

### KEY NOTES

PROVIDE CORNER REINFORCING PER DETAIL 5 ON DWG. S-00-02

(2)6" CRUSHED DRAIN ROCK

STRUCTURAL FILL, 95% COMPACTION (MIN) (3)

FOR PIPE SUPPORTS, SEE DWG M-01-02

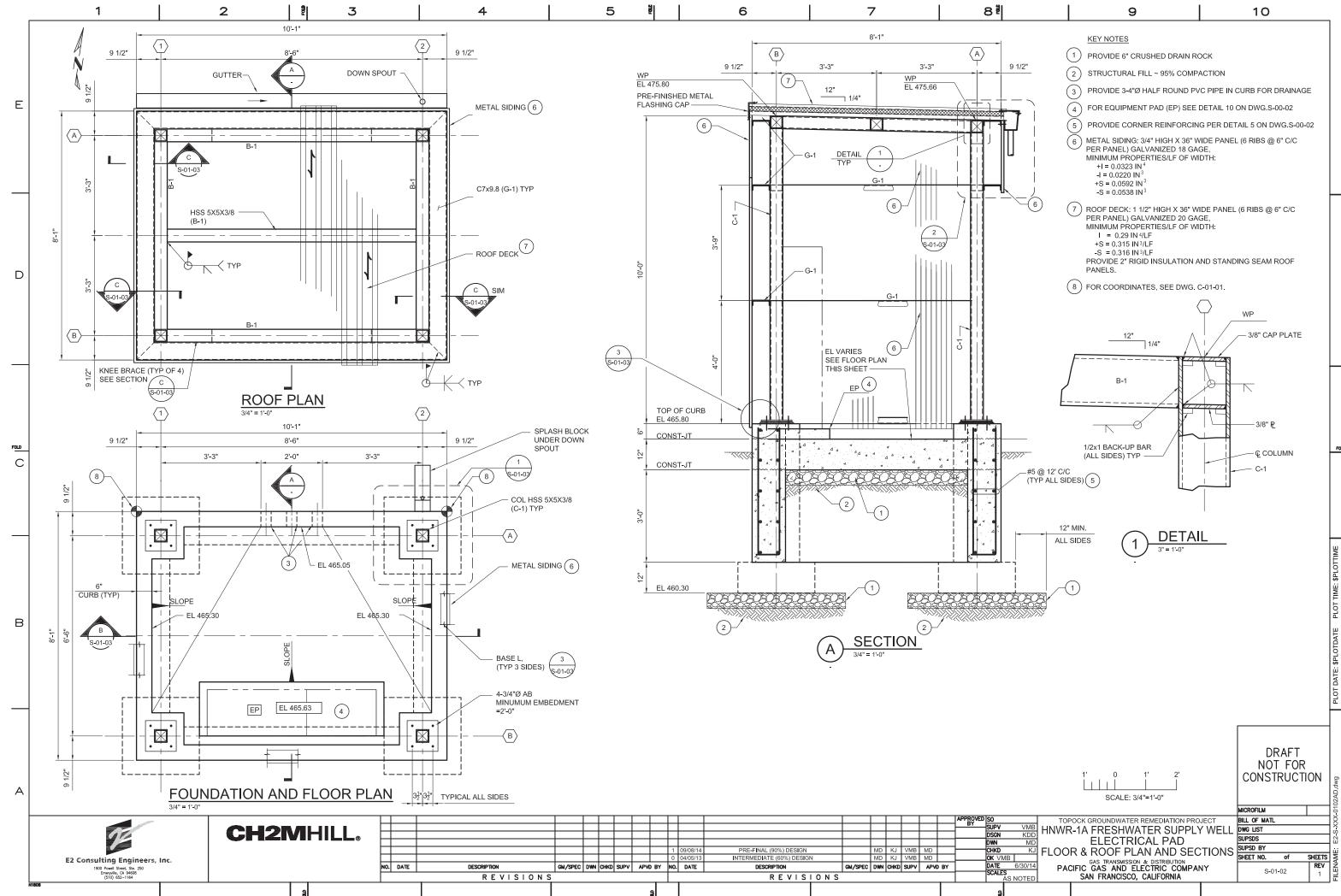
PROVIDE ADDITIONAL REINFORCING PER DETAIL 4 ON DWG. S-00-02

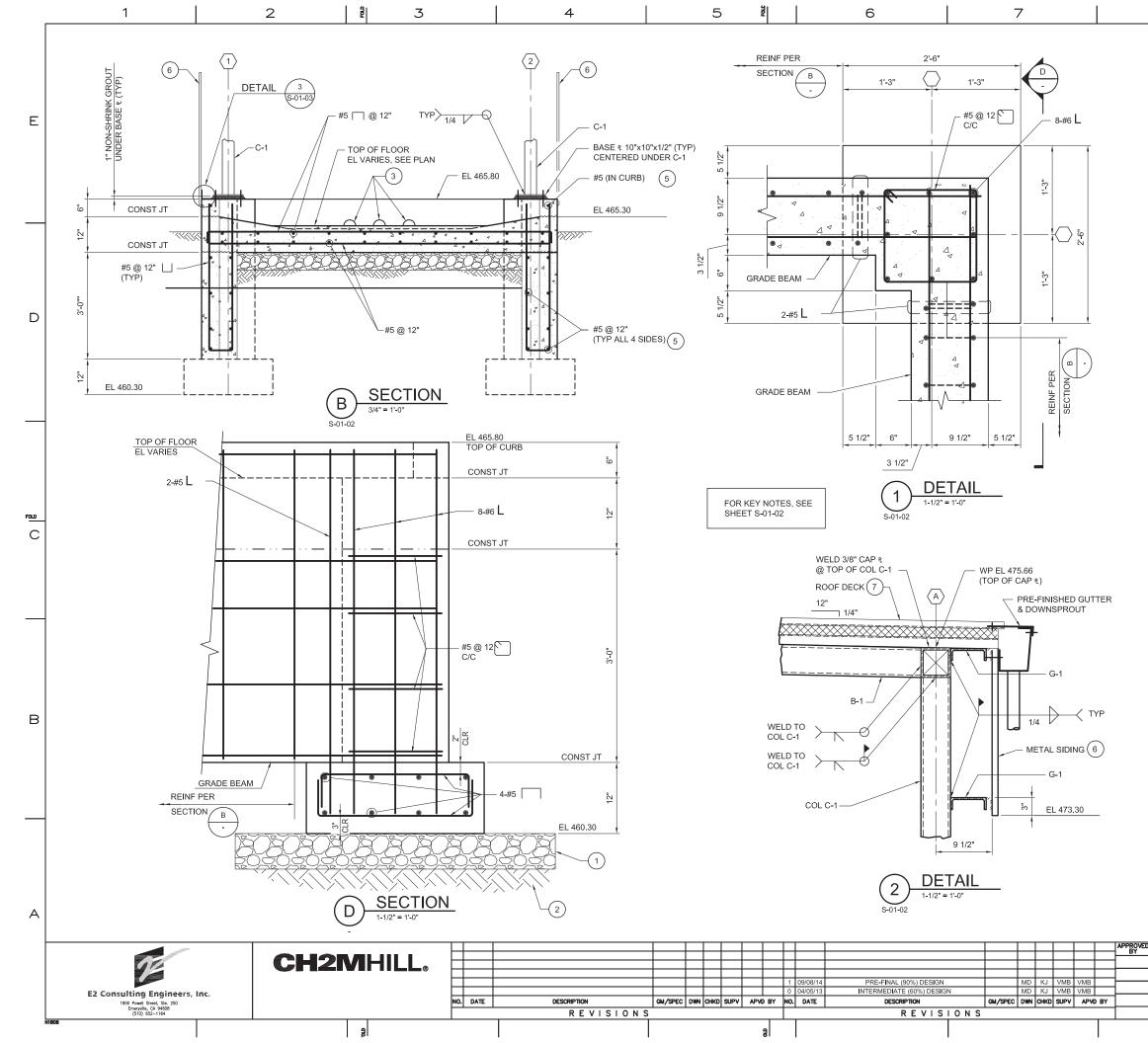
PROVIDE 1/2" EXPANSION JOINT MATERIAL AROUND EXISTING WELL W/ 1/2"x1/2" JOINT SEALANT AT TOP

(7) FOR COORDINATES, SEE DWG. C-01-01.

SAND COLLECTION SYSTEM, SEE DWG. S-01-07.

