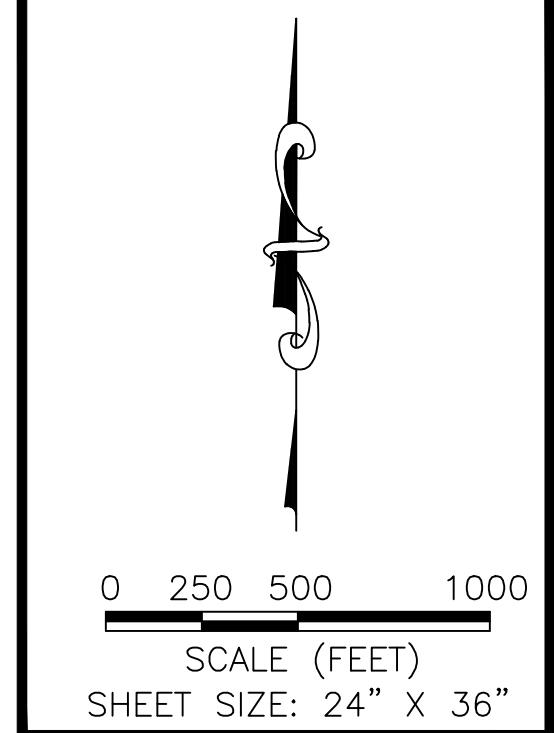
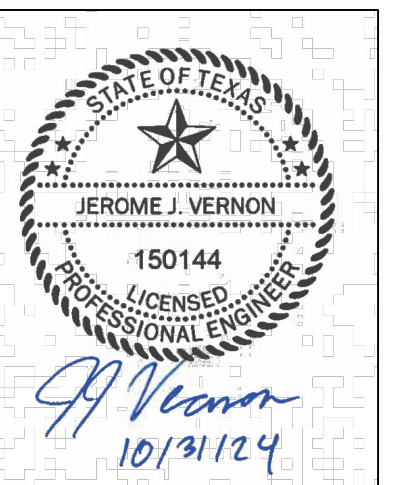




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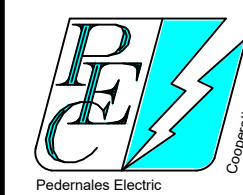


ISSUED FOR CONSTRUCTION

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Lr.	Date	Revision	By	Chkd.	Appd.	Ltr.	Date	Revision	By	Chkd.	Appd.		



M&S ENGINEERING
CIVIL | ELECTRICAL | STRUCTURAL | MEP
TEXAS REGISTERED ENGINEERING FIRM
F-1394



PEDERNALES ELECTRIC COOPERATIVE, INC.

THE ROCK
4023INK00.001

DATE: 10/29/2024
SCALE: 1" = 250'
ENGINEER: JEROME VERNON, P.E.
DESIGNED BY: P.HAVARD
DRAWN BY: P. HAVARD
OVERVIEW

LEGEND

- EXISTING POWER POLE TO BE REMOVED
- NEW POWER POLE
- EXISTING POWER POLE
- EXISTING COMMUNICATION POLE
- EXISTING POWER LINE
- EXISTING POWER LINE TO BE REMOVED
- NEW POWER LINE
- 200 AMP PRIMARY
- 600 AMP PRIMARY
- MEMBER SECONDARY
- PEC SECONDARY
- APPROXIMATE R.O.W.
- FENCE
- SLACK
- OVERHEAD GUY
- EXISTING ANCHOR
- NEW ANCHOR
- ANCHOR TO BE REMOVED
- TRANSFORMER (POLE MOUNT)
- STREET LIGHT
- SWITCH/FUSE CUTOUT
- LIGHTNING ARRESTOR

New Construction	
Conductors (TLL +8%)	
1-0 ACSR Primary	84'
1-0 ACSR Neutral	28'
Assemblies	
C1-2	2
C1-3	1
C7-7	2
M2-2	2
M2-2.2	2
M5-23.1.1	3
M5-23.3.1	3
M5-5	1
POLE SET	4
VUM2-6S	2
Miscellaneous Units	
M42-11	8
Poles	
45-3 Wood	2
55-1 Wood	2
Total Poles	4

Latitude	Longitude	Pole #	Pole Height	Pole Type	Angle	Assemblies	Miscellaneous Units	Guys & Anchors	Notes
		LOC 01	45-4	Wood	00°00'	C1-2, M2-9, M2-12			
		LOC 02	55-1	Wood	00°00'	C1-2, VUM2-6S, (3)M5-23.3.1, M2-2.2, POLE SET			SET 9.5' DEEP
		LOC 03	55-1	Wood	00°00'	C1-2, M2-2, POLE SET			SET 8.5' DEEP

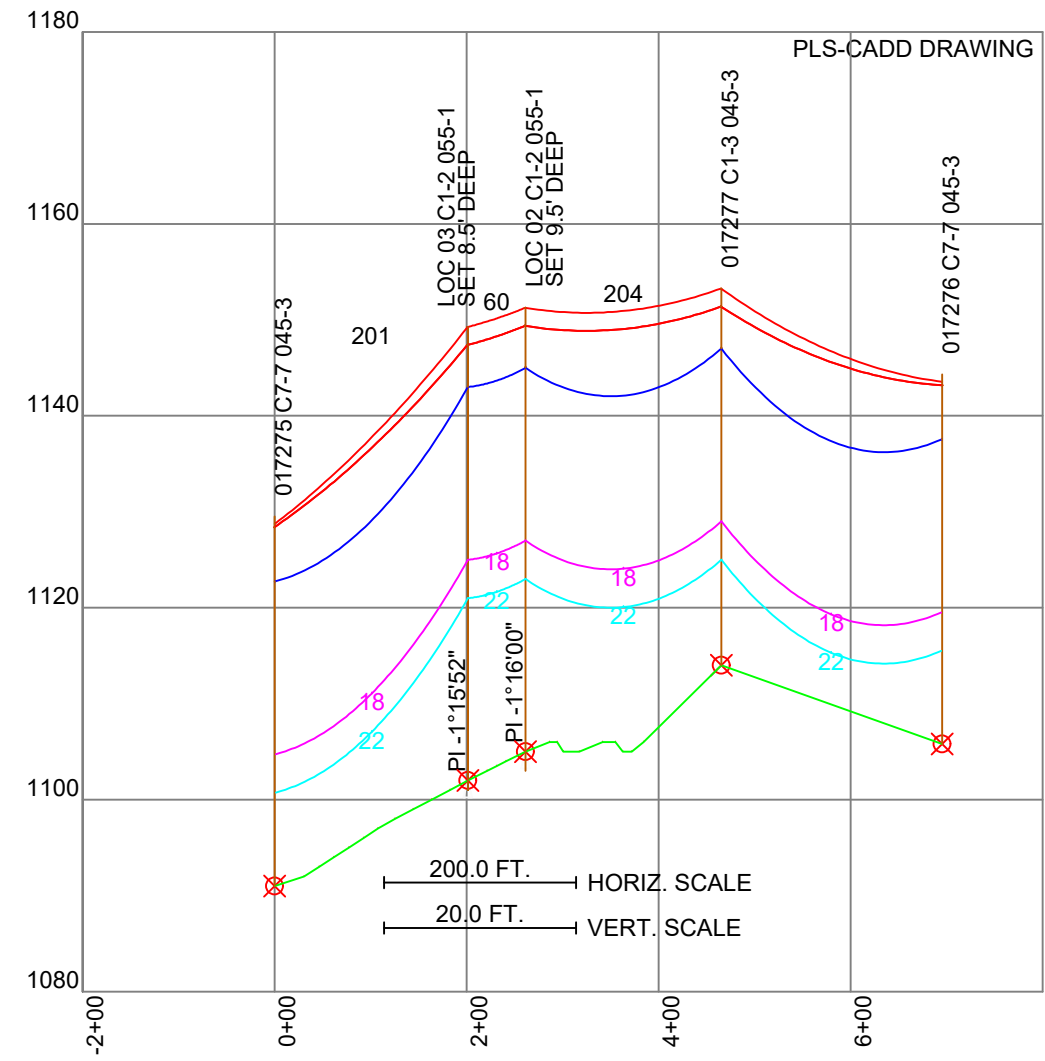
0 20 40 80

SCALE (FEET)

SHEET SIZE: 24" X 36"

NOTE 1. DEVELOPER SHALL COORDINATE WITH PEC ON POLE INSTALLATION AND REMOVAL. CONTRACTOR WILL GRADE DOWN APPROXIMATELY 15' FROM NATURAL GRADE STARTING AT EDGE OF PAVEMENT AND CONTINUING ACROSS UTILITY EASEMENT. CONTRACTOR WILL LEAVE 15' DIAMETER OF SOIL AROUND EXISTING POLE UNDISTURBED UNTIL NEW POLE CAN BE SET AND CONDUCTORS TRANSFERRED TO NEW POLES. EXISTING POLE WILL BE REMOVED UPON PEC'S AUTHORIZATION.

