



People. Partnership. Performance.

P.O. Box 1837
Tacoma, WA 98401-1837
www.portoftacoma.com

June 26, 2025

TO: PLANHOLDERS

SUBJECT: EBC MOTIVE TEMPORARY POWER
PROJECT NO. 101686.01
CONTRACT NO. POT-PA-000000068

ADDENDUM NUMBER 02

This addendum is issued to amend the following:

SPECIFICATIONS

A. SECTION 00 01 10 – Table of Contents

1. Under Appendix C – Demolition Permit No. **DELETE** “To be Determined” and **REPLACE** it with DEMOC25-0019
2. Under Appendix D – Sewer permit No. **DELETE** “To be Determined” and **REPLACE** it with SEWER25-0326

B. SECTION 01 41 00 – Regulatory Requirements

1. Under 1.01,A,2 Demolition Permit No.: **DELETE** “xxxxx” and **REPLACE** it with DEMOC25-0019, Appendix C.
2. Under 1.01,A,3 Sewer Permit No.: **DELETE** “xxxxx” and **REPLACE** it with SEWER25-0326, Appendix D.

DRAWINGS

A. **DELETE** and **REPLACE** the following drawings.

Sheet Designation	Sheet No.	Drawing Title
1	G01	COVER SHEET
5	C2.0	SURFACING PLAN
10	E1.0T	TEMPORARY POWER SITE PLAN
15	E10.5	ENLARGED TEMPORARY POWER SITE PLAN
16	E11.1T	DUCT BANK DETAILS

Sheet Designation	Sheet No.	Drawing Title
17	E11.2T	VAULT DETAILS
18	E11.3T	DETAILS

ATTACHMENTS:

1. Appendix C Demolition permit.
2. Appendix D Sewer permit.
3. Revised Drawings
 - a. G01 COVER SHEET
 - b. C2.0 SURFACING PLAN
 - c. E1.0T TEMPORARY POWER SITE PLAN
 - d. E10.5 ENLARGED TEMPORARY POWER SITE PLAN
 - e. E11.1T DUCT BANK DETAILS
 - f. E11.2T VAULT DETAILS
 - g. E11.3T DETAILS.

END OF SECTION

Appendix C -
Demolition Permit
No. DEMO25-0019



CITY OF TACOMA
 Planning and Development Services
 (253) 591-5030

747 Market St. 3rd Floor
 Tacoma, WA 98402
 Inspections (253) 573-2587

Commercial Demolition Permit #DEMOC25-0019

Issued Date: 06/23/2025

Expiration Date: 12/20/2025

SITE INFORMATION

Address: 401 E ALEXANDER AVE

Parcel: 5000350013

PERMIT ISSUED TO

LICENSED CONTRACTOR

PROPERTY OWNER

PORT OF TACOMA
 REAL ESTATE DEPT
 TACOMA, WA 98401

PORT OF TACOMA
 REAL ESTATE DEPT
 TACOMA, WA 98401

PERMIT INFORMATION

Project Description: Demolish existing metal electrical building (30' x 12')

Permit Fee: \$387.70

Project Coordinator: N/A

Related Site Record: N/A

Related Land Use Record: N/A

CONDITIONS OF APPROVAL

SOLID WASTE-6/3/25 APPROVED WITH COMMENTS. Contact Solid Waste for dumpsters. (253)502-2100

TRAFFIC | 6-6-25 | APPROVED W/ COMMENTS

Trucks will not be allowed to stage in the right-of-way (ROW). Street/parking/lane closures, signs, barricades, or obstructions in the ROW require a Right-of-Way Use Permit (RUSE). Trucks shall remain on arterials. Haul route and construction entrance to avoid residential streets, school walking routes, high volume pedestrian/bicycle streets, and Neighborhood Business Districts, when feasible.

To schedule or manage inspections by phone (253) 573-2587 or online at aca-prod.accela.com/TACOMA/

PRINTED PERMIT AND APPROVED PLANS MUST BE KEPT ON SITE DURING CONSTRUCTION

All plumbing, heating, and electrical work will be performed by either the home owner or by a contractor licensed to do the same. Separate permits are required for other work, including but not limited to, sanitary and storm sewer, sidewalk, curb and gutter, driveways, parking lot paving, street improvements, fire protection, and signs. Plumbing and mechanical permits can be incorporated into some permits.



CITY OF TACOMA

Planning and Development Services
(253) 591-5030

747 Market St. 3rd Floor
Tacoma, WA 98402
Inspections (253) 573-2587

Commercial Demolition Permit #DEMOC25-0019

Issued Date: 06/23/2025

Expiration Date: 12/20/2025

VALUATIONS

Estimated Valuation:

\$30,000

PROJECT DETAILS

Night or Weekend Work:

NO

Utility Work:

Sanitary sewer service is proposed to be installed through the former foundation of this building once it is removed. We will submit for a separate sanitary sewer connection permit.

BUILDING INFORMATION

Total floor Area:

360



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Commercial Demolition Permit #DEMOC25-0019

Issued Date: 06/23/2025

Expiration Date: 12/20/2025

APPROVED REVIEWERS

Category	Approved By	Email	Phone Number
Building Review	Chris Seaman	cseaman@tacoma.gov	253-591-5503
Critical Areas Review	Kristin Singh	ksingh@tacoma.gov	
Critical Areas Review	Sky Cropper	scropper@tacoma.gov	253-393-8808
Flood Hazard Review	Quyen Thai	qthai@tacoma.gov	253-254-8796
Historic Review	Reuben McKnight	reuben.mcknight@tacoma.gov	253-686-8468
Land Use Review	Larry Harala	lharala@tacoma.gov	253-318-5626
Site Development Review	Joy Rodriguez	jrodrigu@tacoma.gov	253-312-3513
Traffic Review	Jennifer Kammerzell	jkammerzell@tacoma.gov	253-591-5511

GENERAL:

PERMISSION IS HEREBY GIVEN TO DO THE DESCRIBED WORK, AS NOTED ON THE REVERSE SIDE, ACCORDING TO THE CONDITIONS HEREON AND ACCORDING TO THE APPROVED PLANS AND SPECIFICATIONS PERTAINING THERETO, SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF TACOMA.,

YOUR ATTENTION IS CALLED TO THE FACT THAT IT SHALL BE THE DUTY OF THE PERMITEE (General Contractor) to assure that all necessary inspections are called for and approved by the City Inspectors.

YOUR ATTENTION IS CALLED to the fact that in addition to the called for inspections specified by the applicable codes, the Building Official may make or require any other inspections of any construction work necessary to ascertain compliance with the provisions of City Codes and other laws which are enforced by the City of Tacoma.

YOUR ATTENTION IS CALLED to the fact that in addition to regularly scheduled inspections during construction there shall be a final inspection and approval on all buildings or structures when completed and ready for occupancy. AU required off-site improvements (curbs, sidewalks, storm sewers, etc.) must be completed at time a final inspection and prior to occupancy of building. Construction of off-site improvements requires scheduled inspections during construction in addition to the final inspection.

SPECIAL PERMITS

The holder of Special Permits agrees to the following stipulations:

1. To complete the work encompassed by the Special Permit in accordance with the current edition of the WSDOTIAFWA Standard Specifications as amended by the City of Tacoma General Special Provisions and in accordance with any special provisions or conditions set forth before final acceptance as required by the provisions of the Street Obstruction Bond.
2. To indemnify and hold the City of Tacoma harmless from any and all damages done to any person or property which may arise from the construction encompassed by the Special Permit.
3. To submit for review and approval to the Traffic Engineer a traffic control plan developed in accordance with the "Manual on Uniform Traffic Control Devices" {MUTCD}. The traffic control plan shall show pedestrian access through the work zone.
4. To protect the public by placing adequate barricades, signs, cones, lights or other traffic control devices in accordance with the approved traffic control plan. It is understood that traffic lane closures and or sidewalk closures are limited to that which is specifically permitted herein. No other closures will be allowed without prior written approval of the City Engineer.
5. To provide and maintain protected pedestrian and ADA compliant disability access on walkways at all times.
6. The City of Tacoma does not guarantee sewer location or depth information. It shall be the permittee's responsibility to verify sewer and sewer stub locations and depths.
7. To restore Rights-of-Way in accordance with the City's Rights-of-Way Restoration Policy and City of Tacoma Standard Plans
8. Trench backfill within all improved streets or streets proposed for improvement shall be full depth bank run gravel or approved equal by the Construction Division.
9. All cuts in arterial streets shall be patched and maintained with Hot Mix Asphalt until permanent repairs are completed. All cuts in residential streets or alleys shall be patched and maintained with cold mix asphalt until permanent repairs are made. Permanent repairs shall be per current City of Tacoma Standard Plans. Streets and alleys shall be permanently repaired within 30 days.
10. To be responsible for the preservation of any utilities within the construction area.

CALL TOLL FREE BEFORE YOU DIG -1-800-424-5555 (Utilities Underground Location Center)

11. 24 Hour notice is required prior to any inspection. Construction Division 253-591-5760, Traffic SignaVStreetlight 253-591-5287.
12. The Special Permit Expiration date is 30 days from the issue date unless otherwise noted.

The City of Tacoma encourages the reuse and recycling of construction and demolition debris to help meet its waste reduction goals and support local economic activity. More information on construction and demolition material reuse/recycling along with a list of local companies can be found here:

- [Construction and Demolition Waste](#)
- [Reuse/Recycling Companies](#)

Reinspections for Building, Plumbing, and Mechanical Permits

Reinspections are considered additional effort by the City's Planning and Development Services staff that have not been included in the original permit cost. City inspectors have limited time at each site and therefore, must have all necessary information as well as clear access to the completed work at the time of their arrival. **The approved plans and permit card must also be immediately available to the inspector upon his/her arrival.** Cancellation of inspections must occur by 6:00 AM on the day of the inspection. City inspectors may arrive at the site as early as 8:00 AM; therefore, it should be planned to have all work completed and ready for inspection by 8:00 AM on the day of the inspection.

Reinspection fees will be charged per authorized fee code Title 2.09 under the following circumstances:

1. Work for which the inspection has been scheduled is not completed when the inspector arrives on site.
2. Clear access to the inspection area has not been provided at the time of the inspector's arrival.

This policy applies to reinspections for building, plumbing and mechanical permits issued by the department of Planning and Development Services.

Appeal of a reinspection fee?

If you were issued a re-inspection fee that you believe was un-warranted, you may appeal the fee by submitting a written explanation of the circumstances. The appeal must be submitted to our office at: Planning & Development Services, 747 Market St Rm 345, Tacoma WA, 98402 or via e-mail at: pdsinspection@cityoftacoma.org

The appeal must include the following items:

1. Written explanation for appeal submitted in writing
2. Include owner/contractor name
3. Include contact phone and email address
4. Include Permit number and address

A Decision will be rendered within three (3) business days

Appendix D -
Sewer Permit No.
SEWER25-0326



CITY OF TACOMA
 Planning and Development Services
 (253) 591-5030

747 Market St. 3rd Floor
 Tacoma, WA 98402
 Inspections (253) 573-2587

Wastewater Connection Permit #SEWER25-0326

Issued Date: 06/25/2025

Expiration Date: 07/25/2025

SITE INFORMATION

Address: 401 E ALEXANDER AVE

Parcel: 5000350013

PERMIT ISSUED TO

LICENSED CONTRACTOR

PROPERTY OWNER

PORT OF TACOMA
 REAL ESTATE DEPT
 TACOMA, WA 98401

PORT OF TACOMA
 REAL ESTATE DEPT
 TACOMA, WA 98401

PERMIT INFORMATION

Project Description: New sanitary sewer connection to commercial modular office. No patch, no barricade.

Permit Fee: \$627.20

Project Coordinator: N/A

Related Site Record: N/A

Related Land Use Record: N/A

CONDITIONS OF APPROVAL

TRAFFIC ENGINEERING | 05/07/2025 | Approved w/Comments

1. Work appears to be located on private property. If scope of work changes and moves into right-of-way, a traffic control plan will be required.

Please print the provided Sewer As-Built Template and Tip Sheet.

Discovery of archaeological/cultural sites during construction

In the event of an unanticipated discovery of suspected archaeological materials or human remains during the course of construction, all work within 30 feet of the discovery site shall cease immediately and the project management personnel must follow procedures outlined in the City of Tacoma standard Unanticipated Discovery Plan (UDP). All project management personnel should access and familiarize themselves with the UDP steps and requirements prior to the start of construction, and shall inform workers and equipment operators of the UDP as well.

The UDP can be accessed here: <https://cityoftacoma.org/culturalResources/>

To schedule or manage inspections by phone (253) 573-2587 or online at aca-prod.accela.com/TACOMA/

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Planning and Development Services
(253) 591-5030

747 Market St. 3rd Floor
Tacoma, WA 98402
Inspections (253) 573-2587

Wastewater Connection Permit #SEWER25-0326

Issued Date: 06/25/2025

Expiration Date: 07/25/2025

VALUATIONS

Estimated Valuation:

\$50,000

PROJECT DETAILS

Night or Weekend Work:

NO

Right of Way Restoration:

NO

SANITARY SEWER

Connection Type:

New

Easement Required:

No

Method of Installation:

Open Trench

New Material Type:

Gravity - PVC C900

Shared System:

No

Shoestring Sanitary Side Sewer?:

No



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Inspections (253) 573-2587

Wastewater Connection Permit #SEWER25-0326

Issued Date: 06/25/2025

Expiration Date: 07/25/2025

APPROVED REVIEWERS

Category	Approved By	Email	Phone Number
Real Property Review	Britany Avila	bavila@tacoma.gov	253-591-5277
Site Development Review	Chris Seaman	cseaman@tacoma.gov	253-591-5503
Site Development Review	KD Drathman	kdrathma@tacoma.gov	253-686-7274
Traffic Review	Ricky Clousing	rclousing@tacoma.gov	253-213-3713

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11. 24 Hour notice is required prior to any inspection. Construction Division 253-591-5760, Traffic SignaVStreetlight 253-591-5287.
12. The Special Permit Expiration date is 30 days from the issue date unless otherwise noted.

