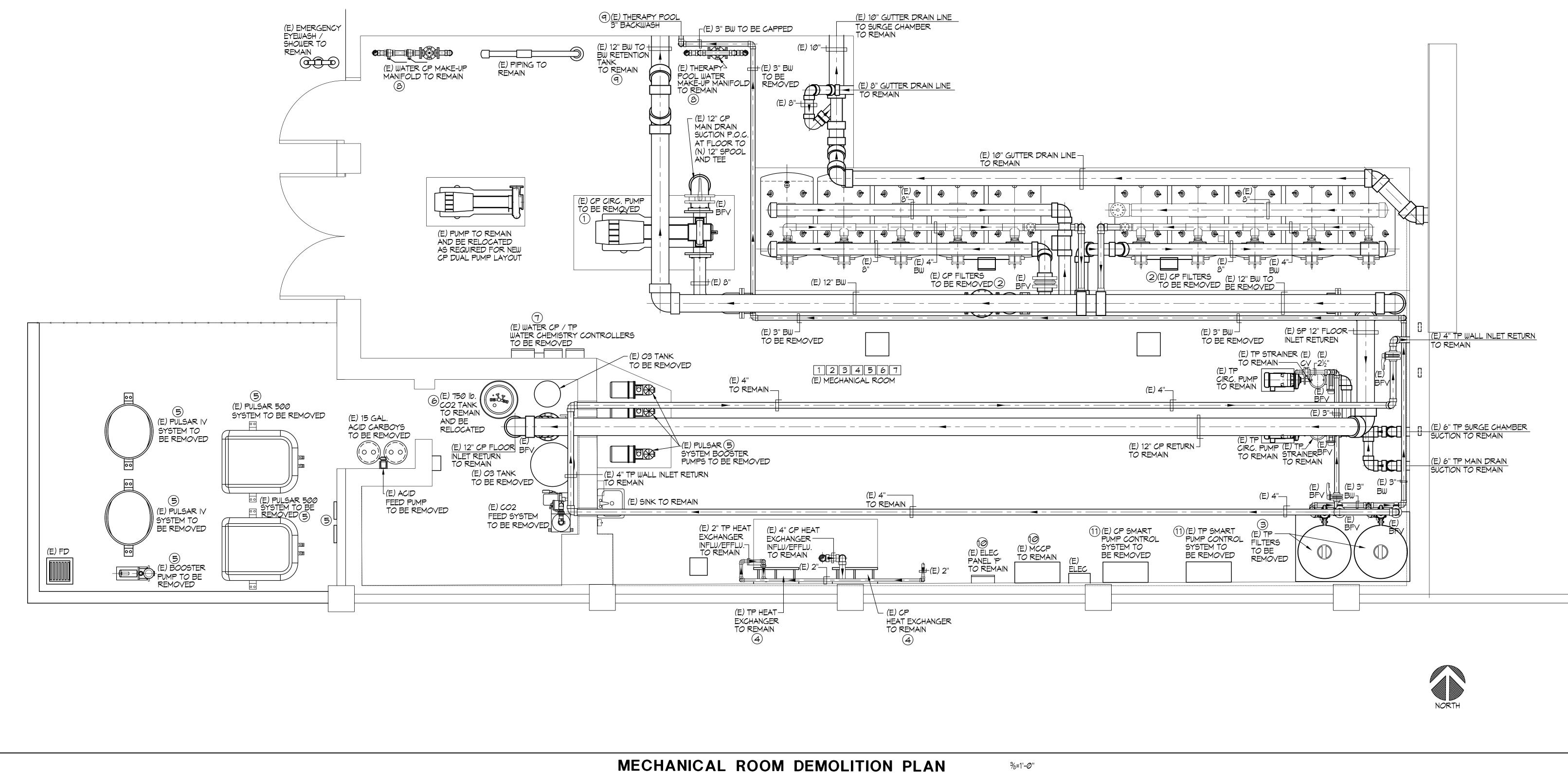
DEMOLITION NOTES (ALL DEMOLITION SHALL BE IN ACCORDANCE WITH CFC CHAPTER 33)

- 1 COORDINATE DEMOLITION WORK WITH THE OWNER, PROTECT ALL EXISTING WORK, BUILDINGS, PIPING, EQUIPMENT, UTILITIES, ETC. TO REMAIN.
- 2 REPAIR OR REPLACE ANY DAMAGED ITEMS DUE TO DEMOLITION AND/OR CONSTRUCTION.
- 3 COORDINATE INGRESS/EGRESS AND HAUL ROUTES WITH THE CONTRACTOR PRIOR TO START OF WORK. 4 THIS PLAN VIEW IS SHOWN FOR INFORMATION AND ASSISTANCE. THE CONTRACTOR IS RESPONSIBLE FOR INDIVIDUAL DIMENSIONS, ELEVATIONS, TAKE-OFFS AND ESTIMATIONS WITH REGARD TO DEMOLITION,
- PREPARATION, AS WELL AS MEANS AND METHODS OF CONSTRUCTION AND SHALL VISIT THE SITE AS REQUIRED TO ACCOMPLISH THE WORK, AND TO BECOME FAMILAR WITH SCOPE AND SERVICES OF WORK REQUIRED.
- 5 THE OWNER SHALL IDENTIFY, REMOVE, SALVAGE ANY ITEMS AS DESIRED PRIOR TO CONTRACTOR MOVE-IN.
- 6 COORDINATE DEMOLITION AND POINTS OF CONNECTION WITH EXISTING UTILITIES, AND PIPING SYSTEMS IN THE FIELD TO ALLOW NEW WORK TO BE ACCOMPLISHED IN THE BEST FASHION.
- [7] CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND HAULING OFF OF ALL MECHANICAL EQUIPMENT, PIPING, VALVING, AND THE LIKE, AND LEGALLY DISPOSING OF ALL SUCH MATERIAL FROM THE SITE AS PART OF THE OVERALL BASE BID.



EQUIPMENT LIST (EXISTING)