	2' 0 2' 4'  SCALE: 1/2"=1'	DRAFT NOT FOR CONSTRUCTION	01AD.dwg
		MICROFILM	- 5
S0	TOPOCK GROUNDWATER REMEDIATION PROJECT	BILL OF MATL	Π×
SUPV VMB	HNWR-1A FRESHWATER	DWG LIST	٦÷
DSGN KDD		SUPSDS	12
DWN MD CHKD KJ		SUPSD BY	<b>-</b>
OK VMB		SHEET NO. of SHEET	의 유
DATE 6/30/14 SCALES 1/2=1'-0"	GAS TRANSMISSION & DISTRIBUTION PACIFIC GAS AND ELECTRIC COMPANY SAN FRANCISCO, CALIFORNIA	S-01-01 1	_ <

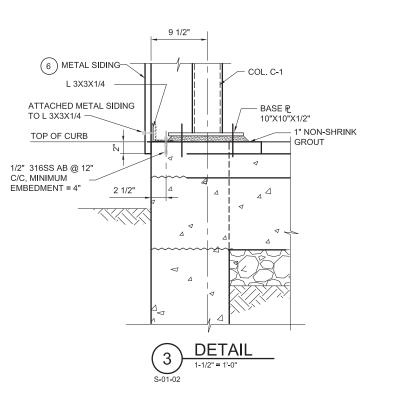


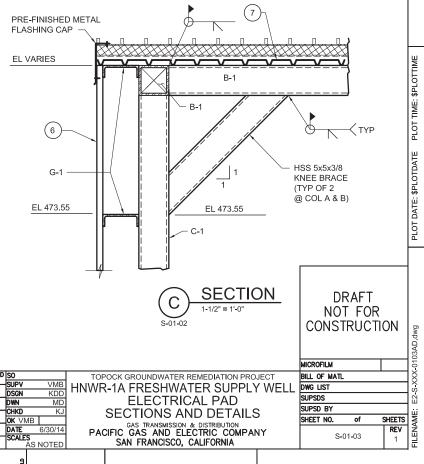


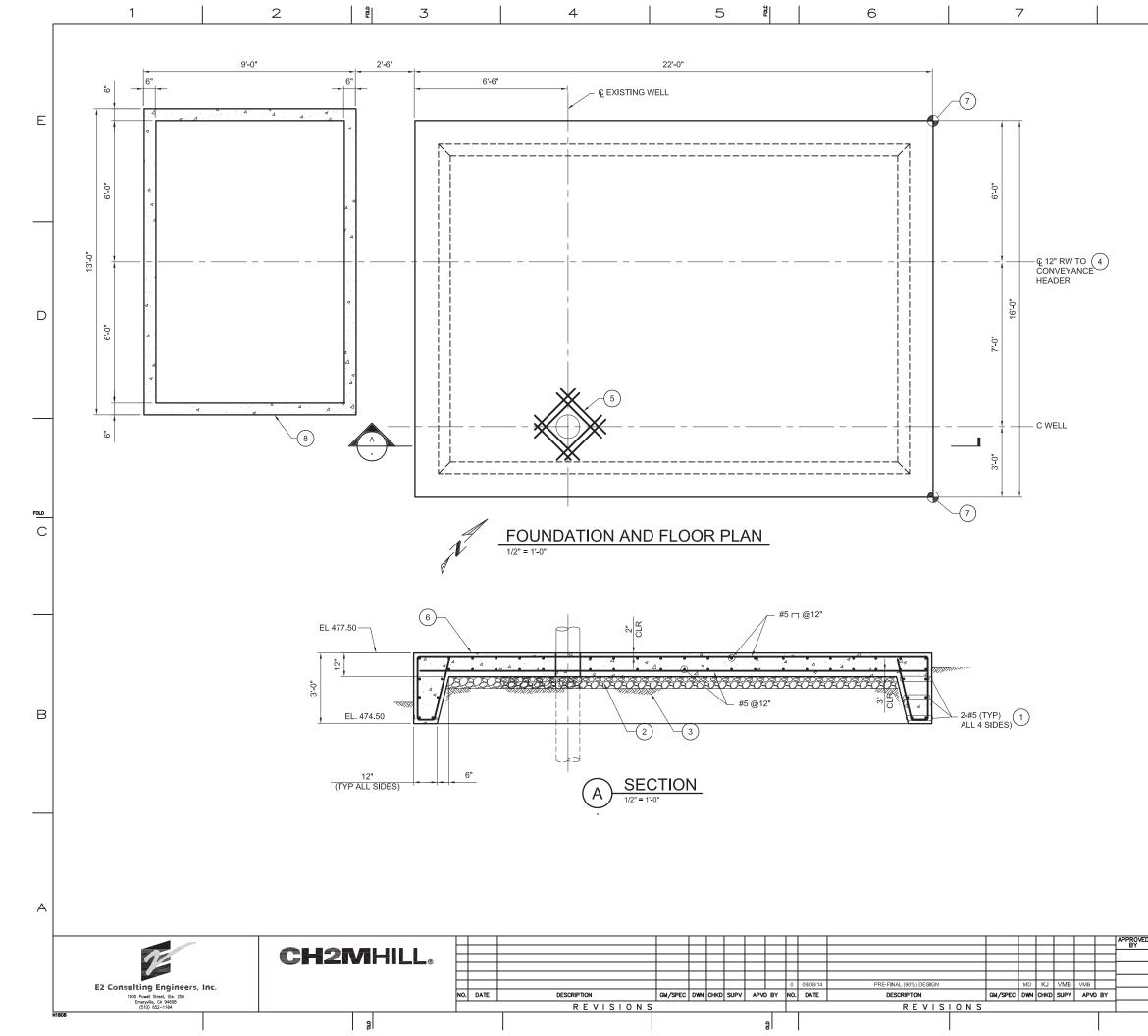




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6" CRUSHED DRAIN ROCK

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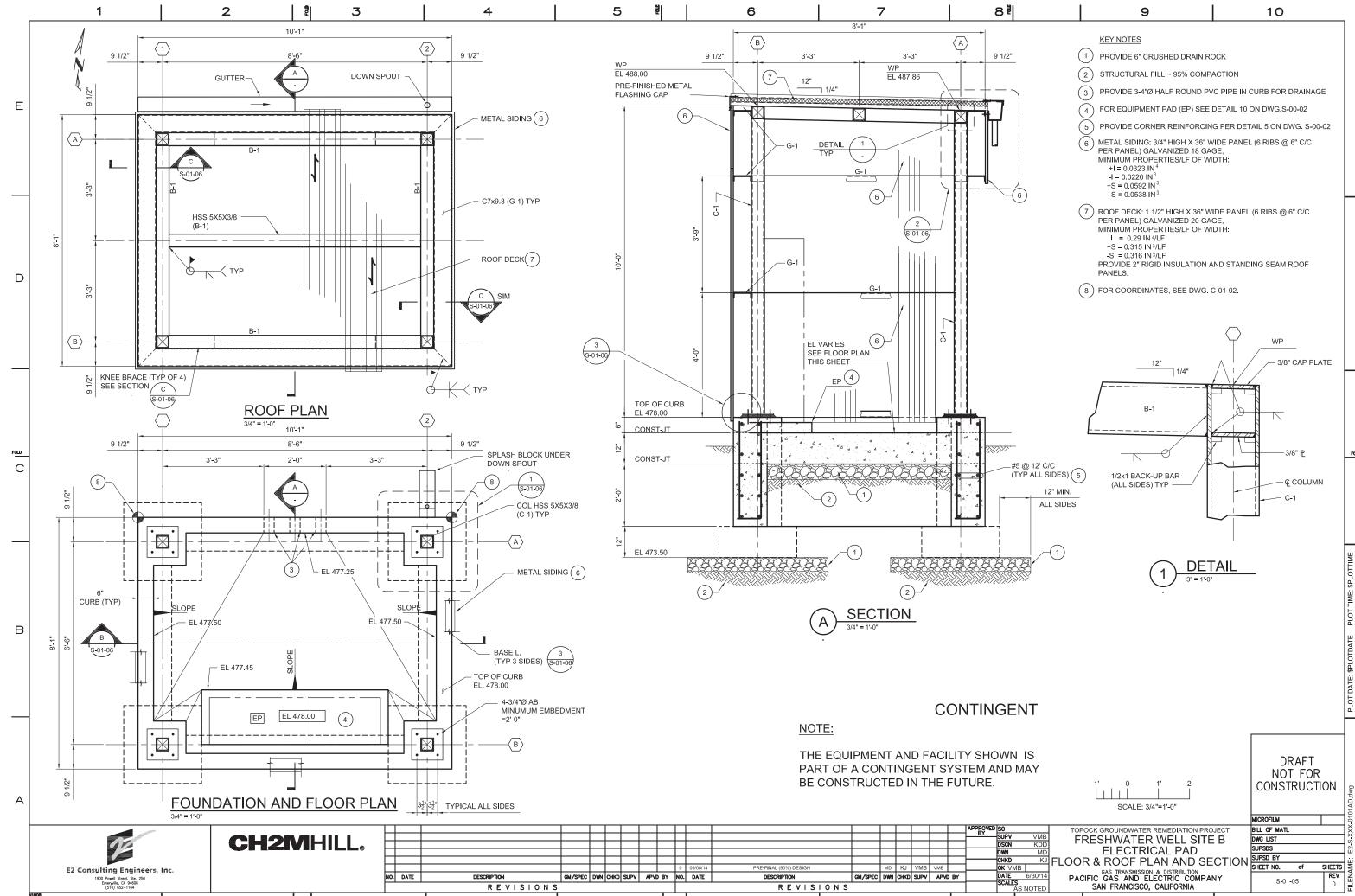
# CONTINGENT

## NOTE:

### THE EQUIPMENT AND FACILITY SHOWN IS PART OF A CONTINGENT SYSTEM AND MAY BE CONSTRUCTED IN THE FUTURE.

	2' 0 2' 4' 	DRAFT NOT FOR CONSTRUCTI	ON
		MICROFILM	
SO		BILL OF MATL	
SUPV VIV		DWG LIST	
DSGN KD DWN N		SUPSDS	
		SUPSD BY	
OK VMB		SHEET NO. of	SHEETS
DATE 6/30/ SCALES 1/2=1'-	- FACIFIC GAS AND ELECTRIC COMPANY	S-01-04	SHEETS REV 0
3			