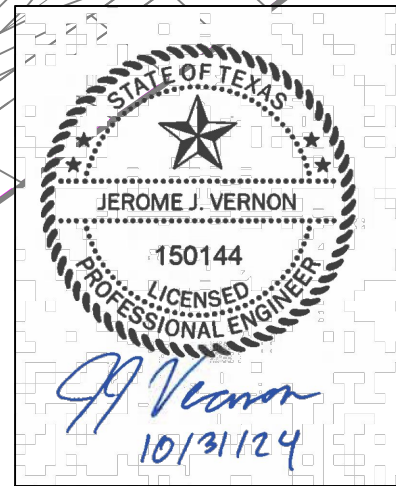
CKT: CM130
PH: BCA
PRI: 336
NEU: 336



017275 - 017276, TULIP_336 AAC WIR, TENSION 1231 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 60 DEG F INITIAL 1231 (LBS)
017275 - 017276, TULIP_336 AAC WIR, TENSION 1229 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 120 DEG F MAX SAG 422 (LBS)

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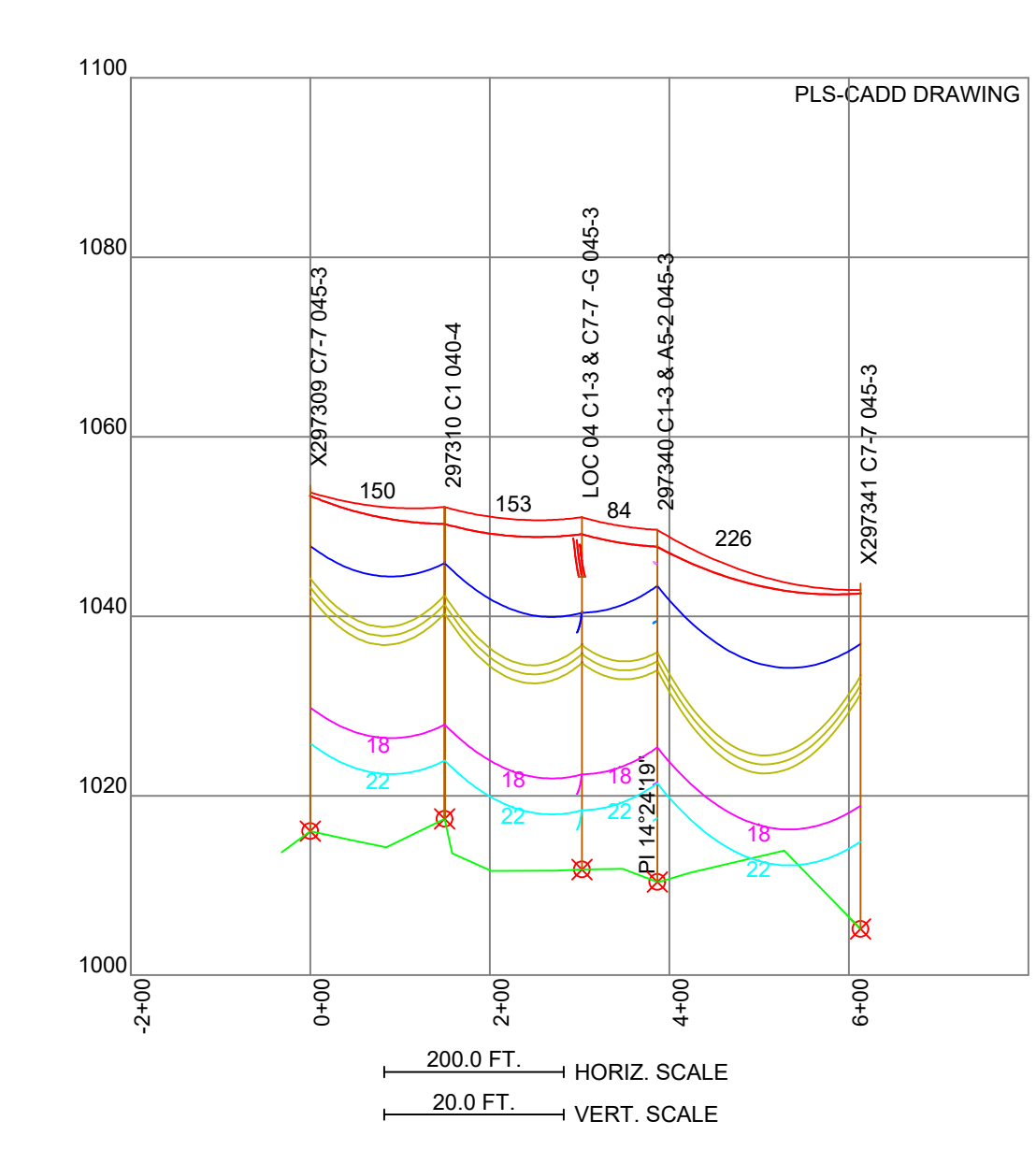
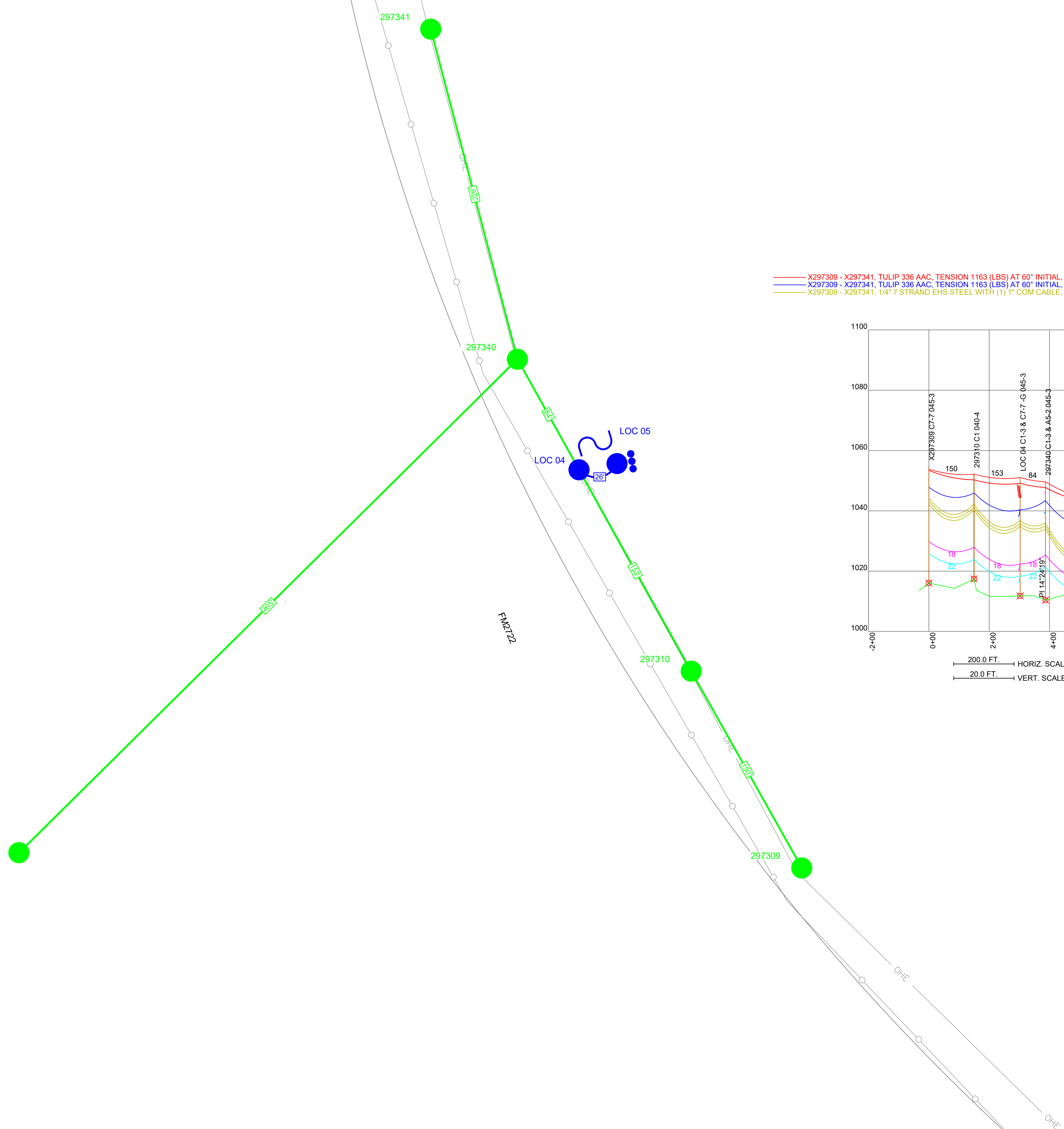
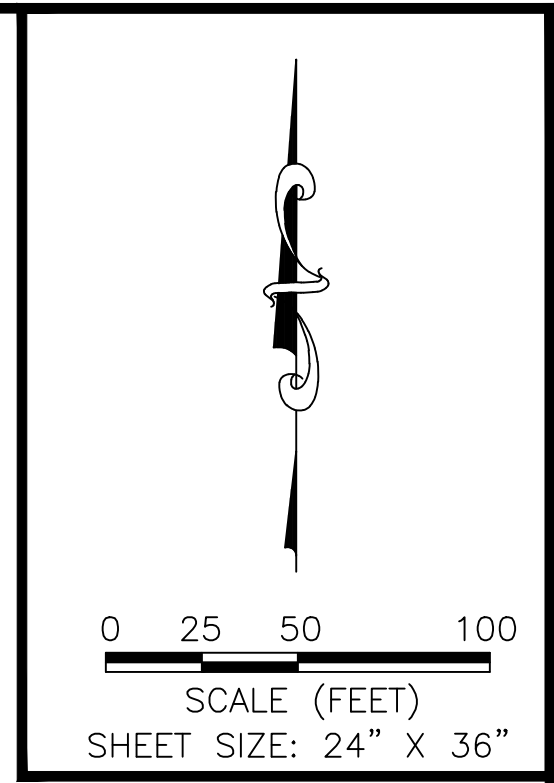
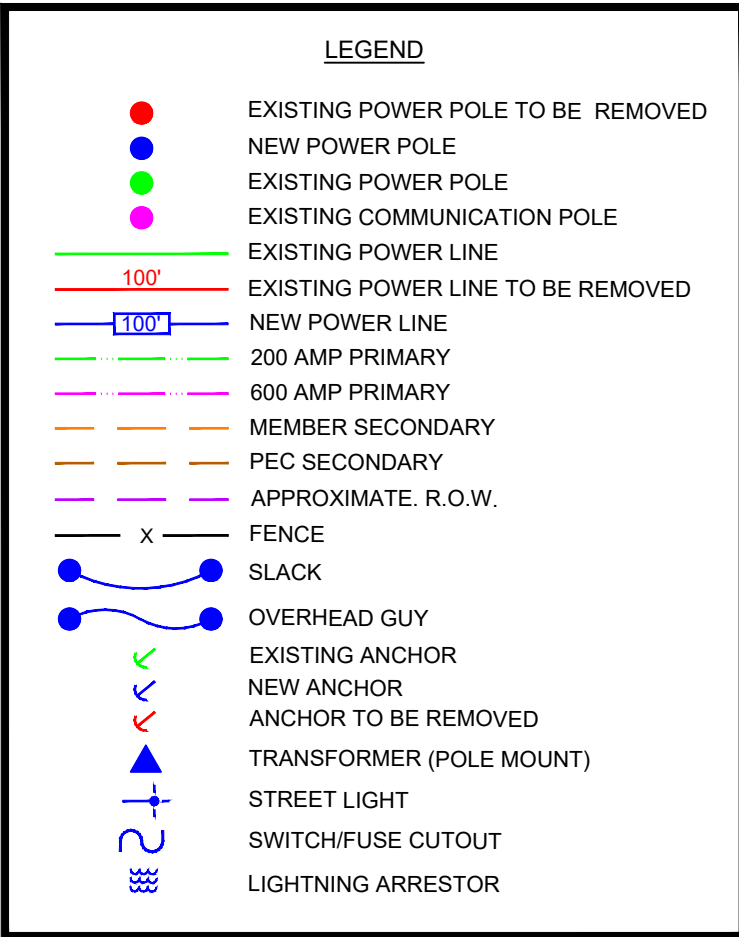


