



ELECTRIC VEHICLE CHARGING STATIONS FRED MEYER 663 SANDY, OR

EA PROJECT #: 210524
SAI PROJECT #: OR-275-21003
16625 SE 362nd Dr, SANDY, OR 97055

**electrify
america**

ELECTRIFY AMERICA, LLC
2003 EDMUND HALLEY
DRIVE
SUITE 200
RESTON, VA 20191



12 INDUSTRIAL WAY
SALEM, NEW HAMPSHIRE 03079



Woodville Kent
20219 150th Avenue NE 1855 Central Pt S, #101
Woodville, WA 98072 Kent, WA 98038
F 425.396.1309 www.LDCcorp.com F 425.482.2811



JOB NAME
210524
FRED MEYER 663
16625 SE 362nd Dr,
SANDY, OR 97055

SHEET TITLE
COVER SHEET

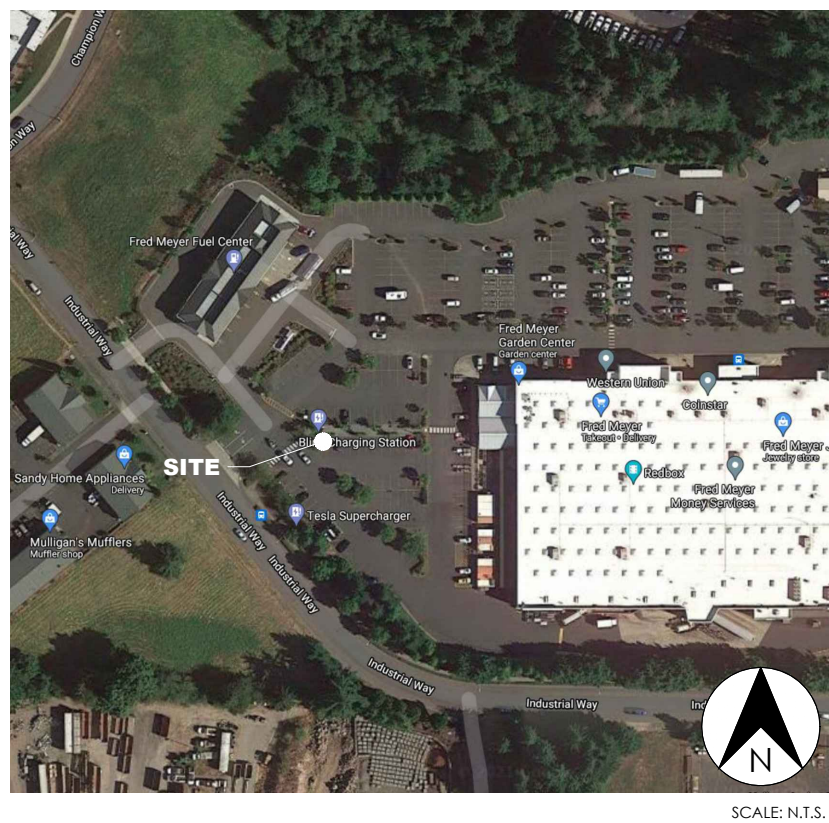
SITE INFORMATION

SITE NAME: FRED MEYER 663
SAI PROJECT NUMBER: OR-275-21003
SITE ADDRESS: 16625 SE 362nd Dr
SANDY, OR 97055
JURISDICTION: CITY OF SANDY
ZONING: C-2 (RETAIL/COMMERCIAL)
PARCEL ID: 00670385
SITE COORDINATES: N45°24'10.8" (N45.403003°) (NAD83)
W122°17'39.6" (W122.294326°) (NAD83)
GROUND ELEVATION: 780'± (NAVD88)
PROPERTY OWNER NAME: FRED MYER, INC
PROPERTY OWNER ADDRESS: 90 BOX 42121
PORTLAND, OR 97242
EQUIPMENT SUPPLIER: ELECTRIFY AMERICA
2003 EDMUND HALLEY DRIVE, SUITE 200
RESTON, VIRGINIA 20191
POWER COMPANY: PORTLAND GENERAL ELECTRIC
ALEX SCHRAMM
(503) 669-3311
PROJECT MANAGER: SAI
12 INDUSTRIAL WAY
SALEM, NEW HAMPSHIRE 03079
ENGINEER CONTACT: RICHARD B. HALL, AIA, NCARB
(425) 806-1869
RHALL@LDCORP.COM
LICENSE # 5008, OREGON

VICINITY MAP



AERIAL MAP



PROJECT DESCRIPTION

1. INSTALL (1) UTILITY TRANSFORMER
2. INSTALL (1) SWITCHGEAR ASSEMBLY
3. INSTALL (4) SIGNET CHARGING STATIONS
4. INSTALL (1) LED LIGHT

CODE REVIEW

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES:

BUILDING CODE: 2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC)
ELECTRICAL CODE: 2017 OREGON ELECTRICAL SPECIALTY CODE (OESC)
FIRE SAFETY CODE: 2019 OREGON STRUCTURAL SPECIALTY CODE (OESC)
USE GROUP: U (UTILITY)
CONSTRUCTION TYPE: IIB

DRAWING INDEX

SHEET NO.	SHEET TITLE
CS-1	COVER SHEET
GN-1	GENERAL NOTES
GN-2	GENERAL NOTES
A-1	OVERALL SITE PLAN
A-2	DEMOLITION PLAN
A-3	PROPOSED LAYOUT
A-4	EQUIPMENT PAD LAYOUT
A-5	ELEVATION
A-6	STAGING PLAN
D-1	CONSTRUCTION DETAILS
D-2	CONSTRUCTION DETAILS
D-3	CONSTRUCTION DETAILS
D-4	CONSTRUCTION DETAILS
E-1	UTILITY PLAN
E-2	ELECTRIC PLAN
E-3	ONE-LINE DIAGRAM
E-4	ELECTRICAL DETAIL
E-5	SWITCHGEAR
E-6	GROUNDING DETAILS

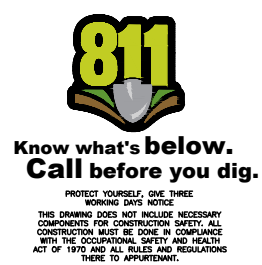
REFERENCE DRAWING

SURVEY SHEET

CONTRACTOR NOTE

1. CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY REPAIRS OR REPLACEMENT DUE TO NEW CONSTRUCTION, OF EXISTING ELECTRICAL, PAVING, PVC CONDUITS, AND LIGHTS.
2. CONTRACTOR TO VERIFY AND PROTECT GATE KEEPER WIRING DURING CONSTRUCTION.

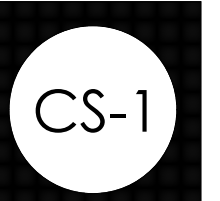
CALL BEFORE YOU DIG

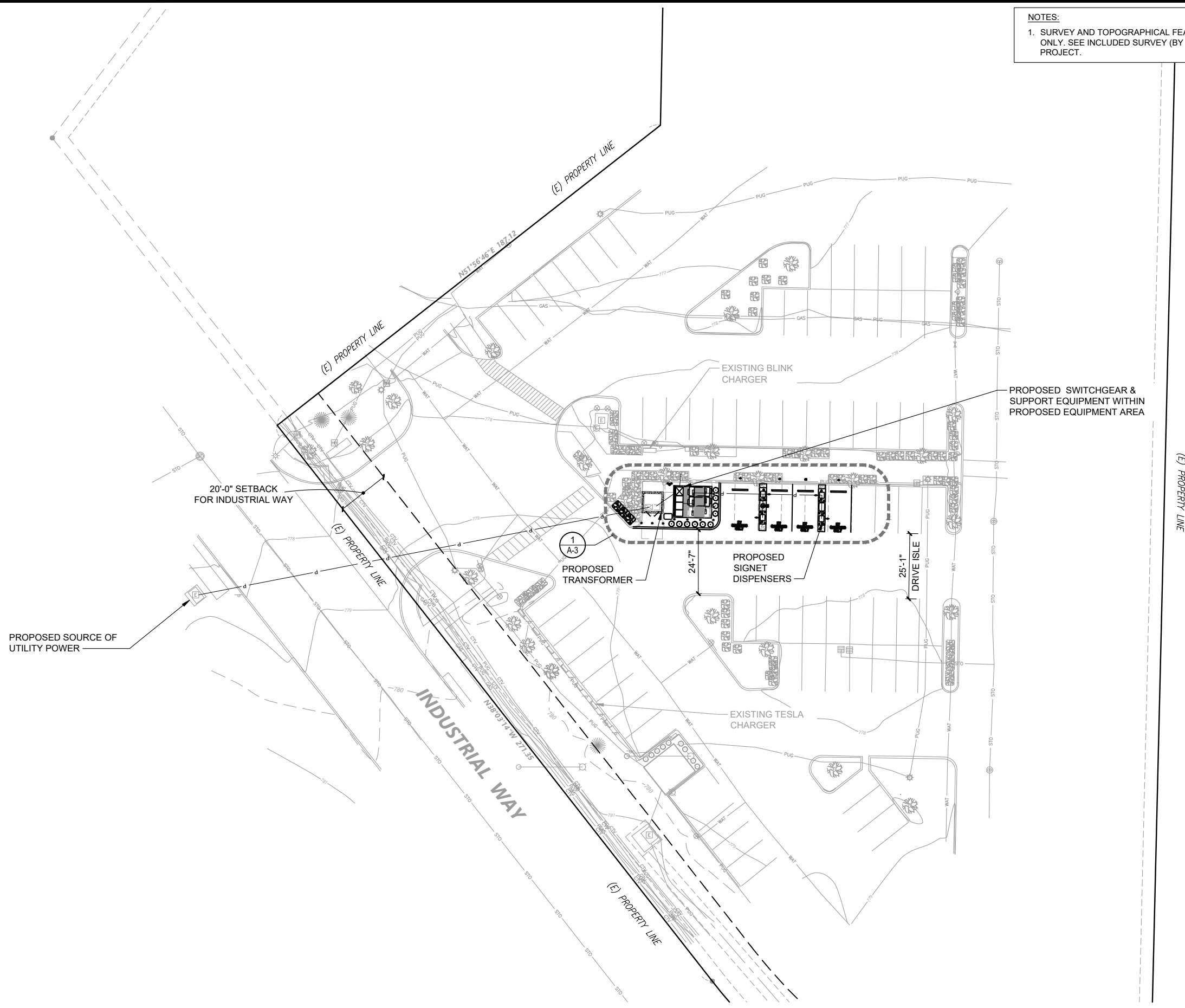


DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 22"x34". CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

PROJECT NUMBER: 210524
DRAWN BY: MAZ
CHECKED BY: RBH





NOTES:
 1. SURVEY AND TOPOGRAPHICAL FEATURES SHOWN FOR REFERENCE ONLY. SEE INCLUDED SURVEY (BY OTHERS) PERFORMED FOR THIS PROJECT.



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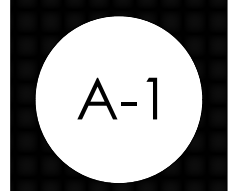
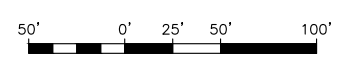
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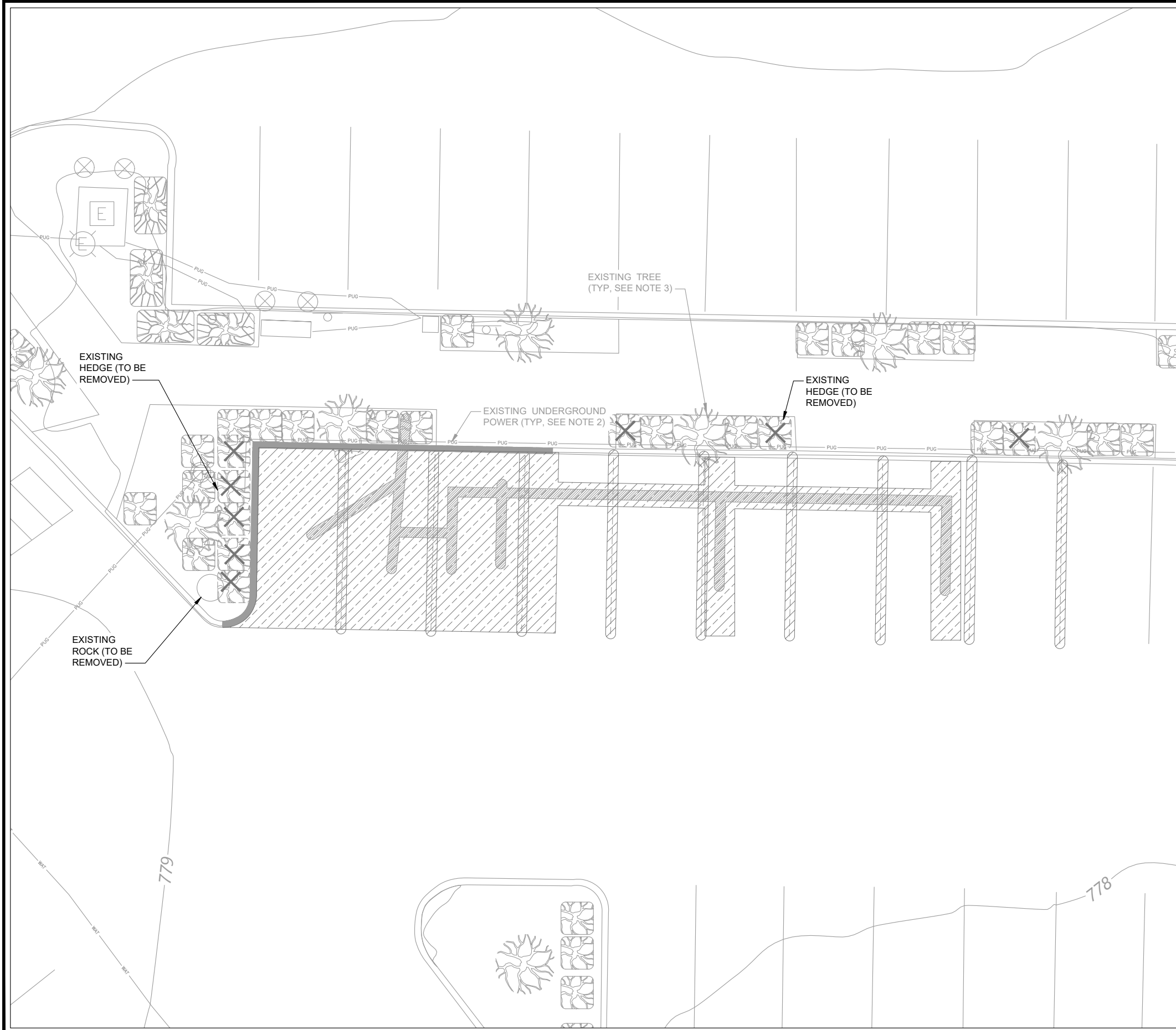
SHEET TITLE
 OVERALL SITE PLAN

REV	DATE	DESCRIPTION
1	6-23-21	S&S

PROJECT NUMBER: 210524
 DRAWN BY: MAZ
 CHECKED BY: RBH

1 OVERALL SITE PLAN
 A-1 22" x 34" SCALE: 1" = 20' 11" x 17" SCALE: 1" = 40'





DEMO QUANTITIES TABLE		
	ASPHALT	735 ± SQ FT
	PARKING LINES	162 ± LINEAR FT
	CURB/GUTTER	50 ± LINEAR FT
	LANDSCAPING	N/A ± SQ FT
	LANDSCAPING SHRUB REMOVAL AND REPLANTING	8
	CONCRETE	N/A ± SQ FT
N/A	BORING	N/A ± LINEAR FT
	TRENCHING	105 ± LINEAR FT

NOTES

- DEMOLITION NOTES:**
1. SURVEY AND TOPOGRAPHICAL FEATURES SHOWN FOR REFERENCE ONLY. SEE INCLUDED SURVEY (BY OTHERS) PERFORMED FOR THIS PROJECT.
 2. CONTRACTOR SHALL PROTECT EXISTING INFRASTRUCTURE IN PLACE WITHIN THE AREA OF IMPROVEMENTS, AND RETURN SIDEWALKS, CURBING, ASPHALT, LANDSCAPING, PLANTERS, IRRIGATION SYSTEMS, AND ANY OTHER FACILITIES DISTURBED BY THE WORK TO THE SAME OR BETTER CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.
 3. CONTRACTOR SHALL PROTECT EXISTING LANDSCAPING, TREES, GROUND COVER, AND ROOT SYSTEMS TO THE MAXIMUM EXTENT POSSIBLE.
 4. CONTRACTOR TO NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO PERFORMING WORK.
 5. QUANTITIES LISTED ARE ONLY APPROXIMATIONS. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BIDDING.
 6. TRENCHING IS TO BE USED EXCEPT IN HEAVY TRAFFIC AREAS, MAIN DRIVE AISLES, AND ACROSS STORE ENTRANCES.



