

**MUNICIPALITY OF ANCHORAGE**  
**Type 1 Storm Water Pollution Prevention Plan**

Project Name: CEA South Campus Pole Relocation MOA Permit Number: \_\_\_\_\_

Single Family/Duplex or Commercial? Area of Disturbance (sq. ft) 660 Excavation Depth ft): 5

Subdivision: International Industrial Center Lot: \_\_\_\_\_ Block: \_\_\_\_\_ Tract: TR 2 Parcel: 01035102000

Street Address: 5601 Electron Dr

Contact Name: Annie Collie; Midnight Sun Environmental, LLC Phone Number: (907) 344-3244

**The Minimum Requirements that may apply to any proposed new development or redevelopment are identified here and, if applicable, satisfied through the submission of this completed form.**

**Applicability:** A Type 1 SWPPP must be submitted if your project is within the MOA and if it:

- Disturbs less than 10,000 square feet of land AND
- Is not part of a larger common plan of development. "Common Plan of Development" is a contiguous construction project where multiple separate and distinct construction activities may be taking place at different times on different schedules but under one plan. Included in this definition are most subdivisions and industrial parks

In particular, the operators of these projects must:

- Complete and submit this form to the MOA.
  - ✓ Fill in appropriate boxes on pages 2-4
  - ✓ Complete the site plan sketch on page 5.
  - ✓ Complete the Owner's statement on page 6.
- Complete and submit a Stormwater Runoff Threat Assessment Form (Appendix A).
- Conduct work in a "good housekeeping" manner.
- Implement appropriate BMPs for control of stormwater runoff during construction, including:
  - ✓ Isolate construction materials from rainfall and snowfall events
  - ✓ Prevent the transport of sediment beyond site boundaries
  - ✓ Stabilize soil on non-building site areas
- Perform inspections and properly maintain erosion and sediment controls
- Achieve final site stabilization

**MUNICIPALITY OF ANCHORAGE**

**Type 1 Storm Water Pollution Prevention Plan**

Check appropriate blanks below and complete the site diagram with necessary information.

**Site Characteristics**

Complete	Not Applicable	
<u>  X  </u>	<u>      </u>	North arrow and site boundary. Indicate and name adjacent streets or roadways.
<u>  X  </u>	<u>      </u>	Location of existing drainage ways, streams, rivers, lakes, wetlands, or wells near the site.
<u>  X  </u>	<u>      </u>	Location of existing and planned storm sewer inlets and culvert crossings within 100 feet of the site.
<u>  X  </u>	<u>      </u>	Location of existing and proposed buildings and paved areas.
<u>  X  </u>	<u>      </u>	Areas of land disturbance, which includes areas of soil disturbance for any purpose, including footings, foundations, parking, driveways, staging, temporary access, on-site wastewater systems, and on- and off-site utilities
<u>  X  </u>	<u>      </u>	Limits and approximate dimensions of the proposed disturbed area on the site.
<u>  X  </u>	<u>      </u>	Approximate gradient and direction of slopes before grading operations
<u>  X  </u>	<u>      </u>	Approximate gradient and direction of planned slopes after grading operations.
<u>  X  </u>	<u>      </u>	Overland runoff (sheet flow) coming onto the site from adjacent areas.

**Erosion Control Practices**

Complete	Not Applicable	
<u>      </u>	<u>  X  </u>	Location of temporary soil storage piles. Note: Soil storage piles should be placed behind a silt fence, 25-foot (minimum) wide vegetative strip, or be covered with a tarp and located more than 25 feet from any down slope road or drainage way.
<u>      </u>	<u>  X  </u>	Location of temporary gravel access drive(s). Note: Gravel drives shall have 2 to 3 inch aggregate stone laid at least 10 feet wide and 6 inches thick. Drives shall extend from the roadway 50 feet or to the building (whichever is less).
<u>  X  </u>	<u>      </u>	Location of sediment controls (filter fabric fence, rock sediment trap, 25-foot wide vegetative buffer strip or other planned practices) that prevent eroded soil from leaving the site.  Note: Sediment controls should be installed along the downslope sides of the disturbed areas. Sediment Controls will be installed around soil storage piles,

**MUNICIPALITY OF ANCHORAGE**

**Type 1 Storm Water Pollution Prevention Plan**

around inlets, at outlets of drainageways, and along adjacent drainageways which receive runoff from the site.

