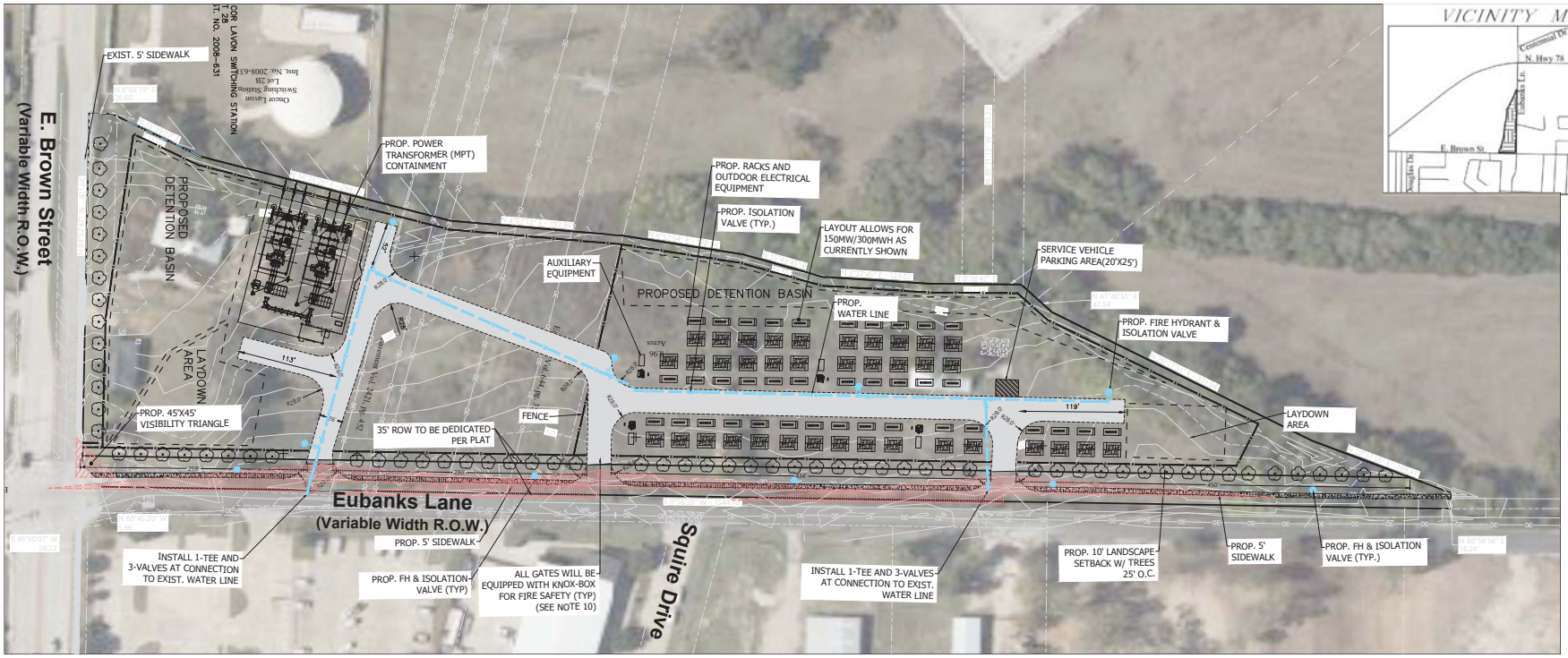
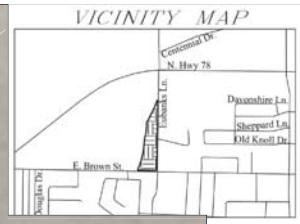
VISIBILITY TRIANGLE

INTERSECTION SIGHT TRIANGLE PER THOROUGHFARE STANDARDS TABLE 9 (SEE NOTE 7 & 8)

FIRE LANE PAVING PER CITY OF WYLIE STANDARD DETAIL STD-04-R OR AS APPROVED BY THE FIRE OFFICIAL AT THE TEIM OF PERMITTING

