	DESIGN CHECKLIST INTRODUCTION		
	1 The checklist is intended to serve as a convenient guide in design		
	development as well as the final checking of plans and specifications		
	for construction projects. Its main usefulness for this purpose is that it points out errors and discrepancies that frequently occur. It is not		
	intended to be all-inclusive, but if used conscientiously, it will serve to		
	eliminate many of the design deficiencies which have been found in		
	past construction projects.		
	2 The checklist will be utilized and completed for each project and		
	2 The checklist will be utilized and completed for each project and will be submitted with the final Design Analysis. It will then be utilized		
	by Middle East District(MED) for review of the completed design.		
	3 Each item in the checklist must be marked to indicate that the		
	item has been examined by inserting a check mark in the space provided for the reviewer's notes. If an item is not applicable, the		
	letters "NA" should be inserted in this space. If an entire section is not		
	applicable, this may be noted on the first page.		
	4 Brief explanatory notes may be inserted in the space provided		
	for reviewer's notes when appropriate. For example, when checking		
	equipment space requirements, the manufacturer of the type of equipment used to check this item may be inserted in this space. Also,		
	if special reasons exist for not complying with an item, an explanation		
	must be inserted.		
	5 It is important that review comments be scrutinized for		
	compliance as part of the checking procedures.		
	PROJECT NAME		
	DISCIPLINE ELECTRICAL		
	REVIEWER		
	DRAWINGS REVIEWED		
		Verified-X Not Applicable-NA	
	DRAWINGS REVIEWED	Verified-X Not Applicable-NA	Comment
	DRAWINGS REVIEWED		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST DRAWINGS General - Check Symbol list against drawings to assure all symbols used are included in		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST DRAWINGS General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list.		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST DRAWINGS General - Check Symbol list against drawings to assure all symbols used are included in		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST Image: Drawing numbers and titles to assure all symbols used are included in the symbol list. Image: Drawing numbers and titles to assure all are correctly titles and		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered.		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST DRAWINGS General - Check Symbol list against drawings to assure all symbols used are included in the symbol list. Drawing numbers and titles to assure all are correctly titles and numbered. Correctly correctly titles and titled.		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST DRAWINGS I General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered. c Drawing index to assure all drawings are properly listed and titled. 2 Exterior Electrical - Check		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST Image: Drawing constraints of the symbol		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST DRAWINGS General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered. c Drawing index to assure all drawings are properly listed and titled. 2 Exterior Electrical - Check a Source of Power (1) Connection to Medium Voltage Feeder:		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST DRAWINGS I General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered. c Drawing index to assure all drawings are properly listed and titled. 2 Exterior Electrical - Check a Source of Power (1) Connection to Medium Voltage Feeder: Routings shown on site plan		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST Image: DRAWINGS Image: General - Check Image: General - Check <t< td=""><td></td><td>Comment</td></t<>		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST Image: Design of the symbol		Comment Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST Image: Comparison of the symbol sy		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST Image: Comparison of the symbol sy		Comment Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST Image: Constraint of the symbol sy		Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DRAWINGS I General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered. c Drawing index to assure all drawings are properly listed and titled. 2 Exterior Electrical - Check a Source of Power (1) Connection to Medium Voltage Feeder: Routings shown on site plan Medium Voltage Feeder described on one line diagram Method of connection detailed Sub-feeders described (if used) Electrical Properties on one line diagram Location on site plan Metering and options shown		Comment Comment
A	DRAWINGS REVIEWED DESIGN CHECKLIST DRAWINGS I General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered. c Drawing index to assure all drawings are properly listed and titled. 2 Exterior Electrical - Check a Source of Power (1) Connection to Medium Voltage Feeder: Routings shown on site plan Medium Voltage Feeder described on one line diagram Method of connection detailed Sub-feeders described (if used) Electrical Properties on one line diagram Location on site plan Metering and options shown (2) Locally Generated Power:		Comment
	DRAWINGS REVIEWED DESIGN CHECKLIST DRAWINGS I General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered. c Drawing index to assure all drawings are properly listed and titled. 2 Exterior Electrical - Check a Source of Power (1) Connection to Medium Voltage Feeder: Routings shown on site plan Medium Voltage Feeder described on one line diagram Method of connection detailed Sub-feeders described (if used) Electrical Properties on one line diagram Location on site plan Metering and options shown (2) Locally Generated Power: Location shown on site plan		Comment Comment