- (1) (E) COMPETITION POOL CIRCULATION PUMP TO BE REMOVED: 'PACO' 8015-3 OR 4: 8"X10" SPLIT CASE CENTRIFUGAL PUMP; 1150 RPM 460V, 3PH; 60HP; RATED AT 2,075 GPM @ 78 HIGH EFFICIENCY TEFC MOTOR: EPOXY COAT ALL WET SURFACES.
- (2) (E) COMPETITION POOL FILTERS TO BE REMOVED: TWO (2) SETS OF EPD-501 FULLY AUTO MEDIA FILTERS WITH 8" FACE PIPING AND 4" AUTOMATIC BACKWASH AT 2,170 GPM FLOW R WITH INFLUENT/EFFLUENT GAUGES, 'SIGNET' FLOSENSOR AND INTERCONNECTS. 67.5 SQ. FT RATED AT 1,080 GPM (2,160 GPM COMBINED) AT 16 GPM/SQ. FT OF FILTER AREA. REMO EXISTING FILTERS AND RELOCATE EXISTING FLOW METER PER PLANS.
- (3) (E) THERAPY POOL FILTERS TO BE REMOVED: 'PENTAIR' TWO (2) TR-140 HI-RATE PERMAN WITH 14.12 SQ. FT. OF FILTER AREA RATED AT 212 GPM AT 15 GPM/SQ. FT. COMPLETE WITH 4" FACE PIPING AND 4" BACKWASH.
- (4) (E) HEAT EXCHANGERS TO REMAIN FOR BOTH POOLS.
- (5) (E) PULSAR AND ACID FEED SYSTEMS TO BE REMOVED INCLUDING FEED UNITS, CONTROLLERS, BOSTER PUMPS AND PIPING, VALVING AND CONTROLS.
- (6) (E) CARBON DIOXIDE 7501b. STORAGE TANK TO REMAIN. REMOVE EXITING FEED SYSTEM AND PIPING.
- (7) (E) WATER CHEMISTRY CONTROLLERS TO BE REMOVED. (8) (E) FILL SYSTEMS TO REMAIN: 3" 'CLA-VAL' FILL SYSTEM FROM DOMESTIC SOURCE PROTECTED WITH REDUCED
- PRESSURE BACKFLOW PREVENTOR.
- (9) (E) BACKWASH PIT AND PIPING TO REMAIN. P.O.C. TO TO EXISTING BACKWASH PIPING PER PLAN. (0) (E) ELECTRICAL TO REMAIN AND TO BE MODIFIED PER PLANS: PROVIDE ALL ELECTRICAL WIRING, CONDUIT, PANEL(S), STARTER/DISCONNECT(S) INTERCONNECT(S) ETC. AS REQUIRED FOR PROPER EQUIPMENT
- INSTALLATION PER MANUFACTURERS RECOMMENDATIONS AND SHOP DRAWINGS. (11) (E) VARIABLE SPEED DRIVES TO BE REMOVED AND REPLACED PER PLANS.
- (12) (E) THERAPY POOL CIRCULATION PUMP(S) TO REMAIN: PACO TYPE 'LC' #10UN-2595-7, 200 GPM AT 68' TDH 1750 RPM, 208-230/460V 3PH 71/2 HP. TWO (2) TOTAL. CONFIGURED TO OPERATE ONE AT A TIME WITH 2ND PUMP LOCKED OUT.

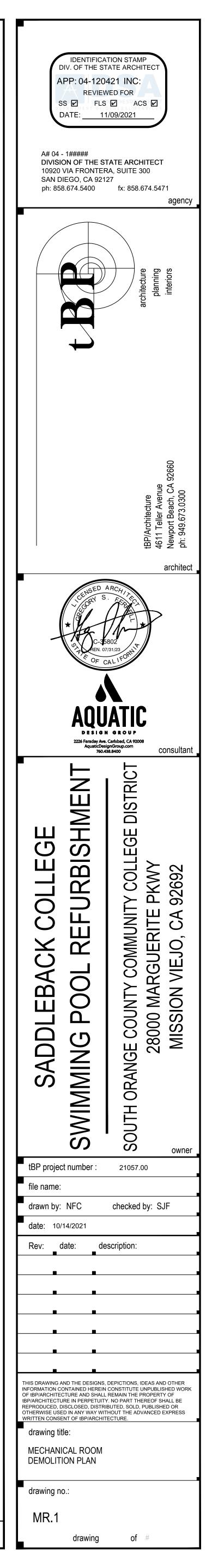
ITEM	OPERATIONAL WEIGHT OF EXISTING ITEM	OPERATIONAL WEIGHT OF NEW ITEM
COMPETITION POOL EA. CIRCULATION PUMP	2,000 lbs.	2,000 lbs.
COMPETITION POOL EA. FILTER	4,000 lbs.	6,109 lbs.
THERAPY POOL EA. FILTER	1,060 lbs.	4,000 lbs.
VARIABLE SPEED DRIVES	317 lbs.	317 lbs.
WATER CHEMISTRY CONTROLLER	17 lbs.	17 lbs.

NOTE: ALL NEW EQUIPMENT OPERATION WEIGHTS ARE SHOWN ON SHEET MR.2 EQUIPMENT LIST.

"X15" TYPE 'KP' FT TDH; 88% EFFICIENT;	BW
OMATIC HI-RATE PERMANENT RATE. COMPLETE	CV
T. OF FILTER AREA DVE AND REPLACE	CP TP
NENT MEDIA FILTERS	(E)

LEGEND

BW	=	BACKWASH
BFV	=	BUTTERFLY VALVE
CV	=	CHECK VALVE
CP	=	COMPETITION POOL
TP	=	THERAPY POOL
(E)	=	EXISTING







2 6 1-2 6 MR.3 MR.3 MR.4 MR.4 (F

(4-6)(1-2)(6) (MR.3) MR.4 (MR.4) ~

\/3-4\/6 (MR.4) (MR.4) (MR.4)

(1) (N) COMPETITION POOL STRAINER: 'MER-MADE' F.O. SERIES FRP REDUCING BASKET STRAINER: TWO (2) 12'X10" STANDARD, WITH ACRYLIC LID AND TWO (2) STAINLESS STEEL STRAINERS EA. (1501bs. (N) COMPETITION POOL CIRCULATION PUMP(S): TWO (2) 'PACO' #8015-3, 8"X10"X15" TYPE 'KPV' END SUCTION CENTRIFUGAL PUMP: 1150 RPM 460V, 3PH; 50HP; RATED AT 2,085 GPM @ 65 FT. TDH; 86% EFFICIENT; PREMIMUM EFFICIENCY TEFC MOTOR; EPOXY COAT ALL WET SURFACES. 'PACO', 'AURORA' OR EQUAL. (2,000 lbs. EA.) PROVIDE SMART PUMP CONTROL SYSTEM SPCS #SPCS050BC4A (38"X32"X16") VARIABLE FREQUENCY DRIVE FOR USE WITH 'BECSUS 7' CONTROLLER. COORDINATE MOUNTING LOCATION TO MAINTAIN DESIRED CLEARANCES, 460V 3PH. (317 lbs.) WIRE VSD TO PROVIDE FOR ONE (1) PUMP OPERATION AT A TIME (100% FLOW) WITH A SECOND PUMP LOCKOUT. 1 6 5 MR.3 MR.4 MR.5 (N) COMPETITION POOL FILTERS: 'EPD' MODEL EPD-7120 AUTOMATIC FILTER CONTROL (AFC) FULLY AUTOMATIC HI-RATE PERMANENT MEDIA FILTER WITH 140 SQ. FT. OF FILTER AREA RATED AT 2,100 GPM AT 15 GPM/SQ. FT. COMPLETE WITH 1 PERMANENT MEDIA FILTER WITH 140 SQ. FT. OF FILTER AREA RATED AT 2,100 GPM AT 15 GPM/SQ. FT. COMPLETE WITH 12 FACE PIPING, 6" BACKWASH, SEISMIC ANCHORAGE. PROVIDE ALL UTILITIES, PIPING, VALVING ETC. (6,109 lbs EACH TANK) PROVIDE ONE (1) SIGNET MK-515 FLOSENSOR WITH DIGITAL READ-OUT.