ISSUED FOR CONSTRUCTION

THE ROCK
4023INK00.001

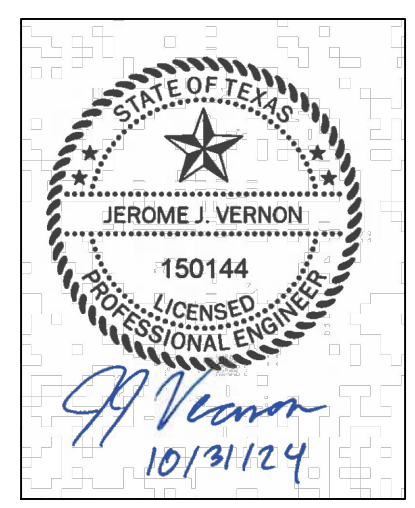
DATE: 10/29/2024
SCALE: 1" = 40'
ENGINEER: JEROME VERNON, P.E.
DESIGNED BY: P. HAVARD
DRAWN BY: P. HAVARD
SHEET: 1 OF 6

Latitude	Longitude	Pole #	Pole Height	Pole Type	Angle	Assemblies	Miscellaneous Units	Guys & Anchors
		LOC 04	45-3	Wood	00°00'	C1-3, C7-7, M5-5, M2-2, POLE SET	(4)M42-11	
		LOC 05	45-3	Wood	00°00'	C7-7, VUM2-6S, (3)M5-23.1.1, M2-2.2, POLE SET	(4)M42-11	

