



Naco Ground Storage Tank Rehabilitation Project
SAWS Solicitation No. B-19-015
Job No. 17-0113

ADDENDUM 3
December 13, 2019

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

CHANGES TO THE SPECIFICATIONS

1. Supplementary Instructions to Respondents

Section C.1.i on Page SIR-2:

- “It is preferred that these personnel shall have been on at least one (1) of three (3) projects listed under item C.1.ii. Past Performance on Similar Projects.”

REPLACE with the following:

- “At least three (3) of the five (5) key personnel shall have been on at least one (1) of the three (3) projects listed under item ii. Past Performance on Similar Projects.”

2. Supplementary Instructions to Respondents

Sentence four (4) under Section C.1.ii on Page SIR-13:

- “It is preferred that the Construction Project Manager, Superintendent, QA/QC Person, Competent Person for Safety and Foreman proposed for this project have worked on at least one (1) of the project references listed and must be employed by the Respondent (Prime Contractor).”

REPLACE with the following:

- “At least three (3) of the five (5) key personnel (Construction Project Manager, Superintendent, QA/QC Person, Competent Person for Safety and Foreman) proposed for this project must have worked on at least one (1) of the project references listed and must be employed by the Respondent (Prime Contractor).”

CHANGES TO THE PLANS

1. Sheet E3 – DEMOLITION ELECTRICAL DETAILS- ADD note to DETAIL B – CATHODIC RECTIFIER PANEL RELOCATION

ADD the following:

“Contractor shall remove and reinstall “red alarm light” on top of electrical cabinet. NSPI.”.

CLARIFICATION

1. Clarification to SIR: Slide 29 of the PowerPoint presentation stated requirements vary for all 3 projects. Only one of the projects provided by contractors must have been a ground storage tank for potable water with at least a five (5) million gallon (MG) capacity. The other projects shall be similar in scope to the Project per Section A. 1-2 of the Supplementary Instructions to Respondents.
2. The estimated Cost has been revised to an amount of \$ 2,083,300.00.

RESPONSES TO QUESTIONS

1. **Question:** Sheet E4 Keyed Note 3 states “THE NEW ELECTRODE PROBES TO BE CONNECTED TO EXISTING RELAYS IN LEVEL CONTROL PANEL. CONTRACTOR SHALL DOCUMENT ALL EXISTING CONNECTIONS AND RE-CONNECT NEW PROBES TO THE SAME TERMINALS.” However, during the site visit, we did not see any probe cables being routed to the level control panel. Please advise.?
Response: The previous contractor had already removed the probes and cable. Attached are the record drawings of this panel which are included in Addendum 3.
2. **Question:** Sheet E7 Keyed Note #1 states “NEW LEVEL ELECTRODE HOLDERS, ELECTRODE PROBES AND CABLE PROBE HOLDER ELEVATIONS SHALL BE PROVIDED FROM EXISTING TANK NO. 2.” Please confirm that this should be Tank No. 1 and not Tank No. 2.
Response: The electrode probes and cable probes were removed by previous contractor; therefore, the contractor shall reference the elevations of the probes from Tank No. 2.
3. **Question:** Sheet E8 Detail D shows conduit support clips welded to the roof access ladder support, however during the site visit, we noticed that there are no clips welded to the ladder supports, however, there are angle iron welded to the tank adjacent to the ladder for conduit support. Please clarify if these are to be utilized for the conduit installation to the tank roof.
Response: The angle irons were installed by the previous contractor. These can be utilized for conduit installation with strut if contractor accepts the existing condition of the angle irons. Otherwise the angle irons should be replaced with the items detailed in the plans.
4. **Question:** Will the interior ladder be installed on the tank?
Response: No, there will be no interior ladder installed on the tank.
5. **Question:** Will a door sheet cut into the tank wall be allowed?
Response: A door sheet may be considered. The contractor must submit a formal submittal for the use of a door sheet to SAWS and KHA for approval per Specification Section 13200.3.01.B.
6. **Question:** Will the manway and associated reinforcing plated need to be removed?
Response: Yes, the existing 36-inch manway and reinforcing plates (interior and exterior) on the Southwest side of the tank will be removed and replaced with a 38-inch manway per the Contract Drawings.
7. **Question:** Where the plans call for floor and wall repairs, does this means that the metal repair are needed?
Response: No, metal work is only needed around the 36-inch manway that is to be replaced and the interior ladder clips that are being removed. All the walls will need coating repairs where necessary and the floor coating will be removed and replaced completely.
8. **Question:** Are the platform reinforcing plates already installed?
Response: Yes, they were installed by the previous contractor and will require weld testing and repairs depending on the weld testing results. If repairs are required, the contractor will need to weld test the new repairs.