(MR.3) (MR.4) (N) THERAPY POOL FILTER: ONE (1) 'EPD' MODEL EPD-150 AUTOMATIC FILTER CONTROL (AFC) FULLY AUTOMATIC HI-RATE PERMANENT MEDIA FILTER HITLE 13.5 GO ET OF FILTER AUTOMATIC FILTER CONTROL (AFC) FULLY AUTOMATIC COMPLETE WITH 4" FACE PIPING, 4" BACKWASH, SEISMIC ANCHORAGE. PROVIDE ALL UTILITIES, PIPING, VALVING ETC. (4,000 lbs) PROVIDE ONE (1) SIGNET MK-515 FLOSENSOR WITH DIGITAL READ-OUT

> (5) (N) CHLORINE STORAGE/FEED SYSTEM: PROVIDE 'CHEM-TAINER' BLACK 500 GALLON #TC5971DC; ONE (1) TOTAL DUAL STORAGE/CONTAINMENT TANK WITH LID SEISMICALLY RESTRAINED; OPERATING WEIGHT = (4,165lbs). COMPLIES WITH FED. REG #40CFR-264-193. COMPETITION POOL FEED PUMP SHALL 'LMI' SD43-88P-KSI: 288 GPD @ 15 PSI WITH FRP SHELF BRACKET. HARD PIPE TO POINT OF INJECTION. THERAPY POOL FEED PUMP SHALL BE 'STENNER' #85M5, 85 GPD AT 25 PSI. +(6) (N) ACID STORAGE/FEED SYSTEM: PROVIDE 'CHEM-TAINER' 350 GALLON #TC5256DC; DUAL STORAGE/CONTAINMENT TANK WITH LID SEISMICALLY RESTRAINED; OPERATING WEIGHT = (2,915/bs). COMPLIES WITH FED. REG #40CFR-264-193. FEED PUMPS SHALL PART OF THE CARBON DIOXIDE ALKALINITY CONTROL SYSTEM. PROVIDE 60 GALLON ACID VAPOR RECOVERY SYSTEM. ONE (1) TOTAL.

(7) (N) CARBON DIOXIDE STORAGE/FEED SYSTEM: UTILIZE (E) 'NOVO-750', 7501b. CRYOGENIC LIQUID CO2 STORAGE TANK 594 LIQUID Ibs., (5,195 CUBIC FEET OF GASEOUS CO2 AT NTP) AND PROVIDE ONE (1) NEW 'NOVO-750' CRYOGENIC LIQUID CO2 STORAGE TANK. TWO (2) TOTAL. PROVIDE EKO PH-MTS CO2 HIGH EFFICIENCY FEED SYSTEM WITH ALKALINITY CONTROL. @ TO 160 SCFH FEED CAPACITY BOOSTER PUMP. PIPING INJECTOR. FLOWMETER, RELAYS AND ACID FEED ALKALINITY CONTROL. TWO (2) SYSTEMS TOTAL (921bs. EA.) PROVIDE HARD WIRED 'ANALOX' #API KIT CO2 DETECTOR WITH AUDIBLE AND VISUAL ALARMS IN EACH CHEMICAL ROOM, UL 1971 STANDARD LISTED, ONE (1) TOTAL.

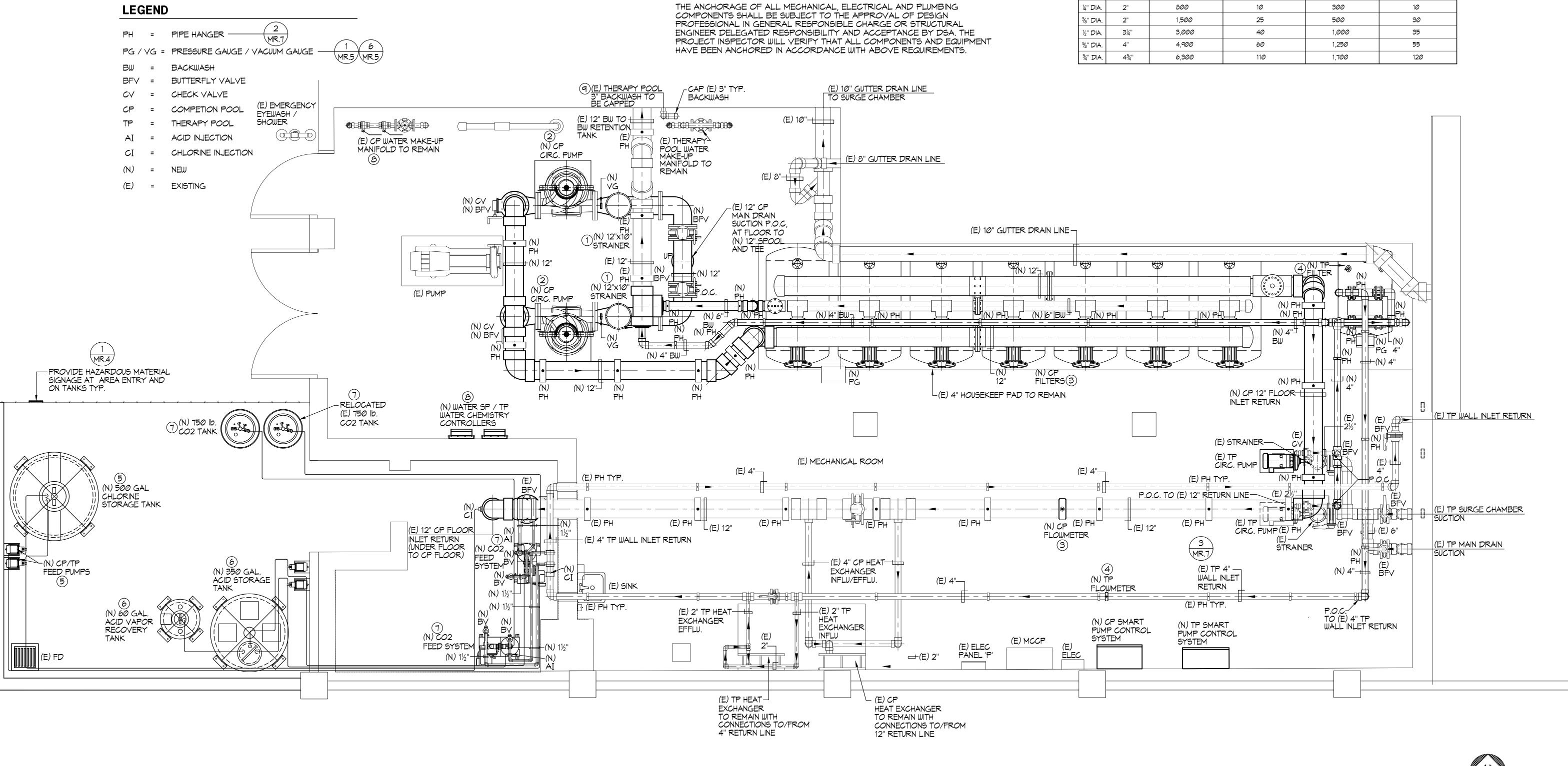
(N) WATER CHEMISTRY CONTROLLER(S): PROVIDE ETHERNET CONNECTIONS TO 'BECSYS' CS-BECSYS7-BP-E WATER CHEMISTRY CONTROLLERS FOR COMPETITION POOL AND THERAPY POOL PROVIDE COMPLETE SYSTEM CONTROL PACKAGE WITH DUAL CONTROL SET UP. TWO (2) TOTAL. 'BECSYS SYSTEM 7', 'IMPACT', 'WALLACE & TIERNAN' OR APPROVED EQUAL.