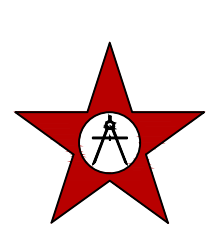


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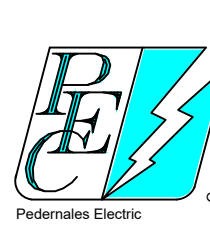
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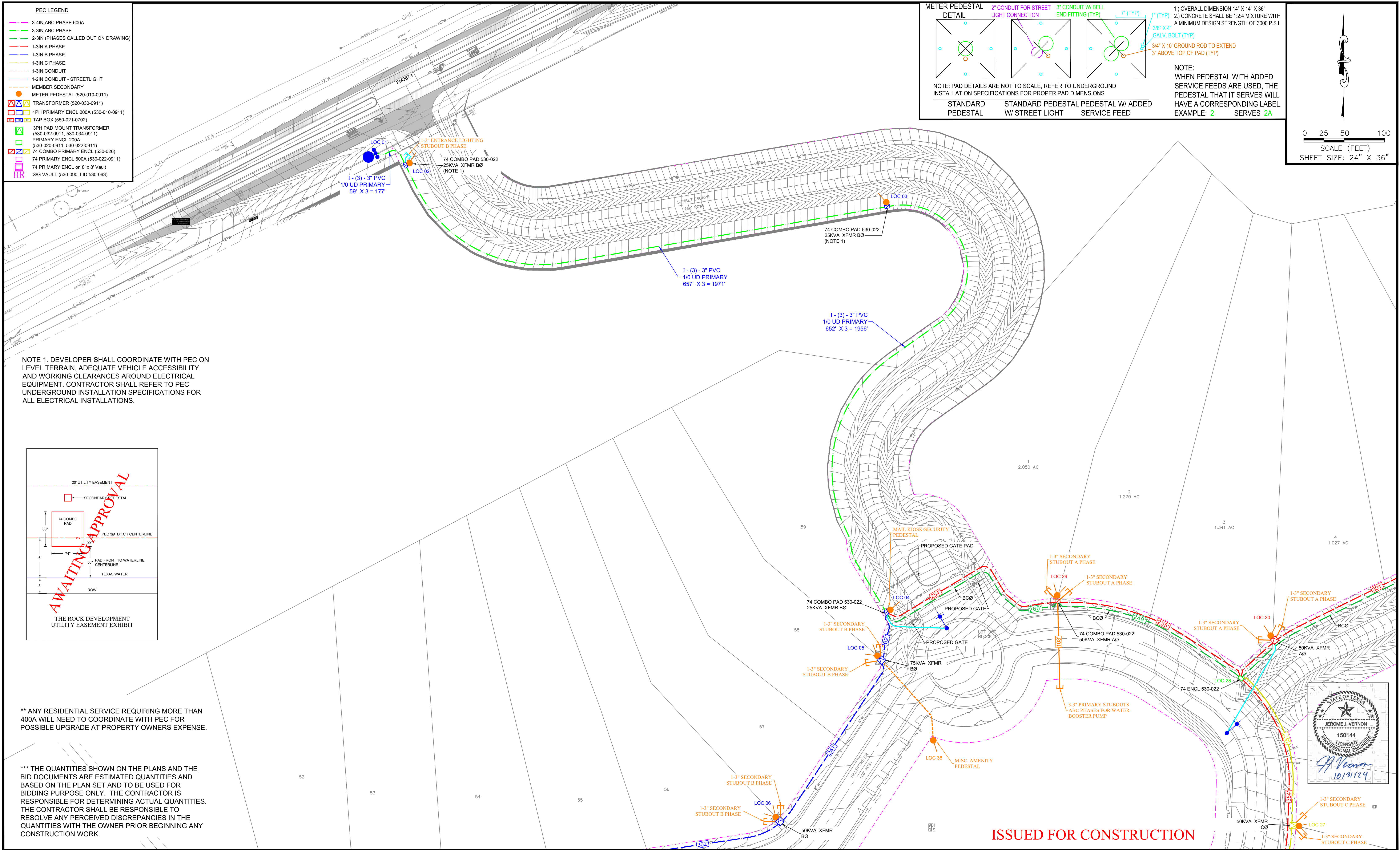
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F-1394



PEDERNALES ELECTRIC COOPERATIVE, INC.

THE ROCK
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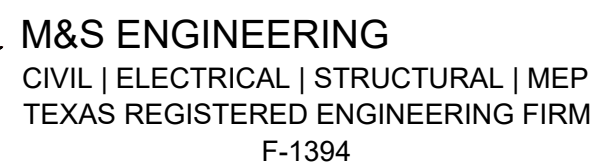
	DATE: 10/29/2024
	SCALE: 1" = 40'
	ENGINEER: JEROME VERNON, P.E.
	DESIGNED BY: P. HAVARD
	DRAWN BY: P. HAVARD
	SHEET: 2 OF 6



MATCHLINE -REFER TO SHEET 4

ISSUED FOR CONSTRUCTION

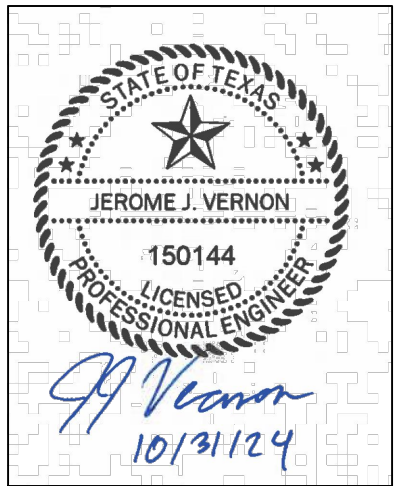
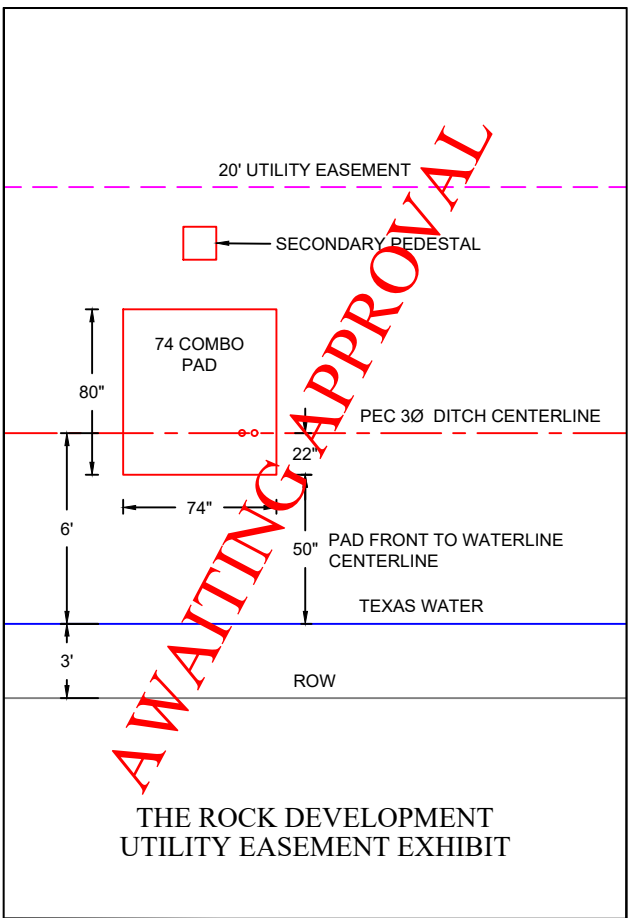
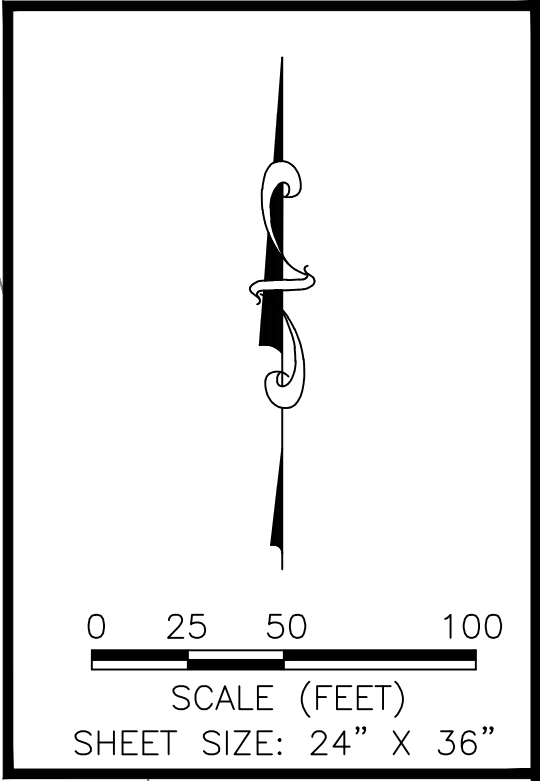
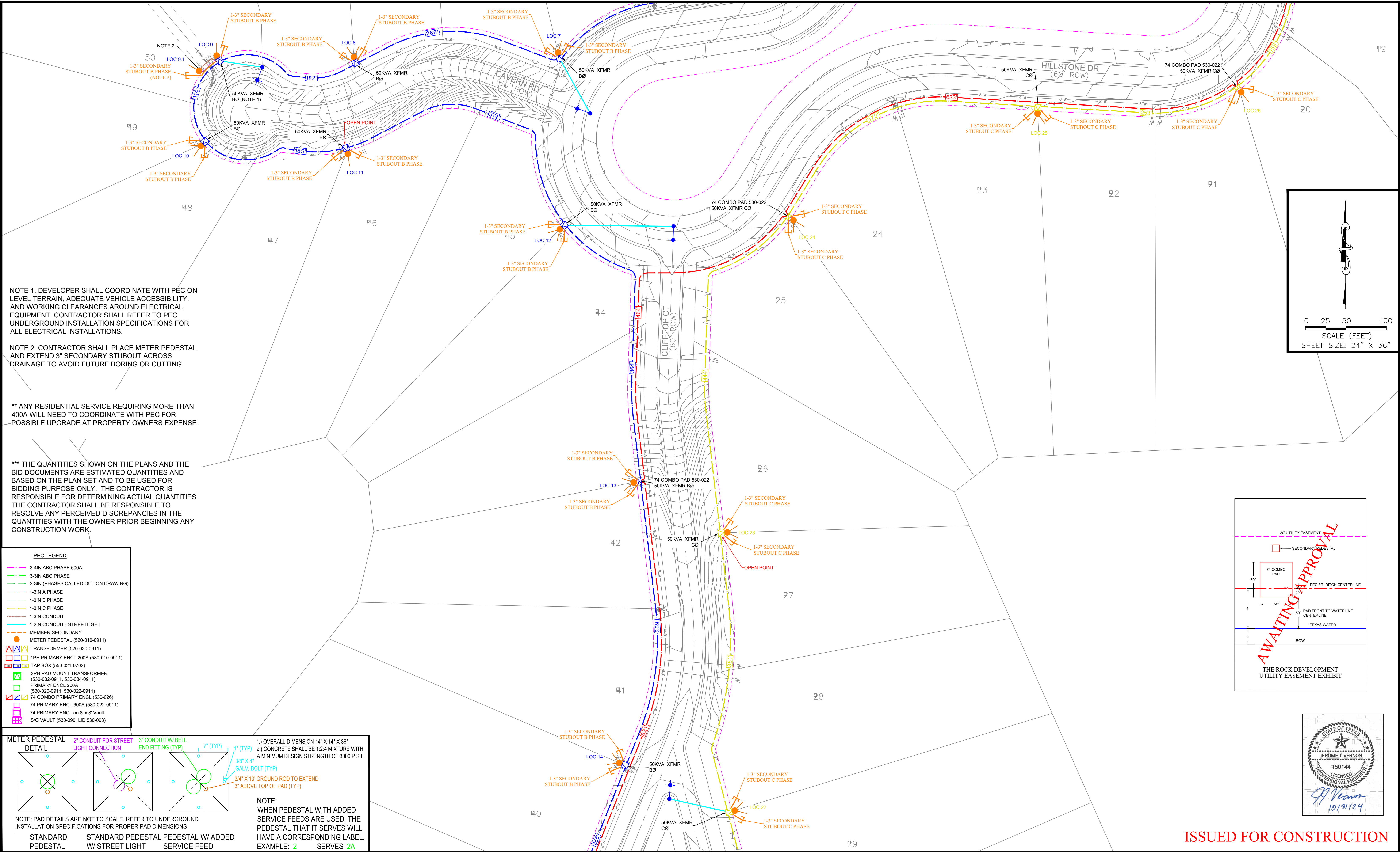
MATCHLINE -REFER TO SHEET 2