9. **Question:** **Have the roof hatches been installed?**
Response: *The hatches are on the tank, but they have not been fully installed. They will need to be removed and installed per the Specifications 11300 and 13200.*
10. **Question:** **Will the cathodic protection plugs and covers need to be removed during the installation of the cathodic protection system?**
Response: *Yes, the cathodic protection plugs will need to be removed to install the cathodic protection. Once the contractor has installed the cathodic protection the covers will need to be installed to prevent debris from entering the tank.*
11. **Question:** **The light on top of the tank level control box appears damaged. Will this need to be fixed?**
Response: *Yes (See the Changes to Specifications Section #2 in this addendum)*
12. **Question:** **Do more penetrations need to be made for the sample taps?**
Response: *No, the three (3) sample taps are currently installed on the tank will be used. One of the taps near the tank control cabinet will be connected to the pressure transmitter. The other two taps will have pressure gauges installed as per the plans (See Sheet C3 Details 1 and 2)*
13. **Question:** **The galvanized grate for the platform appears to be rusted. Will a new grate be required?**
Response: *Yes, the contractor will need to install a new galvanized grate (See C5 Detail 1).*
14. **Question:** **Will a new cathodic protection box need to be installed?**
Response: *No, the cathodic protection box is stored on site. The contractor will be responsible for the installation of the cathodic protection box.*