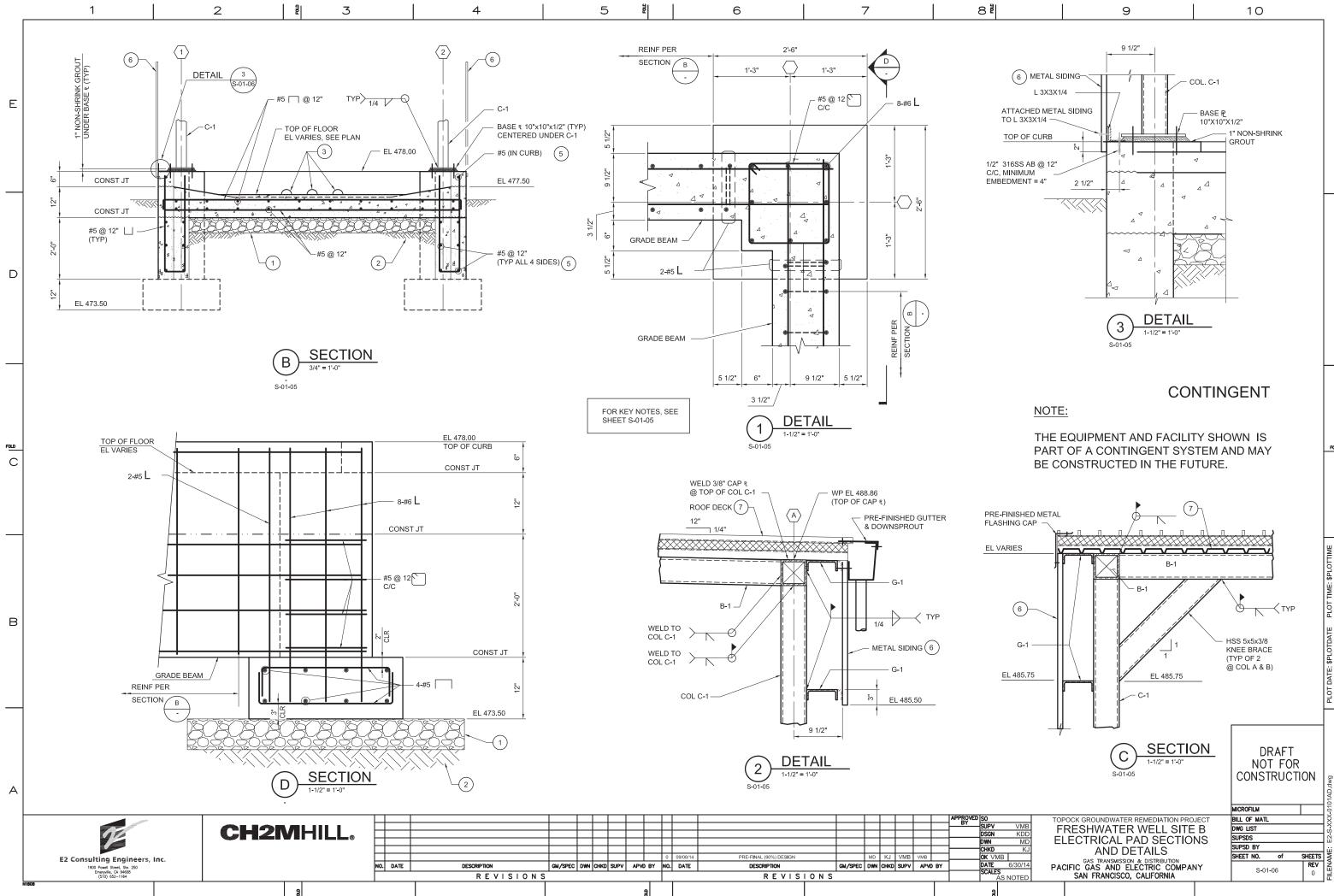
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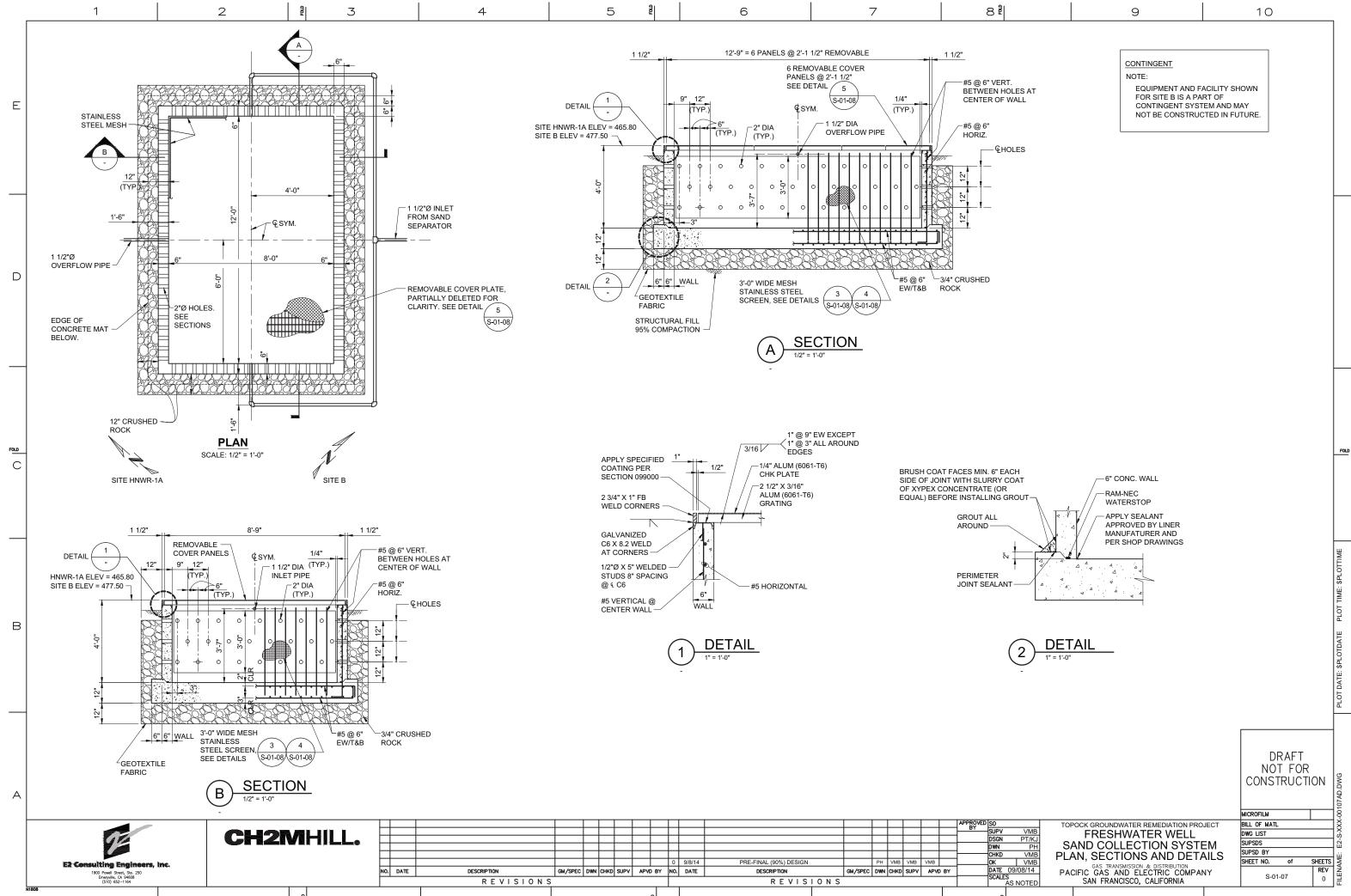
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AS NOTED