- X   \_\_\_\_\_ Location of sediment barriers around storm sewer inlets.
- \_\_\_\_\_   X   \_\_\_\_\_ Location of diversions.  
 Note: Concentrated flow (drainageways, ditches, channels) shall be diverted (redirected) around disturbed areas. Overland runoff (sheet flow) from adjacent areas greater than 10,000 sq. ft. shall also be diverted around disturbed areas in a manner that will not adversely impact adjacent landowners. 2) Diversions will be stabilized with seeding and mulching within 24 hours of diversion completion.
- \_\_\_\_\_   X   \_\_\_\_\_ Location of practices that will control erosion in areas of concentrated flow.
- \_\_\_\_\_   X   \_\_\_\_\_ Location of practices that will be applied to control erosion on steep slopes (greater than 12% grade)  
 Note: Drainage ways will be stabilized with seeding, mulching, erosion control mats, in-channel fabric, or rock riprap. When used, a given in-channel barrier should not receive drainage from more than two acres of unpaved area, or one acre of paved area. In-channel practices should not be installed in perennial stream. Stabilization and other appropriate measures should be completed within 24 hours of drainageway completion. Sediment controls will be installed at the outlet ends of drainageways.

**Management Strategies**

- | Completed    | Not<br>Applicable |   |
|--------------|-------------------|---|
| <u>  X  </u> | _____             | Temporary stabilization of disturbed areas.<br><br>Note: Disturbed areas and soil piles left inactive for more than 14 days must be stabilized by seeding (between May 1 and September 1) or by other cover, such as a tarp or heavy mulching.  |
| <u>  X  </u> | _____             | Permanent stabilization of site by re-vegetation, lawn establishment, or other means as soon as possible.<br><br>Indicate re-vegetation method:      Seed ___ Sod ___ Other <u>  X  </u><br>_____<br><br>Expected date of permanent re-vegetation <u>  backfill  </u><br>_____<br><br>Revegetation the responsibility of: Builder ___ Owner/Buyer <u>  X  </u><br>_____ |

**MUNICIPALITY OF ANCHORAGE**

**Type 1 Storm Water Pollution Prevention Plan**

Planned temporary stabilization if site is not seeded by September 1 or sodded by September 15?  
\_\_\_\_\_

\_\_\_\_\_  Use of downspout to direct runoff away from structures and onto sod or pavement until vegetation is stable. After grass is well established, downspouts shall be permanently directed to grass areas.

\_\_\_\_\_  Trapping sediment during site dewatering operations.  
Location: \_\_\_\_\_

Note: Sediment laden discharge should be temporarily ponded behind a sediment barrier until most of the sediment settles out. If dewatering is anticipated, a dewatering plan must be submitted with this checklist.

\_\_\_\_\_  Proper disposal of building material waste so that pollutants and debris do not are not carried off-site by wind or water.

**Inspection Requirements**

Site operator must inspect disturbed areas, areas used for storage of materials that are exposed to precipitation, physical controls, and vehicle exits at a minimum every 14 days from March until freeze-up. Inspections must also be conducted throughout the year within 24 hours after events that produce runoff or during runoff events that last more than 24 hours.

**Maintenance Requirements**

If inspections reveal erosion and sediment control practices that are not effective, or appear likely to be ineffective for anticipated conditions (due to anticipated site activities and weather), the practices must be adjusted (including repair, modification, replacement, sediment removal, or additional practices) as soon as practicable, but no later than 7 calendar days following the inspection.

**Final Stabilization Requirements**

At the completion of land disturbing activities, all disturbed and exposed soil shall be stabilized. Areas that are uphill of installed ESC practices shall be stabilized prior to removal of those controls.

**MUNICIPALITY OF ANCHORAGE**  
**Type 1 Storm Water Pollution Prevention Plan**

**Instructions:** Complete this diagram. Give consideration to potential erosion that may occur before, during, and after grading. Water runoff patterns can change significantly as a site is reshaped. Use additional sheets of paper if needed. Site plan should show stabilized construction exits, silt fencing, sediment trap (if necessary), areas to be stabilized, and method of stabilization.