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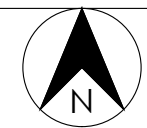
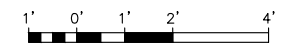
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SHEET TITLE
DEMOLITION
PLAN

REV	DATE	DESCRIPTION
1	6-23-21	S&S

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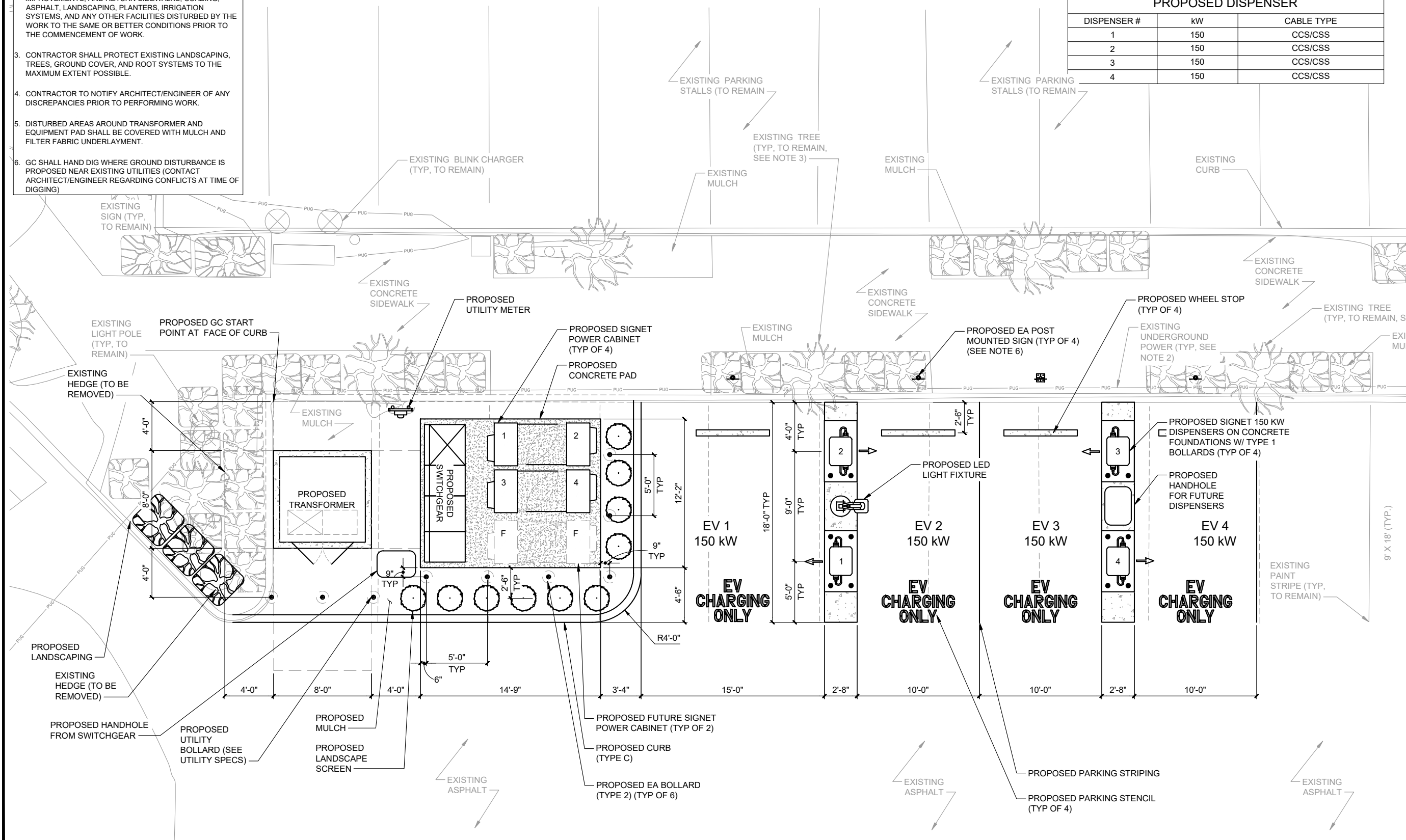
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A-2 DEMOLITION PLAN
22" x 34" SCALE: 3/16" = 1'-0" 11" x 17" SCALE: 3/32" = 1'-0"



- NOTES:**
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 3. CONTRACTOR SHALL PROTECT EXISTING LANDSCAPING, TREES, GROUND COVER, AND ROOT SYSTEMS TO THE MAXIMUM EXTENT POSSIBLE.
 4. CONTRACTOR TO NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO PERFORMING WORK.
 5. DISTURBED AREAS AROUND TRANSFORMER AND EQUIPMENT PAD SHALL BE COVERED WITH MULCH AND FILTER FABRIC UNDERLAYMENT.
 6. GC SHALL HAND DIG WHERE GROUND DISTURBANCE IS PROPOSED NEAR EXISTING UTILITIES (CONTACT ARCHITECT/ENGINEER REGARDING CONFLICTS AT TIME OF DIGGING)

PROJECT AREA STALL COUNT	
EXISTING STALL COUNT	9
PROPOSED STALL COUNT	4
HOST APPROVED STALL COUNT	11

PROPOSED DISPENSER		
DISPENSER #	kW	CABLE TYPE
1	150	CCS/CSS
2	150	CCS/CSS
3	150	CCS/CSS
4	150	CCS/CSS



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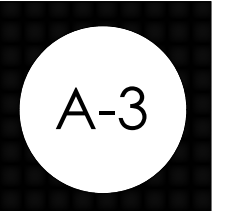
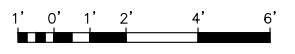
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SHEET TITLE
PROPOSED LAYOUT

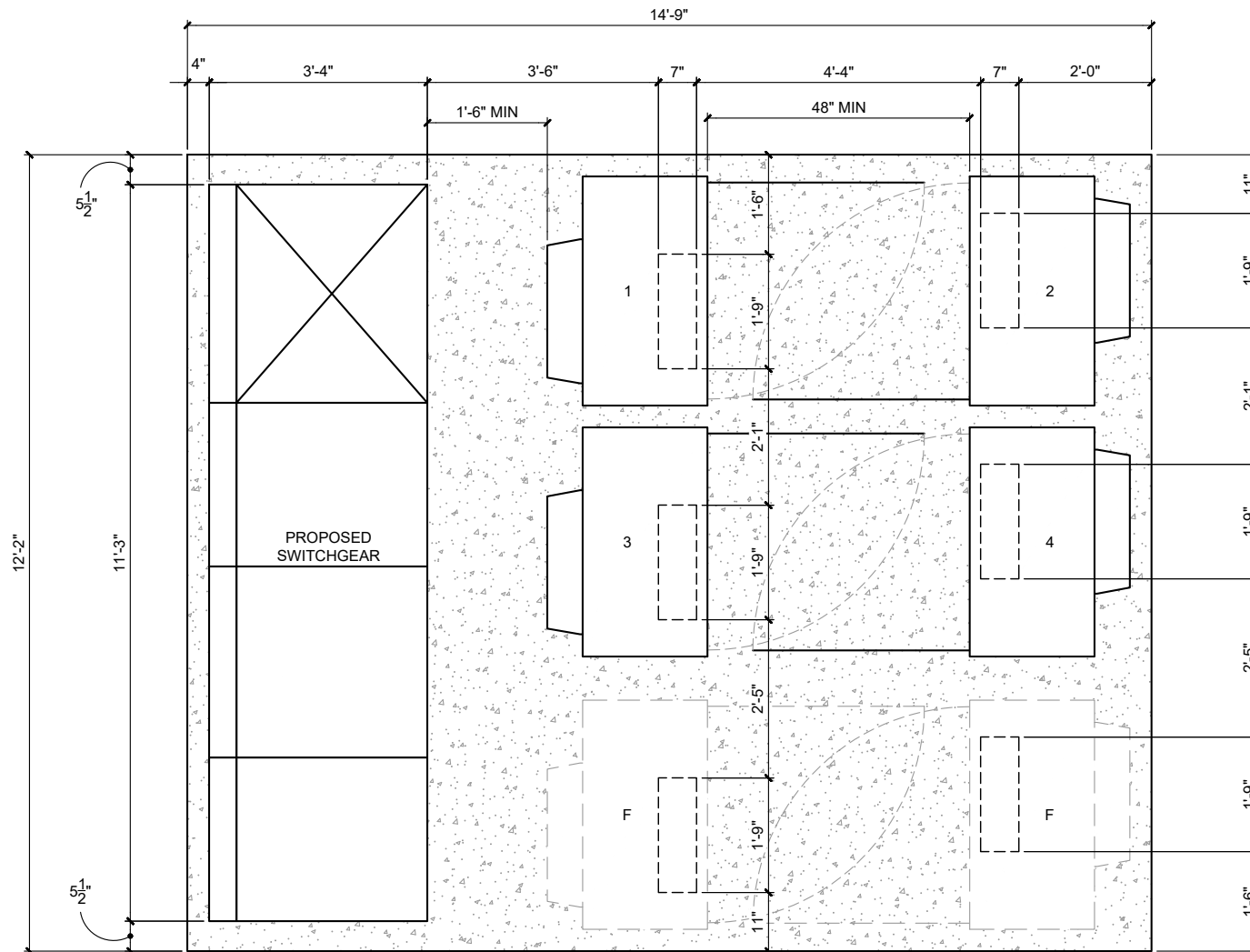
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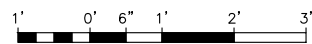
1 PROPOSED LAYOUT
A-3 22" x 34" SCALE: 1/4" = 1'-0" 11" x 17" SCALE: 1/8" = 1'-0"



NOTES:
 1. CONDUIT STUBS FOR FUTURE EQUIPMENT SHALL BE CAPPED AND COVERED WITH DIAMOND PLATE FLUSH WITH TOP OF PAD



1 EQUIPMENT PAD LAYOUT
 A-4 22" x 34" SCALE: 3/4" = 1'-0" 11" x 17" SCALE: 3/8" = 1'-0"



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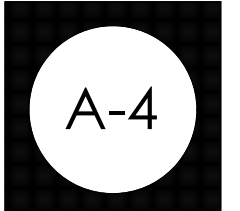
REGISTERED ARCHITECT
 RICHARD B. HALL
 SEATTLE, WA 98108
 STATE OF OREGON
 EXPIRES: 12-31-22
Richard B. Hall

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SHEET TITLE
 EQUIPMENT PAD
 LAYOUT

REV	DATE	DESCRIPTION
1	6-23-21	S&S

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NOTES:
 1. ELEVATION VIEW IS FOR REVIEW REFERENCE AND NOT TO BE USED FOR CONSTRUCTION. REFER TO LAYOUTS AND DETAIL SHEETS FOR CONSTRUCTION.

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SAI

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REGISTERED ARCHITECT
 RICHARD B. HALL
 SEATTLE, WA
 5008
 STATE OF OREGON
 EXPIRES: 12-31-22
Richard B. Hall

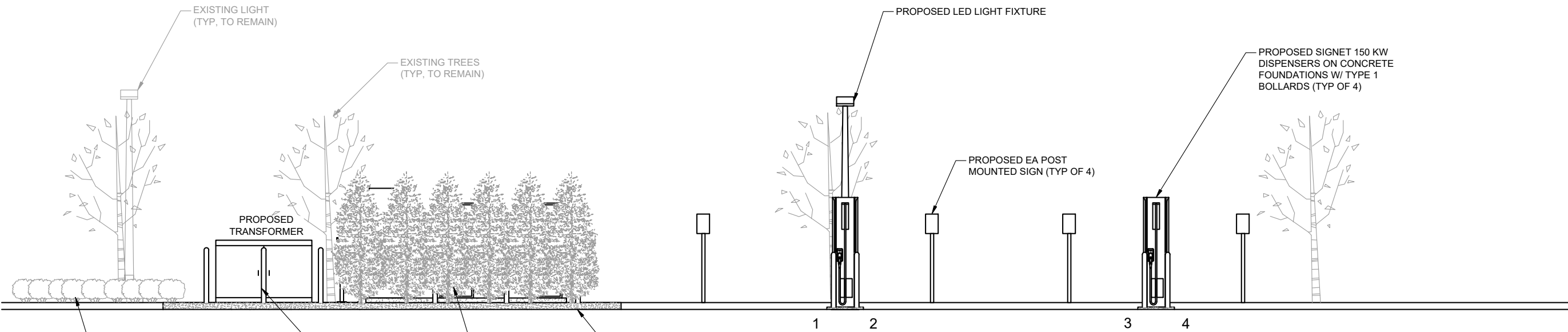
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SHEET TITLE
 ELEVATION

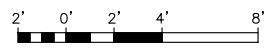
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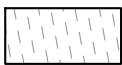
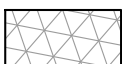
A-5

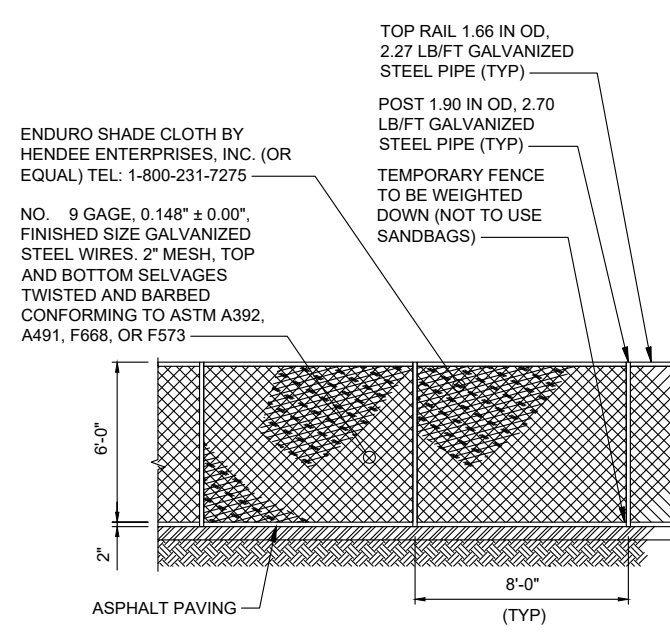
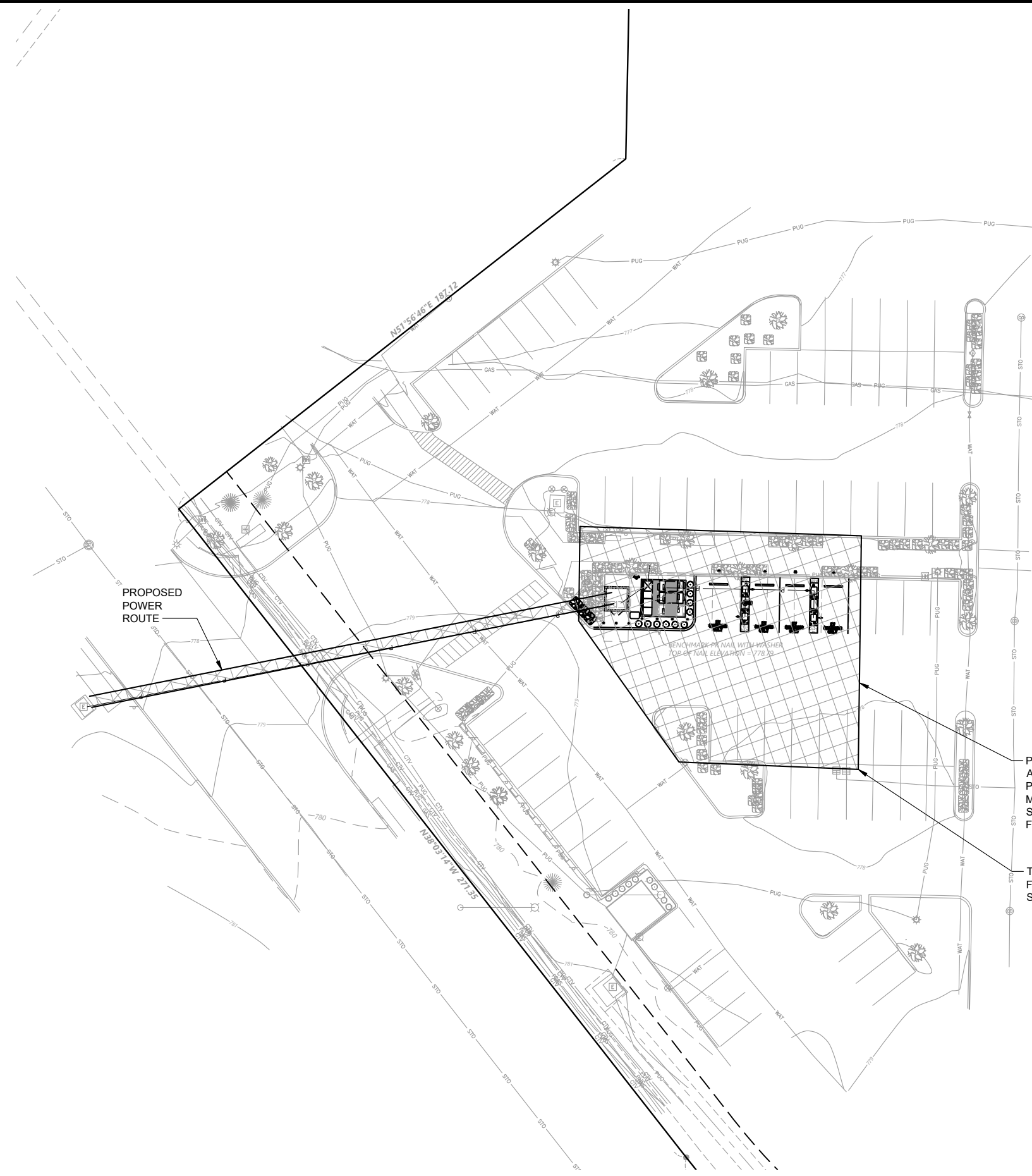


