

ARLINGTON FUEL MART EV CHARGING STATIONS JBW PROJECT #: 24129 ARLINGTON, WA - USA ELECTRICAL/STRUCTURAL PACKAGE

- NATIONAL CODES AND STANDARDS:**
1. NATIONAL ELECTRICAL CODE (NFPA 70)
 - ARTICLE 625 - ELECTRIC VEHICLE CHARGING SYSTEM
 - ARTICLE 706 - ENERGY STORAGE SYSTEMS
 - ARTICLE 708 - CRITICAL OPERATIONS POWER SYSTEMS
 - ARTICLE 705 - INTERCONNECTED ELECTRIC POWER PRODUCTION SOURCES
 2. NFPA STANDARDS
 - NFPA 855 - INSTALLATION OF STATIONARY ENERGY STORAGE SYSTEMS
 - NFPA 111 - STORED ELECTRICAL ENERGY EMERGENCY POWER SYSTEMS
 - NFPA 1 - FIRE CODE
 3. BUILDING CODES
 - INTERNATION BUILDING CODE (IBC)
 - INTERNATIONAL FIRE CODE (IFC)
 - INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
 4. UL STANDARDS
 - UL2202 - EV CHARGING SYSTEM EQUIPMENT
 - UL2231 - PERSONNEL PROTECTION SYSTEMS FOR EV SUPPLY CIRCUITS
 - UL9540 - ENERGY STORAGE SYSTEMS AND EQUIPMENT
 - UL9540A - THERMAL RUNAWAY FIRE PROPAGATION TESTING

- STATE CODES:**
1. WASHINGTON STATE BUILDING CODE (WAC 51-50)
 2. WASHINGTON STATE ELECTRICAL CODE (WAC 296-46B)
 3. WASHINGTON STATE ENERGY CODE (WAC 51-11C)
 4. WASHINGTON STATE FIRE CODE (WAC 51-54A)

- LOCAL CODES:**
1. ARLINGTON MUNICIPAL CODE
 - CHAPTER20.38 - AIRPORT PROTECTION
 - CHAPTER20.40 - LAND USE CLASSIFICATIONS
 - CHAPTER20.44 - DEVELOPMENT STANDARDS
 - CHAPTER20.56 - OFF-STREET PARKING
 - CHAPTER20.76 - ENVIRONMENTAL PROTECTION
 2. ARLINGTON DEVELOPMENT STANDARDS
 - TRANSPORTATION STANDARDS
 - UTILITY STANDARDS
 - STORMWATER MANAGEMENT STANDARDS

- ACCESSIBILITY REQUIREMENTS:**
1. ADA STANDARDS FOR ACCESSIBLE DESIGN
 2. WASHINGTON STATE ACCESSIBILITY STANDARDS (WAC 51-50)

- ENVIRONMENTAL:**
1. SEPA REQUIREMENTS (WAC 197-11)
 2. SNOHOMISH COUNTY CRITICAL AREAS OF REGULATIONS
 3. CITY OF ARLINGTON ENVIRONMENTAL STANDARDS

- UTILITY REQUIREMENTS:**
- 1.SNOHOMISH COUNTY PUD STANDARDS



PROPOSED DEVELOPMENT: A1 GAS - LEVEL 3 CHARGING STATION
FILE NO.: PLN1277
SECTION, TOWNSHIP, RANGE: NW1/4 OF THE SW1/4 OF SECTION 08, TOWNSHIP 31 NORTH, RANGE 05 EAST WILLIAMETTE PRINCIPAL MERIDIAN, WASHINGTON

ZONING CLASSIFICATION: "HC" HIGHWAY COMMERCIAL
AIRPORT PROTECTION DISTRICT SUBDISTRICT: ARLINGTON MUNICIPAL AIRPORT PROTECTION DISTRICT
USE CLASSIFICATION: ELECTRIC VEHICLE INFRASTRUCTURE
TAX PARCEL ID NUMBER: 31050800300600
SCREENING TYPES PROVIDED: NO SCREENING AT THIS TIME
UTILITY PROVIDER: ELECTRICAL - SNOHOMISH PUD
SHORELINE CLASSIFICATION: NOT IN A SHORELINE MANAGEMENT AREA
FEMA FLOOD ZONE DESIGNATION: IN ZONE X AND ZONE AE

SCOPE OF WORK: 8 STALL LEVEL 3 CHARGING STATION WITH ONE ADA ACCESSIBLE STALL AND 233KWH LOAD MANAGED BATTERY ENERGY STORAGE SYSTEM



VICINITY MAP
SCALE 1/4" = 1'-0"

SHEET INDEX				
SHEET	REV	SHEET NAME	DATE	DESCRIPTION
E1	0	COVER SHEET / INDEX - ELECTRICAL	12/20/24	ISSUED FOR CONSTRUCTION
E2	0	EV STATION LAYOUT PLAN	12/20/24	ISSUED FOR CONSTRUCTION
E3	0	SCHEDULES	12/20/24	ISSUED FOR CONSTRUCTION
E4	0	H-FRAME	12/20/24	ISSUED FOR CONSTRUCTION
E5	0	ONE LINE FLOW DIAGRAM	12/20/24	ISSUED FOR CONSTRUCTION
G1	0	UTILITY DESIGN	12/20/24	ISSUED FOR CONSTRUCTION
G2	0	TOPO SURVEY	12/20/24	ISSUED FOR CONSTRUCTION
S2	0	GENERAL NOTES - CONCRETE	12/20/24	ISSUED FOR CONSTRUCTION
S3	0	CONCRETE STRUCTURAL DETAILS	12/20/24	ISSUED FOR CONSTRUCTION



NO.	REVISION	APP.	DATE
0	ISSUED FOR CONSTRUCTION	TKJ	12/20/24

GENERAL NOTES:

APPLICANT: AVIAT GROUP, LLC
406-201-0124
RANDYH@AVIATGROUP.COM
PO BOX 668, ONALASKA, WA 98570

SURVEYOR: CLARK LAND SERVICE
719-633-8333
INFO@CLARKLS.COM
177 S TIFFANY DRIVE, UNIT PUEBO WEST, CO 81007

OWNER: A1 GAS & FOOD, LLC
425-346-9427
SINGH6463@GMAIL.COM
2115 116TH ST NE TULALIP, WA 98271

JBW
REMOVING BARRIERS

DULUTH, MN
218-491-6059
GILLETTE, WY
307-257-6275
info@jbwconsult.com
www.jbwconsult.com