THREE PHASE MOTOR LOADS AT 460V

(N) COMPETITION POOL CIRCULATION PUMP(S): 50 HP @ 460V = 65 AMPS EA. TWO (2) TOTAL (E) THERAPY POOL CIRCULATION PUMP(S): $7\frac{1}{2}$ HP @ $460\sqrt{}$ = 11 AMPS EA. TWO (2) TOTAL

GENERAL NOTES

- 1. THE PIPING SYSTEM SHALL HAVE DIRECTION OF FLOW
- ARROWS INDICATED ON THE PIPES
- 2. PUBLIC POOLS SHALL HAVE A FLOW DIAGRAM OF THE POOL'S PIPING SYSTEM WITH OPERATION INSTRUCTIONS.
- 3. THE FLOW DIAGRAM AND INSTRUCTIONS SHALL BE AVAILABLE ON THE PREMISES AT ALL TIME



PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, 1617A.1.26

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., OSHPD OPM FOR 2019 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS. MECHANICAL PIPING (MP). MECHANICAL DUCTS (MD), PLUMBING PIPING (PP). ELECTRICAL DISTRIBUTION SYSTEMS (E):

 $\mathsf{MP} \boxtimes \mathsf{MD} \square \mathsf{PP} \boxtimes \mathsf{E} \square 1. \mathsf{SHALL} \mathsf{COMPLY} \mathsf{WITH} \mathsf{THE} \mathsf{APPLICABLE} \mathsf{OSHPD}$ PRE-APPROVAL (OPM #) OPM #0043-13 & #0052-13.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA - APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26 AND 30.

- 1. ALL PERMANENT EQUIPMENT AND COMPONENTS
- 2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT
- PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE. 3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL

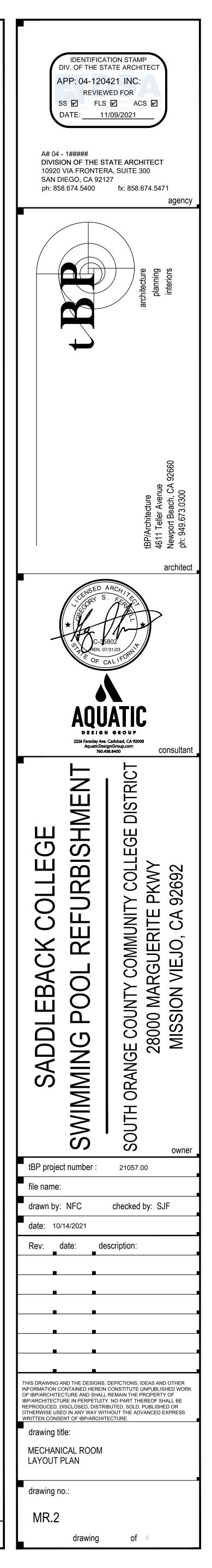
MECHANICAL ANCHORAGE

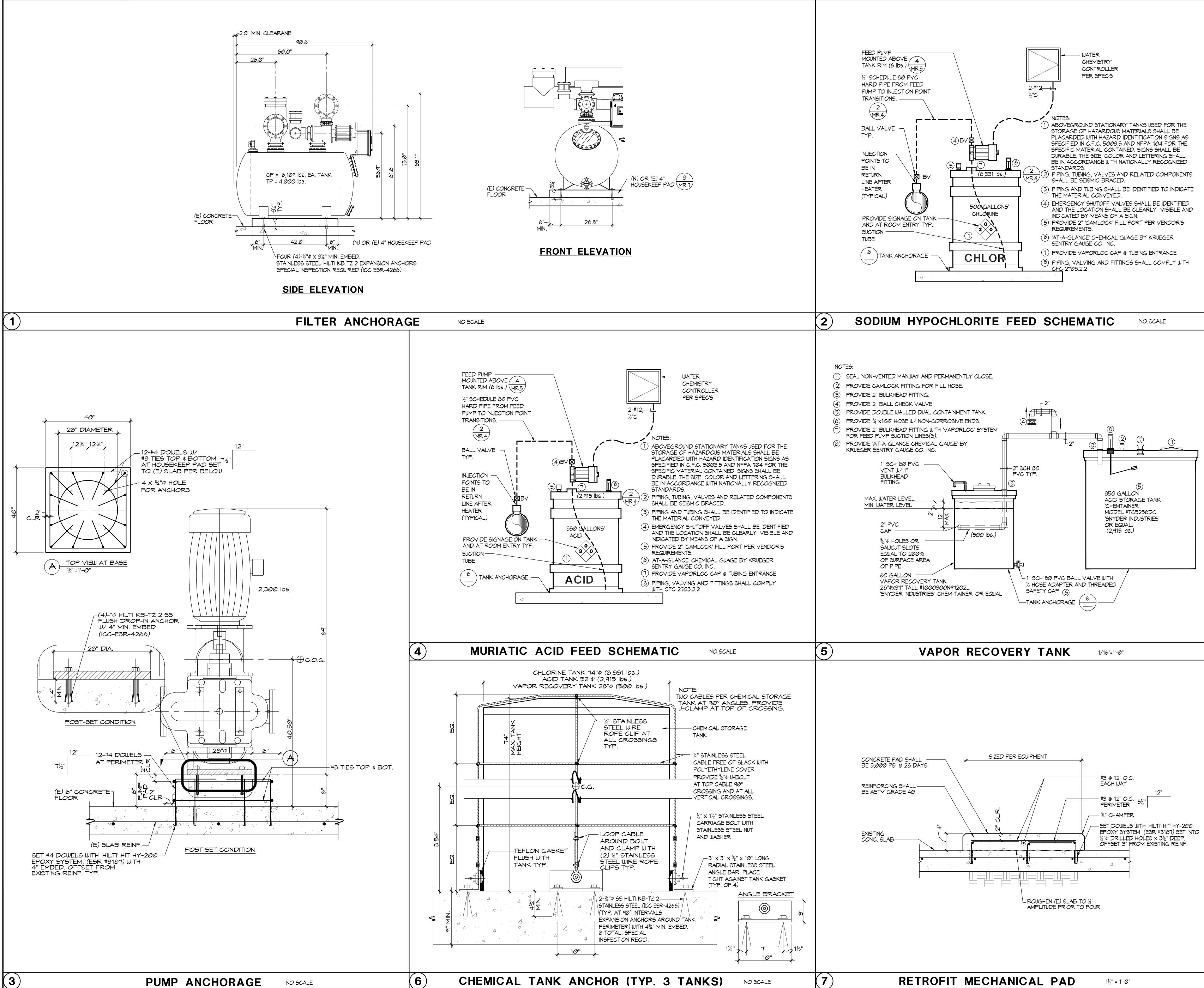
- 1. EXPANSION OR WEDGE ANCHORS INTO CONCRETE: HILTI KB TZ 2 (ICC ESSR-4266) OR SIMPSON STRONG BOLT (ICC ESR-1771) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- 2. EXPANSION OR WEDGE ANCHORS INTO MASONRY: HILTI KB 3 (ICC ESR-1385) OR SIMPSON WEDGE-ALL (ICC ESR-1396) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND
- MANUFACTURER'S RECOMMENDATIONS. 3. UNDERCUT ANCHORS INTO CONCRETE: HILTI HDA (ICC ESR-1546) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- 4. HEAVY DUTY SLEEVE ANCHORS INTO CONCRETE: HILTI HSL-3 (ICC ESR-1545) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- 5. FASTENERS SHALL BE STAINLESS STEEL FOR EXTERIOR USE OR WHEN EXPOSED TO WEATHER. PROVIDE GALVANIZED CARBON STEEL ANCHORS AT OTHER LOCATIONS. UNLESS OTHERWISE NOTED.
- 6. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2 ANCHOR DIAMETERS OR 1 INCH, WHICHEVER IS LARGER, OF SOUND CONCRETE BETWEEN THE DOWEL AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT. IF THE ANCHOR OR DOWEL MAY NOT BE SHIFTED AS NOTED ABOVE, THE STRUCTURAL ENGINEER WILL DETERMINE A NEW LOCATION.
- 7. LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH MECHANICAL ANCHORS.
- 8. ANCHORS SHALL BE PROOF-TESTED BY OWNER'S TESTING AND INSPECTION AGENCY.
- 9. TEST ANCHORS NO SOONER THAN 24 HOURS AFTER INSTALLATION. 10. APPLY TEST LOAD BY ANY METHOD THAT WILL EFFECTIVELY MEASURE THE TENSION OF THE ANCHOR SUCH AS DIRECT PULL WITH A HYDRAULIC JACK, TORQUE WRENCH, OR CALIBRATED SPRING LOADING DEVICES, ETC.
- 11. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY A BASE PLATE OR OTHER FIXTURE. IF RESTRAINT IS FOUND, LOOSEN AND SHIM OR REMOVE THE FIXTURE PRIOR TO TESTING.
- 12. UNLESS OTHERWISE NOTED, PROVIDE MINIMUM EMBEDMENT OF ANCHORS AS SHOWN IN TABLES BELOW.
- 13. TEST 50% OF ANCHORS PER ONE OF THE FOLLOWING METHODS AND IN ACCORDANCE WITH THE VALUES SHOWN IN THE TABLE:
- A. HYDRAULIC RAM METHOD: APPLY PROOF TEST LOAD WITHOUT REMOVING THE NUT. IF IT IS NOT POSSIBLE TO TEST WITH THE NUT INSTALLED, REPLACE THE NUT WITH A THREADED COUPLER TO THE LOAD. ANCHOR IS ACCEPTABLE IF NO MOVEMENT IS OBSERVED AT THE TEST LOAD. MOVEMENT MAY BE DETERMINED WHEN THE WASHER UNDER THE NUT BECOMES LOOSE
- B. TORQUE WRENCH METHOD: TEST ANCHORS TO THE TORQUE LOAD INDICATED IN THE TABLE WITH ONE-HALF TURN OF THE NUT.
- 14. IF ANY ANCHOR FAILS TESTING, REPLACE ANCHOR AND TEST ADDITIONAL ANCHORS OF THE SAME CATEGORY NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE TESTS PASS, THEN RESUME INITIAL TESTING FREQUENCY