Attachment: Control Panel As-Builts

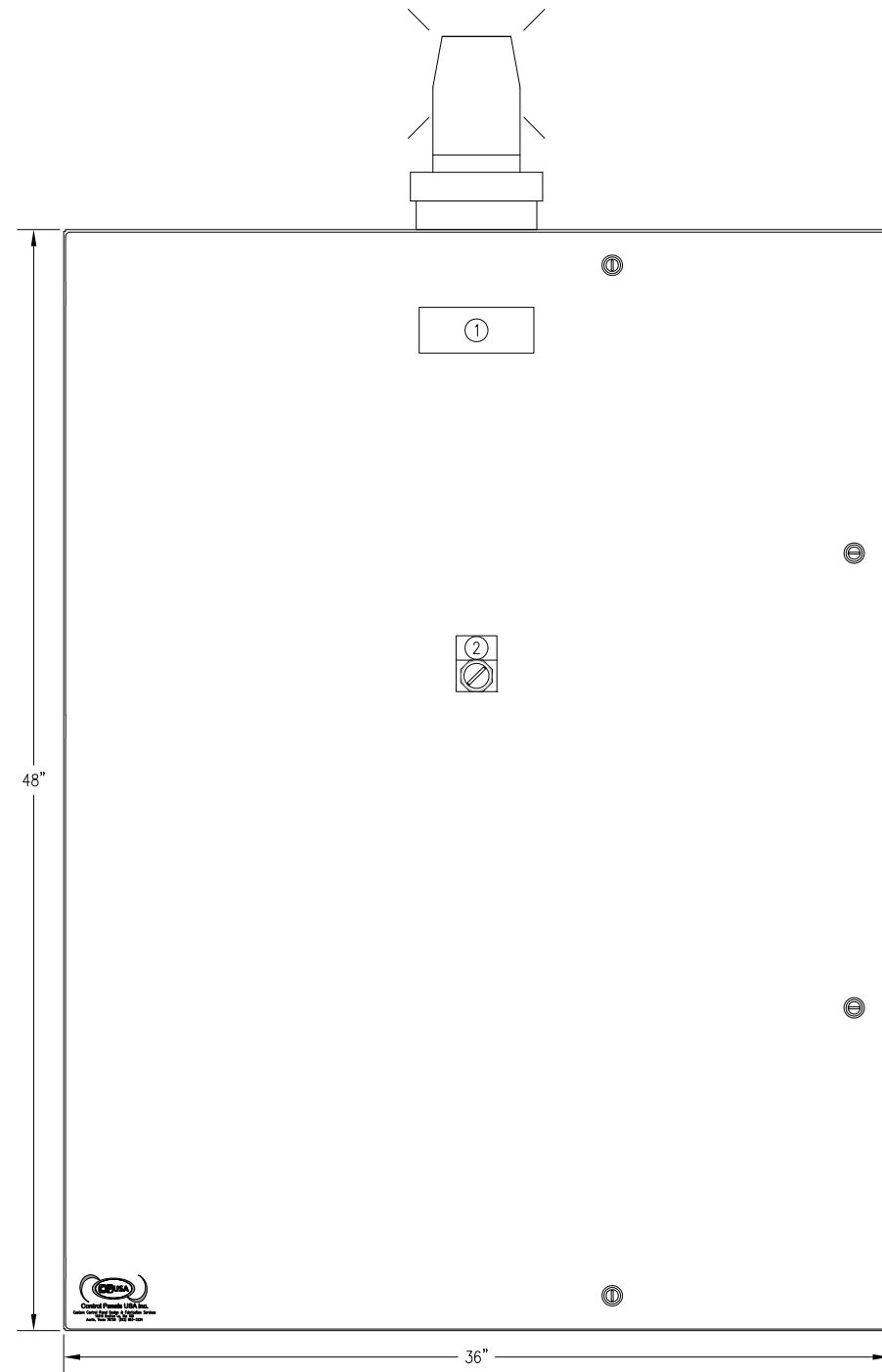
END OF ADDENDUM

This Addendum, including attachments, is 8 pages in its entirety.