Revised Drawings

- a. G01 COVER SHEET**
- b. C2.0 SURFACING PLAN**
- c. E1.0T TEMPORARY POWER SITE PLAN**
- d. E10.5 ENLARGED TEMPORARY POWER SITE PLAN**
- e. E11.1T DUCT BANK DETAILS**
- f. E11.2T VAULT DETAILS**
- g. E11.3T DETAILS.**

C:\Users\steven.garrett\KIRKLAND\OneDrive - Casne Engineering\Port of Tacoma\241038-005 POT EBC Substation\Drawings\G01 - Steven.garrett - LAST SAVE: 6/24/25 23:36:59 - PLOTTED: 6/24/25 23:44:10 BINDING EDGE

PORT OF TACOMA

EBC MOTIVE TEMPORARY POWER PROJECT ID # 101686.01 PURCHASE AGREEMENT # POT-PA-000000068

PORT COMMISSIONERS:

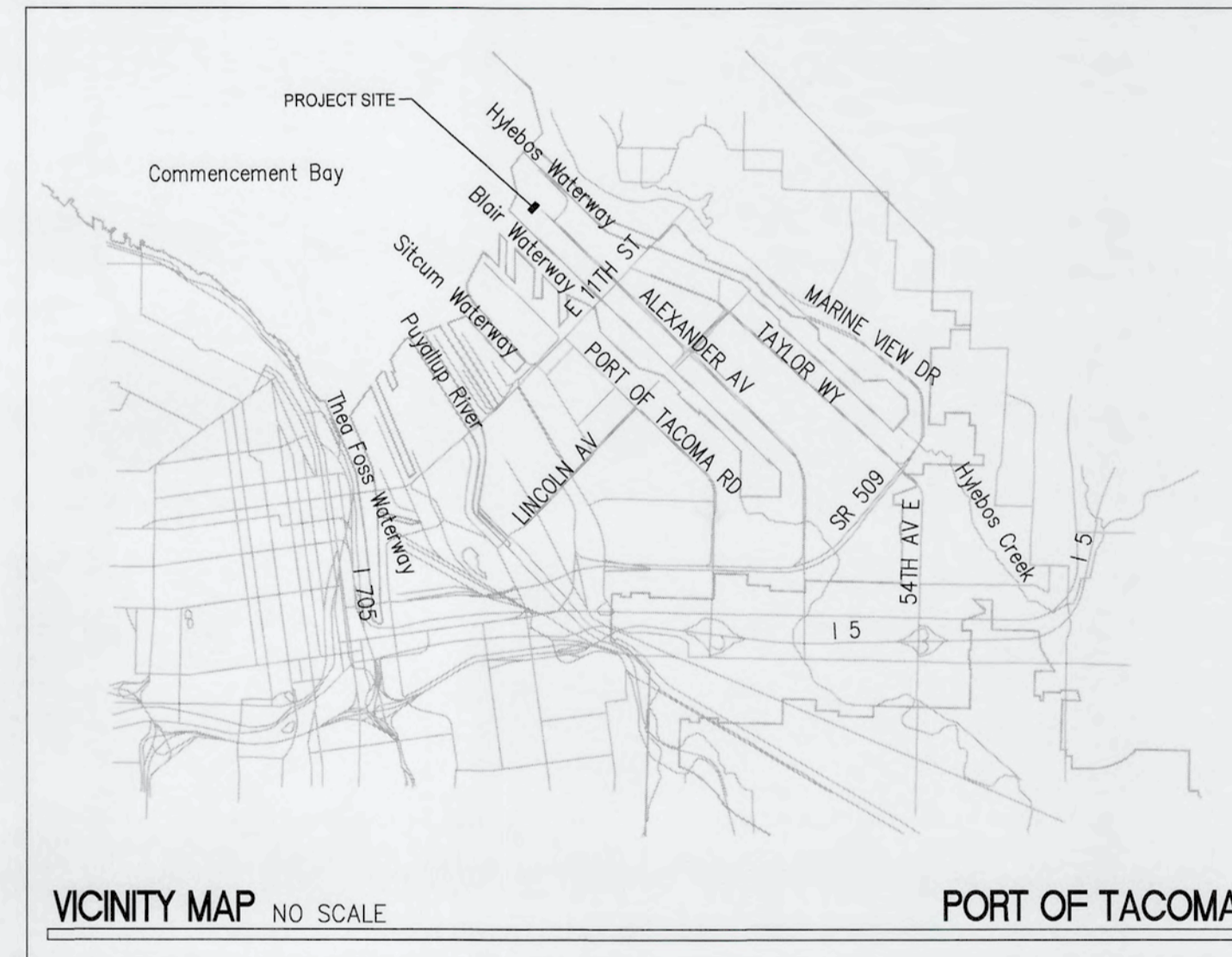
RICHARD P. MARZANO
DON MEYER
JOHN MCCARTHY
KRISTIN ANG
DEANNA KELLER

PORT STAFF:

ERIC JOHNSON
Port of Tacoma Executive Director

THAIS HOWARD, P.E.
Director of Engineering

ELLY BULEGA, PE
Project Manager II



CONSULTANT: CURTIS CLUTE, P.E.
CASNE ENGINEERING, INC.

CASNE Engineering
3545 FACTORIA BOULEVARD SE., SUITE 200
BELLEVUE, WA 98006
(425) 522-1000 WWW.CASNE.COM JOB NO. 231038-001

CIVIL CONSULTANT: DON DAVIS, P.E.
dond@sittshill.com

sitts & hill
CIVIL | STRUCTURAL | ARCHITECTURAL | SURVEY
4815 CENTER STREET | TACOMA, WA 98409
PHONE: (253) 474-9449 | FAX: (253) 474-0153
<http://www.sitts-hill.com/>

DRAWING LIST				
SHEET DESIGNATION	INCLUDED IN SET	SHEET #	SHEET TITLE	REVISION
1	●	G01	COVER SHEET	1
2		G02	SITE PLAN	
3		C0.1	GENERAL NOTES	
4		C1.0	DEMOLITION AND TESC PLAN	
5	●	C2.0	SURFACING PLAN	1
6		C3.0	CIVIL DETAILS	
7		C4.0	CIVIL DETAILS	
8		E0.0	ELECTRICAL LEGENDS & SYMBOLS	
9		E1.0TR	TEMPORARY POWER SITE PLAN - REMOVAL	
10	●	E1.0T	TEMPORARY POWER SITE PLAN	1
11		E4.0T	MOTIVE MARINE SERVICE BLDG. ENLARGED PLAN	
12		E10.0T	TEMPORARY ELECTRICAL ONE-LINE DIAGRAM	
13		E10.2	MM-DP-1 PANEL SCHEDULE	
14		E10.4T	TEMPORARY EQUIPMENT RACK ELEVATION	
15	●	E10.5T	ENLARGED TEMPORARY POWER SITE PLAN	1
16	●	E11.1T	DUCT BANK DETAILS	1
17	●	E11.2T	VAULT DETAILS	1
18	●	E11.3T	DETAILS	1
19		E11.4T	TPU TRANSFORMER VAULT STANDARDS	

PROJECT INFORMATION:

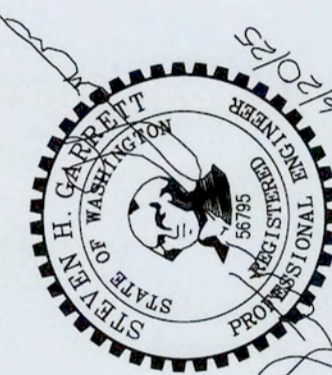
SITE ADDRESS: 401 TAYLOR WAY, TACOMA, WA 98421
 SITE PARCEL: PORT PARCEL 1B (2,073,538.15 SF; 47.60 ACRES)
 PROPERTY OWNER: PORT OF TACOMA
 902 PORT OF TACOMA ROAD
 TACOMA, WA
 ZONING: PMI; PORT MARITIME & INDUSTRIAL DISTRICT
 SCOPE OF WORK: CONSTRUCT NEW POWER FOR TEMPORARY USE BY MOTIVE MARINE.
 NEW IMPERVIOUS SURFACE: 0 S.F.
 REPLACED IMPERVIOUS SURFACE: 3,230 S.F.
 ESTIMATED EARTHWORK: 480± CY CUT/FILL (0± NET)

REVISION #1
JUNE 20, 2025



CASNE Engineering
3545 FACTORIA BOULEVARD SE., SUITE 200
BELLEVUE, WA 98006
(425) 522-1000 WWW.CASNE.COM JOB NO. 241038-005

MARK: REVISION: REVISION #1 - COMM VALSHTG
 BY: APPR: CEC
 DATE: 06/20/25

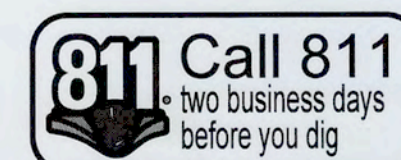


CEC 04/8/25
 CHECKED BY: AA 04/8/25
 DATE: 04/8/25
 PROJECT: PORT CENTER ROAD
 TACOMA, WA 98421

EBC MOTIVE TEMPORARY POWER

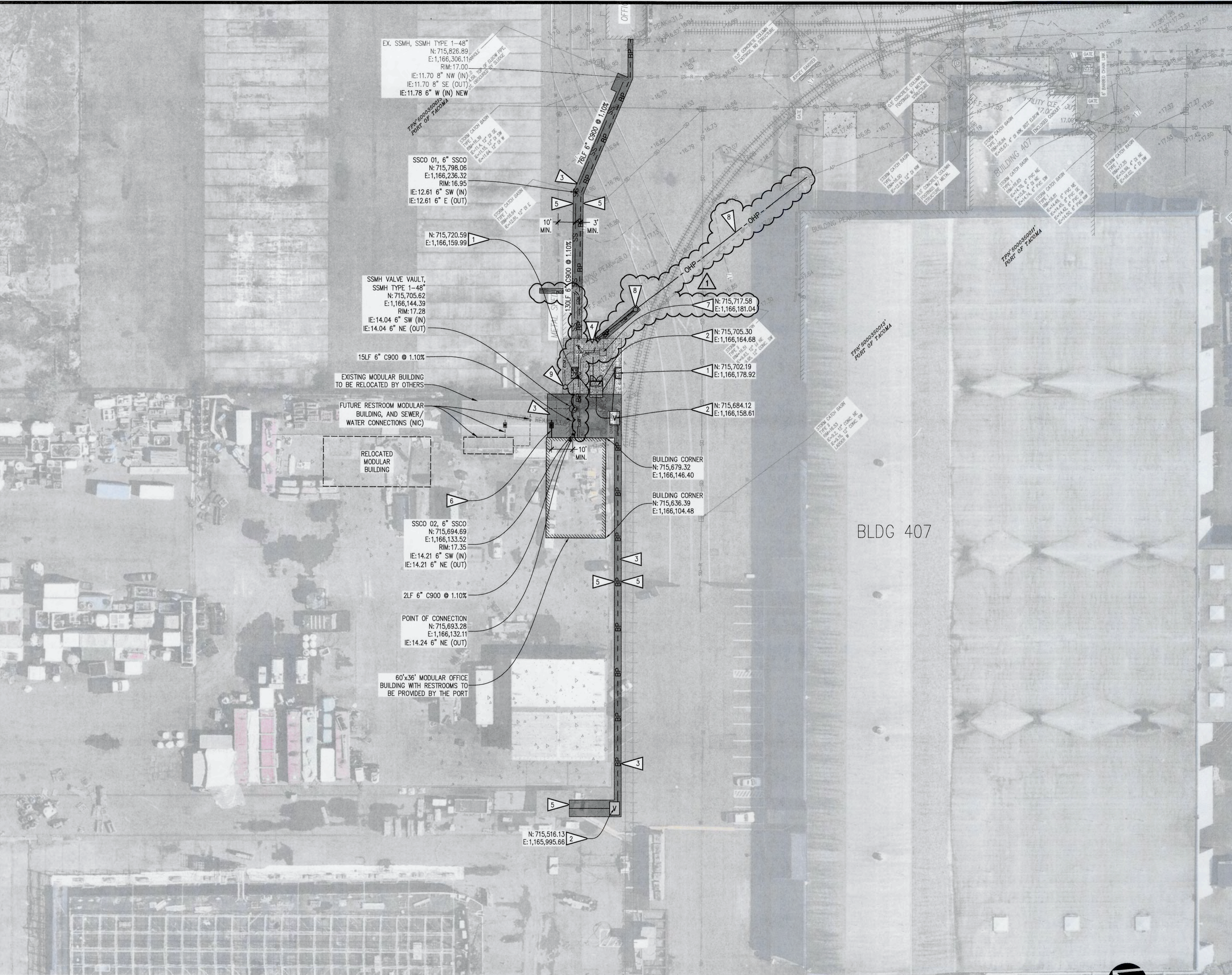
6709
G01
SH # 1 OF 19

COVER SHEET
 RANGE: 03 SECTION: 27
 TOWNSHIP: 21 RANGE: 03 SECTION: 27
 DAT-HRZ: - NAD83 VERT: MLW, 1983-2001 EPOCH
 PARCEL: PORT PARCEL 1B DRAWING SCALE: AS NOTED



BINDING EDGE

PORT OF TACOMA FILE: 0:\207000\20757\Drawings\20757 - C2.0



- LEGEND**
- PROPOSED FEATURES-**
- OHP --- OVERHEAD POWER, INSTALLED BY TPU
 - o POWER POLE, INSTALLED BY TPU
 - BP --- BURIED POWER, SEE SECTION 3/C3.0. ALSO SEE ELECTRICAL DRAWINGS
 - UTILITY POWER VAULT, PER ELECTRICAL DRAWINGS
 - UTILITY POWER RACK, PER ELECTRICAL DRAWINGS
 - COMMUNICATIONS VAULT, PER ELECTRICAL DRAWINGS
 - COM --- COMMUNICATIONS CONDUIT, PER ELECTRICAL DRAWINGS
 - SS --- SANITARY SEWER PIPE, SEE SECTION 7/C3.0
 - o SANITARY SEWER MANHOLE
 - o SANITARY SEWER CLEANOUT
 - W --- DOMESTIC WATER SERVICE, SEE SECTION 7/C3.0
 - ASPHALT PAVEMENT
 - CONCRETE SURFACING
 - CRUSHED ROCK SURFACING

- GENERAL NOTES**
- SEE SHEET C0.1 FOR GENERAL CIVIL NOTES.
 - BACKGROUND INFORMATION PROVIDED BY PORT OF TACOMA.
 - ALL DIMENSIONS AND RADII ARE TO THE FACE OF THE NOTED FEATURE, UNLESS OTHERWISE STATED. ALL LOCATIONS PROVIDED FOR STRUCTURES ARE TO THE CENTER OF THE STRUCTURE.
 - WHERE CONFLICTS OCCUR BETWEEN PLACEMENT OF NEW FEATURES AND EXISTING FEATURES, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BY THE CONTRACTOR, AND WILL BE RESOLVED BY THE ENGINEER.
 - DUCT BANKS INSTALLED PER SECTION 3/C3.0
 - UTILITY STRUCTURES SHALL BE INSTALLED PER SECTION 8/C3.0.
 - PROPOSED WATER/SEWER PIPES TO BE INSTALLED PER SECTION 7/C3.0.