1 ELEVATION
 A-5 22" x 34" SCALE: 1/4" = 1'-0" 11" x 17" SCALE: 1/8" = 1'-0"



LEGEND

	WORK/STAGING AREA
	DRIVE AISLE CLOSURE
	UTILITY LINE TO BE BORED
	UTILITY LINE TO BE TRENCHED



PROPOSED STAGING AREA. AREA TO BE CONFIRMED AT PRE-CONSTRUCTION SITE MEETING. STAGING AREA TO BE SURROUNDED BY TEMPORARY FENCE DURING CONSTRUCTION

TEMPORARY ENCLOSED FENCED CONSTRUCTION AND STAGING AREAS AS SHOWN



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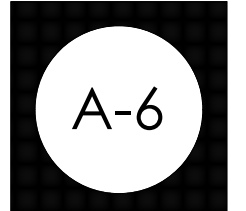
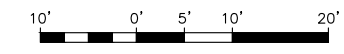
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STAGING PLAN

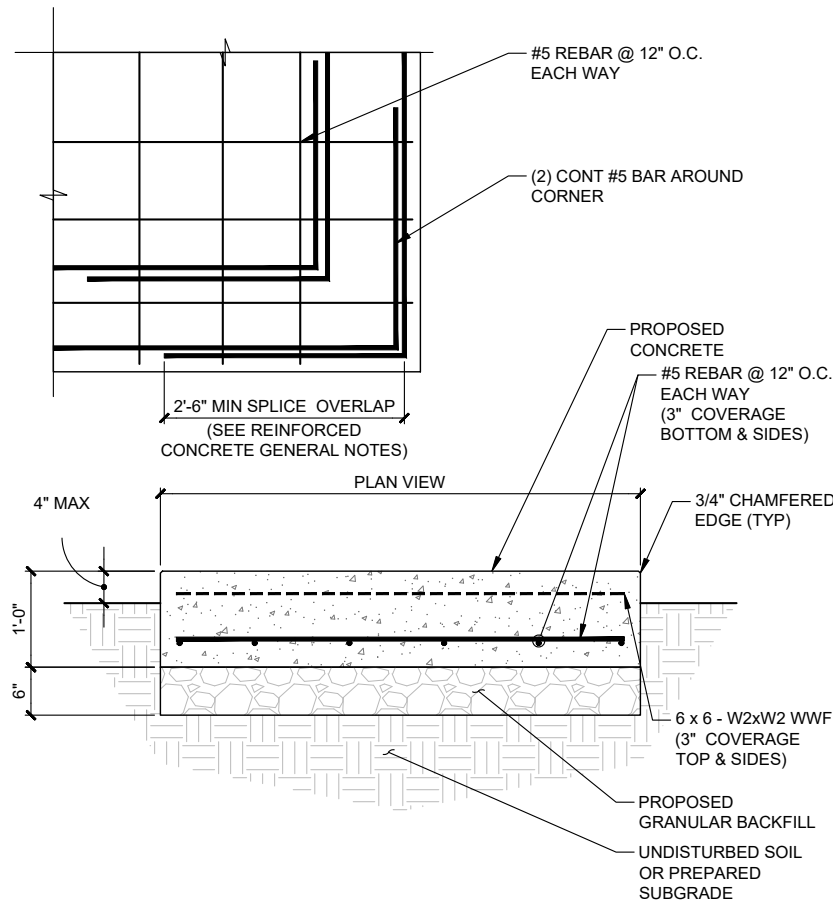
REV	DATE	DESCRIPTION
1	6-23-21	S&S

PROJECT NUMBER: 210524
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1 TEMPORARY FENCE DETAIL
SCALE: N.T.S.

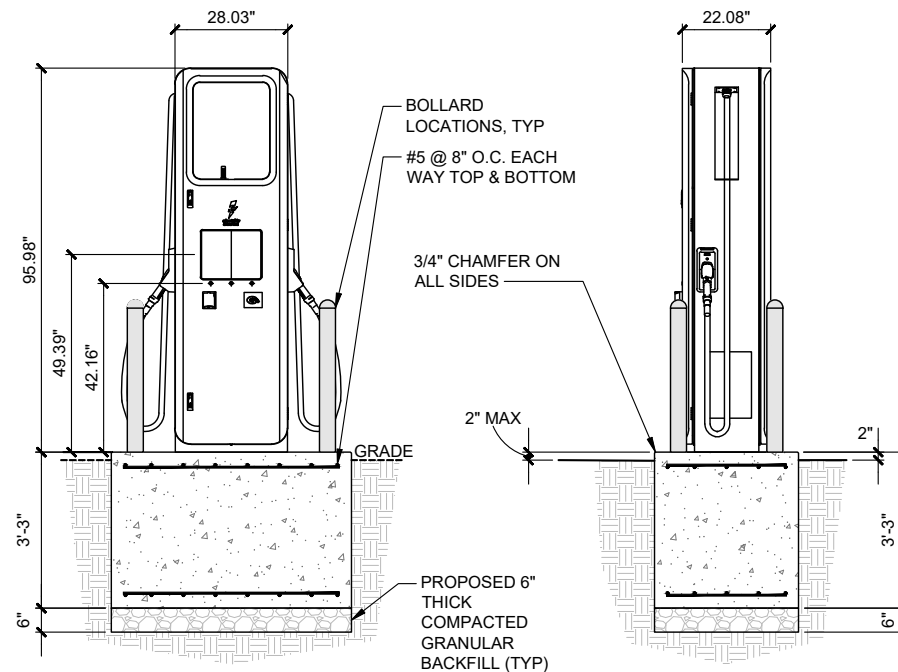
1 STAGING PLAN
22" x 34" SCALE: 1" = 20' 11" x 17" SCALE: 1" = 40'





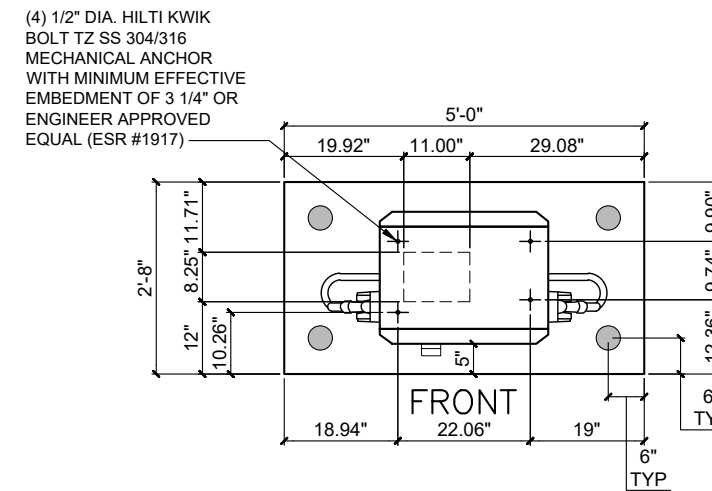
1 EQUIPMENT PAD DETAIL
 D-1 22" x 34" SCALE: 1" = 1'-0" 11" x 17" SCALE: 1/2" = 1'-0"

NOTE:
 1. OPERABLE PARTS OF DISPENSER TO FRONT OF CURB SHALL BE 10" MAX.
 2. OPERABLE PARTS OF DISPENSER SHALL NOT EXCEED 48" ABOVE PARKING SURFACE
 3. BOLLARDS ARE FOR WARNING PURPOSE ONLY.



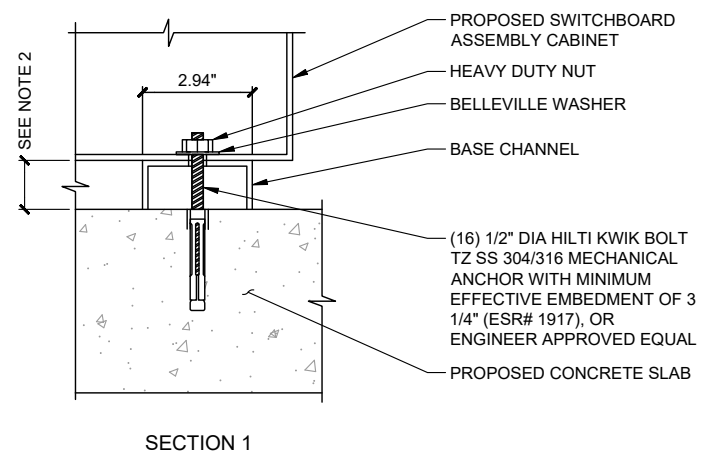
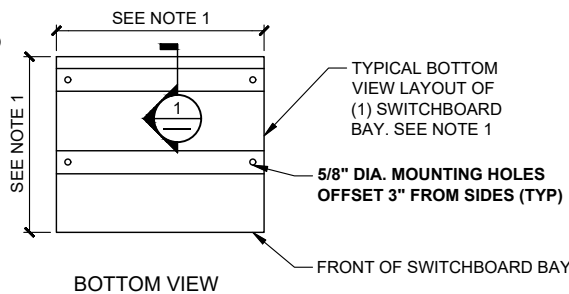
2 DISPENSER PAD SECTION/ELEVATION DETAIL
 D-1 22" x 34" SCALE: 1/2" = 1'-0" 11" x 17" SCALE: 1/4" = 1'-0"

NOTE:
 1. MINIMUM CONCRETE EDGE DISTANCE FOR PROPOSED ANCHORS SHALL BE 6".
 2. MINIMUM CLEAR SPACING BETWEEN ANCHOR AND CONDUIT SHALL BE 3 INCHES.
 3. CONTRACTOR TO FIELD VERIFY THE ANCHOR SPACING PER MANUFACTURER'S INSTALLATION MANUAL.

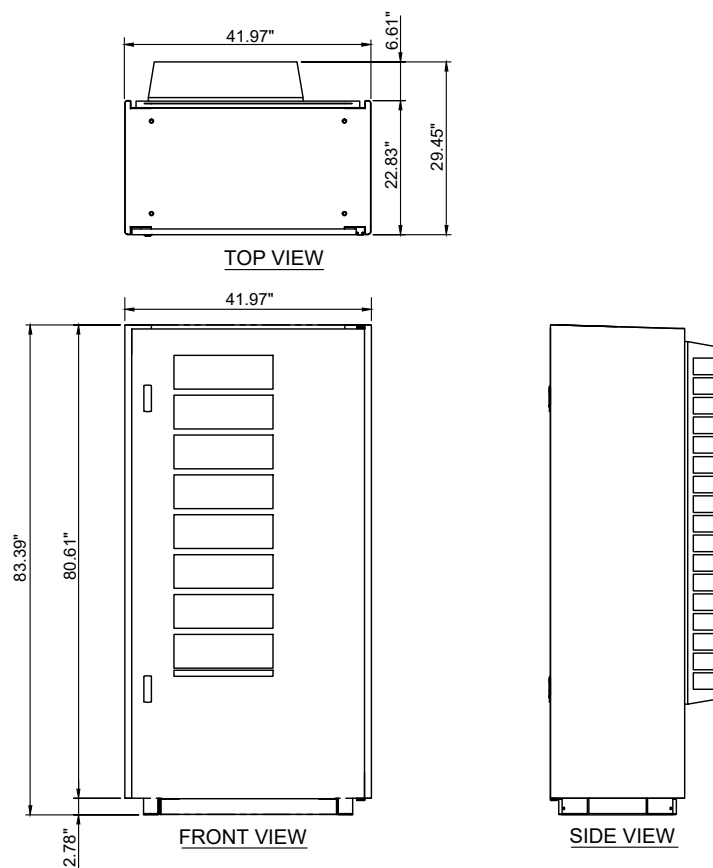


3 DISPENSER ANCHORAGE AND CONDUIT ENTRY DETAIL
 D-1 SCALE: N.T.S.

NOTES:
 1. SEE FLOOR PLAN IN REFERENCED SWITCHBOARD ASSEMBLY DRAWINGS FOR MOUNTING HOLE LOCATION AND SWITCHBOARD BAY DIMENSIONS.
 2. SEE ELEVATION IN REFERENCED SWITCHBOARD ASSEMBLY DRAWINGS FOR BASE CHANNEL DIMENSION.
 3. MINIMUM 10 1/2" CONCRETE EDGE DISTANCE REQUIRED FOR PROPOSED ANCHORAGE.
 4. CONTRACTOR TO MOUNT THE KEYSAFE BOX ON THE SWITCHGEAR WHEN THERE IS NO FENCE

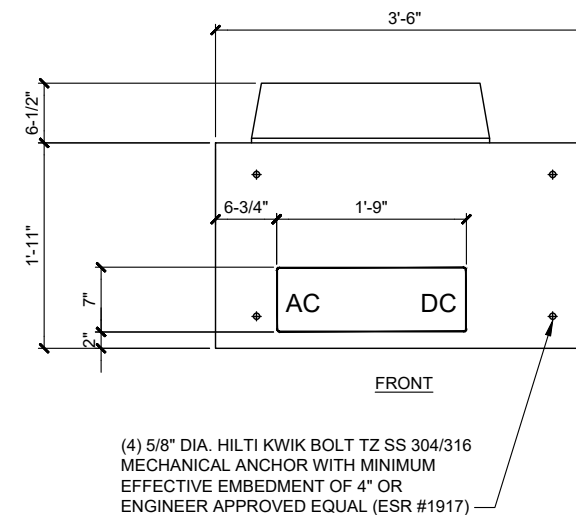


4 SWITCHGEAR MOUNTING DETAIL
 D-1 22" x 34" SCALE: 1/2" = 1'-0" 11" x 17" SCALE: 1/4" = 1'-0"

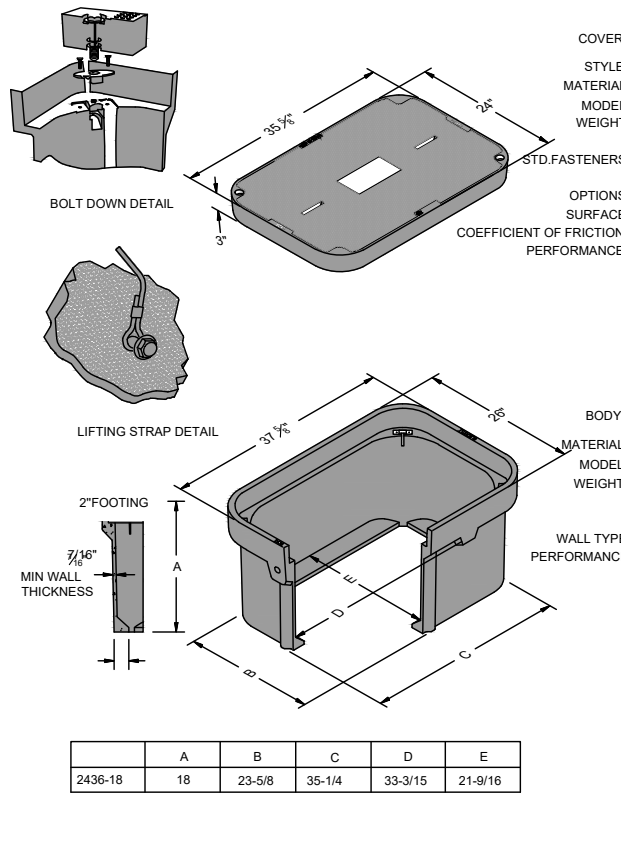


5 POWER UNIT DETAIL
 D-1 SCALE: N.T.S.

NOTES:
 1. MINIMUM CONCRETE EDGE DISTANCE FOR PROPOSED ANCHORS SHALL BE 6".
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 3. CONTRACTOR TO FIELD VERIFY THE ANCHOR SPACING PER MANUFACTURER'S INSTALLATION MANUAL.