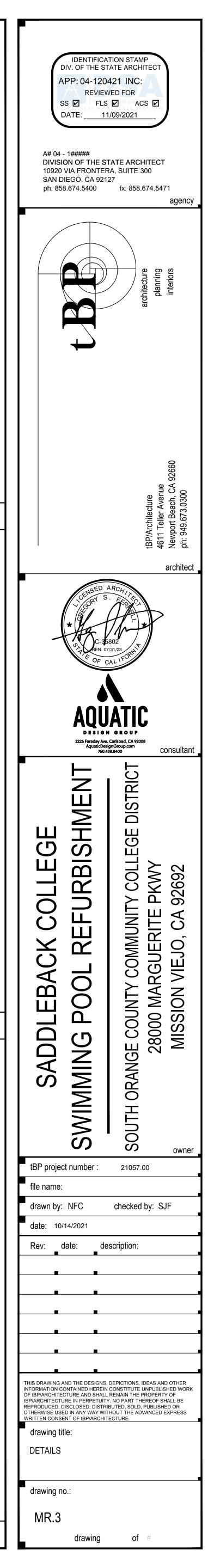
WEDGE OR EXPANSION ANCHOR EMBEDMENT DEPTH AND TEST LOAD

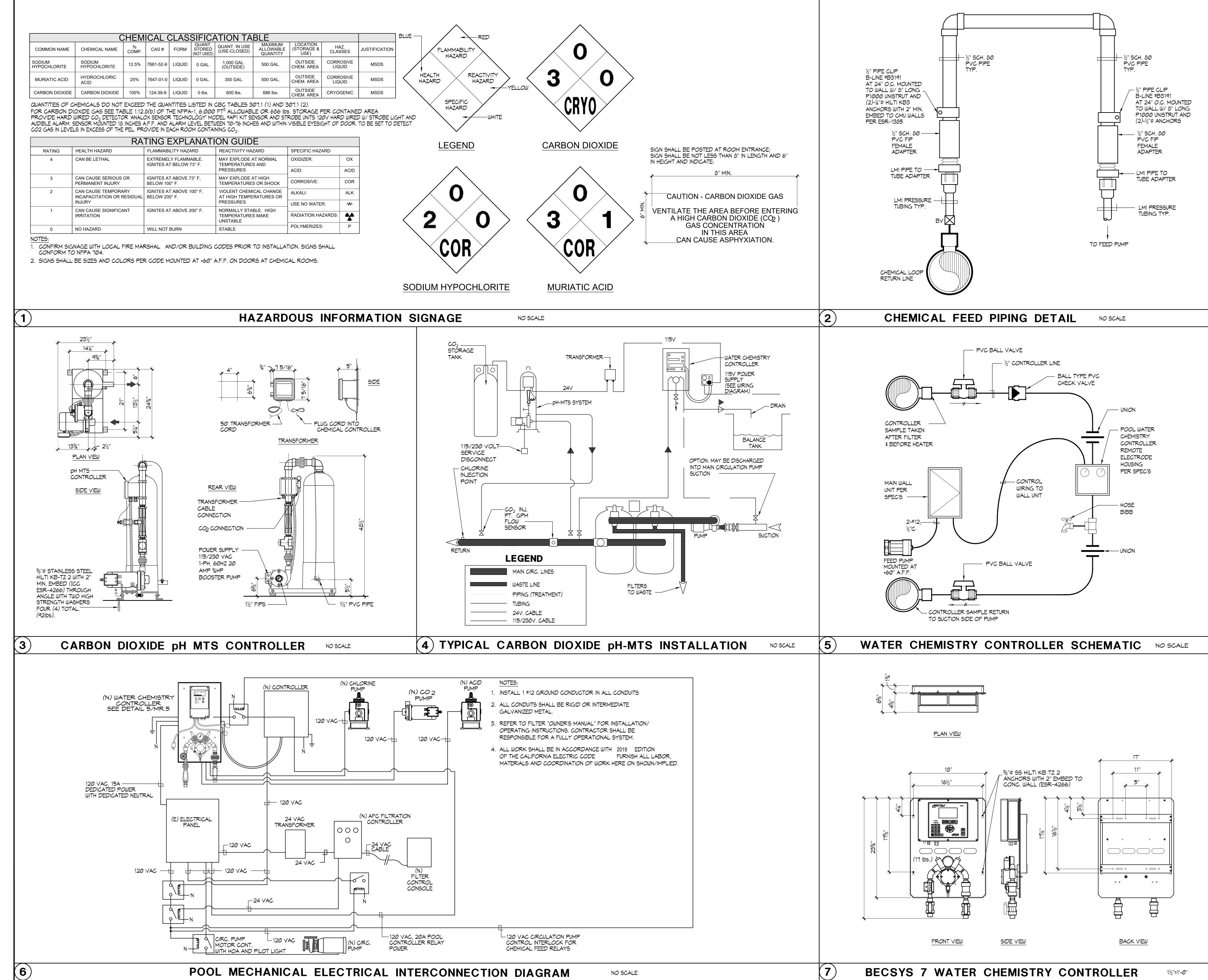
		ANCHORS IN CON	CRETE (HILTI KB TZ 2)	ANCHORS IN MASONRY (HILTI KB 3)		
<u>SIZE</u>	MIN. EMBED	TENSION LOAD (LBS)	TORQUE LOAD (FT-LBS)	TENSION LOAD (LBS)	TORQUE LOAD (FT-LBS)	
14" DIA.	2"	800	10	300	10	
%" DIA.	2"	1,500	25	500	30	
½" DIA.	3¼"	3,000	40	1,000	35	
%" DIA.	4"	4,900	60	1,250	55	
¾" DIA.	4¾"	6,300	110	1,700	120	