	DRAWINGS REVIEWED DESIGN CHECKLIST DRAWINGS 1 General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered. c Drawing index to assure all drawings are properly listed and titled. 2 Exterior Electrical - Check a Source of Power (1) Connection to Medium Voltage Feeder: Routings shown on site plan Method of connection detailed Sub-feeders described (if used) Electrical Properties on one line diagram Location on site plan Metering and options shown (2) Locally Generated Power: Location shown on site plan Size shown on one line diagram		Comment Comment
	DRAWINGS REVIEWED DESIGN CHECKLIST DRAWINGS I General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered. c Drawing index to assure all drawings are properly listed and titled. 2 Exterior Electrical - Check a Source of Power (1) Connection to Medium Voltage Feeder: Routings shown on site plan Medium Voltage Feeder described on one line diagram Method of connection detailed Sub-feeders described (if used) Electrical Properties on one line diagram Location on site plan Metering and options shown (2) Locally Generated Power: Location shown on site plan		Comment
	DRAWINGS REVIEWED DESIGN CHECKLIST DRAWINGS 1 General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered. c Drawing index to assure all drawings are properly listed and titled. 2 Exterior Electrical - Check a Source of Power (1) Connection to Medium Voltage Feeder: Routings shown on site plan Method of connection detailed Sub-feeders described (if used) Electrical Properties on one line diagram Location on site plan Metering and options shown (2) Locally Generated Power: Location shown on site plan Size shown on one line diagram		Comment Comment
	DRAWINGS REVIEWED DESIGN CHECKLIST DRAWINGS I General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered. c Drawing index to assure all drawings are properly listed and titled. 2 Exterior Electrical - Check a Source of Power (1) Connection to Medium Voltage Feeder: Routings shown on site plan Method of connection detailed Sub-feeders described (if used) Electrical Properties on one line diagram Metering and options shown (2) Locally Generated Power: Location shown on site plan Size shown on one line diagram Overcurrent protection shown		Comment Comment
	DRAWINGS REVIEWED DESIGN CHECKLIST DESIGN CHECKLIST DRAWINGS 1 General - Check a Symbol list against drawings to assure all symbols used are included in the symbol list. b Drawing numbers and titles to assure all are correctly titles and numbered. c Drawing index to assure all drawings are properly listed and titled. 2 Exterior Electrical - Check a Source of Power (1) Connection to Medium Voltage Feeder: Routings shown on site plan Medium Voltage Feeder described on one line diagram Method of connection detailed Sub-feeders described (if used) Electrical Properties on one line diagram Location on site plan Metering and options shown (2) Locally Generated Power: Location shown on site plan Size shown on one line diagram Overcurrent protection shown Overcurrent protection shown Overcurrent protection shown		Comment Comment

DESIGN CHECKLIST	Verified-X Not Applicable-NA	Comment
Primary protection requirement shown on one line		Comment
Primary Voltage and configuration shown on one line		
Transformer KVA shown on one line		
Transformer KVA supported in design analysis		
Secondary Voltage and configuration shown on one line		
Secondary Protection Requirement defined on one line		
Secondary Distribution Conductors defined on one line		
Secondary Conductors sized for full load current		
b Main Transformer		
Location shown on site plan, Sheet		
Primary protection requirement shown on one line		
Lightning Arresters, including rating, shown on Primary side		
Primary Voltage and configuration shown on one line		
Transformer KVA shown on one line		
Transformer KVA supported in design analysis		
Secondary Voltage and configuration shown on one line		
Secondary Protection Requirement defined on one line		
Secondary Distribution Conductors defined on one line		
Secondary Conductors sized for full load current of transformer		
Grounding and (where needed) ground fault protection shown		
Specifications correspond to one line diagram		
c Distribution Feeders		
Routing shown on site plan, Sheet Size shown on one line diagram		
Overcurrent protection shown		
Overcurrent protection and conductor size coordinated Voltage drop considered for long runs		
Ductbank system detailed where required Drawings checked for conflicts with other utilities		
d Generator (For Building)		
Location shown on site plan, Sheet		
Size shown on one line diagram		
Overcurrent protection shown		
Overcurrent protection and conductor size coordinated		
Voltage drop considered for long runs		
Transfer switch ratings shown		
Transfer switch location shown on site plan, Sheet		

page 2 of 7

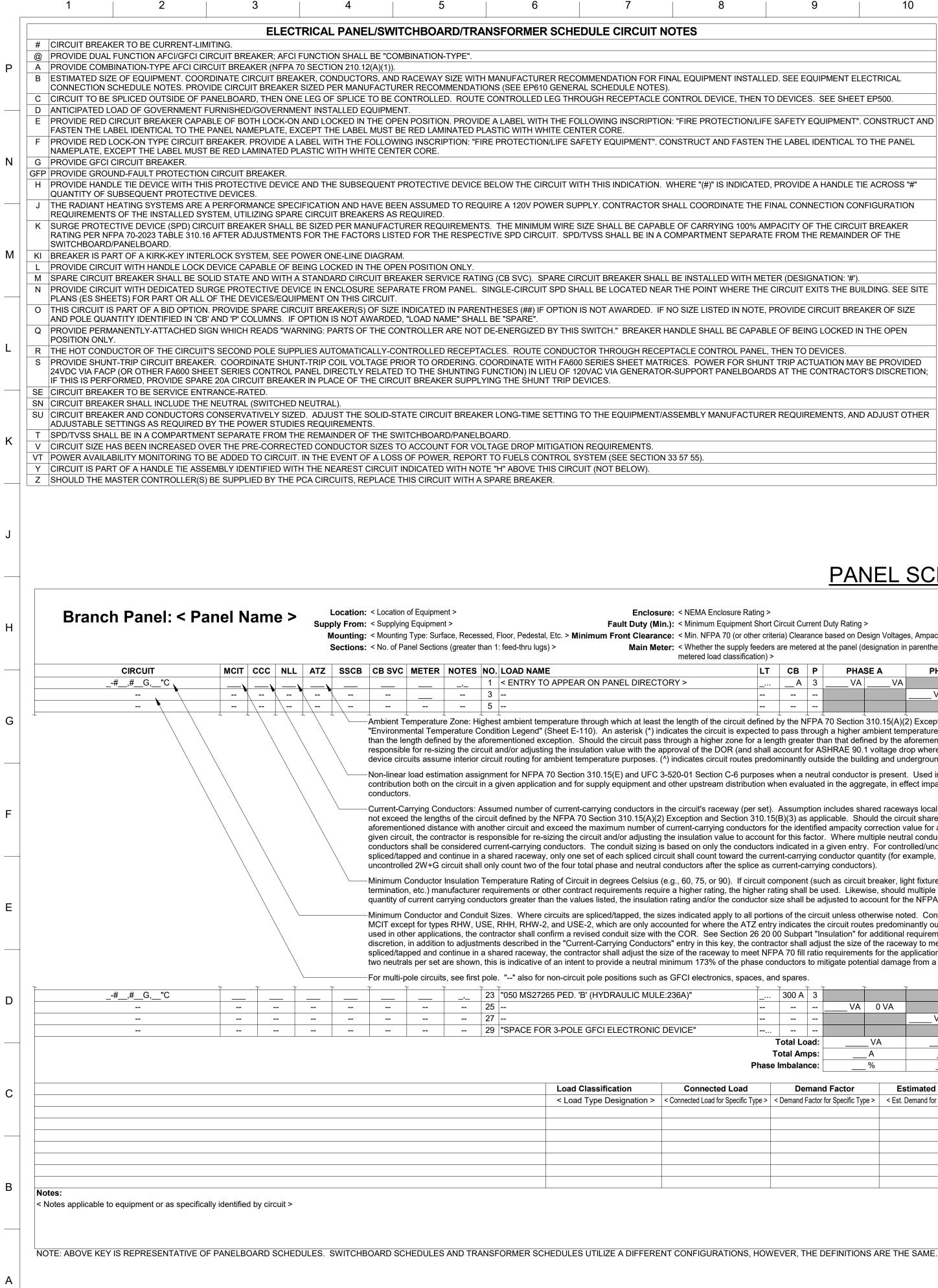
DESIGN CHECKLIST	Verified-X Not Applicable-NA	
		Comment
e Other Site Utilities		
Site one line diagram provided if required		
 (3) Site Lighting:		
Street Lighting:		
Locations shown on plan		
 Each fixture circuited		
Method of Control indicated		
Fixture types defined		
Area Lighting:		
Locations shown on plan		
Each fixture circuited		
Method of Control indicated		
Fixture types defined		
Perimeter/Security Lighting:		
 Locations shown on plan		
 Each fixture circuited		
Method of Control indicated		
Fixture types defined		
