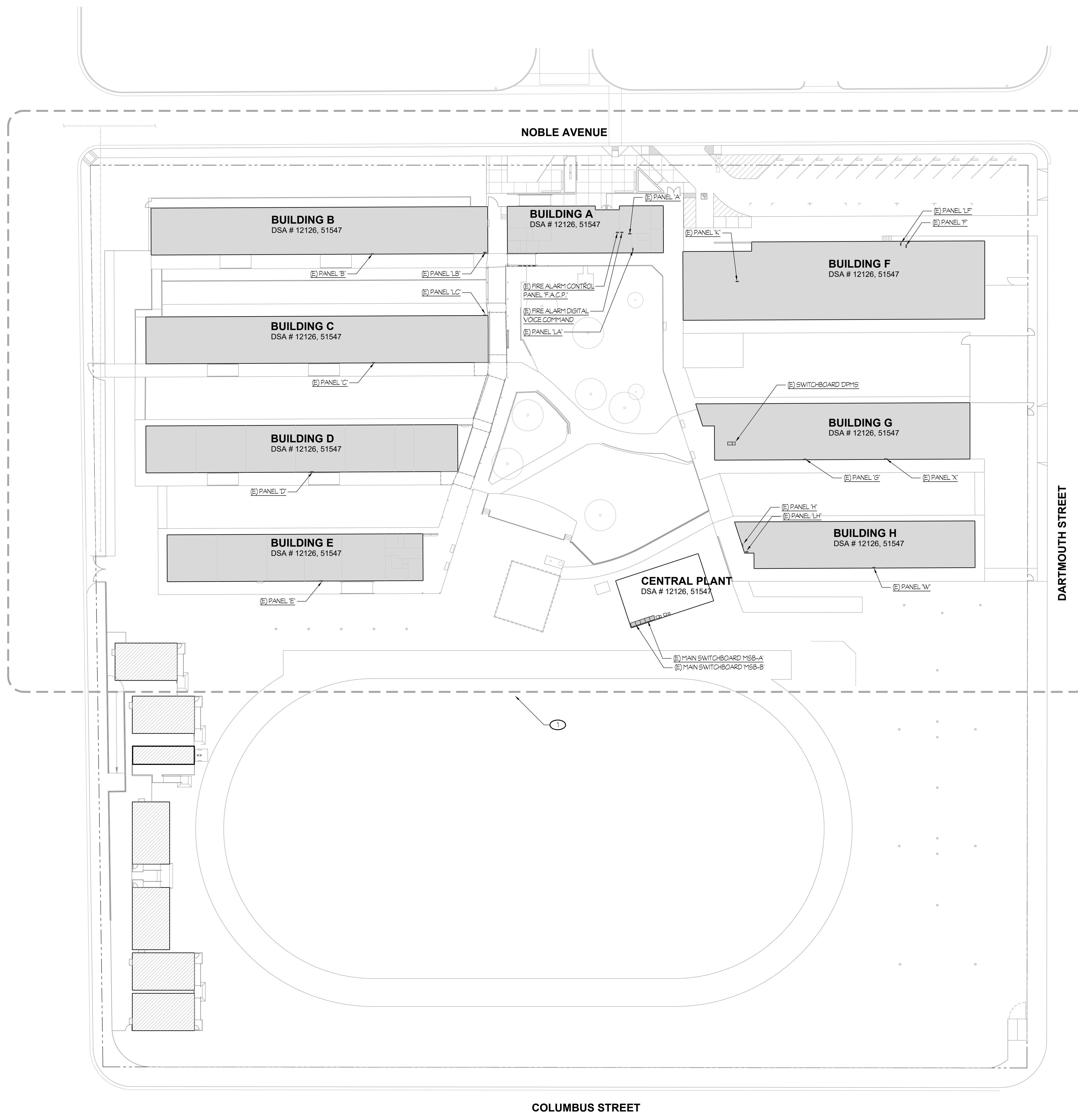
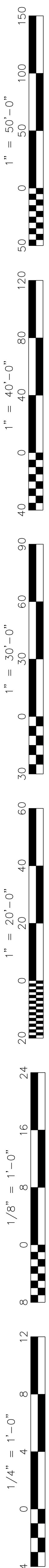


NOTES (THIS SHEET ONLY):
 1 REFER TO ENLARGED SITE ELECTRICAL PLAN - DEMOLITION, SHEET RE1.01 AND ENLARGED SITE ELECTRICAL PLAN - NEW, SHEET RE1.02 FOR ADDITIONAL WORK IN THIS AREA.



SCOPE OF WORK
PURCHASE EQUIPMENT ONLY


SITE ELECTRICAL PLAN
CENTRAL PLANT REPLACEMENT

SCALE: 1" = 30'-0"

DSA APP# 03-122490
 EQUIPMENT BID PACKAGE
 12/6/22

Rose Sing Eastham & Associates
 Electrical Consultants
 131 S. Dunworth - (559)733-2671
 Visalia, California 93292-6705



Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
 1300 BAKER STREET
 BAKERSFIELD, CA 93309

Project Name:
CENTRAL PLANT REPLACEMENT

Project Address:
WASHINGTON MIDDLE SCHOOL
 1101 NOBLE AVENUE
 BAKERSFIELD, CA 93305


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Sheet Title:
SITE ELECTRICAL PLAN