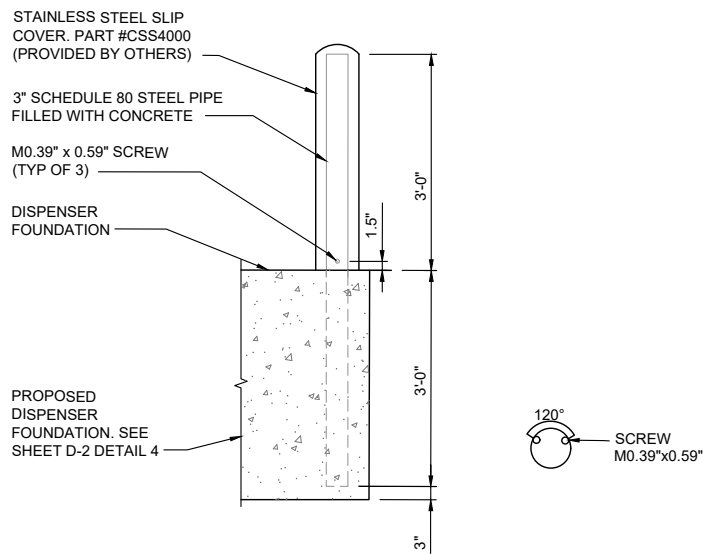


6 POWER UNIT ANCHORAGE AND CONDUIT ENTRY DETAIL
 D-1 SCALE: N.T.S.



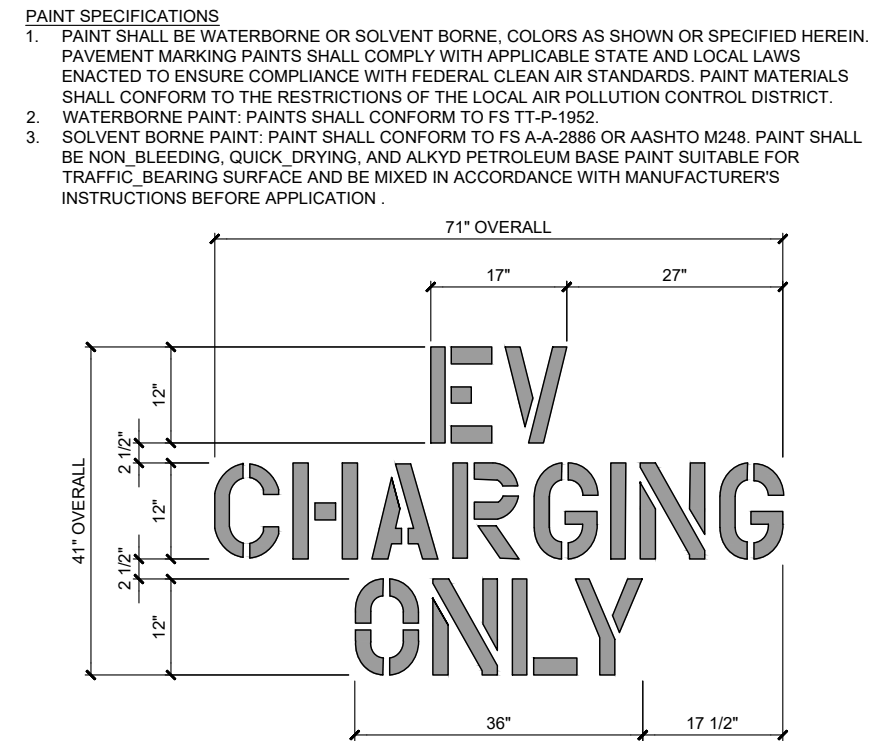
1 HANDHOLE DETAIL
 D-2 22" x 34" SCALE: 3/16" = 1'-0" 11" x 17" SCALE: 3/32" = 1'-0"

- NOTES:**
- BOLLARD IS FOR WARNING PURPOSES ONLY.
 - BOLLARD DETAIL FOR BOLLARDS AROUND ELECTRIFY AMERICA EQUIPMENT.
 - CONTRACTOR TO PROVIDE (2) 6' LONG, 1/2" THICK FOAM STRIPS CROSSED OVER TOP OF STEEL PIPE TO STABILIZE SLIP COVER.



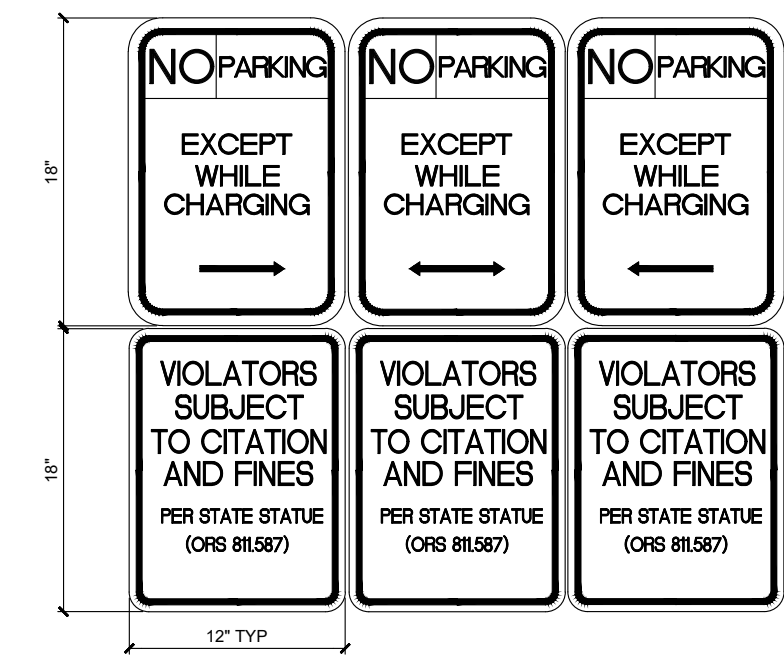
2 DISPENSER BOLLARD (TYPE 1) DETAIL
 D-2 22" x 34" SCALE: 3/4" = 1'-0" 11" x 17" SCALE: 3/8" = 1'-0"

- NOTES**
- BOTTOM OF STENCIL TO BE PLACED AT THE LEADING EDGE OF THE PARKING STALL
 - STENCIL TO FIT WITHIN DIMENSIONS SHOWN
 - PAVEMENT MARKING TO BE PAINTED WHITE
 - STENCIL TO BE CENTERED LATERALLY WITHIN PARKING STALL



3 EV PAVEMENT MARKING DETAIL
 D-2 22" x 34" SCALE: 1" = 1'-0" 11" x 17" SCALE: 1/2" = 1'-0"

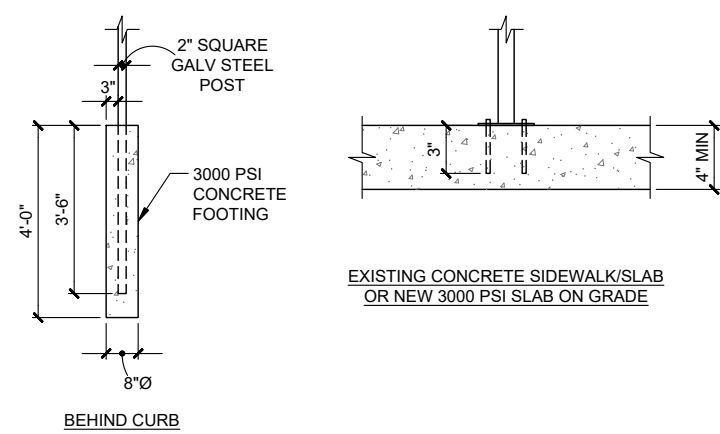
- NOTES**
- BOTTOM OF LOWEST SIGN SHALL BE INSTALLED 66" ABOVE GRADE.
 - TO CONFORM WITH MUTCD SIGNS R-113, R-111-L AND R-111-R.
 - SIGNS ARE TO HAVE A WHITE RETROREFLECTIVE BACKGROUND WITH RED RETROREFLECTIVE LETTERS, ARROW, AND BORDER
 - APPLICABLE PER STATE OF OREGON.



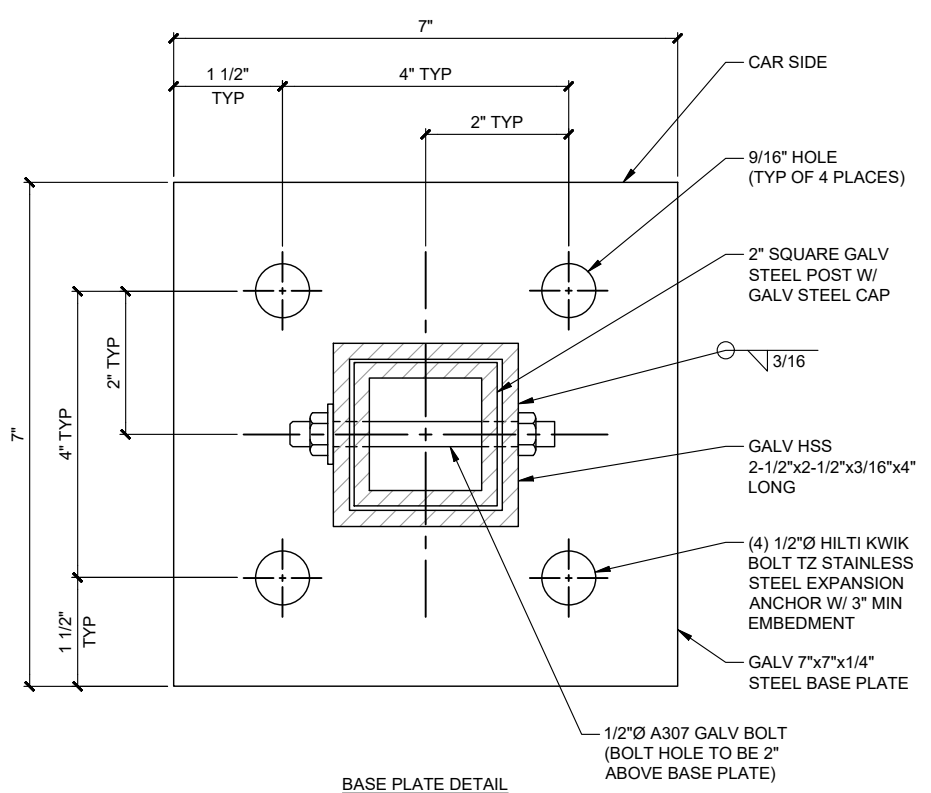
4 NO PARKING DETAIL
 D-2 22" x 34" SCALE: 3" = 1'-0" 11" x 17" SCALE: 1 1/2" = 1'-0"

- NOTES:**
- CONTRACTOR TO SELECT CONCRETE FOOTING OR BOLT DOWN BASED ON EXISTING CONDITIONS.
 - SEE PROPOSED LAYOUT SHEET FOR PLACEMENT.
 - BOTTOM OF LOWEST SIGN TO BE INSTALLED 66" ABOVE GRADE.
 - ADDITIONAL PARKING SIGNS TO BE INSTALLED 2" ABOVE TOP OF SIGN SPECIFIED IN NOTE #3.
 - SIGN, SIGN POST, AND SIGN FASTENERS TO BE PROVIDED BY CONTRACTOR (CONTRACTOR TO PROVIDE SIGN POST FASTENERS IF REQUIRED AND PAINTED TO MATCH).
 - IF PAINT FINISH IS DAMAGED DURING INSTALLATION, CONTRACTOR SHALL REPAINT AS REQUIRED.
 - CONTRACTOR SHALL COORDINATE WITH CITY WHEN SPECIAL JURISDICTIONAL/CITY REQUESTS ARE NECESSARY FOR ANY SIGN POST INSTALLATION, I.E. POST MATERIAL, PAINT COLORS, HARDWARE, ETC. CONTRACTOR IS RESPONSIBLE FOR ENSURING CITY APPROVES ALL MATERIALS PRIOR TO INSTALLATION.

- BOLT DOWN BASE PLATE NOTES:**
- CONTRACTOR TO PROVIDE AND INSTALL SIGN POST, BASE PLATE ASSEMBLY, EXPANSION ANCHORS, AND 1/2"Ø A307 BOLT.
 - BASE PLATE ASSEMBLY TO BE HOT DIPPED GALVANIZED. PAINT TO MATCH SIGN POST.
 - PROVIDE 1/4"Ø DRAIN HOLE TO PREVENT WATER FROM COLLECTING IN HSS.



5 SIGNAGE POST INSTALLATION DETAIL
 D-2 22" x 34" SCALE: 1/4" = 1'-0" 11" x 17" SCALE: 1/8" = 1'-0"



BASE PLATE DETAIL

electrify america

ELECTRIFY AMERICA, LLC
 2003 EDMUND HALLEY DRIVE
 SUITE 200
 RESTON, VA 20191

SAI

12 INDUSTRIAL WAY
 SALEM, NEW HAMPSHIRE 03079

LDC Surveying
 Engineering
 Planning

Woodville, WA 98072
 1855 Central Pt S, #101
 Kent, WA 98032
 F 425.806.1800 www.LDCcorp.com F 425.482.2811

REGISTERED ARCHITECT
 RICHARD B. HALL
 SEATTLE, WA 98108
 STATE OF OREGON

EXPRES: 12-31-22
Richard B. Hall

JOB NAME
 210524
 FRED MEYER 663
 16625 SE 362nd Dr,
 SANDY, OR 97055

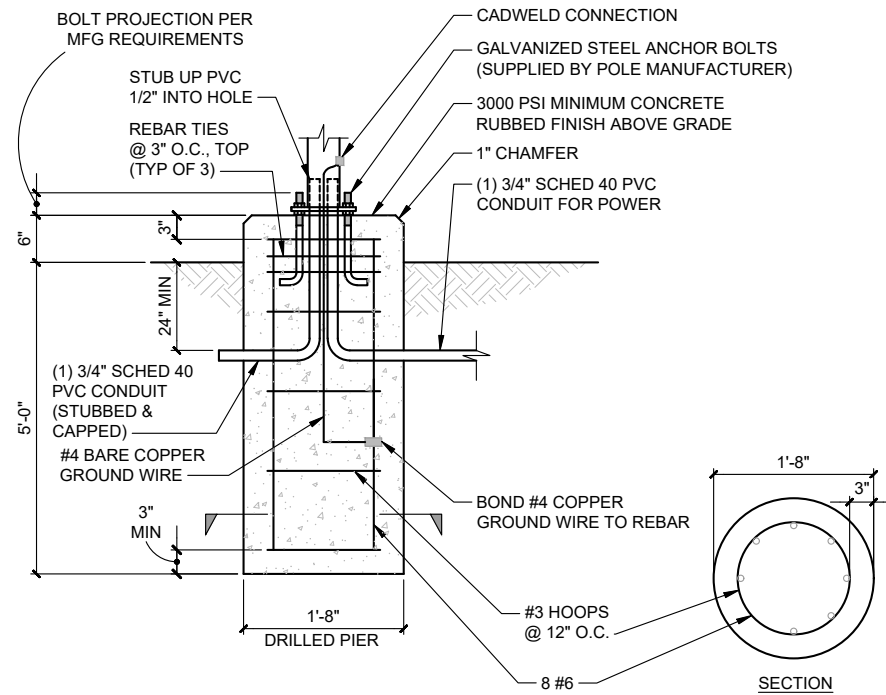
SHEET TITLE
 CONSTRUCTION
 DETAILS

1	6-23-21	S&S
REV	DATE	DESCRIPTION

PROJECT NUMBER: 210524
 DRAWN BY: MAZ
 CHECKED BY: RBH

D-2

- NOTES:**
1. GENERIC LOADING: V= 115 MPH. EXP C. K.ZT =1.3.
 2. 20' POLE MAX 6" ABOVE GRADE MAX WITH 4" MAX ROUND POLE. MAX WEIGHT OF POLE AND LIGHT: 160 LBS MAX EPA OF LIGHT FIXTURE: 1.7 SF.
 3. LIGHT POLE AND ANCHORAGE DESIGNED AND PROVIDED BY OTHERS.

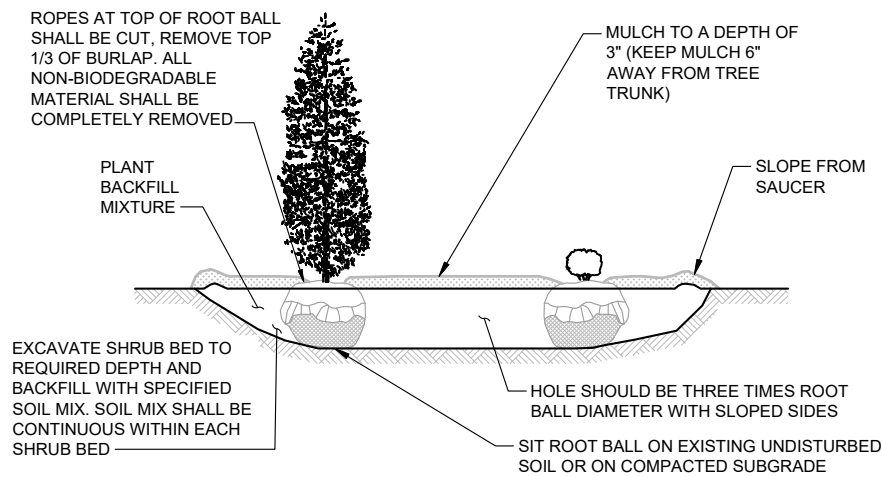


1 LIGHT FOUNDATION DETAIL

D-3 SCALE: N.T.S.

TREE PLANTING NOTES:

1. SITUATE SO THAT TOP OF ROOT BALL IS 2" ABOVE FINISHED GRADE.
2. SCARIFY SIDES AND BOTTOM OF TREE PIT
3. BACKFILL TREE PIT WITH EXISTING SOIL AND WATER UNTIL NO MORE WATER IS ABSORBED.
4. DO NOT ALLOW AIR POCKETS TO FORM WHILE BACKFILLING
5. INSTALL A MIN. 4'-0" DIAMETER MULCH RING AT A MIN. DEPTH OF 3" FOR TREES IN LAWN AREA
6. TREES NEED TO BE STAKED ONLY WHEN EXTREME WIND MAKES SUCH SUPPORT NECESSARY. IF STAKING IS NECESSARY CONTACT THIS OFFICE AND A DETAIL WILL BE PROVIDED.