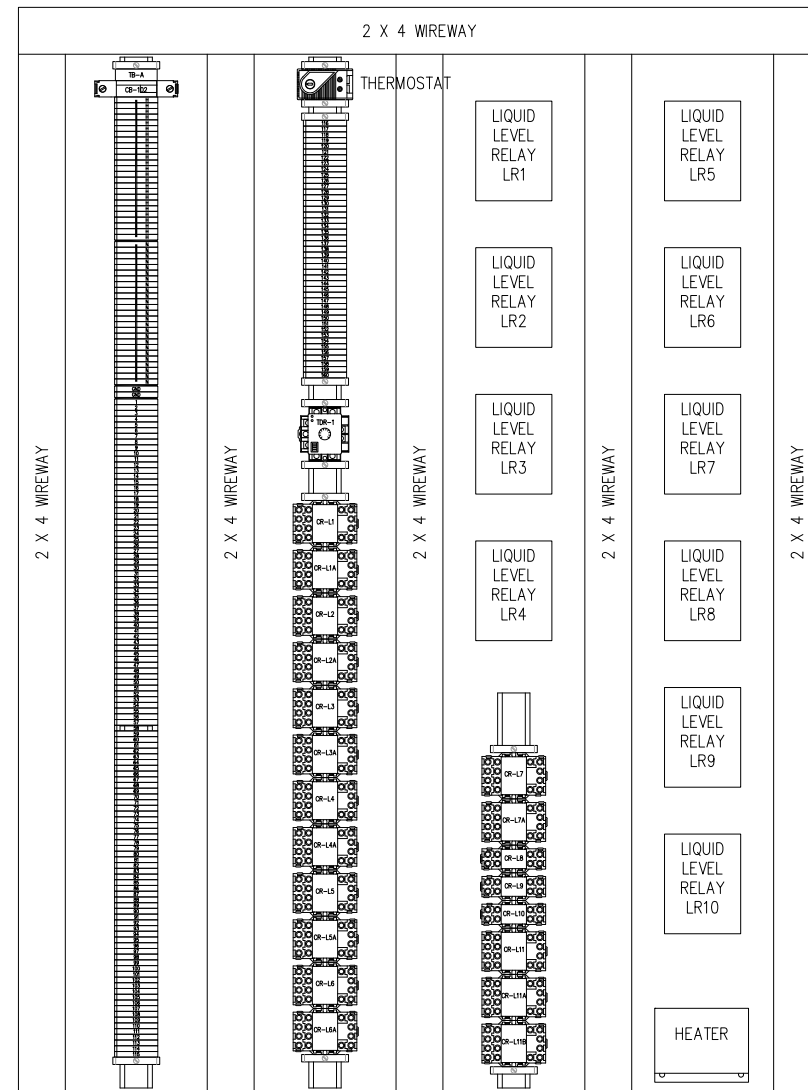
 12-13-19

Kendall NeSmith, P.E.
Kimley-Horn and Associates, Inc





EXTERIOR DOOR



INTERNAL LAYOUT

DOOR TAG LAYOUT	
TAG #	TAG DESCRIPTION: LINE 1 / LINE 2 / LINE 3 / LINE 4
1	NACO PUMP STATION / GST #1 / LEVEL CONTROL PANEL