(5) Cathodic Protection		
 Locations shown on plan		
 Ratings shown on plan		
3 Interior Electrical - Check		
a Service Entrance Equipment		
Bus Rating Ampere rating shown on one line		
Bus Rating Voltage and configuration shown on one line		
 Bus Rating coordinated with feeder and source of power		
 Interrupting capacity shown		
 Interrupting capacity consistent with source of power		
 Main Breaker rating shown		
 Ground Fault Protection shown for => 1,000 A disconnect		
 Location of service entrance panel shown on plans, Sheet		
 Building entrance details shown		
 Location shown on plan, space, clearance, and cooling adequate		
Metering and other devices shown		
 Control power for electrically operated breakers (if any) shown		
b Distribution Feeders		
 Overcurrent device ratings shown		
Feeder sizes shown on one line diagram		
Sizes coordinate with overcurrent device ratings		
 Design analysis supports feeder sizes		
 Destination panels/loads identified		

DESIGN CHECKLIST	Verified-X Not	
	Applicable-NA	
 c Panelboards		Comment
 For Each Panel:		
 Locations shown on plans		
Names coordinated with one line diagram		
 Bus ampere ratings shown		
 Bus ampere ratings coordinated with feeder ratings		
 Bus ampere ratings coordinated with demand load		
Demand factor reasonable for connected loads		
MLO or Main Breaker indicated		
Short circuit rating indicated		
Check rating for circuits feeding all		
sub-panels		
transformers		
pumps		
chillers		
other		
Location shown on plan (space and cooling adequate)		
d Step Down Transformers		
For Each Transformer:		
KVA Rating Shown		
 Primary and Secondary Voltages shown		
Primary and Secondary Configurations shown (delta-wye)		
Primary Protection sized properly and shown		
 Primary Feeder size coordinated w/OCD and shown		
Secondary Protection sized properly and shown		
Secondary Feeder size coordinated w/OCD and shown		
Location shown on plan (space and cooling adequate)		
e Frequency Converters, UPS, Etc.		
(1) For Each Frequency Converter, Etc.		
 KVA Rating Shown		
Primary and Secondary Voltages shown		
 Primary and Secondary Configurations shown (delta-wye)		
 Primary Protection sized properly and shown		
 Primary Feeder size coordinated w/OCD and shown		
Secondary Protection sized properly and shown		
 Secondary Feeder size coordinated w/OCD and shown		
 Location shown on plan (space and cooling adequate)		
(2) For 400 Hz Secondary Runs - Check		
Maximum distance (75 ft, single phase, 130 ft 3 phase)		
Non magnetic conduit (either aluminum or PVC)		
Maximum conductor size (no larger than 2/0, or 70 mm2)		
Check voltage drop calculations (approximately 7 times 60 Hz values)		
(3)For Each UPS		
KVA Rating Shown		
Input Voltages shown		
Input Protection sized properly and shown		
Input Feeder size coordinated w/OCD and shown		
Output Feeder size coordinated with KVA rating of the unit		
Location shown on plan (space and cooling adequate)		
Maximum input and output total harmonic distortion is specified		

	DESIGN CHECKLIST	Verified-X Not Applicable-NA	
			Comment
	f Motors		
	For Largest Motors Shown on Plan:		
	Check sizes against mechanical schedules		
	Show disconnect on one line for large motors		
	Check disconnect ratings		
	Check Overcurrent device ratings		
	Locations shown on plan with disconnects		
	g Mechanical Equipment		
	For Largest Pieces of Mechanical Equipment:		
	Check sizes against mechanical schedules		
	Show disconnect		
	Check disconnect ratings		
	Check Overcurrent device ratings		
	Locations shown on plans (adequate space and cooling)		
	Control wiring diagrams provided when needed		
	h Lighting Circuits		
	Check exits for Exit Lights		
	Check exit corridors and other rooms for Emergency Lights		
	Check Fixture Schedules against room layouts		
	Check fixture layout against reflected ceiling plan		
	Check for switch locations		
	Check for circuit identifications		
	All fixture types shown on fixture schedule		
	Details (or specs) shown for each fixture type on schedule		
	i Power Circuits		
	Check Symbol List against room layout for special outlet types		
	Check for circuit identifications		
	Check for FACP circuit requirement, if required is it shown		
	Check for EWH circuit requirements, if required, are they shown		
	Check for receptacles located at EWC's		
	(3) Fire Alarm Control Panel		
	Shown on plan drawing		
	Source of power indicated		
	Listed on panel schedule		
	One line diagram		
	o Hazardous Locations		
	Project includes hazardous locations		
	Locations defined clearly		
	Locations coordinated with architectural drawings		
	Economics of equipment locations considered		
	p Grounding		
	Service entrance grounding shown		
	Separate derived system grounds shown		
	Notes for dedicated grounds (if required)		
В	DESIGN ANALYSIS		
D	a Catalog cuts provided for major equipment items.		
	b Calculations for:		
	Feeders		
	Transformers		
	Generators		
	Distribution Panels		
	Lighting Levels		

	DESIGN CHECKLIST	Verified-X Not Applicable-NA	Comment
С	SPECIFICATIONS		
	 a Check reference documents for current edition. b Check guide specs and drawings to make sure any items shown on the drawings, but not included in the guide specs have been added to the project specification. 		
	 c Check specification for voltages. Make sure all voltage references correspond to the local country standard. d Check specifications for definition of electrical outlets to assure 		
	descriptions are correct for host country standards (i.e. DIN, BS, French Normale, NEMA, etc.).		
	 e Check specifications to assure major pieces of equipment are specified. g Submittal register prepared with references to specifications 		
	paragraphs.		
