing Division

ADDENDUM NO. 1

DATE: February 1, 2016
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: RFP-4166-16-DH Design Services for City of Grand Junction Water Treatment Plant Filter Upgrade Project

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

Notes and clarifications from January 27, 2016 Site Visit Meeting:

1. The cost proposal will be submitted as a separate submittal package.
2. The City will make contact with the CDPHE to make them aware of the proposed project.
3. Current capacity of the four existing filters is 4 MGD/filter
4. The existing backwash pumps will remain in service.
5. As-constructed plans of the water Treatment Plant are accessible from the City GIS Utility map. The following link will take you to the water plant. Click on City Water in the map legend, then click on one of the water lines leaving the plant. Click on the yellow 'click here for more info', that is in the information box, and that will get you to the as-constructed drawings.
http://arcgis-fs.ci.grandjct.co.us/internal_gis_map/index.html?map=utilitiesmap&extent=710938,4323742,711224,4323883
6. Backwash pumps are VFD driven.
7. Surface water wash piping will need to be removed with this project.
8. Filter troughs have been modified from those shown on the as-constructed plans.
9. Concrete in the filter bays appears to be in good condition.
10. The boxes at the end of the filter bays are vents to the clear well.
11. This is a voluntary project on the part of the City. There is no requirement for this upgrade from CDPHE.
12. It is anticipated that a new power supply will need to be provided for the blowers.
13. The new equipment should be configured with the expectation of having SCADA upgrade in the next few years.
There is a one line drawing on sheet 30 of the original as-constructed drawings.
14. Q. Does the WTP currently utilize both backwash pumps concurrently?

A. They do not.

15. Q. Would it be OK for me to call you directly to discuss the request for planning services? At the same time, I would like to find out if there are other projects planned for 2016 where we might assist the City.

A. We do not have a full scope of services put together on the facilities studies for the plants. We would prefer not to discuss this particular project until we have the scope tighter.

16. See attached Site Visit Sign In Sheet.

17. Q. Does the City desire to install 2 blowers (1 for redundancy)?

A. We would expect that two blowers would be needed for redundancy.

18. Fee proposal shall be submitted electronically, as per the instructions stated in Section 1.6 and 5.0 "Submission". However, the fee proposal shall be in a separate file unto itself, marked "Fee Proposal", as the fees will not be viewed until a final selection has been made.

19. See attached one line diagrams is for the electrical service to the plant that was upgraded in 2013.


20. Q. Is a new service, meter and transformer expected to be required with this project? Can the existing MCC be used?

A. A new electrical service may be needed to provide power for the blower(s). There is an existing 400 amp service in place.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado

Solicitation Name:	Design Services for City of GJ Water Treatment Plant Filter Upgrade
Solicitation #:	RFP-4166-16-DH
Date:	1/27/2016
Time:	1:00pm

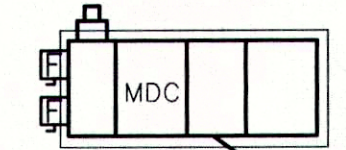
SIGN-IN SHEET



	Company Name	Representative Name	Phone	Email
1	JVA	Adam Racette	517-282-3656	aracette@jva.jva.com
2	JVA	Cooper Best	970-987-0354	cbest@jva.jva.com
3	OLSSON ASSOCIATES	WYATT POPP	970 263 7800	wpopp@OLSSONASSOCIATES.COM
4	BROWN & HILL Eng & Controls	Charles PAGE	303-335-5484	cpage@brownshilleng.com
5	TETRA TECH IMR	TOM SAXTON	970-639-2555	tom.saxton@tetratech.com
6	AECOM	Joshua Shackelford	970-456-9334	joshua.shackelford@aecom.com
7	AECOM	David Slack	970-379-4246	david.d.slack@aecom.com
8	SMA	Eric Kuch	970-901-8568	eric.kuch@soudermiller.com
9	SGM	Ryan Loebach	970-284-9069	ryanle@sgm-inc.com
10				
11				
12				
13				
14				