THE ROCK
4023INK00.001

DATE: 10/29/2024
SCALE: 1" = 50'
ENGINEER: JEROME VERNON, P.E.
DESIGNED BY: P. HAVARD
DRAWN BY: P. HAVARD
UG SHEET: 3 OF 6

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Ltr.	Date	Revision	By	Chkd.	Appd.	Ltr.	Date	Revision	By	Chkd.	Appd.



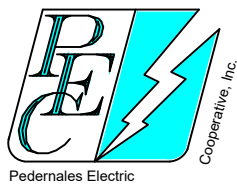
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Ltr	Date	Revision	By	Chkd.	Appd.	Ltr	Date	Revision	By	Chkd.	Appd.



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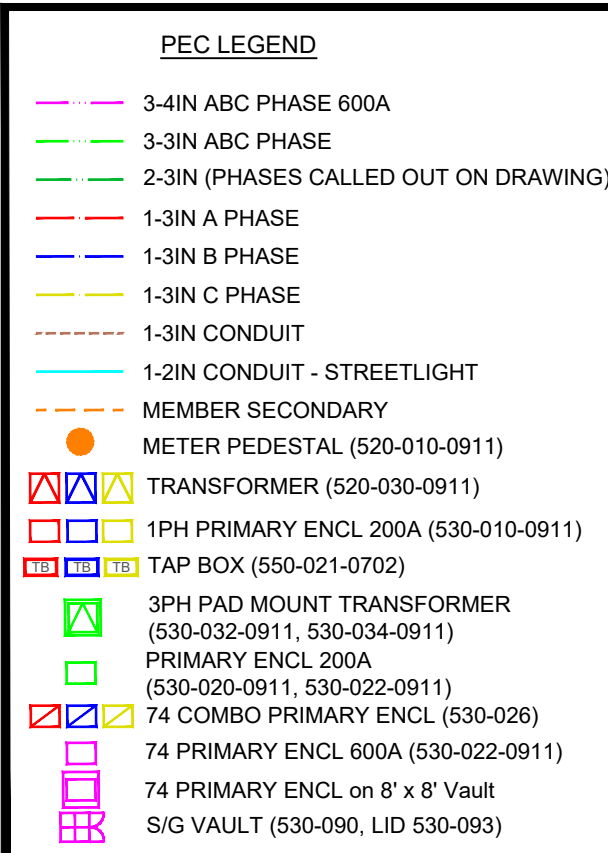
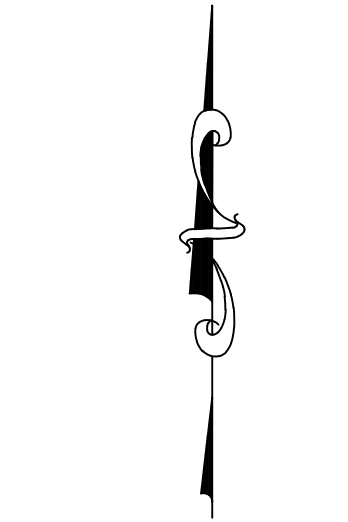


PEDERNALES ELECTRIC COOPERATIVE, INC.