- KEY NOTES**
- CONCRETE FOUNDATION FOR POWER UTILITY RACK PER DETAIL 9/C3.0. ALSO COORDINATE WITH ELECTRICAL DRAWINGS.
 - POWER UTILITY VAULT PER ELECTRICAL DRAWINGS
 - ASPHALT PAVEMENT PER DETAIL 4/C3.0.
 - CRUSHED ROCK SURFACING PER DETAIL 6/C3.0. MATCH ELEVATIONS AND GRADES OF ADJACENT EXISTING PAVED SURFACES.
 - MATCH EXISTING ELEVATION, PAVEMENT JOINT PER 5/C3.0.
 - PROPOSED 3/4" DOMESTIC WATER CONNECTION TO NEW MOTIVE MARINE MODULAR OFFICE BUILDING. HOT TAP EXISTING DOMESTIC WATER LINE AND PROVIDE CORP STOP IN TRAFFIC RATED METER BOX OR ACCEPTED ALTERNATE. PREPARE WORK PLAN AND SUBMITTAL PACKAGE FOR ENGINEER REVIEW PRIOR TO PROCUREMENT AND INSTALLATION.
 - COMMUNICATIONS VAULT PER ELECTRICAL DRAWINGS.
 - OVERHEAD POWER/POLE INSTALLED BY TPU
 - POLE INSTALLED BY CONTRACTOR

SDEV25-0024

Port of Tacoma
P.O. BOX 1837 TACOMA, WA 98401 (253)353-5841

sitts & hill
CIVIL | STRUCTURAL | ARCHITECTURAL | SURVEY
4815 CENTER STREET | TACOMA, WA 98409
PHONE: (253) 474-9449 | www.sitts-hill.com

MARK: REVISION: BY: DATE: 06/20/25



DCD	11/22/24	CHECKED BY	DATE
DKM	11/22/24	PROJ. ENGR	DATE
DKM	11/22/24	DIRECTOR	DATE

APPROVED: *Don Davis*

DIRECTOR: Don Davis, Jun 20, 2025
PORT ADDRESS: 802 PORT CENTER ROAD
TACOMA, WA 98421

EBC MOTIVE TEMPORARY POWER

C2.0
SH # 5 OF 19

PA: POT-PA-00000068	TOWNSHIP: 21	SECTION: 27
PROJ ID: 101686.01	DATE-HRZ: NAD83	VERT: MLW, 1983-2001 EPOCH
PHASE: ISSUED FOR CONST.	PARCEL: PORT PACEL 1B	DRAWING SCALE: AS NOTED

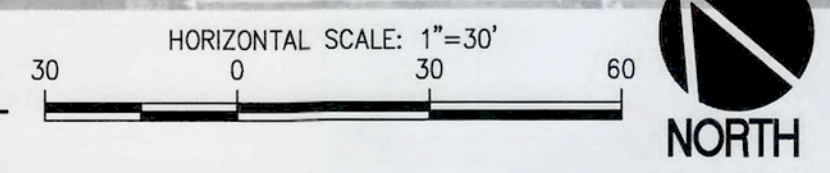
Project No.: 20757 Project Mgr.: DCD
Proj. Engineer: DKM Proj. Drafter: DKM

811 Call 811
two business days before you dig

REVISION #1
JUNE 20, 2025

sitts & hill
CIVIL | STRUCTURAL | ARCHITECTURAL | SURVEY
4815 CENTER STREET | TACOMA, WA 98409
PHONE: (253) 474-9449 | www.sitts-hill.com

SURFACING PLAN
SCALE: 1"=30'



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C:\Users\steven.garrett\OneDrive - Casne Engineering\Port of Tacoma\241038-005 POT EBC Substation\Drawings\E1.0T - Steven.garrett - LAST SAVE: 6/24/25 23:45:57 - PLOTTED: 6/24/25 23:47:51

BINDING EDGE

COMMENCEMENT BAY

BUILDING 532

12000 SQFT SILVERBACK BUILDING (FUTURE)

RESTROOM TRAILER (FUTURE)

(1) 1-1/2" C.O. SPARE COMMS (FUTURE SILVERBACK BUILDING)

(1) 2" C.O. SPARE COMMS

800A 480V, FUSED DISC/METER/CT 3R SEE DWG E10.4T DETAIL 1 (FUTURE)

TEMP SERVICE (2) 4" C.O. SPARE

DISTRIBUTION POLE MODULAR RESTROOM (FUTURE)

(FUTURE) OFFICE BLDG

(10) 4" C.O. SPARE

(1) 1-1/2" C.O.

MOTIVE MARINE YARD

OFFICE TRAILER (FUTURE)

800A 480V, FUSED DISC/METER/CT 3R SEE DWG E10.4T DETAIL 2

MOTIVE MARINE SERVICE BLDG

480V 800A PANEL NEMA 12 MM-DP-1 SEE DRAWING E4.0T FOR ENLARGED PLAN

(2) 4" C.O.

(1) 1-1/2" C.O.

PROVIDE 4" C.O. TPU PRIMARY MH-MMT1

POLE PROVIDED BY TPU TPU PRIMARY OVERHEAD LINE

RELOCATED POLE BY TPU

(1) 4" C.O. SPARE COMMS

MH-C1

MOTIVE MARINE SERVICE (2) 4" C 4#600KCML

TPU TEMP TRANSFORMER 13.8KV-480/277V 3Ø 1000KVA

(2) 4" C, 4#600KCML, #1/0 GND

MH-MMP1

(2) 4" C, 4#600KCML #1/0 GND (6) 4" C.O. SPARE

MH-MMP2

(2) 4" C 4#600KCML, #1/0 GND

(1) 1-1/2" C.O. SPARE COMMS

(2) 4" C, 4#600KCML #1/0 GND (6) 4" C.O. SPARE

MH-MMP2

(2) 4" C 4#600KCML, #1/0 GND

(2) 4" C, 4#600KCML #1/0 GND (6) 4" C.O. SPARE

MH-MMP2

(2) 4" C 4#600KCML, #1/0 GND

(2) 4" C, 4#600KCML #1/0 GND (6) 4" C.O. SPARE

MH-MMP2

(2) 4" C 4#600KCML, #1/0 GND

(2) 4" C, 4#600KCML #1/0 GND (6) 4" C.O. SPARE

MH-MMP2

LEGEND:

1. REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND ABBREVIATIONS.

GENERAL NOTES:

- 1. REFER TO PROJECT SPECIFICATIONS FOR GENERAL ELECTRICAL NOTES.
- 2. COORDINATE ALL SHUT-DOWN AND REMOVAL WORK WITH THE PORT OF TACOMA.
- 3. WORK IDENTIFIED UNDER "PORT CONSTRUCTION NOTES" TO BE PERFORMED UNDER PORT OF TACOMA CONTRACT. WORK IDENTIFIED UNDER "MOTIVE CONSTRUCTION NOTES" TO BE PERFORMED UNDER MOTIVE MARINE CONTRACT.

PORT CONSTRUCTION NOTES:

- 1. PROVIDE AND INSTALL UNDERGROUND CONDUIT FITTINGS, AND SUPPORTS. CONDUCTORS PROVIDED BY OTHERS.
- 2. PROVIDE AND INSTALL ELECTRICAL VAULT. REFER TO DRAWING E11.2T FOR DETAILS.
- 3. PROVIDE TPU 774 VAULT WITH COVER#2 FOR TEMPORARY TPU TRANSFORMER. COORDINATE SIZE, LOCATION AND INSTALLATION OF LID AND TRANSFORMER WITH TPU. REFER TO DRAWING E11.4T FOR TPU STANDARDS.
- 4. PROVIDE SERVICE CONDUIT ONLY, INSTALLED PER TACOMA POWER STANDARD C-UG-1100. COORDINATE INSTALLATION WITH UTILITY.
- 5. POLE TO BE PROVIDED BY TPU. PROVIDE RISER CONDUIT UP POLE, EXTENDING UNDERGROUND CONDUIT TO TRANSFORMER VAULT. REFER TO DRAWING E11.3T DETAIL 4.
- 6. PROVIDE AND INSTALL 4" CONDUIT PER TACOMA PUBLIC UTILITY C-UG-1100 STANDARD FOR MEDIUM VOLTAGE TRANSFORMER PRIMARY.
- 7. PROVIDE CONDUIT ONLY FROM FUTURE DISCONNECT/METERING LOCATION TO FUTURE MODULAR LOCATION, FOLLOWING SANITARY SEWER TRENCH. PROVIDE PULL STRING IN CONDUIT AND CAP FOR FUTURE USE.
- 8. PROVIDE AND INSTALL DISTRIBUTION POLE FOR FUTURE TEMPORARY SERVICE TO MODULAR BUILDINGS.
- 9. PROVIDE 444, 4"x4"x3'6" COMMUNICATIONS VAULT FOR FUTURE COMMUNICATION AND DATA UTILITIES. REFER TO DRAWING E11.2T FOR VAULT DETAILS.

MOTIVE CONSTRUCTION NOTES:

- 1. PROVIDE CONDUCTORS IN UNDERGROUND CONDUIT. CONDUIT PROVIDED BY OTHERS.
- 2. PROVIDE AND INSTALL 480V TEMPORARY SERVICE CT ENCLOSURE, METER BASE AND FUSED DISCONNECT ON UTILITY RACK. SEE DRAWING E10.4T FOR UTILITY RACK DETAIL.
- 3. PROVIDE AND INSTALL 480/277V PANEL FOR BUILDING SERVICE.
- 4. PROVIDE SERVICE CONDUCTORS IN CONDUIT, INSTALLED PER TACOMA POWER STANDARD C-UG-1100. COORDINATE INSTALLATION WITH UTILITY.

REVISION #1
JUNE 20, 2025

CASNE Engineering
3545 FACTORIA BOULEVARD SE, SUITE 200
BELLEVUE, WA 98006
(425) 522-1000 WWW.CASNE.COM

Port of Tacoma
P.O. BOX 1837 TACOMA, WA 98401 (253) 881-8841

DATE: 06/20/25
APPR: SHG
BY: SHG
REVISION #1 - COMM VAULT



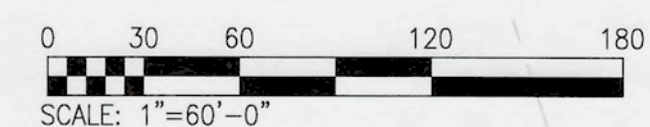
CEC 04/8/25
CHECKED BY: AA
DATE: 04/8/25
APPROVED: Steven Garrett
DIRECTOR ENG. DATE: Jun 24, 2025
PRINTED BY: steven.garrett
PORT ADDRESS: 401 East Alexander Ave
TACOMA, WA 98421

EBC MOTIVE TEMPORARY POWER

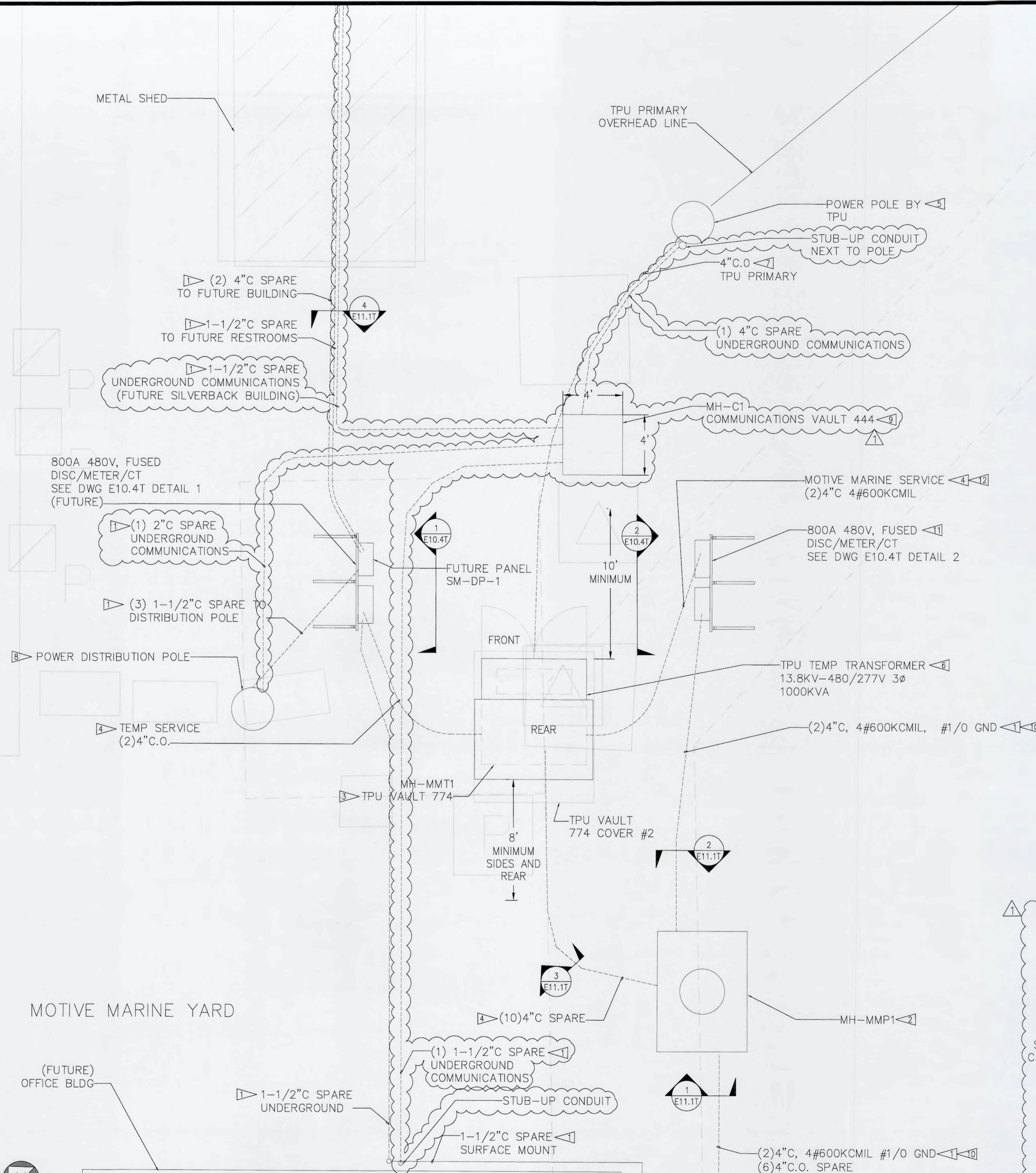
TEMPORARY POWER SITE PLAN
RANGE: 03 SECTION: 27
TOWNSHIP: 21
DATE-HRZ: . NAD83
VERT: MLW, 1983-2001 EPOCH
DRAWING SCALE: AS NOTED

