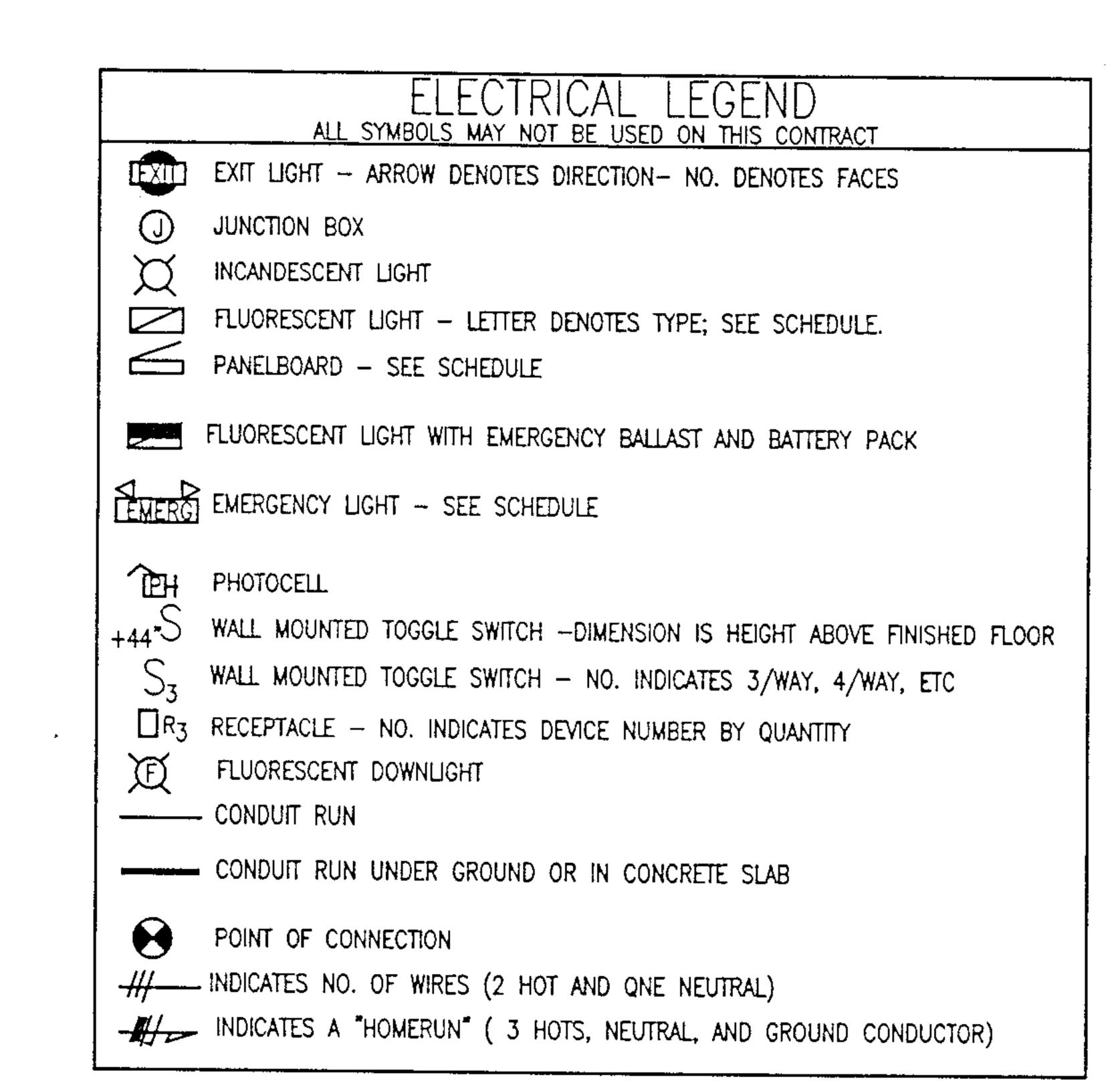


IN WRITING FOR APPROVAL WITH PROPOSAL.