OR	NACO PUMP STATION / GST #2 / LEVEL CONTROL PANEL
2	ALARM / ENABLE / DISABLE

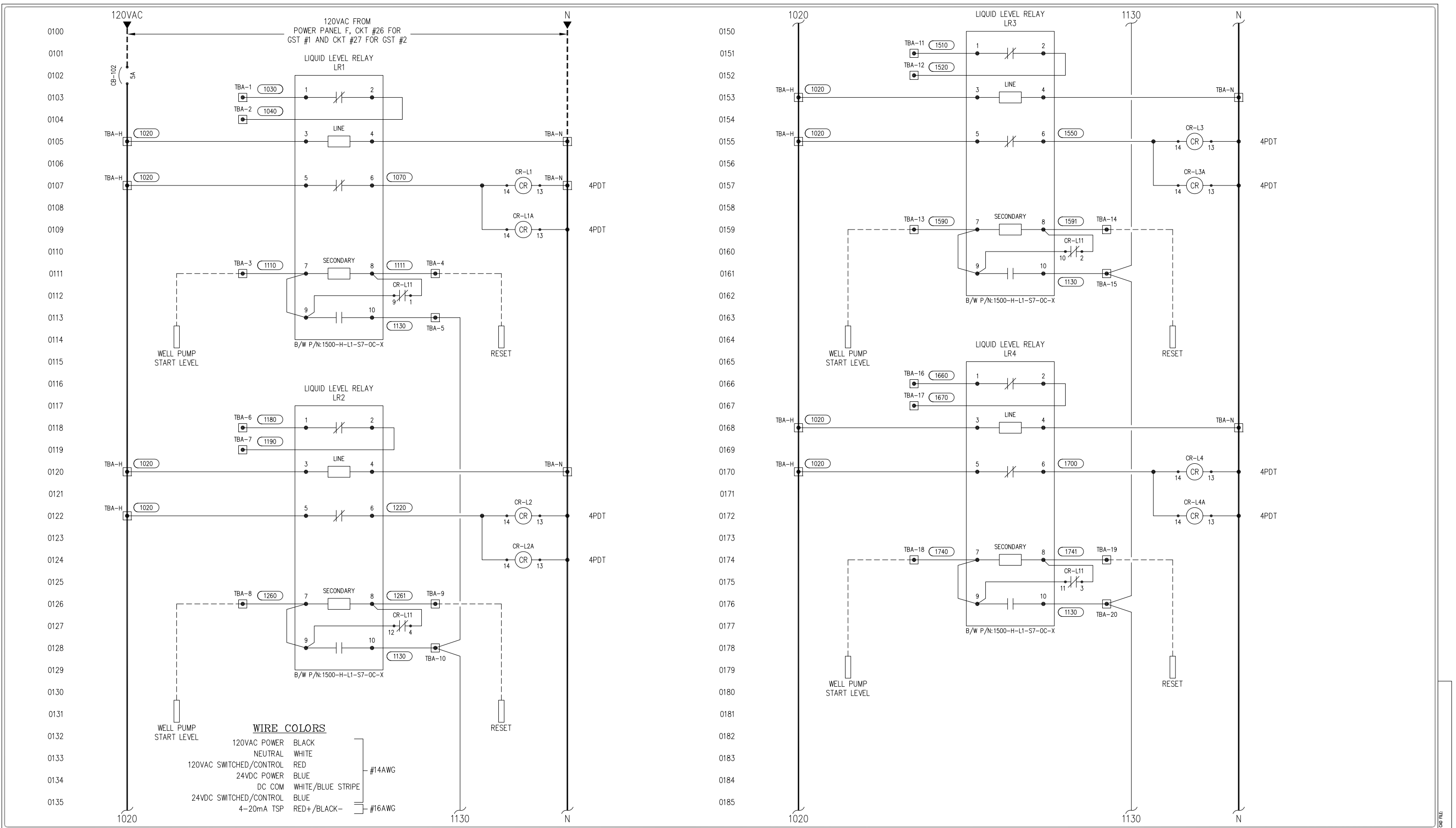
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B	2/13/15		CHANGES PER SUBMITTAL COMMENTS
A	10/31/14		FOR SUBMITTAL REVIEW