RAW WATER CONTROL VAULT

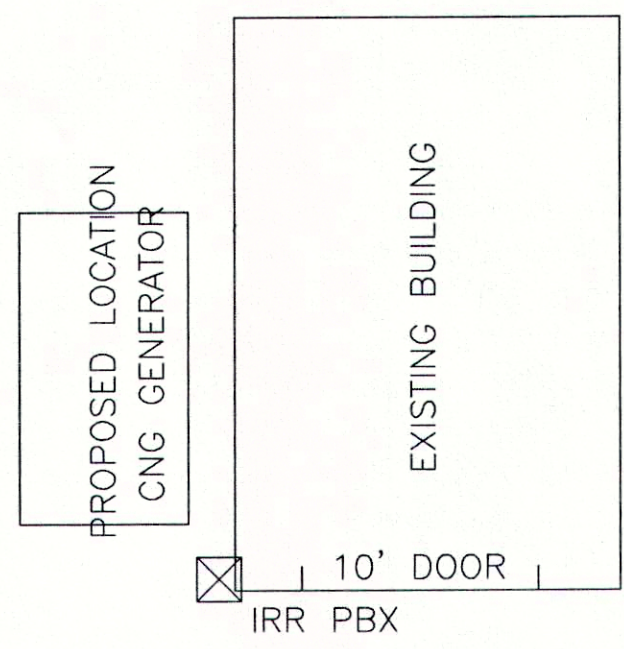
X-FORMER
PROPOSED LOCATION



CONTRACTOR IS TO VERIFY ALL EXISTING UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION.

