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SOU THEATER & JPR BLDG
RENOVATION & EXPANSION

SOU THEATER ARTS BUILDING, MOUNTAIN
AVENUE, ASHLAND, OR

Revisions:
No. Date Description

PERMIT SET

NEW SITE
PLAN

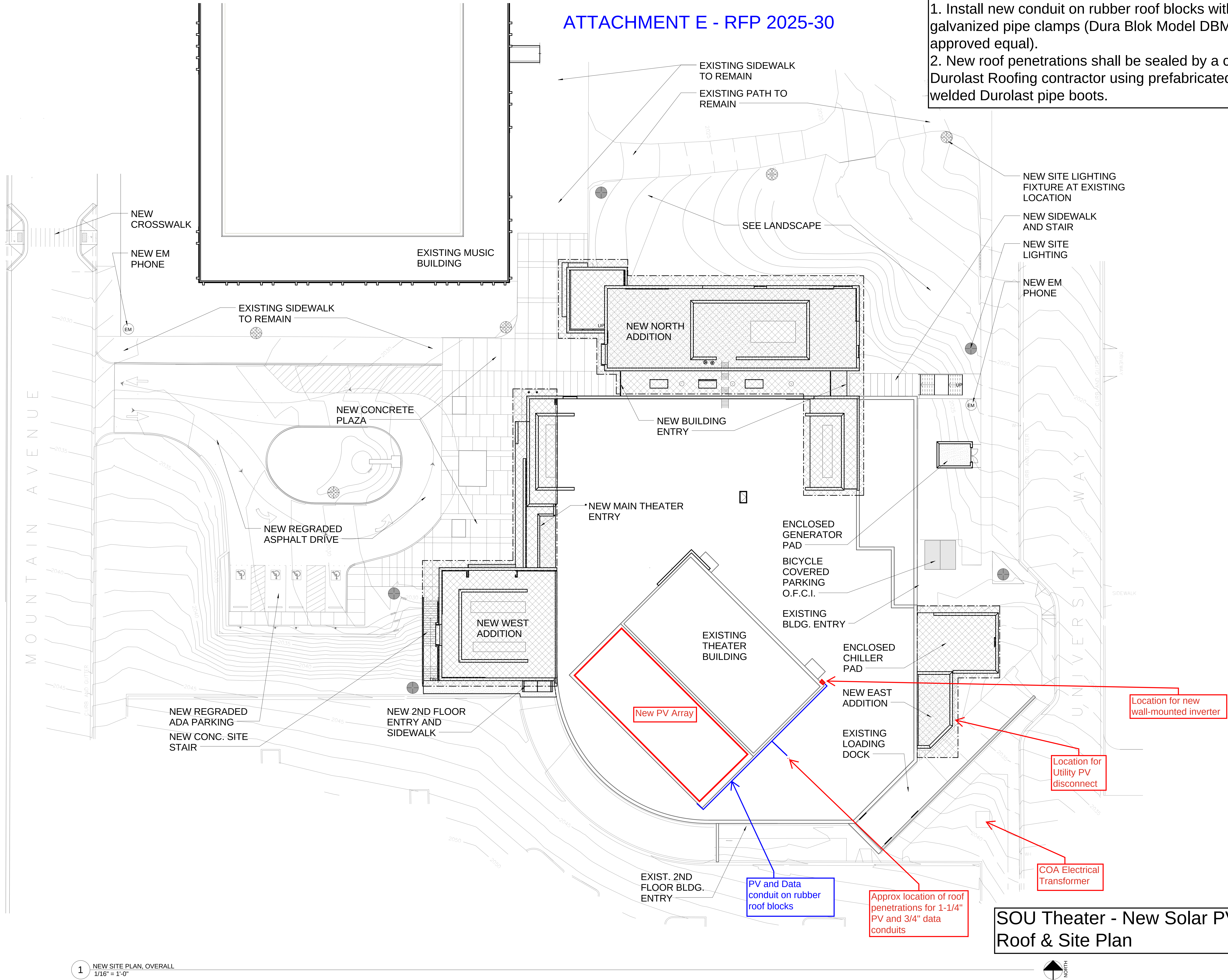
Project # 15046

A100

Date: 06.03.2016

ATTACHMENT E - RFP 2025-30

- Roof Work Plan Notes:
1. Install new conduit on rubber roof blocks with galvanized pipe clamps (Dura Blok Model DBM or approved equal).
 2. New roof penetrations shall be sealed by a certified Durolast Roofing contractor using prefabricated, heat-welded Durolast pipe boots.