PLANTING SCHEDULE				
QTY	BOTANICAL NAME	COMMON NAME	SIZE AT PLANTING	SPACING
10	THUJA OCCIDENTALIS	EMERALD GREEN ARBORVITAE	6" TALL @ PLANTING	36" OC
3	BUXUS X	GREEN MOUNTAIN BOXWOOD	24" TALL @ PLANTING	36" OC

4 LANDSCAPING DETAIL

D-3 22" x 34" SCALE: 3/16" = 1'-0" 11" x 17" SCALE: 3/32" = 1'-0"

SPECIFICATIONS

EPA: 0.7 FT² (0.07MP)
 LENGTH: 25" (64CM)
 WIDTH: 13-1/4" (34CM)
 HEIGHT: 7-3/4" (20CM)
 WEIGHT (MAX): 26 LBS (11.8KG)

FIXTURE:	LTH KAX1 LED P1 40K R3 MVOLT RPA PER DBLXD
POLE:	RSS 15 4-5B DM19AS FDL11-6B DBLXD
PHOTOCELL:	DLL 127F 1.5 JU

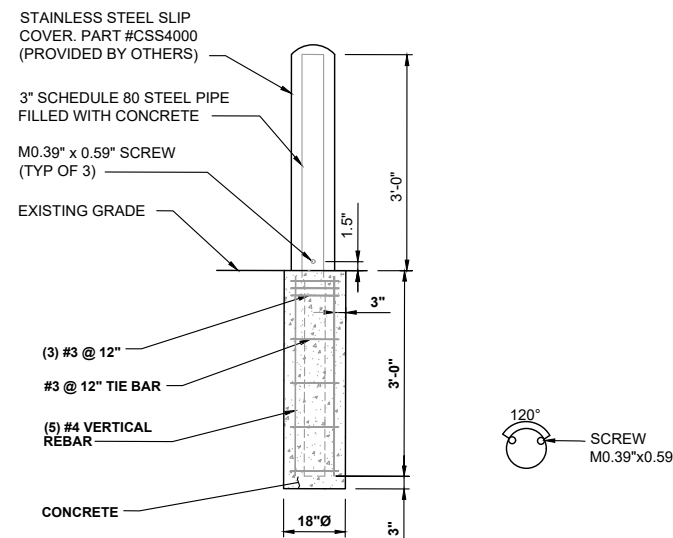
- NOTES:**
1. FIXTURE TO BE LED, FULL CUT-OFF, SINGLE FIXTURE AS MANUFACTURED BY LITHONIA LIGHTING.
 2. POLE TO BE 15 FOOT, ROUND STRAIGHT STEEL AS MANUFACTURED BY LITHONIA LIGHTING.
 3. PHOTOCELL TO BE DLL ELITE AS MANUFACTURED BY ACUITY CONTROLS.
 4. FIXTURE AND POLE COLOR BLACK.

2 LIGHTING FIXTURE, POST, PHOTOCELL DETAIL

D-3 SCALE: N.T.S.

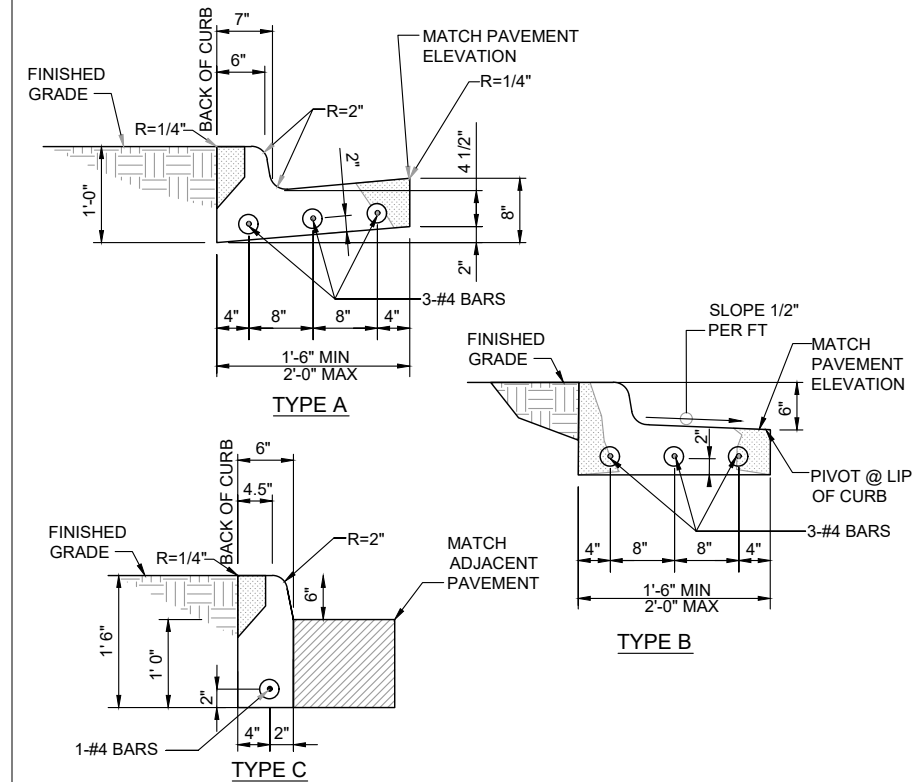
NOTES:

1. BOLLARD IS FOR WARNING PURPOSES ONLY.
2. BOLLARD DETAIL FOR BOLLARDS AROUND ELECTRIFY AMERICA EQUIPMENT.
3. CONTRACTOR TO PROVIDE (2) 6' LONG, 1/2" THICK FOAM STRIPS CROSSED OVER TOP OF STEEL PIPE TO STABILIZE SLIP COVER.



5 BOLLARD (TYPE 2) DETAIL

D-3 22" x 34" SCALE: 3/4" = 1'-0" 11" x 17" SCALE: 3/8" = 1'-0"



NOTE

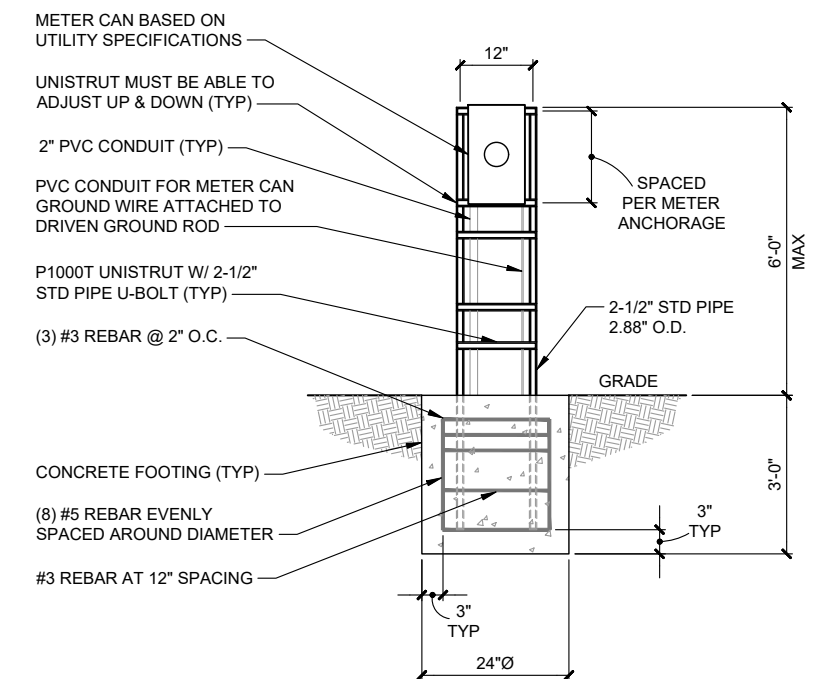
1. 1/2" PRE MOLDED EXPANSION JOINTS SHALL BE PLACED AT POINTS OF CURVATURE, CURB RETURNS, CURB INLETS, AND AT 250' CENTERS. CONTRACTION JOINTS SHALL BE 2" DEEP, 3/16" WIDE, AND PLACED AT 15' INTERVALS EQUALLY SPACED BETWEEN EXPANSION JOINTS.

3 CONCRETE CURB DETAIL

D-3 22" x 34" SCALE: 1" = 1'-0" 11" x 17" SCALE: 1/2" = 1'-0"

STANDALONE CUSTOMER PROVIDED TUV INSTRUMENT RATED METER CAN ON UNISTRUT SUPPORT

- NOTE:**
1. GENERIC LOADING: V=115 MPH, EXP C, KZ=0.85, SS=3.73g, SITE CLASS=D, SDS=2.64, (2) 1-1/4" CONDUIT, METER MAX WIND AREA = 540 SQ IN.

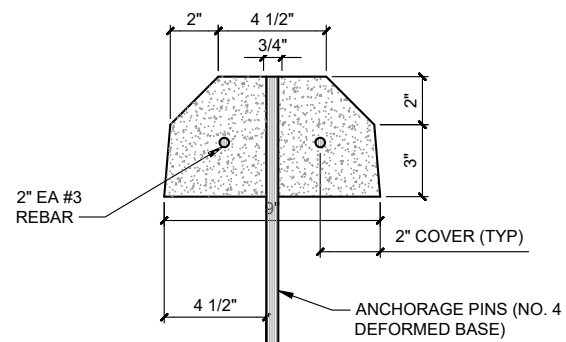


6 METER H-FRAME DETAIL

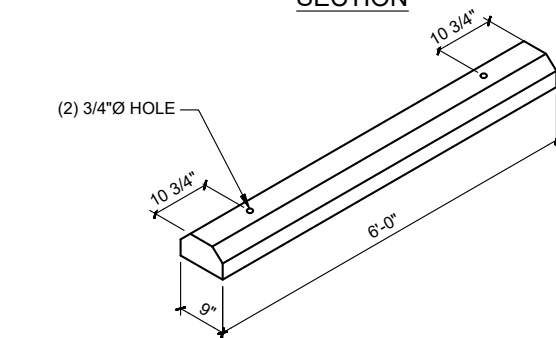
D-3 SCALE: N.T.S.

REV	DATE	DESCRIPTION
1	6-23-21	S&S

REV	DATE	DESCRIPTION
1	6-23-21	S&S



SECTION



3-D VIEW

- NOTE:
1. REBAR AMERICAN GRADE 60 SIZE #3
 2. 3,000 PSI CONCRETE OR GREATER

1
D-4 WHEEL STOP DETAIL
22" x 34" SCALE: 1" = 1'-0" 11" x 17" SCALE: 1/2" = 1'-0"

2
D-4 NOT USED
SCALE: N.T.S.

3
D-4 NOT USED
SCALE: N.T.S.

4
D-4 NOT USED
SCALE: N.T.S.

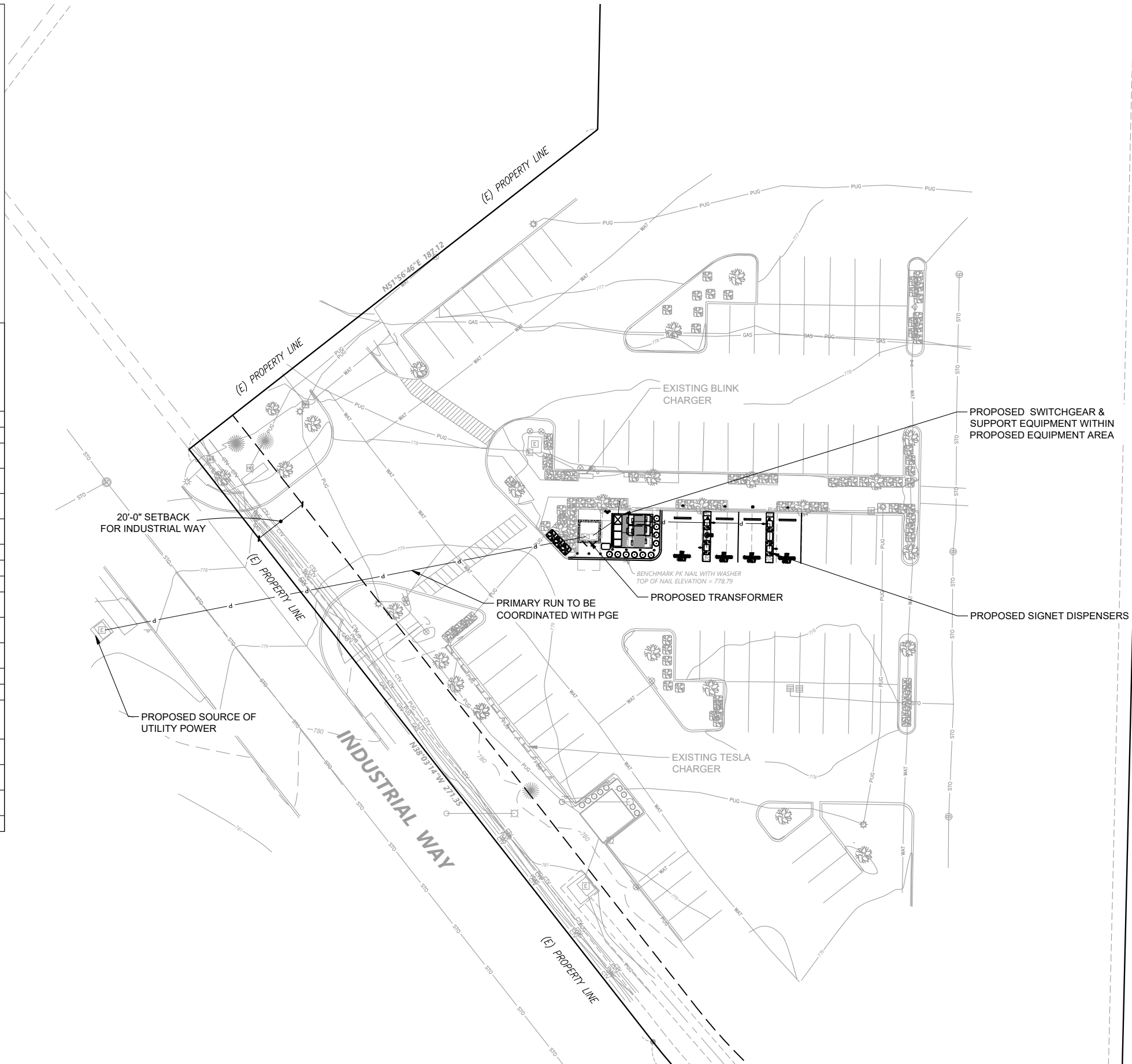
5
D-4 NOT USED
SCALE: N.T.S.

6
D-4 NOT USED
SCALE: N.T.S.

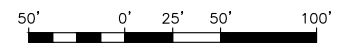
NOTES:

1. ALL ELECTRICAL WORK AND RELATED ACTIVITIES ON-SITE SHALL BE PERFORMED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) STANDARDS AND ENFORCED BY ALL APPLICABLE JURISDICTIONAL REQUIREMENTS AT THE TIME OF CONSTRUCTION.
2. ALL ALUMINUM CONDUCTORS TO RECEIVE ANTI-OXIDATIVE COATING DURING INSTALLATION.
3. ALL PVC CONDUIT SHALL HAVE BELL-ENDS AND SEALED WITH DUCT SEAL.
4. ALL TERMINATION LUGS SHALL BE CRIMPED WITH APPROVED LUG CRIMPER WITH UL CERTIFICATION.
5. UTILITY EQUIPMENT , PREP WORK, INSTALLATION, AND SCOPE OF WORK RESPONSIBILITIES SHALL BE COORDINATED WITH UTILITY ENGINEER AT TIME OF PRECONSTRUCTION MEETING OR BEFORE THE COMMENCEMENT OF CONSTRUCTION.
6. TRANSFORMER BOLLARD PROTECTION TO BE INSTALLED PER UTILITY SPECIFICATIONS. EXACT QUANTITY, LOCATION, AND SPACING MAY BE AT THE DISCRETION OF THE UTILITY FIELD ENGINEER/INSPECTOR.
7. CONTRACTOR TO COORDINATE EXACT LOCATION OF H-FRAME MOUNTED METER WITH UTILITY COMPANY.