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AVIAT GROUP

SCALE: As indicated
 DRAWN: DHM DATE: 11/07/24
 CHECKED: JKG DATE: 12/20/24
 APPROVED: JKG DATE: 12/20/24

TITLE: ARLINGTON FUEL MART
2216 SR 530, ARLINGTON, WA 98223
EV CHARGING STATION
COVER SHEET / INDEX - ELECTRICAL

JBW PROJECT NUMBER: 24129
SHEET NUMBER: 24129.E1

Arbeitsbereich 12/2024, EV Charging Stations/12/2024, EV Charging Stations/Arbeitsbereich 12/2024

STATE ROUTE 530

PROPOSED SIGNAGE



SIGN AT ALL STALLS



SIGN AT ROAD & DRIVE AISLE



ADDITIONAL SIGN AT ADA STALL



REQUIRED BESS SIGNAGE



**ENERGY STORAGE SYSTEM REQUIREMENTS:
 QUANTITY 1, BATTERY ENERGY STORAGE SYSTEM.
 233KWH LITHIUM IRON PHOSPHATE BATTERIES**



SITE PLAN
 SCALE 3/32" = 1'-0"
 TRUE NORTH



NO.	REVISION	APP.	DATE
0	ISSUED FOR CONSTRUCTION	TJK	12/20/24

NO.	REVISION	APP.	DATE

GENERAL NOTES:

APPLICANT: AVIAT GROUP, LLC
 406-201-6124
 RANDYH@AVIATGROUP.COM
 PO BOX 668, ONALASKA, WA 98570

SURVEYOR: CLARK LAND SERVICE
 719-633-9533
 INFO@CLARKLS.COM
 177 S TIFFANY DRIVE, UNIT PUEBO WEST, CO 81007

OWNER: A1 GAS & FOOD, LLC
 425-346-8427
 SINGH463@GMAIL.COM
 2115 116TH ST NE TULALIP, WA 98271

JBW
 REMOVING BARRIERS

DULUTH, MN 218-491-6059
 GILLETTE, WY 307-257-6275
 info@jwconsult.com
 www.jwconsult.com

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SCALE: 3/32" = 1'-0"

DRAWN: DHM	DATE: 11/06/24
CHECKED: JKG	DATE: 12/20/24
APPROVED: JKG	DATE: 12/20/24

TITLE:

ARLINGTON FUEL MART
 2216 SR 530, ARLINGTON, WA 98223
 EV CHARGING STATION
 EV STATION LAYOUT PLAN

JBW PROJECT NUMBER: 24129	REV
SHEET NUMBER: 24129.E2	0

CABLE SCHEDULE

CABLE ID	FROM	TO	RACEWAY ID	LOAD SIZE (AMPS)	LENGTH (FT)	VOLTAGE	PHASES	CONDUCTOR MATERIAL	CABLE FUNCTION	NO. OF CONDUCTORS	TEMPERATURE RATING (deg C)	SPECIFIED CONDUCTOR SIZE	INSULATION TYPE	INSULATION VOLTAGE RATING
CBL1.1	CT ENCLOSURE	MDP 480/277 MAIN 400A 3P	C1.1	660	10	480V	3	COPPER	POWER	3 400, 1 10N, 1 1/0 GRD	90	400 kcmil	THHN	600V
CBL1.2	CT ENCLOSURE	MDP 480/277 MAIN 400A 3P	C1.2	660	10	480V	3	COPPER	POWER	3 400, 1 10N, 1 1/0 GRD	90	400 kcmil	THHN	600V
CBL2	MDP 30A 3P SPD BKR	SPD	C2	30	10	480V	3	COPPER	POWER	3 + GRD	90	10 AWG	THHN	600V
CBL3.1	MPD 350A 3P DCF-1 BKR	DCFC-1 200KW EV STATION 1	C3.1	338	20	480V	3	ALUMINUM	POWER	3 250KCMIL, 1 1/0 N, 1 #3 GRD	90	250 kcmil	THHN	600V
CBL3.2	MPD 350A 3P DCF-1 BKR	DCFC-1 200KW EV STATION 1	C3.2	338	20	480V	3	ALUMINUM	POWER	3 250KCMIL, 1 1/0 N, 1 #3 GRD	90	250 kcmil	THHN	600V
CBL4.1	MPD 350A 3P DCF-2 BKR	DCFC-2 200KW EV STATION 2	C4.1	338	20	480V	3	ALUMINUM	POWER	3 250KCMIL, 1 1/0 N, 1 #3 GRD	90	250 kcmil	THHN	600V
CBL4.2	MPD 350A 3P DCF-2 BKR	DCFC-2 200KW EV STATION 2	C4.2	338	20	480V	3	ALUMINUM	POWER	3 250KCMIL, 1 1/0 N, 1 #3 GRD	90	250 kcmil	THHN	600V
CBL5.1	MPD 350A 3P DCF-3 BKR	DCFC-3 200KW EV STATION 3	C5.1	338	20	480V	3	ALUMINUM	POWER	3 250KCMIL, 1 1/0 N, 1 #3 GRD	90	250 kcmil	THHN	600V
CBL5.2	MPD 350A 3P DCF-3 BKR	DCFC-3 200KW EV STATION 3	C5.2	338	20	480V	3	ALUMINUM	POWER	3 250KCMIL, 1 1/0 N, 1 #3 GRD	90	250 kcmil	THHN	600V
CBL6.1	MPD 350A 3P DCF-4 BKR	DCFC-4 200KW EV STATION 4	C6.1	338	20	480V	3	ALUMINUM	POWER	3 250KCMIL, 1 1/0 N, 1 #3 GRD	90	250 kcmil	THHN	600V
CBL6.2	MPD 350A 3P DCF-4 BKR	DCFC-4 200KW EV STATION 4	C6.2	338	20	480V	3	ALUMINUM	POWER	3 250KCMIL, 1 1/0 N, 1 #3 GRD	90	250 kcmil	THHN	600V
CBL7	MDP 20A 2P CP1 BKR	POWERNODE NEXUS CP1	C7	20	70	480V	2	COPPER	POWER	2 + 1 GRD	90	10 AWG	THHN	600V
CBL8	MDP 400AF 200AT 3P PCS DYNAPOWER BKR	FSW1 HD SAFETY SWITCH 3P 200A 200AT	C8	312	20	480V	3	ALUMINUM	POWER	3 250, 1 #1 GRD	90	250 kcmil	THHN	600V
CBL9	FSW1 HD SAFETY SWITCH 3P 200A 200AT	ISOLATION TRANSFORMER 150 KVA	C9	312	55	480V	3	ALUMINUM	POWER	3 250, 1 #1 GRD	90	250 kcmil	THHN	600V
CBL10	ISOLATION TRANSFORMER 150 KVA	PCS DYNAPOWER MPS 125 125KVA	C10	250	40	480V	3	ALUMINUM	POWER	3 250, 1 #1 GRD	90	250 kcmil	THHN	600V
CBL11	MDP 480/277 MAIN 400A 3P	POWERNODE NEXUS CP1	C11	COMMUNICATION	125	0-24 VDC	1	COPPER	COMMUNICATION	CAT6	90	CAT 6 SHIELDED	PVC	N/A
CBL12	MDP 20A 1 POLE 277V LIGHTING FEED	LIGHTED BOLLARDS	C12	COMMUNICATION	30	277V	1	COPPER	POWER	2 + 1 GRD	90	10 AWG	THHN	600V
CBL13	DCFC-1 200KW	POWERNODE NEXUS CP1	C13	COMMUNICATION	80	0-24 VDC	1	COPPER	COMMUNICATION	CAT6	90	CAT 6 SHIELDED	PVC	N/A
CBL14	DCFC-2 200KW	POWERNODE NEXUS CP1	C14	COMMUNICATION	70	0-24 VDC	1	COPPER	COMMUNICATION	CAT6	90	CAT 6 SHIELDED	PVC	N/A
CBL15	DCFC-3 200KW	POWERNODE NEXUS CP1	C15	COMMUNICATION	60	0-24 VDC	1	COPPER	COMMUNICATION	CAT6	90	CAT 6 SHIELDED	PVC	N/A
CBL16	DCFC-4 200KW	POWERNODE NEXUS CP1	C16	COMMUNICATION	50	0-24 VDC	1	COPPER	COMMUNICATION	CAT6	90	CAT 6 SHIELDED	PVC	N/A