Job No.:
5525

Sheet No.:
E1.00

Release: DSA BACKCHECK Issue Date: 11-18-2022

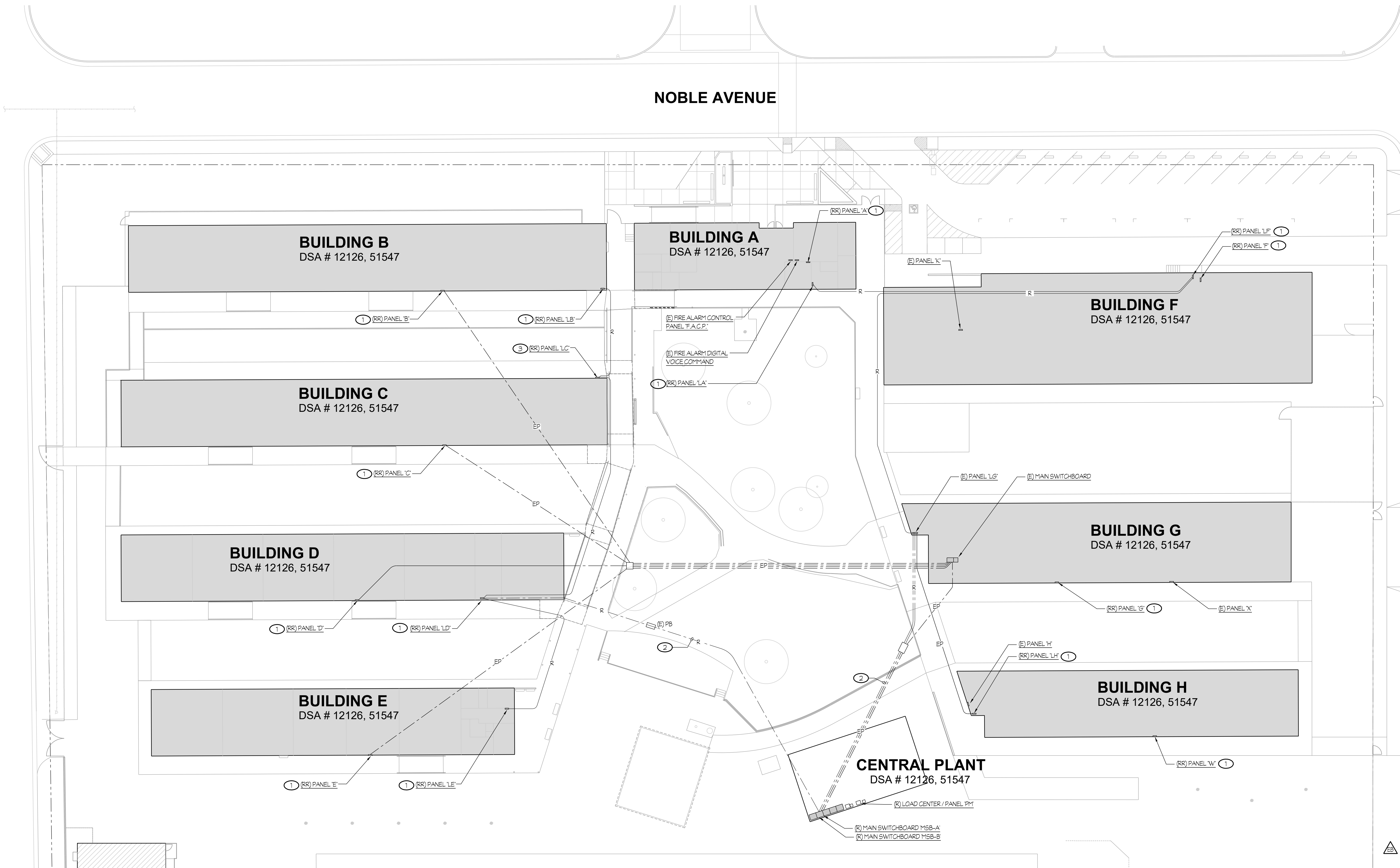
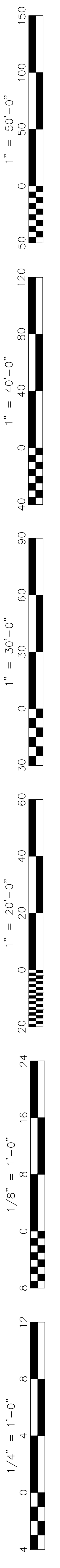
EXHIBIT-1 ALTERNATE BID # 1

SCOPE OF WORK
PURCHASE EQUIPMENT ONLY

NOTES (THIS SHEET ONLY):

- EXISTING PANEL SHALL BE REPLACED IN SAME LOCATION. PROVIDE NEW FEED PER SHEET HE1.02 AND ONE-LINE DIAGRAM, SHEET HE4.01. REFER TO DETAIL #8/ES.00 FOR MOUNTING REQUIREMENTS.
- CONDUCTORS SHALL BE REMOVED FROM EXISTING CONDUIT(S) PER ONE LINE DIAGRAM EXISTING CONDUIT ALLOWED TO BE ABANDONED IN PLACE AND MARKED SPARE.
- EXISTING PANEL SHALL BE REPLACED IN SAME LOCATION. PROVIDE NEW FEED PER SHEET HE1.02 AND ONE-LINE DIAGRAM, SHEET HE4.01. REFER TO DETAIL #8/ES.00 FOR MOUNTING REQUIREMENTS.

GENERAL NOTE:
CONTRACTOR SHALL SURVEY ALL UNDERGROUND ROUTES FOR EXISTING UTILITIES.



NOBLE AVENUE

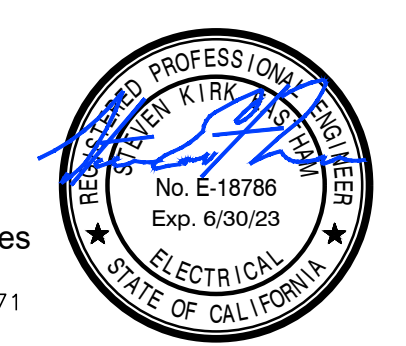
DARTMOUTH STREET

ENLARGED SITE ELECTRICAL PLAN-DEMOLITION
CENTRAL PLANT REPLACEMENT

DSA APP# 03-122490
EQUIPMENT BID PACKAGE
12/6/22

SCALE: 1" = 20'-0"

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Project Name:
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Project Address:
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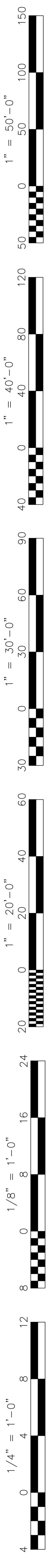
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ENLARGED SITE ELECTRICAL PLAN-DEMOLITION

