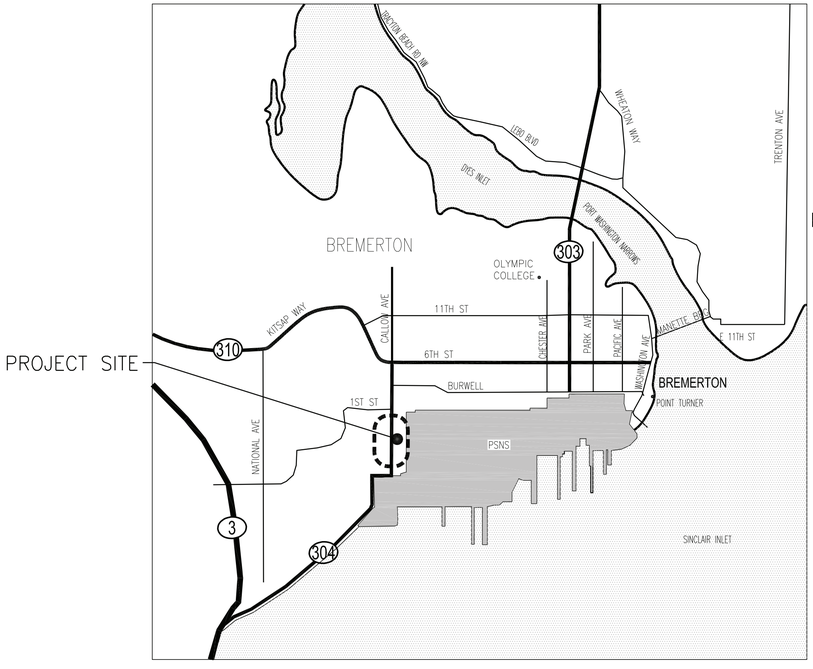
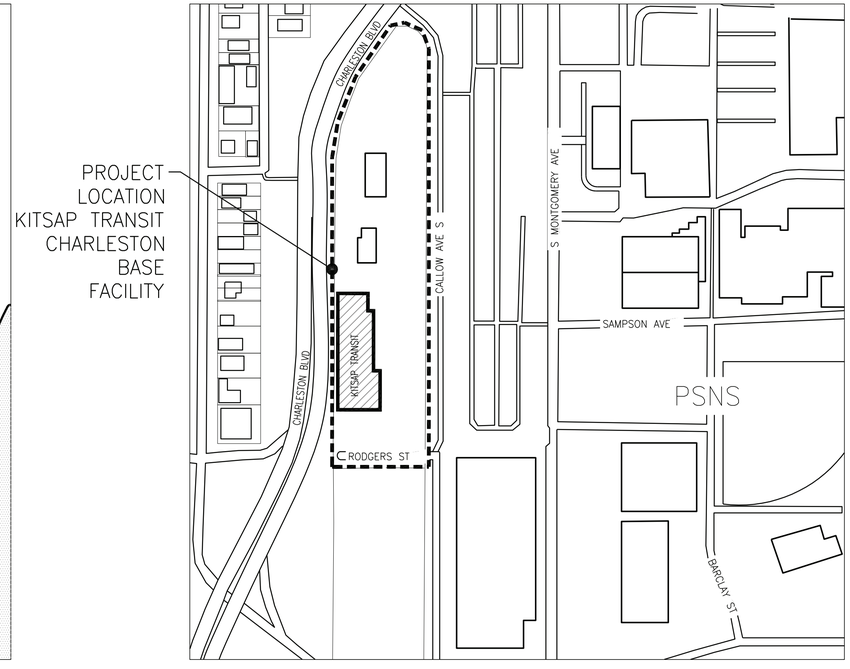
Kitsap Transit
Connecting Communities

CHARLESTON BASE
CHARGING STATION FOUNDATIONS

200 CHARLESTON BLVD
BREMERTON, WASHINGTON 98312



VICINITY MAP
NTS



PROJECT LOCATION MAP
NTS

DRAWING INDEX

1.	G001	TITLE SHEET, LOCATION MAPS, & DRAWING INDEX
2.	G002	GENERAL NOTES, ABBREVIATIONS, AND SYMBOL LEGENDS
3.	S101	CHARGING STATION FOUNDATION PLAN, SECTION, AND DETAILS
4.	E101	ELECTRICAL SITE PLAN
5.	E501	ELECTRICAL ONE-LINE DIAGRAM

FINAL SUBMITTAL
2022-JUN-27

SHEET IS 22x34 ANSI D
IF PRINTING 11x17 USE
50% SCALE FACTOR

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39854
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Robert B Ginn

KITSAP TRANSIT
CHARLESTON BASE CHARGING STATION FOUNDATIONS
200 CHARLESTON BLVD
BREMERTON, WA 98312

DRAWN:	MWM
DESIGNED:	RAF
CHECKED:	DPK
ISSUE DATE	27 JUN 2022
REVISIONS	
JOB NO	FAKIT083.001
SHT TITLE	TITLE SHEET. LOCATION MAPS, & DRAWING INDEX
SHT NO	1 OF 5

G001

PANEL NAME: MSG | **L-L VOLTAGE:** 480 V | **BUS RATING:** 2000 AMPS
PANEL LOCATION: BUS CHARGING LOT | **L-N VOLTAGE:** 277 V | **MAIN RATING** 20000 AMPS
FED FROM: XFMR VIA 2000A ATS | **PHASES:** 3 Φ | **FAULT RATING** 65 kAIC
FEEDER CIRCUIT: - | **WIRES:** 4
FEEDER CABLE: (4) RUNS OF #600 KCMIL | **SPACES:**