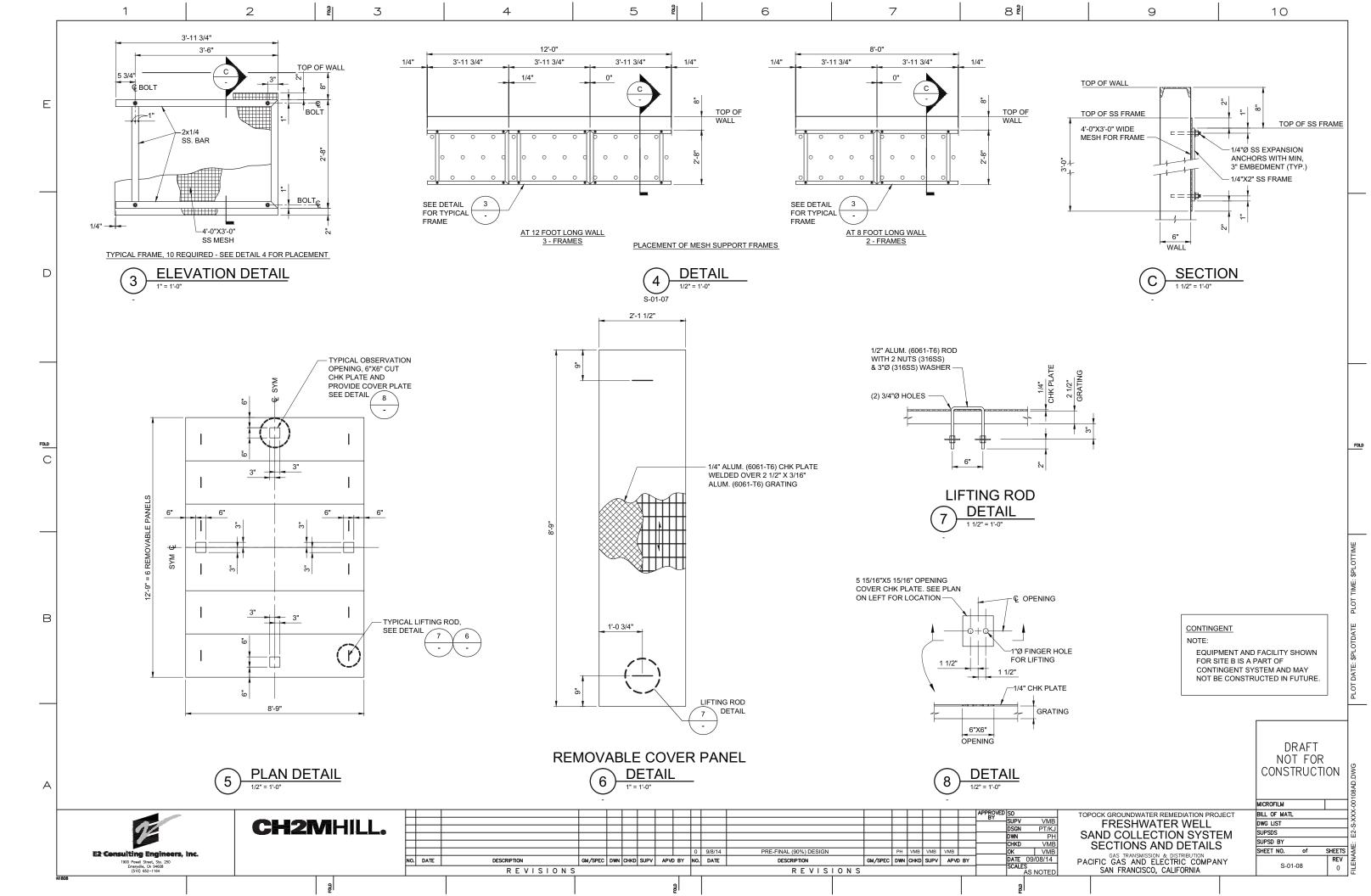




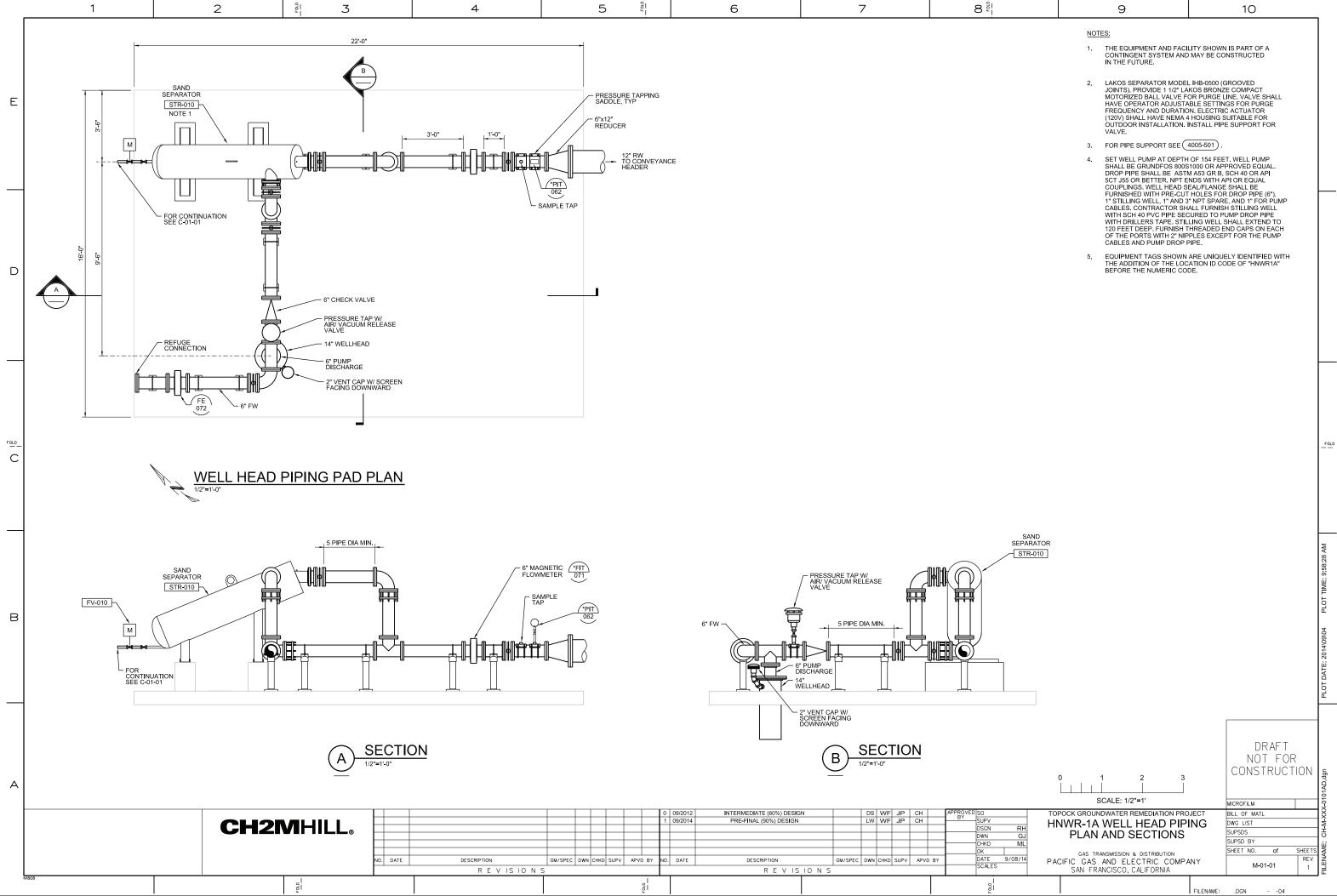


ubbard/CAD/Topock/E2-S-XXX-0107\_dwg\_22X34\_8/27/2

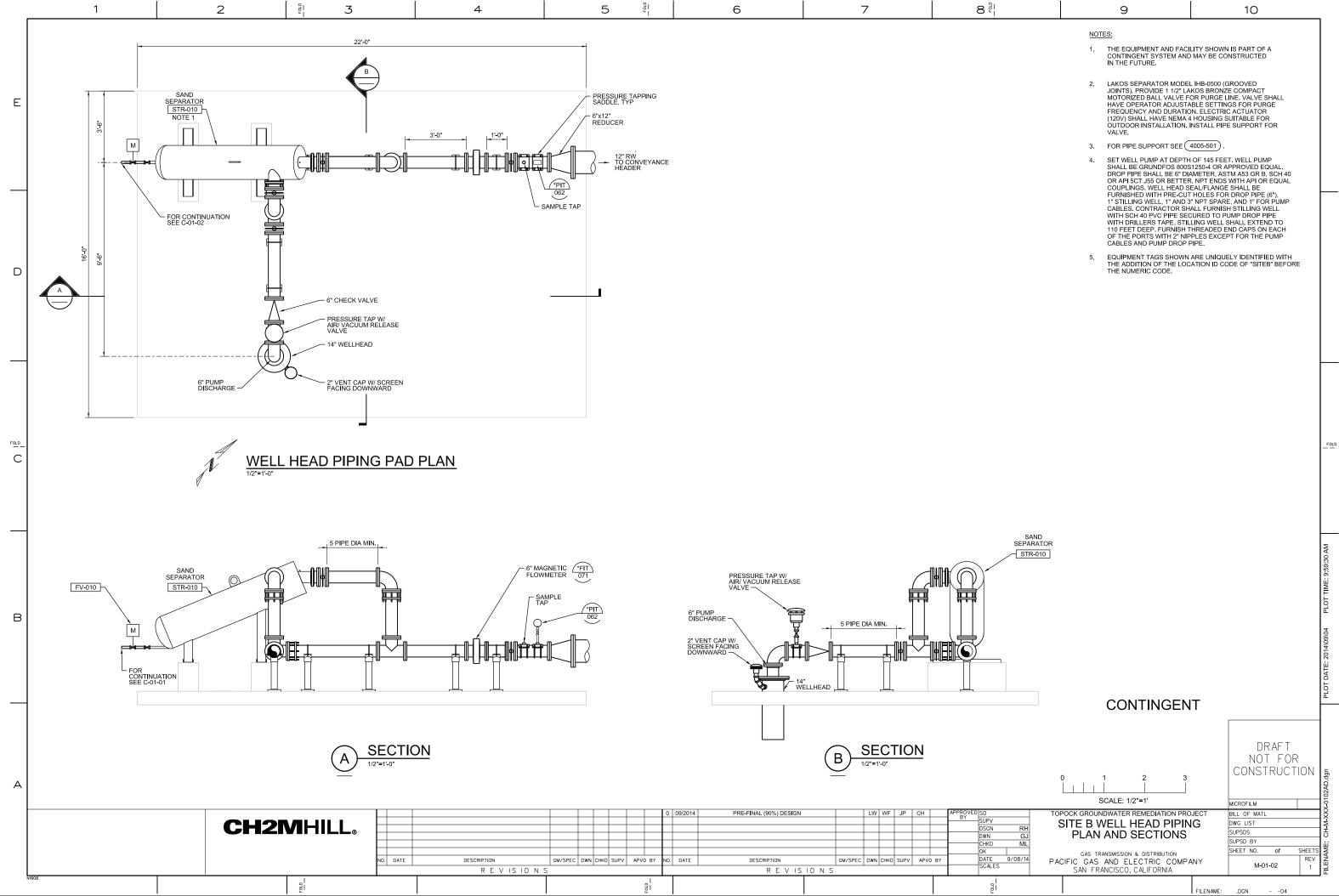