1 NEW SITE PLAN, OVERALL
1/16" = 1'-0"



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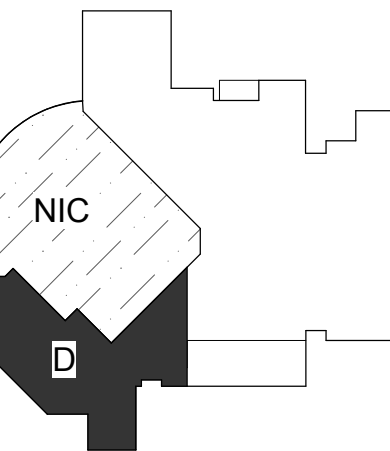
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Job No.: 02-15-00963
Contract: Peller-Treadwell
engineers for a sustainable future

**SOU THEATRE BUILDING
RENOVATION & EXPANSION**
SOU THEATER ARTS BUILDING, MOUNTAIN
AVENUE, ASHLAND, OR

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PERMIT SET
FLOOR PLAN-
LEVEL 01,
AREA D -
POWER AND
SIGNAL PLAN
Project # 15046

E201D

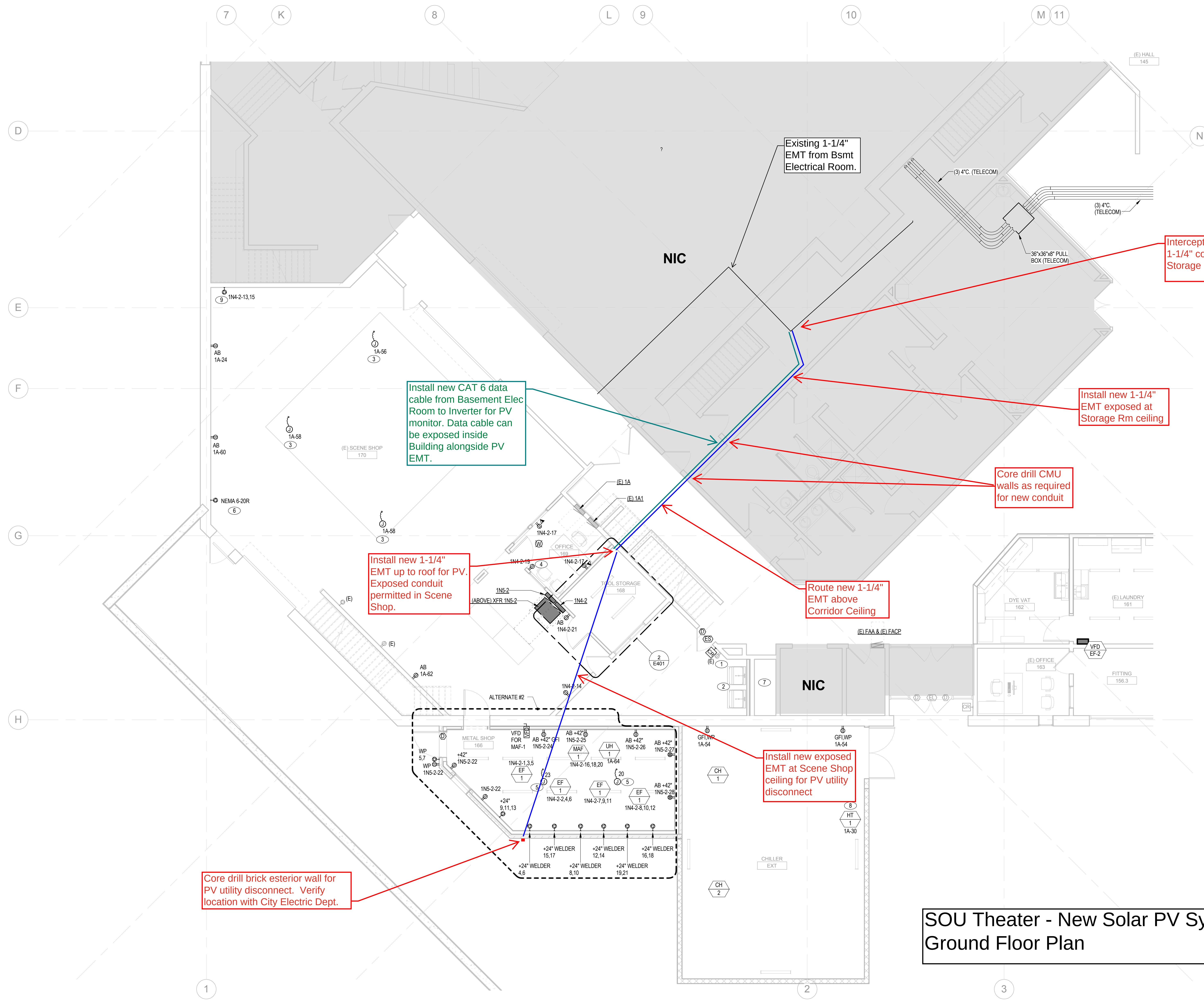
Date: 06.03.2016

SHEET NOTES

- ALL DEVICES CIRCUITED TO PANEL 1N5-2, UON.
- VERIFY EXACT LOCATION AND DEVICE CONFIGURATION OF ALL SCENE SHOP EQUIPMENT PRIOR TO ROUGH-IN. REFER TO THE AV AND PL DRAWINGS FOR ADDITIONAL DIVISION 26 AND 27 SCOPE.
- REFER TO THE AV AND PL DRAWINGS FOR EXACT MOUNTING HEIGHT OF VARIOUS DEVICES ASSOCIATED WITH THEIR EQUIPMENT.