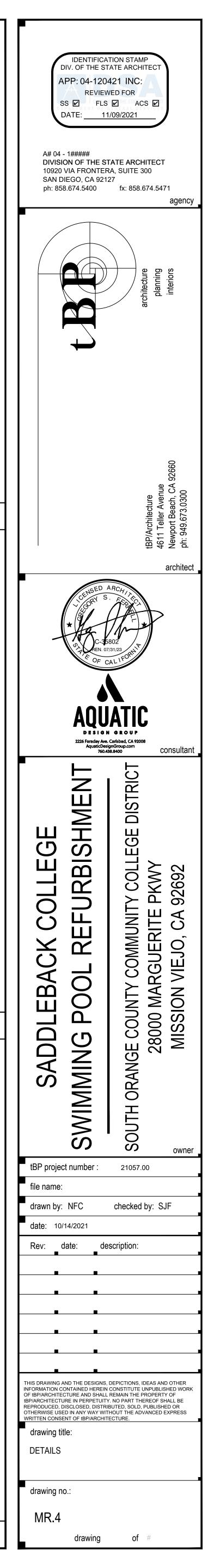


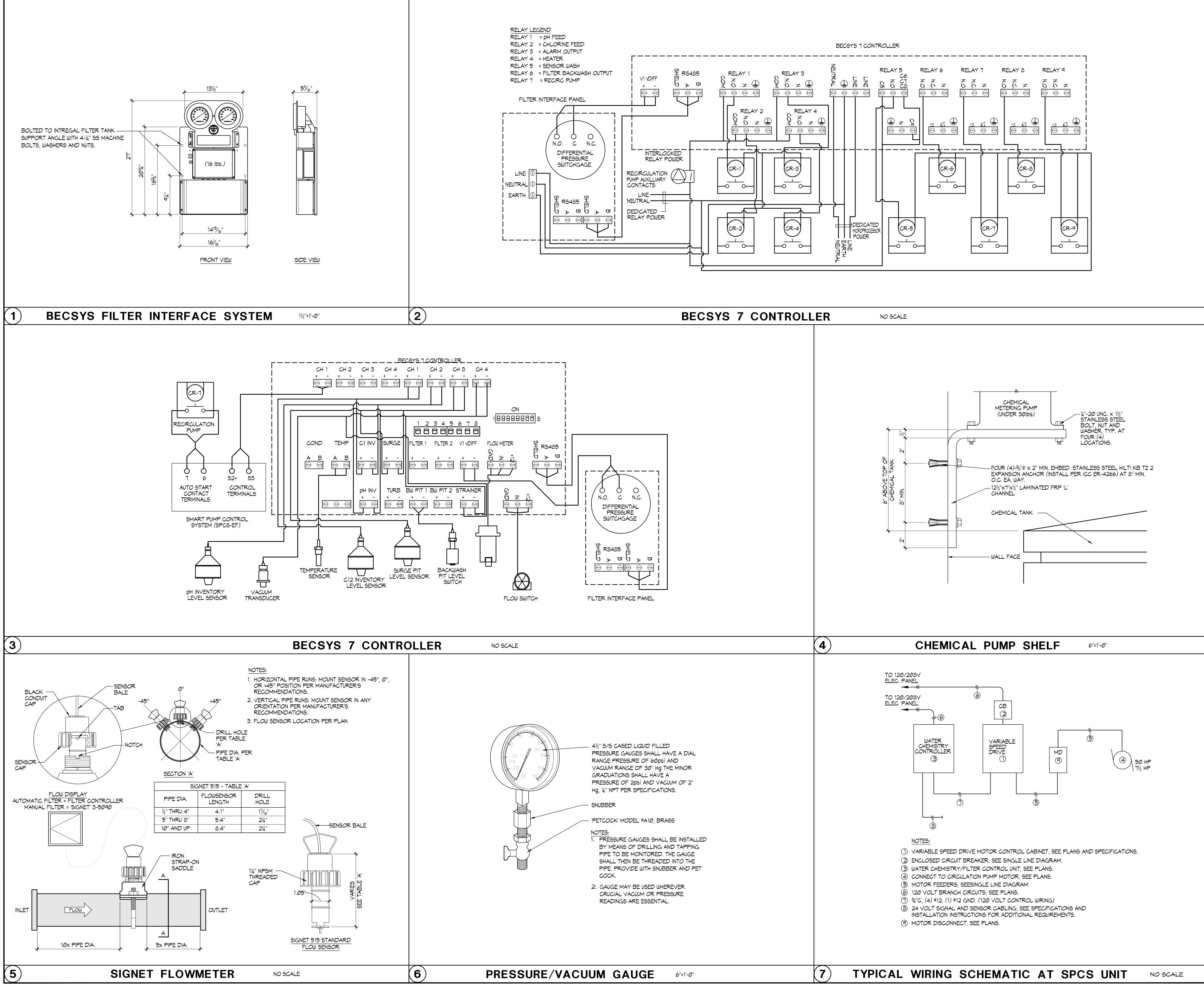


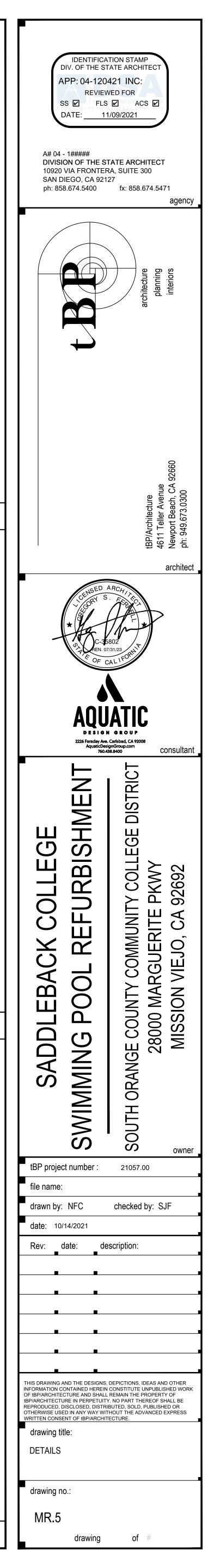


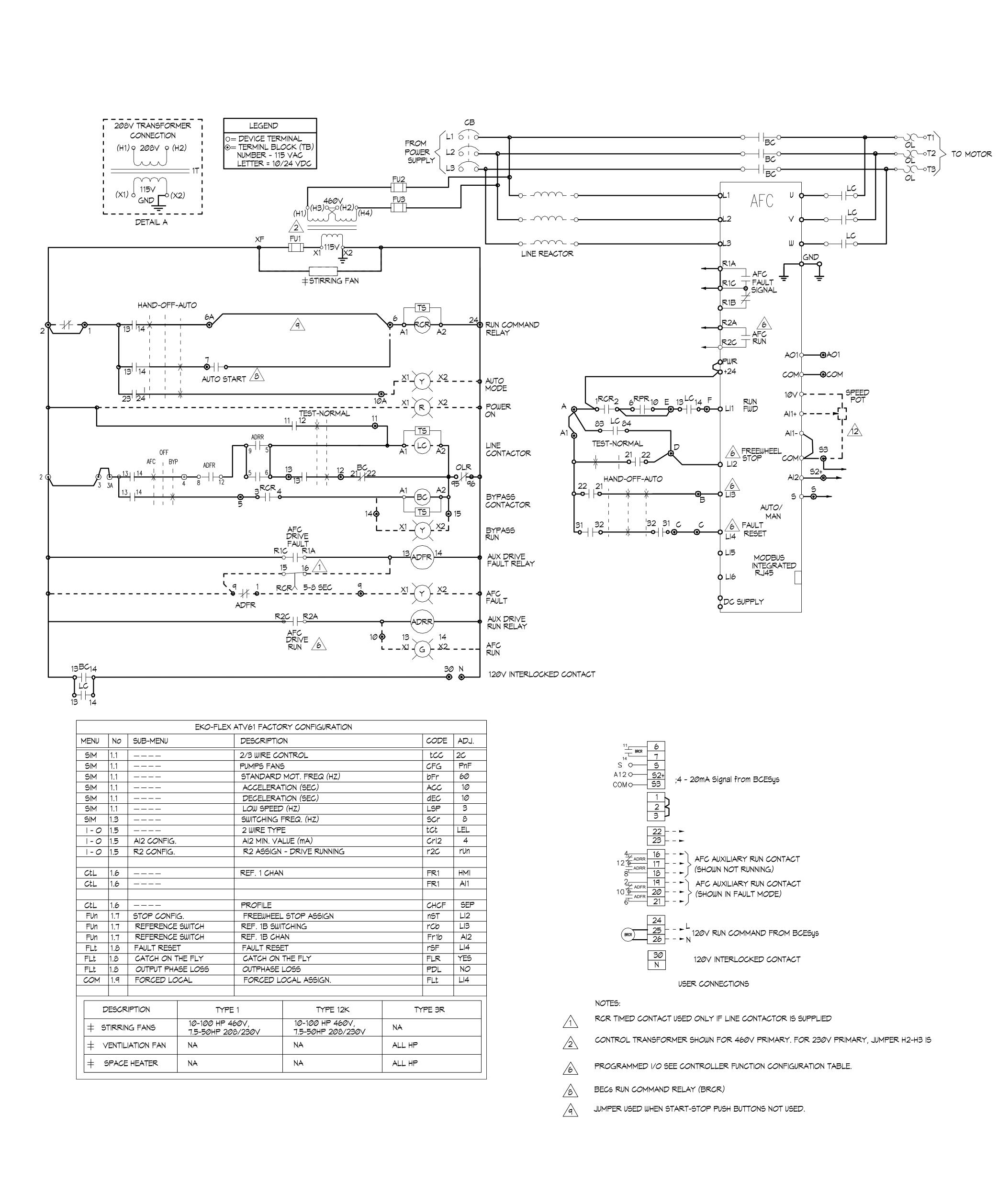




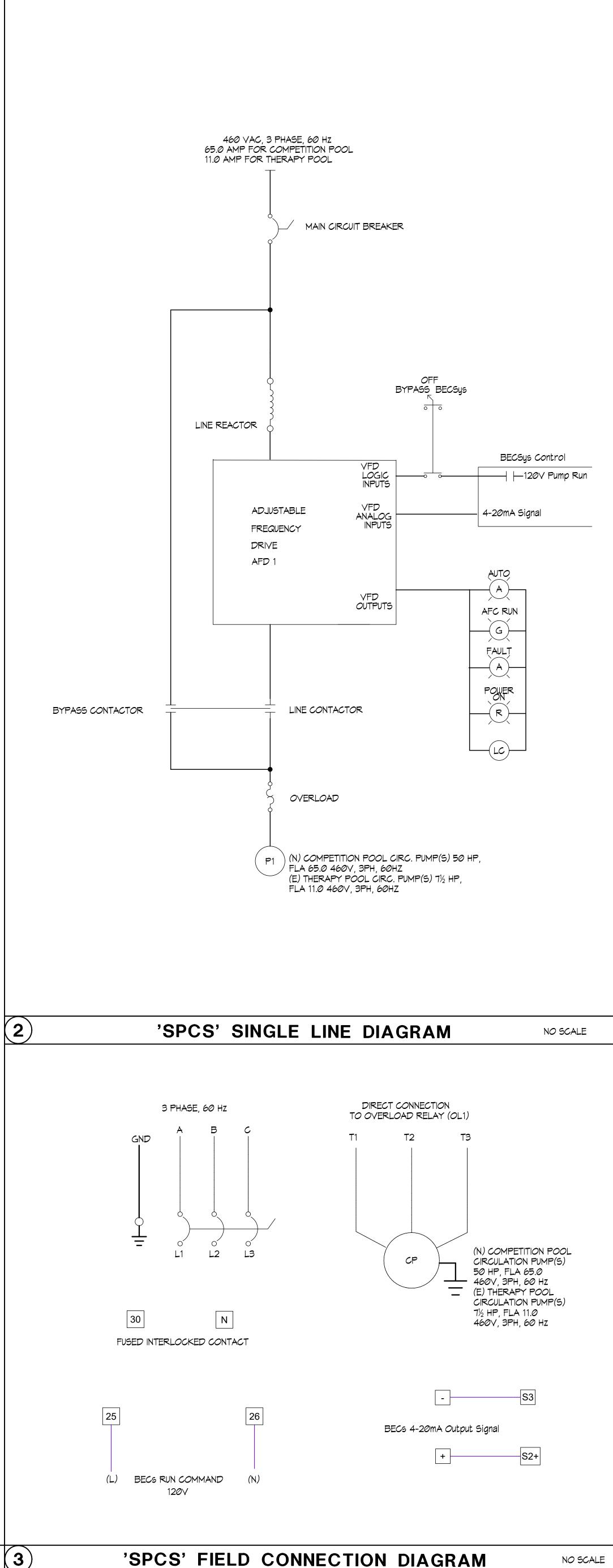






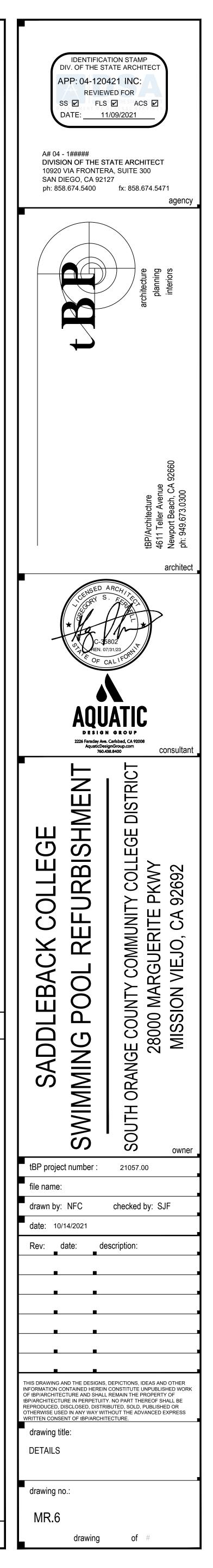


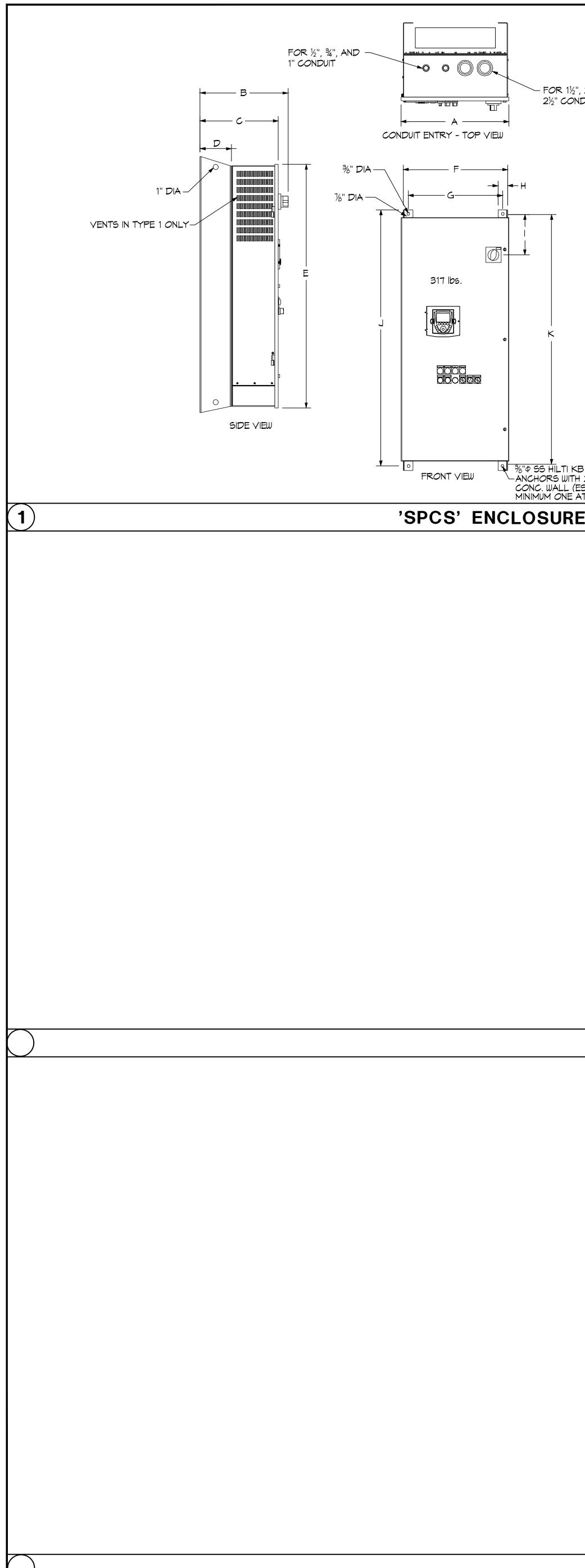
'SPCS' VARIABLE FREQUENCY DRIVE SYSTEM SCHEMATIC

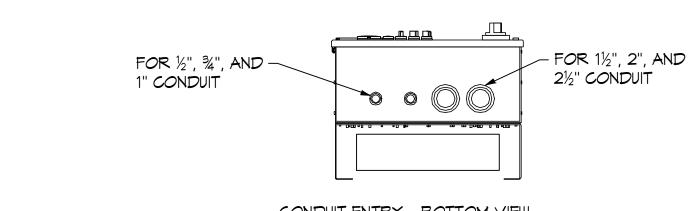


'SPCS' FIELD CONNECTION DIAGRAM

NO SCALE







460∨	208/230V	LBS	A	В	C	D	E	F	G	н	I	L	к
1 TO 7.5	1 TO 5	317	14.76"	13.93"	12.08"	3.01"	37.38"	14.25"	12.30"	1.86"	6.11"	35.00"	33.75"
30 TO 50	15 TO 25	317	20.65"	16.83"	14.83"	6.00"	46.64"	20.00"	18.04"	1.86"	7.75"	49.02"	47.83"

B TZ 2
1 2" EMBED TO
SR-4266)
AT EA. CORNER (4-TOTAL)

, 2", AND DUIT NOTE: PROVIDE AT LEAST 3" OF MOUNTING CLEARANCE ON EACH SIDE OF THE DRIVE CONTROLLER. PROVIDE AT LEAST 6" OF MOUNTING CLEARANCE ON EACH TOP AND BOTTOM OF THE DRIVE CONTROLLER.	ROD STIFFENER SEE NOTE #2 BRACING #45° MAX SLOPE (MAY VARY 30° TO 60°) HANGER/BRACE PERPENDICULAR HANGER/BRACE PERPENDICULAR HANGER/BRACE PERPENDICULAR