DESIGNER B. FRIEMEL	DATE: 9/04/14
DRAWN BY: JLM	CHECKED BY:
DRAWING STATUS: AS-BUILT	

CLIENT:
**T. MORALES
COMPANY,
ELECTRIC &
CONTROLS, LTD.**

NACO PUMP STATION IMPROVEMENTS LEVEL CONTROL PANEL TYP FOR GST #1 & GST #2 PANEL LAYOUT			
JOB NO. 13-6892	DWG. NO. CP-12.0	SCALE NONE	
SHEET		REV. 0	

DWG FILE: TIME: EPT DATE:



SCHEMATIC LEGEND

- INTERNAL PANEL WIRING
- - - - FIELD WIRING
- TERMINAL LOCATED IN LOCAL PANEL
- ### WIRE LABEL

REV	DATE	APP	DESCRIPTION
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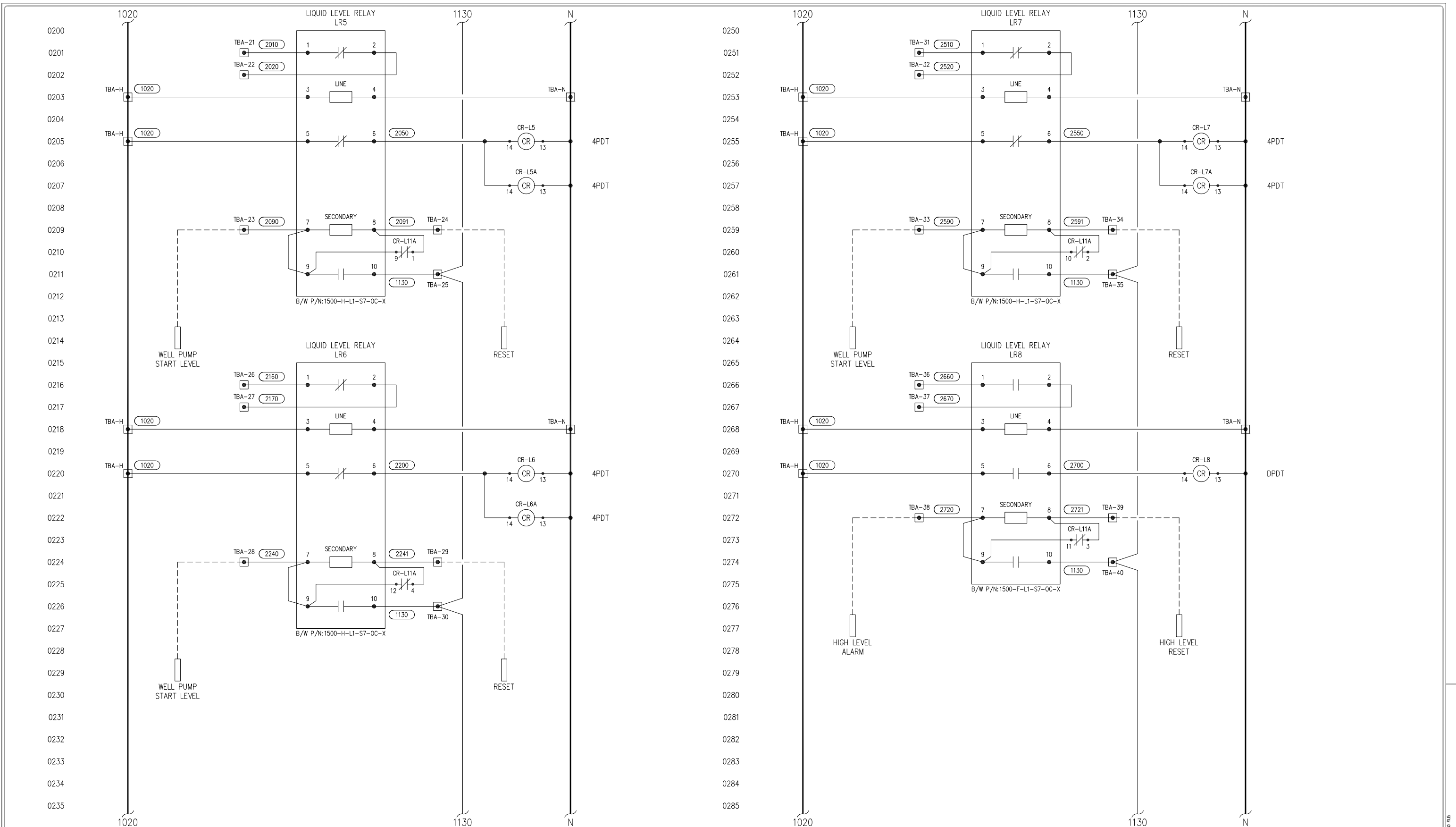
CPUSA
Control Panels USA Inc.
 Custom Control Panel Design & Fabrication Services
 16310 Bratton Lane, Bldg 1, Ste 100
 Austin, Texas 78728 (512) 863-3224

DESIGNER B. FRIEMEL	DATE 9/04/14
DRAWN BY: JLM	CHECKED BY:
DRAWING STATUS: AS-BUILT	

CLIENT:
T. MORALES COMPANY, ELECTRIC & CONTROLS, LTD.

NACO PUMP STATION IMPROVEMENTS LEVEL CONTROL PANEL TYP FOR GST #1 & GST #2 ELECTRICAL SCHEMATIC			
JOB NO. 13-6892	DWG. NO. E-12.1		
SCALE NONE	SHEET	REV. 0	