CKT	NOTE	CIRCUIT DIRECTORY	A⊕	B⊕	C⊕	LOAD CODE	BKR RTG	POLE #	Phase A	Phase B	Phase C	POLE #	BKR RTG	LOAD CODE	A⊕	B⊕	C⊕	CIRCUIT DIRECTORY	NOTE	CKT
1		**PDP #1**	**104835**			Z	600	3	X			3	400	Z	83868			**PDP #2**		2
3		---		**104835**		Z		/		X		/		Z		83868		---		4
5		---			**104835**	Z		/			X	/		Z			83868	---		6
7		PDP #3	83332			Z	400	3	X			3	600	Z	104165			PDP # 4		8
9		---		83332		Z		/		X		/		Z		104165		---		10
11		---			83332	Z		/			X	/		Z			104165	---		12
13									X											14
15										X										16
17											X									18
19									X											20
21										X										22
23											X									24
25									X											26

	A⊕	B⊕	C⊕
TOTAL CONNECT LOAD (VA):	376200	376200	376200

NOTES:

CODE	DESCRIPTION	CONNECTED LOAD	x	DEMAND FACTOR	=	CALCULATED DEMAND LOAD
R	GENERAL-USE RECEPTACLES (FIRST 10KVA)	0	x	1,00	=	0
R	GENERAL-USE RECEPTACLES (OVER 10KVA)	0	x	0,50	=	0
L	LIGHTING	0	x	1,25	=	0
M	MOTORS & COMPRESSORS	0	x	1,00	=	0
LM	LARGEST MOTOR LOAD	0	x	1,25	=	0
S	DEDICATED RECEPTACLES	0	x	1,00	=	0
H	HVAC & MECHANICAL EQUIPMENT	0	x	1,00	=	0
K	KITCHEN EQUIPMENT	0	x	1,00	=	0
Z	MISC. LOADS	1128600	x	1,00	=	1128600

TOTAL CONNECTED LOAD (KVA):	1,128.6	CALCULATED LOAD (KVA):	1,128.6	TOTAL CALCULATED AMPS (RMS):	1,357.49

NOTES:

1. **BREAKERS GREATER THAN 1000A TO INCLUDE LONG-TIME, SHORT-TIME, GROUND FAULT, AND INSTANTANEOUS TRIPPING**
2. **BREAKERS GREATER THAN 400A TO INCLUDE LONG-TIME, SHORT-TIME, AND INSTANTANEOUS TRIPPING. CIRCUIT BREAKER TRIP SETTINGS TO BE APPROVED BY ENGINEER.**

PANEL NAME: PDP #1 | **L-L VOLTAGE:** 480 V | **BUS RATING:** 600 AMPS
PANEL LOCATION: BUS CHARGING LOT | **L-N VOLTAGE:** | **MAIN RATING** MLO
FED FROM: MAIN SWBD (MSG) | **PHASES:** 3 Φ | **FAULT RATING** 42 kAIC
FEEDER CIRCUIT: | **WIRES:** 3
FEEDER CABLE: PARALLEL #350 | **SPACES:** 26

CKT	NOTE	CIRCUIT DIRECTORY	A⊕	B⊕	C⊕	LOAD CODE	BKR RTG	POLE #	Phase A	Phase B	Phase C	POLE #	BKR RTG	LOAD CODE	A⊕	B⊕	C⊕	CIRCUIT DIRECTORY	NOTE	CKT
1		CS13	20967			Z	100	3	X			3	100	Z	20967			CS14		2
3		---		20967		Z		/		X		/		Z		20967		---		4
5		---			20967	Z		/			X	/		Z			20967	---		6
7		CS15	20967			Z	100	3	X			3	100	Z	20967			CS16		8
9		---		20967		Z		/		X		/		Z		20967		---		10
11		---			20967	Z		/			X	/		Z			20967	---		12
13		CS17	20967			Z	100	3	X											14
15		---		20967		Z		/		X										16
17		---			20967	Z		/			X									18
19									X											20
21										X										22
23											X									24
25									X											26

	A⊕	B⊕	C⊕
TOTAL CONNECT LOAD (VA):	104835	104835	104835

NOTES:

CODE	DESCRIPTION	CONNECTED LOAD	x	DEMAND FACTOR	=	CALCULATED DEMAND LOAD
R	GENERAL-USE RECEPTACLES (FIRST 10KVA)	0	x	1,00	=	0
R	GENERAL-USE RECEPTACLES (OVER 10KVA)	0	x	0,50	=	0
L	LIGHTING	0	x	1,25	=	0
M	MOTORS & COMPRESSORS	0	x	1,00	=	0
LM	LARGEST MOTOR LOAD	0	x	1,25	=	0
S	DEDICATED RECEPTACLES	0	x	1,00	=	0
H	HVAC & MECHANICAL EQUIPMENT	0	x	1,00	=	0
K	KITCHEN EQUIPMENT	0	x	1,00	=	0
Z	MISC. LOADS	314505	x	1,00	=	314505

TOTAL CONNECTED LOAD (KVA):	314,5	TOTAL CALC. LOAD (KVA):	314,5	TOTAL CALC. AMPS (RMS):	378,29

NOTES:

1. **BREAKERS GREATER THAN 400A TO INCLUDE LONG-TIME, SHORT-TIME, AND INSTANTANEOUS TRIPPING. CIRCUIT BREAKER TRIP SETTINGS TO BE APPROVED BY ENGINEER.**

