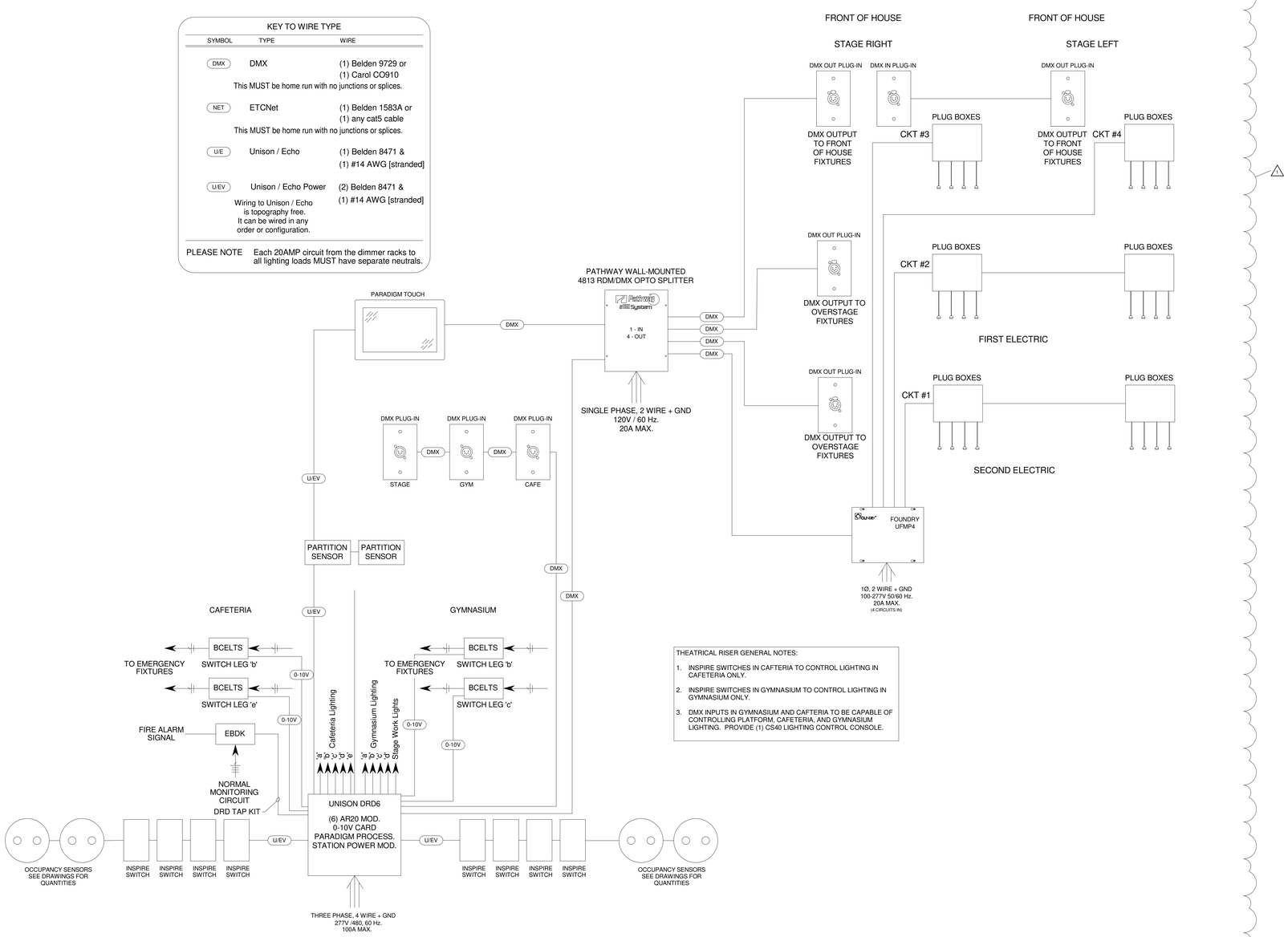
KEY TO WIRE TYPE		
SYMBOL	TYPE	WIRE
DMX	DMX	(1) Belden 9729 or (1) Carol CO910
	This MUST be home run with no junctions or splices.	
NET	ETCNet	(1) Belden 1583A or (1) any cat5 cable
	This MUST be home run with no junctions or splices.	
U/E	Unison / Echo	(1) Belden 8471 & (1) #14 AWG [stranded]
U/EV	Unison / Echo Power	(2) Belden 8471 & (1) #14 AWG [stranded]
	Wiring to Unison / Echo is topography free. It can be wired in any order or configuration.	
PLEASE NOTE	Each 20AMP circuit from the dimmer racks to all lighting loads MUST have separate neutrals.	



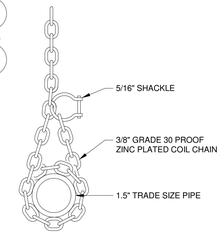
THEATRICAL RISER GENERAL NOTES:

1. INSPIRE SWITCHES IN CAFTERIA TO CONTROL LIGHTING IN CAFETERIA ONLY.
2. INSPIRE SWITCHES IN GYMNASIUM TO CONTROL LIGHTING IN GYMNASIUM ONLY.
3. DMX INPUTS IN GYMNASIUM AND CAFTERIA TO BE CAPABLE OF CONTROLLING PLATFORM, CAFETERIA, AND GYMNASIUM LIGHTING. PROVIDE (1) CS40 LIGHTING CONTROL CONSOLE.

1 THEATRICAL RISER DIAGRAM

SCALE: NONE

DR	ARCHITECTURAL DIMMING PANEL											
LOCATION : STORAGE 804		SCCR (AMPS RMS SYMM):			SERVICE : 480/277 Wye		AMP : 100 A		MAIN : MLO	NEMA: Type 1	MOUNTING : SURFACE	
CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	LIGHTING GYMNASIUM 800		20 A	1	1210 / 288			1	20 A		LIGHTING CAFETERIA	2
3	LIGHTING GYMNASIUM 800		20 A	1		1247 / 1316		1	20 A		LIGHTING CAFETERIA	4
5							0 / 628	1	20 A		LIGHTING WORKLIGHT PLATFORM	6
7					0 / 0			1	20 A		SPARE	8
9												10
11												12
					TOTALS :	1498 VA	2563 VA	628 VA				
TOTAL CONNECTED LOAD (VA) : 4689 VA						TOTAL CONNECTED LOAD (AMPS) : 6 A						
REMARKS:						NOTES:						



3 1ST AND 2ND ELECTRIC DETAIL

SCALE: NONE

CARMEL CLAY SCHOOLS
CARMEL, INDIANA

CSO
8831 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net
© 2019 CSO Architects, Inc. All Rights Reserved

DA#19022

R.E. Dimond and Associates, Inc.
Consulting Engineers
7250 Woodfield Drive
Indianapolis, IN 46214
Phone: (317) 634-4672 Fax: (317) 638-8725
Email: info@redimond.com

PROJECT:
NEW ELEMENTARY SCHOOL
FOR
CARMEL CLAY SCHOOLS
CARMEL, IN

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the general construction required and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
For all work in the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
1 ADDENDUM #1 12-06-19

ISSUE DATE	DRAWN BY	CHECKED BY
11/19/19	DK	AJS

DRAWING TITLE:
DETAILS - THEATRICAL LIGHTING

CERTIFIED BY:
AARON J. SCHUPP
REGISTERED
PE10504720
STATE OF INDIANA
PROFESSIONAL ENGINEER
11/19/2019

DRAWING NUMBER
E404

PROJECT NUMBER
18094