6709
E1.0T
SH# 10 OF 19
PA: POT-PA-000000068
PROJ. ID: 101686.01
PHASE: ISSUE FOR BID

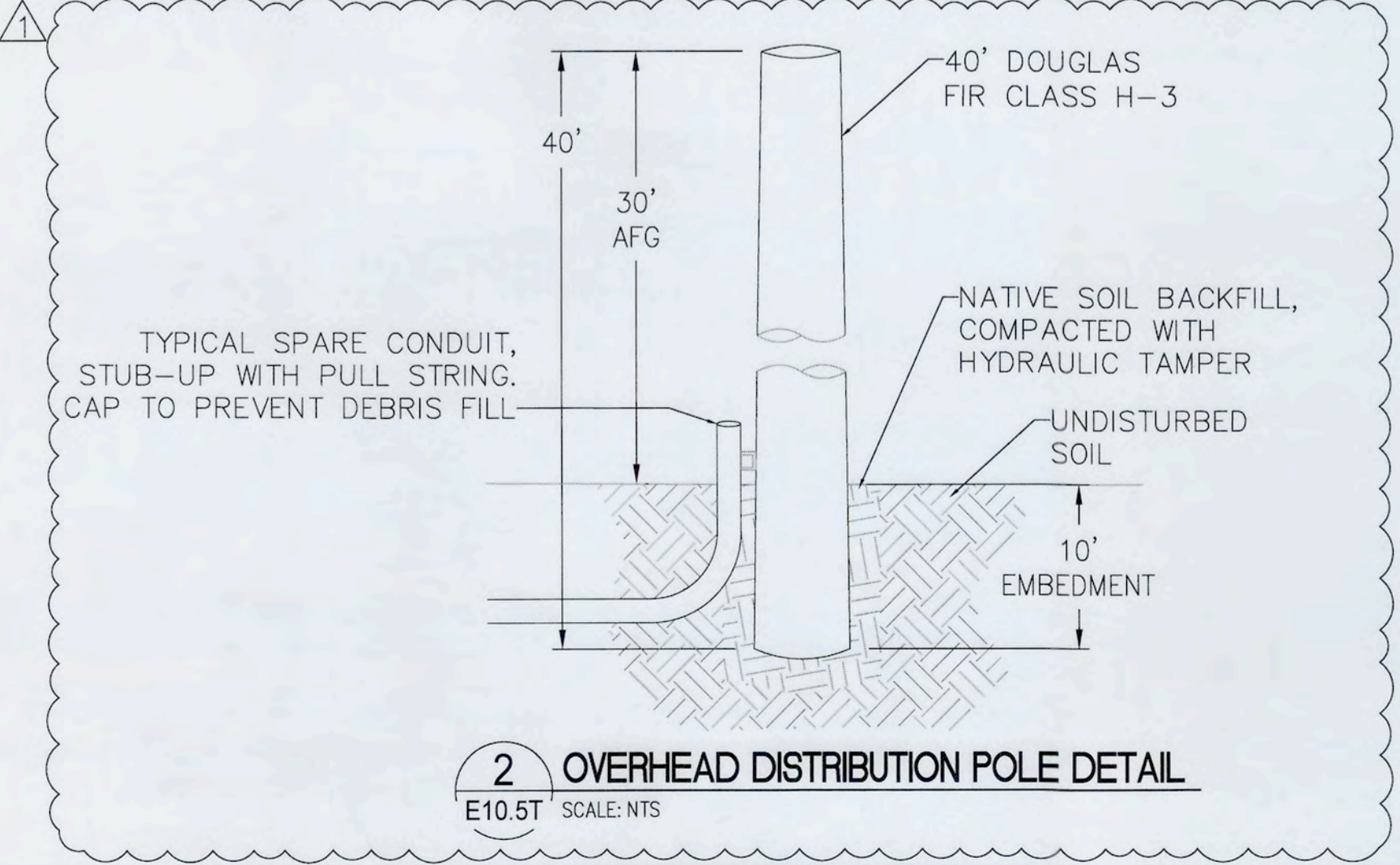
1 TEMP POWER SITE PLAN
E1.0T SCALE: 1"=60'-0"



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1 TEMP POWER SITE PLAN
E10.5T SCALE: 1/4"=1'-0"



2 OVERHEAD DISTRIBUTION POLE DETAIL
E10.5T SCALE: NTS

- LEGEND:**
- REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND ABBREVIATIONS.
- GENERAL NOTES:**
- REFER TO PROJECT SPECIFICATIONS FOR GENERAL ELECTRICAL NOTES.
 - COORDINATE ALL SHUT-DOWN AND REMOVAL WORK WITH THE PORT OF TACOMA.
 - WORK IDENTIFIED UNDER "PORT CONSTRUCTION NOTES" TO BE PERFORMED UNDER PORT OF TACOMA CONTRACT. WORK IDENTIFIED UNDER "MOTIVE CONSTRUCTION NOTES" TO BE PERFORMED UNDER MOTIVE MARINE CONTRACT.

- PORT CONSTRUCTION NOTES:**
- PROVIDE AND INSTALL UNDERGROUND CONDUIT FITTINGS, AND SUPPORTS. CONDUCTORS PROVIDED BY OTHERS.
 - PROVIDE AND INSTALL UTILITY VAULT. REFER TO DRAWING E11.2T FOR DETAILS.
 - PROVIDE TPU 774 VAULT WITH COVER#2 FOR TEMPORARY TPU TRANSFORMER. COORDINATE SIZE, LOCATION AND INSTALLATION OF LID AND TRANSFORMER WITH TPU. REFER TO DRAWING E11.4T FOR TPU STANDARDS.
 - PROVIDE SERVICE CONDUIT ONLY, INSTALLED PER TACOMA POWER STANDARD C-UG-1100. COORDINATE INSTALLATION WITH UTILITY.
 - POLE TO BE PROVIDED BY TPU. PROVIDE RISER CONDUIT UP POLE, EXTENDING UNDERGROUND CONDUIT TO TRANSFORMER VAULT. REFER TO DRAWING E11.3T DETAIL 4.
 - TRANSFORMER PROVIDED AND INSTALLED BY TACOMA PUBLIC UTILITIES.
 - PROVIDE AND INSTALL 4" CONDUIT PER TACOMA PUBLIC UTILITY STANDARD FOR MEDIUM VOLTAGE TRANSFORMER PRIMARY
 - PROVIDE AND INSTALL 40' CLASS H-3 DOUGLAS FIR DISTRIBUTION POLE. EMBED 10' IN NATIVE SOIL. REFER TO E10.5T DETAIL 2.
 - PROVIDE 444 VAULT FOR COMMUNICATIONS. REFER TO E11.2T FOR VAULT DETAIL.

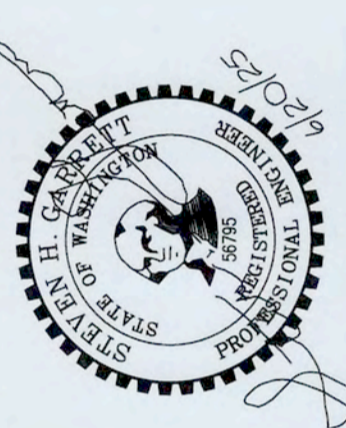
- MOTIVE CONSTRUCTION NOTES:**
- PROVIDE CONDUCTORS IN UNDERGROUND CONDUIT. CONDUIT PROVIDED BY OTHERS.
 - PROVIDE AND INSTALL 480V TEMPORARY SERVICE CT ENCLOSURE, METER BASE AND FUSED DISCONNECT ON UTILITY RACK. SEE DRAWING E10.4T FOR UTILITY RACK DETAIL.
 - PROVIDE SERVICE CONDUCTORS IN CONDUIT, INSTALLED PER TACOMA POWER STANDARD. COORDINATE INSTALLATION WITH UTILITY.

REVISION #1
JUNE 20, 2025

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(425) 822-1000 WWW.CASNE.COM

Port of Tacoma
P.O. BOX 1887 TACOMA, WA 98401-0188

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	REVISION #1 - COMM VAULT	SHG	06/20/2025



CEC 04/8/25	CHECKED BY	DATE
AA 04/8/25	AA	04/8/25
APPROVED:	DIRECTOR ENGR.	DATE
<i>Steven Garrett</i>	steven.garrett	Jun 24, 2025
PRINTED BY:	PORT ADDRESS:	TACOMA, WA 98421

6709

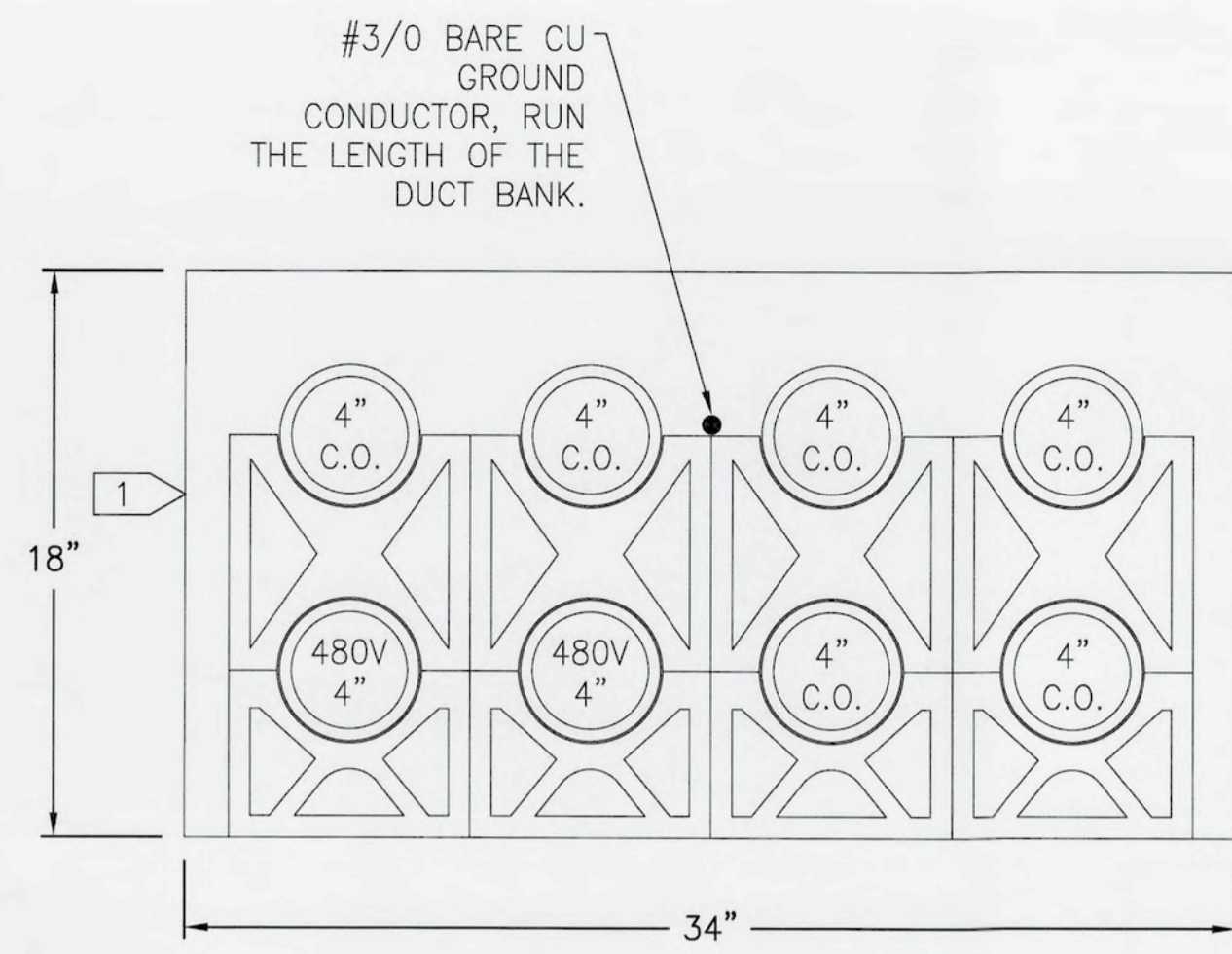
E10.5T
SH# 15 OF 19

EBC MOTIVE TEMPORARY POWER

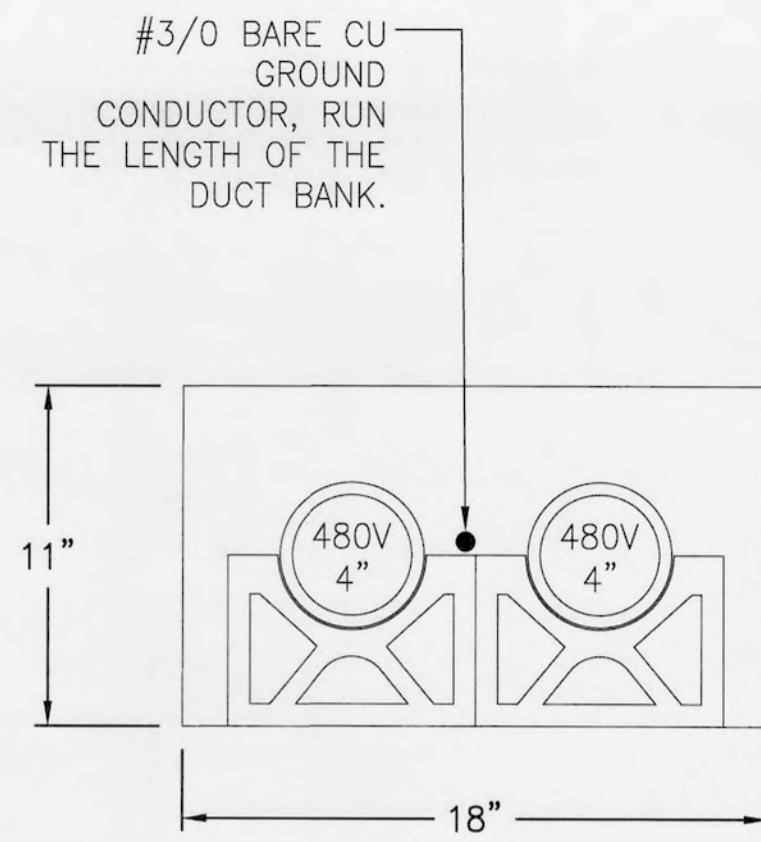
ENLARGED TEMPORARY POWER SITE PLAN

TOWNSHIP: 21	RANGE: 03	SECTION: 27
PROJ. ID: 101686.01	DAT-HRZ: NAD83	VERT: MLW, 1983-2001 EPOCH
PHASE: ISSUE FOR BID	PARCEL: -----	DRAWING SCALE: AS NOTED

