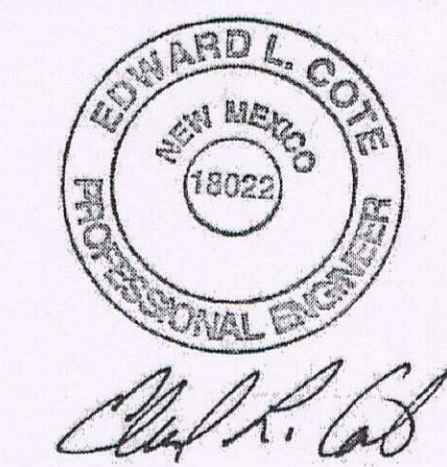


Maps

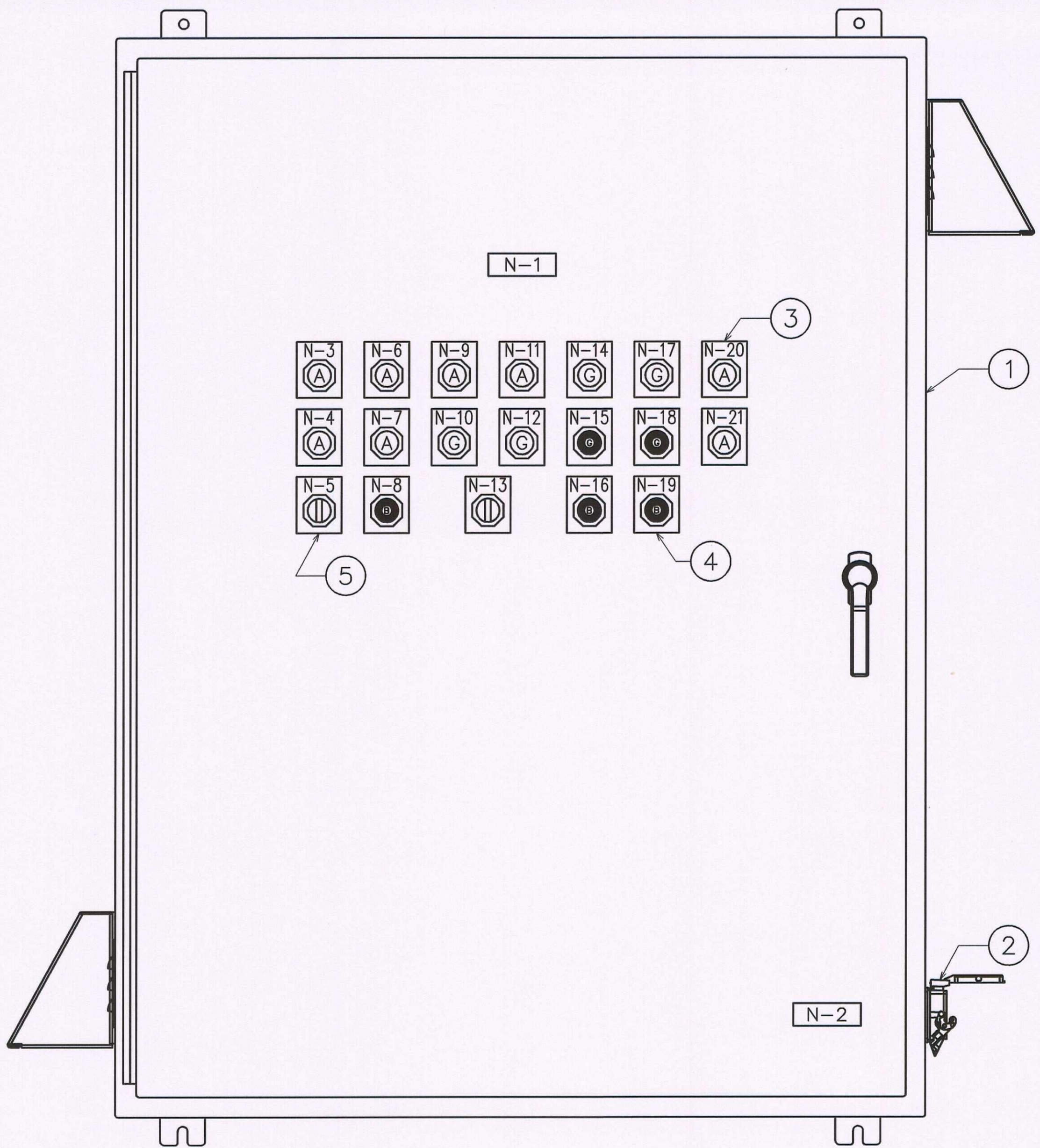
**Western Refining**  
**HRC**  
**HUBBELL, ROTH & CLARK, INC.**  
 Consulting Engineers  
 555 HULEY DRIVE P.O. BOX 824  
 BLOOMFIELD HILLS, MICH. 48305 - 0824  
 PHONE: (248) 454-6300  
 FAX (1st. Floor): (248) 454-6312  
 FAX (2nd. Floor): (248) 338-2592  
 WEB SITE: http://www.hrc-engr.com