Job No.: **5525**

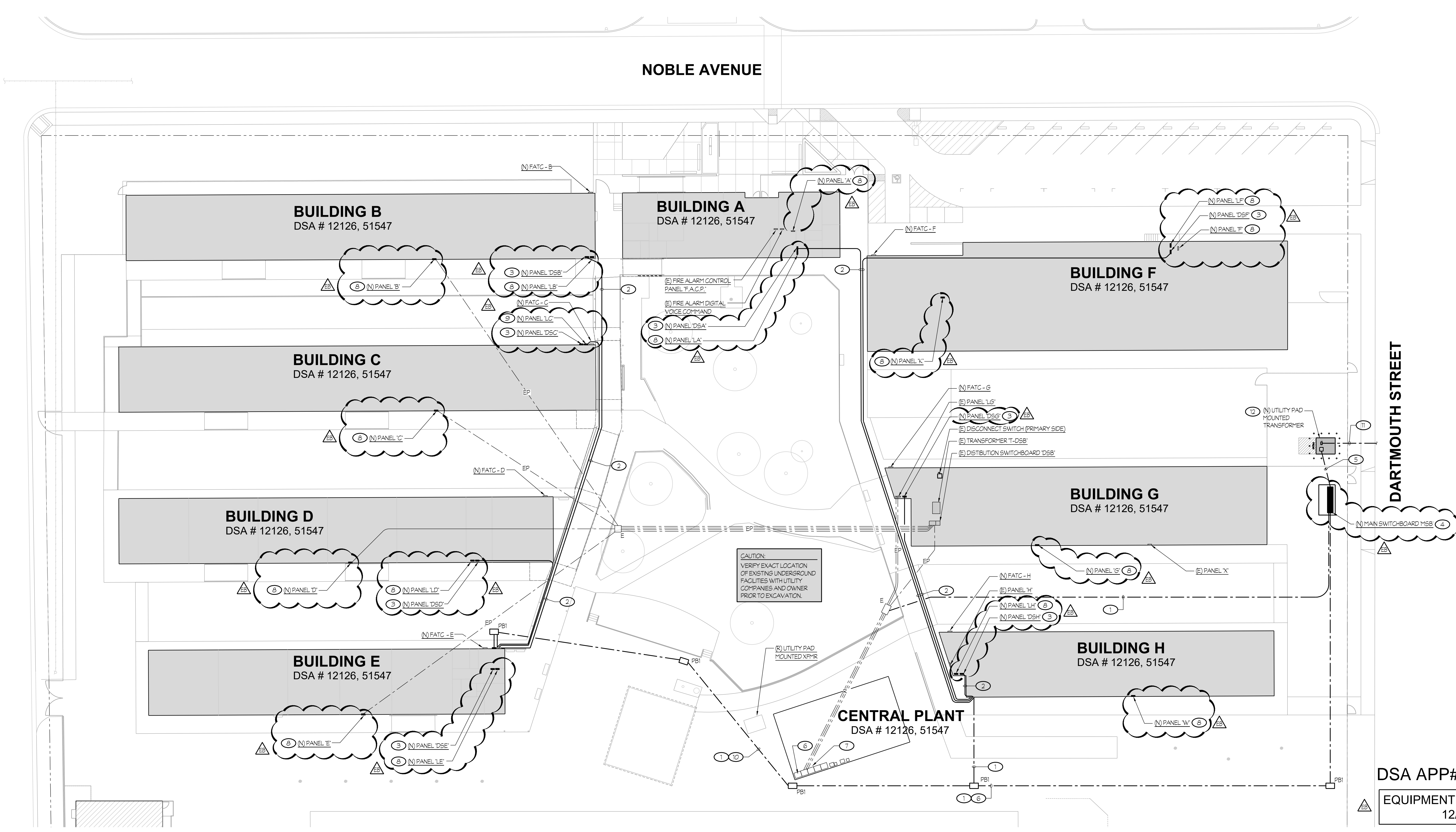
Sheet No.: **E1.01**

Release: DSA BACKCHECK Issue Date: 11-18-2022



SCOPE OF WORK
PURCHASE
EQUIPMENT ONLY

- NOTES (THIS SHEET ONLY):**
- NEW CONDUIT AND CONDUCTORS PER ONE LINE DIAGRAM.
 - ROUTE CONDUIT EXPOSED ON TOP SIDE OF COVERED WALKWAY. TYPICAL. REFER TO DETAIL #1/E5.00 FOR TIE IN TO EACH BUILDING.
 - REFER TO DETAIL #6/E5.00 FOR MOUNTING REQUIREMENTS.
 - REFER TO ONE LINE DIAGRAM SHEET #E4.01 AND DETAIL #7/E5.00 FOR ADDITIONAL REQUIREMENTS.
 - PROVIDE NEW CONDUIT PER APPROVED UTILITY DRAWINGS EXPECTED TO BE (6) 4" CONDUITS.
 - PROVIDE TEMPORARY CONNECTION TO CHILLER SECTION FOR OPERATION OF EQUIPMENT DURING CONSTRUCTION PHASES. CONNECTION SHALL BE REMOVED AT END OF PROJECT.
 - EXISTING BRANCH CIRCUITS SHALL BE INTERCEPTED AND EXTENDED TO NEW MAIN SWITCHBOARD #MSB AS REQUIRED. REFER TO ONE LINE DIAGRAMS ON SHEETS E4.00 AND #E4.01.
 - REPLACE EXISTING PANEL WITH NEW AND CONNECT TO NEW DISTRIBUTION PANEL PER ONE LINE DIAGRAM ON SHEET #E4.02. REFER TO DETAIL #6/E5.00 FOR SURFACE MOUNTING REQUIREMENTS, AND DETAIL #14/E5.00 FOR FLUSH MOUNTING REQUIREMENTS.
 - REPLACE EXISTING PANEL WITH NEW AND CONNECT TO NEW DISTRIBUTION PANEL PER ONE LINE DIAGRAM ON SHEET #E4.02. REFER TO DETAIL #9/E5.00 FOR MOUNTING REQUIREMENTS.
 - REFER TO TRENCH DETAIL #9/E5.00 FOR REQUIREMENTS.
 - PROVIDE NEW CONDUIT PER APPROVED UTILITY DRAWINGS EXPECTED TO BE (1) 5" CONDUIT. COORDINATE UTILITY CONNECTION LOCATION WITH APPROVED UTILITY DRAWINGS.
 - PROVIDE PAD PER PS&E STYLE IE PER PS&E STANDARD # C45292 TO BE VERIFIED WITH APPROVED UTILITY DRAWINGS.



NOBLE AVENUE


DARTMOUTH STREET

ENLARGED SITE ELECTRICAL PLAN - NEW
CENTRAL PLANT REPLACEMENT

DSA APP# 03-122490
EQUIPMENT BID PACKAGE
12/6/22

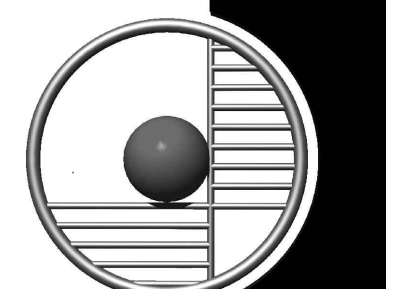
SCALE: 1" = 20'-0"

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Owner:

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Project Name:
CENTRAL PLANT REPLACEMENT

Project Address:
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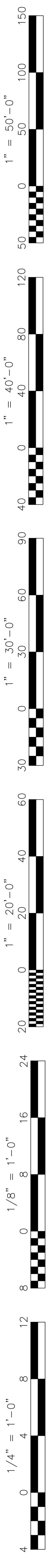
Sheet Title:
ENLARGED SITE ELECTRICAL PLAN-NEW