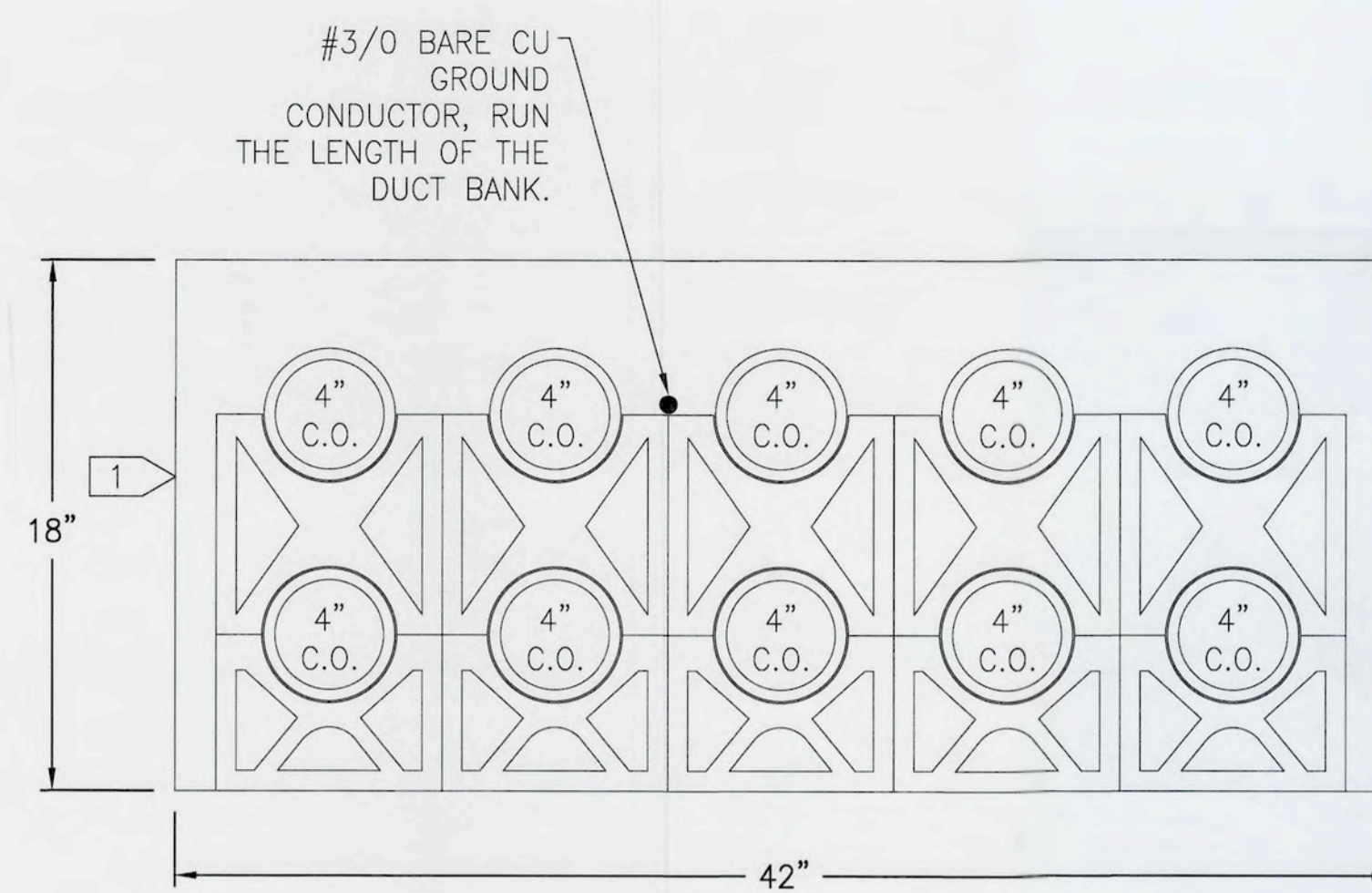
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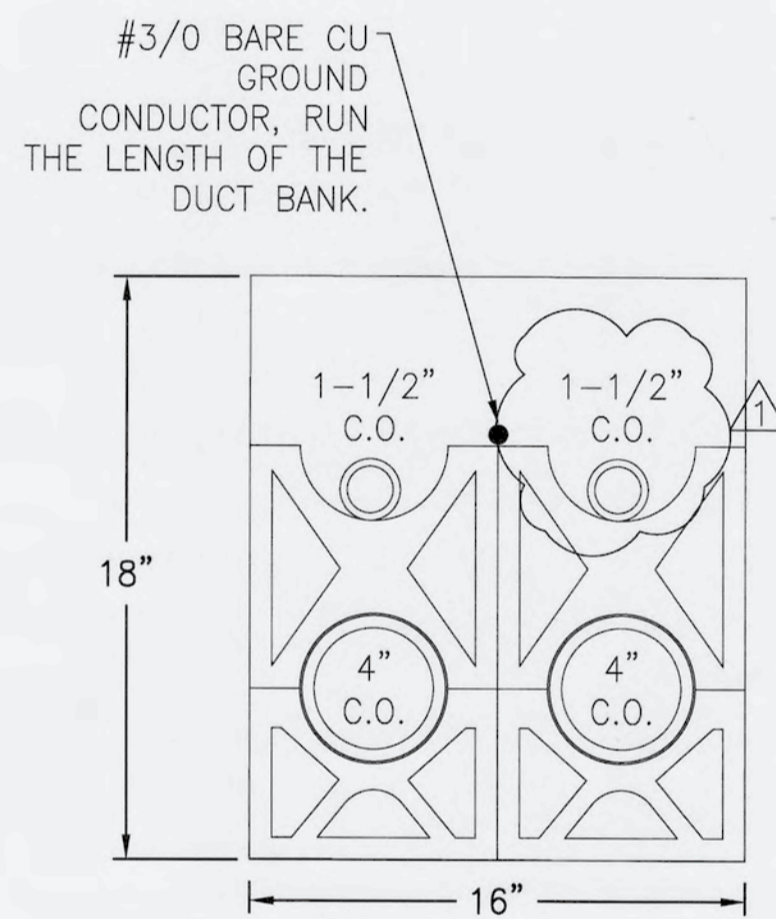
1 480V DUCT BANK SECTION
E11.1T SCALE: 2" = 1'-0"



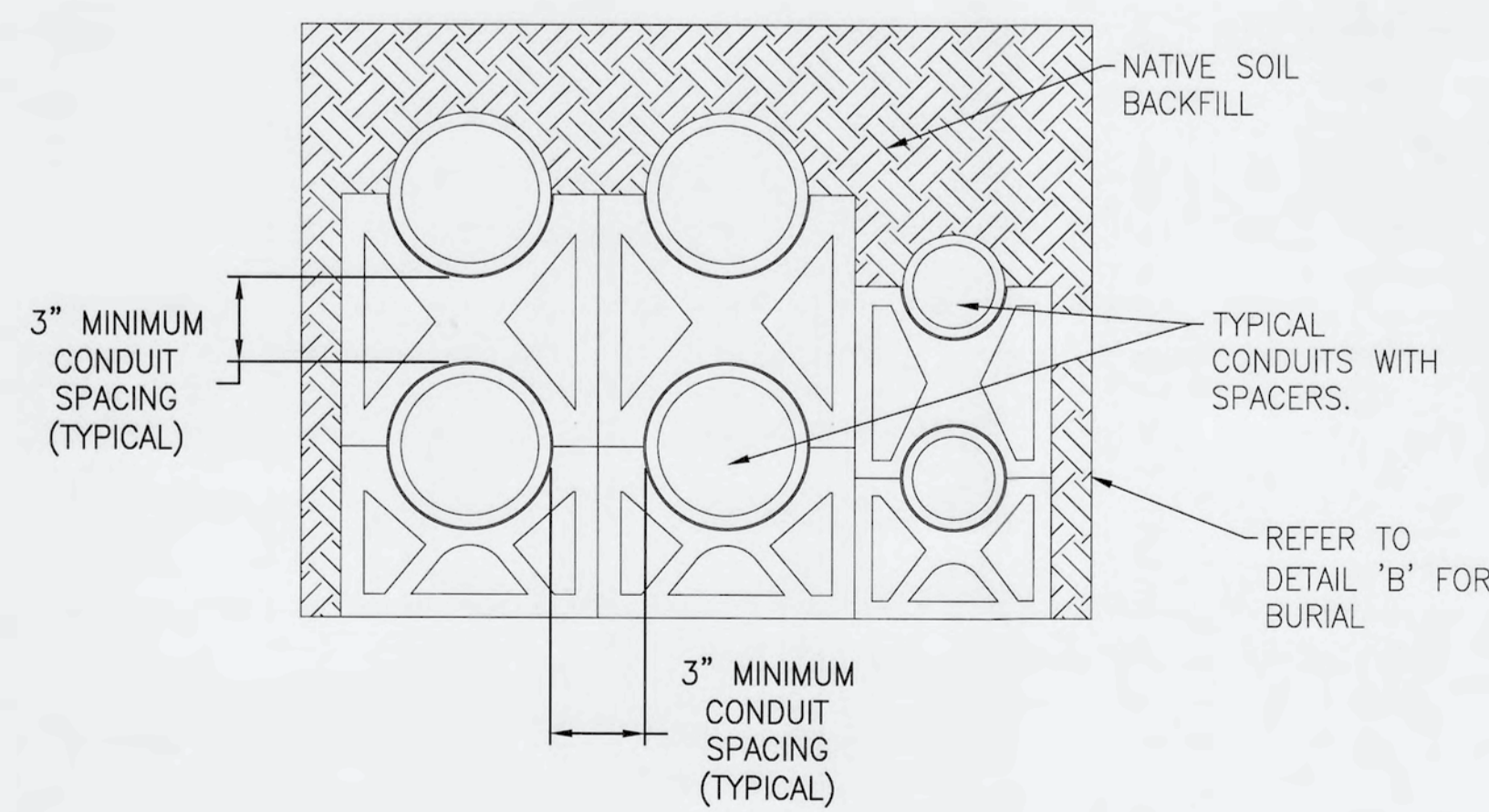
2 480V DUCT BANK SECTION
E11.1T SCALE: 2" = 1'-0"



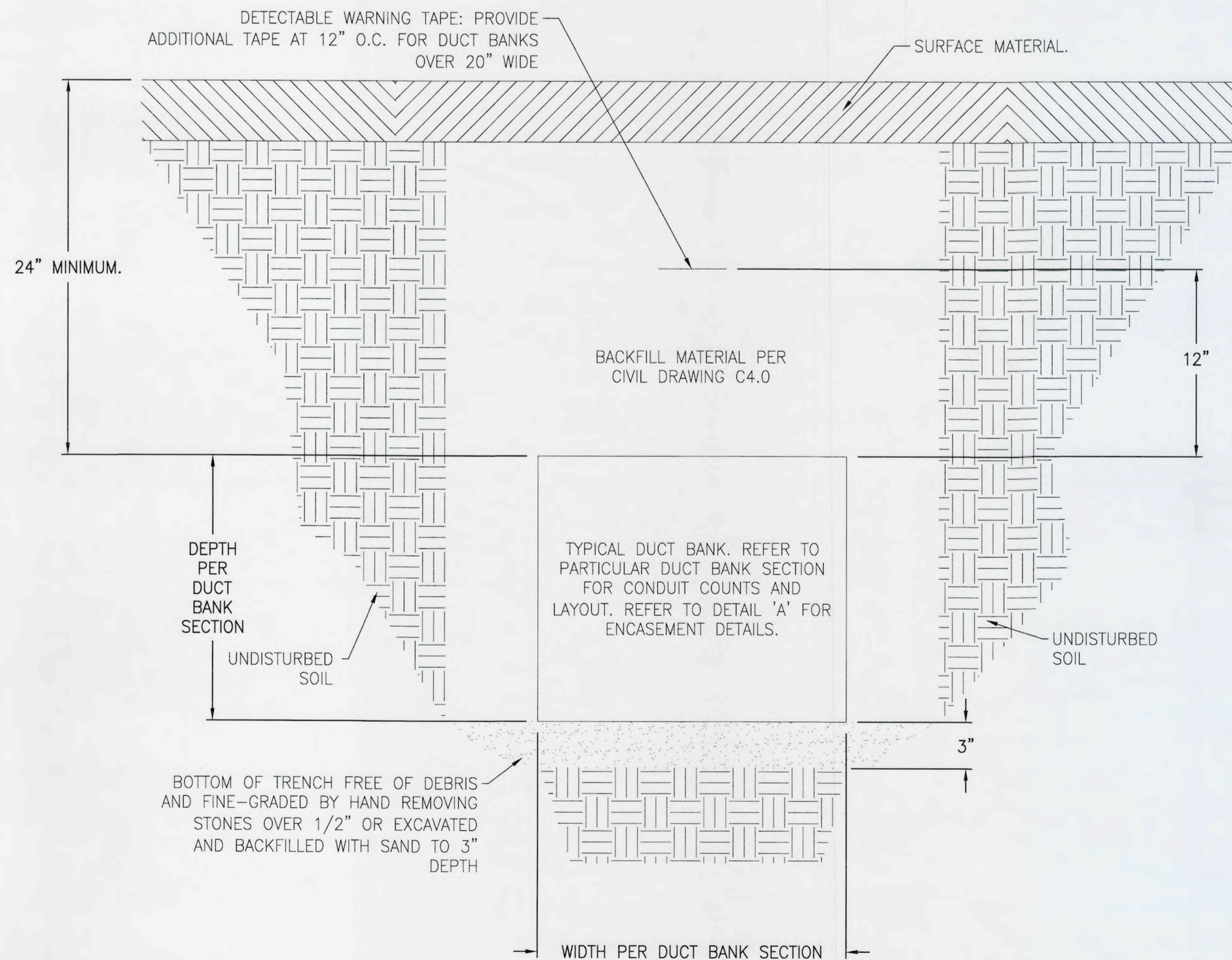
3 SPARE DUCT BANK SECTION
E11.1T SCALE: 2" = 1'-0"