THE ROCK
4023INK00.001

DATE: 10/29/2024
SCALE: 1" = 50'
ENGINEER: JEROME VERNON, P.E.
DESIGNED BY: P. HAVARD
DRAWN BY: P. HAVARD
SHEET: 4 OF 6

MATCHLINE - REFER TO SHEET 2

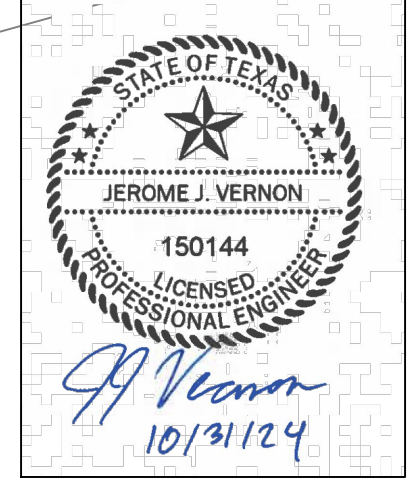
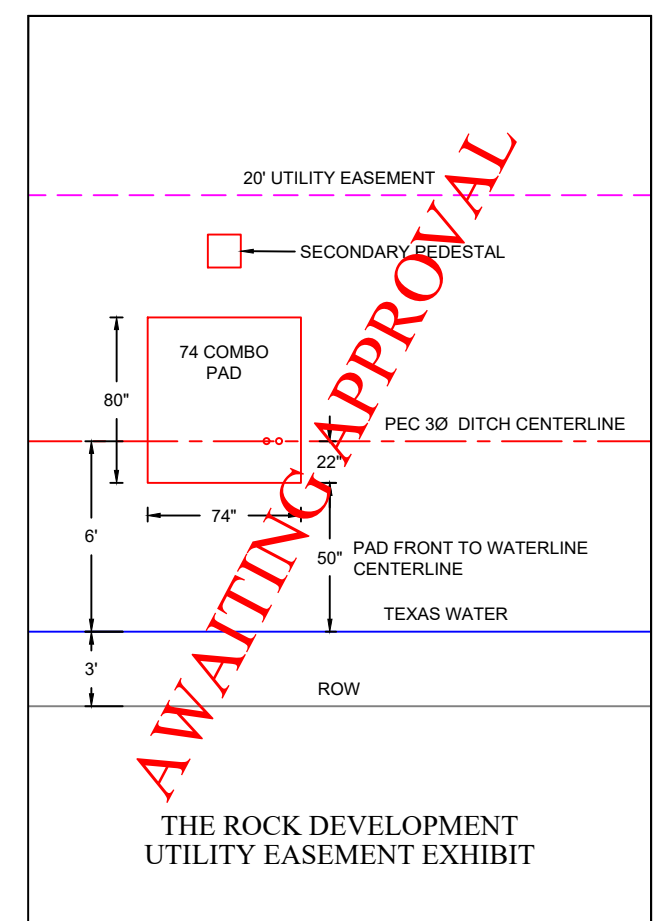
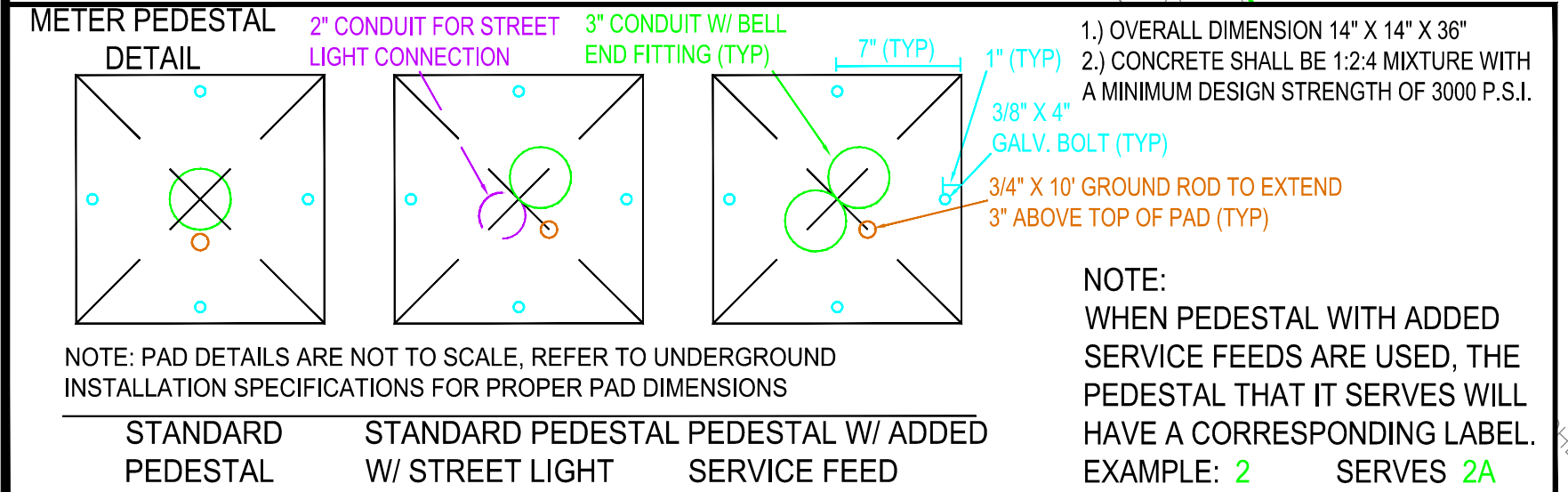
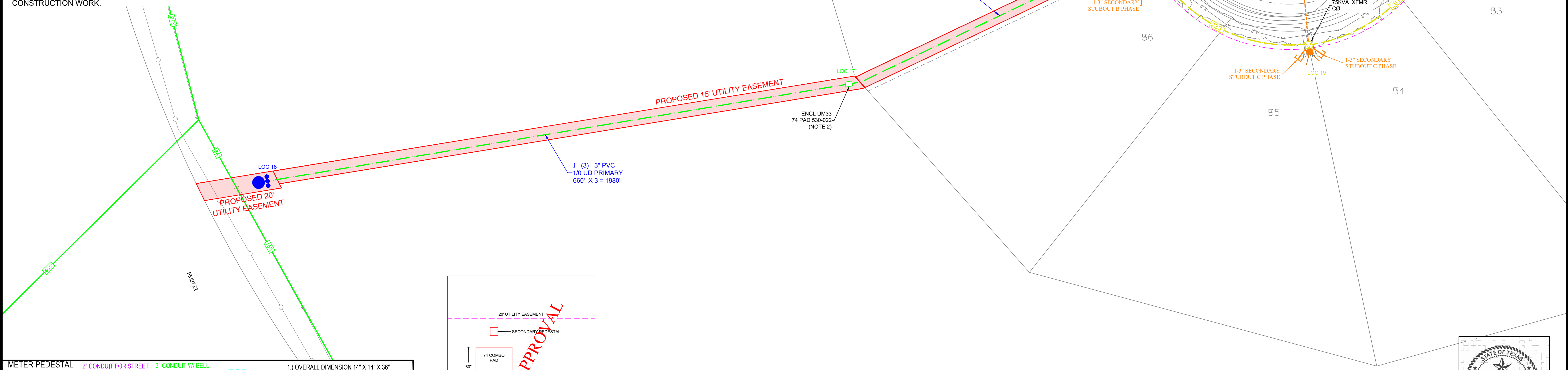


NOTE 1. DEVELOPER SHALL COORDINATE WITH PEC ON LEVEL TERRAIN, ADEQUATE VEHICLE ACCESSIBILITY, AND WORKING CLEARANCES AROUND ELECTRICAL EQUIPMENT. CONTRACTOR SHALL REFER TO PEC UNDERGROUND INSTALLATION SPECIFICATIONS FOR ALL ELECTRICAL INSTALLATIONS.

NOTE 2. PEC SHALL HAVE TRUCK ACCESS TO
EQUIPMENT AT ALL TIMES.

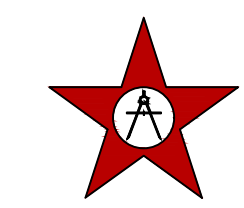
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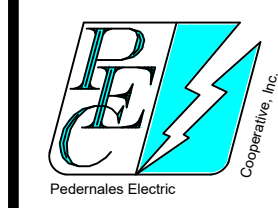


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A				F											
Ltr.	Date	Revision			By	Chkd.	Appd.	Ltr.	Date	Revision			By	Chkd.	Appd.



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TEXAS REGISTERED ENGINEERING FIRM
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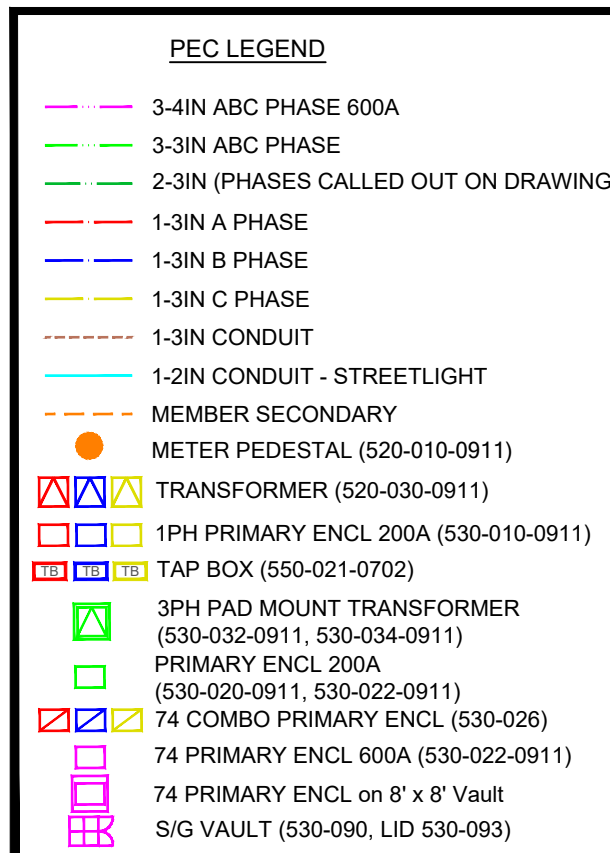


PEDERNALES ELECTRIC COOPERATIVE, INC.