	PROVIDED BY	INSTALLED BY	NOTES
BORE – PRIMARY			
TRENCH – PRIMARY			
CONDUITS – PRIMARY			
CONDUCTORS – PRIMARY			
UTILITY POLE RISER CONDUITS			
PULL BOXES			
TRANSFORMER VAULT / PAD			
TERMINATIONS – PRIMARY			
TERMINATIONS – SECONDARY			
TRANSFORMER BOLLARDS			
METER			
METER MOUNT			
CURRENT TRANSFORMERS (CTS)			
TRENCH – SECONDARY			
CONDUITS – SECONDARY			
CONDUCTORS – SECONDARY			



1 UTILITY PLAN
E-1 22' x 34" SCALE: 1" = 20' 11" x 17" SCALE: 1" = 40'



ELECTRIFY AMERICA, LLC
2003 EDMUND HALLEY DRIVE
SUITE 200
RESTON, VA 20191



12 INDUSTRIAL WAY
SALEM, NEW HAMPSHIRE 03079

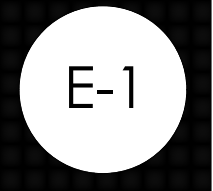


JOB NAME
210524
FRED MEYER 663
16625 SE 362nd Dr,
SANDY, OR 97055

SHEET TITLE
UTILITY PLAN

REV	DATE	DESCRIPTION
1	6-23-21	S&S

PROJECT NUMBER: 210524
DRAWN BY: MAZ
CHECKED BY: RBH



NOTES:

1. CONDUCTOR LENGTHS ARE ESTIMATES ONLY. LENGTHS ARE BASED ON DIAGRAMMATICAL MEASUREMENTS AND APPROXIMATED BURIED DEPTHS. THE EXACT ROUTING PATH AND CONDUCTOR RUN LENGTHS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD BASED ON PHYSICAL MEASUREMENTS. CONTRACTOR TO ORDER CONDUCTORS BASED ON FIELD MEASUREMENTS.
2. ALL ELECTRICAL WORK AND RELATED ACTIVITIES ON-SITE SHALL BE PERFORMED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) STANDARDS AND ENFORCED BY ALL APPLICABLE JURISDICTIONAL REQUIREMENTS AT THE TIME OF CONSTRUCTION.
3. ALL ALUMINUM CONDUCTORS TO RECEIVE ANTI-OXIDATIVE COATING DURING INSTALLATION.
4. ALL PVC CONDUIT SHALL HAVE BELL-ENDS AND SEALED WITH DUCT SEAL.
5. ALL TERMINATION LUGS SHALL BE CRIMPED WITH APPROVED LUG CRIMPER WITH UL CERTIFICATION.
6. UTILITY EQUIPMENT, PREP WORK, INSTALLATION, AND SCOPE OF WORK RESPONSIBILITIES SHALL BE COORDINATED WITH UTILITY ENGINEER AT TIME OF PRECONSTRUCTION MEETING OR BEFORE THE COMMENCEMENT OF CONSTRUCTION.
7. TRANSFORMER BOLLARD PROTECTION TO BE INSTALLED PER UTILITY SPECIFICATIONS. EXACT QUANTITY, LOCATION, AND SPACING MAY BE AT THE DISCRETION OF THE UTILITY FIELD ENGINEER/INSPECTOR.
8. CONTRACTOR TO COORDINATE EXACT LOCATION OF H-FRAME MOUNTED METER WITH UTILITY COMPANY.
9. LANDSCAPING NOT SHOWN FOR CLARITY.
10. REFER TO E-3 FOR CONDUIT AND WIRING SCHEDULE AS REFERENCED BY #

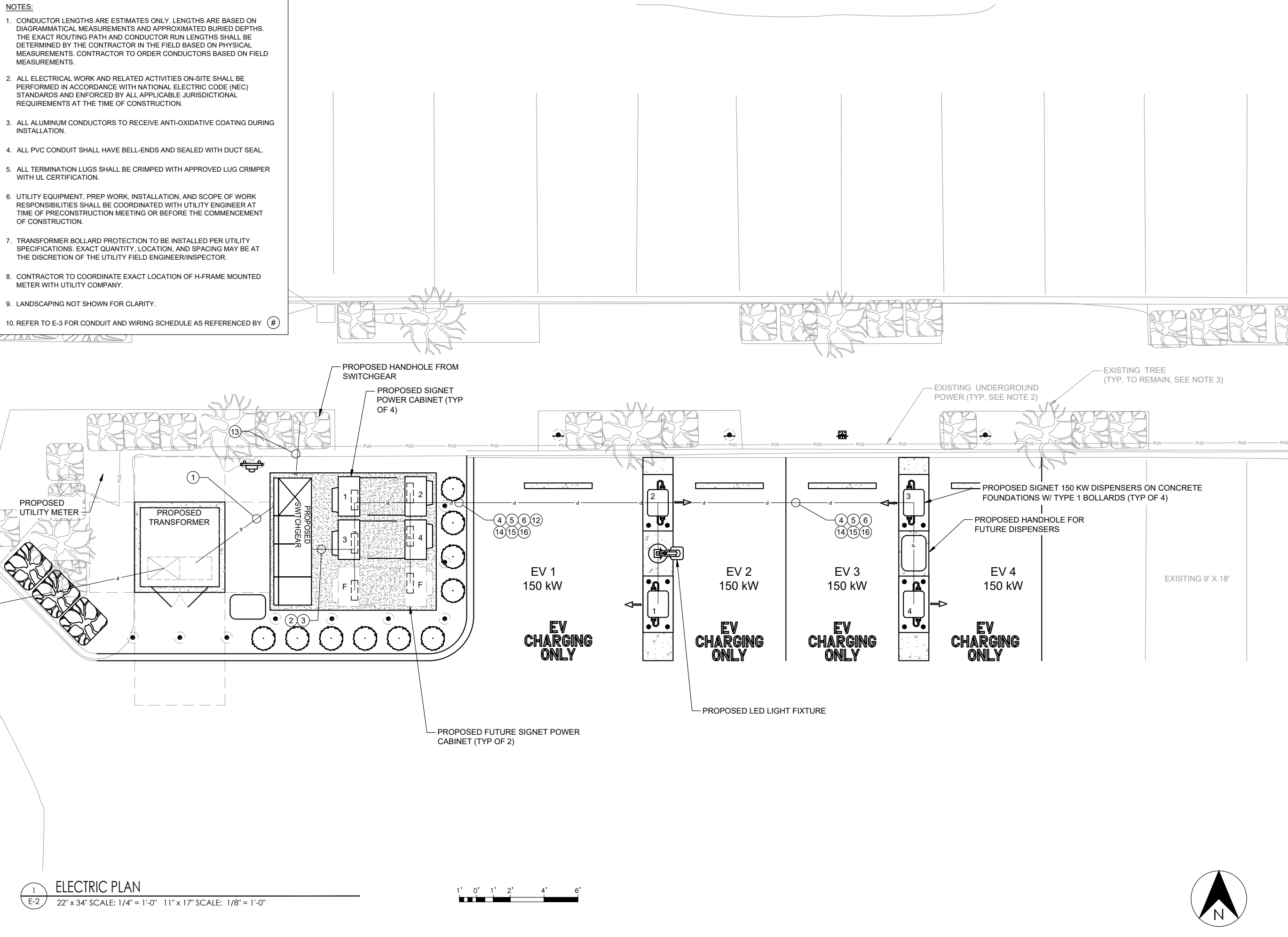
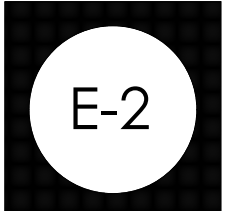


JOB NAME
210524
FRED MEYER 663
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SANDY, OR 97055

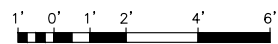
SHEET TITLE
ELECTRIC PLAN

REV	DATE	DESCRIPTION
1	6-23-21	S&S

PROJECT NUMBER: 210524
DRAWN BY: MAZ
CHECKED BY: RBH



1 ELECTRIC PLAN
E-2 22" x 34" SCALE: 1/4" = 1'-0" 11" x 17" SCALE: 1/8" = 1'-0"





JOB NAME
210524
FRED MEYER 663
16625 SE 362nd Dr,
SANDY, OR 97055

SHEET TITLE
ONE-LINE
DIAGRAM

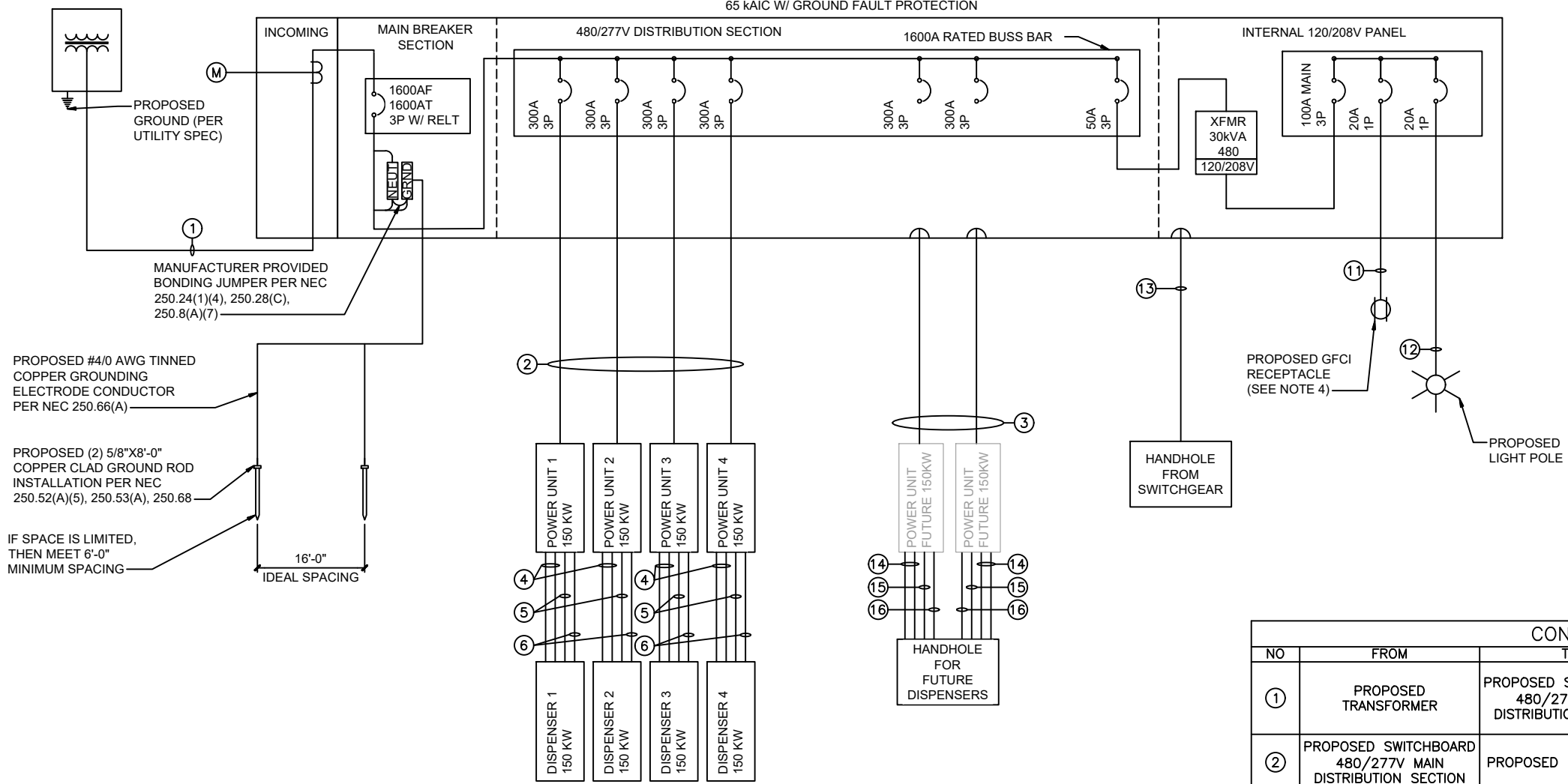
REV	DATE	DESCRIPTION
1	6-23-21	S&S

PROJECT NUMBER: 210524
DRAWN BY: MAZ
CHECKED BY: RBH



PROPOSED TRANSFORMER
480/277V 3P, 4W

1600A SWITCHGEAR, 480/277V, 3φ, 4W
65 KAIC W/ GROUND FAULT PROTECTION



PROPOSED #4/0 AWG TINNED COPPER GROUNDING ELECTRODE CONDUCTOR PER NEC 250.66(A)

PROPOSED (2) 5/8"X8'-0" COPPER CLAD GROUND ROD INSTALLATION PER NEC 250.52(A)(5), 250.53(A), 250.68

IF SPACE IS LIMITED, THEN MEET 6'-0" MINIMUM SPACING

16'-0" IDEAL SPACING

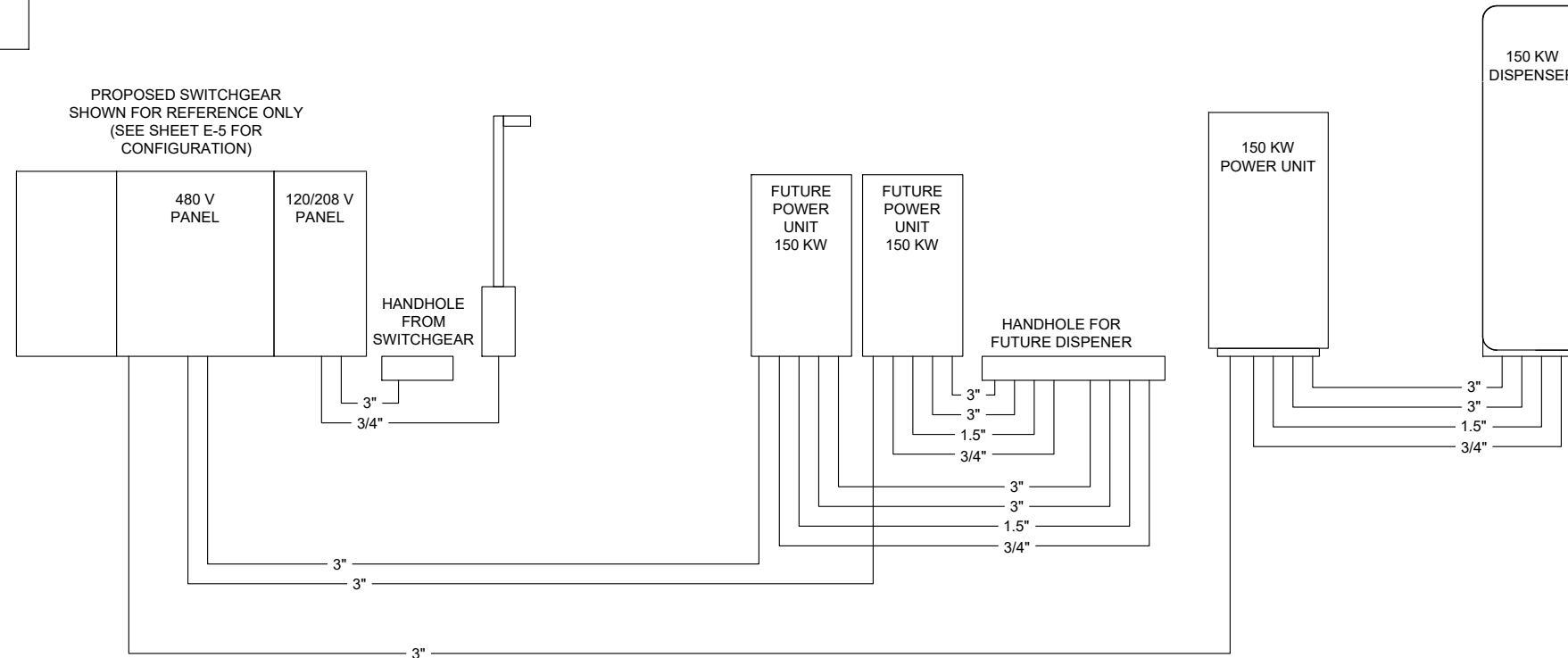
- NOTES:**
- POWER UNITS AND DISPENSERS MANUFACTURED BY SIGNET.
 - PROPOSED CTs/PTs SHALL BE LOCATED AS APPROVED BY THE UTILITY COMPANY.
 - MAIN BREAKER IS EQUIPPED WITH REDUCED ENERGY LET THROUGH (RELT) MAINTENANCE SWITCH WITH LOCAL STATUS INDICATION.
 - CONTRACTOR TO PROVIDE WEATHER PROOF "WHILE IN USE" COVER

LOAD SUMMARY			
	kVA	QTY	TOTAL kVA
POWER CABINET	150 kVA	4	600
POWER CABINET	175 kVA	0	0
FUTURE CABINET	150 kVA	2	300
	25% CONTINUOUS DUTY		225
	30 kVA TRANSFORMER		30
	TOTAL		1,155
	AMPS (480V, 3-PH)		1,391A