GENERAL NOTES

1. MAIN CIRCUIT BREAKER SHALL BE 100% RATED WITH ELECTRONIC TRIP UNITS WITH INTEGRAL DIGITAL METERING AND MODBUS TCP COMMUNICATION.
2. NEUTRAL IS USED FOR INSTRUMENTATION AND CONTROL POWER ONLY. CODE MINIMUM NEUTRAL IS PROVIDED PER NEC 215.2(B) AND 230.42(C).
3. ALL WIRING INSIDE POWERNODE NEXUS PROVIDED BY ELECTRIC ERA.
4. SPD SHALL BE SIZED BASED ON LOCAL CONDITIONS AND UPSTREAM SERVICE TYPE.
5. UTILITY REQUIREMENTS FOR EFFECTIVE GROUNDING SHALL BE VERIFIED IN THE SITE SPECIFIC DESIGN.
6. LOAD IS MANAGED BY AN ENERGY MANAGEMENT SYSTEM. CURRENT LIMIT AND SUBSEQUENT SERVICE SIZING IS IN ACCORDANCE WITH NEC 220.70 AND REFERENCED ARTICLES.

BILL OF MATERIALS SCHEDULE

BOM ID	QUANTITY	MANUFACTURER	SERIES	VOLT	LUMENS	WATTS	SIZE / DIMENSIONS	OUNTING	FINISH	DESCRIPTION
1	1	EATON	DH364URK	600	N/A	N/A	27.6" X 16" X 6.14"	N/A	GRAY	200 AMP - 3 POLE - 600 VOLT NEMA 4, VISIBLE BREAK, FUSED, SAFETY SWITCH
2	1	EATON	CH9526K7	600	N/A	N/A	43.1" X 20.4" X 6.49"	N/A	GRAY	Eaton Electrical CH9526K7 600 Amp 3-Phase Aluminum K-Base Meter Socket
3	1	EATON	Eaton 364811 HRTCT	600	N/A	N/A	43.1" X 20.4" X 6.49"	N/A	GRAY	CT ENCLOSURE
4	1	EATON	CUTSPD200480Y1N	480	N/A	N/A	7.3" X 5.3" X 3.4"	N/A	GRAY	SIDE MOUNT SURGE PROTECTIVE DEVICE FOR MDP
5	350'	CANTEX	A53BA12	N/A	N/A	N/A	1 INCH	N/A	GRAY	PVC CONDUIT, SCHEDULE 40, 1 INCH
6	320'	PRIME CONDUIT INC.	3P	N/A	N/A	N/A	3 INCH	N/A	GRAY	PVC CONDUIT, SCHEDULE 40, 3 INCH
7	90'	PRIME CONDUIT INC.	2P	N/A	N/A	N/A	2 INCH	N/A	GRAY	PVC CONDUIT, SCHEDULE 40, 2 INCH
8	2	BULLARD BOLLARDS	TOTEM 5.11" FLT8 58W	120/277	58	5.11" W 12" TALL	BOLT ON	GRAY	GRAY	TOTEM BOLLARD, 58 WATTS GREEN/BLUE, ROTO SYMETRICAL
9	2	BULLARD BOLLARDS	TOTEM 5.11" FLT8 16W	120/277	16	5.11" W 9" TALL	BOLT ON	GRAY	GRAY	TOTEM BOLLARD, 16 WATTS ROTO SYMETRICAL

CONDUIT SCHEDULE

CONDUIT ID	CONDUIT SIZE	CONDUIT TYPE	FROM	TO	LENGTH
C1.1	3"	RMC	CT ENCLOSURE	MDP 480/277 MAIN 400A 3P	FIELD ROUTED < 10'
C1.2	3"	RMC	CT ENCLOSURE	MDP 480/277 MAIN 400A 3P	FIELD ROUTED < 10'
C2	1"	RMC	MDP 30A 3P SPD BKR	SPD	FIELD ROUTED < 10'
C3.1	3"	SCH 40 PVC	MPD 350A 3P DCF-1 BKR	DCFC-1 200KW EV STATION 1	50
C3.2	3"	SCH 40 PVC	MPD 350A 3P DCF-1 BKR	DCFC-1 200KW EV STATION 1	50
C4.1	3"	SCH 40 PVC	MPD 350A 3P DCF-2 BKR	DCFC-2 200KW EV STATION 2	30
C4.2	3"	SCH 40 PVC	MPD 350A 3P DCF-2 BKR	DCFC-2 200KW EV STATION 2	30
C5.1	3"	SCH 40 PVC	MPD 350A 3P DCF-3 BKR	DCFC-3 200KW EV STATION 3	30
C5.2	3"	SCH 40 PVC	MPD 350A 3P DCF-3 BKR	DCFC-3 200KW EV STATION 3	30
C6.1	3"	SCH 40 PVC	MPD 350A 3P DCF-4 BKR	DCFC-4 200KW EV STATION 4	50
C6.2	3"	SCH 40 PVC	MPD 350A 3P DCF-4 BKR	DCFC-4 200KW EV STATION 4	50
C7	1"	SCH 40 PVC	MDP 20A 2P CP1 BKR	POWERNODE NEXUS CP1	60
C8	2"	RMC	MDP 400AF 200AT 3P PCS DYNAPOWER BKR	FSW1 HD SAFETY SWITCH 3P 200A 200AT	FIELD ROUTED < 10'
C9	2"	SCH 40 PVC	FSW1 HD SAFETY SWITCH 3P 200A 200AT	ISOLATION TRANSFORMER 150 KVA	50
C10	2"	SCH 40 PVC	ISOLATION TRANSFORMER 150 KVA	PCS DYNAPOWER MPS 125 125KVA	35
C11	1"	SCH 40 PVC	MDP 480/277 MAIN 400A 3P	POWERNODE NEXUS CP1	60
C12	1"	SCH 40 PVC	MDP 20A 1 POLE 277V LIGHTING FEED	LIGHTED BOLLARDS	110
C13	1"	SCH 40 PVC	DCFC-1 200KW EV STATION 1	POWERNODE NEXUS CP1	30
C14	1"	SCH 40 PVC	DCFC-2 200KW EV STATION 2	POWERNODE NEXUS CP1	45
C15	1"	SCH 40 PVC	DCFC-3 200KW EV STATION 3	POWERNODE NEXUS CP1	65
C16	1"	SCH 40 PVC	DCFC-4 200KW EV STATION 4	POWERNODE NEXUS CP1	85