THE ROCK
4023INK00.001

DATE: 10/29/2024
SCALE: 1" = 50'
ENGINEER: JEROME VERNON, P.E.
DESIGNED BY: P. HAVARD
DRAWN BY: P. HAVARD
SHEET: 5 OF 6

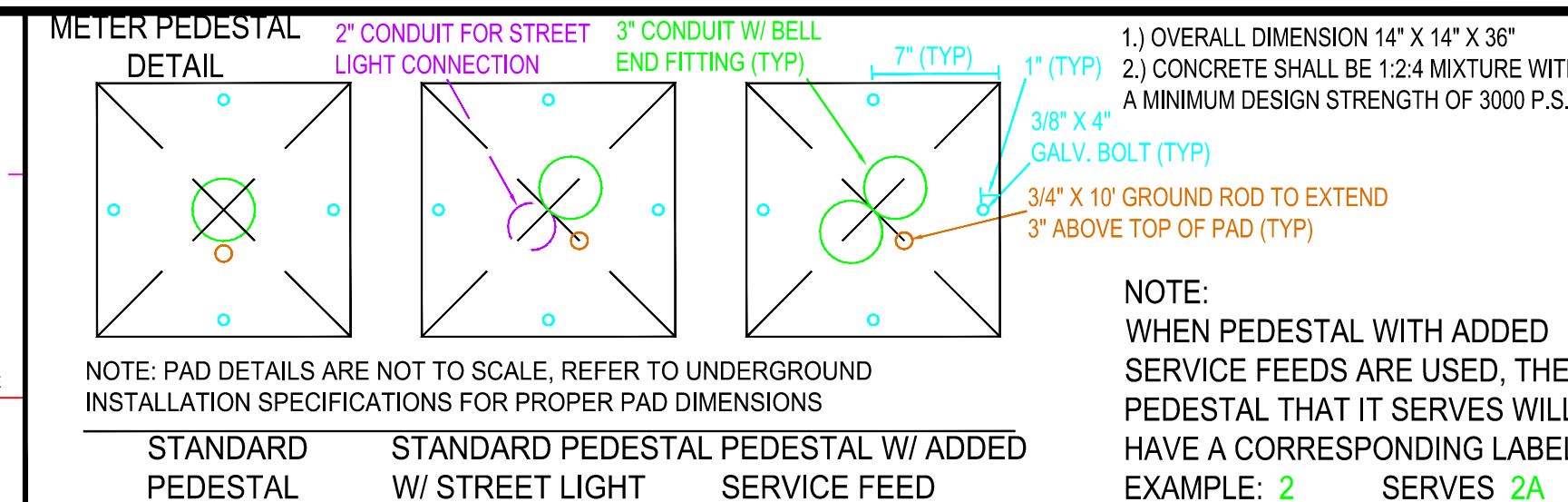
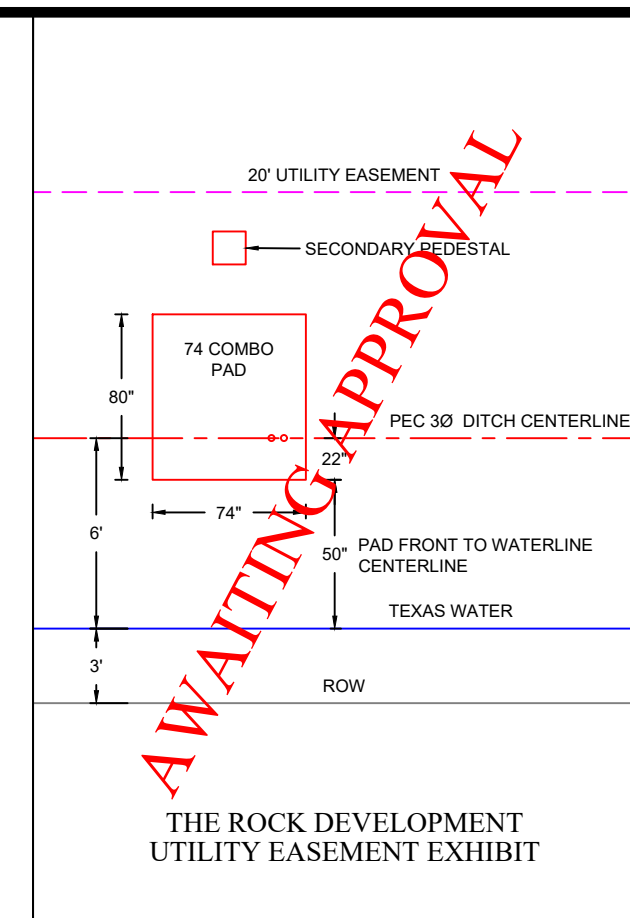
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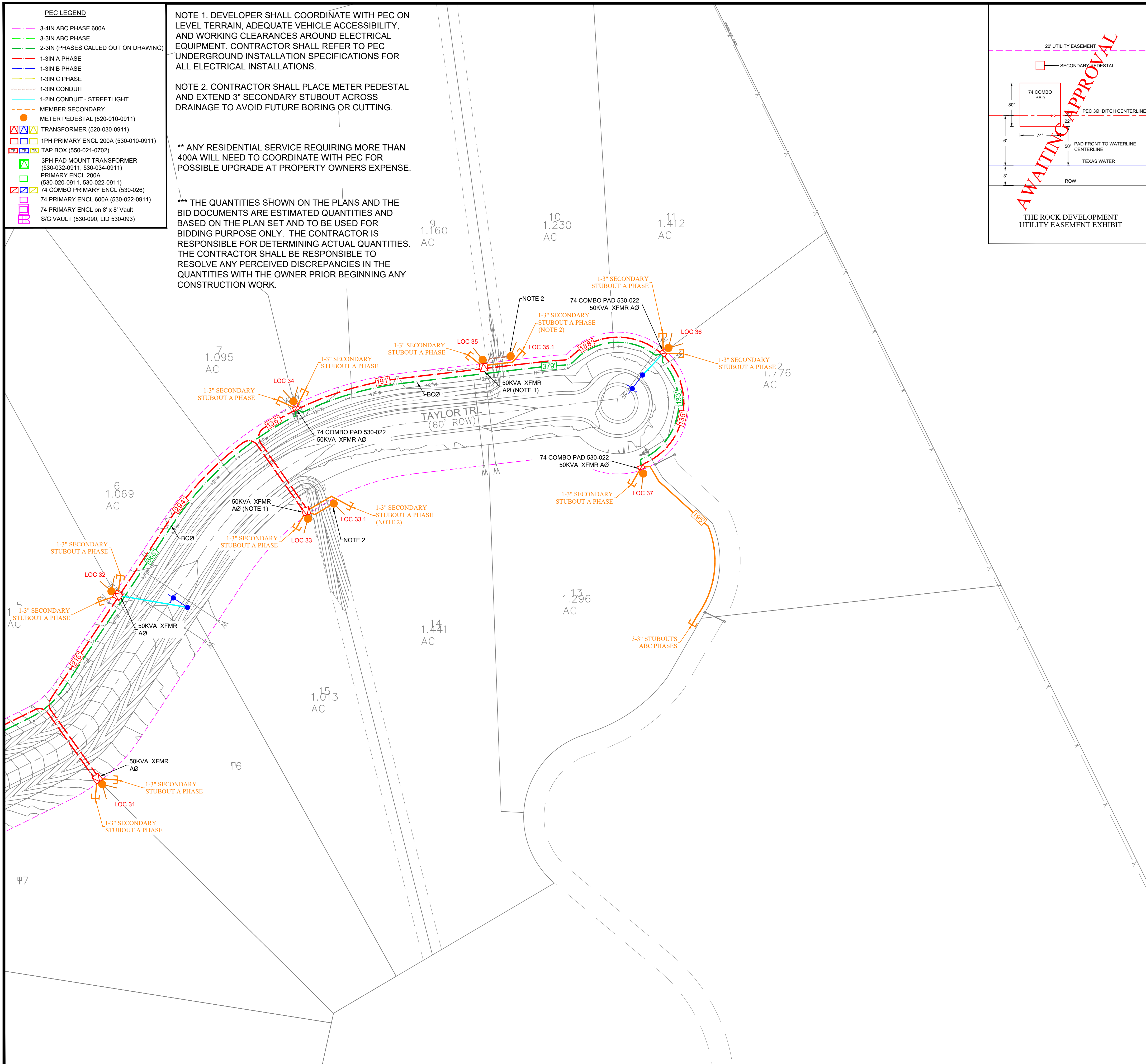
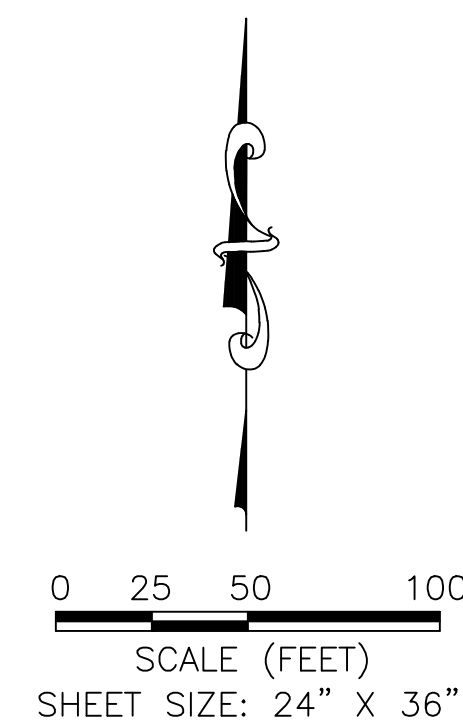
NOTE 2. CONTRACTOR SHALL PLACE METER PEDESTAL AND EXTEND 3" SECONDARY STUBOUT ACROSS DRAINAGE TO AVOID FUTURE BORING OR CUTTING.