KEYED NOTES

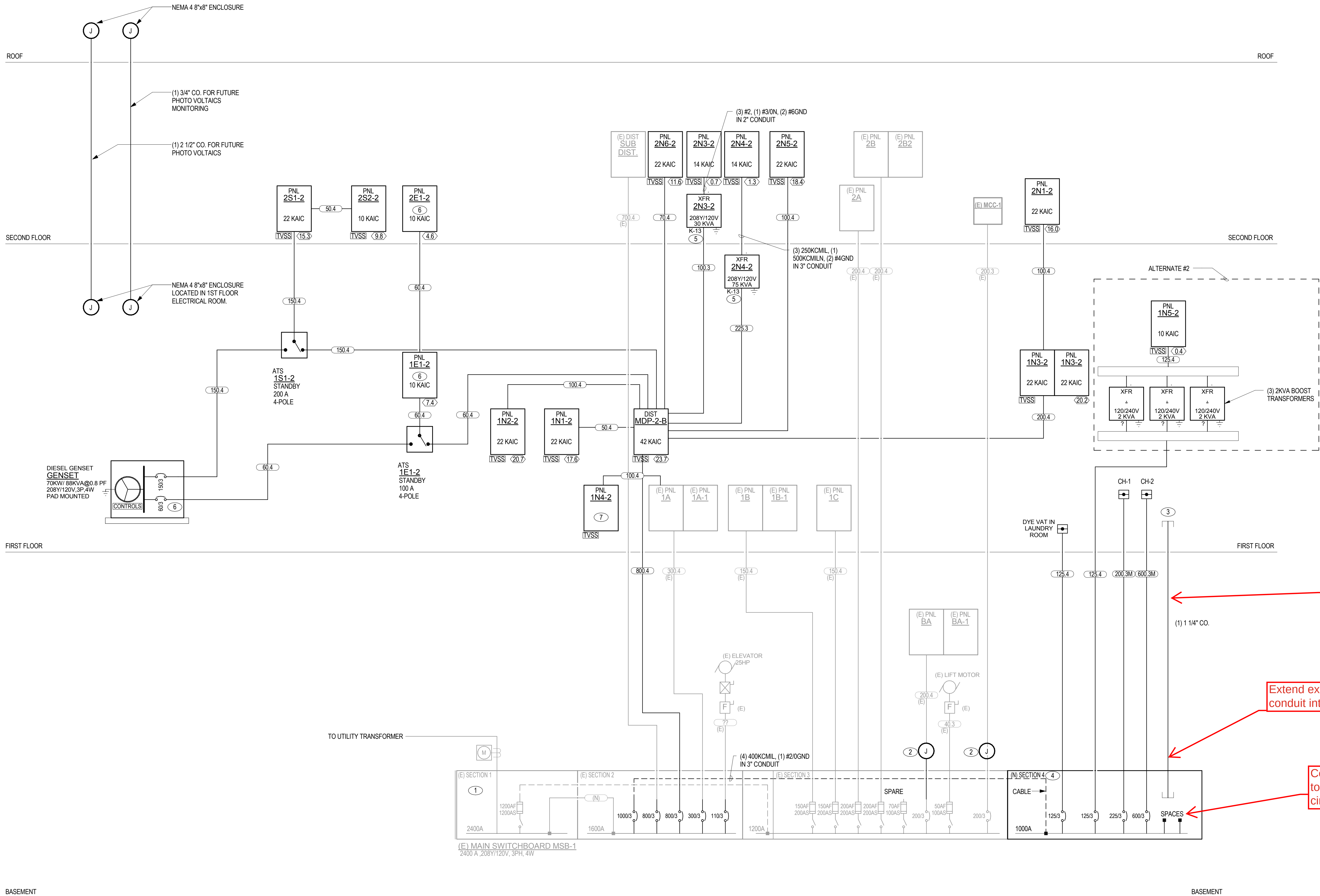
- REPLACE EXISTING RECEPTACLE WITH NEW GFI RECEPTACLE.
- REMOVE DEVICES AND WIRING TO ACCOMMODATE ADDITION OF THE SINKS.
- PROVIDE QUAD RECEPTACLE ON 50' REEL TYPE SUSPENDED CORD FROM CEILING. REFER TO DETAIL 3 ON SHEET E7.02 FOR ADDITIONAL INFORMATION.
- EXACT LOCATION OF DEVICES TO BE VERIFIED WITH THEATRICAL CONSULTANT PRIOR TO ROUGH-IN.
- PROVIDE QUAD RECEPTACLE ON 12' REEL TYPE SUSPENDED CORD FROM CEILING. REFER TO DETAIL 3 ON SHEET E7.02 FOR ADDITIONAL INFORMATION.
- PROVIDE CONNECTION TO RELOCATED RADIAL ARM SAW FROM EXISTING CIRCUITS IN PANEL 1A.
- LOCATION OF EXISTING SHAFT THAT MAY BE USED FOR RISING UP BETWEEN FLOORS.
- PROVIDE 30mA GFI BREAKER.
- PROVIDE RECEPTACLE FOR METAL LATHE. VERIFY EXACT REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.