GENERAL NOTES:

CLIENT NOTES:



DULUTH, MN
218-491-6059
GILLETTE, WY
307-257-6275
info@jbcwconsult.com
www.jbcwconsult.com

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SCALE:
DRAWN: DHM
CHECKED: JKG
APPROVED: JKG

TITLE:
ARLINGTON FUEL MART
2216 SR 530, ARLINGTON, WA 98223
EV CHARGING STATION
SCHEDULES
JBW PROJECT NUMBER: 24129
SHEET NUMBER: 24129.E3



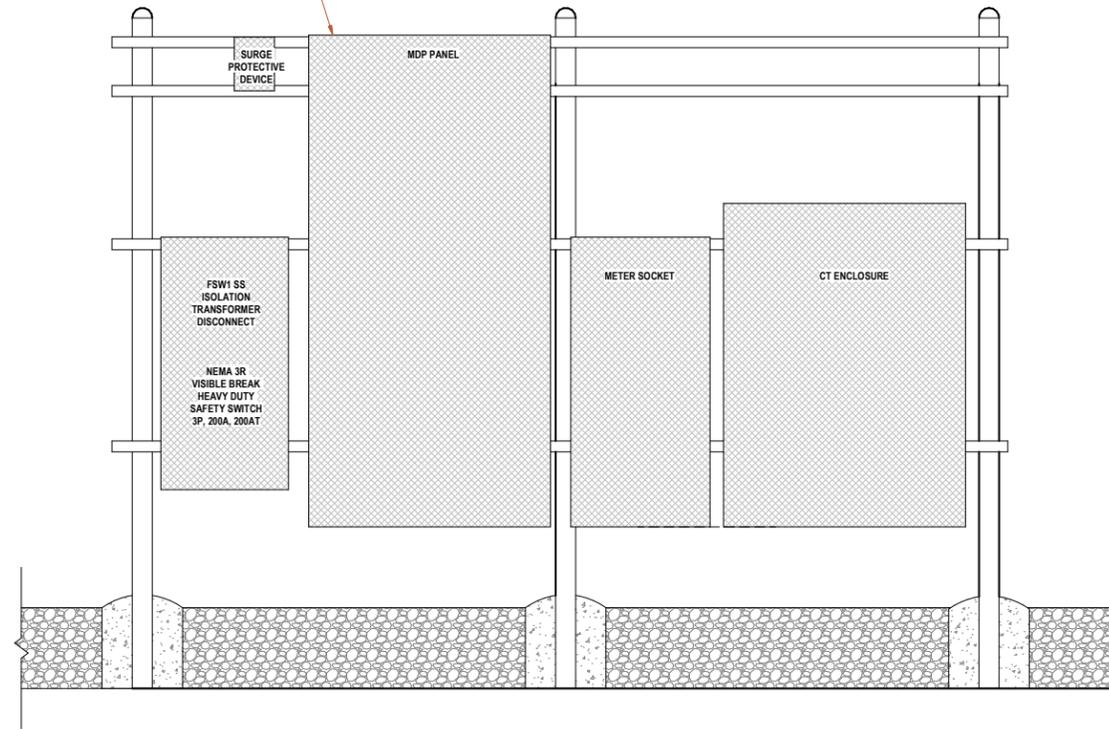
12/19/24
[Signature]

NO.	ISSUED FOR CONSTRUCTION	REVISION	TKJ	12/20/24
0	ISSUED FOR CONSTRUCTION		TKJ	12/20/24

NO.	REVISION	APP.	DATE

NO.	REVISION	APP.	DATE

SEE STRUCTURAL PACKAGE FOR
(N) H-FRAME STRUCTURE



ELECTRICAL EQUIPMENT @ H-FRAME

SCALE 1" = 1'-0"



12/19/24

[Signature]

NO.	REVISION	APP.	DATE
0	ISSUED FOR CONSTRUCTION	TKJ	12/20/24

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JBW
DULUTH, MN
218-491-6059
GILLETTE, WY
307-257-6275
info@jwconsult.com
www.jwconsult.com
REMOVING BARRIERS