~YARD~

~YARD~

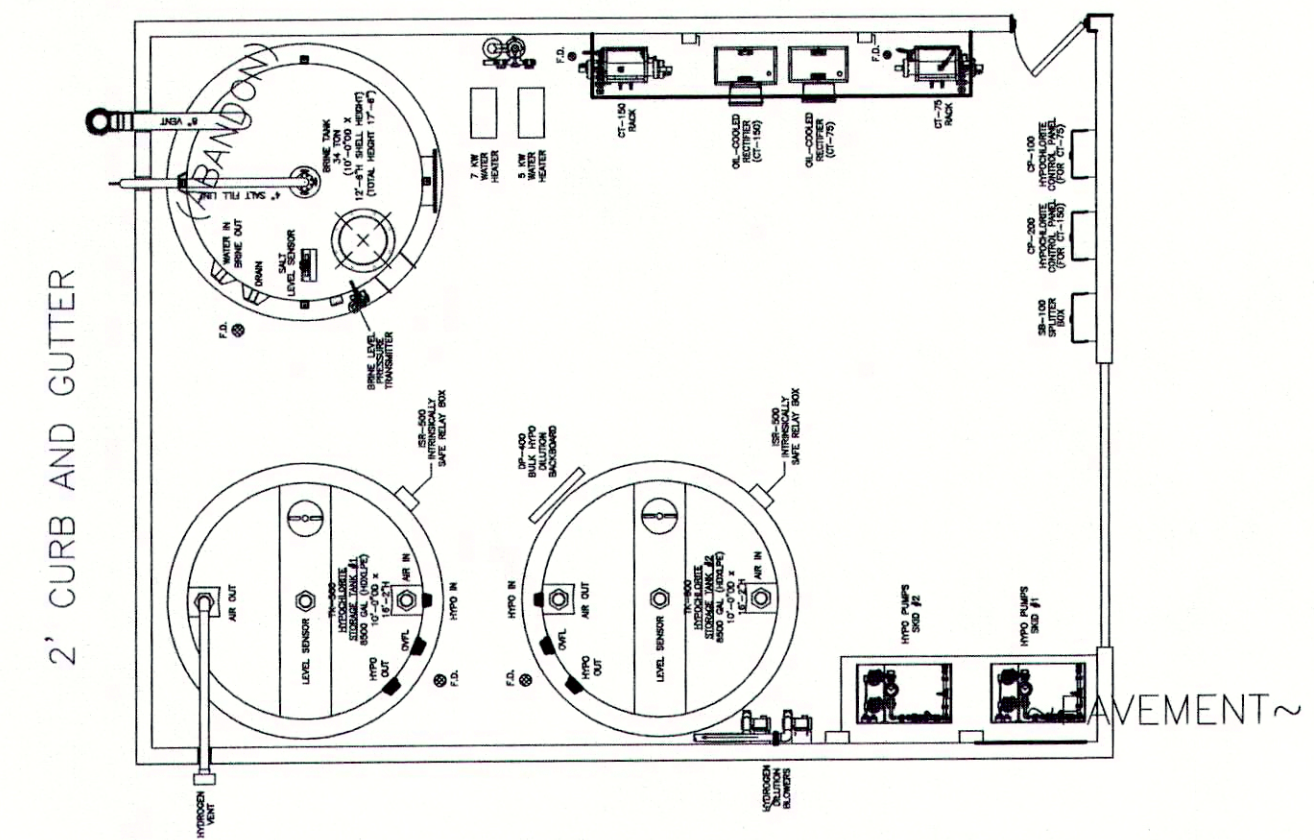


PROPOSED LOCATION
CNG GENERATOR

EXISTING BUILDING

10' DOOR
IRR PBX

2' CURB AND GUTTER



2' CURB AND GUTTER

PAVEMENT~

EXISTING OVERHEAD POWER POLE

NATIVE STONE WALL

INSTALL CONDUITS FROM NEW SERVICE LOCATION TO THE EXISTING SERVICE LOCATED ON THE MAIN LEVEL.

THE SERVICE CONDUITS ARE TO EXTEND UP THE EXTERIOR WALL AND PENETRATE THE FLOOR INTO THE EXISTING SWITCH GEAR. PROVIDE WATERPROOF SEAL ON ALL PENETRATIONS

PROVIDE RIGID METAL CONDUITS FOR THE EXPOSED PORTION OF THE CONDUIT INSTALLATION

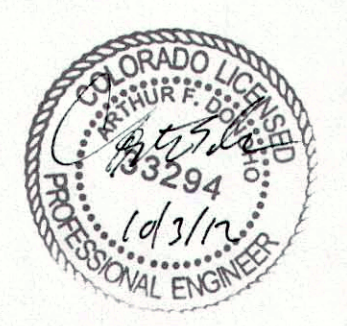
EXISTING 200A EXTERIOR PV DISCONNECT TO BE REMOVED.

LOADING DOCK

EXISTING UTILITY METER TO BE RELOCATED

EXISTING PV METER TO BE RELOCATED

12" CONC WALL



PBX

BUILDING WALL (WEST SIDE)

TOR DOOR

MIDDLE FLOOR (NORTH SIDE)

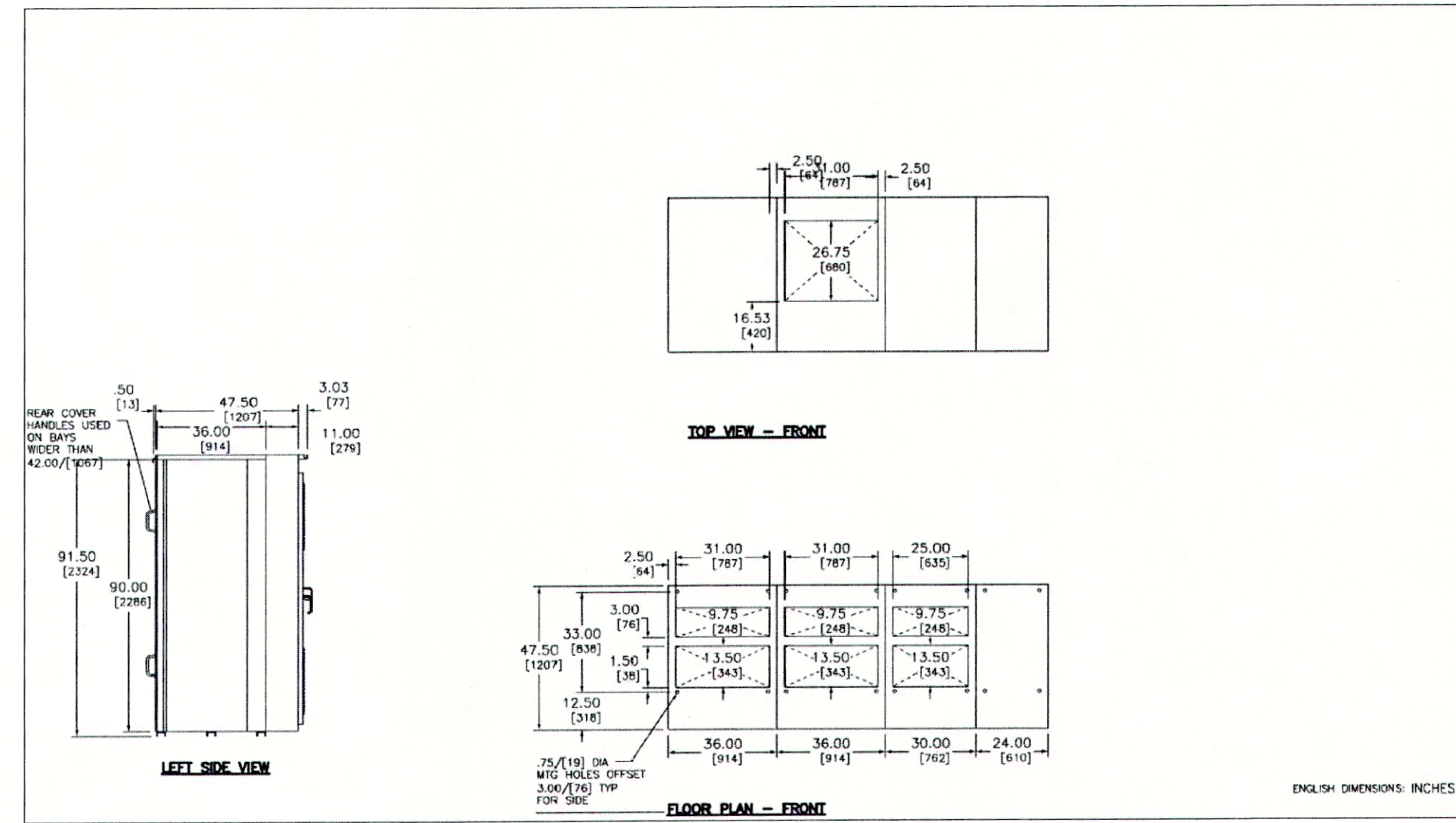
Consulting Engineers, Inc.
Mechanical & Electrical Engineers
569 S. Westgate Dr., Suite 1
Grand Junction, CO 81505
phone: 970-241-8709,
fax: 970-241-9514