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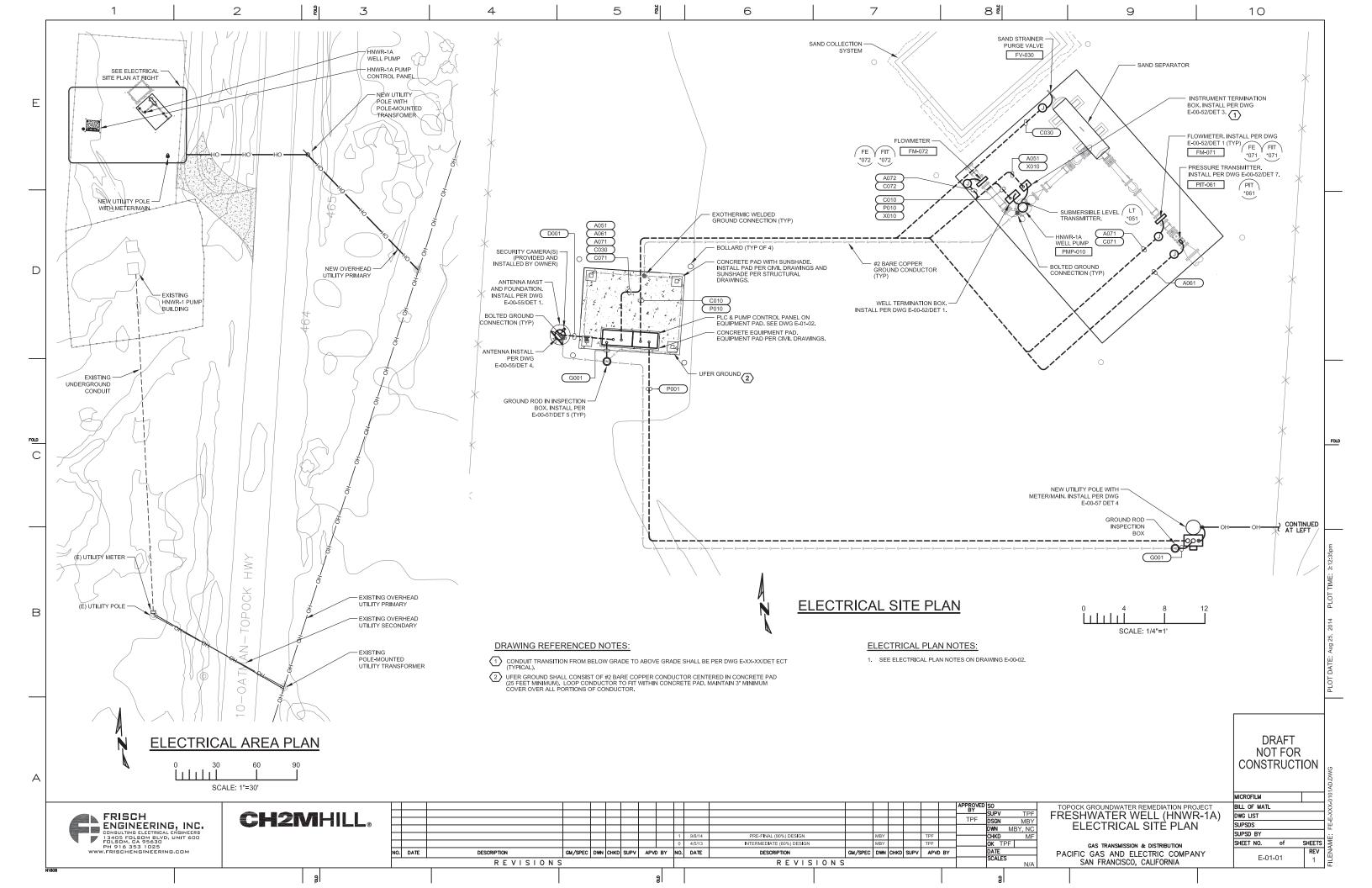
#stypeter.hubbard/CAD\Topock\E2-5-XXX-0108.dwg, 22X34, 8/27/2014 9:46:4