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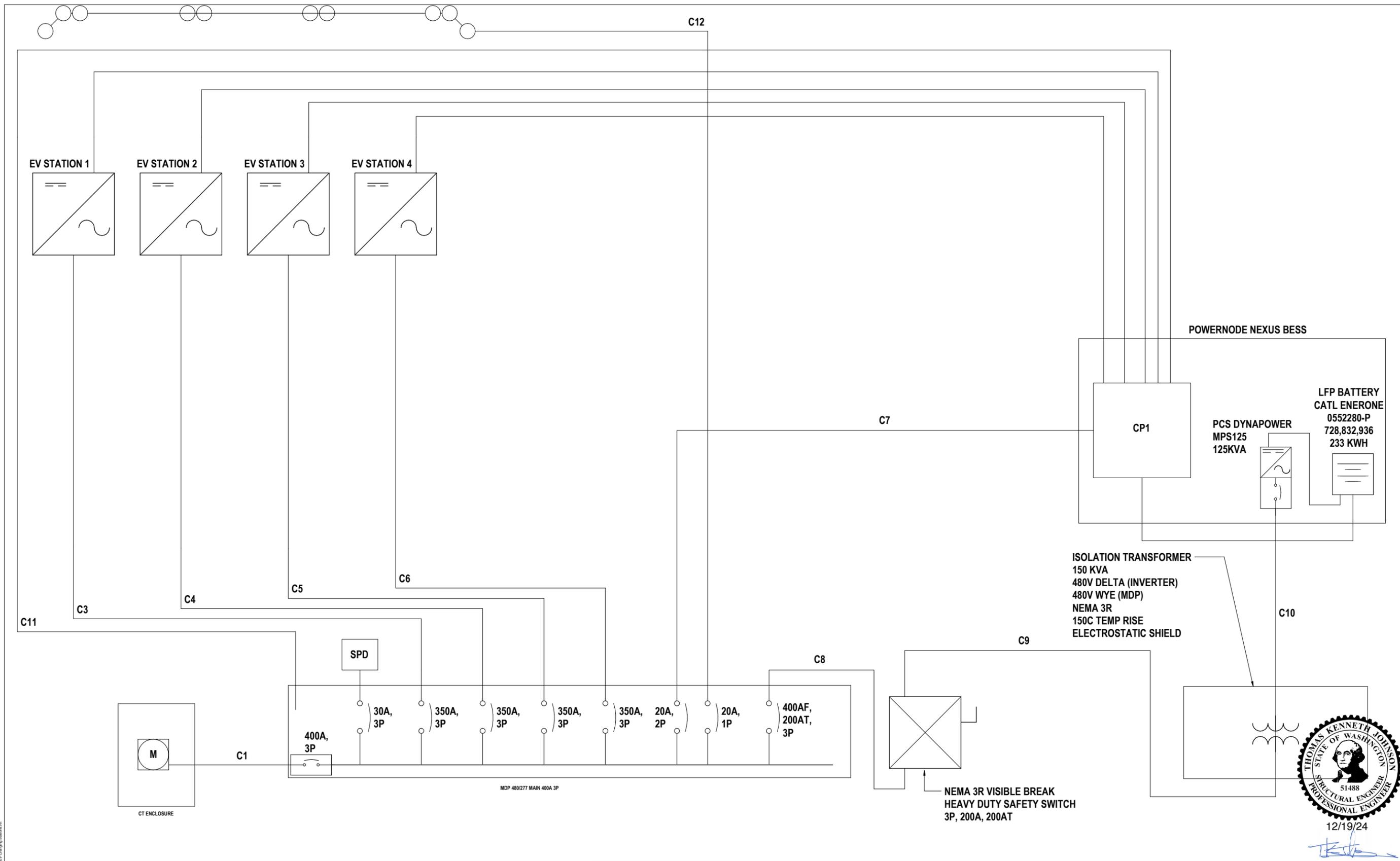
AVIAT
GROUP

SCALE: 1" = 1'-0"	TITLE:
DRAWN: DHM	ARLINGTON FUEL MART
CHECKED: JKG	2216 SR 530, ARLINGTON, WA 98223
APPROVED: JKG	EV CHARGING STATION
	H-FRAME
	JBW PROJECT NUMBER: 24129
	SHEET NUMBER: 24129.E4

REV
0

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 12/19/24 10:58 AM
 TKJ

LIGHTED BOLLARDS



NO.	REVISION	APP.	DATE
0	ISSUED FOR CONSTRUCTION	TKJ	12/20/24

GENERAL NOTES:

JBW
 DULUTH, MN 218-491-6059
 GILLETTE, WY 307-257-6275
 info@jwconsult.com
 www.jwconsult.com

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SCALE: 3/4" = 1'-0"	TITLE: ARLINGTON FUEL MART 2216 SR 530, ARLINGTON, WA 98223 EV CHARGING STATION ONE LINE FLOW DIAGRAM
DRAWN: DHM	DATE: 11/07/24
CHECKED: JKG	DATE: 12/20/24
APPROVED: JKG	DATE: 12/20/24
JBW PROJECT NUMBER: 24129	REV
SHEET NUMBER: 24129.E5	0

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LAYOUT LEGEND:

- PAD MOUNTED TRANSFORMER
- SUBMERSIBLE TRANSFORMER
- ABOVE GROUND J-BOX
- SUBMERSIBLE J-BOX
- PRIMARY UNDERGROUND CABLE
- POLE AND OVERHEAD LINE
- - - - - PROPERTY LINE
- - - - - RIGHT-OF-WAY LINE
- U — EXISTING UNDERGROUND CABLE

SCHEMATIC:

REFER TO SHEET 1

VAULT INSPECTION FORMS:

REFER TO SHEET 3

FAULT INDICATORS:

AT VAULT A-14119, INSTALL FAULT INDICATOR (CU# D0701) ON CABLE* 18108 THRU 118110. INSTALL FAULT INDICATOR LABEL (STK# 0385220) ON VAULT COVER, USING RTV SILICONE SEALANT (STK# 955073).

CONSTRUCTION NOTES:

BY PUD

AT POLE XC-77

REFUSE 65A LOAD BREAK CUT OUTS TO 100A.

AT VAULT A-14119

REMOVE (3) DUST CAPS
INSTALL (3) 1/0 ELBOWS (T1105)
INSTALL CABLE TAGS & FAULT INDICATORS PER SCHEMATIC.

AT VAULT A-57966

INSTALL 500 KVA 480/277V PDMT XFMR.
INSTALL (3) 1/0 ELBOWS (T1105).
INSTALL (3) DUST CAPS.
INSTALL CABLE TAGS PER SCHEMATIC.

TRANSFORMER 12,470 GRD-Y/7200-480/277V

BY PUD OR PUD'S CONTRACTOR

A-57966 500 KVA

UTC _____

SER _____

MAKE _____

VAULTS

BY CUSTOMER

A-57966

9'4" x 5'4" x 4" CONCRETE VAULT,
8' x 9' x 6" COVER W/A 18" x 50"
ACCESS HOLE AND 4' x 5'4" x 6" COVER
W/A 3' x 3' DIAMOND PLATE LID