D	PROPRIETARY MATERIALS AND EQUIPMENT INITIAL-Only Design Bid Build (DBB)		
	To the best of my knowledge, the specifications and drawings do not include any proprietary or sole source materials or equipment except for the following approved items:		
	EVERY ITEM WILL BE REVIEWED AND NOTED FOR COMPLIANCE (C), OR NON-APPLICABILITY (NA).		
	a GENERAL Charle Dronger Form		
	a GENERAL - Check Proposal Form 1 that Price Schedule listing all appropriate bid items and quantities is		
	2 Special Contract Clauses.		
	Verify that Clause 1.18 entitled: IDENTIFICATION OF GOVERNMENT-		
	3 In Unit Price contracts, check to see that Measurement and Payment paragraphs in the technical provisions are compatible with the unit		
	4 Payment Paragraphs:		
	(when applicable) Payment paragraphs in the technical provisions shall be used only to identify the method of unit payment. Payment paragraphs shall be omitted from the technical provisions when the entire work is to be a lump sum contract. Check all payment paragraphs in the specifications for coordination with the items listed in the proposal schedule. Whenever pay items are noted in payment paragraphs of the technical provisions they must agree word for word		
	5 Additive and Optional Items:		
	(when applicable) All additive/optional items must be fully described. Drawings must show limits of construction for each additive/optional item. The item must be clearly defined to assure competitive bidding, with no doubt as to what is included in the additive or optional item. The pay item for additive/optional items must be properly set up in the		
	6 Trade Names: Trade names shall not be used except in unusual instances, and then		
	only as a last resort, with approval of MED. When used, trade names shall be followed by "or approved equal", and a generic description listing the salient features of the item or equipment be included in the		
	Where the specification references details on the drawings "Where		
	 8 Only guide specifications Unified Facilities Guide Specifications (UFGS), obtained from the WBDG website here, http://www.wbdg.org/ccb/browse_cat.php?c=3, shall be used to prepare contract specifications. 		
	 9 That specifications for equipment includes quantities, and if there is Government Furnished Property (GFP) or equipment, it is properly specified giving features such as size, weight, etc. in the GFP listing, and shown on the drawings. 10 Verify that numbering of specifications sections is in accordance with 		
	CSI format in accordance with the MED Design Instructions Manual.		

	DESIGN CHECKLIST	Verified-X Not Applicable-NA	Comment
	11 Verify that all referenced Appendices, Figures, Graphs etc., are included in the specifications.		
	12 The following is a list of common deficiencies noted in past submittals of preliminary and final specifications submitted by designers. The reviewer will check these items for completeness and adequacy.		
	a All blanks should be filled in and non-applicable parenthesis and sentences are removed.		
	b Sections are referenced in the text but are not listed in Table of Contents.		
	c Paragraph numbers and titles have not been coordinated with section index.		
	d Publications are referenced in paragraphs but are not in REFERENCES paragraph and publications listed in paragraph REFERENCES are not contained in section paragraphs.		
	 e Identification of any aspect of the project that must be addressed in the Special Clauses e.g. completion dates, scheduling of work' special planting schedules, manufacturer's rep's, O & M training, special safety requirements, etc. 		
	13 Submittals:		
	O&M Data, Spare Parts, Training, etc., should not be specified in the technical provisions. Detail requirements for these submittals are contained in Section 01 31 13.12 10: SPECIAL CLAUSES. Requirements for submittals in the technical provisions should be referenced to the SPECIAL CLAUSES for example: Submit O&M Data in accordance with Section 01 31 13.12 10: SPECIAL CLAUSES.		
	 Submittal procedures and detail requirements for submittal of shop Drawings are specified in Sections 01 33 00 for full design and 01 33 00.12 10 for Design Build, of the technical provisions. 		
	 Assure that specifications furnished for final review are in accordance with MED Design Instructions Manual. 		
	16 Assure that the A-E has deleted all inapplicable specification requirements from guide specifications in his final submittal.		
	17 Specifications must include requirements for all items to be included in the contract. Guide specifications are not available for some specialty items such as bakery and hospital equipment. These must be originated by Architect/Engineer (A-E) or designer in complete and adequate form. Reviewer will check for completeness and adequacy.		
	 18 Submittal Register: Assure that A-E furnish submittal register in accordance with MED Design Instructions Manual. ENG FORM 4288, is available from MED. 		
E	PROPRIETARY MATERIALS AND EQUIPMENT		
	INITIAL		
	To the best of my knowledge, the specifications and drawings do not include any proprietary or sole source materials or equipment except for the following approved items:		



8	9	10
IPMENT INSTALL	ED. SEE EQUIPMENT EL	ECTRICAL
DEVICE, THEN 1	O DEVICES. SEE SHEE	T EP500.
	E SAFETY EQUIPMENT"	
CT AND FASTEN	THE LABEL IDENTICAL 1	TO THE PANEL
	D, PROVIDE A HANDLE T	
	FINAL CONNECTION CO	
ARYING 100% AM	MPACITY OF THE CIRCU	IT BREAKER
TMENT SEPARAT	E FROM THE REMAIND	ER OF THE
	TER (DESIGNATION: '#'). E CIRCUIT EXITS THE BU	
LISTED IN NOTE,	PROVIDE CIRCUIT BRE	AKER OF SIZE
	LE OF BEING LOCKED II	N THE OPEN
OWER FOR SHUN	, THEN TO DEVICES. NT TRIP ACTUATION MA DS AT THE CONTRACTO	
Y MANUFACTURI	ER REQUIREMENTS, AN	D ADJUST OTHER
).		