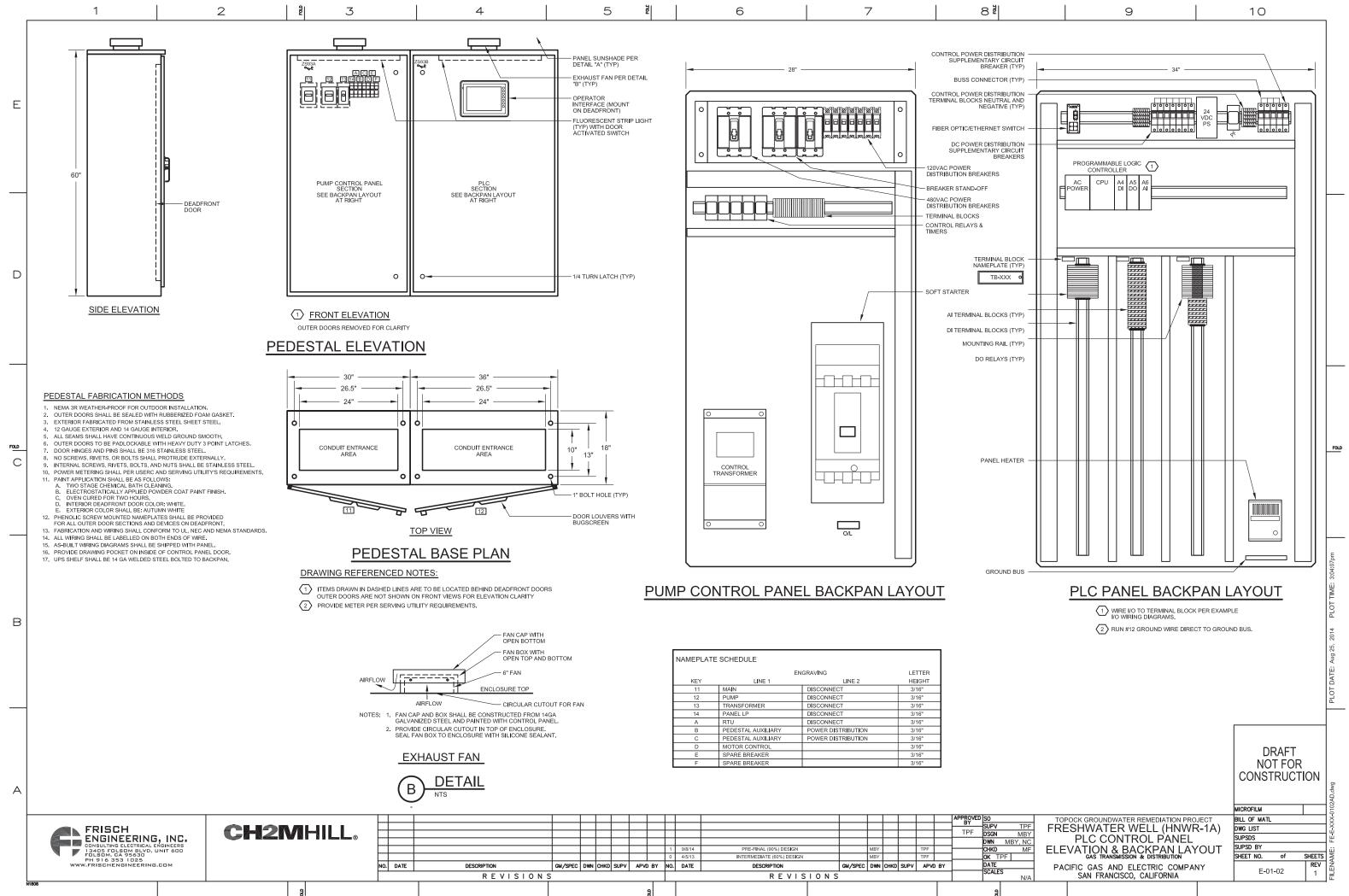


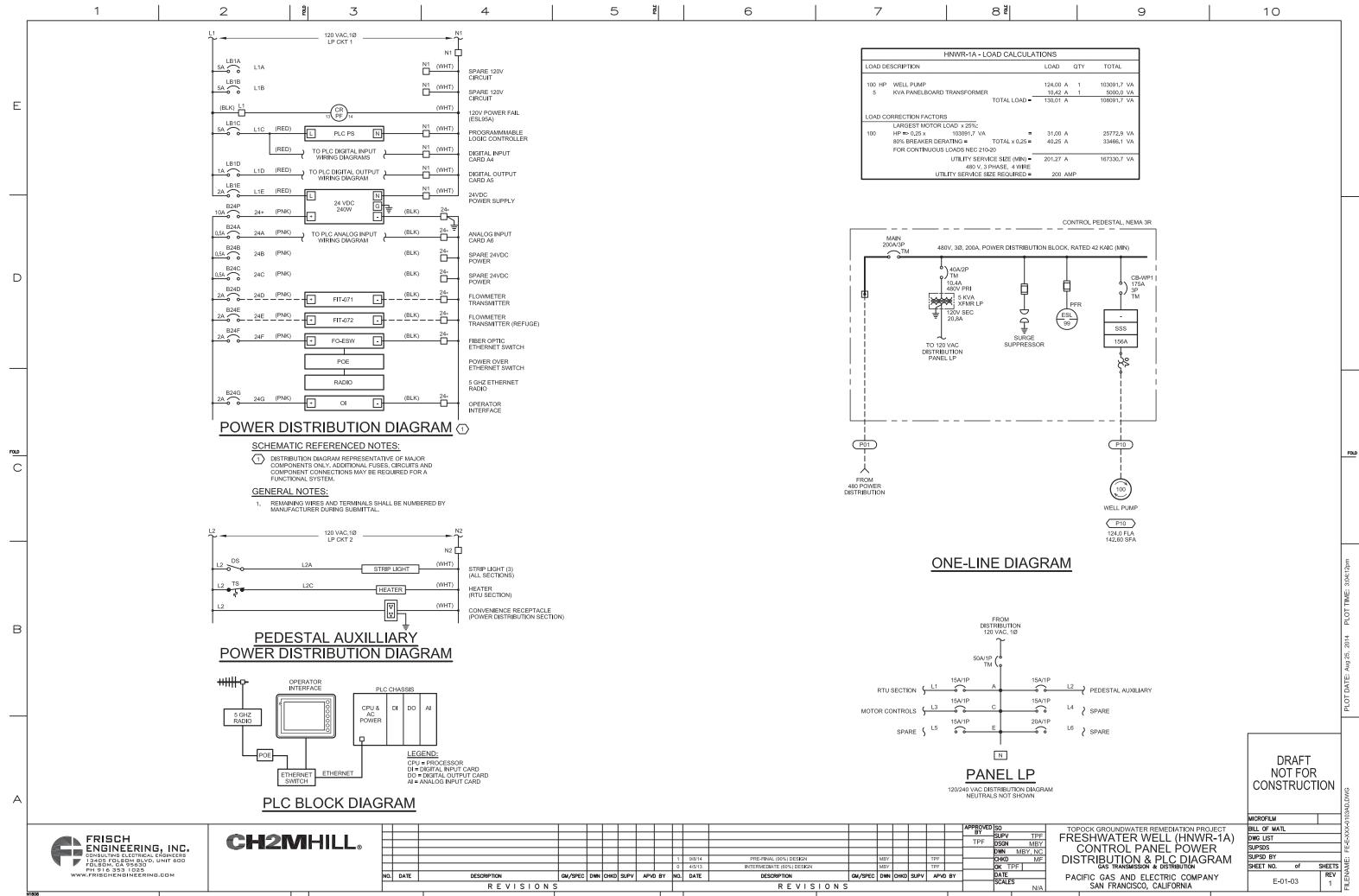
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	NOTES:		
	1.	THE EQUIPMENT AND FACI CONTINGENT SYSTEM AND IN THE FUTURE.	
	2.	HAVE OPERATOR ADJUSTA FREQUENCY AND DURATIO (120V) SHALL HAVE NEMA 4	KOS BRONZE COMPACT DR PURGE LINE. VALVE SHALL BLE SETTINGS FOR PURGE N. ELECTRIC ACTUATOR
	3.	FOR PIPE SUPPORT SEE	4005-501
	4.	DROP PIPE SHALL BE ASTM 5CT J55 OR BETTER. NPT E COUPLINGS. WELL HEAD SI FURNISHED WITH PRE-CUT 1" STILLING WELL, 1" AND 3 CABLES. CONTRACTOR SH. WITH SCH 40 PVC PIPE SEC WITH DRILLERS TAPE. STIL 120 FEET DEEP. FURNISH T	1000 OR APPROVED EQUAL. 1 A53 GR B, SCH 40 OR API NDS WITH API OR EQUAL SAL/FLANGE SHALL BE HOLES FOR DROP PIPE (6"), " NPT SPARE, AND 1" FOR PUMP ALL FURNISH STILLING WELL URED TO PUMP DROP PIPE LING WELL SHALL EXTEND TO HREADED END CAPS ON EACH PLES EXCEPT FOR THE PUMP
	5.		ARE UNIQUELY IDENTIFIED WITH ATION ID CODE OF "HNWR1A" DE.



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	NOTES:		
	CONTIN		LITY SHOWN IS PART OF A MAY BE CONSTRUCTED
	JOINTS MOTOR HAVE O FREQUI (120V) S	PROVIDE 1 1/2" LA IZED BALL VALVE F PERATOR ADJUSTA ENCY AND DURATIC HALL HAVE NEMA 4	LIHB-0500 (GROOVED KOS BRONZE COMPACT OR PURGE LINE. VALVE SHALL BILE SETTINGS FOR PURGE IN. ELECTRIC ACTUATOR HOUSING SUITABLE FOR INSTALL PIPE SUPPORT FOR
	3. FOR PIF	E SUPPORT SEE	4005-501.
	SHALL I DROP F COUPLI FURNIS 1" STILL CABLES WITH 3 110 FEE 0 F THE	BE GRUNDFOS 8005 IPE SHALL BE 6" DI/ SCT J55 OR BETTEFNGS. WELL HEAD S HED WITH PRE-CUT ING WELL, 1" AND 3 CONTRACTOR SH CONTRACTOR SH CONTRACTOR SH CONTRACTOR SH T DEEP. FURNISH T DEEP. FURNISH T	OF 145 FEET. WELL PUMP 11250-4 OR APPROVED EQUAL. AMETER, ASTM A53 GR B, SCH 40 3. NPT ENDS WITH API OR EQUAL EAUFLANGE SHALL BE I HOLES FOR DROP PIPE (6"), " NPT SPARE, AND 1" FOR PUMP ALL FURNISH STILLING WELL JURED TO PUMP DROP PIPE LING WELL SHALL EXTEND TO 'HREADED END CAPS ON EACH PLES EXCEPT FOR THE PUMP PIPE.
	THE AD		ARE UNIQUELY IDENTIFIED WITH ATION ID CODE OF "SITEB" BEFORE