CABLE

ALL FOOTAGES APPROXIMATE

BY PUD OR PUD'S CONTRACTOR

FROM A-14119 TO A-57966

170' OF (3) 1/0 AL 15KV CNCTRC NEUT JKCTD PRI IN 4" PVC

MAKE _____ PO _____ REEL _____

MAKE _____ PO _____ REEL _____

MAKE _____ PO _____ REEL _____

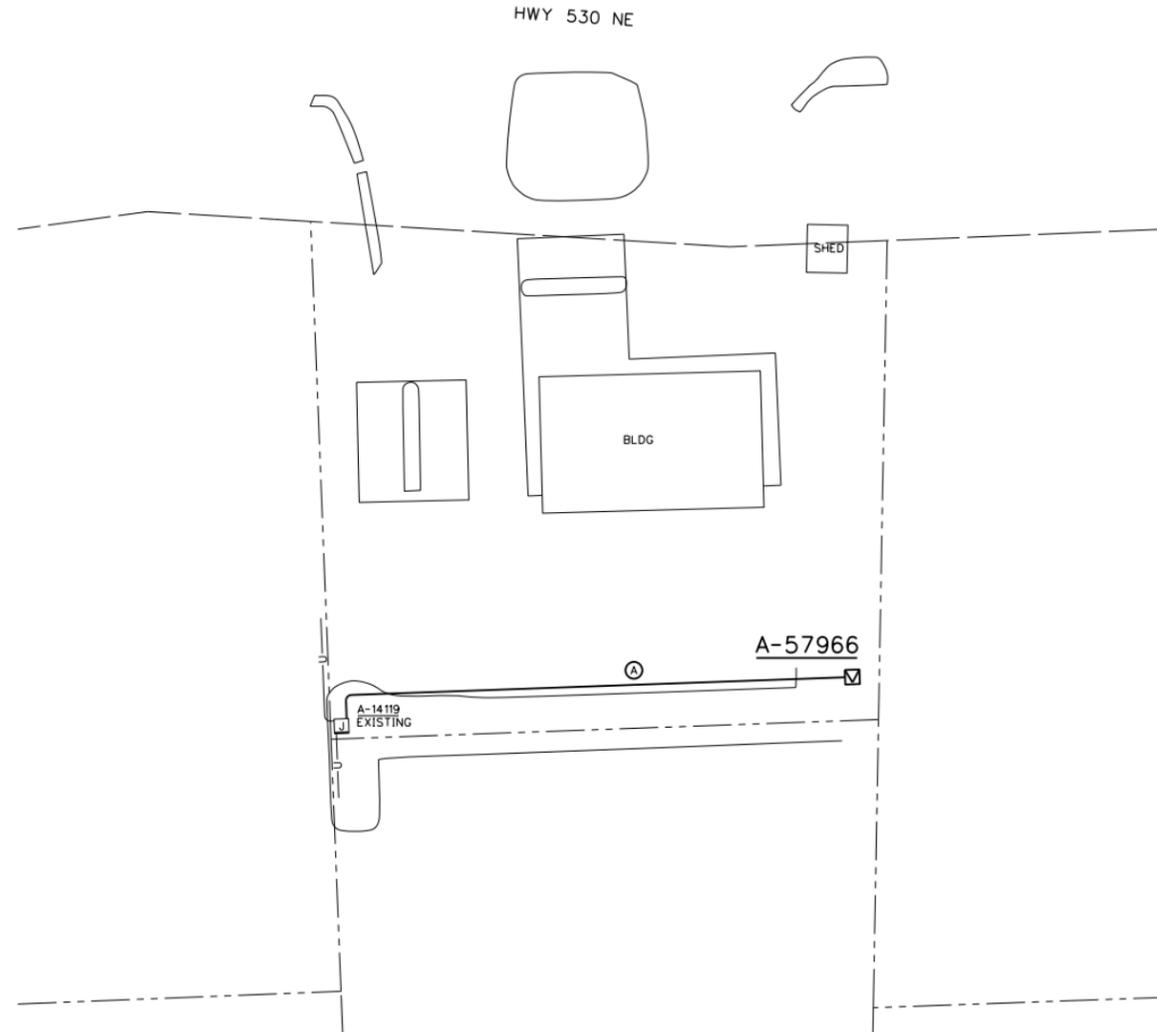
FT MARK _____ TO _____

SECONDARIES AT A-57966

(2) RUNS OF 500 AL QUAD BY CUSTOMER (XFMR TO BLDG)

DUCT

① 140' OF (1) 4" PVC BY CUSTOMER

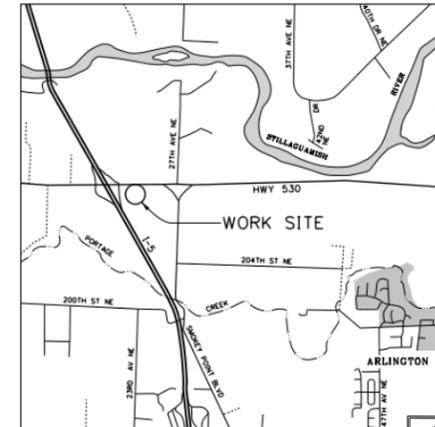


LAYOUT
1" = 20'



LOCATION **2216 STATE ROUTE 530 NE, ARLINGTON 98223** AREA **ARLINGTON**
 POLE NO. **SW/4S B T 31 R 5** DATE **11/1/24** ORDER **100138143**
 REASON FOR WORK **PROVIDE 3rd PRIMARY UNDERGROUND SERVICE FOR AT GAS EV CHARGERS (CONN LOAD: 480kW)** ENGINEER **D. WOOD** OPERATION **0060**
 DRAFTER **D. LUND** UGND NO. **5695-2** SCALE **NOTED**

ROAD CROSSINGS ONLY		FOREMAN RECORDS		INSPECTOR	
APPV	DATE	DESCRIPTION	SIGNATURE	DATE	DATE
<input type="checkbox"/> RESTORATION COMPLETED <input type="checkbox"/> RESTORATION REQUIRED <input type="checkbox"/> ADDITIONAL WORK REQUIRED NOTES (i.e. REDLINE INFO):			PERMITS <input type="checkbox"/> CITY <input type="checkbox"/> SNO COUNTY (TCP) <input type="checkbox"/> SNO COUNTY (BLANKET) <input type="checkbox"/> SNO COUNTY (MAJOR) <input type="checkbox"/> OTHER: <input type="checkbox"/> NO PERMIT REQUIRED <input type="checkbox"/> RESTORATION REQUIRED <input type="checkbox"/> MULTIPLE JOB PHASES (i.e. OH, UG)		
REVISIONS			EASEMENTS		
APPV	NO.	DATE	DESCRIPTION	<input type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED	
PRIMARY OVERHEAD <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL LEO# _____ /' = \$ _____			FEES REQ'D <input type="checkbox"/> YES <input type="checkbox"/> NO REQUEST NO. _____ DATE APPROVED _____ FOREIGN CONTACTS <input type="checkbox"/> JOINT TRENCH ZIPLY & CATV <input type="checkbox"/> JOINT BORE ZIPLY & CATV <input type="checkbox"/>		
PRIMARY UNDERGROUND <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL BASIC FEE \$ _____ LEU# _____ /' = \$ _____			PRE-CONSTR REQUIREMENTS <input type="checkbox"/> BACKHOE <input type="checkbox"/> FLAGGING <input type="checkbox"/> ONE CALL DATE _____ FIBER <input type="checkbox"/> YES <input type="checkbox"/> NO STREET LIGHTING <input type="checkbox"/> YES <input type="checkbox"/> NO		
MISCELLANEOUS FEES VAULT \$ _____ PERMIT \$ _____ TOTAL DUE \$ _____			DATE PAID _____ RECEIPT# _____ M&R IN _____ AS-BUILT _____ M&R OUT _____ JOINT USE _____		
ENGINEER DAVID WOOD PHONE (360) 435-7508 CELLULAR (425) 308-1674			CUSTOMER DANA TRIMMER PHONE (954) 707-1189 CELLULAR _____		