Job No.:
5525

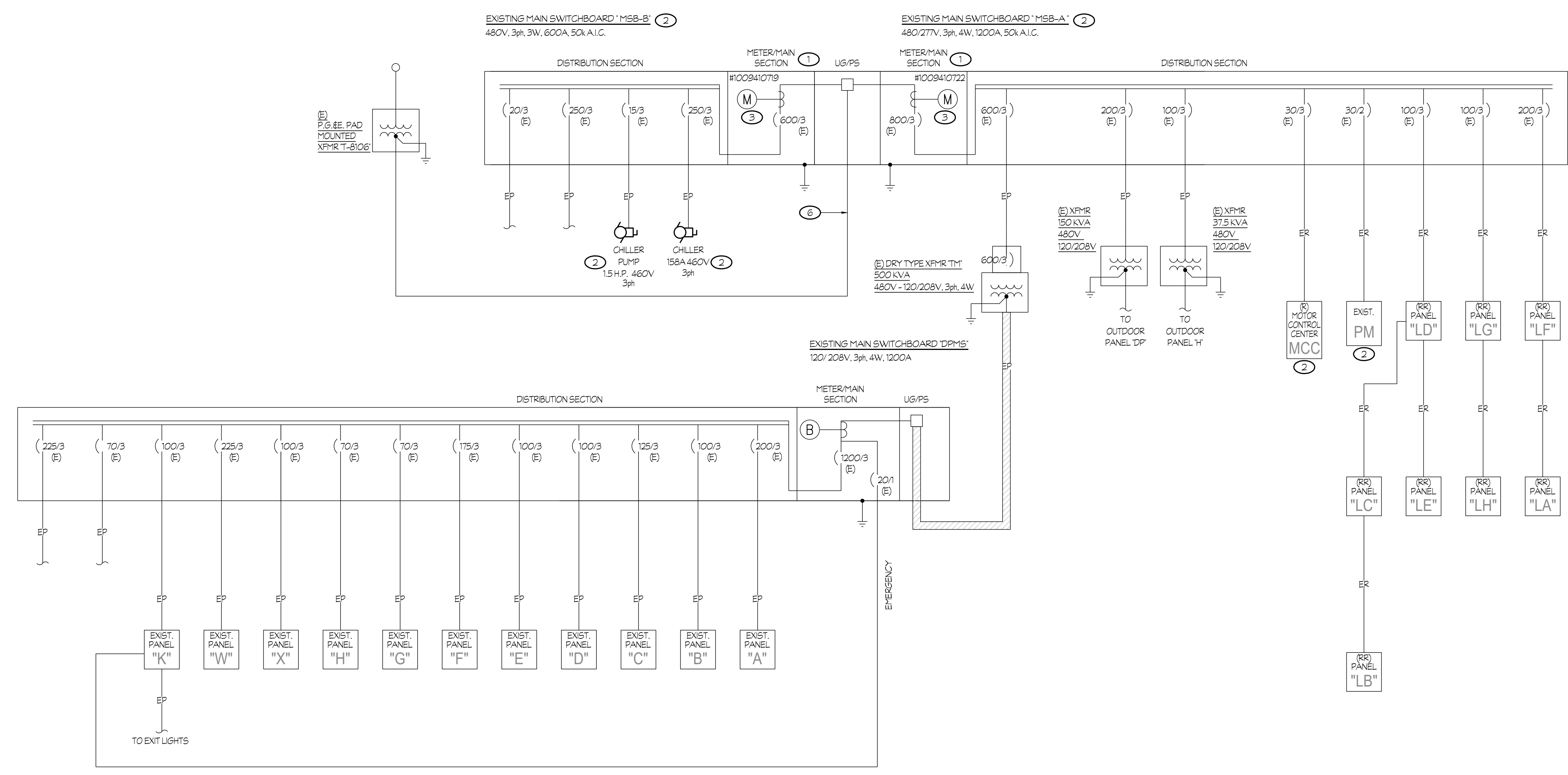
Sheet No.:
E1.02

Release: DSA BACKCHECK Issue Date: 11-18-2022

2:\Drawing\12126\12126-03\12126-03-01\12126-03-01.dwg (Washington Middle School - HAZLOC) 12/6/22 08:16:24



- NOTES (FOR SHEETS E4.01 AND E4.02 ONLY):**
- EXISTING UTILITY FEED SHALL BE DISCONNECTED. PROVIDE NEW CONNECTION FROM NEW BOARD MSB2 TO FEED EXISTING BOARD DURING CONSTRUCTION, AS SHOWN ON SHEET E4.01.
 - EXISTING CHILLER EQUIPMENT SHALL REMAIN IN SERVICE DURING CONSTRUCTION ACTIVITIES. EQUIPMENT SHALL BE DISCONNECTED AND REMOVED AT THE END OF NEW CONSTRUCTION.
 - RETURN UTILITY METER EQUIPMENT TO UTILITY COMPANY AND PROVIDE CONNECTION TO POWER DISTRIBUTION BOARDS.
 - EP _____ DENOTES EXISTING FEEDER AND/OR SPARE CONDUIT(S) SHALL REMAIN, UNLESS OTHERWISE NOTED.
 - ER _____ DENOTES EXISTING BRANCH CIRCUITING/HOMERUN TO BE REMOVED.
 - EXISTING FEED SHALL BE INTERCEPTED AND REROUTED TO NEW BOARD FOR TEMPORARY CONNECTION. REFER TO SHEET E4.01.



SCOPE OF WORK
PURCHASE EQUIPMENT ONLY

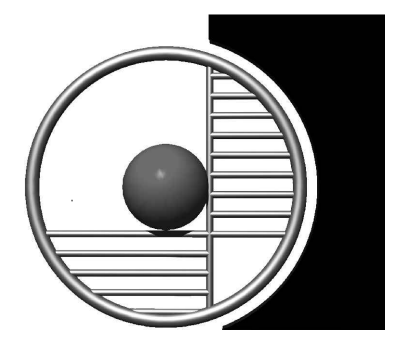


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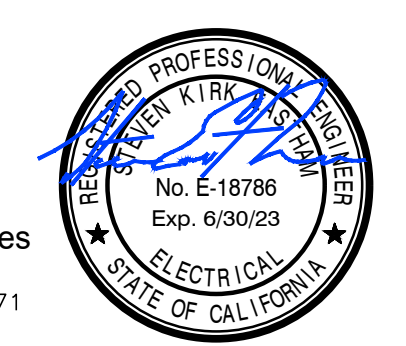
Sheet Title:
ONE LINE DIAGRAM - DEMO

Job No.:
5525

Sheet No.:
E4.00

ONE LINE DIAGRAM - DEMO
CENTRAL PLANT REPLACEMENT

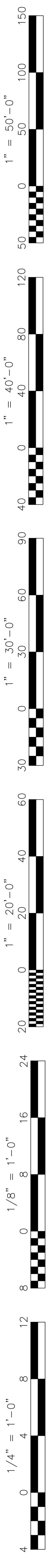
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EQUIPMENT BID PACKAGE
12/6/22