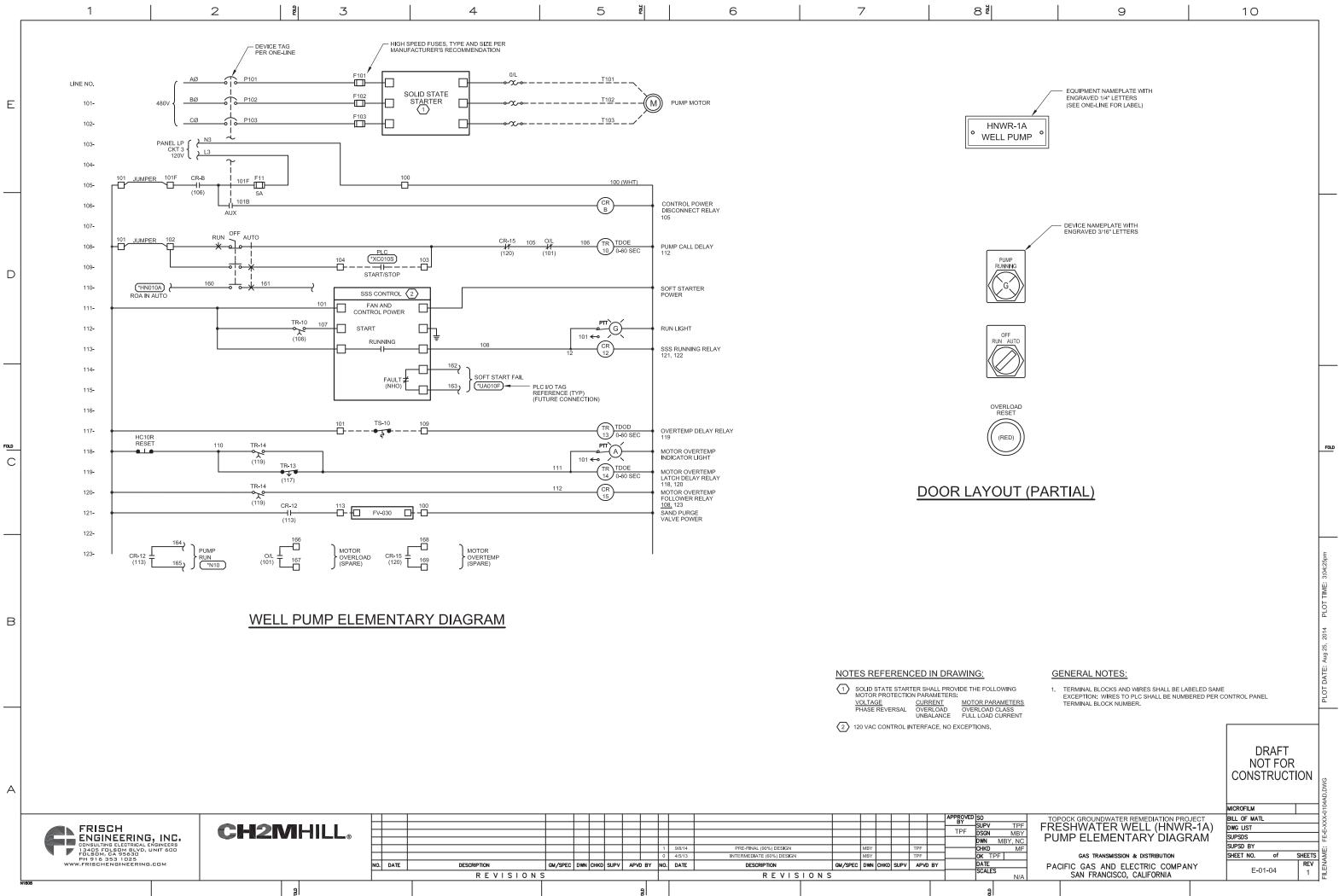






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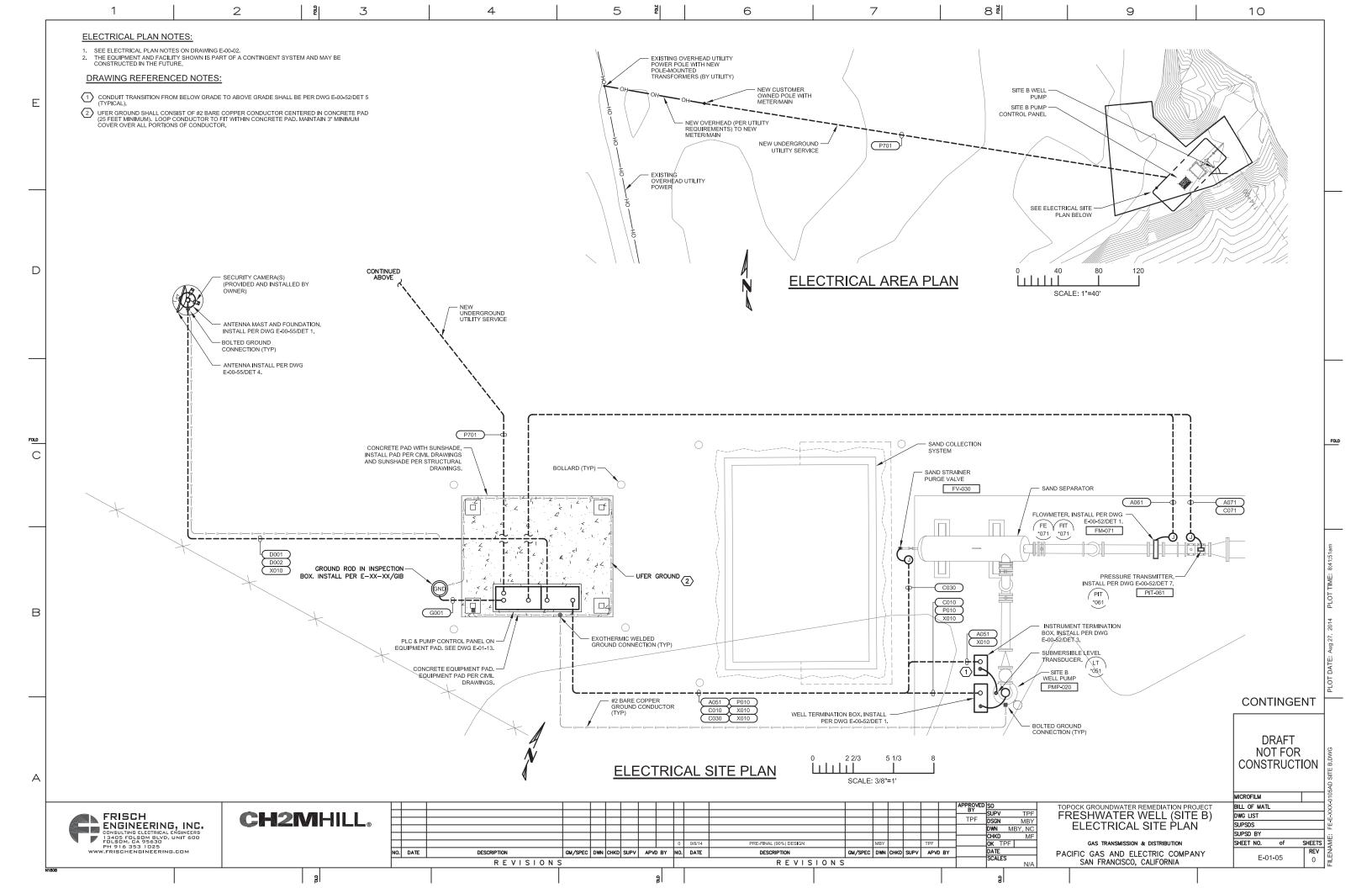
LCULATIONS				
	LOAD	QTY	TOTAL	
	124.00	A 1	103091.7	VA
	10.42	A 1	5000.0	VA
OAD =	130.01	А	108091.7	VA
=	31.00	А	25772.9	VA
0.25 =			33466.1	
0.20 -	40.20	~	00400.1	<i>…</i>
MIN) =	201.27	A	167330.7	VA
WIRE				
RED =	200	AMP		
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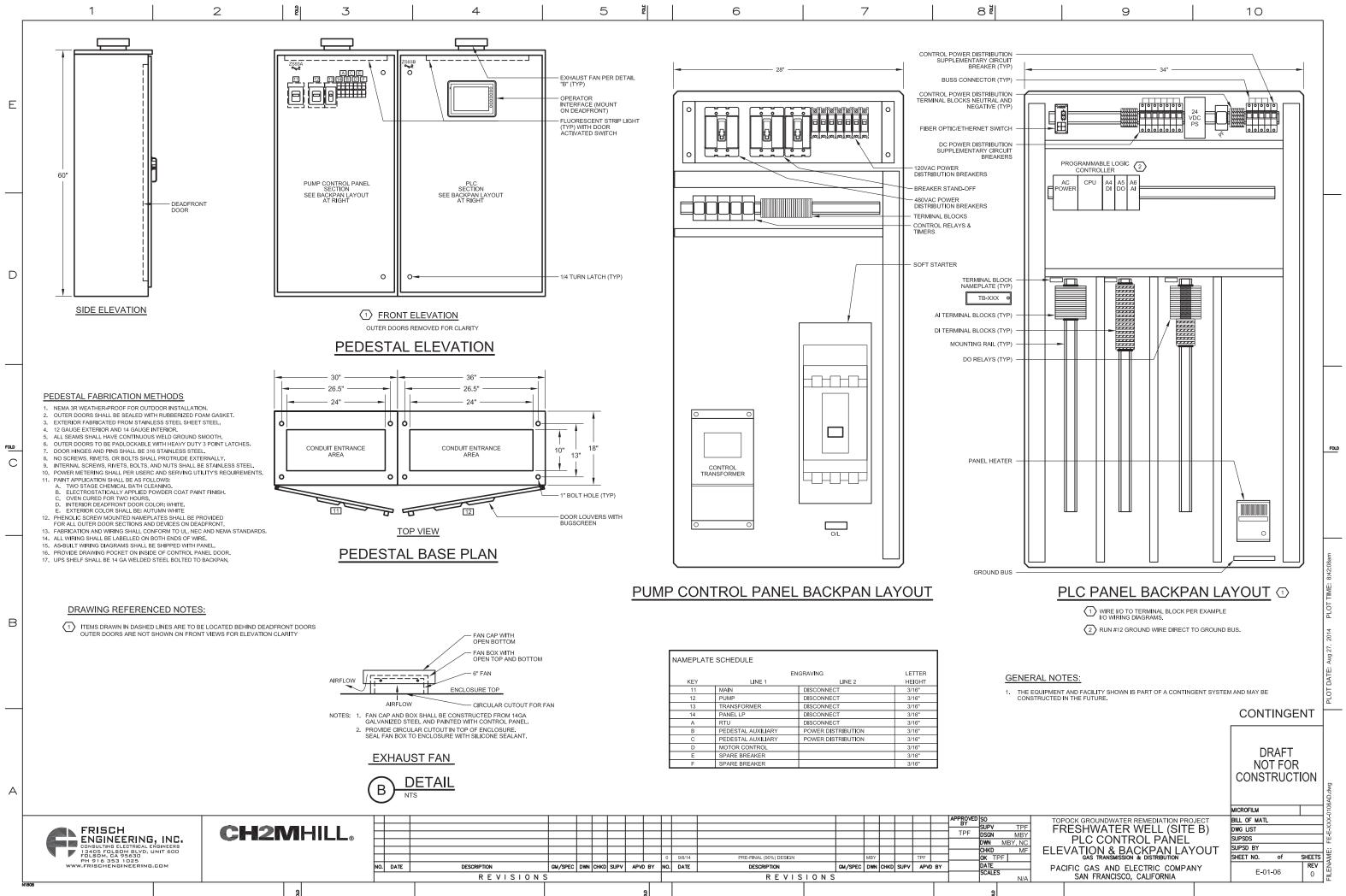