NOTES:

1. CONTRACTOR TO COORDINATE MAIN SERVICE CONNECTION FROM THE SCHOOL WITH THE BUILDING CONTRACTOR. THE BUILDING CONTRACTOR FOR THE SCHOOL ADDITION WILL INSTALL CONDUIT, CONDUCTORS AND CONNECT POWER FROM THE SCHOOL TO A PULL BOX 5' OUTSIDE OF THE PUMP STATION FENCE.

2. BONDING BUSHINGS ON ALL SERVICE CONNECTIONS AND GROUNDING LOCKNUTS ON ALL PANEL CONNECTORS.

3. CONTRACTOR SHALL SUPPLY AND INSTALL DELTA LIGHTNING ARRESTORS (LA & CA SERIES OR EQUAL) PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.

4. CONTRACTOR SHALL COORDINATE WITH THE BUILDING CONTRACTOR, THE EXTENSION AND SUPPLY OF THE PROPER PHONE LINE TO THE ALARM DIALER AND VERIFY OPERATION.

ن. CONTRACTOR SHALL VERIFY AIC RATING OF POWER SERVICE FOR SELECTION OF CIRCUIT BREAKER FAULT CURRENT REQUIREMENTS.

PANELBOARD MDP1						PHASE (AMPS)		120/240VAC, 1PH, 3W, 60Hz, SN, SURFACE MTD 200AMP FRAME, 150AMP MCB, 12CKT, SERVICE RTD				
LOAD DESCRIPTION	WIRE SIZE	BKR TRIP	NO. POLE	CKT NO.	А	B	CKT NO.	NO. POLE	BKR TRIP	WIRE SIZE	LOAD DESCRIPTION	
PUMP 1 5HP/39FLA	8	50	2	1	39 39		2	1	50	8	PUMP 2 5HP/39FLA	
				3		3 9	4					
MAINTENANCE RECEPTACLE	12	20	1	5	1.5		6	1	20	12	STRUCTURE LIGHTS	
LEVEL METER CONTROLLER	12	15	1	7		2	8	1	15	12	TELEPHONE ALARM DIALER	
DUPLEX PUMP CONTROL PANEL	12	20	1	9	16 		10	1	20		SPARE	
SPACE				11		 2	12	1	15	12	FLOW METER	
	LOA	LOAD TOTALS				86		I		<u> </u>	· · · · · · · · · · · · · · · · · · ·	

CONSULTING

207 West Broad Street Richmond, Virginia 23220 804. 788. 4774 Prove 804. 788. 0986 PAX

www. bowh. com

SOUTH ELEMENTAR SCHOOL LAGOON CLOSURE, PUMP STATION AND FORCE MAIN

PRINCE GEORGE COUNT SCHOOL BOARD

PRINCE GEORGE, VIRGINIA

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20148-07

PROJECT HUMBER

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PROJECT MANAGER STEVE PELLEI Stew Perus

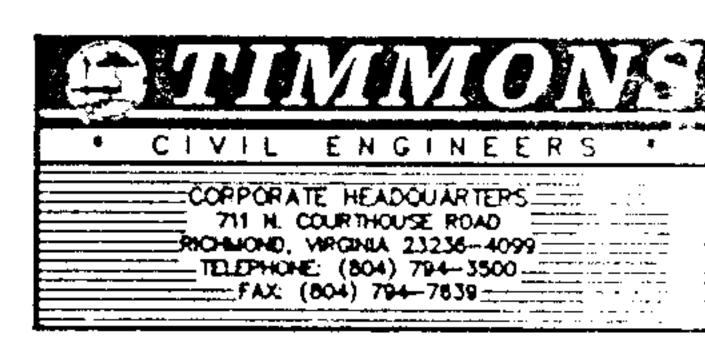
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FOR CONSTRUCTION



TIMMONS PROJECT #20148-07

SHEET TITLE: PUMP STATION ELECTRICAL CONTROLS AND SCHEMATIC DIAGRAMS