** ANY RESIDENTIAL SERVICE REQUIRING MORE THAN 400A WILL NEED TO COORDINATE WITH PEC FOR POSSIBLE UPGRADE AT PROPERTY OWNERS EXPENSE

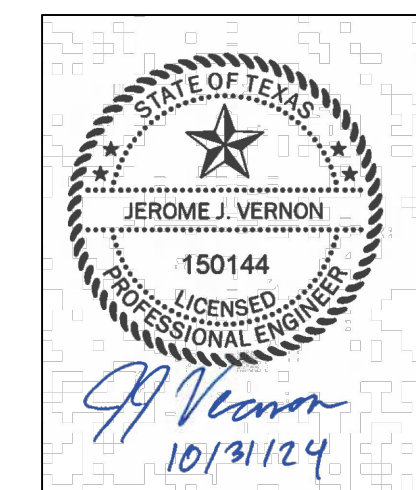
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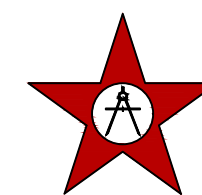
NOTE:
WHEN PEDESTAL WITH ADDED
SERVICE FEEDS ARE USED, THE
PEDESTAL THAT IT SERVES WILL
HAVE A CORRESPONDING LABEL
EXAMPLE: 2 SERVES 2A



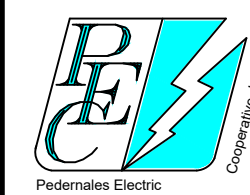
ISSUED FOR CONSTRUCTION



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Lr.	Date	Revision	By	Chkd.	Appd.	Lr.	Date	Revision	By Chkd. Appd.



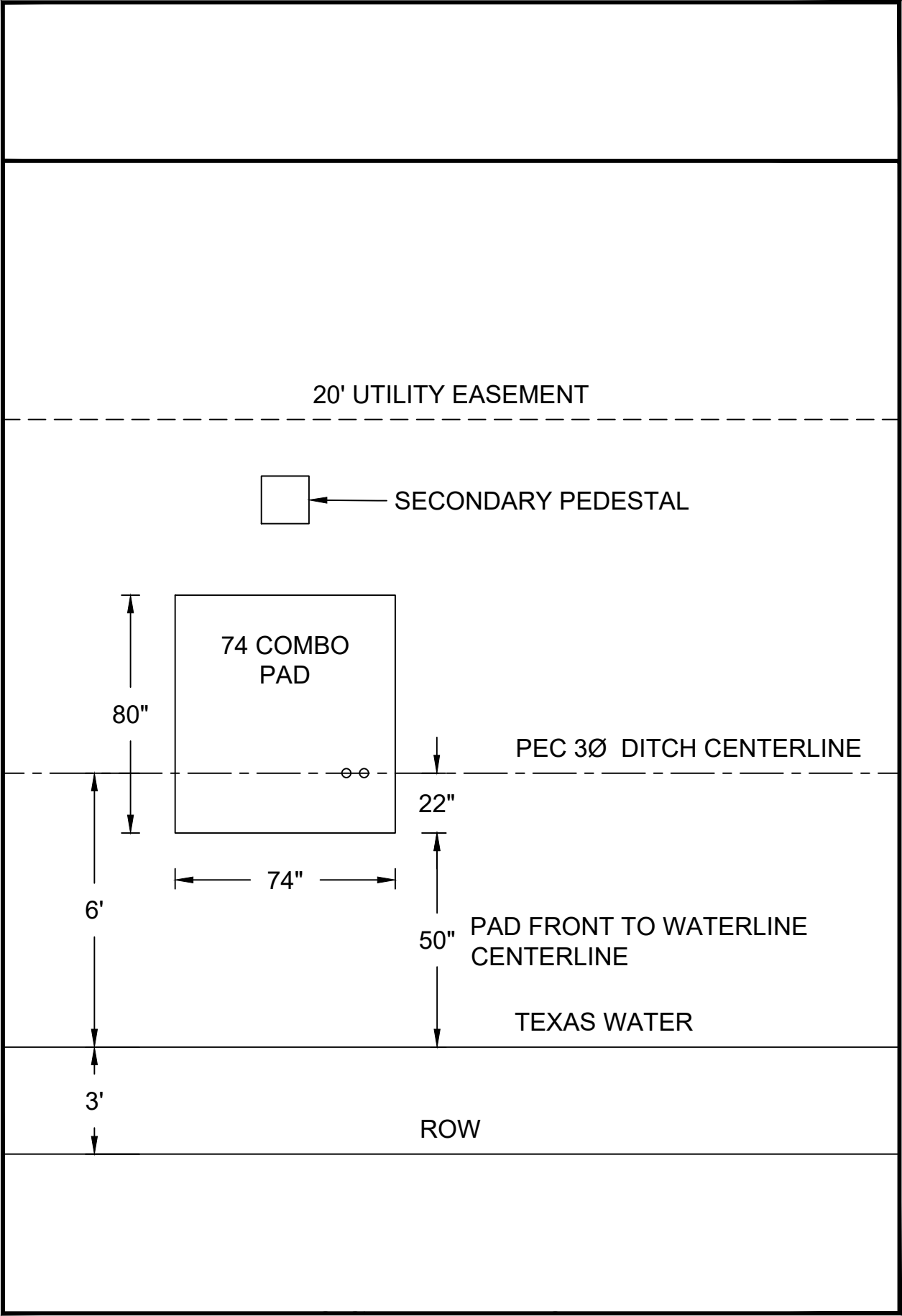
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CIVIL | ELECTRICAL | STRUCTURAL | MEP
TEXAS REGISTERED ENGINEERING FIRM
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PEDERNALES ELECTRIC COOPERATIVE, INC.

THE ROCK
4023INK00.001

DATE: 10/29/2024
SCALE: 1" = 50'
ENGINEER: JEROME VERNON, P.E.
DESIGNED BY: P. HAVARD
DRAWN BY: P. HAVARD
SHEET: 6 OF 6



THE ROCK DEVELOPMENT
UTILITY EASEMENT EXHIBIT