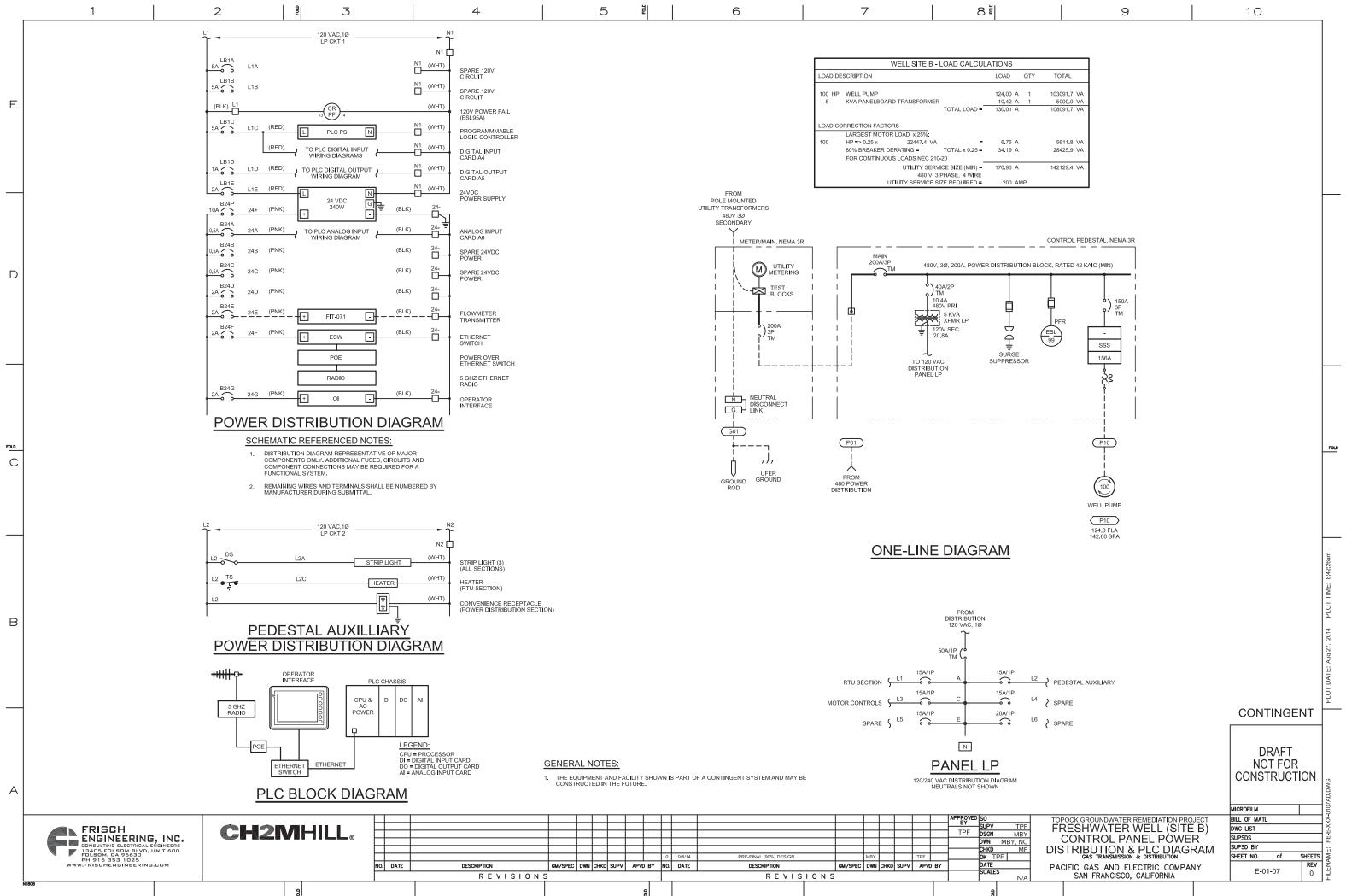


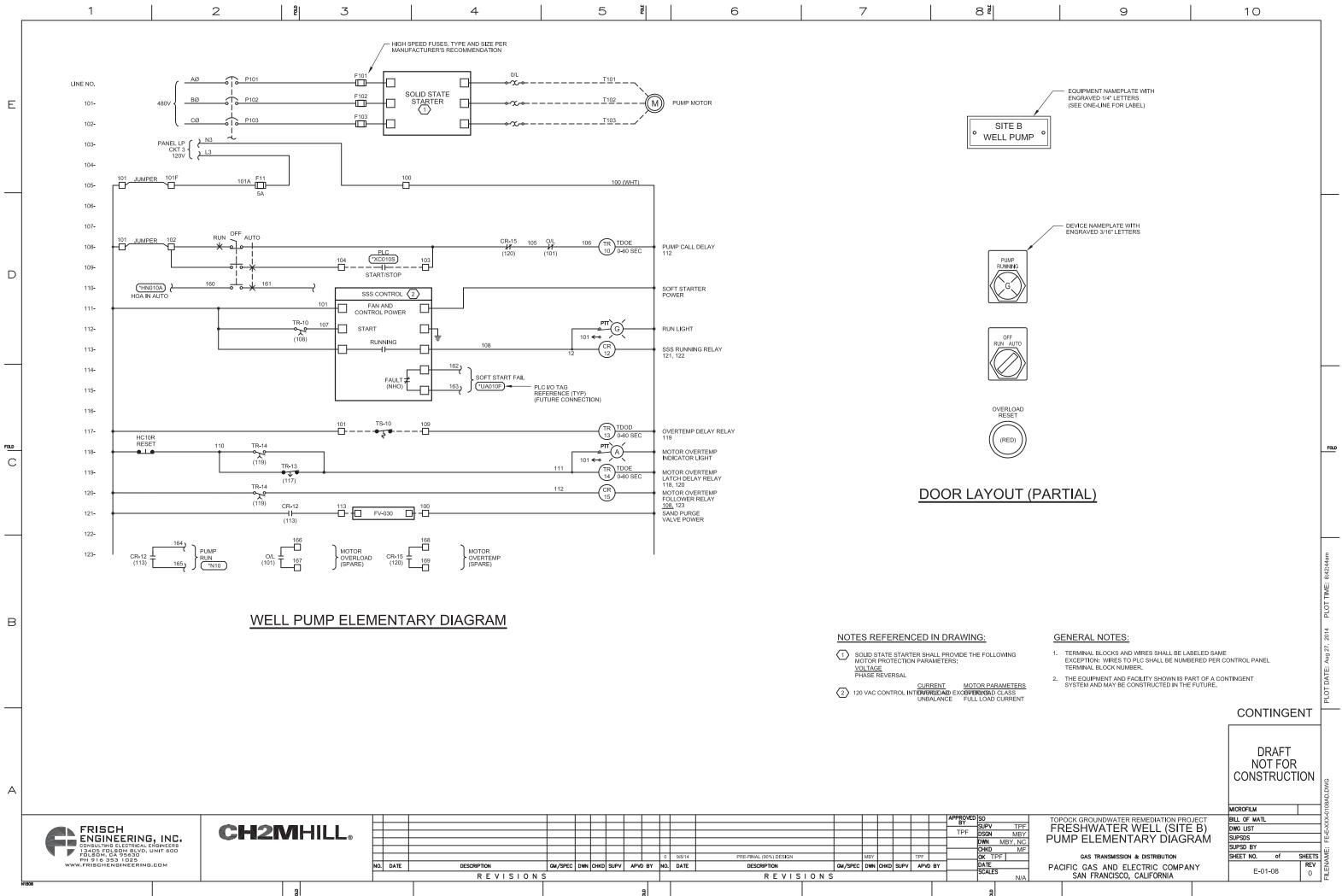


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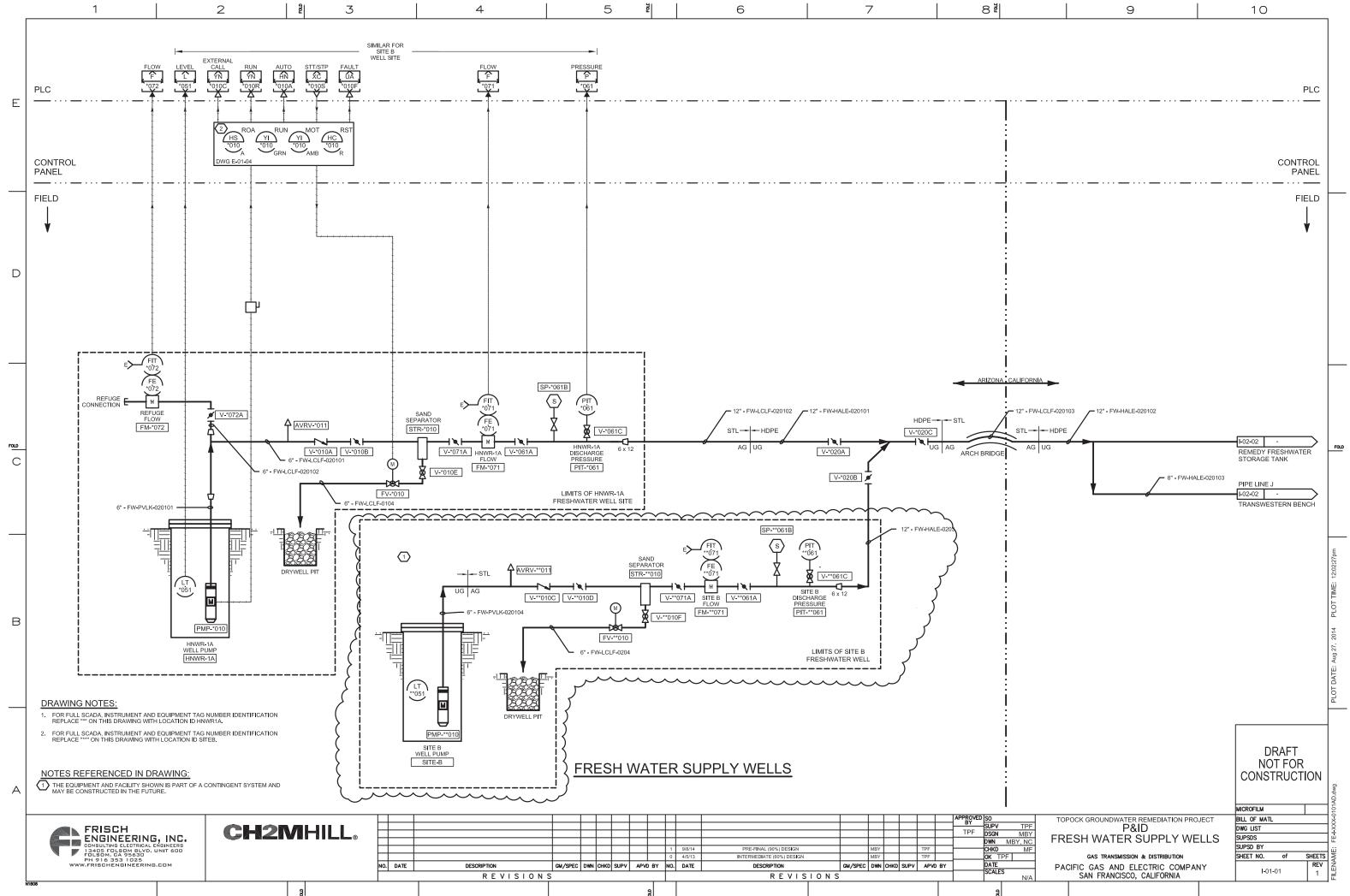








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