CONDUIT & WIRING SCHEDULE			
NO	FROM	TO	CONFIGURATION
①	PROPOSED TRANSFORMER	PROPOSED SWITCHBOARD 480/277V MAIN DISTRIBUTION SECTION	PROPOSED (3) 600 MCM AL (1) 600 MCM AL NEUT IN EACH OF (6) 4" CONDUITS (2) SPARE 4" CONDUITS
②	PROPOSED SWITCHBOARD 480/277V MAIN DISTRIBUTION SECTION	PROPOSED POWER UNIT	PROPOSED (4) 300 MCM CU (1) #2 AWG CU GND (1) 3" CONDUIT
③	PROPOSED SWITCHBOARD 480/277V MAIN DISTRIBUTION SECTION	FUTURE POWER UNIT	PROPOSED (1) 3" CONDUIT
④	PROPOSED POWER UNIT	PROPOSED DISPENSER (DC POWER)	PROPOSED (2) 350 MCM AL 1kV (1) #2 AWG CU GND (2) 3" CONDUIT
⑤	PROPOSED POWER UNIT	PROPOSED DISPENSER (AUX POWER)	PROPOSED (3) #12 AWG CU (1) #12 AWG CU GND (1) 3/4" CONDUIT
⑥	PROPOSED POWER UNIT	PROPOSED DISPENSER (COMM)	PROPOSED (1) BUFFERED I/O MM FIBER (ST/ST CONN) (1) 1-1/2" CONDUIT
	NOT USED		
	NOT USED		
⑪	PROPOSED SWITCHBOARD 120/208V SECTION	PROPOSED GFCI RECEPTACLE	PROPOSED (1) #12 AWG CU & (1) #12 AWG CU NEUT (1) #12 AWG CU GND (1) 3/4" CONDUIT
⑫	PROPOSED SWITCHBOARD 120/208V SECTION	PROPOSED LED LIGHT	PROPOSED (2) #10 AWG CU (1) #10 AWG CU GND (1) 3/4" CONDUIT
⑬	PROPOSED SWITCHBOARD 120/208V SECTION	HANDHOLE FROM SWITCHBOARD	PROPOSED (1) 3" CONDUIT
⑭	PROPOSED POWER UNIT	HANDHOLE FUTURE DISPENSERS	PROPOSED (2) 3" CONDUIT
⑮	PROPOSED POWER UNIT	HANDHOLE FUTURE DISPENSERS	PROPOSED (1) 1-1/2" CONDUIT
⑯	PROPOSED POWER UNIT	HANDHOLE FUTURE DISPENSERS	PROPOSED (1) 3/4" CONDUIT
	NOT USED		

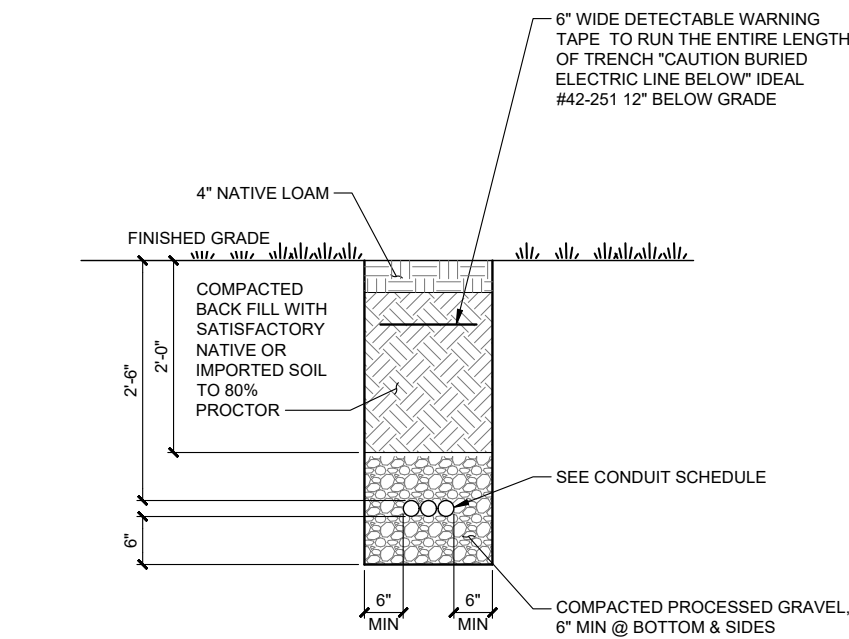
NOTES:

- ELEVATION VIEW IS FOR REVIEW REFERENCE AND NOT TO BE USED FOR CONSTRUCTION. REFER TO LAYOUTS AND DETAIL SHEETS FOR CONSTRUCTION.
- CONDUIT STUBS FOR FUTURE EQUIPMENT SHALL BE CAPPED AND COVERED WITH DIAMOND PLATE FLUSH WITH TOP OF PAD.

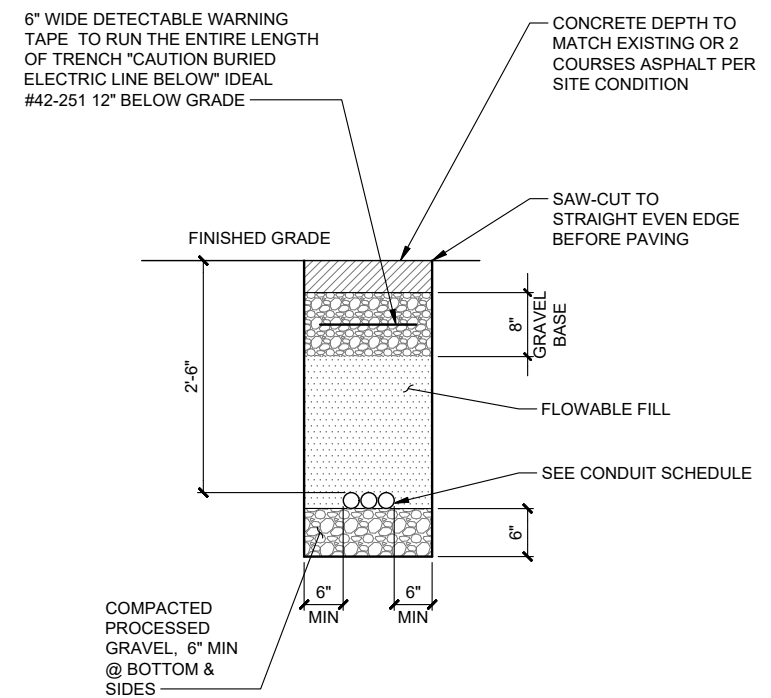


1 ELECTRICAL CONDUIT ELEVATION
SCALE: N.T.S.

2 NOT USED
SCALE: N.T.S.



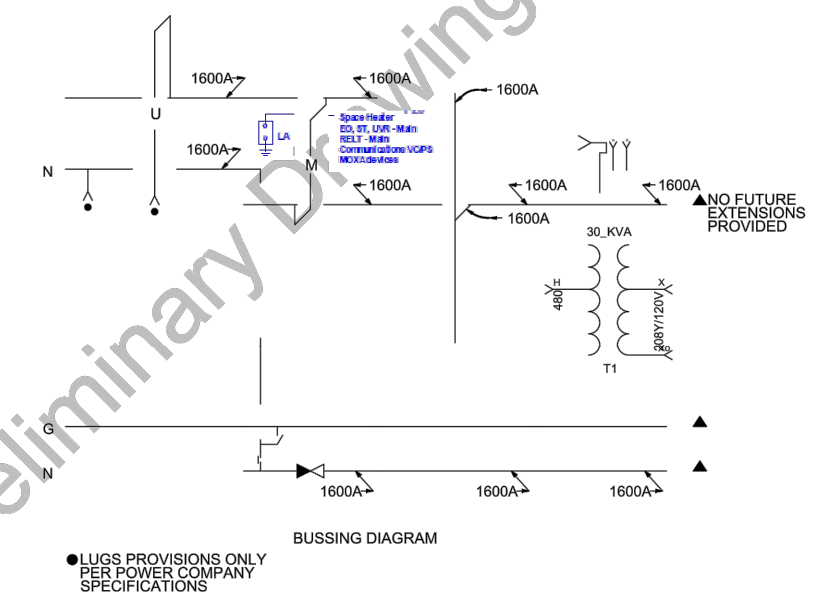
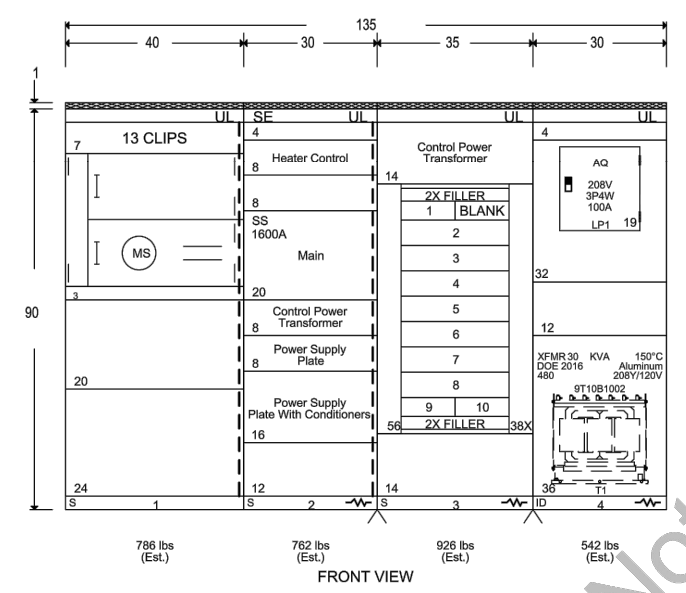
3 NON-UTILITY CONDUIT TRENCHING SOIL DETAIL
SCALE: N.T.S.



4 NON-UTILITY CONDUIT TRENCHING PAVEMENT DETAIL
SCALE: N.T.S.

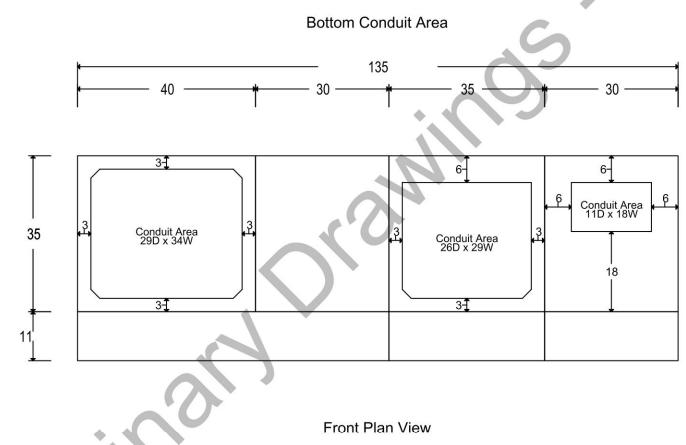
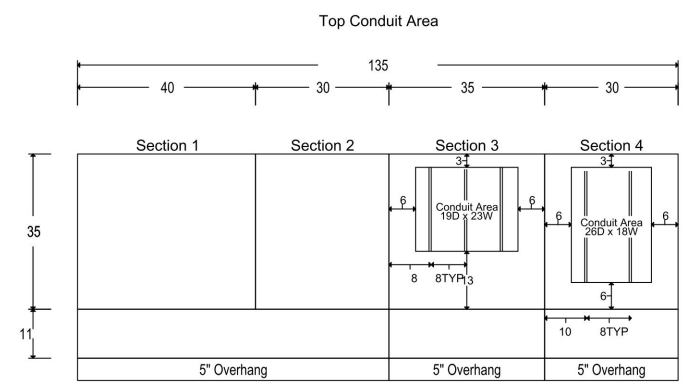
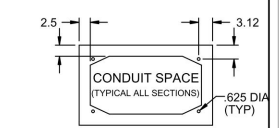
REV	DATE	DESCRIPTION
1	6-23-21	S&S

ACCESS TO: Front Only	PHASE: 3P4W	PORTLAND GENERAL ELEC. OR.
CLASS: 2	AMPERE: 1600A	CODE: PB PT COMPT
LABEL: U/L SE	BUS MTL: Al 750A/in ²	UTILITY PER EUSERC PG. 322, 330
VOLTAGE: 480/277V	PLATE: Tin Plate	METER PER EUSERC PG. 332, 326
STYLE: Bolt-On	RATING: Fully Rated	UGPS PER PG 345
BUS BRACING (RMS SYM):	65000A	LUG LANDING PER 347
DEV. MIN. INT. RATING (RMS SYM):	65000A	



PROJECT NAME: Electrify America - SAI - Site 210524	DWG TITLE: Front View/ Bussing	PRODUCT NAME: Spectra Series™ Switchboard	DRAWING NO: 1
CUSTOMER: SAI COMMUNICATIONS, INC, SALEM	CREATED BY: Snider, Toni	MARKS: OR210524 SANDY	ITEM NO:
	DATE: 05/10/2021 22:08:51	QUOTE NO: UA2-00005436	MARKS: OR210524 SANDY
	REVISION NO.: 34	SHEET: 4 of 5	QUOTE NO: UA2-00005436

ACCESS TO: Front Only	PHASE: 3P4W	PORTLAND GENERAL ELEC. OR.
CLASS: 2	AMPERE: 1600A	CODE: PB PT COMPT
LABEL: U/L SE	BUS MTL: Al 750A/in ²	UTILITY PER EUSERC PG. 322, 330
VOLTAGE: 480/277V	PLATE: Tin Plate	METER PER EUSERC PG. 332, 326
STYLE: Bolt-On	RATING: Fully Rated	UGPS PER PG 345
BUS BRACING (RMS SYM):	65000A	LUG LANDING PER 347
DEV. MIN. INT. RATING (RMS SYM):	65000A	

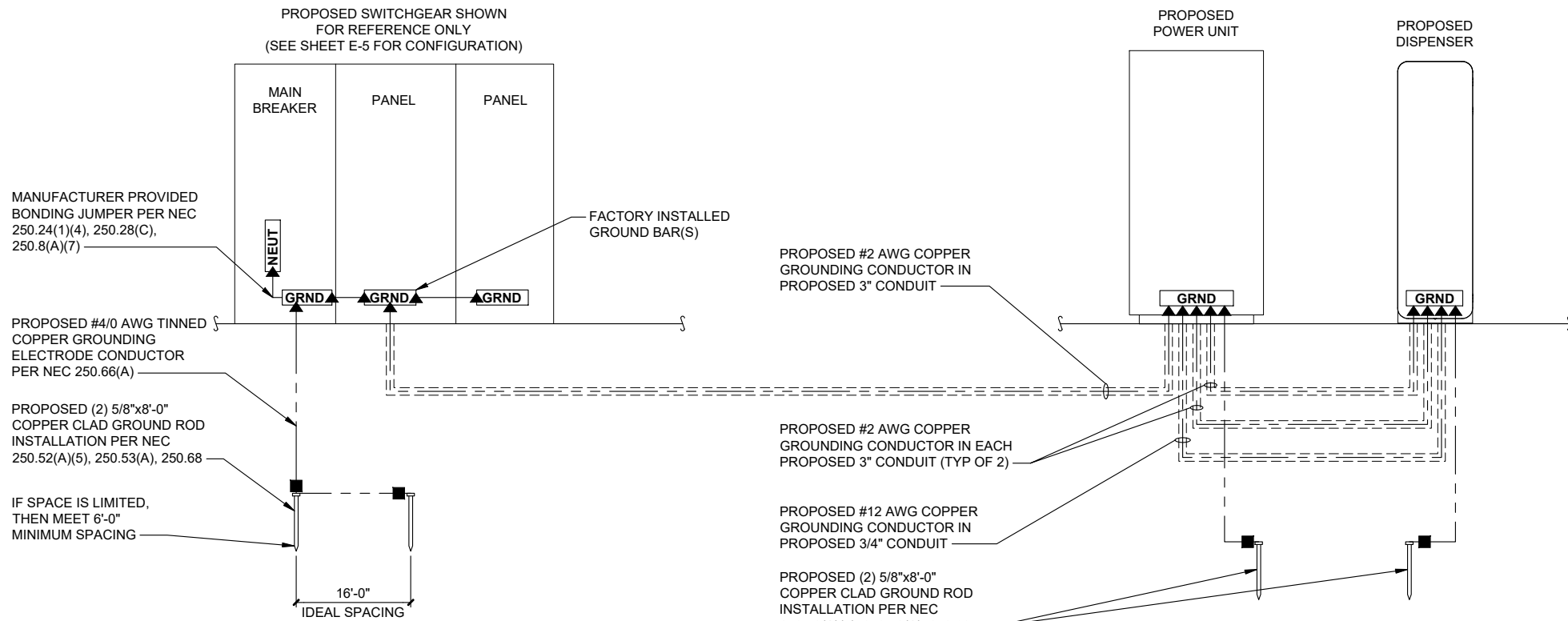


PROJECT NAME: Electrify America - SAI - Site 210524	DWG TITLE: Conduit View	PRODUCT NAME: Spectra Series™ Switchboard	DRAWING NO: 1
CUSTOMER: SAI COMMUNICATIONS, INC, SALEM	CREATED BY: Snider, Toni	MARKS: OR210524 SANDY	ITEM NO:
	DATE: 05/10/2021 22:08:51	QUOTE NO: UA2-00005436	MARKS: OR210524 SANDY
	REVISION NO.: 34	SHEET: 5 of 5	QUOTE NO: UA2-00005436