4 SPARE DUCT BANK SECTION
E11.1T SCALE: 2" = 1'-0"



A TYPICAL DUCT BANK CONCRETE ENCASEMENT DETAIL
E11.1T SCALE: 2" = 1'-0"



B SERVICE BUILDING 480V PLAN-REMOVAL
E11.1T SCALE: 2" = 1'-0"

LEGEND:

1. REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND ABBREVIATIONS

GENERAL NOTES:

- DUCT BANK SECTION SHOWN SHALL INSTALLED PER DETAILS A AND B (THIS DRAWING).
- CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL EXISTING UNDERGROUND INTERFERENCES INCLUDING MECHANICAL, ELECTRICAL AND CIVIL INSTALLATIONS WHICH MAY NOT BE SHOWN BUT MAY OVERLAP WITH FINAL ROUTING OF DUCT BANKS AND/OR LOCATION OF MANHOLES. ANY DAMAGE TO SUCH EXISTING INSTALLATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE.
- BASE AND INTERMEDIATE DUCT SPACERS SHALL BE PLACED 12" FROM EACH JOINT AND ON 5'-0" CENTERS THROUGHOUT THE DUCT RUN.
- ANCHOR CONDUIT SPACERS TO PAVERS OR BRICKS AS REQUIRED TO PREVENT FLOTATION DUE TO HIGH WATER TABLE DURING CONSTRUCTION OR CONCRETE POURING. ALLOW HORIZONTAL MOVEMENT DUE TO TEMPERATURE FLUCTUATIONS.
- MAINTAIN 12" MINIMUM EDGE-TO-EDGE SEPARATION BETWEEN POWER CONDUIT AND COMMUNICATION CONDUIT IN CONCRETE OR IN EARTH.
- MAINTAIN MINIMUM 12" SEPARATION BETWEEN DUCT BANK AND UTILIDOR OR EXPOSED MECHANICAL PIPING UNLESS OTHERWISE NOTED.
- ALL PROJECT RELATED CONDUITS, EXISTING OR NEW SHALL BE PROVEN SUITABLE FOR CABLE PLACEMENT BY PULLING THROUGH THE FOLLOWING MANDRELS IN THE ORDER DEFINED:
 - A WOODEN OR ALUMINUM TEST MANDREL TO VERIFY CONDUITS ARE NOT CRUSHED.
 - A POLYURETHANE, NEOPRENE OR LEATHER MANDREL FOR CLEANING DEBRIS.
 - A LUBRICATION SPREADING MANDREL TO PREPARE FOR CABLE PULLING (WHERE APPLICABLE).
- ALL SPARE OR EMPTY CONDUITS SHALL BE EQUIPPED WITH 1/2" MULETAPE OR EQUIVALENT, RATED AT MINIMUM 1,500 POUNDS PULLING STRENGTH.
- USE MINIMUM 25' BENDING RADIUS FOR ALL HORIZONTAL BENDS EXCEPT WHERE PLANS INDICATE OTHERWISE.
- USE MINIMUM 3' BENDING RADIUS FOR ALL CONDUIT STUB-UPS.
- SEE SPECIFICATION 26 05 43 FOR ADDITIONAL REQUIREMENTS.
- REFER TO DRAWING E1.0T FOR SECTION CUT LOCATIONS.

REVISION #1
JUNE 20, 2025

Port of Tacoma
P.O. BOX 1837 TACOMA, WA 98421

CASNEE Engineering
3545 FACTORIA BOULEVARD, SUITE 200
TACOMA, WA 98406
(425) 822-1000 WWW.CASNEE.COM JOB NO. 241038-005

DATE: 06/20/25
APPR: [Signature]
BY: SHC
REVISION #1 - COMM. VAULT
MARK: [Signature]



CEC 04/8/25	CHECKED BY	DATE
AA 04/8/25	AA 04/8/25	DATE
APPROVED: [Signature]	DIRECTOR	DATE
PRINTED BY: steven.garrett	PROJ. ENGR	DATE
PORT ADDRESS: 401 EAST ALEXANDER AVE	PORT ADDRESS: 401 EAST ALEXANDER AVE	DATE
TACOMA, WA 98421	TACOMA, WA 98421	DATE

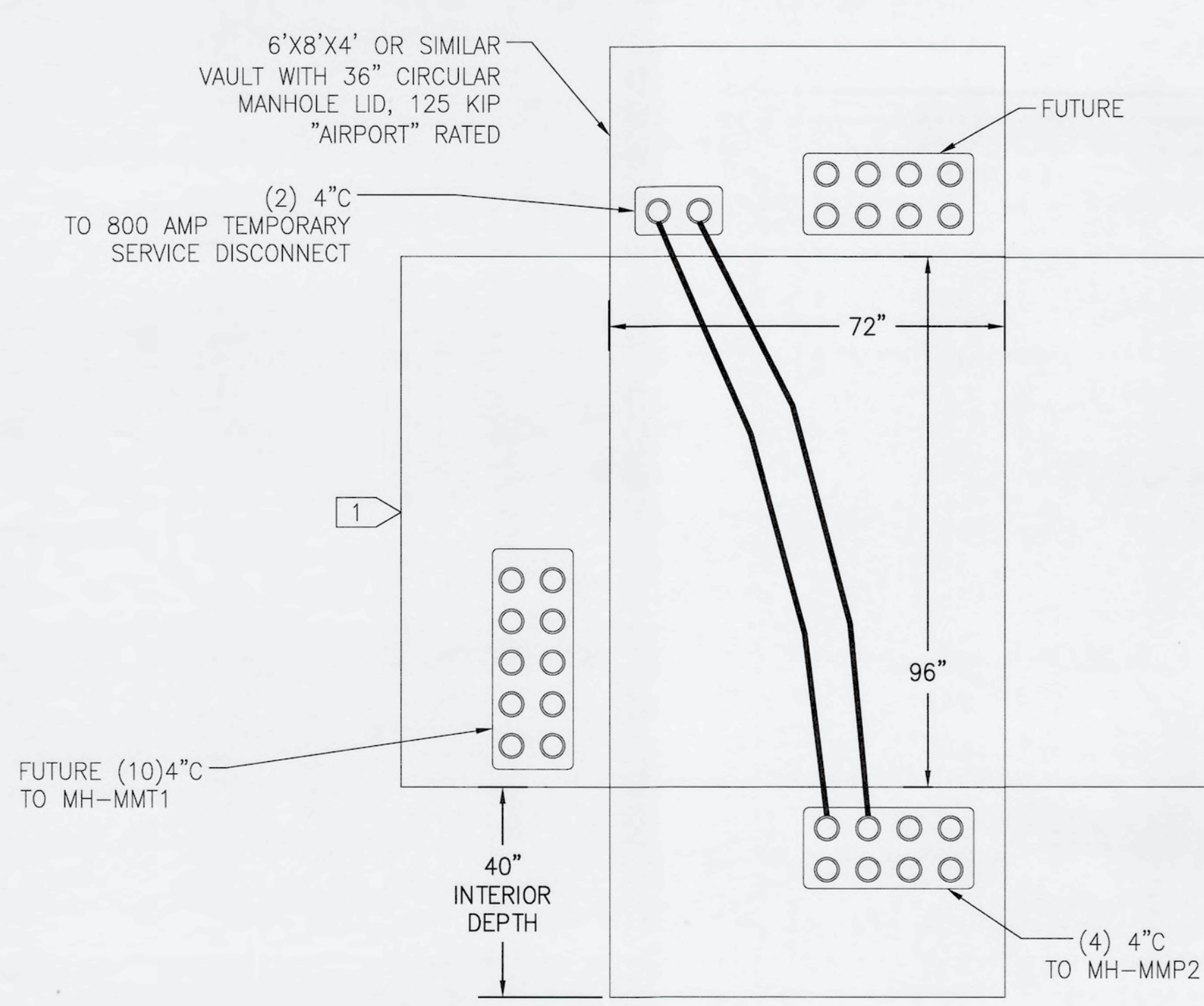
6709 E11.1T
S# 16 OF 19

EBC MOTIVE TEMPORARY POWER

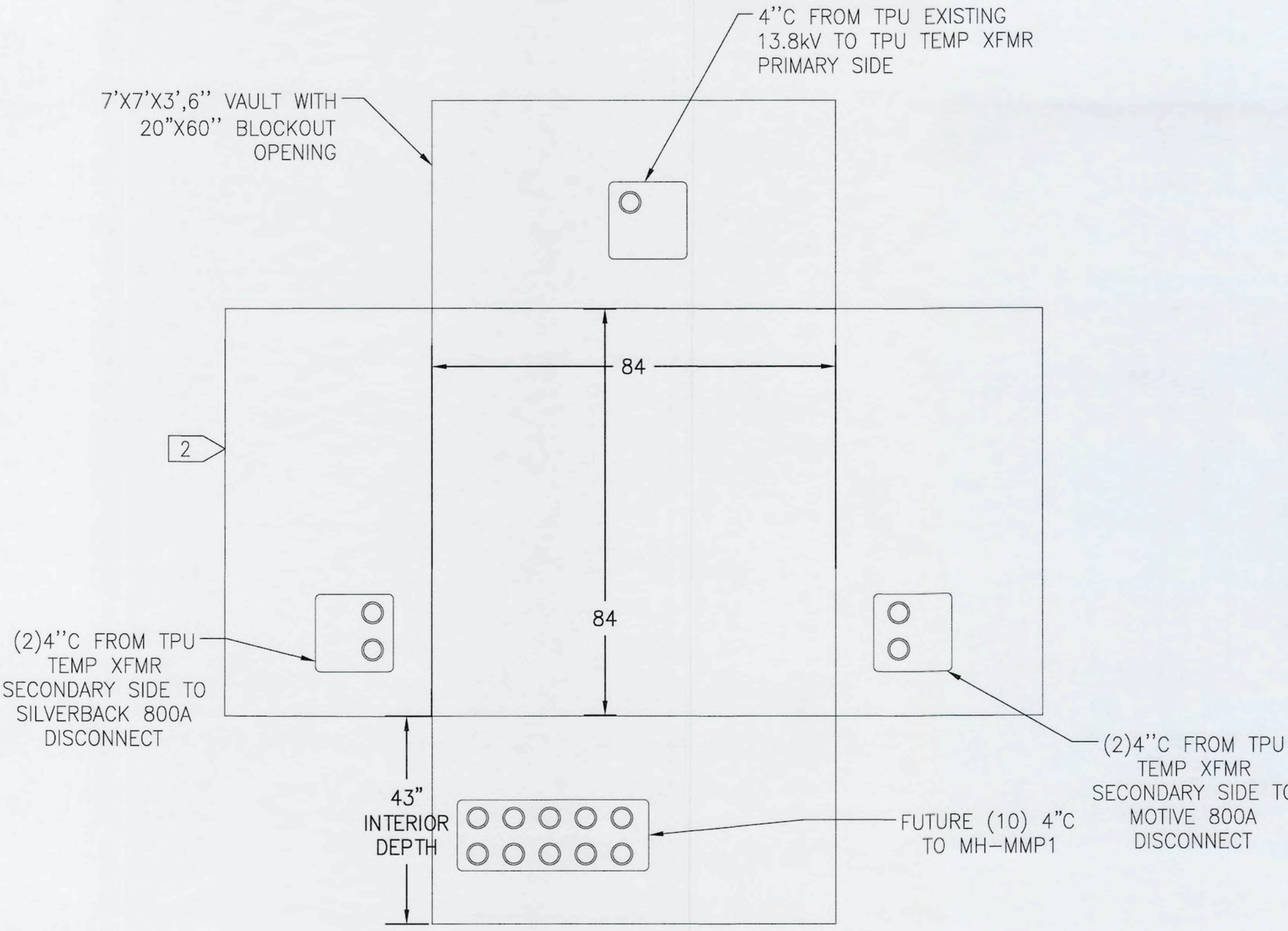
DUCT BANK DETAILS

TOWNSHIP: 21 NORTH RANGE: 3 EAST SECTION: 27
DATE-HRZ: NAD83 VERT: MLLW 1983-2001 EPOCH
PARCEL: PORT PARCEL TB DRAWING SCALE: AS NOTED