11 12	13 14	GENERAL NOTES - PA	NEL SCHEDULES								.
 SEE EQUIPMENT ELECTRICAL CONNECTION EQUIPMENT BASIS OF DESIGN. COORDINA MANUFACTURER RECOMMENDATIONS. UNLESS OTHERWISE NOTED, PANELBOARE CIRCUIT BREAKERS INDICATED TO BE PRO 	E CIRCUIT BREAKER, CONDUCTORS	IENTS RELATED TO EQUIPMENT F S, AND RACEWAY SIZE WITH MAN TIES SHALL BE THERMAL MAGNE	FURNISHED IN THIS PROJI UFACTURER RECOMMEN TIC TECHNOLOGY AND S	IDATION FOR FINAL	EQUIPMENT IN				US	Army C	J Corps
4 CIRCUIT BREAKERS INDICATED TO BE PRO											
										I NO.: 43 0.:	
EDULE KEY										SRA(
Volts: < System Voltage >	Mains	s Type: < Circuit Breaker (MCB) or Luc	1 (MLO) >	MCB Service R	atina: < 100% o	r Standard (Std) Ra	ted (MCB Panels Only)	>	UE DATE 01/2025	LICITA 128F25 NTRAC	
	Minimum Frame ors (excluding Ground) > MCB Ampacity	s Type: < Circuit Breaker (MCB) or Lug Rating: < Minimum Equipment Size Ra Rating: < Main Circuit Breaker Rating i	ating in Amperes >	MCB Solid	State: < Same a sures: < Special	s SSCB below (MC Features such as 0	• •	d-Fault Protection	ISSUE DATE 05/01/2025	SOLICITATION NC W9128F25RA043 CONTRACT NO.:	
Phases: < No. of Phases> ad Space Config. > Wires: < No. of System Conduct	Minimum Frame ors (excluding Ground) > MCB Ampacity	Rating: Minimum Equipment Size Ra Rating: Main Circuit Breaker Rating i ECTORY > 2	ating in Amperes >	MCB Solid \$)> MCB Other Feat	State: < Same a sures: < Special	IS SSCB below (MC Features such as (ervice Entrance (SE	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Par CIRCUIT 1-#,#G,	d-Fault Protection tels Only) >			AME:
Phases: < No. of Phases> and Space Config. > Wires: < No. of System Conducta	Minimum Frame I ors (excluding Ground) > MCB Ampacity I ative to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE	Rating: Minimum Equipment Size Ra Rating: Main Circuit Breaker Rating i ECTORY > 2	ating in Amperes > in Amperes (MCB Panels Only) NOTES METER CB SV	MCB Solid S MCB Other Feat C SSCB ATZ 	State: < Same a sures: < Special (GFP), Se NLL CCC 	AS SSCB below (MC Features such as C ervice Entrance (SE MCIT 	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Par CIRCUIT 1-#,#G, 2-#,#G, c/Solid State) or No (d-Fault Protection hels Only) > 			
Phases: < No. of Phases> and Space Config. > Wires: < No. of System Conduct	Minimum Frame I ors (excluding Ground) > MCB Ampacity I ative to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE	Rating: Minimum Equipment Size Ra Rating: Main Circuit Breaker Rating i NO. ECTORY > ECTORY > 2 ECTORY > 4	notes Meter CB SV	MCB Solid S MCB Other Feat	State: < Same a cures: < Special (GFP), Se NLL CCC 	AS SSCB below (MC) Features such as C ervice Entrance (SE MCIT 	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Par CIRCUIT 1-#,#G, 2-#,#G, c/Solid State) or No (andard (Std) Rated. e panel. (Designation	d-Fault Protection hels Only) > 	DESIGNED BY: E.MCNAMARA	DRAWN BY: E.MCNAMARA CHECKED BY: R ADKINS	AME:
Phases: < No. of Phases> ad Space Config. > Wires: < No. of System Conduct	Minimum Frame I ors (excluding Ground) > MCB Ampacity I ative to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE	Rating: Minimum Equipment Size Ra Rating: Main Circuit Breaker Rating i NO. ECTORY > ECTORY > 2 ECTORY > 4	notes Meter CB SV	MCB Solid S MCB Other Feat	State: < Same a sures: < Special (GFP), Se NLL CCC 	AS SSCB below (MC) Features such as C ervice Entrance (SE MCIT 	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Par CIRCUIT 1-#,#G, 2-#,#G, c/Solid State) or No (andard (Std) Rated. e panel. (Designation	d-Fault Protection hels Only) > "C "C "C "C Thermal Magnetic).	ENGINEERS E.MCNAMARA	AVE. DRAWN BY: AVE. E.MCNAMARA B102 CHECKED BY: B ADKINS	AME:
Phases: < No. of Phases> ad Space Config. > Wires: < No. of System Conducts	Minimum Frame I ors (excluding Ground) > MCB Ampacity I ative to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE	Rating: Minimum Equipment Size Ra Rating: Main Circuit Breaker Rating i NO. ECTORY > ECTORY > 2 ECTORY > 4	notes Meter CB SV	MCB Solid S MCB Other Feat	State: < Same a	MCIT MCIT MCIT Gy: Yes (Electronic ating: 100% or St it is metered at th d classification; so signations.) MCIT	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Par CIRCUIT 1-#,#G, 2-#,#G, c/Solid State) or No (andard (Std) Rated. e panel. (Designation ee ELECTRICAL ME	d-Fault Protection hels Only) > "C "C "C "C "C "C "C "C "C "C "C "C "C	CORPS OF ENGINEERS E.MCNAMARA	AVE. DRAWN BY: AVE. E.MCNAMARA B102 CHECKED BY: B ADKINS	AME:
Phases: < No. of Phases> and Space Config. > Wires: < No. of System Conduct	Minimum Frame I ors (excluding Ground) > MCB Ampacity I ative to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE	Rating: Minimum Equipment Size Ra Rating: Main Circuit Breaker Rating i NO. ECTORY > ECTORY > 2 ECTORY > 4	notes Meter CB SV	MCB Solid S MCB Other Feat	State: < Same a	MCIT MCIT gy: Yes (Electronic ating: 100% or St it is metered at th d classification; so signations.) MCIT gy: Yes (Electronic ating: 100% or St it is metered at th d classification; so signations.) MCIT panel directory. " onding to "Load Cl ation. "" indicate mperes. "" indicate mperes. "" indicate	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Par CIRCUIT 1-#,#G, 2-#,#G, c/Solid State) or No (andard (Std) Rated. e panel. (Designation e ELECTRICAL ME PANEL/SWITCHBO/ " indicates multi-pol assification" summar	d-Fault Protection hels Only) > "C "C "C "C "C "C "C "C "C "C "C "C "C	ENGINEERS E.MCNAMARA	DRAWN BY: E.MCNAMARA CHECKED BY: R ADKINS	AME:
Phases: < No. of Phases> ad Space Config. > Wires: < No. of System Conducta icates the Neutral Bus: < Size of Neutral Bus Relations B PHASE C P CB LT L A	Minimum Frame I prs (excluding Ground) > MCB Ampacity I tive to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE COMMENTED IN THE INFORMATION INFO	Rating: Minimum Equipment Size Ra Rating: Main Circuit Breaker Rating i NO. ECTORY > ECTORY > 2 ECTORY > 4	notes Meter CB SV	MCB Solid S MCB Other Feat	State: < Same a	MCIT MCIT gy: Yes (Electronic ating: 100% or St it is metered at th d classification; so signations.) MCIT gy: Yes (Electronic ating: 100% or St it is metered at th d classification; so signations.) MCIT panel directory. " onding to "Load Cl ation. "" indicate mperes. "" indicate mperes. "" indicate	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Parel CIRCUIT 1-#,#G, 2-#,#G, c/Solid State) or No (andard (Std) Rated. e panel. (Designation e ELECTRICAL ME PANEL/SWITCHBO/ " indicates multi-pol assification" summares s multi-pole circuit, s ates multi-pole circui le circuit or space.	d-Fault Protection hels Only) > "C "C "C "C "C "C "C "C "C "C "C "C "C	ARMY CORPS OF ENGINEERS E.MCNAMARA	AVE. DRAWN BY: AVE. E.MCNAMARA B102 CHECKED BY: B ADKINS	AME:
Phases: < No. of Phases> ad Space Config. > Wires: < No. of System Conduct icates the Neutral Bus: < Size of Neutral Bus Relation $\frac{A}{A} = \frac{A}{A} = A$	Minimum Frame I prs (excluding Ground) > MCB Ampacity I tive to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE COMMENTED IN THE INFORMATION INFO	Rating: < Minimum Equipment Size Ra Rating: < Main Circuit Breaker Rating i	notes Meter CB SV	MCB Solid S MCB Other Feat C SSCB ATZ Circuit Bre Circuit Bre	State: < Same a	As SSCB below (MC) Features such as C ervice Entrance (SE MCIT 	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Parel CIRCUIT 1-#,#G, 2-#,#G, c/Solid State) or No (andard (Std) Rated. e panel. (Designation e ELECTRICAL ME PANEL/SWITCHBO/ " indicates multi-pol assification" summares s multi-pole circuit, s ates multi-pole circui le circuit or space.	d-Fault Protection hels Only) > "C "C "C "C "C "C "C "C "C "C "C "C "C	US ARMY CORPS OF ENGINEERS DESIGNED BY:	OMAHA DISTRICT DRAWN BY: 1616 CAPITOL AVE. E.MCNAMARA OMAHA, NE 68102 CHECKED BY: R ADKINS	B.ADMING SUBMITTED BY: S.LINDGREN SIZE: FILE NAME:
Phases: < No. of Phases> ad Space Config. > Wires: < No. of System Conductation icates the Neutral Bus: < Size of Neutral Bus Relation B PHASE C P CB LT I VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA <t< td=""><td>Minimum Frame I pres (excluding Ground) > MCB Ampacity I titive to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE A state of the set of</td><td>Rating: Minimum Equipment Size Rating i Rating: Main Circuit Breaker Rating i ECTORY > 2 ECTORY > 4 6 6</td><td>NOTES METER CB SV</td><td>MCB Solid S MCB Other Feat C SSCB ATZ C SSCB ATZ Circuit Bre Circuit Bre Circ</td><td>State: < Same a</td> cures: < Special (GFP), Se NLL CCC </t<>	Minimum Frame I pres (excluding Ground) > MCB Ampacity I titive to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE A state of the set of	Rating: Minimum Equipment Size Rating i Rating: Main Circuit Breaker Rating i ECTORY > 2 ECTORY > 4 6 6	NOTES METER CB SV	MCB Solid S MCB Other Feat C SSCB ATZ C SSCB ATZ Circuit Bre Circuit Bre Circ	State: < Same a	As SSCB below (MC) Features such as C ervice Entrance (SE MCIT 	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Par 	d-Fault Protection hels Only) > "C "C "C "C "C "C "C "C "C "C "C "C "C	US ARMY CORPS OF ENGINEERS DESIGNED BY:	OMAHA DISTRICT DRAWN BY: 1616 CAPITOL AVE. E.MCNAMARA OMAHA, NE 68102 CHECKED BY: B ADKINS	AND KEY SUBMITTED BY: S.LINDGREN SIZE: FILE NAME:
Phases: < No. of Phases> ad Space Config. > Wires: < No. of System Conductor icates the Neutral Bus: < Size of Neutral Bus Relation Bar PHASE C P CB LT I Image: Size of Neutral Bus Relation Image: Size of Neutral Bus Relation Image: Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: < Size of Neutral Bus Relation Image: Neutral Bus: Neutral Bus Relation Image: Neutral Bus: Neutral Bus Relation Image: Neutrelation <th< td=""><td>Minimum Frame I pres (excluding Ground) > MCB Ampacity I titive to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE A state of the set of</td><td>Rating: Minimum Equipment Size Rating i Rating: Main Circuit Breaker Rating i ECTORY > 2 ECTORY > 4 6 6 23 25 28 28</td><td>NOTES METER CB SV</td><td>MCB Solid S MCB Other Feat C SSCB ATZ C SSCB ATZ C CIrcuit Bre Circuit Bre Ci</td><td>State: < Same a</td> cures: < Special (GFP), Se NLL CCC </th<>	Minimum Frame I pres (excluding Ground) > MCB Ampacity I titive to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE A state of the set of	Rating: Minimum Equipment Size Rating i Rating: Main Circuit Breaker Rating i ECTORY > 2 ECTORY > 4 6 6 23 25 28 28	NOTES METER CB SV	MCB Solid S MCB Other Feat C SSCB ATZ C SSCB ATZ C CIrcuit Bre Circuit Bre Ci	State: < Same a	As SSCB below (MC) Features such as C ervice Entrance (SE MCIT 	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Parel 	d-Fault Protection hels Only) > "C "C "C "C "C "C "C "C "C "C "C "C "C	US ARMY CORPS OF ENGINEERS DESIGNED BY:	OMAHA DISTRICT DRAWN BY: 1616 CAPITOL AVE. E.MCNAMARA OMAHA, NE 68102 CHECKED BY: R ADKINS	NOTES AND KEY SUBMITTED BY: S.LINDGREN SIZE: FILE NAME:
Phases: < No. of Phases> Mires: < No. of System Conducts icates the Neutral Bus: < Size of Neutral Bus Relation B PHASE C P CB LT L	Minimum Frame I ars (excluding Ground) > MCB Ampacity I tive to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE () () () () () () () () () ()	Rating: Minimum Equipment Size Rating i Rating: Main Circuit Breaker Rating i ECTORY > 2 ECTORY > 4 6 6 2 2 ECTORY > 4 6 2 2 2 3 3	NOTES METER CB SV	MCB Solid S MCB Other Feat C SSCB ATZ C SSCB ATZ C CIrcuit Bre Circuit Bre Ci	State: < Same a	As SSCB below (MC) Features such as C ervice Entrance (SE MCIT 	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Parel 	d-Fault Protection hels Only) > "C "C "C "C "C "C "C "C "C "C "C "C "C	SFB, COLORADO MISSION CONTROL STATION MISSION CONTROL STATION DESIGNED BY: E.MCNAMARA	I, MISSION CONTROL STATION OMAHA DISTRICT DRAWN BY: 1616 CAPITOL AVE. E.MCNAMARA OMAHA, NE 68102 CHECKED BY: R ADKINS	NOTES AND KEY SUBMITTED BY: S.LINDGREN SIZE: FILE NAME:
Phases: < No. of Phases> Mires: < No. of System Conducts icates the Neutral Bus: < Size of Neutral Bus Relation B PHASE C P CB LT L VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA VA	Minimum Frame I pristive to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE ENTRY T	Rating: Minimum Equipment Size Rating i Rating: Main Circuit Breaker Rating i ECTORY > 2 ECTORY > 4 6 4 6 4 7 23 23 25 28 30 30 30	NOTES METER CB SV	MCB Solid S MCB Other Feat C SSCB ATZ C SSCB ATZ C CIrcuit Bre Circuit Bre Ci	State: < Same a	As SSCB below (MC) Features such as C ervice Entrance (SE MCIT 	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Parel 	d-Fault Protection hels Only) > "C "C "C "C "C "C "C "C "C "C "C "C "C	BUCKLEY SFB, COLORADO DESIGNED BY: DESIGNED BY: E.MCNAMARA	DRAWN BY: 1616 CAPITOL AVE. E.MCNAMARA OMAHA, NE 68102 CHECKED BY: B ADKINS	L SCHEDULE NOTES AND KEY S.LINDGREN S.LINDGREN SIZE: FILE NAME:
Phases: < No. of Phases> ad Space Config. > Wires: < No. of System Conducts icates the Neutral Bus: < Size of Neutral Bus Relations B PHASE C P CB LT I	Minimum Frame I pristive to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE ENTRY T	Rating: Minimum Equipment Size Rating i Rating: Main Circuit Breaker Rating i ECTORY > 2 ECTORY > 4 6 6 2 2 ECTORY > 4 6 6 2 2 ECTORY > 4 6 6 2 2 3 3 3 3 3	NOTES METER CB SV	MCB Solid S MCB Other Feat C SSCB ATZ C SSCB ATZ C CIrcuit Bre Circuit Bre Ci	State: < Same a	As SSCB below (MC) Features such as C ervice Entrance (SE MCIT 	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Parel 	d-Fault Protection hels Only) > "C "C "C "C "C "C "C "C "C "C "C "C "C	SFB, COLORADO MISSION CONTROL STATION MISSION CONTROL STATION DESIGNED BY: E.MCNAMARA	DRAWN BY: 1616 CAPITOL AVE. E.MCNAMARA OMAHA, NE 68102 CHECKED BY: B ADKINS	CHEDULE NOTES AND KEY SUBMITTED BY: S.LINDGREN SIZE: FILE NAME:
Phases: < No. of Phases> and Space Config. > Wires: < No. of System Conducts icates the Neutral Bus: < Size of Neutral Bus Relation B PHASE C P CB LT I	Minimum Frame I pris (excluding Ground) > MCB Ampacity I titive to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE () () () () () () () () () ()	Rating: Minimum Equipment Size Rating i Rating: Main Circuit Breaker Rating i ECTORY > 2 ECTORY > 4 6 6 2 2 ECTORY > 4 6 6 2 2 ECTORY > 4 6 6 2 2 3 3 3 3 3	NOTES METER CB SV	MCB Solid S MCB Other Feat C SSCB ATZ C SSCB ATZ C CIrcuit Bre Circuit Bre Ci	State: < Same a	As SSCB below (MC) Features such as C ervice Entrance (SE MCIT 	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Parel 	d-Fault Protection hels Only) > "C "C "C "C "C "C "C "C "C "C "C "C "C	BUCKLEY SFB, COLORADO DESIGNED BY: DESIGNED BY: E.MCNAMARA	POWER INDEFENDENCE, MISSION CONTROL STATION OMAHA DISTRICT DRAWN BY: 1616 CAPITOL AVE. E.MCNAMARA OMAHA, NE 68102 CHECKED BY: R ADKINS	PANEL SCHEDULE NOTES AND KEY SUBMITTED BY: S.LINDGREN SIZE: FILE NAME:
Phases: < No. of Phases> Ind Space Config. > Wires: < No. of System Conduct licates the Neutral Bus: < Size of Neutral Bus Relation B PHASE C P CB LT I	Minimum Frame I pris (excluding Ground) > MCB Ampacity I titive to Frame Rating > OAD NAME ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE ENTRY TO APPEAR ON PANEL DIRE () () () () () () () () () ()	Rating: Minimum Equipment Size Rating i Rating: Main Circuit Breaker Rating i ECTORY > 2 ECTORY > 4 6 6 2 2 ECTORY > 4 6 6 2 2 ECTORY > 4 6 6 2 2 3 3 3 3 3	NOTES METER CB SV	MCB Solid S MCB Other Feat C SSCB ATZ C SSCB ATZ C CIrcuit Bre Circuit Bre Ci	State: < Same a	As SSCB below (MC) Features such as C ervice Entrance (SE MCIT 	B Panels Only) > Current-Limiting, Ground) Rated, etc. (MCB Parel 	d-Fault Protection hels Only) > "C "C "C "C "C "C "C "C "C "C "C "C "C	BUCKLEY SFB, COLORADO DESIGNED BY: DESIGNED BY: E.MCNAMARA	DRAWN BY: 1616 CAPITOL AVE. E.MCNAMARA OMAHA, NE 68102 CHECKED BY: B ADKINS	PANEL SCHEDULE NOTES AND KEY SUBMITTED BY: S.LINDGREN SIZE: FILE NAME:

PANEL SC

er the supply feed	ort Cii criteria ers a	a) Clea	rance	based on D	esign Voltage		-	Ph ce Config. > V		o. of F o. of S	Phases> System (Condu	Mains Type: < Circuit Bre Minimum Frame Rating: < Minimum B ctors (excluding Ground) > MCB Ampacity Rating: < Main Circu relative to Frame Rating >	Equipment Size F	Rating in Ar	nperes >
load classification	,	СВ	Р	рца	SE A	PHAS		DUAG		П	СВ	LT		NO.	NOTES	METER
			P 3	VA		FRA		PHAS		P	A		<pre>< ENTRY TO APPEAR ON PANEL DIRECTORY ></pre>	2	NUTES	
		A	3	VA	VA	VA	VA			2	A		<pre>< ENTRY TO APPEAR ON PANEL DIRECTORY ></pre>	4		<u> </u>
						VA	VA	VA	VA	×	-					
the circuit defin- ircuit is expecte gher zone for a l e DOR (and sha circuit routes pre ction C-6 purpos eam distribution	d to lengt all ac edom es w	pass th h grea count f inantly hen a	nroug ter th for A outs neuti	ih a higher ian that defi SHRAE 90. side the buil ral conducto	ambient tem ined by the a 1 voltage dr lding and und or is present	perature zo aforemention op where ap derground. Used in es	ne than th ned excep oplicable). stimation c	e zone listed, tion, the cont Building-mo of the amount	, but less ractor is unted t of non-line	ear		*		~ .		
raceway (per se and Section 310. rying conductors n value to accou nly the conducto unt toward the cu after the splice a	15(E for f unt fo ors in urren	b)(3) as the ide or this f dicate t-carry	s app ntifie actor d in a ing c	licable. Sh d ampacity r. Where m a given entr conductor q	ould the circ correction v nultiple neutr y. For contr uantity (for e	uit share a r alue for an a al conducto olled/uncont	aceway fo aggregate rs are sho trolled rece	or a length gro d length over wn in a racev eptacle circui	eater than t all portions vay/set, all ts which ar	the s of a neut e	a ral					
or 90). If circuit ating, the higher ⁄or the conducto	ratir	ig shal	lbeı	used. Likev	vise, should	multiple circ	uits be ro	uted in the sa	ame racewa	ay re	sulting		t			
d apply to all por there the ATZ er see Section 26 2 his key, the cont ceway to meet N % of the phase	ntry i 0 00 tracto IFPA	ndicate Subpa or shal 70 fill	es the art "Ir I adju ratio	e circuit rou nsulation" fo ust the size requireme	tes predomin or additional of the racew nts for the ap	nantly outsic requirement /ay to meet oplication. \	de and und s. Where NFPA 70 f Vhere the	derground. S multiple circl fill ratio requin neutral cond	hould one uits share a rements. F uctor is larg	of the a race or ci ger th	e aforei eway a rcuits v nan the	menti t the o vhich phas	oned types be contractor's are e conductor(s) or			
tronics, spaces,	and	spares	S.													
	Ĩ	200 4	~ ·	r	T 1	·		τ γγη τ		Ĩ.	ĩ	ĩ		<u></u>	T	ĩ –
		300 A	3	VA	0 VA			VA	0 VA				"STRAP KIT SIZE MISMATCH SPACE"	23		
				VA	UVA	VA	0 VA							23		
							0 1 1	0 VA	0 VA					30		
		otal Lo			VA		VA	0 1/1	VA-					00		
		tal An			Δ		_ <u>, , , , , , , , , , , , , , , , , , ,</u>		A	_						
Pha		nbalar	-		%		%		%-	_						
110	50 11	insului	100.		_ 70		, ,0									
ected Load		De	man	d Factor	Fe	timated De	mand				Pai	nel To	ntals			
ad for Specific Type >	> < [for Specific Ty		Demand for Spe					1 41					
	-	- smalld							Total Cor	nect	ted I or	ad: <	Load Connected to Panel in Volt-Amperes >			
								T					Estimated Maximum Demand on Panel in Volt-Amperes >			
													Current Connected to Panel in Amperes >			
	-												Estimated Maximum Demand on Panel in Amperes >			
	_															