DATE: 9/04/14



SCHEMATIC LEGEND

- INTERNAL PANEL WIRING
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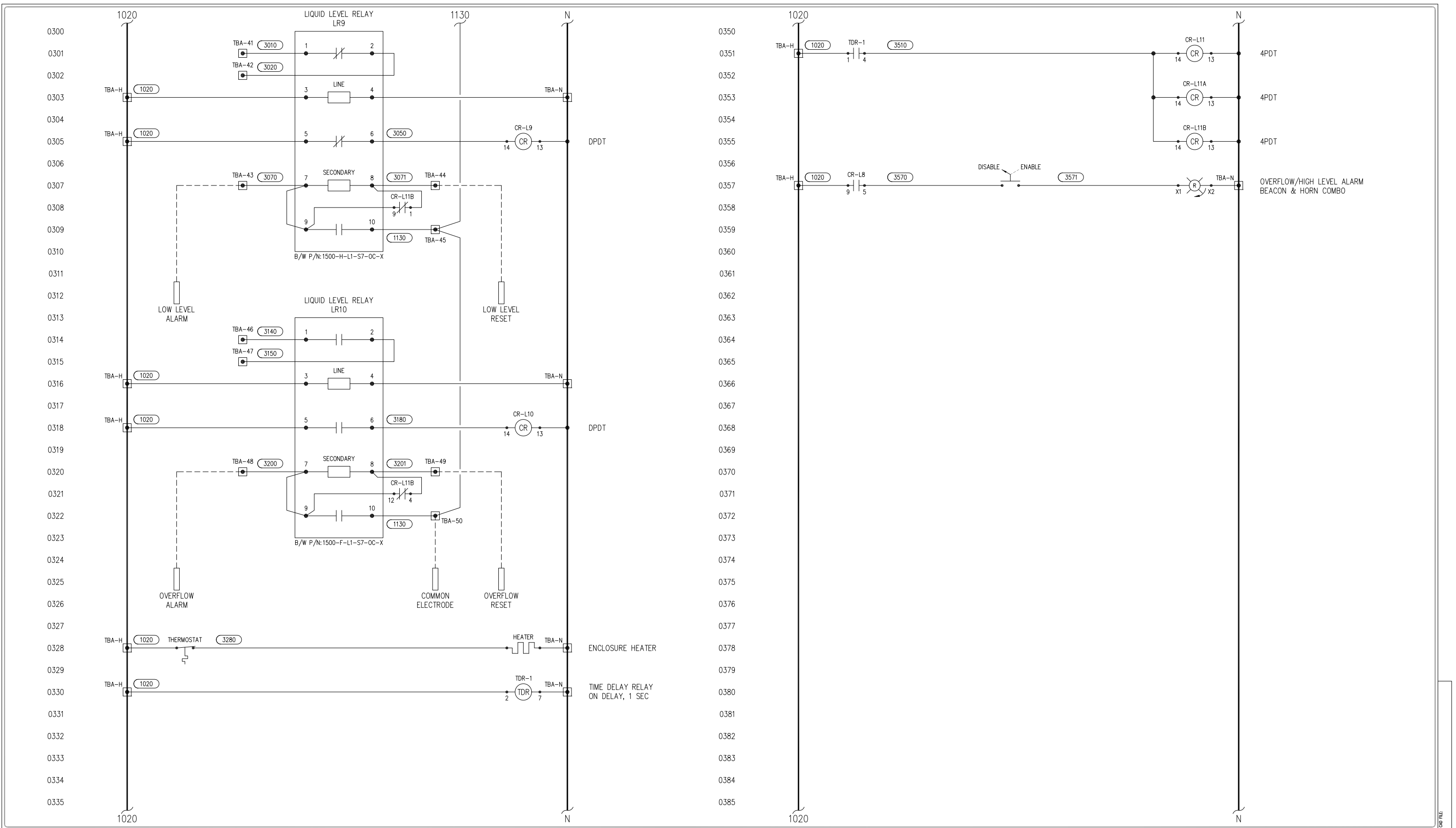