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EXHIBIT-1 ALTERNATE BID # 1

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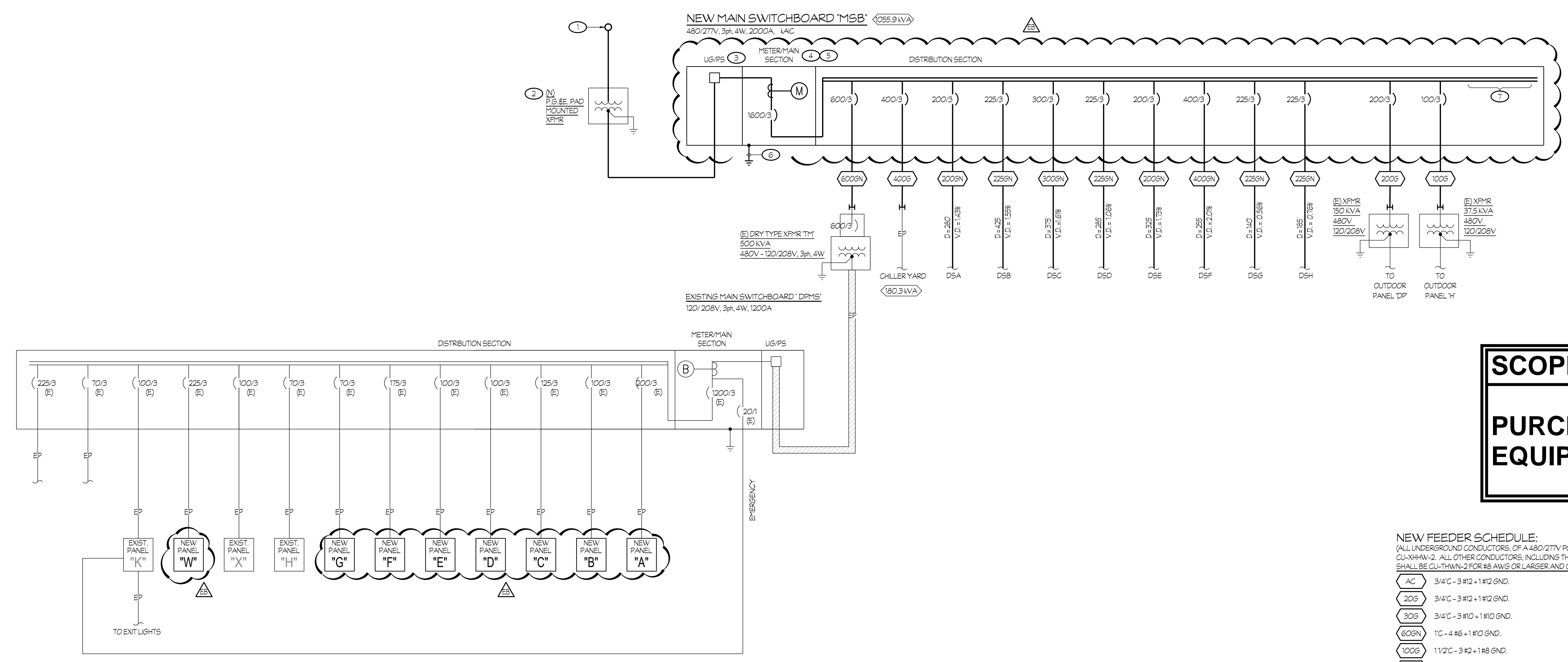


NEW MAIN SWBD 'MSB' LOAD CALCULATION:

MAXIMUM DEMAND PER P.G. & E. RECORDS FOR MAIN SWBD 'MSB' METER #1009410722	232.4 kVA
PLUS DEMAND FACTOR PER C.E.C. 220.35	55.1 kVA
SUB-TOTAL	287.5 kVA
NEW 'CONNECTED' LOAD BEING ADDED	765.4 kVA
H.V.A.C. x 125%	1055.9 kVA
SUB-TOTAL	1391.4 kVA
FUTURE CLASSROOM BUILDING	100 kVA
TOTAL	1555.5 kVA
AT 480/277V 3ph 4W	1391 AMP

THEREFORE, THE NEW 1600 AMP MAIN SWITCHBOARD IS SUFFICIENT.

- NOTES (FOR SHEETS E4.01 AND E4.02 ONLY):**
- P.G. & E. POWER POLE. VERIFY EXACT LOCATION AND RISER QUADRANT WITH P.G. & E. PRIOR TO ROUGH-IN.
 - NEW CONCRETE PAD FOR P.G. & E. PROVIDED TRANSFORMER. COORDINATE WITH APPROVED P.G. & E. DRAWINGS.
 - PROVIDE LANDING LUGS PER P.G. & E. REQUIREMENTS.
 - PROVIDE METERING FACILITIES PER P.G. & E. REQUIREMENTS.
 - MAIN CIRCUIT BREAKER SHALL BE 100% RATED ELECTRONIC TYPE, EQUIPPED WITH LONG-TIME, SHORT-TIME, INSTANTANEOUS-OFF TYPE AND GROUND FAULT TYPE CONFIGURATIONS. MAIN CIRCUIT BREAKER SHALL ALSO BE EQUIPPED WITH A TRIP INDICATOR AND LOCAL CURRENT METER. SQUARE D BRK. SERIES OR EQUAL.
 - 1 #3/0 TO GROUNDING ELECTRODE SYSTEM PER DETAIL #12 / E5.00.
 - PROVIDE WITH SPACE AND MOUNTING HARDWARE FOR MINIMUM (6) 400 A FRAMES.
 - REFER TO PANEL SCHEDULE ON SHEET E4.03 FOR ADDITIONAL INFORMATION. TYPICAL FOR NEW PANELS SHOWN.



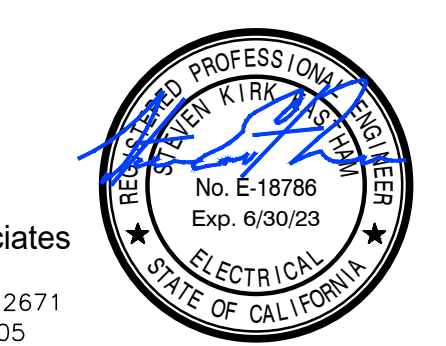
SCOPE OF WORK
PURCHASE EQUIPMENT ONLY

NEW FEEDER SCHEDULE:
(ALL UNDERGROUND CONDUCTORS, OF A 480/277V POWER SYSTEM, SHALL BE TYPE CU-XHHW-2. ALL OTHER CONDUCTORS, INCLUDING THE EQUIPMENT GROUNDING CONDUCTOR, SHALL BE CU-TW-2 FOR #8 AWG OR LARGER AND CU-TW-1 FOR #10 AWG OR SMALLER.)