12-089
DATE DRAWN: 10-02-12
DRAWN BY:
CHECKED BY:

ORCHARD MESA WATER TREATMENT PLANT
ELECTRICAL RELOCATION PROJECT
CITY OF GRAND JUNCTION, COLORADO
SCALE: AS SHOWN
DRAWING NO.: E1-1
REV:

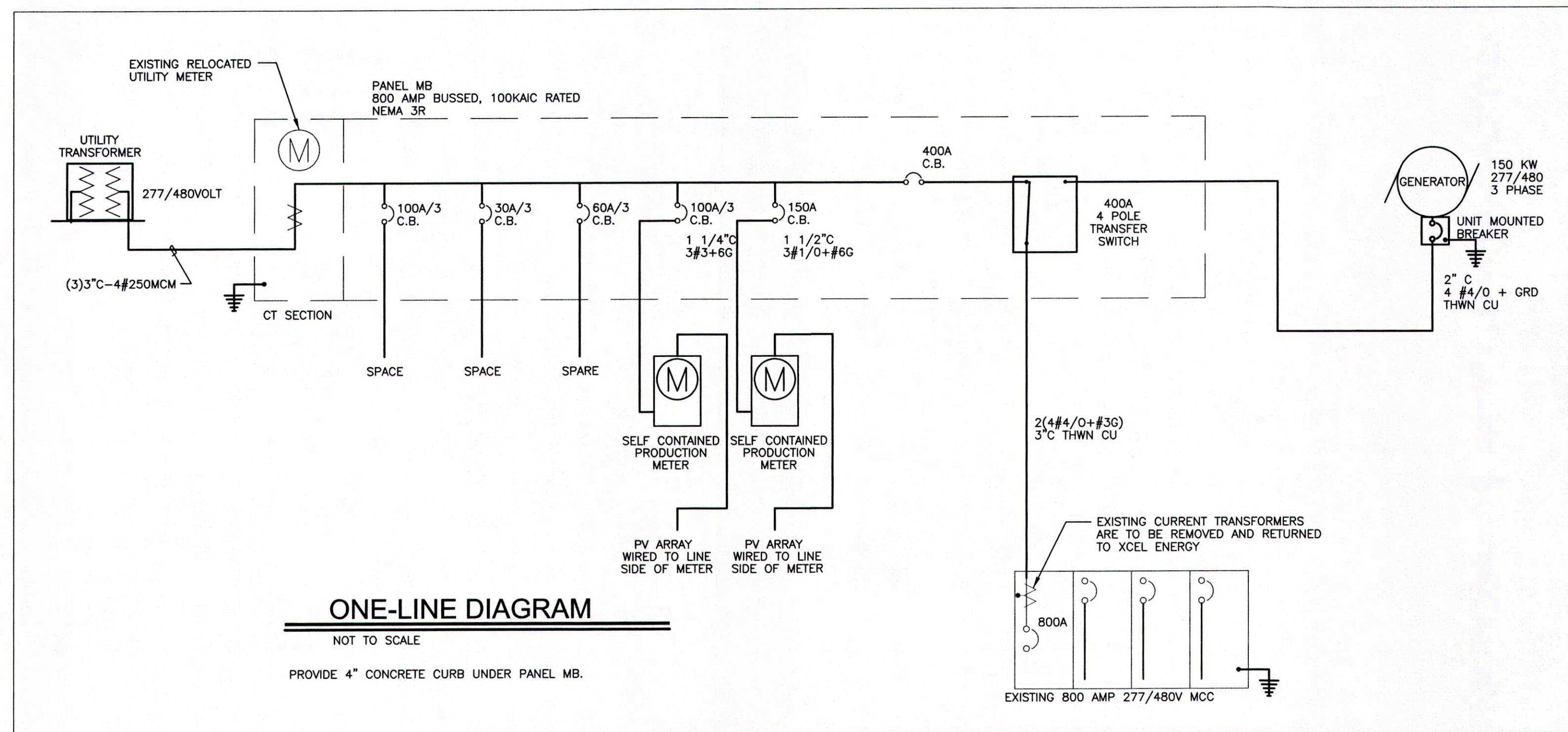
DRAWING NO.:	REFERENCE DRAWINGS:

REV.	DATE	REVISION DESCRIPTION	BY	BY	BY	BY



SERVICE DIMENSIONS

SECTIONS ARE TO BE REARRANGED AS SHOWN IN THE ELEVATION DRAWING.



SWITCHBOARD GENERAL NOTES

PRODUCT DESCRIPTION & RATINGS

Power System Data

480Y/277V 3Ph 4W 60Hz / 3 Phase Wye

Safety Grounded

System Short Circuit Current Rating: 100kA RMS

Incoming Section 1 Cable Through the Bottom Left of Lineup

Bus System Data

800A Tin/Aluminum & Silver/Copper Main Bus

(4) 25x2.00 (R/F) 6x36 mm Al Bus Bar Per Phase/Neutral

(1) 25x1.50 (R/F) 6x36 mm Al Ground Bus

Enclosures Data

Type 3R Free Standing

Exterior Paint Color: ANSI 49

Front Accessibility Only Required

Roofed barriers

1.5m Clearance Rear/Rise Channels

Utility sealing hardware installed for unmetrated bus compartments

Delivered Shipping Weights

Shipping Split 1 877.00 lbs / 443.17 kgs

Shipping Split 2 803.00 lbs / 431.83 kgs

Shipping Split 3 795.00 lbs / 360.61 kgs

Shipping Split 4 597.00 lbs / 270.80 kgs

Complete Lineup 3321.00 lbs / 1506.41 kgs

Code Standards

21- Disconnect and suitable for use as Service Entrance when not more than six (6) disconnecting means are provided.