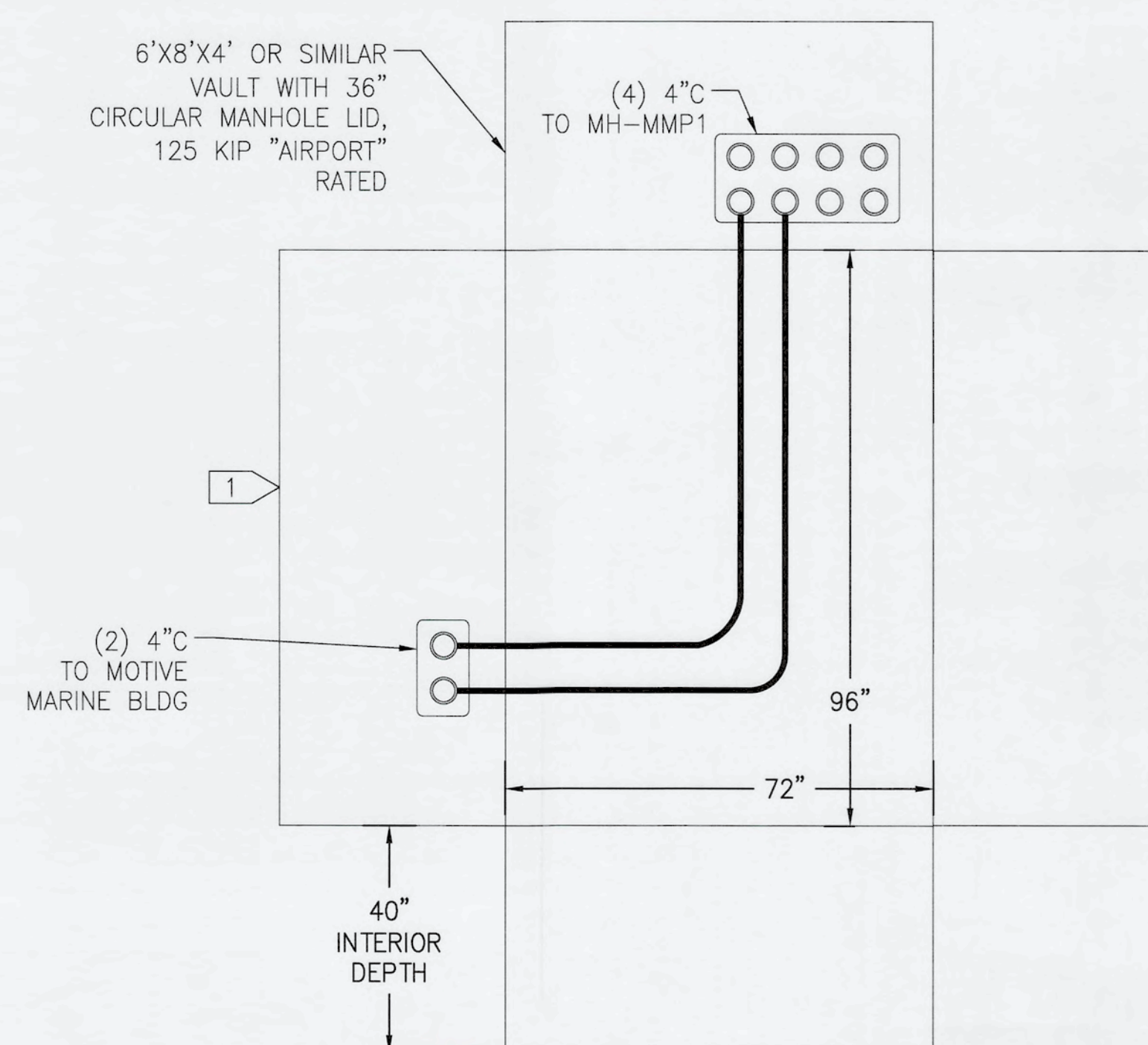
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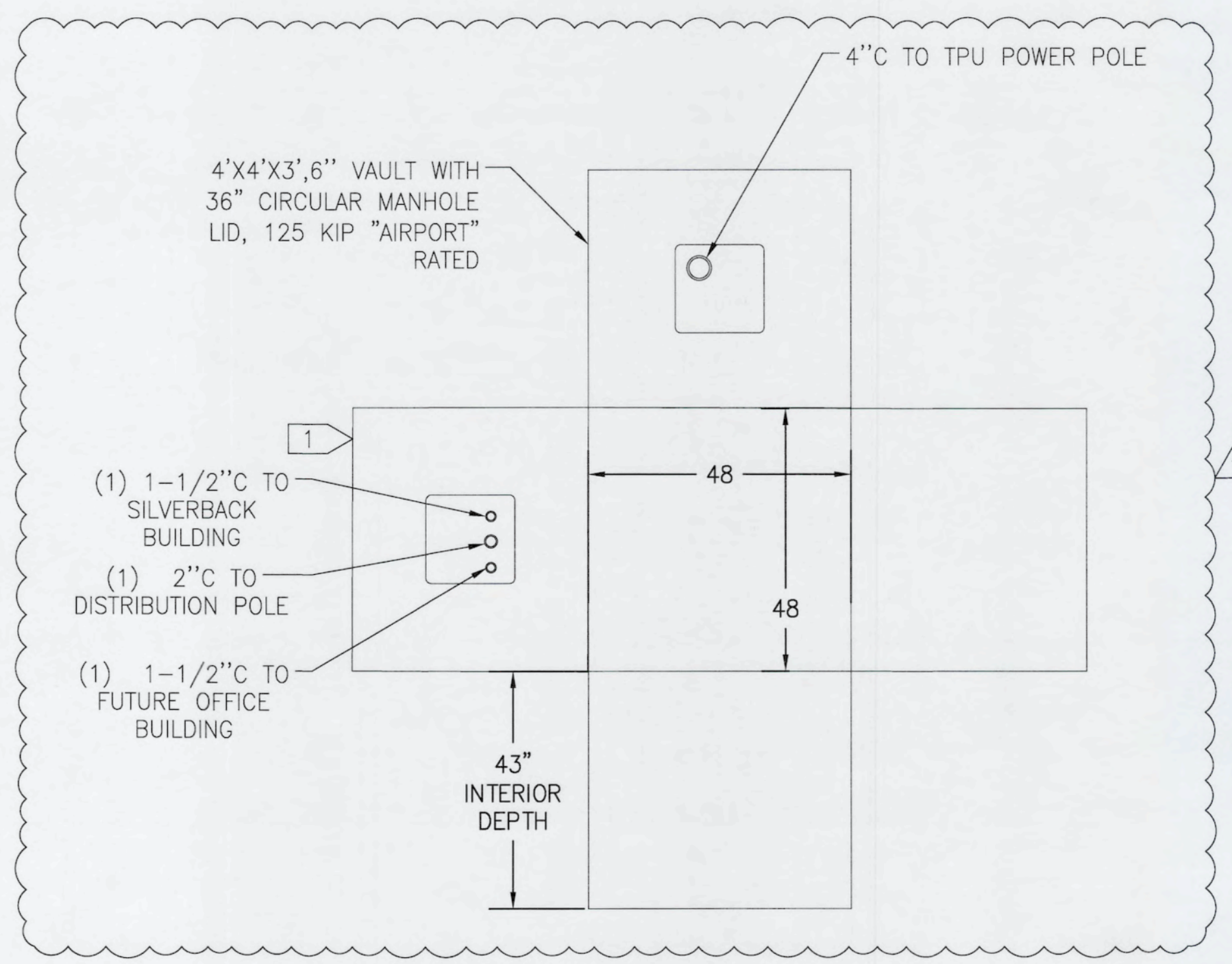
1 MH-MMP1 480V VAULT BUTTERFLY
E11.2T SCALE: 1/2" = 1'-0"



3 MH-MMT1 TRANSFORMER VAULT BUTTERFLY
E11.2T SCALE: 1/2" = 1'-0"



2 MH-MMP2 480V VAULT BUTTERFLY
E11.2T SCALE: 1/2" = 1'-0"



4 MH-C1 COMMUNICATIONS VAULT BUTTERFLY
E11.2T SCALE: 1/2" = 1'-0"

LEGEND:

- 1. REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND ABBREVIATIONS

GENERAL NOTES:

- 1. REFER TO DRAWING E11.3T DETAILS 1 AND 2 FOR MANHOLE GROUNDING AND CABLE RACKING DETAILS.
- 2. REFER TO DRAWING E11.4T DETAILS 1 THROUGH 5 FOR 1500KVA TRANSFORMER 774 VAULT WITH COVER #2 CONSTRUCTION.
- 3. REFER TO DRAWING E11.5T DETAILS 1 THROUGH 3 FOR COMMUNICATIONS 444 VAULT WITH COVER #2 CONSTRUCTION.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL EXISTING UNDERGROUND INTERFERENCES INCLUDING MECHANICAL, ELECTRICAL AND CIVIL INSTALLATIONS WHICH MAY NOT BE SHOWN BUT MAY OVERLAP WITH FINAL ROUTING OF DUCT BANKS AND/OR LOCATION OF MANHOLES. ANY DAMAGE TO SUCH EXISTING INSTALLATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE

3. VERIFY MANHOLE ELEVATIONS AND DUCT ARRANGEMENT PRIOR TO PLACEMENT TO ENSURE PROPER COORDINATION WITH DUCT BANK ELEVATION, CROSS-SECTIONS AND THE PREMANUFACTURED CONDUIT KNOCKOUTS. THE CONTRACTOR MAY USE MANUFACTURER'S STANDARD DESIGN KNOCKOUTS OR CUSTOM DESIGNED KNOCKOUTS AS REQUIRED TO ACCOMMODATE THE DUCT BANK PROFILES AND CROSS SECTIONS INDICATED.

4. ADD RISERS AS NECESSARY TO BRING MANHOLE OPENING TO GRADE. MANHOLE COVER SHALL BE 1" ABOVE FINISH GRADE AND SLOPED TO PREVENT WATER ENTRY.

5. ALL SEAMS IN RISER AND MANHOLES SHALL BE GROUTED WITH QUICK PLUG OR EQUIVALENT PER UTILITY VAULT SPECIFICATIONS.

6. CONDUIT TERMINATIONS AT MANHOLES SHALL ENTER THROUGH PRE-SET KNOCKOUTS ONLY AND NOT EXTEND MORE THAN 3/4" BEYOND INSIDE WALL EXCEPT WHERE CONDUIT IS REQUIRED TO PASS THROUGH.

7. ALL MANHOLES SHALL BE EQUIPPED WITH STAINLESS STEEL PULLING IRONS AND STAINLESS HARDWARE.

8. STAINLESS STEEL OR NON-METALLIC CABLE RACKING SHALL BE PROVIDED IN ALL POWER MANHOLES AS REQUIRED FOR THE SPECIFIC QUANTITY OF CABLE AND/OR TYPE OF TERMINATION/SPLICE.

9. SEE CIVIL AND STRUCTURAL PLANS FOR TRENCH AND BACKFILL REQUIREMENTS.

10. REFER TO DRAWINGS E1.0T FOR VAULT LOCATIONS.

REVISION #1
JUNE 20, 2025



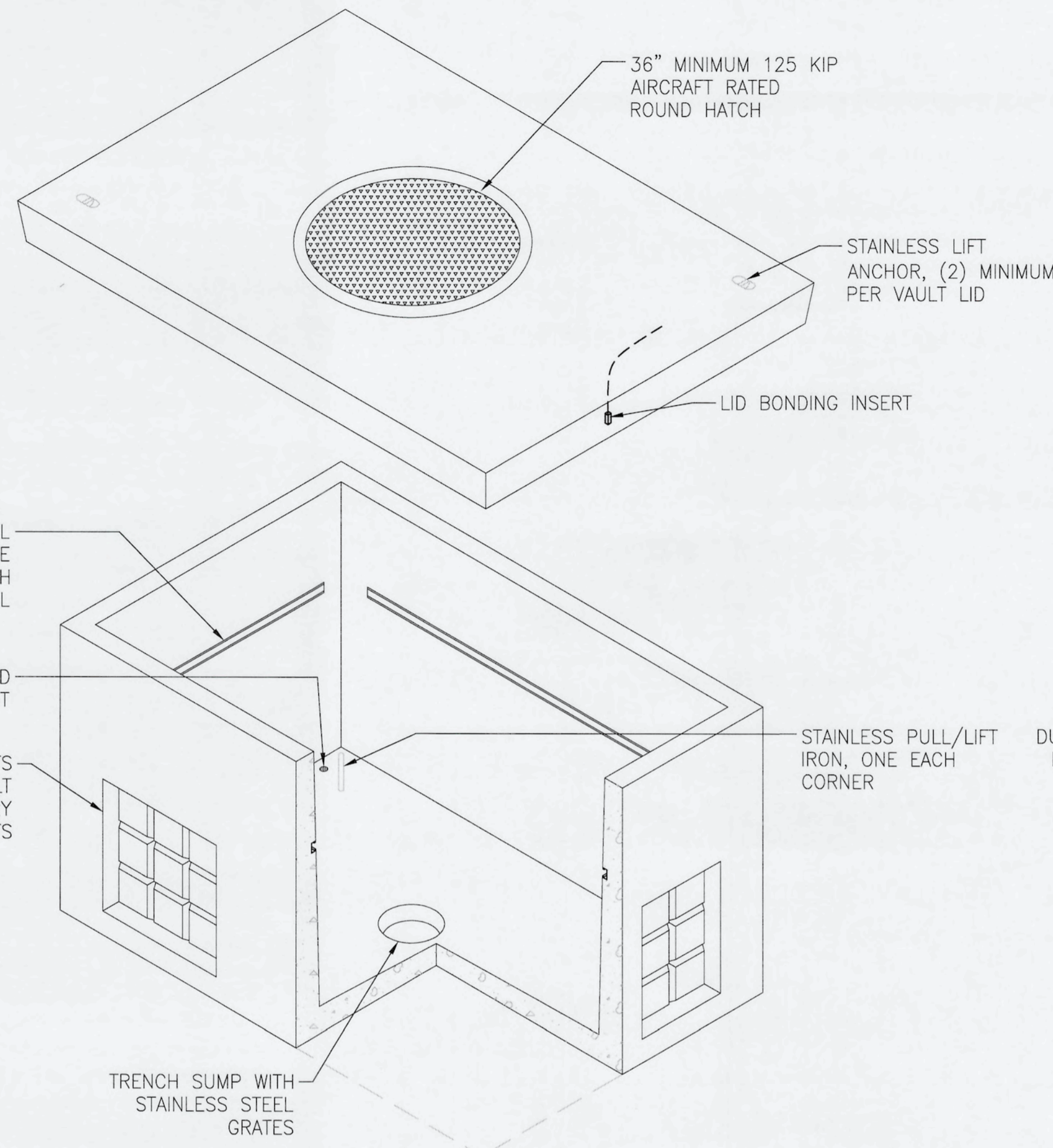
CASNE Engineering
3545 PACIFICA BOULEVARD SE., SUITE 200
TACOMA, WA 98409
(253) 522-1000 WWW.CASNE.COM