06-18-08	NMOCD
05-28-08	OWNER REVIEW
04-10-08	OWNER REVIEW
DATE	ADDITIONS AND/OR REVISIONS
DESIGNED	T.W.H.
DRAWN	T.W.H.
CHECKED	K.L.C.
APPROVED	M.A.O.



**WESTERN REFINING - GALLUP**  
**SANITARY WASTEWATER LIFT STATION**  
 JAMESTOWN NEW MEXICO 87347  
**INSTRUMENTATION & CONTROLS**  
**LIFT STATION CONTROL PANEL**  
**AND SUBPLATE LAYOUT**

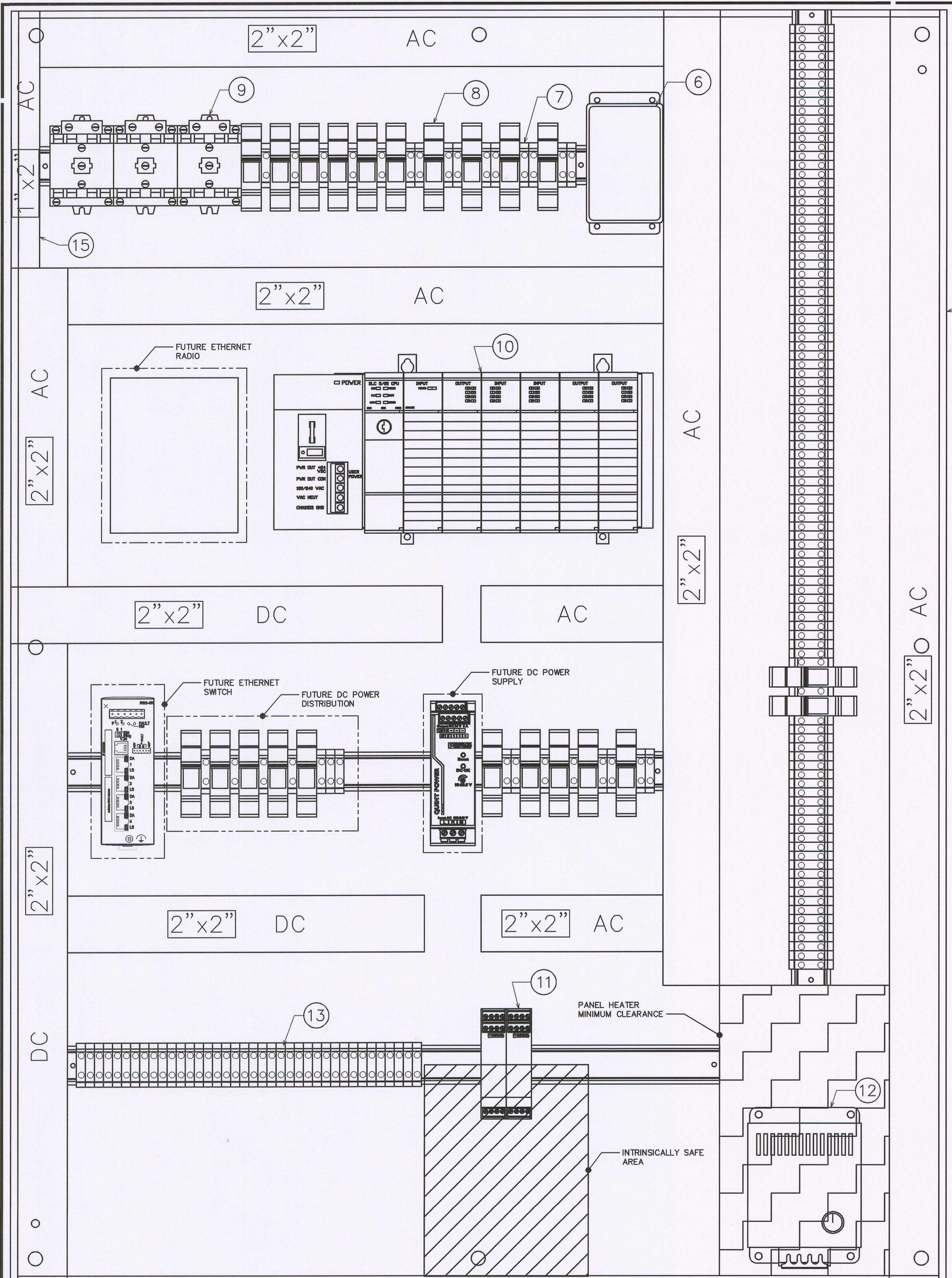
HRC JOB NO. 20070465	SCALE AS INDICATED
DATE JANUARY 2008	SHEET NO. 1-2



**SANITARY WASTEWATER LIFT STATION CONTROL PANEL DOOR LAYOUT**

SCALE: 1/4" = 0'-1"  
 (SEE SHEET I-3 FOR BILL OF MATERIALS)

NAMETAG LEGEND			
TAG #	QTY.	SIZE	DESCRIPTION
N-1	1	1"H X 3"W	SANITARY WASTEWATER LIFT STATION CONTROL PANEL
N-2	1	1"H X 3"W	PROGRAM TERMINAL POWER ONLY
N-3	1	RING TAG	"PUMP P-1 FAILURE"
N-4	1	RING TAG	"PUMP P-2 FAILURE"
N-5	1	RING TAG	"PUMP SEQUENCING SELECTOR SWITCH" "P-1 LEAD/P-2 STANDBY" - "AUTO" - "P-2 LEAD/P-1 STANDBY"