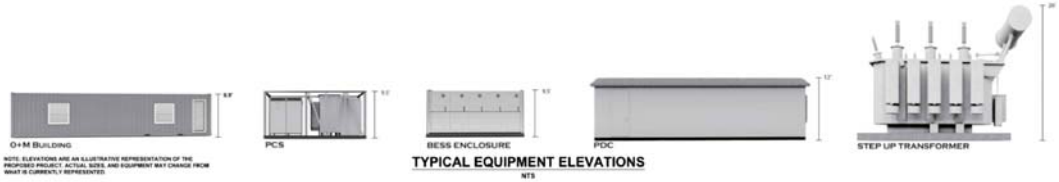
SCALE: 1" = 60'





NOTES:

1. EQUIPMENT MAKE, MODELS, AND QUANTITIES ARE FOR INDICATIVE PURPOSES ONLY AND SUBJECT TO CHANGE. FINAL EQUIPMENT SELECTION WILL CONSIST OF OUTDOOR-RATED CONTAINER-BASED LITHIUM-ION BATTERY PRODUCTS AND ASSOCIATED POWER EQUIPMENT CERTIFIED TO UL9540 AND COMPLIANT WITH NFPA 68 AND 69.
2. LIFE SAFETY AND FIRE SUPPRESSION ACCESS ROADS SHALL BE DESIGNED, ENGINEERED, AND MAINTAINED TO BE AN ALL-WEATHER SURFACE CAPABLE OF SUPPORTING IMPOSED LOADS OF A SIXTY-FIVE THOUSAND (65,000) POUND APPARATUS WITH A MAXIMUM GRADE OF 12 PERCENT. THERE SHALL BE AN UNOBSTRUCTED VERTICAL CLEARANCE OF 13 FEET 6 INCHES ABOVE ALL LIFE SAFETY AND FIRE SUPPRESSION ACCESS ROADS. ALL GATES SHALL BE 4 FEET WIDER THAN ROAD WIDTH.
3. INTERNAL GROUND SURFACING WILL BE PERVIOUS GRAVEL.
4. ALL DRAINAGE SHALL BE CONTAINED ON SITE.
5. FINAL LOCATION OF THE FIRE ALARM CONTROL PANEL WILL BE DETERMINED UPON THE ISSUE FOR CONSTRUCTION DESIGN. HISTORICALLY, THIS CONTROL PANEL HAS BEEN LOCATED WITHIN THE SUBSTATION CONTROL HOUSE.
6. THIS DRAWING IS INTENDED FOR CONCEPTUAL USE ONLY AND IS NOT INTENDED TO BE USED FOR CONSTRUCTION. ALL FINAL ENGINEERING IS THE RESPONSIBILITY OF THE EPC.
7. VISIBILITY EASEMENTS TO BE PROVIDED WHERE NECESSARY BASED ON FINAL ROAD CONFIGURATION. VISIBILITY EASEMENTS TO BE RECORDED ON FINAL PLAT.
8. LANDSCAPING WITHIN SIGHT TRIANGLES TO BE SHRUBS OR OTHER PLANS THAT DOES NOT INTERFERE WITH SIGHT TRIANGLE (BELOW 3').
9. PROPOSED DESIGN SHALL COMPLY WITH NOISE ORDINANCES.
10. ALL GATES ACROSS FIRE LANES SHALL BE PERMITTED THROUGH THE FIRE MARSHAL'S OFFICE.



NOTE: ELEVATIONS ARE AN ILLUSTRATIVE REPRESENTATION OF THE PROPOSED PROJECT. ACTUAL SIZES, AND EQUIPMENT MAY CHANGE FROM WHAT IS CURRENTLY REPRESENTED.

TYPICAL EQUIPMENT ELEVATIONS
NTS

CONSULTANT
Westwood
Phone (281)883-0103
Toll Free (888) 937-5150
20329 State Hwy. 249, #350
Houston, TX 77070
westwoodps.com
Westwood Professional Services, Inc.

BLACKMOUNTAIN ENERGY STORAGE

esVOLTA

BUFFLEHEAD BESS
3700 EUBANKS LANE
CITY OF WYLIE, COLLIN COUNTY, TX

CONCEPTUAL SITE PLAN

DATE: 09/16/2024
SCALE: 1"=60'