See attached site map	<b>Erosion Control Plan Legend</b>	
		Property Line
		Area of Land Disturbance*
		Temporary Diversion
		Existing Drainage
		Finished Drainage
		Limits of Grading
		Silt Fence
		Gravel Exit
		Vegetation Specification
		Tree Preservation
		Stockpiled Soil
	<b>Include North Arrow</b>	

\* Land disturbance includes areas of soil disturbance for any purpose, including foundations, footings, parking, driveways, staging, temporary access, on-site wastewater systems, and on- and off-site utilities.

**Project Location:**

(Address) (Street) (Lot) 5601 Electron Dr

**Builder:** Chugach Electric Association, Inc.    **Owner:** Chugach Electric Association, Inc.

**Worksheet completed by:** Jovana Karapandzic; Midnight Sun Environmental, LLC

**Installation and maintenance of erosion control practices responsibility of:**

**Name:** Chugach Electric Association, Inc.    **Phone:** (907) 563-7366

**Permanent seeding/sodding responsibility of:**

**Name:** Chugach Electric Association, Inc.    **Phone:** (907) 563-7366

**MUNICIPALITY OF ANCHORAGE**  
**Type 1 Storm Water Pollution Prevention Plan**

**OWNER'S STATEMENT**

I have read the above checklist, completed this form, completed and attached the *Stormwater Runoff Threat Assessment Form*, and have enclosed the necessary design information concerning the above referenced proposed project demonstrating it is a Type 1 SWPPP Project. By my signature I certify the enclosed information, that I will install or perform necessary BMPs and maintain them throughout the project, and that the project is (check one):

privately owned and that I am the owner.       privately owned and that I am the developer.

I further certify that the project  is or  is not part of a larger common plan of development. If the project is part of a common plan of development that collectively disturbs 1 or more acres, submit a copy of the NOI.

Signature (please sign in ink): Eric Boyette      Date: 10/23/2024

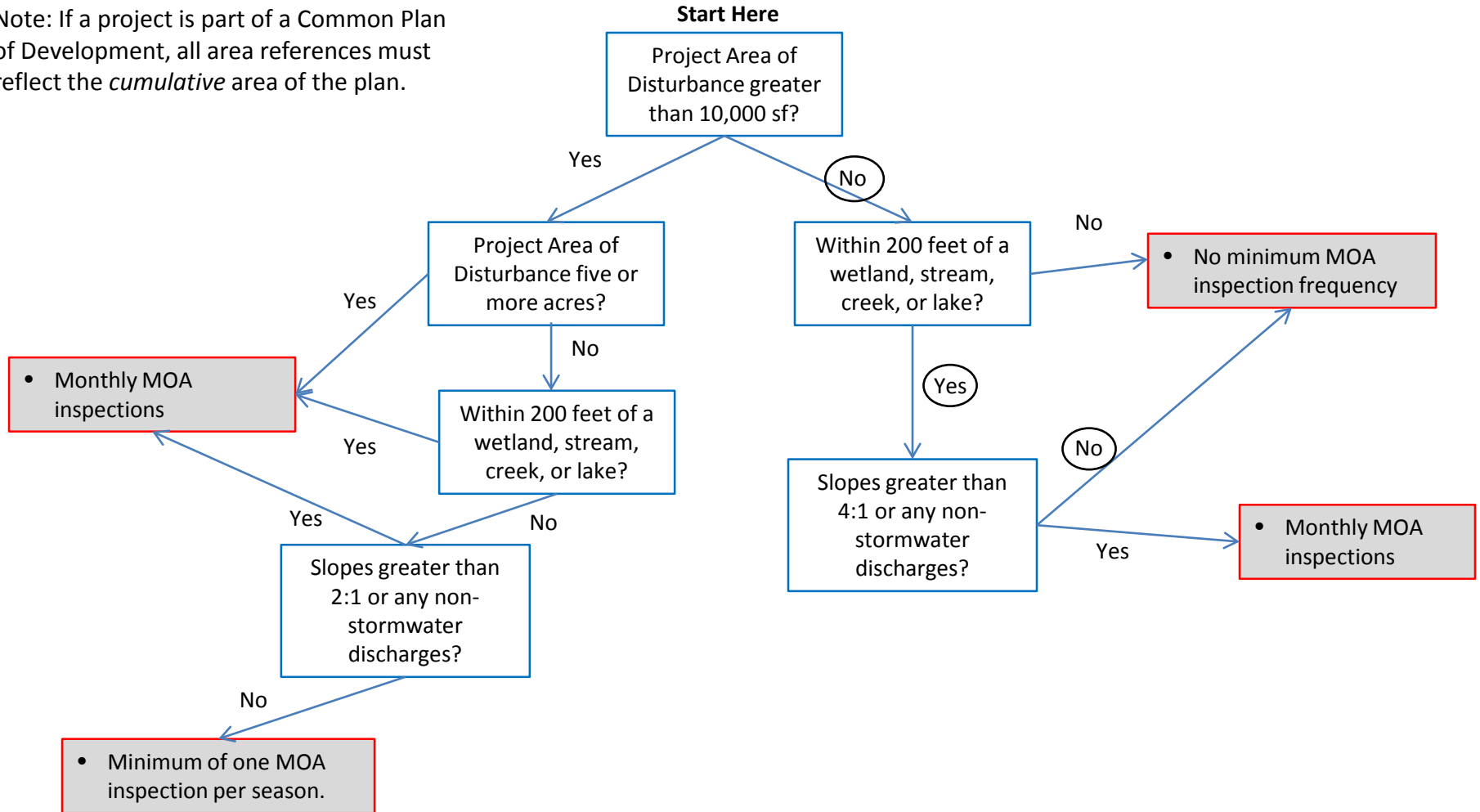
Name and Official Title (print or type):  
Eric Boyette; Health, Safety and Environmental Manager