PANEL NAME: PDP #2 | **L-L VOLTAGE:** 480 V | **BUS RATING:** 400 AMPS
PANEL LOCATION: BUS CHARGING LOT | **L-N VOLTAGE:** | **MAIN RATING** MLO
FED FROM: MAIN SWBD (MSG) | **PHASES:** 3 Φ | **FAULT RATING** 42 kAIC
FEEDER CIRCUIT: | **WIRES:** 3
FEEDER CABLE: PARALLEL 3/0 & #2 GRND | **SPACES:** 26

CKT	NOTE	CIRCUIT DIRECTORY	A⊕	B⊕	C⊕	LOAD CODE	BKR RTG	POLE #	Phase A	Phase B	Phase C	POLE #	BKR RTG	LOAD CODE	A⊕	B⊕	C⊕	CIRCUIT DIRECTORY	NOTE	CKT
1		**CS9**	**20967**			Z	100	3	X			3	100	Z	20967			**CS11**		2
3		---		20967		Z		/		X		/		Z		20967		---		4
5		---			20967	Z		/			X	/		Z			20967	---		6
7		**CS11**	20967			Z	100	3	X			3	100	Z	20967			**CS12**		8
9		---		20967		Z		/		X		/		Z		20967		---		10
11		---			20967	Z		/			X	/		Z			20967	---		12
13									X											14
15										X										16
17											X									18
19									X											20
21										X										22
23											X									24
25									X											26

	A⊕	B⊕	C⊕
TOTAL CONNECT LOAD (VA):	83868	83868	83868

NOTES:

CODE	DESCRIPTION	CONNECTED LOAD	x	DEMAND FACTOR	=	CALCULATED DEMAND LOAD
R	GENERAL-USE RECEPTACLES (FIRST 10KVA)	0	x	1,00	=	0
R	GENERAL-USE RECEPTACLES (OVER 10KVA)	0	x	0,50	=	0
L	LIGHTING	0	x	1,25	=	0
M	MOTORS & COMPRESSORS	0	x	1,00	=	0
LM	LARGEST MOTOR LOAD	0	x	1,25	=	0
S	DEDICATED RECEPTACLES	0	x	1,00	=	0
H	HVAC & MECHANICAL EQUIPMENT	0	x	1,00	=	0
K	KITCHEN EQUIPMENT	0	x	1,00	=	0
Z	MISC. LOADS	251604	x	1,00	=	251604

TOTAL CONNECTED LOAD (KVA):	251,6	CALCULATED LOAD (KVA):	251,6	TOTAL CALCULATED AMPS (RMS):	302,63

NOTES:

1. **BREAKERS GREATER THAN 400A TO INCLUDE LONG-TIME, SHORT-TIME, AND INSTANTANEOUS TRIPPING. CIRCUIT BREAKER TRIP SETTINGS TO BE APPROVED BY ENGINEER.**

FINAL SUBMITTAL
2022-JUN-27

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
———	EXISTING TO REMAIN LINETYPE
———	NEW ELECTRICAL CABLING PROVIDE (2)#12 AND A #12 GROUND UNLESS OTHERWISE NOTED
XX-X	ELECTRICAL PANEL "XXX-X" REPRESENTS THE PANEL NAME. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION
	CHARGING STATION OWNER-PROVIDED CHARGE POINT CPE 250.

GENERAL ELECTRICAL NOTES

1. EXCEPT IN DEMOLITION PLANS, AND WHERE OTHERWISE NOTED, ALL NEW CONSTRUCTION IS SHOWN WITH SOLID DARK LINES, AND EXISTING CONSTRUCTION TO REMAIN IS SHOWN WITH "SCREENED" LINES.
2. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHOWN RELATING TO EXISTING CONSTRUCTION ARE APPROXIMATE (EXISTING WALLS MAY NOT BE PLUMB AND WALLS MAY NOT BE EXACTLY PARALLEL). THE CONTRACTOR SHALL FIELD VERIFY ALL ACTUAL DIMENSIONS AND CONTACT ENGINEER TO ADDRESS ANY DISCREPANCIES. EXACT LOCATIONS, DISTANCES, ELEVATIONS AND SIMILAR DATA SHALL BE GOVERNED BY ACTUAL FIELD CONDITIONS AND BY THE ENGINEER'S INSTRUCTIONS.
3. IN THE EVENT OF CONFLICT BETWEEN INFORMATION SHOWN ON DRAWINGS AND INFORMATION SHOWN ON THE SPECIFICATIONS, THE MORE STRINGENT SHALL TAKE PRECEDENCE. IF ERRORS IN A DRAWING OR SPECIFICATION OR A VARIATION BETWEEN DIMENSIONS ON DRAWINGS AND MEASUREMENTS AT THE SITE EXIST, THE CONTRACTOR SHALL REQUEST CLARIFICATION PRIOR TO COMMENCEMENT OF WORK. ANY WORK PERFORMED PRIOR TO CLARIFICATION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. ALL DIMENSIONS ARE FACE OF FINISH, FACE OF CONCRETE, TO CENTER LINES OF COLUMNS AND OTHER GRID POINTS AND TO CENTER LINES OF DOORS AND OTHER SCHEDULED OPENINGS U.O.N.
5. TYPICAL DETAILS SHALL BE INCORPORATED AT ALL APPROPRIATE LOCATIONS WHETHER REFERENCED OR NOT. CONTACT ENGINEER IF CLARIFICATION IS REQUIRED.
6. PATCH AND REPAIR ADJACENT AREAS OR SURFACES AFFECTED BY INSTALLATION OF NEW WORK TO MATCH EXISTING CONDITIONS OR IMPROVEMENTS AS REQUIRED.
7. ALL ELECTRICAL EQUIPMENT SHALL BE UL TESTED AND SHALL HAVE A UL LISTING LABEL.
8. ALL INSTALLED CABLE TO BE THWN RATED OR EQUIVALENT.
9. ALL CONDUIT SHALL BE SCHEDULE 40 PVC.
10. ALL CABLE TO BE VISUALLY INSPECTED PRIOR TO INSTALLATION AND INSULATION TESTED AFTER PULLING.

