

ELECTRICAL SYMBOLS LEGEND

	CONDUIT CONCEALED IN CEILING OR WALL		SWITCH - SINGLE POLE
	CONDUIT CONCEALED IN FLOOR SLAB		3-WAY, 4-WAY
	EXPOSED CONDUIT		LIGHT FIXTURE AND TYPE
	HOMERUN - ARROW INDICATES CKT., LINES INDICATE WIRES		FLUORESCENT LIGHT FIXTURE
	GROUND WIRE		EMERGENCY LIGHT FIXTURE WITH BATTERY PACK
	GROUNDING ROD		FIXTURE ON LIFE SAFETY BRANCH OF EMERGENCY SYSTEM
	SINGLE RECEPTACLE		INCANDESCENT OR H.I.D. LIGHT FIXTURE
	DUPLEX RECEPTACLE (20 AMP UNLESS NOTED)		INCANDESCENT OR H.I.D. LIGHT FIXTURE (WALL MOUNTED)
	FOURPLEX RECEPTACLE		EXIT LIGHT (CEILING OR WALL MOUNTED)
	208 OR 240 VOLT RECEPTACLE (20 AMP UNLESS NOTED)		FLUSH PANELBOARD (LIGHT & RECEPTACLES)
	CLOCK RECEPTACLE		SURFACE PANELBOARD (LIGHT & RECEPTACLES)
	TELE/DATA OUTLET *		DISTRIBUTION PANEL OR SWITCHBOARD
	PUSHBUTTON		AC
	BELL		ABOVE FINISHED FLOOR
	MOTOR		DIMMER
	FUSIBLE SWITCH (BUSSMAN SSU)		GROUND FAULT INTERRUPTER
	DISCONNECT SWITCH (D.S.)		NIGHTLIGHT FIXTURE, WIRED HOT
	COMBINATION MOTOR STARTER (CMS)		WEATHERPROOF
	RELAY		CONNECT NEW TO EXISTING
	JUNCTION BOX		LOCKABLE GUARD
	HORN/STROBE		THERMOSTAT
			WEATHER PROOF HORN/STROBE

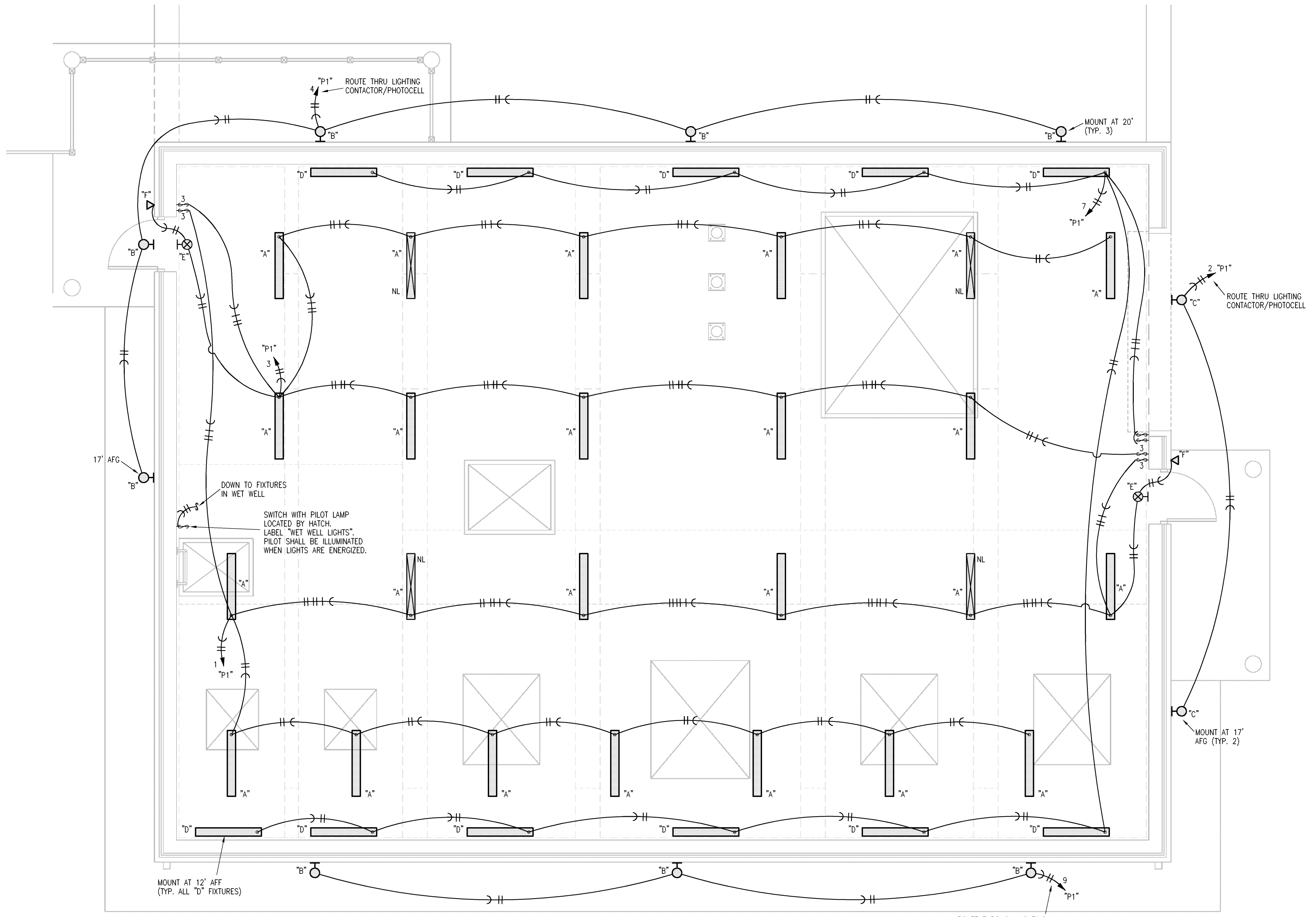
NOTES: ALL SYMBOLS SHOWN ABOVE REFER TO MECHANICAL SYMBOLS LEGEND FOR MECHANICAL SYMBOLS THAT MAY BE SHOWN ON ELECTRICAL PLANS. * 4x4 BACKBOX WITH SINGLE GANG PLASTER RING AND A 1" CONDUIT TO ABOVE ACCESSIBLE CEILING.