SPCS' EKO-FLEX SIZING TABLE HP HP WEIGHT DIMENSIONS 460V 208/230V LB5 A B C D E F G H I J K 100 15 110 5 317 14.76' 13.43'' 12.08'' 3.01'' 37.38'' 14.25'' 12.30'' 1.86'' 6.11'' 35.00'' 33.75'' 30 TO 50 15 TO 25 317 20.65'' 16.03''' 14.33'' 6.00''' 46.64'' 20.00''' 13.04''' 1.86''' 17.75''' 44.02''' 47.83'' 57 2 26 15'' 2500 TEA CORNER (4-TOTAL) Connect (4-TOTAL) Connect (4-TOTAL) Connect (4-TOTAL) Connect (4-TOTAL) Connect (4-TOTAL)	HANGER ROD SIZES/TABLE NOTES: %"\$ AT 3" PIPING MAX. ROD LENGTH = 156" MAX PER OPM PG. C1.24 1. REFER TO PRE-ENGINEERED OSHPD DETAILS FROM OPM #0043-13 ON SHEETS MR.8, MR.9 AND MR.10 FOR PIPE HANGER HARDWARE 4 %"\$ AT 4" PIPING MAX. ROD LENGTH = 156" MAX PER OPM PG. C1.44 1. REFER TO PRE-ENGINEERED OSHPD DETAILS FROM OPM #0043-13 ON SHEETS MR.8, MR.9 AND MR.10 FOR PIPE HANGER HARDWARE 4 %"\$ AT 6" PIPING MAX. ROD LENGTH = 156" MAX PER OPM PG. C1.44 1. REFER TO PRE-ENGINEERED OSHPD DETAILS FROM OPM #0043-13 