N-6	1	RING TAG	"LIFT STATION SUMP HIGH LEVEL"
N-7	1	RING TAG	"FLUID DETECTED IN CONTAINMENT"
N-8	1	RING TAG	"ALARM RESET"
N-9	1	RING TAG	"NORTH EMERGENCY STORAGE TANK EST-N HIGH-HIGH LEVEL"
N-10	1	RING TAG	"NORTH EMERGENCY STORAGE TANK EST-N LOW LEVEL"
N-11	1	RING TAG	"SOUTH EMERGENCY STORAGE TANK EST-S HIGH-HIGH LEVEL"
N-12	1	RING TAG	"SOUTH EMERGENCY STORAGE TANK EST-S LOW LEVEL"
N-13	1	RING TAG	"EMERGENCY STORAGE TANKS SELECTOR SWITCH" "TANK EST-N" - "BOTH TANKS" - "TANK EST-S"
N-14	1	RING TAG	"TANKS FILLING"
N-15	1	RING TAG	"START TANKS FILL"
N-16	1	RING TAG	"STOP TANKS FILL"
N-17	1	RING TAG	"TANKS DRAINING"
N-18	1	RING TAG	"START DRAIN"
N-19	1	RING TAG	"STOP DRAIN"
N-20	1	RING TAG	"AIR PRESSURE LOW"
N-21	1	RING TAG	"HEAT TRACE TROUBLE"



**SANITARY WASTEWATER LIFT STATION CONTROL PANEL SUBPLATE LAYOUT**

SCALE: 1/2" = 0'-1"