ELECTRICAL ABBREVIATIONS

A OR AMPS	AMPERES
AFF	ABOVE FINISHED FLOOR
AIC	AMPERE INTERRUPTING CAPACITY
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
BLDG	BUILDING
C	CONDUIT
CL	CENTERLINE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CRI	COLOR RENDERING INDEX
CT	CURRENT TRANSFORMER
DIAG	DIAGRAM
DIA	DIAMETER
DB	DISTRIBUTION BOARD
DISC	DISCONNECT
(E) OR EXST	EXISTING
ECP	ENTRY CONTROL POINT
ELEC	ELECTRICAL
EMER	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
(F)	FUTURE
FLA	FULL LOAD AMPS
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HP	HORSEPOWER
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
IEC	INTERNATIONAL ELECTRICAL CODE
JB OR JBOX	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MIL
KVA	KILOVOLT AMPERE
LC	LOAD CENTER
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MIN	MINIMUM
MTS	MANUAL TRANSFER SWITCH
(N)	NEW
NAVFAC	NAVAL FACILITIES
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NTS	NOT TO SCALE
PH OR ϕ	PHASE
PNL	PANELBOARD
PT	POTENTIAL TRANSFORMER
R	RETAIN
RCPT	RECEPTACLE
REL	RELOCATE
RGS	RIGID GALVANIZED STEEL CONDUIT
RM	ROOM
SCHD	SCHEDULE
SIM	SIMILAR
SW	SWITCH
SWBD	SWITCHBOARD
TYP	TYPICAL
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTS
VA	VOLTS AMPERE
XFMR	TRANSFORMER
W	WATT

SHORT CIRCUIT CALCULATIONS

TRANSFORMERS

FAULT LOCATION	TRANS. KVA	PRI VOLT. L-L	SEC. VOLT. L-L	XFMR %Z	SEC. FLA	XFMR. PRI. LSC	XFMR. SEC. ISC	*MOTOR CONTRIBUTION	TOTAL CONTRIBUTION ISC
UTILITY TRANSFORMER - MIN	1500	12470	480	5,30%	1804	-	57345		57345

FEEDERS

FAULT LOCATION	CKT LEN (FT)	AL CU	SIZE	NO./PH	CONDUIT MAG = 1 NON = 2	CKT VOLT. L-L	CIRCUIT "C"	BEGINNING ISC	FAULT ISC
PDP#1 (FEEDER)	240	CU	350	2	2	480	18594	20514	22420
PDP#3 (FEEDER)	180	CU	3/0	2	2	480	13923	19729	20192
PDP#2 (FEEDER)	130	CU	3/0	2	2	480	13923	22097	23022
PDP#1 (FEEDER)	80	CU	350	2	2	480	13923	26291	31583
MSG (FEEDER)	30	CU	600	4	2	480	28033	31845	44880

NOTE: VALUES ARE TO BE CONFIRMED.

SHEET IS 22x34 ANSI D
IF PRINTING 11x17 USE
50% SCALE FACTOR

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DENNIS P KLEIN — STATE OF WASHINGTON — 24078 — REGISTERED PROFESSIONAL ENGINEER
Dennis P Klein