Company or Agency (if applicable):  
Chugach Electric Association, Inc.

# Stormwater Threat Assessment Form

Please circle your responses.

Note: If a project is part of a Common Plan of Development, all area references must reflect the *cumulative* area of the plan.



I certify that the above information is true and correct to the best of my knowledge.

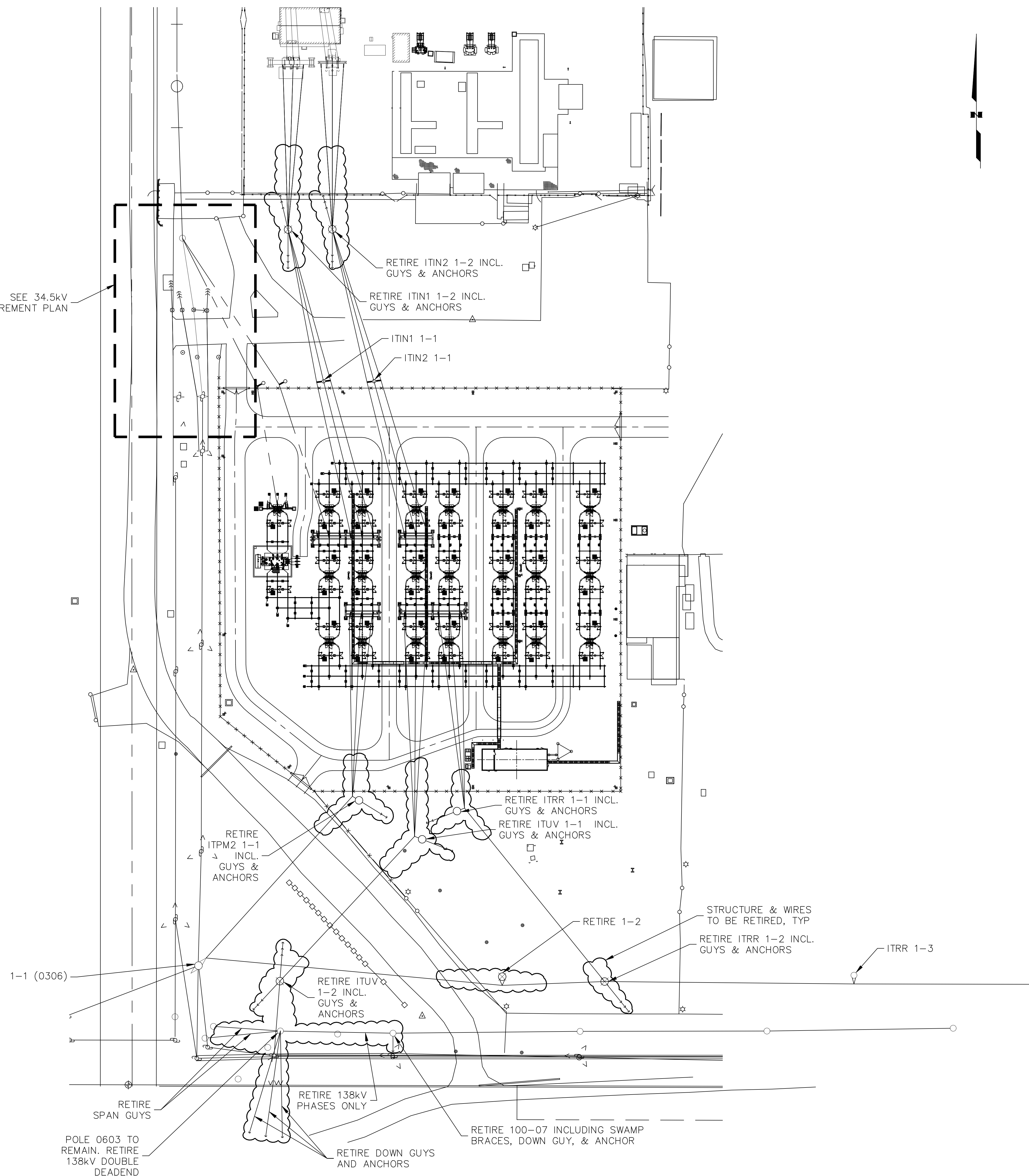
*Eric Boyette*

Signature

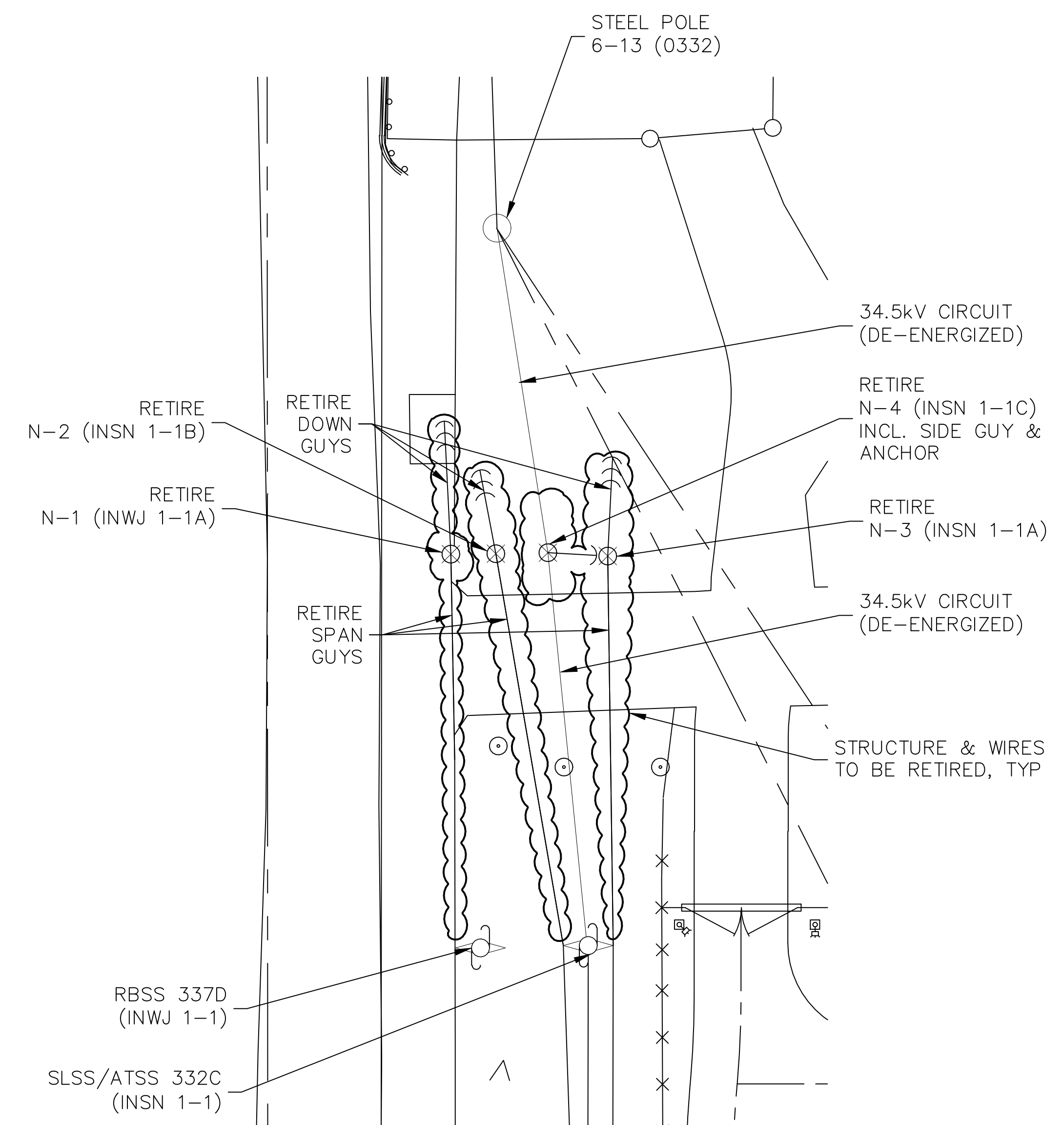
Eric Boyette; Health, Safety and Environmental Manager

