

LEGEND

- EXISTING ELECTRIC FACILITIES
- PROPOSED ELECTRIC FACILITIES
- REMOVE EXISTING ELECTRIC FACILITIES
- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING POLE
- PROPOSED POLE IN NEW LOCATION
- PROPOSED POLE IN EXISTING LOCATION
- EXISTING TRANSFORMER
- PROPOSED TRANSFORMER IN NEW LOCATION
- PROPOSED TRANSFORMER IN EXISTING LOCATION
- EXISTING LUMINAIRE
- EXISTING GUY LOCATION
- EXISTING SINGLE-PHASE OVERHEAD POWER LINE
- EXISTING V-PHASE OVERHEAD POWER LINE
- EXISTING THREE-PHASE OVERHEAD POWER LINE
- EXISTING DUAL-CIRCUIT OVERHEAD POWER LINE
- EXISTING SECONDARY OR SERVICE
- POWER LINE PHASE

0 50' 100'

CONSTRUCTION NOTES:

1. Before construction starts, Contractor shall meet with a HCEC representative.
2. Contractor to locate all utilities prior to commencement of construction.
3. All stakes to be refreshed and old stakes pulled prior to commencement of construction.
4. Project is designed for Medium Loading, Grade C.
5. Poles set 2' off Property line.
6. Project designed with (1) 48 Strand Fiber.

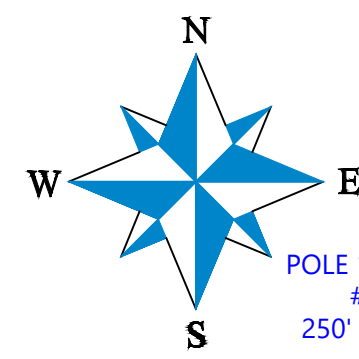
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HAMILTON COUNTY
ELECTRIC COOPERATIVE
"OWNED BY THOSE WE SERVE"

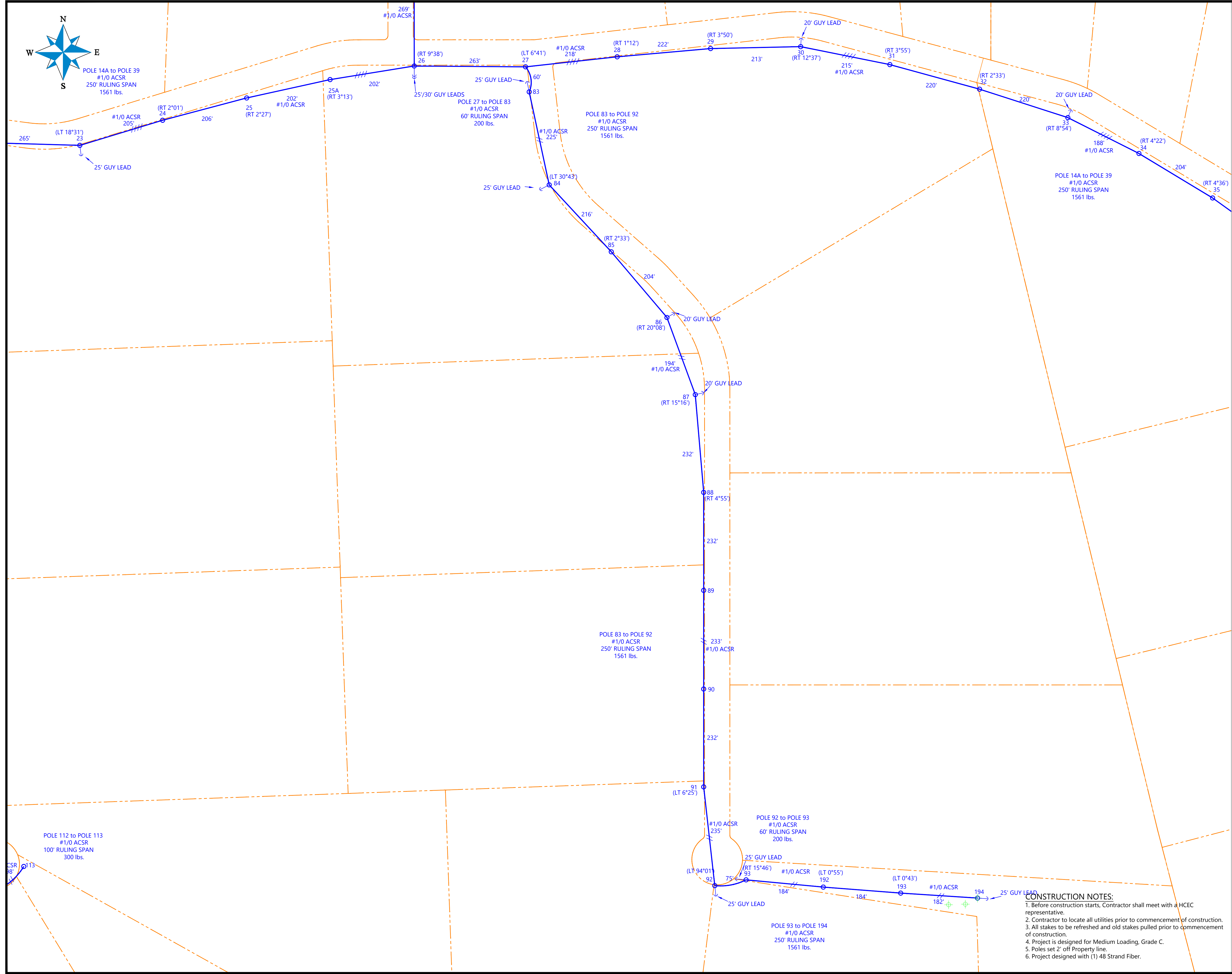
CONSTRUCTION DRAWING
RIO ESCONDIDO (PHASES 6A, 6B, 6C)
WO# 28632