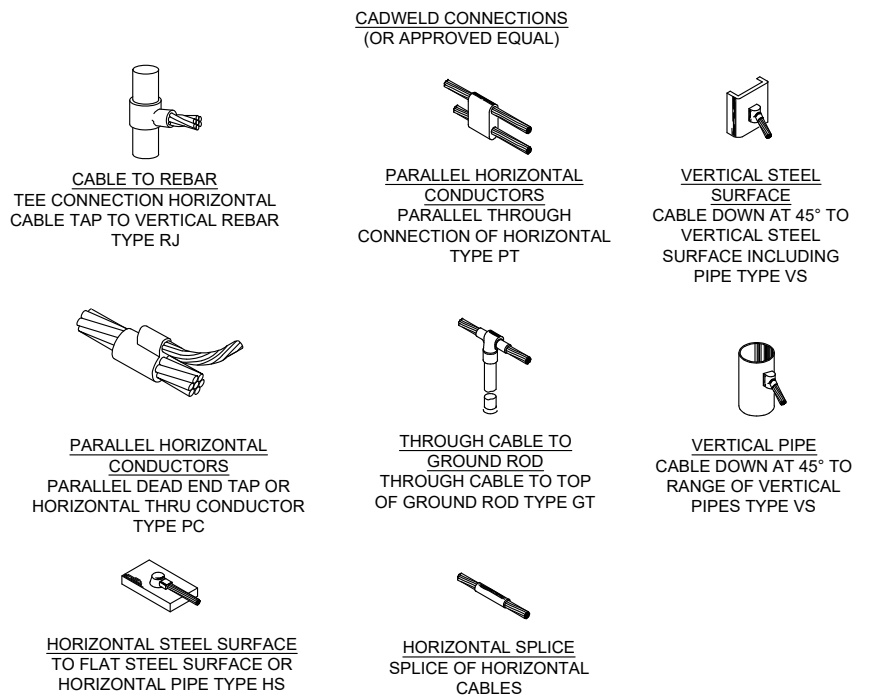
LEGEND	
▲	MECHANICAL CONNECTION
■	CADWELD CONNECTION

NOTES:

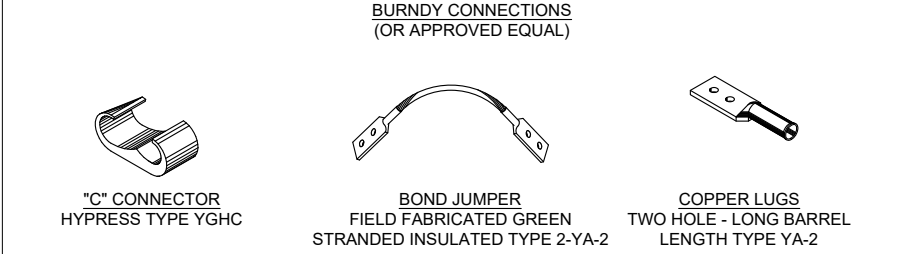
- ALL HARDWARE SHALL BE STAINLESS STEEL 3/8" DIAMETER OR LARGER. ALL HARDWARE 18-8 STAINLESS STEEL INCLUDING LOCK WASHERS, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING.
- FOR GROUND BOND TO STEEL ONLY: INSERT A CADMIUM FLAT WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING.
- 2014 NEC 250.121 EXCEPTION: A WIRE-TYPE EQUIPMENT GROUNDING CONDUCTOR INSTALLED IN COMPLIANCE WITH 250.6(A) AND THE APPLICABLE REQUIREMENTS FOR BOTH THE EQUIPMENT GROUNDING CONDUCTOR AND THE GROUNDING ELECTRODE CONDUCTOR IN PARTS II, III, AND VI OF THIS ARTICLE SHALL BE PERMITTED TO SERVE AS BOTH AN EQUIPMENT GROUNDING CONDUCTOR AND A GROUNDING ELECTRODE CONDUCTOR.
- ALL TERMINATION LUGS SHALL BE CRIMPED WITH APPROVED LUG CRIMPER WITH UL CERTIFICATION.



1 GROUNDING SCHEMATIC
SCALE: N.T.S.



2 CADWELD CONNECTION DETAIL
SCALE: N.T.S.



3 MECHANICAL CONNECTION DETAIL
SCALE: N.T.S.

4 NOT USED
SCALE: N.T.S.

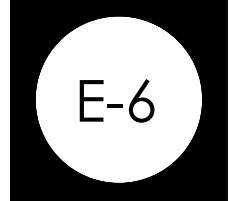


JOB NAME
210524
FRED MEYER 663
16625 SE 362nd Dr,
SANDY, OR 97055

SHEET TITLE
GROUNDING
DETAILS

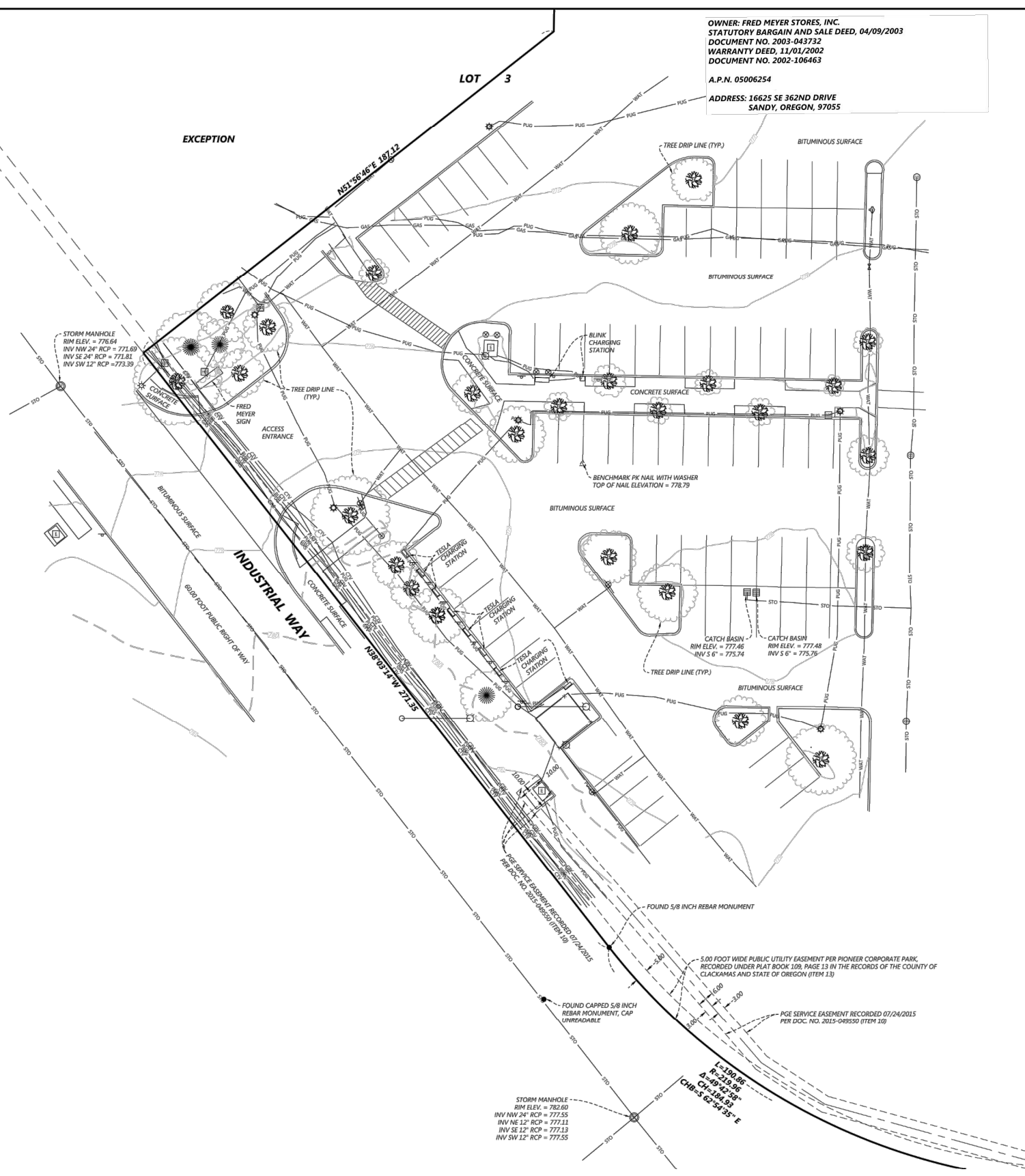
REV	DATE	DESCRIPTION
1	6-23-21	S&S

PROJECT NUMBER: 210524
DRAWN BY: MAZ
CHECKED BY: RBH



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N:\0021997\AR\DWG\021997AR.210524 FED MEYER 663.DWG



OWNER: FRED MEYER STORES, INC.
 STATUTORY BARGAIN AND SALE DEED, 04/09/2003
 DOCUMENT NO. 2003-043732
 WARRANTY DEED, 11/01/2002
 DOCUMENT NO. 2002-106463
 A.P.N. 05006254
 ADDRESS: 16625 SE 362ND DRIVE
 SANDY, OREGON, 97055

LEGAL DESCRIPTIONS PER TITLE REPORT ORD-243908-V9T3B0

Legal Description:
 Parcel I
 The Northeast quarter of the Northeast quarter of the Northeast quarter of Section 15, Township 2 South, Range 4 East of the Willamette Meridian, in the County of Clackamas and State of Oregon, EXCEPTING a right of way 10.00 feet wide along the South side thereof.
 FURTHER EXCEPTING that portion conveyed to the City of Sandy by Deed recorded April 21, 1997 as Fee No. 97-029316.
 TOGETHER WITH:
 Lot 3, PIONEER CORPORATE PARK, in the City of Sandy, County of Clackamas and State of Oregon.
 EXCEPTING THEREFROM the following described tract:
 Beginning at the Southwest corner of Lot 3, PIONEER CORPORATE PARK, in the City of Sandy, County of Clackamas and State of Oregon; thence along the west line thereof North 36°45'10" East 248.71 feet; thence South 53°14'50" East 107.88 feet; thence South 00°36'42" West 122.88 feet; thence South 11°25'29" West 187.13 feet to a point on the South line of said Lot 3; thence along the South line of thereof North 38°34'31" West 140.49 feet to the point of beginning.
 Parcel II
 Beginning in the center of the Sandy Ridge Cross Road at the Southeast corner of Section 10, Township 2 South, Range 4 East, of the Willamette Meridian, in the County of Clackamas and State of Oregon; thence North 88°06' West along the South boundary of said Section 10, passing over an iron pipe where said section line crosses the West boundary of said Sandy Ridge Cross Road 260 feet to an iron pipe; thence North 1°54' East 387 feet to an iron pipe on the Southern boundary of the Mt. Hood Loop Highway; thence Southwesterly along the Southern boundary of the Mt. Hood Loop Highway 260.5 feet to the East line of said Section 10; thence South along the East line of said Section 10 281.4 feet to the place of beginning.
 EXCEPTING THEREFROM that portion conveyed to the State of Oregon by deed recorded March 11, 1965 in Book 654, page 166.

ITEMS OF RECORD PER TITLE REPORT ORD-243908-V9T3B0

- Items of record**
- 1) Deed, 01/10/1963, Book: 616 Page: 90, AFFECTS SUBJECT PROPERTY, BLANKET IN NATURE, NOT GRAPHICALLY SHOWN
 - 2) Transmission Line Easement, 12/30/1940, Book: 275 Page: 618, DOES NOT LIE IN SURVEY AREA
 - 3) Transmission Line Easement, Document No. 70 8881, DOES NOT LIE IN SURVEY AREA
 - 4) Deed, 04/21/1997, Document No. 97-029316, DOES NOT LIE IN SURVEY AREA
 - 5) Easement Agreement, 11/14/2002 Document No. 2002-110749, AFFECTS SUBJECT PROPERTY, BLANKET IN NATURE, NOT GRAPHICALLY SHOWN
 - 6) Declaration of Covenants, Conditions, Restrictions and Easements, 03/25/2004, Document No. 2004-024829, AFFECTS SUBJECT PROPERTY, BLANKET IN NATURE, NOT GRAPHICALLY SHOWN
 - 7) Amendment to Declaration of Covenants, Conditions, Restrictions and Easements, 05/19/2006 Document No. 2006-045849, AFFECTS SUBJECT PROPERTY, BLANKET IN NATURE, NOT GRAPHICALLY SHOWN
 - 8) Underground Distribution Line Easement, 08/19/2004 Document No. 2004-076762, DOES NOT LIE IN SURVEY AREA
 - 9) PGE Service Easement, 08/29/2015, Document No. 2015-055900, AFFECTS SUBJECT PROPERTY, BLANKET IN NATURE, NOT GRAPHICALLY SHOWN
 - 10) PGE Service Easement, 07/24/2015, Document No. 2015-049550, AFFECTS SUBJECT PROPERTY, AS SHOWN HEREON
 - 11) Bargain and Sale Deed, 01/11/1965, Book: 654 Page: 166, DOES NOT LIE IN SURVEY AREA
 - 12) Property Line Adjustment Deed, 11/01/2002, Document No. 2002-106462, AFFECTS SUBJECT PROPERTY, BLANKET IN NATURE, NOT GRAPHICALLY SHOWN
 - 13) Pioneer Corporate Park, Plat Book: 109 Page: 13, AFFECTS SUBJECT PROPERTY, AS SHOWN HEREON

UTILITY INFORMATION

Oregon 811 Ticket Number 21088053: Contacted on 03/31/2021.
 ZIPPLY FIBER
 LEVEL 3 NOW CENTURYLINK
 NW NATURAL
 OREGON DOT ELECTRICAL
 PORTLAND GENERAL ELECTRIC
 WAVE BROADBAND

SURVEYOR'S NOTES

1. This survey was prepared using First Corporate Solutions OR AFX, Title Report Number ORD-243908-V9T3B0 having an effective date of June 15, 2020.
2. The underground utilities shown have been located from field survey information provided by APS INC. on 4/2/2021. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.
3. Subject property is classified as X, per Flood Insurance Rate Map Community- Panel Number 41005C0093D- Dated 06/17/2008.
4. The subject property is zoned C2, General Commercial per the City of Sandy Zoning Map, Adopted October 20, 1997, found on City of Sandy's website. No zoning information was provided by the client. For zoning code, contact the City of Sandy Planning and Zoning Department.
5. Elevations are based on NAVD83 Datum. Benchmark: PK Nail with Washer top of nail Elevation = 778.79, as shown hereon.
6. This is a topographic survey. This is not a boundary survey and is only intended to depict those features or improvements shown. The property lines shown are record lines only and are shown for graphical reference only.
7. Bearings shown are based upon Oregon State Plane Coordinate System, NAD1983, State North Zone, International Foot

SURVEYOR'S STATEMENT

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Professional Land Surveyors' Act at the request of Electrify America, LLC in April, 2021. The field work was completed on 04/04/2021.

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
 OREGON
 NOVEMBER 18, 2012
 Christopher Dean Hoglund
 67134
 EXPIRATION DATE: 6/31/21

Call 48 Hours before digging:
 811 or call811.com
 Common Ground Alliance

LEGEND:

⊙	SANITARY MANHOLE	⊙	STEEL/WOOD POST
⊕	SEWER CLEANOUT	—	SIGN
⊖	STORM MANHOLE	—	FLAG POLE
⊗	CATCH BASIN	⊙	CONIFEROUS TREE
⊘	STORM INTERCEPTOR	⊙	DECIDUOUS TREE
⊙	HYDRANT	⊙	CACTUS
⊙	GATE VALVE	⊙	PALM TREE
⊙	WATER METER	⊙	FIBER OPTIC PEDESTAL
⊙	FIRE DEPARTMENT CONNECTION	⊙	NATURAL GAS METER
⊙	DOUBLE DETECTOR CHECK VALVE	⊙	UNKNOWN MANHOLE
⊙	ELECTRIC BOX	⊙	MISCELLANEOUS METER
⊙	ELECTRIC METER	⊙	MISCELLANEOUS PEDESTAL
⊙	ELECTRIC MANHOLE	—	BOUNDARY LINE
⊙	STREET LIGHT	—	GAS LINE
⊙	POWER POLE	—	POWER OVERHEAD
⊙	MAST ARM	—	POWER UNDERGROUND
⊙	MAST ARM W/ LIGHT	—	SANITARY SEWER
⊙	TRAFFIC SIGNAL	—	STORM SEWER
⊙	TELEPHONE BOX	—	WATERMAIN
⊙	TELEPHONE MANHOLE	—	CURB & GUTTER
⊙	HAND HOLE/JUNCTION BOX		
⊙	CABLE TV BOX		
●	FOUND MONUMENT (SEE LABEL)		

VICINITY MAP (NOT TO SCALE)



NOT TO SCALE
 FOR REFERENCE ONLY

CREW:	REVISIONS:
CHECKED: MJW	
DRAWN: BTW	
HORIZONTAL SCALE: 20'	

PREPARED FOR:
Electrify America, LLC
 2003 Edmund Halley Drive
 Reston, VA 20191

Westwood
 Phone (952) 937-9180 12701 Whitewater Drive, Suite #300
 Fax (952) 937-9822 Minneapolis, MN 55445
 Toll Free (888) 937-9150 westwoods.com
 Westwood Professional Services, Inc.

**SITE 210524
 FED MEYER 663
 SANDY, OREGON**

Topographic Survey
 A PORTION OF PIONEER CORPORATE PARK,
 CITY OF SANDY, CLACKAMAS COUNTY, OREGON

SHEET NUMBER:
1 OF **1**
 DATE: 04/15/2021
 PROJECT NUMBER: 0021997.AR