ON SHEETS MR.8, MR.9 AND MR.10 FOR PIPE HANGER HARDWARE 4 %"\$ AT 6" PIPING MAX. ROD LENGTH = 156" MAX PER OPM PG. C1.44 1. REFER TO PRE-ENGINEERED OSHPD DETAILS FROM OPM #0043-13 ON SHEETS MR.8, MR.9 AND MR.10 FOR PIPE HANGER HARDWARE 4 %"\$ AT 6" PIPING MAX. ROD LENGTH = 156" MAX PER OPM PG. C1.44 1. REFER TO PRE-ENGINEERED OSHPD DETAILS FROM OPM #0043-13 ON SHEETS MR.8, MR.9 AND MR.10 FOR PIPE HANGER HARDWARE 4 %"\$ AT 12" PIPING MAX. ROD LENGTH = 158" MAX PER OPM PG. C1.44 1. REFER TO PRE-ENGINEERED OSHOD DETAILS FROM OPM #0043-13 ON SHEETS MR.9, MR.9 AND MR.10 FOR PIPE HANGER IN TWO DIRECTIONS AT THE FOLLOWING CONDITIONS. MAX. PIPE HANGER SPACING 4. T 12" PIPING MAX. ROD LENGTH = 158" MAX PER OPM PG. C1.44 MAX. PIPE HANGER SPACING 9. PROVIDE GONDTIONS. MAX. PIPE HANGER SPACING 5. PROVIDE GONDTIONS. MAX. PIPE HANGER SPACING 5. FOR COPPER TUBING LESE STRUE (5'-0" LENGTH MAX) 10" PIPING = 6'-0" O.C. 1. HARDWARE SHALL BE STAILESS STEEL OR G
	(2) 'UNISTRUT' PIPING HANGER / SUPPORT DETAILS NO BCALE