CHARLESTON BASE BUS CHARGERS
BREMERTON, WASHINGTON

DRAWN: MWM
DESIGNED: RAF
CHECKED: DPK

ISSUE DATE: 27 JUN 2022

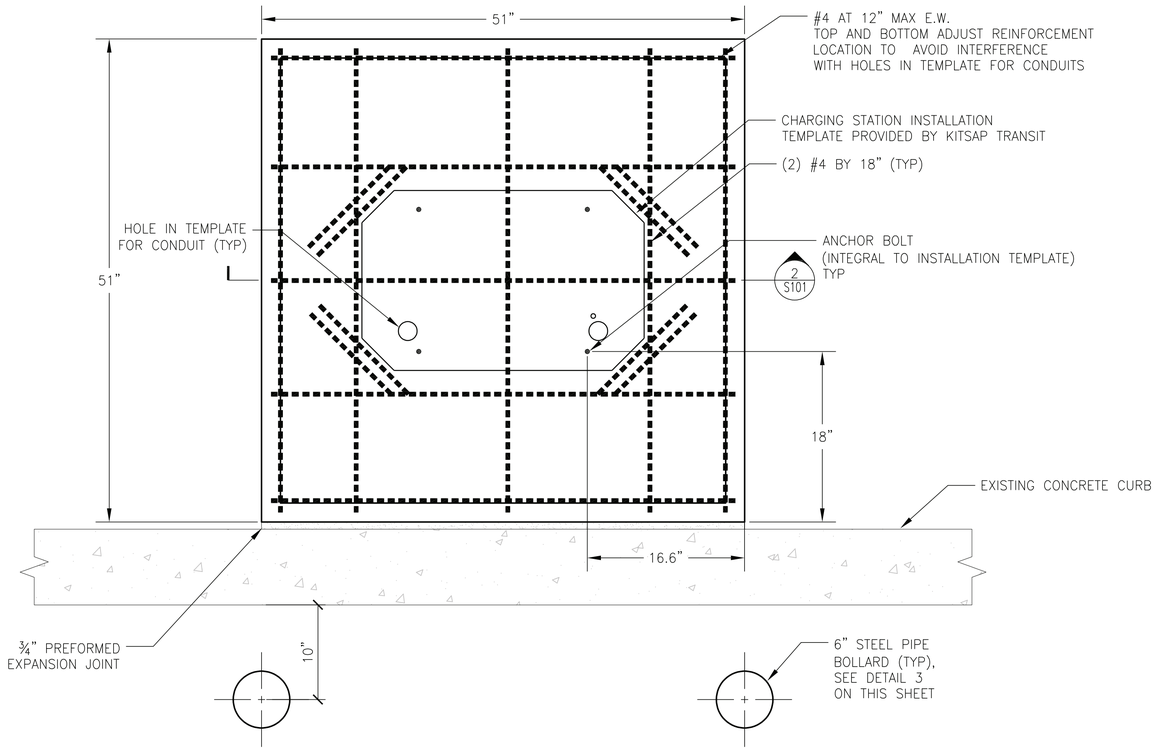
REVISIONS

JOB NO: FAKIT083.001

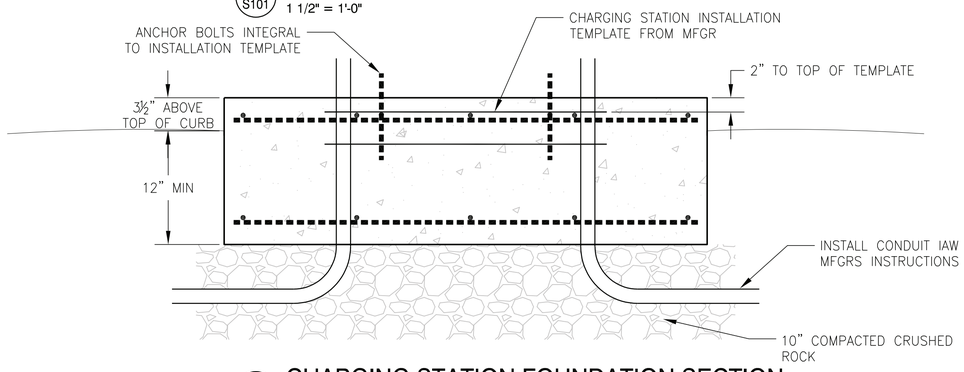
SHT TITLE: GENERAL NOTES, ABBREVIATIONS, AND SYMBOL LEGENDS

SHT NO: 2 OF 5

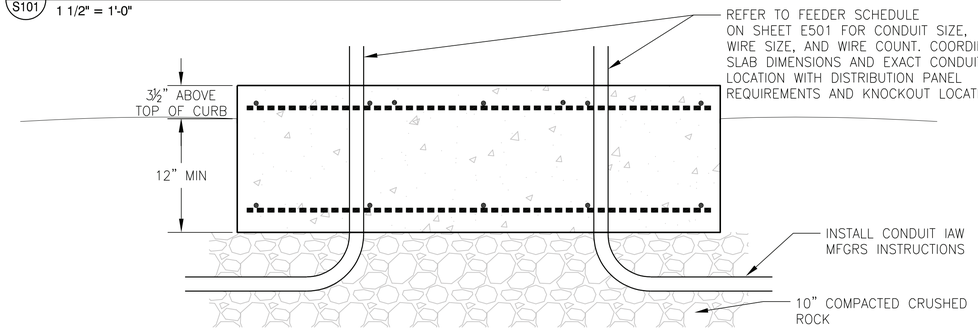
G002



1 S101 **CHARGING STATION FOUNDATION PLAN**
1 1/2" = 1'-0"



2 S101 **CHARGING STATION FOUNDATION SECTION**
1 1/2" = 1'-0"

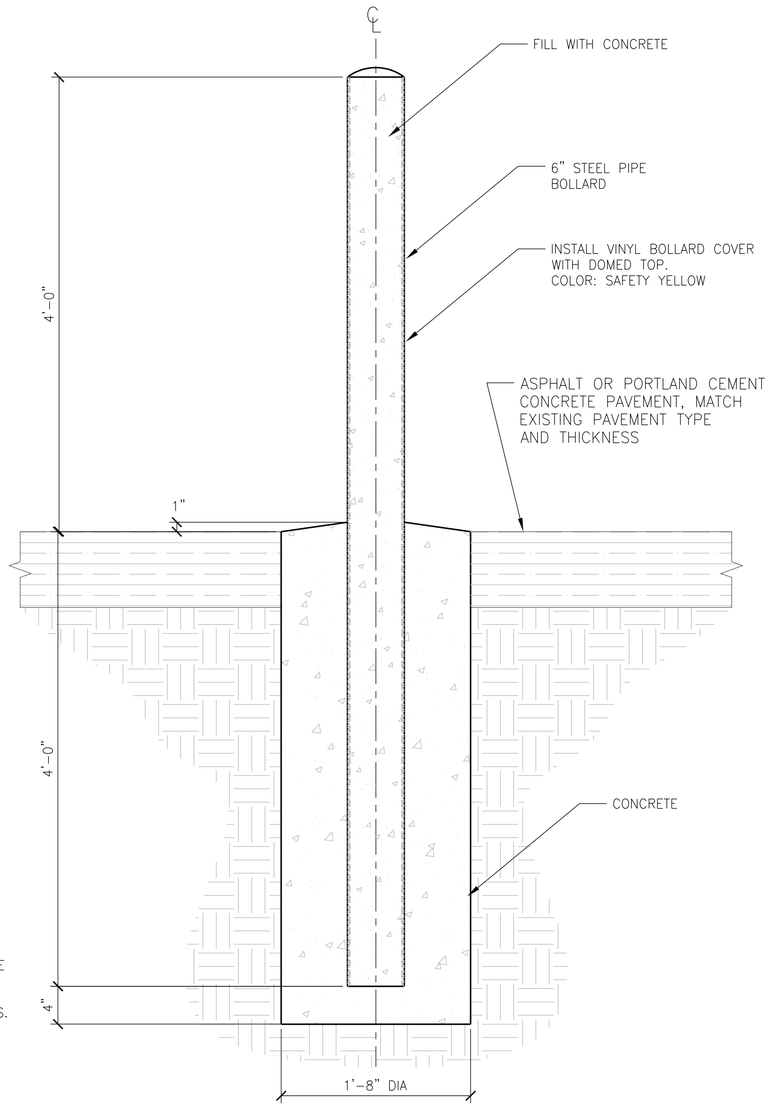


4 S101 **POWER DISTRIBUTION PANEL SLAB DETAIL**
1 1/2" = 1'-0"

SHEET NOTES

CONCRETE NOTES:
f'c = 4,500 PSI (28 DAY)
MAX W:C = 0.45
AIR CONTENT: 4.5–7.5%
MAX AGGREGATE SIZE: 1–1/2"
BROOMED FINISH

STEEL NOTE:
REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED



3 S101 **CHARGING STATION BOLLARD DETAIL**
1 1/2" = 1'-0"

FINAL SUBMITTAL
2022-JUN-27

0 2" 4" 6" 12" 2'
SCALE: 1 1/2" = 1'-0"

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DRAWN:	MWM
DESIGNED:	RBG
CHECKED:	PRV
ISSUE DATE	27 JUN 2022
REVISIONS	
JOB NO	FAKIT083.001
SHT TITLE	CHARGING STATION FOUNDATION PLAN, SECTION, AND DETAILS
SHT NO	3 OF 5

