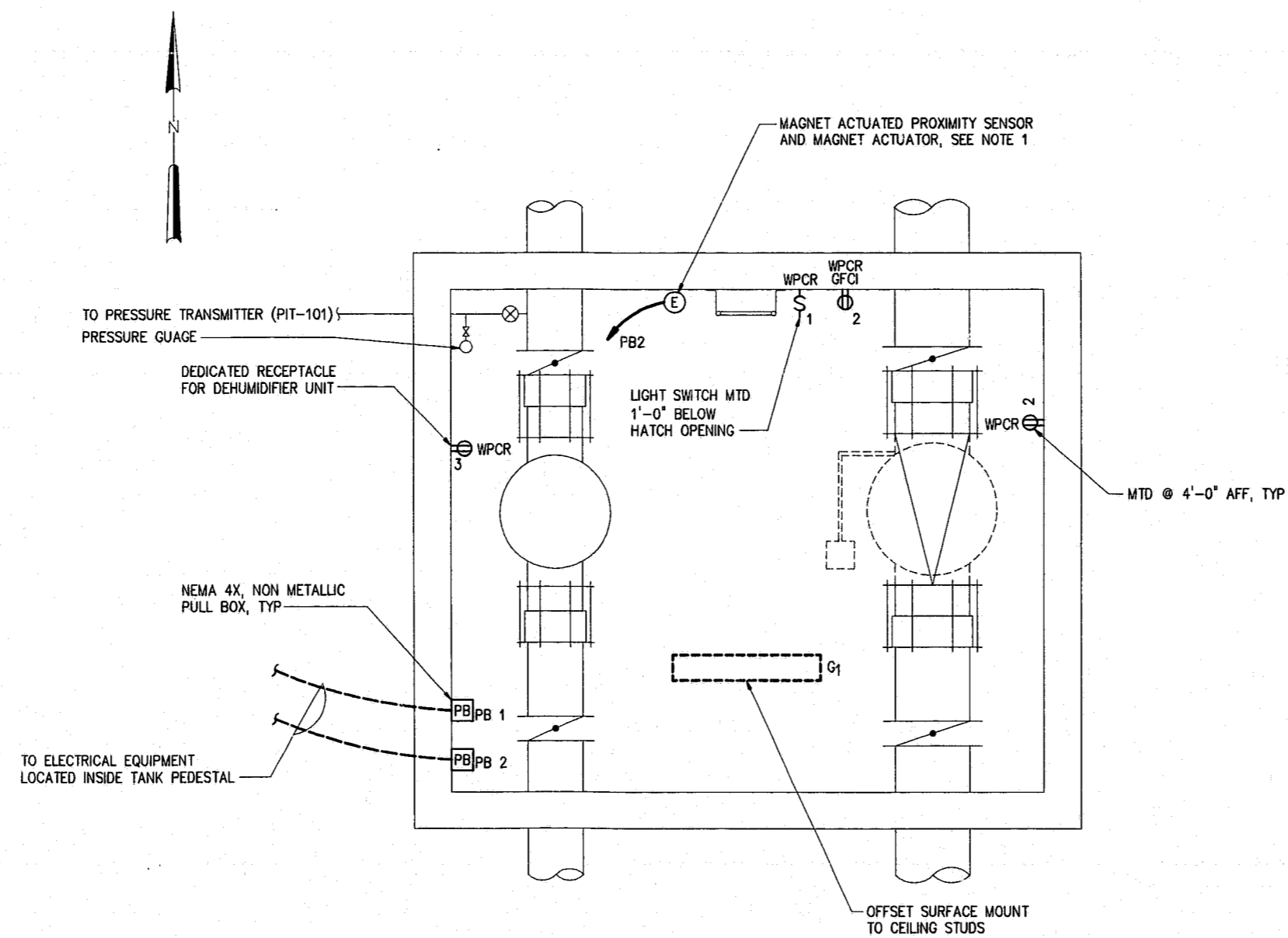


NOTES:

1 MAGNET ACTUATED PROXIMITY SENSOR AND MAGNET ACTUATOR SHALL BE SURFACE MOUNTED STYLE, RATED FOR INDUSTRIAL APPLICATIONS WITH COMPLETE MOUNTING ACCESSORIES BY SQUARE D COMPANY, SG SERIES, OR EQUAL.

120/240 VOLTS 1Ø, 3 WIRE					PANEL LPA					TYPE NQ00 SURFACE MOUNT.	
USE	WIRE	CKT BKR			MAIN M.L.O. 100A - 2P	CKT BKR			WIRE	USE	
		TRIP	POLE	NO		NO	POLE	TRIP			
LIGHT-VALVE VAULT	#12	20	1	1		2	1	20	#12	RECEPT'S-VALVE VAULT	
DEHUMIDIFIER-VALVE VAULT	#12	20	1	3		4	1	20			SPARE
LIGHT-OUTDOORS	#12	20	1	5		6	1	20	#12		LIGHTS-BOTTOM FLOOR
SPARE		20	1	7		8	1	20	#12		LIGHTS-ACCESS LADDER
SPARE		20	1	9		10	1	20			SPARE
RECEPT'S BOTTOM FLOOR	#12	20	1	11		12	1	20	#12		CATHODIC PROTECTION SYSTEM
SPARE		20	1	13		14	1	20	#12		RTU CABINET
SPARE		20	1	15		16	1	20	#12		LIGHTS - ACCESS LADDER
SPARE		20	1	17		18	1	20			SPARE
SPARE		20	1	19		20	1	20			SPARE
SPARE		20	1	21		22	1	20			SPARE
SPARE		20	1	23		24	1	20			SPARE

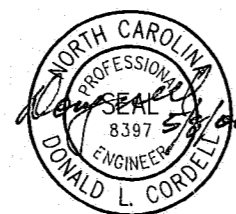
WITH TRANSIENT VOLTAGE SURGE SUPPRESSION



BOTTOM PLAN  
3/8"=1'-0"

00-SP-047  
APPROVED  
36-8/3/00  
8/7/00

DESIGNED	CHN	
DRAWN	MOS	
CHECKED	GM	
PROJ ENGR	HTT	
CONSTRUCTION	5/00	HTT
REGULATORY APPROVAL	4/00	HTT
ISSUED FOR	DATE	BY
NO.		APPROVED



**HAZEN AND SAWYER**  
Environmental Engineers & Scientists  
4011 WestChase Blvd, Raleigh, North Carolina 27607

**TOWN OF CARY, NC-**  
ENGINEERING DIVISION  
**2 MG CARPENTER ELEVATED WATER STORAGE TANK**

ALTITUDE VALVE VAULT  
ELECTRICAL  
PLAN AND SCHEDULE

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE	APRIL 2000
	H & S JOB NUMBER	2825
	CONTRACT NUMBER	1
	DRAWING NUMBER	E3
	SHEET	12 OF 20