VICINITY MAP

TAGS

VAULT: A-57966
 CABLE: 118108 TRHU 118110



12/19/24

[Signature]

0	ISSUED FOR CONSTRUCTION	TKJ	12/20/24
NO.	REVISION	APP.	DATE

NO.	REVISION	APP.	DATE
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GENERAL NOTES:

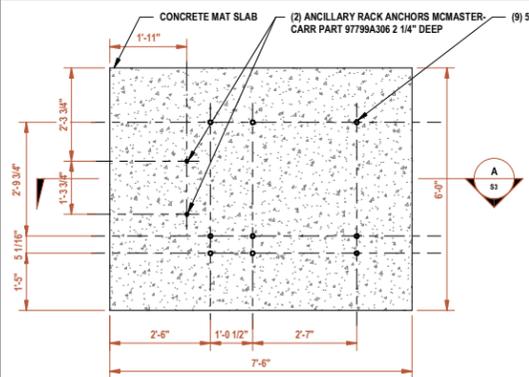
JBW
 DULUTH, MN 218-491-6059
 GILLETTE, WY 307-257-6275
 info@jwconsult.com
 www.jwconsult.com

CLIENT NOTES:
 COPYRIGHT 2023
 JBW CONSULTING ENGINEERS LLC.

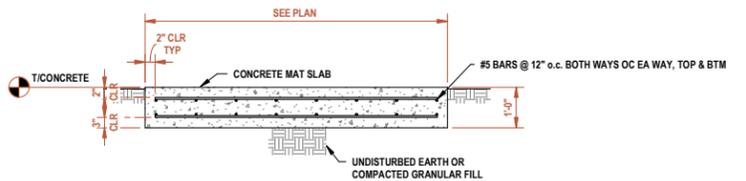


SCALE:	DATE:
DRAWN: DHM	12/19/24
CHECKED: TKJ	12/20/24
APPROVED: TKJ	12/20/24

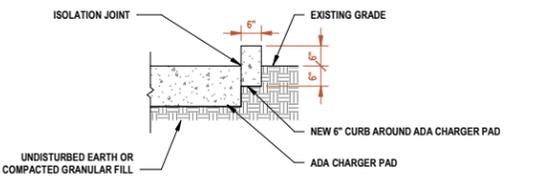
TITLE:		REV
ARLINGTON FUEL MART		
2216 SR 530, ARLINGTON, WA 98223		
EV CHARGING STATION		
UTILITY DESIGN		
JBW PROJECT NUMBER: 24129		
SHEET NUMBER: 24129.G1		0



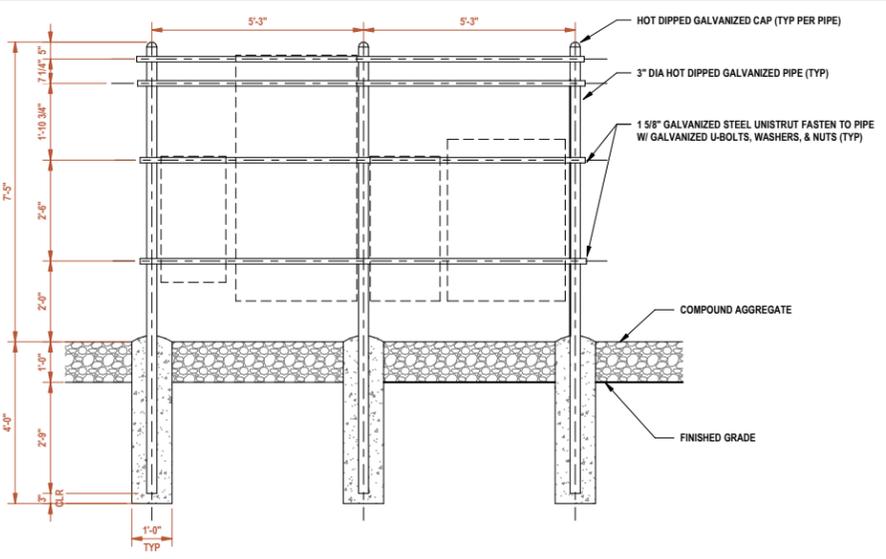
1 ENLARGED PLAN @ BESS PAD
SCALE 1/2" = 1'-0"
TRUE NORTH



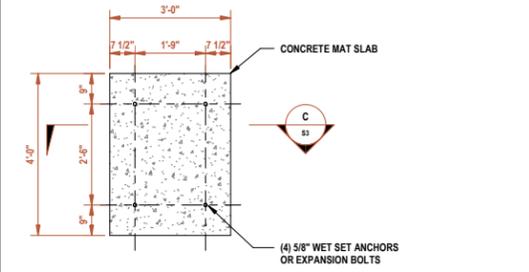
A SECTION @ BESS PAD
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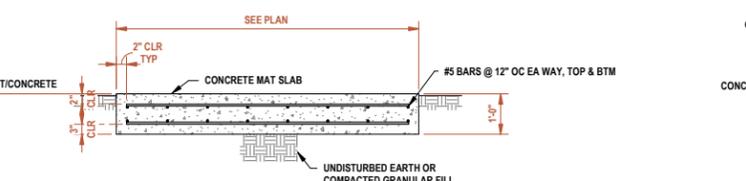
B SECTION @ CONCRETE CURB & ADA CHARGER
SCALE 1/2" = 1'-0"



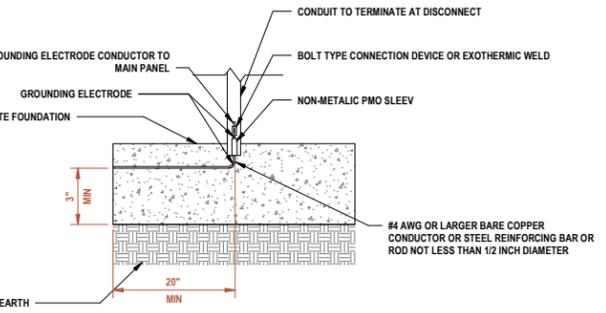
5 DETAIL SECTION @ H-FRAME
SCALE 1/2" = 1'-0"



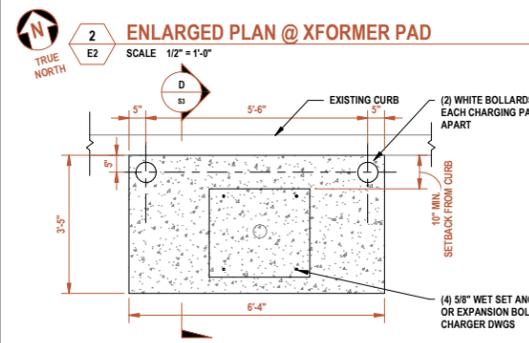
2 ENLARGED PLAN @ XFORMER PAD
SCALE 1/2" = 1'-0"
TRUE NORTH