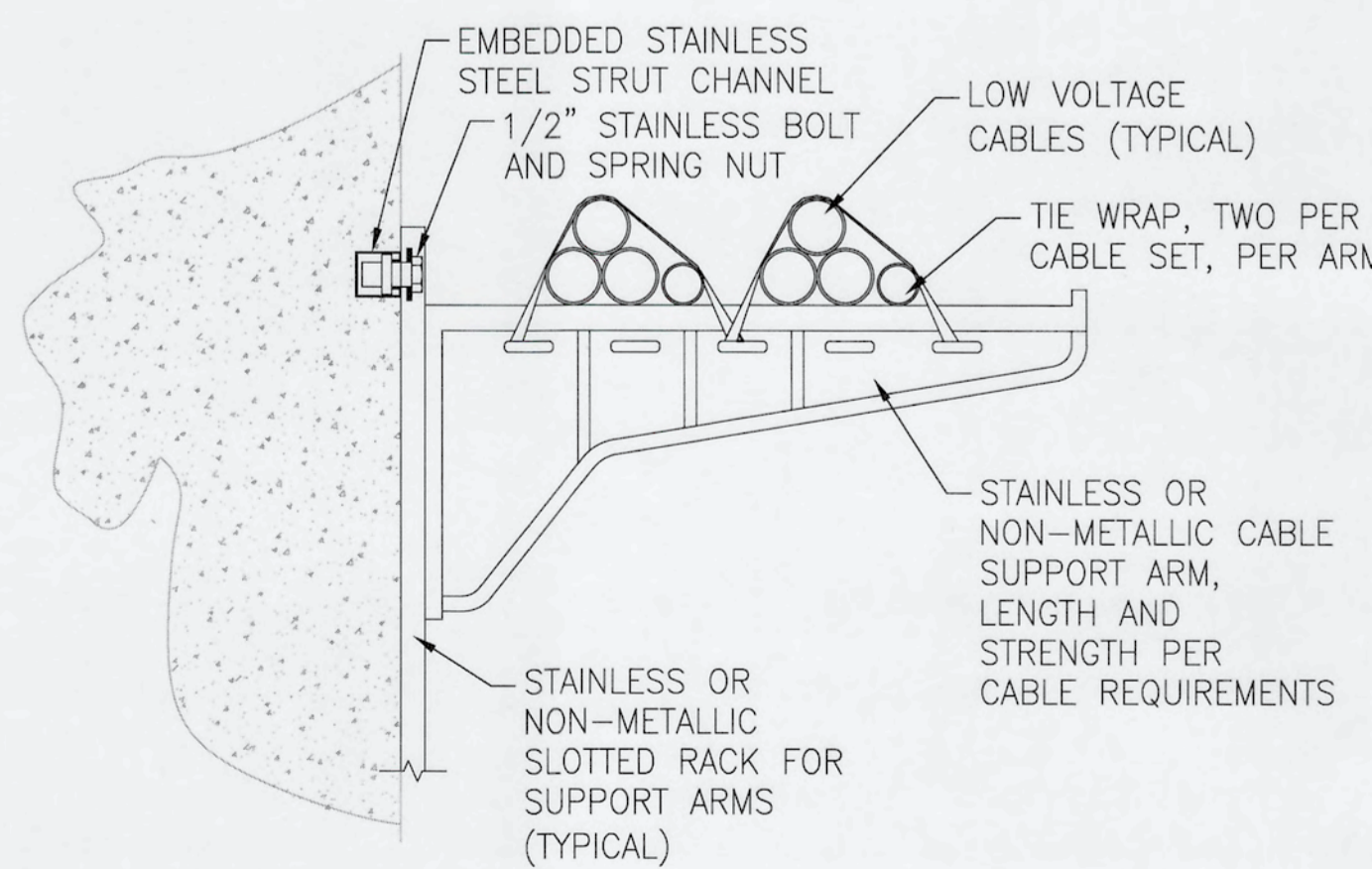
CEC 04/8/25	CHECKED BY	DATE
AA 04/8/25	PROJ. ENGR	DATE
steven.garrett	DIRECTOR ENCL. DATE	PRINTED BY: steven.garrett Jun 24, 2025
	PORT ADDRESS: 401 EAST ALEXANDER AVE	TACOMA, WA 98421

6709	EBC MOTIVE TEMPORARY POWER		
	VAULT DETAILS		
E11.2T	TOWNSHIP: 21	RANGE: 3	SECTION: 27
SH# 17 OF 19	DATE: 10/16/86.01	VERT: MLW, 1983-2001	EPOCH
PA: POT-PA-000000068	PARCEL: PORT PARCEL 1B	DRAWING SCALE:	AS NOTED
PROJ. ID: 101686.01	PHASE: ISSUE FOR BID		

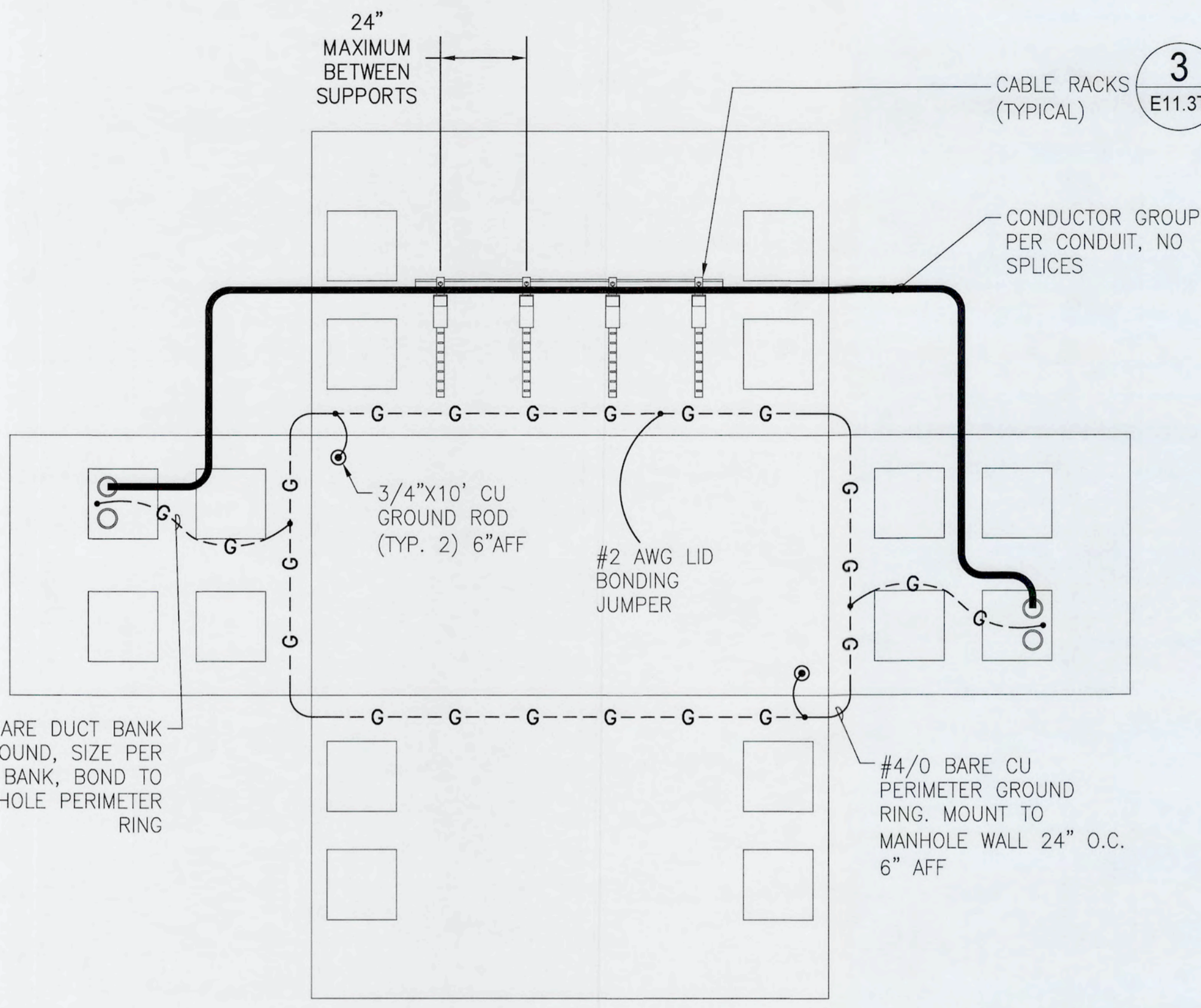
C:\Users\steven.garrett\KIRKLAND\OneDrive - Casne Engineering\Port of Tacoma\241038-005 POT EBC Substation\Drawings\E11.3T - Steven.garrett - LAST SAVE: 6/24/25 23:38:00 - PLOTTED: 6/24/25 23:44:47



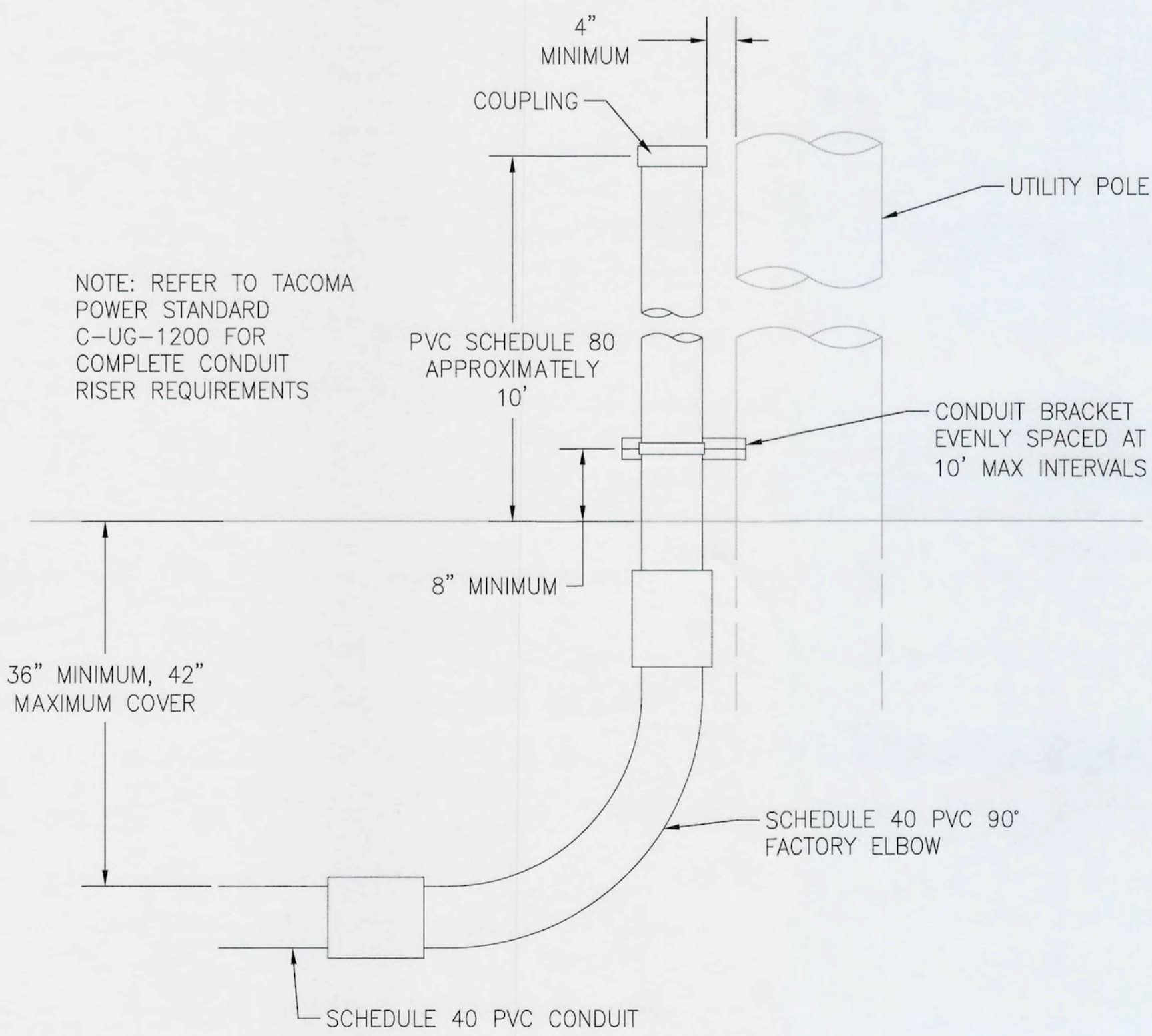
1 TYPICAL ELECTRICAL OR COMMUNICATION VAULT DETAIL
E11.3T SCALE: NONE



3 CABLE SUPPORT DETAIL
E11.3T SCALE: NONE



2 TYPICAL ELECTRICAL VAULT SUPPORT AND GROUNDING DETAIL
E11.3T SCALE: NONE



4 CONDUIT RISER DETAIL
E11.3T SCALE: NONE

LEGEND:
1. REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND ABBREVIATIONS

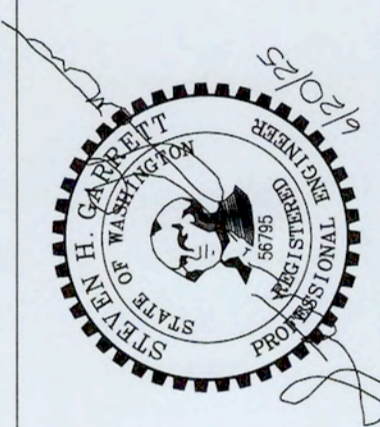
GENERAL NOTES:
1. REFER TO PROJECT SPECIFICATIONS FOR GENERAL ELECTRICAL NOTES.

REVISION #1
JUNE 20, 2025

CASNE Engineering
3545 TACOMA BLVD, SUITE 200
BELLEVUE, WA 98005
(425) 522-1000 WWW.CASNE.COM

Port of Tacoma
P.O. BOX 187 TACOMA, WA 98404

MARK: REVISION: BY: DATE: APPR: 06/20/25
REVISION #1 - COMM VAULT SHG



CEC 04/8/25
CHECKED BY: AA 04/8/25
DATE: AA 04/8/25
PROJ. ENGR: steven.garrett Jun 24, 2025
DATE: steven.garrett Jun 24, 2025
DIRECTOR ENGR: steven.garrett Jun 24, 2025
DATE: steven.garrett Jun 24, 2025
TACOMA, WA 98421

EBC MOTIVE TEMPORARY POWER

DETAILS
RANGE: 3 SECTION: 27
TOWNSHIP: 21 VERT: MLW, 1983-2001 EPOCH
DATE-HRZ:
PARCEL: PORT PARCEL 1B DRAWING SCALE: AS NOTED

6709
E11.3T
SH# 18 OF 19
P.A.: POT-PA-000000068
PROJ. ID: 101686.01
PHASE: ISSUE FOR BID