AC	3/4" C - 3 #12 + 1 #12 GND.
200	3/4" C - 3 #12 + 1 #12 GND.
300	3/4" C - 3 #10 + 1 #10 GND.
600N	1" C - 4 #6 + 1 #10 GND.
1000	1 1/2" C - 3 #2 + 1 #8 GND.
2000N	2" C - 4 #3/0 + 1 #8 GND.
3000	2" C - 3 #3/0 + 1 #8 GND.
2250N	2 1/2" C - 4 #4/0 + 1 #4 GND.
5000N	3" C - 4 #250 kcmil + 1 #4 GND.
4000	3" C - 3 #500 kcmil + 1 #2 GND.
4000N	4" C - 4 #500 kcmil + 1 #2 GND.
6000	(2) 3" C - 3 #350 kcmil + 1 #1 GND, EACH

ONLINE DIAGRAM
CENTRAL PLANT REPLACEMENT

DSA APP# 03-122490
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12/6/22



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Owner:
BCSD
BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD CITY SCHOOL DISTRICT

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Project Name:
CENTRAL PLANT REPLACEMENT

Project Address:
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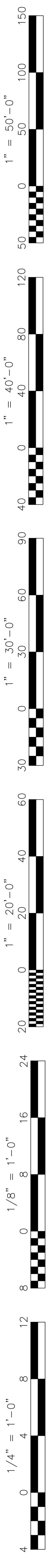
Job No.:
5525

Sheet No.:
E4.01

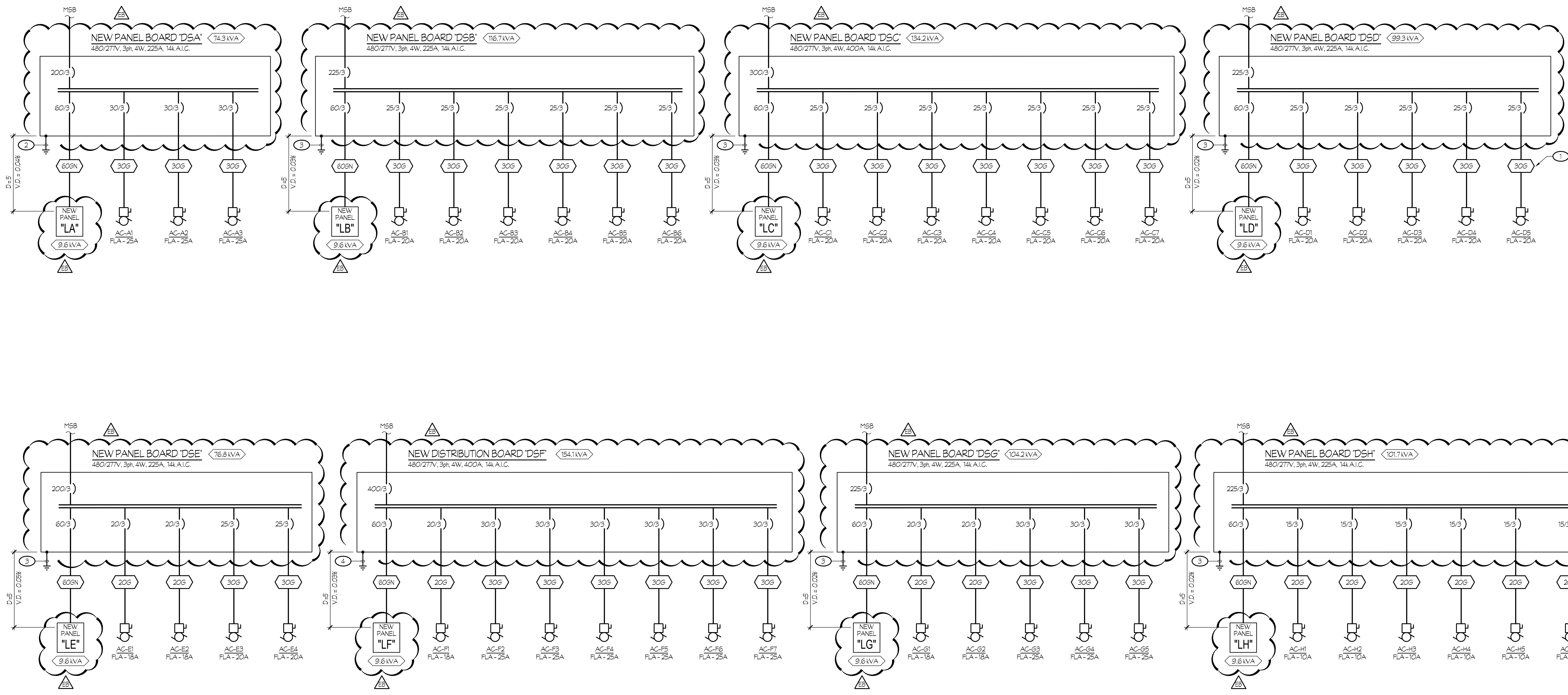
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NTS



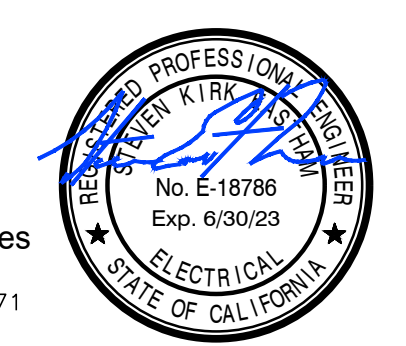
- NOTES (THIS SHEET ONLY):
- REFER TO FEEDER SCHEDULE ON SHEET E4.01, TYPICAL.
 - PROVIDE 1 #4 GND. PER DETAIL #13/E5.00.
 - PROVIDE 1 #2 GND. PER DETAIL #13/E5.00.
 - PROVIDE 1 #10 GND. PER DETAIL #13/E5.00.