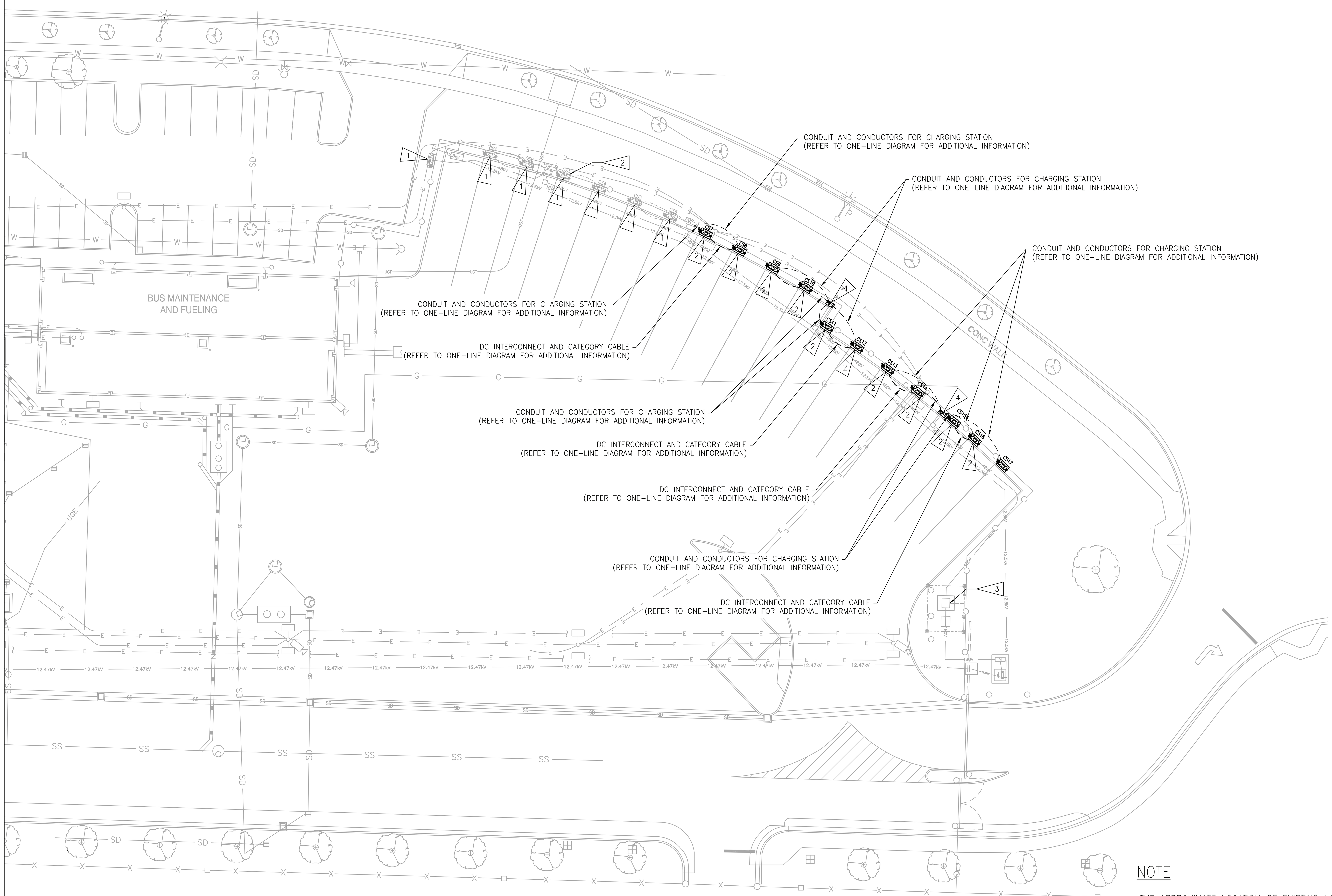
S101

GENERAL NOTES

1. CONTRACTOR TO SUPPLY ALL MATERIALS NECESSARY FOR A COMPLETE AND USEABLE SYSTEM.
2. EMPTY CONDUITS SHALL BE CAPPED AND INSTALLED WITH A PULL STRING FOR FUTURE CONDUCTORS.
3. FOR CONDUIT AND CONDUCTOR SIZING SEE ELECTRICAL ONE-LINE DIAGRAM AND FEEDER SCHEDULE.

FLAG NOTES

1. EXISTING CHARGER.
2. CHARGE POINT CPE 250 CHARGER FURNISHED BY OWNER AND CONNECTED BY ChargePoint Contractor
3. MAIN SWITCHGEAR.
4. SUB PANEL FOR BRANCH CIRCUIT BREAKERS. FEED THROUGH EXISTING CONDUIT STUB FROM HAND HOLE SHOWN ON PLANS.



NOTE

THE APPROXIMATE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REQUEST UTILITY LOCATES PER STATE LAW

CALL 48 HOURS BEFORE YOU DIG 811

FINAL SUBMITTAL
2022-JUN-27

SCALE: 1" = 20'

SHEET IS 22x34 ANSI D
IF PRINTING 11x17 USE
50% SCALE FACTOR

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CHARLESTON BASE BUS CHARGERS
BREMERTON, WASHINGTON

DRAWN:	MWM
DESIGNED:	RAF
CHECKED:	DPK
ISSUE DATE	27 JUN 2022
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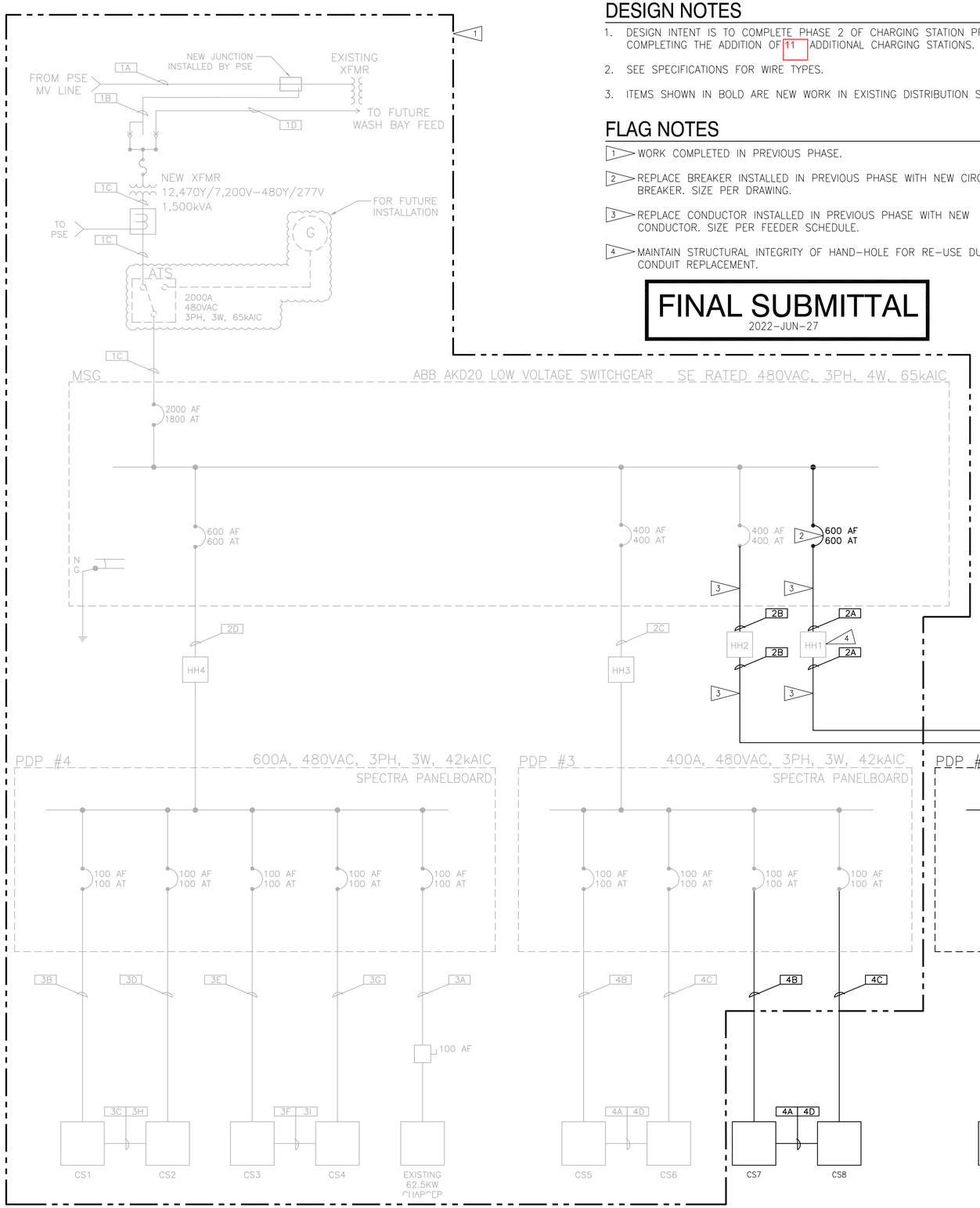
JOB NO	FAKIT083.001
SHT TITLE	ELECTRICAL SITE PLAN
SHT NO	4 OF 5