PANELBOARD SCHEDULE					
PANEL NO.: "P1"	LOCATION: .	AIC: 10,000			
PANEL TYPE: NQ0D	VOLTS: 120/208	PHASE: 3	WIRE: 4	MAINS: 125 MB	
DESCRIPTION	C/B TRIP		C/B TRIP	DESCRIPTION	
LIGHTING	20	1	2	20	LIGHTING
LIGHTING	20	3	4	20	LIGHTING
LIGHTING	20	5	6	20	RECEPTACLES
LIGHTING	20	7	8	50	BLOCK HEATER
LIGHTING	20	9	10	2P	
RECEPTACLES	20	11	12	20	BATTERY CHARGER
RECEPTACLES	20	13	14	20	CONTROLS
RECEPTACLES	20	15	16	20	GREASE PUMP
EXHAUST FAN	20	17	18	20	RECEPTACLES
		19	20	20	SPARE
		21	22	20	SPARE
HORN/BELL	20	23	24	20	OVERHEAD DOOR
HEAT TRACE	20	25	26	20	HEAT TRACE
GENERATOR LIGHTS	20	27	28	20	RECEPTACLES
SOLENOID VALVE	20	29	30	20	RECEPTACLES
SOLENOID VALVE	20	31	32	20	SOLENOID VALVE
SOLENOID VALVE	20	33	34	20	SOLENOID VALVE
SCADA	20	35	36	20	SOLENOID VALVE
GENERATOR CONTROL	20	37	38	20	SPARE
INTRUSION PANEL	20	39	40	20	SPARE
SPARE	20	41	42	20	SPARE

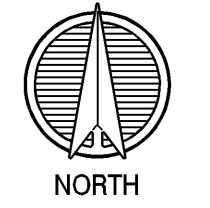
* PROVIDE GFI BREAKER

LIGHT FIXTURE SCHEDULE												
MARK	MANUFACTURER	MODEL NUMBER	MOUNTING			FINISH	LAMPS					REMARKS
			RECESS.	SURF.	WALL		INCAND.	FLUOR.	HID.	CODE	QUAN.	
"A"	WILLIAMS	82-4-332-WG11		PENDANT		WHITE		X		32W T8	3	1,2,3,4
"B"	KIM	WD18D3-250MH120DB-P		X		DARK BRONZE			X	250 MH	1	6
"C"	KIM	WD18D4-400MH120DB-P		X		DARK BRONZE			X	400 MH	1	6
"D"	WILLIAMS	92-4-232A		X		WHITE		X		32W T8	2	5, 6
"E"	DUAL LITE	LTURB3D		X		WHITE			LED		1	4, 6, 7
"F"	DUAL LITE	OMSSW1212		X			X			12W.	1	4, 5, 8

REMARKS LEGEND:
 1 - 120V., 10% UPLIGHT AND 11GA. WIRE GUARD.
 2 - PROVIDE RAPID START ELECTRONIC BALLAST.
 3 - MOUNT FIXTURE SO BOTTOM OF FIXTURE LEVELED WITH BOTTOM OF STRUCTURE.
 4 - DAMP LOCATION.
 5 - PROVIDE FOR WET LOCATION. LOCATED AT WALKWAY.
 6 - 120V.
 7 - PROVIDE WITH REMOTE HEAD MODEL F.
 8 - CONNECT TO REMOTE BATTERY.



1 PUMP STATION FLOOR PLAN
 1/4" = 1'-0" LIGHTING



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CITY OF WICHITA, KANSAS
 PUMP STATION NO. 11

MECHANICAL

PUMP STATION FLOOR PLAN - LIGHTING

CFS
 Cook, Flatt & Strobel
 ENGINEERS, P.A.

DESIGNED AKK SCALE As Shown
 DETAILED CAD DATE 3/11/10
 CHECKED AKK SHEET E2 OF 5