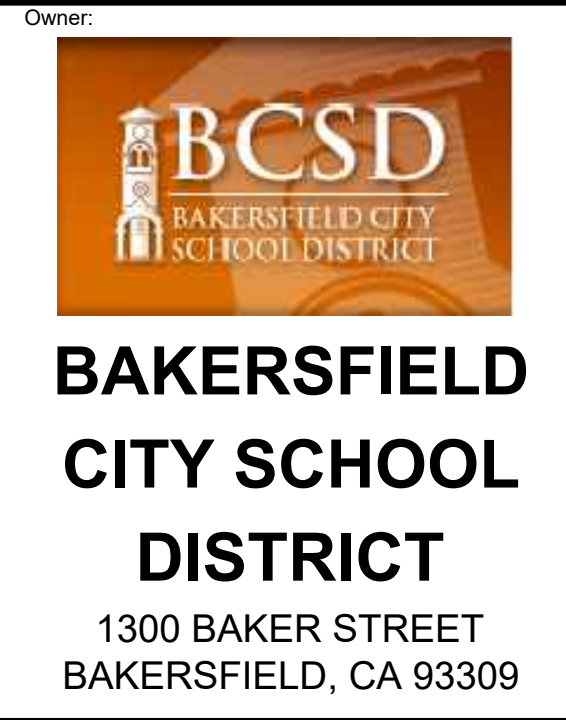
SCOPE OF WORK
PURCHASE EQUIPMENT ONLY

ONLINE DIAGRAM
CENTRAL PLANT REPLACEMENT

DSA APP# 03-122490
EQUIPMENT BID PACKAGE
12/6/22

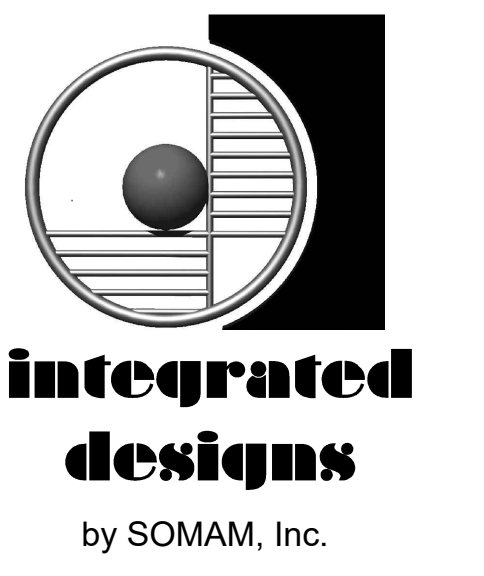


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BAKERSFIELD CITY SCHOOL DISTRICT
CENTRAL PLANT REPLACEMENT

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Job No.: **5525**

Sheet No.: **E4.02**

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120/208V, 3 PH, 4 W
225 A. BUSSING 225 A. MAIN BKR.
42 CIRCUIT

10K BREAKER A.I.C.
5 3/4" MAX. ENCL. DEPTH
SURF MOUNTING PER J...

CIR	CIR	LOAD, V.A.			DESCRIPTION	DESCRIPTION	LOAD, V.A.			CIR	CIR
		A	B	C			C	B	A		
1	20/1	1440			(E) LOAD	(E) LOAD			1300	20/1	2
3	20/1		1000		(E) LOAD	(E) LOAD		1400		20/1	4
5	20/1			12200	(E) LOAD	(E) LOAD	1500			20/1	6
7	20/1	1000			RECEPT.	RECEPT.			1000	20/1	8
9	20/1		1000		(E) LOAD	(E) LOAD		1100		20/1	10
11	20/1			1200	(E) LOAD	RECEPT.		1000		20/1	12
13	20/1	1000			RECEPT.	(E) LOAD		500		20/1	14
15	20/1		500		(E) LOAD	(E) LOAD		1800		20/1	16
17	20/1			1050	(E) LOAD	SPARE				20/1	18
19	20/1				SPARE	SPARE				20/1	20
21	20/1				SPARE	SPARE				20/1	22
23	20/1				SPARE	SPARE				20/1	24
25	20/1				SPARE	SPARE				20/1	26
27	20/1				SPARE	SPARE				20/1	28
29	20/1				SPARE	SPARE				20/1	30
31	20/1				SPARE	SPARE				20/1	32
33	20/1				SPARE	SPARE				20/1	34
35	20/1				SPARE	SPARE				20/1	36
37	20/1				SPARE	SPARE				20/1	38
39	20/1				SPARE	SPARE				20/1	40
41	20/1				FIRE ALARM "F.A.C.P."	SPARE				20/1	42

LOAD SUMMARY			
CONNECTED LOAD (VA):	6240	6800	16950
25% LCL/LML (VA):	0	0	0
TOTAL LOAD (VA):	6240	6800	16950
TOTAL LOAD (AMPS):	52.0	56.7	141.3

TOTAL CALCULATED LOAD FOR PANEL:		
29990 VA		

120/208V, 3 PH, 4 W
225 A. BUSSING 225 A. MAIN BKR.
42 CIRCUIT

10K BREAKER A.I.C.
5 3/4" MAX. ENCL. DEPTH
SURF MOUNTING

CIR	CIR	LOAD, V.A.			DESCRIPTION	DESCRIPTION	LOAD, V.A.			CIR	CIR
		A	B	C			C	B	A		
1	30/1	2250			(E) LOAD	(E) LOAD			2250	30/1	2
3	30/1		2250		(E) LOAD	(E) LOAD		2250		30/1	4
5	30/1			2250	(E) LOAD	(E) LOAD	2250			30/1	6
7	30/1	2250			(E) LOAD	(E) LOAD		2250		30/1	8
9	30/1		2250		(E) LOAD	(E) LOAD		2250		30/1	10
11	30/1			2250	(E) LOAD	(E) LOAD	2250			30/1	12
13	20/1	1400			(E) LOAD	(E) LOAD		1000		20/1	14
15	20/1		1000		RECEPT.	RECEPT.		1000		20/1	16
17	20/1			1000	RECEPT.	AIR PURIFIER	600			20/1	18
19	20/1	600			AIR PURIFIER	AIR PURIFIER		600		20/1	20
21	20/1		600		AIR PURIFIER	AIR PURIFIER		600		20/1	22
23	20/1			600	AIR PURIFIER	SPARE				20/1	24
25	20/1				SPARE	SPARE				20/1	26
27	20/1				SPARE	SPARE				20/1	28
29	20/1				SPARE	SPARE				20/1	30
31	20/1				SPARE	SPARE				20/1	32
33	20/1				SPARE	SPARE				20/1	34
35	20/1				SPARE	SPARE				20/1	36
37	20/1				SPARE	SPARE				20/1	38
39	20/1				SPARE	RECEPT. - ROOF	1080			20/1	40
41	20/1				FIRE ALARM "P.E.P.-B"	MECHANICAL CONTROLS	500			20/1	42

LOAD SUMMARY			
CONNECTED LOAD (VA):	12600	13280	11700
25% LCL/LML (VA):	0	0	0
TOTAL LOAD (VA):	12600	13280	11700
TOTAL LOAD (AMPS):	105.0	110.7	97.5

TOTAL CALCULATED LOAD FOR PANEL:		
37580 VA		

120/208V, 3 PH, 4 W
225 A. BUSSING 225 A. MAIN BKR.
42 CIRCUIT

10K BREAKER A.I.C.
5 3/4" MAX. ENCL. DEPTH
SURF MOUNTING

CIR	CIR	LOAD, V.A.			DESCRIPTION	DESCRIPTION	LOAD, V.A.			CIR	CIR
		A	B	C			C	B	A		
1	30/1	2250			(E) LOAD	(E) LOAD			2250	30/1	2
3	30/1		2250		(E) LOAD	(E) LOAD		2250		30/1	4
5	30/1			2250	(E) LOAD	(E) LOAD	2250			30/1	6
7	30/1	2250			(E) LOAD	(E) LOAD		2250		30/1	8
9	30/1		2250		(E) LOAD	(E) LOAD		2250		30/1	10
11	20/1			1500	(E) LOAD	(E) LOAD	1500			20/1	12
13	20/1	1500			(E) LOAD	(E) LOAD		1500		20/1	14
15	20/1		1360		(E) LOAD	(E) LOAD		1000		20/1	16
17	20/1			1000	RECEPT.	RECEPT.		1000		20/1	18
19	20/1	1000			RECEPT.	SPARE				20/1	20
21	20/1		600		AIR PURIFIER	(E) LOAD		600		20/1	22
23	20/1			600	AIR PURIFIER	AIR PURIFIER	600			20/1	24
25	20/1	600			AIR PURIFIER	AIR PURIFIER		600		20/1	26
27	20/1				SPARE	SPARE				20/1	28
29	20/1				SPARE	SPARE				20/1	30
31	20/1				SPARE	SPARE				20/1	32
33	20/1				SPARE	SPARE				20/1	34
35	20/1				SPARE	SPARE				20/1	36
37	20/1				SPARE	SPARE				20/1	38
39	20/1				SPARE	RECEPT. - ROOF	1080			20/1	40
41	20/1				SPARE	MECHANICAL CONTROLS	500			20/1	42