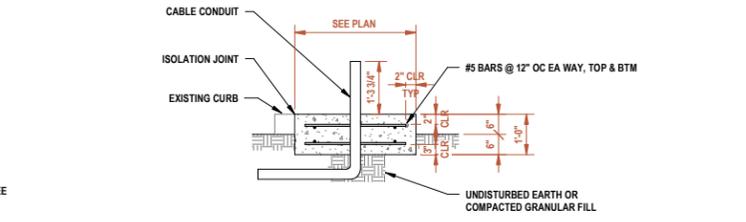
C SECTION @ XFORMER PAD
SCALE 1/2" = 1'-0"



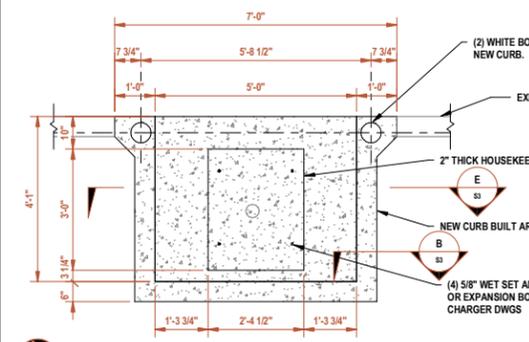
F ELECTRODE GROUNDING DETAIL
SCALE NTS



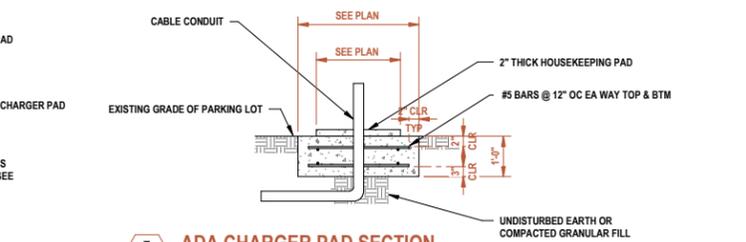
3 ENLARGED PLAN @ CHARGER PAD
SCALE 1/2" = 1'-0"
TRUE NORTH



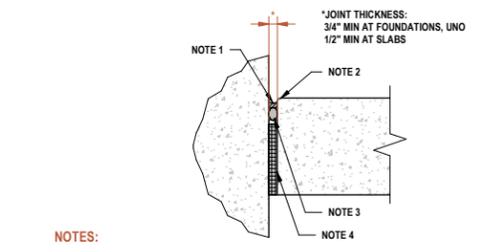
D SECTION @ CHARGER PAD
SCALE 1/2" = 1'-0"



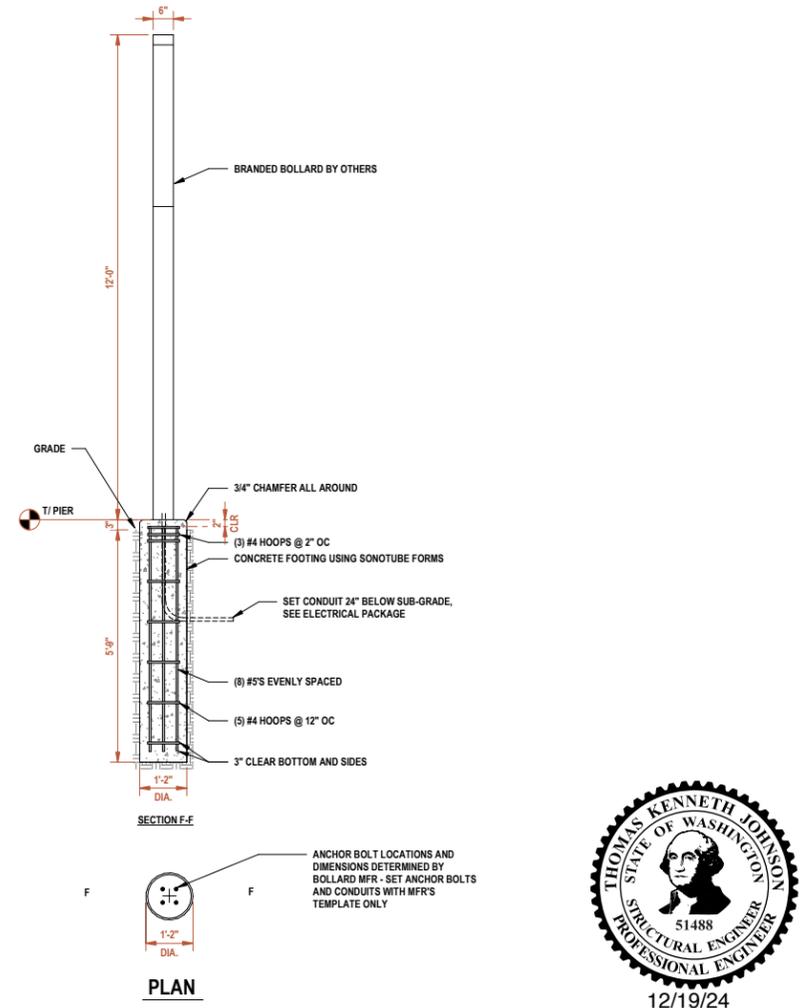
4 ENLARGED PLAN @ ADA CHARGER PAD
SCALE 1/2" = 1'-0"
TRUE NORTH



E ADA CHARGER PAD SECTION
SCALE 1/2" = 1'-0"



7 ISOLATION JOINT
SCALE NTS



6 BRANDED BOLLARD SONO TUBE
SCALE NTS

- NOTES:**
- 1/4" CONTROL JOINT.
 - TOOLED EDGE
 - NEOPRENE ROD : DIA = JOINT THICKNESS + 1/8"
 - PREMOLDED JOINT FILLER NAILED OR GLUED TO CONCRETE FACE OF FIRST POUR.



NO.	REVISION	APP.	DATE
0	ISSUED FOR CONSTRUCTION	TKJ	12/20/24

GENERAL NOTES:

JBW
DULUTH, MN
218-491-6059
GILLETTE, WY
307-257-6275
info@jbwconsult.com
www.jbwconsult.com

CLIENT NOTES:

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AVIAT GROUP

SCALE: As indicated

DRAWN: DHM DATE: 11/06/24

CHECKED: TKJ DATE: 12/20/24

APPROVED: TKJ DATE: 12/20/24

TITLE: ARLINGTON FUEL MART
2216 SR 530, ARLINGTON, WA 98223
EV CHARGING STATION
CONCRETE STRUCTURAL DETAILS

JBW PROJECT NUMBER: 24129

SHEET NUMBER: 24129.S3

REV 0