Printed Name and Title

SEE 34.5kV  
RETIRE PLAN



**RETIREMENT PLAN**



**34.5kV RETIREMENT PLAN**

PROJECT: <b>SOUTH CAMPUS POLE RELOCATION</b>				
ENG./DESIGN.: <b>STACY BOTTORFF (CEA) / GREG HUFFMAN (EPS)</b> W.O. # <b>E2220061</b>				
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN. BY/DATE	REVIEWED MGR./SUPV./DATE	APPROVED DIRECTOR/DATE
A	ISSUED FOR 90% DESIGN REVIEW	KER 03/06/24	GDH 03/06/24	
				ENG. STAMP

NO.	RECORD REVISION	CAD DRAWN BY	W.P.#	W.O. NUMBER	RECORD APPROVED	DATE
1	X	XX	-	-	XXX	XX/XX/XX



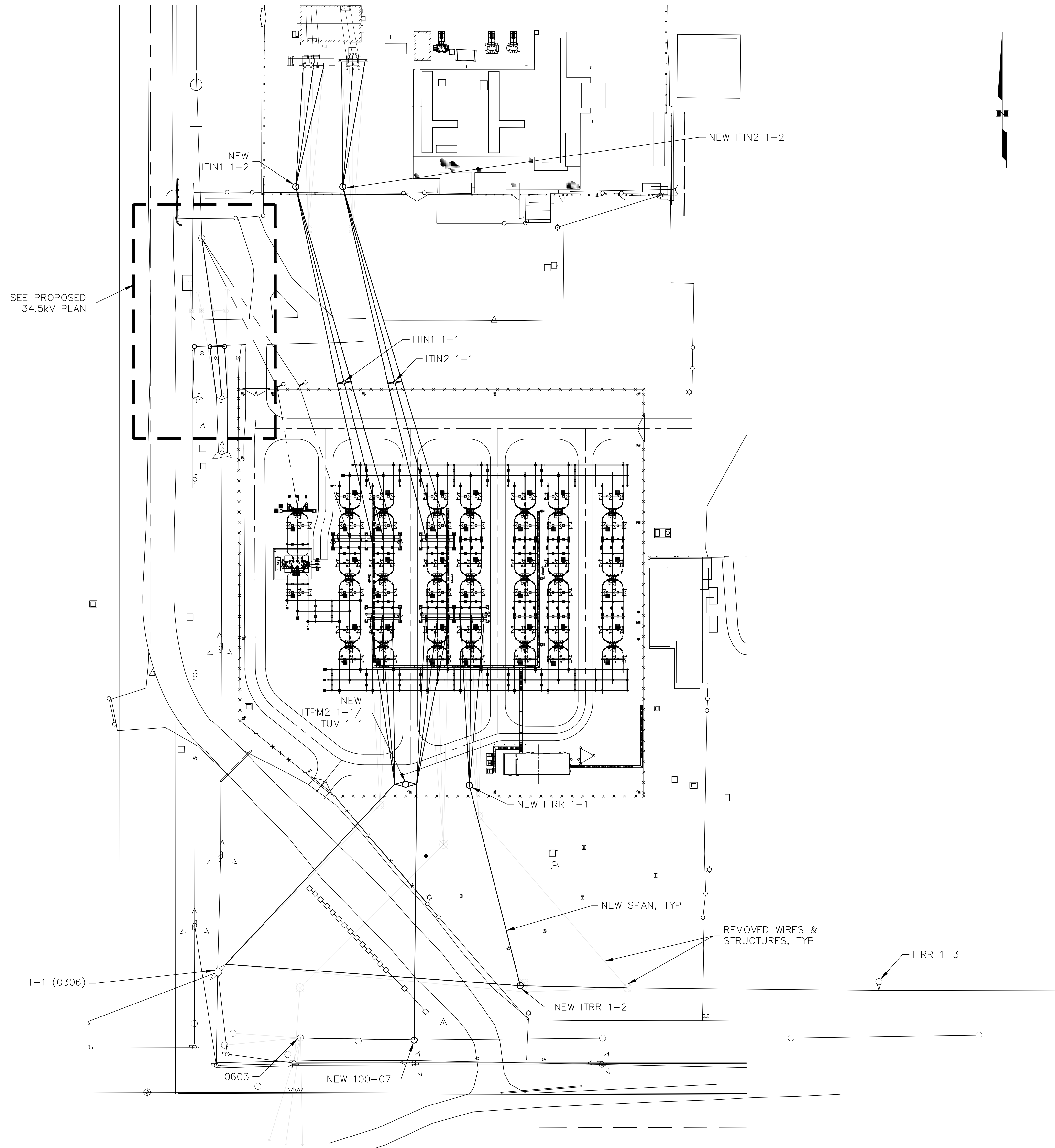
Chugach Electric Association, Inc.  
5601 Electron Drive - P.O. Box 196300  
Anchorage, Alaska 99519-6300