LOAD SUMMARY			
CONNECTED LOAD (VA):	14200	13540	11200
25% LCL/LML (VA):	0	0	0
TOTAL LOAD (VA):	14200	13540	11200
TOTAL LOAD (AMPS):	118.3	112.8	93.3

TOTAL CALCULATED LOAD FOR PANEL:		
38940 VA		

120/208V, 3 PH, 4 W
225 A. BUSSING 225 A. MAIN BKR.
42 CIRCUIT

10K BREAKER A.I.C.
5 3/4" MAX. ENCL. DEPTH
SURF MOUNTING

CIR	CIR	LOAD, V.A.			DESCRIPTION	DESCRIPTION	LOAD, V.A.			CIR	CIR
		A	B	C			C	B	A		
1	30/1	2250			(E) LOAD	(E) LOAD			2250	30/1	2
3	30/1		2250		(E) LOAD	(E) LOAD		2250		30/1	4
5	30/1			2250	(E) LOAD	(E) LOAD	2250			30/1	6
7	30/1	2250			(E) LOAD	(E) LOAD		2250		30/1	8
9	30/1		2250		(E) LOAD	(E) LOAD		2250		30/1	10
11	20/1			1350	(E) LOAD	(E) LOAD	1300			20/1	12
13	20/1	900			(E) LOAD	RECEPT.		1000		20/1	14
15	20/1		1000		RECEPT.	RECEPT.		1000		20/1	16
17	20/1			500	(E) LOAD	AIR PURIFIER	600			20/1	18
19	20/1				SPARE	AIR PURIFIER		600		20/1	20
21	20/1				SPARE	AIR PURIFIER		600		20/1	22
23	20/1				SPARE	AIR PURIFIER	600			20/1	24
25	20/1				SPARE	AIR PURIFIER		600		20/1	26
27	20/1				SPARE	SPARE				20/1	28
29	20/1				SPARE	SPARE				20/1	30
31	20/1				SPARE	SPARE				20/1	32
33	20/1				SPARE	SPARE				20/1	34
35	20/1				SPARE	SPARE				20/1	36
37	20/1				SPARE	SPARE				20/1	38
39	20/1				SPARE	RECEPT. - ROOF	900			20/1	40
41	20/1				SPARE	MECHANICAL CONTROLS	500			20/1	42

LOAD SUMMARY			
CONNECTED LOAD (VA):	12100	12500	9350
25% LCL/LML (VA):	0	0	0
TOTAL LOAD (VA):	12100	12500	9350
TOTAL LOAD (AMPS):	100.8	104.2	77.9

TOTAL CALCULATED LOAD FOR PANEL:		
33950 VA		

120/208V, 3 PH, 4 W
225 A. BUSSING 225 A. MAIN BKR.
42 CIRCUIT

10K BREAKER A.I.C.
5 3/4" MAX. ENCL. DEPTH
SURF MOUNTING

CIR	CIR	LOAD, V.A.			DESCRIPTION	DESCRIPTION	LOAD, V.A.			CIR	CIR
		A	B	C			C	B	A		
1	30/1	2250			(E) LOAD	(E) LOAD			2250	30/1	2
3	30/1		2250		(E) LOAD	(E) LOAD		2250		30/1	4
5	20/1			1500	(E) LOAD	(E) LOAD	1500			20/1	6
7	20/1	1500			(E) LOAD	(E) LOAD		1500		20/1	8
9	20/1		1200		(E) LOAD	(E) LOAD		1500		20/1	10
11	20/1			1410	(E) LOAD	(E) LOAD	1500			20/1	12
13	20/1	1000			RECEPT.	RECEPT.		1000		20/1	14
15	20/1		800		(E) LOAD	RECEPT.		1000		20/1	16
17	20/1			800	(E) LOAD	(E) LOAD	800			20/1	18
19	20/1				SPARE	SPARE				20/1	20
21	20/1				SPARE	SPARE				20/1	22
23	20/1			600	AIR PURIFIER	SPARE				20/1	24
25	20/1	600			AIR PURIFIER	SPARE				20/1	26
27	20/1		600		AIR PURIFIER	SPARE				20/1	28
29	20/1			600	AIR PURIFIER	SPARE				20/1	30
31	20/1				SPARE	SPARE				20/1	32
33	20/1				SPARE	SPARE				20/1	34
35	20/1				SPARE	SPARE				20/1	36
37	20/1				SPARE	SPARE				20/1	38
39	20/1				SPARE	RECEPT. - ROOF	720			20/1	40
41	20/1				SPARE	MECHANICAL CONTROLS	500			20/1	42

LOAD SUMMARY			
CONNECTED LOAD (VA):	10100	10320	9210
25% LCL/LML (VA):	0	0	0
TOTAL LOAD (VA):	10100	10320	9210
TOTAL LOAD (AMPS):	84.2	86.0	76.8

TOTAL CALCULATED LOAD FOR PANEL:		
29630 VA		

120/208V, 3 PH, 4 W
225 A. BUSSING 225 A. MAIN BKR.
42 CIRCUIT

10K BREAKER A.I.C.
5 3/4" MAX. ENCL. DEPTH
SURF MOUNTING

CIR	CIR	LOAD, V.A.			DESCRIPTION	DESCRIPTION	LOAD, V.A.			CIR	CIR
		A	B	C			C	B	A		
1	20/1	500			(E) LOAD	(E) LOAD			500	20/1	2
3	20/1		500		(E) LOAD	(E) LOAD		500		20/1	4
5	20/1			500	(E) LOAD	(E) LOAD	500			20/1	6
7	20/1	500			(E) LOAD	(E) LOAD		500		20/1	8
9	20/1		500		(E) LOAD	(E) LOAD		500		20/1	10
11	20/1			800	AIR PURIFIER	SPARE				20/1	12
13	20/1				SPARE	SPARE				20/1	14
15	20/1				SPARE	SPARE				20/1	16
17	20/1				SPARE	SPARE				20/1	18
19	20/1				SPARE	SPARE				20/1	20
21	20/1				SPARE	SPARE				20/1	22
23	20/1				SPARE	SPARE					