Rating Nomenclature

151- Disconnect - Section Bus 800A

152- Service Entrance - Section Bus 800A

153- Service Entrance - Section Bus 400A

154- SWBD enclosure

PRODUCT INFORMATION

Wiring

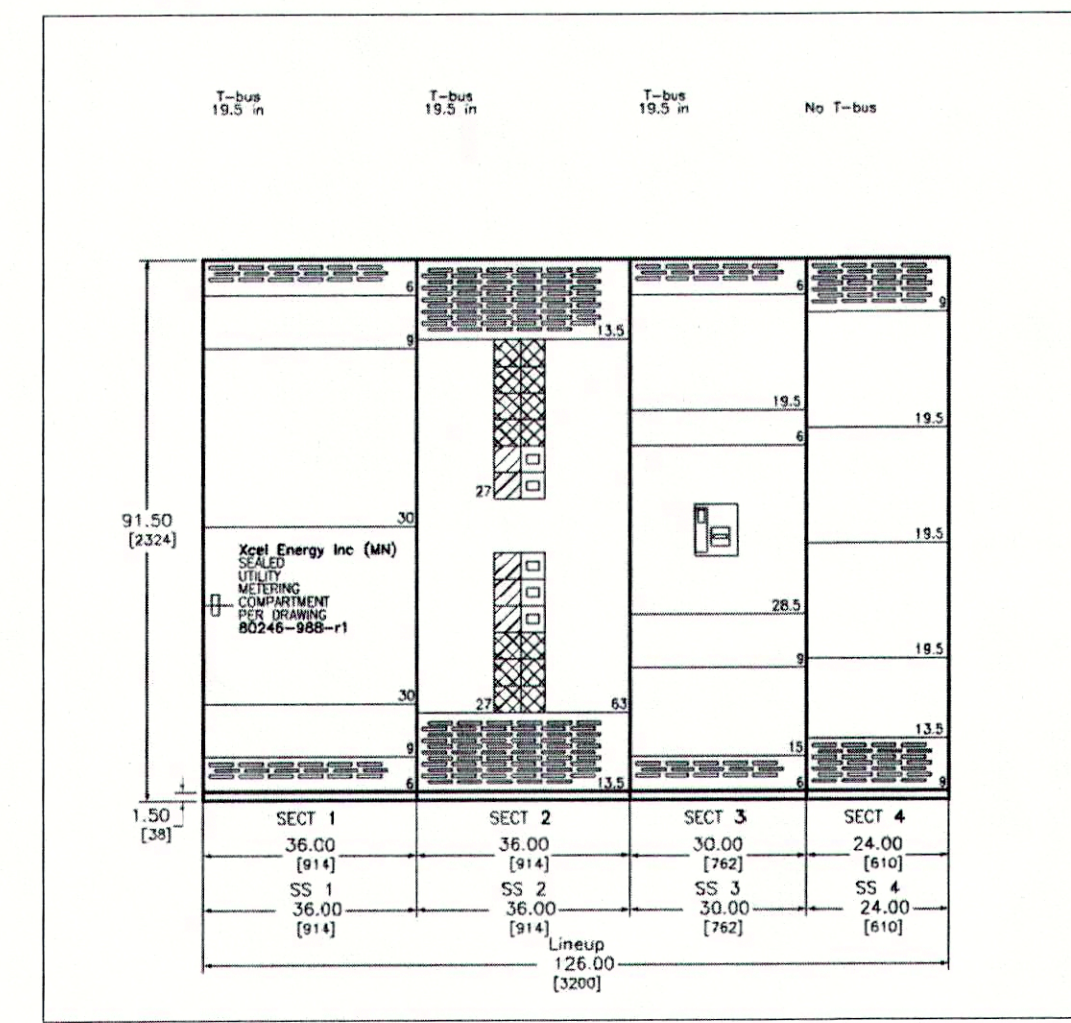
All wiring to be Machine Tool Wire type

Installation Reference

Reference 80043-000 For Handling, Installation, Insulating, Inspection And Maintenance Information