DRAWING NAME:		<b>138kV TRANSMISSION LINE INTL TRANSMISSION - ROBERT RETHERFORD RETIREMENT PLAN</b>	
<b>CONFIDENTIAL</b>		ITRR-PP-0003-0001	
DRAWING NO. - PREVIOUS/REFERENCE		NEW	
DRAWING NO.:		<b>ITRR-PP-0003</b>	
SHEET <b>0001</b> OF <b>1</b>		PAGE _____ OF _____	

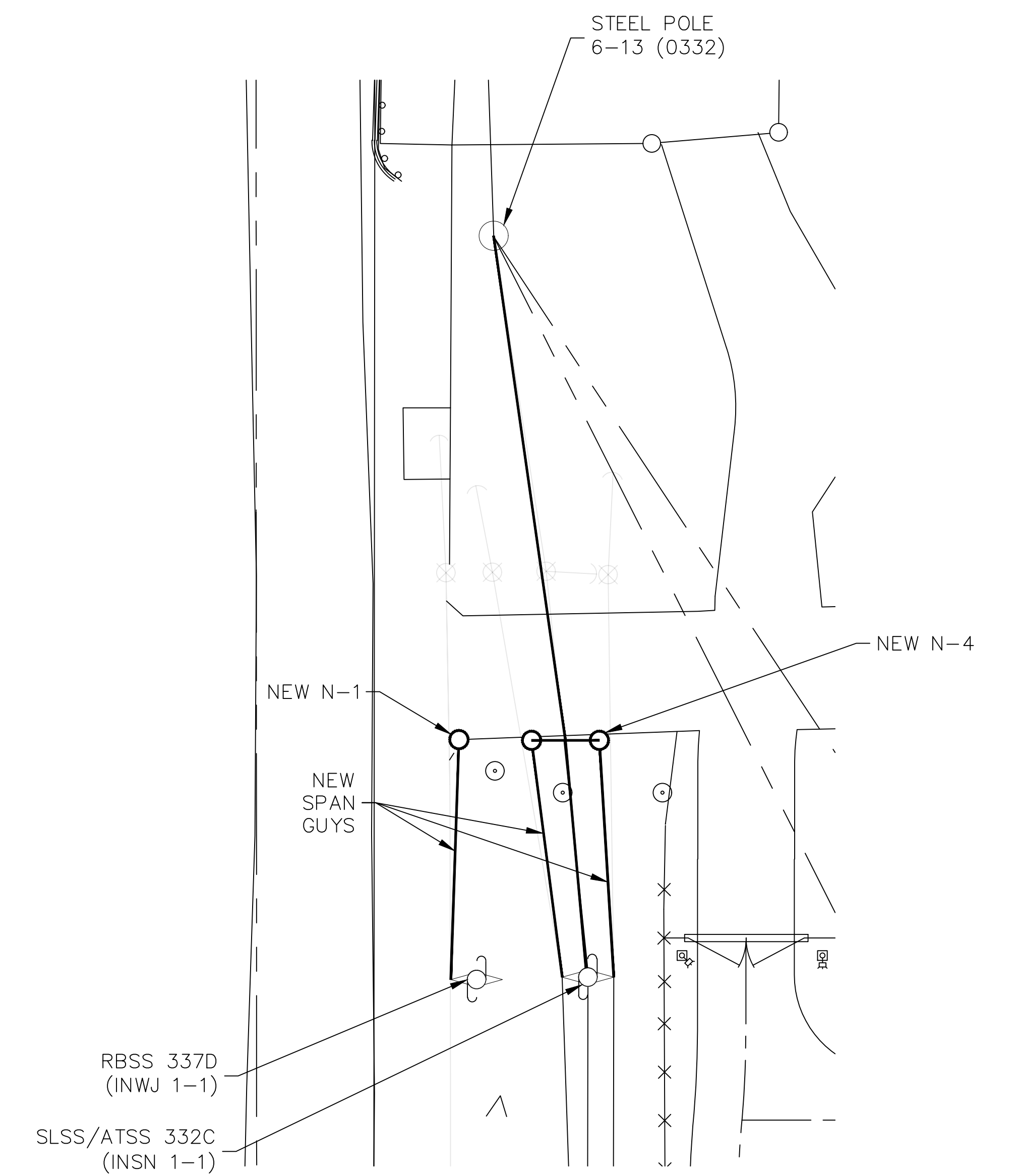


NOTES:

1. FILL VOIDS LEFT BY REMOVED POLES AND ANCHORS WITH TAMPED FILL TO MATCH SURROUNDING GRADE.



PROPOSED PLAN



PROPOSED 34.5kV PLAN

PROJECT: SOUTH CAMPUS POLE RELOCATION				
ENG./DESIGN.: STACY BOTTORFF (CEA) / GREG HUFFMAN (EPS) W.O. # E2220061				
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN. BY/DATE	REVIEWED MGR./SUPV./DATE	APPROVED DIRECTOR/DATE
A	ISSUED FOR 65% DESIGN REVIEW	KER 02/02/24	GDH 02/02/24	
B	ISSUED FOR 90% DESIGN REVIEW	KER 03/06/24	GDH 03/06/24	
ENG. STAMP				

NO.	RECORD REVISION	CAD DRAWN BY	W.P.#	W.O. NUMBER	RECORD APPROVED	DATE
1	X	XX	-	-	XXX	XX/XX/XX



Chugach Electric Association, Inc.  
5601 Electron Drive - P.O. Box 196300  
Anchorage, Alaska 99519-6300

DRAWING NAME: 138kV TRANSMISSION LINE  
INTL TRANSMISSION - ROBERT RETHERFORD  
PROPOSED PLAN

**CONFIDENTIAL**








DRAWING NO. - PREVIOUS/REFERENCE  
NEW  
DRAWING NO.: ITRR-PP-0004

ITRR-PP-0004-0001

SHEET 0001 OF 1  
PAGE OF

**CEA WO E2220061**  
**South Campus Pole Relocation**  
**Anchorage, AK**

**Type 1 SWPPP BMP Map**  
**Legend**

-  Poles to be Retired
-  Vegetative Buffer
-  Drainage Inlet
-  Culvert
-  Flow Direction
-  Fiber Roll
-  Wetland

- SWPPP NOTES:**
- Sweep all paved surfaces daily or as needed;
  - If sediment barriers are necessary, fiber rolls shall be installed prior to construction;
  - Excavated soil piles shall be covered and anchored as appropriate;
  - Preserve vegetative buffer as much as possible;
  - Storm drain inlet protection will be installed in form of fiber rolls as necessary.