DESIGN NOTES

1. DESIGN INTENT IS TO COMPLETE PHASE 2 OF CHARGING STATION PROJECT. COMPLETING THE ADDITION OF 11 ADDITIONAL CHARGING STATIONS.
2. SEE SPECIFICATIONS FOR WIRE TYPES.
3. ITEMS SHOWN IN BOLD ARE NEW WORK IN EXISTING DISTRIBUTION SYSTEM.

FLAG NOTES

1. WORK COMPLETED IN PREVIOUS PHASE.
2. REPLACE BREAKER INSTALLED IN PREVIOUS PHASE WITH NEW CIRCUIT BREAKER. SIZE PER DRAWING.
3. REPLACE CONDUCTOR INSTALLED IN PREVIOUS PHASE WITH NEW CONDUCTOR. SIZE PER FEEDER SCHEDULE.
4. MAINTAIN STRUCTURAL INTEGRITY OF HAND-HOLE FOR RE-USE DURING CONDUIT REPLACEMENT.

FINAL SUBMITTAL
2022-JUN-27

FEEDER SCHEDULE

CONDUCTOR				
CALLOUT	QTY	SIZE	CONDUIT SIZE	DESCRIPTION
1A	--	--	--	EXISTING, SIZED BY PSE
1B	--	--	4"	CONTRACTOR TO BORE AND INSTALL POLY CONDUIT
1C	4	(4) 600Kcmil + 4/0 GND	(5) 4" WITH SPARE	SECONDARY FEEDER FROM TRANSFORMER TO SWITCHGEAR
1D	1		4"	CONTRACTOR TO INSTALL CONDUIT FOR FUTURE UTILITY FEED
2A	2	(3) 350 kcmil + 1/0 GND	REPLACE W/ 3-1/2"	PDP-1, FEEDS CS 13-16, NEW CONDUCTOR IN NEW PATHWAY
2B	2	(3) 3/0 + #2 GRND	EXST. 2-1/2"	PDP-2, FEEDS CS 9-12, NEW CONDUCTOR IN EXISTING PATHWAY
2C	2	(3) 3/0 + #2 GND	2-1/2"	PDP-3, FEEDS CS 5 AND CS 6 W/ FUTURE
2D	2	(3) 350 Kcmil + 1/0 GND	3"	PDP-4, FEEDS CS 1-4 AND EXISTING CHARGER
3A	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR EXISTING CHARGING STATION
3B	1	(3) #2 + #8 GND	2"	POWER AND GROUND FROM PDP-4 TO CS 1
3C	1	(4) 3/0	3"	DC CIRCUIT BETWEEN 1 AND 2
3D	1	(3) #2 + #8 GND	2"	POWER AND GROUND FROM PDP-4 CS 2
3E	1	(3) #2 + #8 GND	2"	POWER AND GROUND FROM PDP-4 CS 3
3F	1	(4) 3/0	3"	DC CIRCUIT BETWEEN 3 AND 4
3G	1	(3) #2 + #8 GND	2"	POWER AND GROUND FROM PDP-4 CS 4
3H	1	CAT6	3/4"	ETHERNET CONNECTION BETWEEN PAIRED CS 1 AND 2
3I	1	CAT6	3/4"	ETHERNET CONNECTION BETWEEN PAIRED CS 3 AND 4
4A	1	(4) 3/0	3"	DC CIRCUIT BETWEEN 5 AND 6
4B	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR CS 7 & 8
4C	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR CS 7 & 8
4D	1	CAT6	3/4"	ETHERNET CONNECTION BETWEEN PAIRED STATIONS 5 AND 6
5A	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR CS 9
5B	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR CS 10
5C	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR CS 11
5D	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR CS 12
5E	1	(4) 3/0	3"	DC CIRCUIT BETWEEN CS9 AND CS10
5F	1	(4) 3/0	3"	DC CIRCUIT BETWEEN CS11 AND CS12
5G	1	CAT6	3/4"	ETHERNET CONNECTION BETWEEN PAIRED STATIONS 9 AND 10
5H	1	CAT6	3/4"	ETHERNET CONNECTION BETWEEN PAIRED STATIONS 11 AND 12
6A	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR CS 13
6B	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR CS 14
6C	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR CS 15
6D	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR CS 16
6E	1	(4) 3/0	3"	DC CIRCUIT BETWEEN CS13 AND CS14
6F	1	(4) 3/0	3"	DC CIRCUIT BETWEEN CS15 AND CS16
6G	1	CAT6	3/4"	ETHERNET CONNECTION BETWEEN PAIRED STATIONS 13 AND 14
6H	1	CAT6	3/4"	ETHERNET CONNECTION BETWEEN PAIRED STATIONS 15 AND 16
6I	1	(3) #2 + #8 GND	2"	POWER AND GROUND FOR CS 17

SHEET IS 22x34 ANSI D
IF PRINTING 11x17 USE
50% SCALE FACTOR

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CHARLESTON BASE BUS CHARGERS
BREMERTON, WASHINGTON

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