Product Accessories/Options

Seismic Qualified



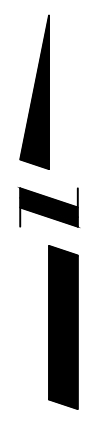
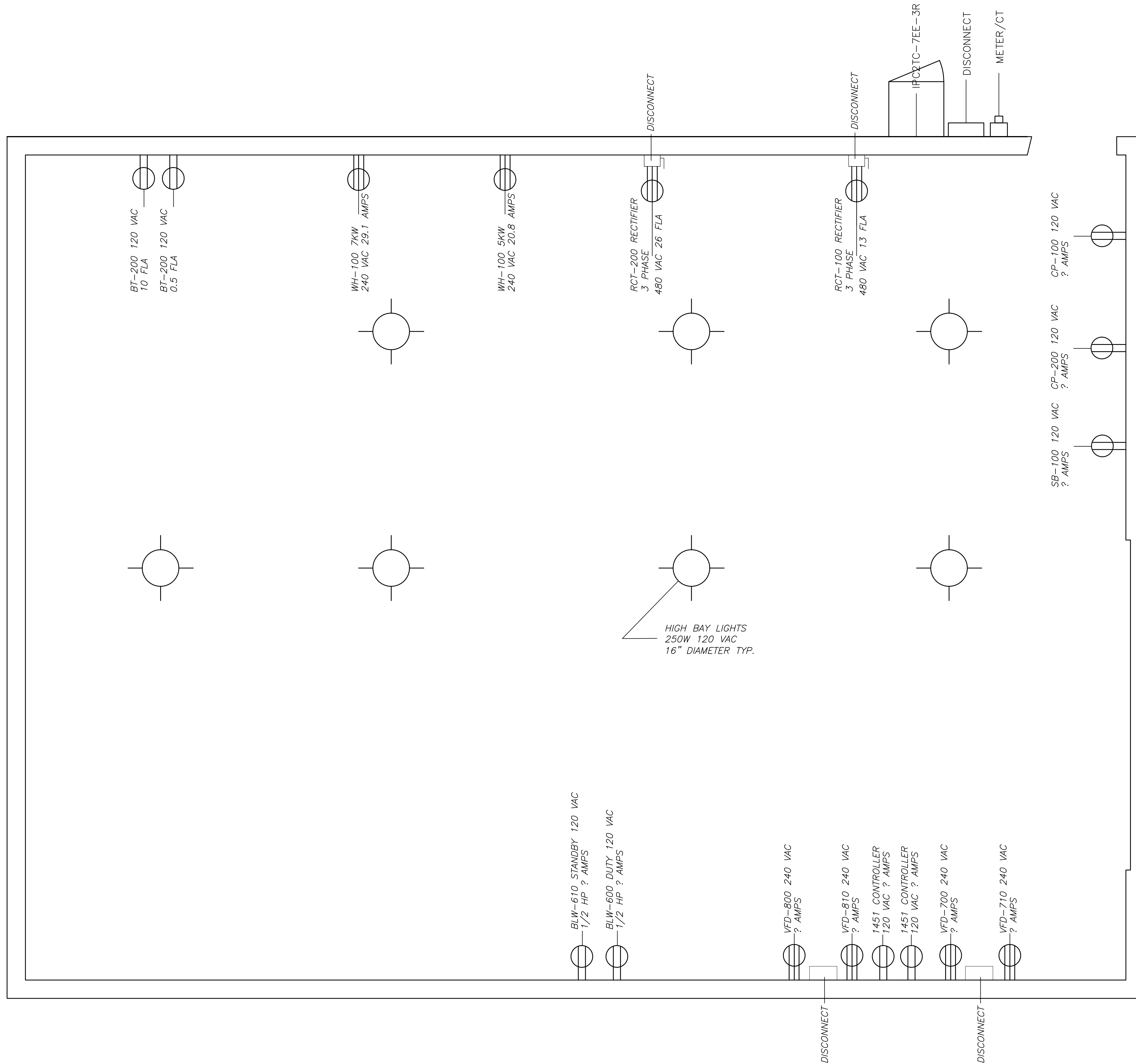
SERVICE ELEVATION

NOT TO SCALE

PROVIDE 4" CONCRETE CURB UNDER PANEL MB.
THE TWO PRODUCTION METERS ARE TO BE INSTALLED ON THE FRONT OF THE FOURTH SECTION AND THE TWO ARRAY DISCONNECTS ARE TO BE MOUNTED ONTO THE SIDE OF THE FOURTH SECTION. PROVIDE ALL LABELING REQUIRED BY THE UTILITY COMPANY FOR THE PV METERS AND THE DISCONNECTS. THE BREAKERS INSTALLED FOR THE PV ARRAYS ARE TO BE BACKFEED RATED BREAKERS WITH LOCKOUT ABILITY.



DRAWING NO.:	REFERENCE DRAWINGS:	REV:	DATE:	REVISION DESCRIPTION:	BY:	BY:	BY:	BY:	<p>Bighorn Consulting Engineers, Inc. Mechanical & Electrical Engineers 569 S. Westgate Dr., Suite 1 Grand Junction, CO 81505 phone: 970-241-8709, fax: 970-241-9514</p>	<p>FILENAME: PROJECT NO.: 12-089 DATE DRAWN: 10-02-12 DRAWN BY: CHECKED BY:</p>	<p>CITY OF GRAND JUNCTION</p> <p>ORCHARD MESA WATER TREATMENT PLANT ELECTRICAL RELOCATION PROJECT CITY OF GRAND JUNCTION, COLORADO</p>	<p>SCALE: AS SHOWN DRAWING NO.: E1-2 REV.:</p>
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REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
REVISION Δ			JJV	7/12/12
REVISION Δ			JJV	7/12/12
REVISION Δ			JJV	7/12/12
REVISION Δ				

SCALE
N.T.S.



PUBLIC WORKS
AND PLANNING
ENGINEERING DIVISION

ON-SITE HYPO-CHLORITE SYSTEM
ELECTRICAL