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NACO PUMP STATION IMPROVEMENTS LEVEL CONTROL PANEL TYP FOR GST #1 & GST #2 ELECTRICAL SCHEMATIC			
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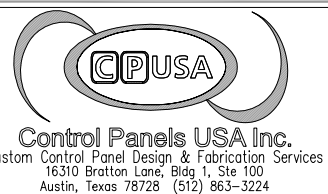
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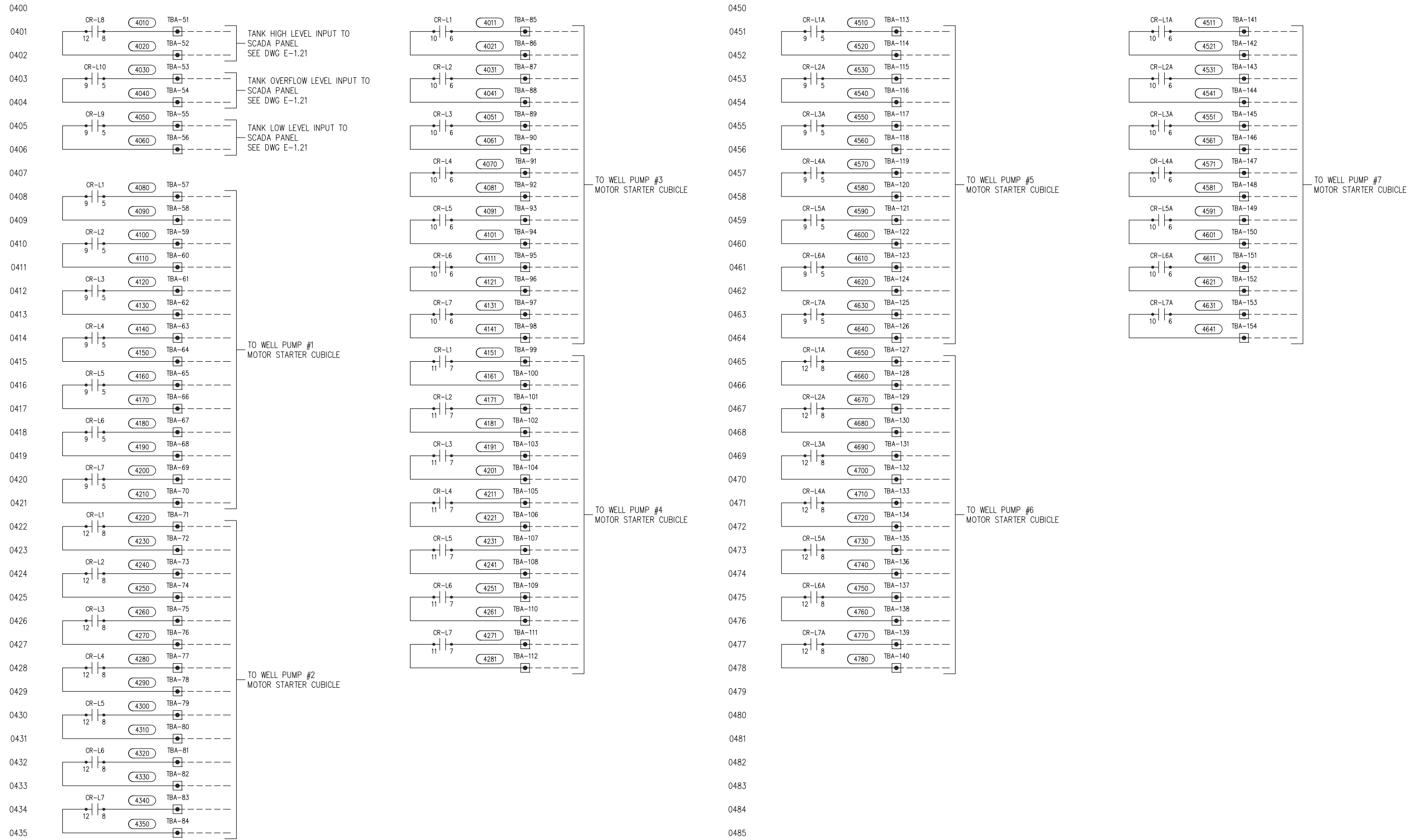


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NACO PUMP STATION IMPROVEMENTS LEVEL CONTROL PANEL TYP FOR GST #1 & GST #2 ELECTRICAL SCHEMATIC			
JOB NO. 13-6892	DWG. NO. E-12.3		
SCALE NONE	SHEET	REV. 0	

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SCHEMATIC LEGEND

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NACO PUMP STATION IMPROVEMENTS LEVEL CONTROL PANEL TYP FOR GST #1 & GST #2 ELECTRICAL SCHEMATIC			
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