**SOU Theater - New Solar PV System
Ground Floor Plan**

ELECTRICAL LOAD ALTERATION SUMMARY: MSB-1					
VOLTAGE: 208Y/120V, 3PH, 4W		MAIN AMPS: 2,400A		BUS AMPS: 2,400A	
*EXISTING LOAD (KVA)	REMOVED LOAD (KVA)	ADDED LOAD (KVA)	TOTAL LOADS		
			KVA	AMPS	
258.75	(85.36)	610.89	784.28	2172.52	
*INFORMATION PROVIDED BY OWNER BASED ON 24 MONTHS OF UTILITY INFORMATION X125%.					

- KEYED NOTES**
- 1 REPLACE EXISTING FUSED SWITCHES IN SECTION 1 WITH BREAKERS AS INDICATED.
 - 2 INTERCEPT EXISTING CONDUIT FEED FROM SECTION 2 TO PROVIDE NEW FEED TO EXISTING PANEL.
 - 3 PROVIDE CONDUIT STUB TO NEW FIRST FLOOR ELECTRICAL ROOM FOR FUTURE ELEVATOR.
 - 4 MATCH EXISTING SWITCHBOARD AIC RATINGS.
 - 5 PROVIDE SHIELDED ISOLATION TRANSFORMER WITH ISOLATED GROUND AND OVERSIZED NEUTRAL.
 - 6 PROVIDE SELECTIVELY COORDINATED OVERCURRENT DEVICES FOR EMERGENCY SYSTEM PER NEC 700.27 AND 701.16.
 - 7 KAIC RATING OF NEW PANEL 1N4-2 TO MATCH KAIC RATING OF EXISTING PANEL 1A.



SOU Theater - New Solar PV System
Electrical Riser Diagram

1 ELECTRICAL SINGLE LINE DIAGRAM
SCALE: NONE



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ELECTRICAL
SINGLE LINE
DIAGRAM

Project # 15046

E501

Date: 06.03.2016