EMPACT ENGINEERING ENGINEERING FIRM F-21492
20886 FM 159
NAVASOTA, TX 77868












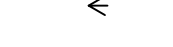
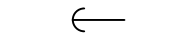
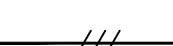
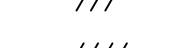
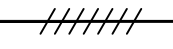
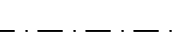
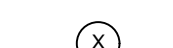



SCALE: 1" = 100'	DATE:	DWG NO.:	SHEET NO.:
DRAWN BY: RHG	JOB CODE:	EE-HAM-2-R.1-CN1	1 OF 13
			REV: RHG

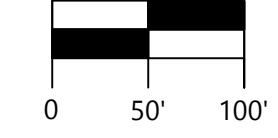


POLE 14A to POLE 39
#1/0 ACSR
250' RULING SPAN
1561 lbs.



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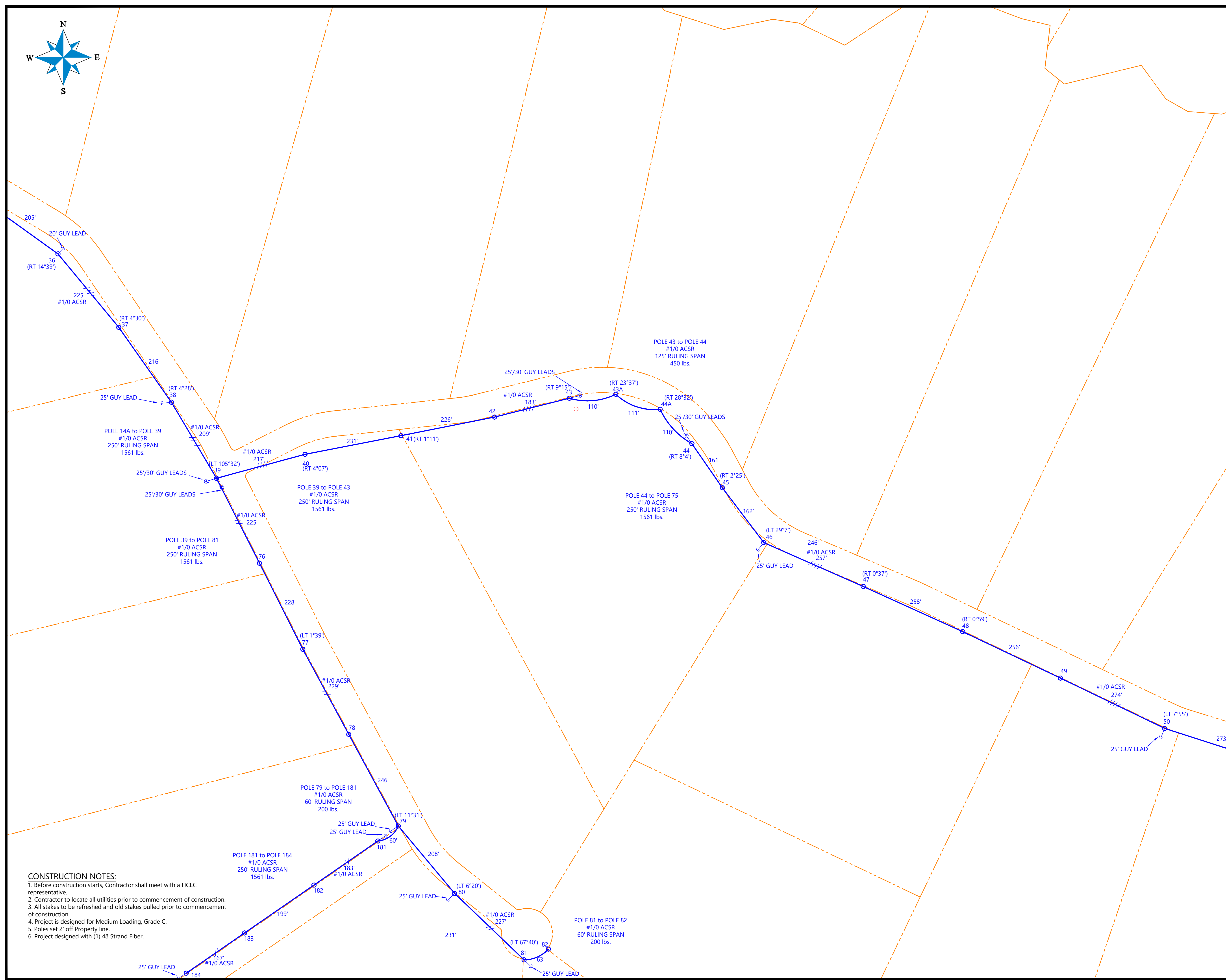
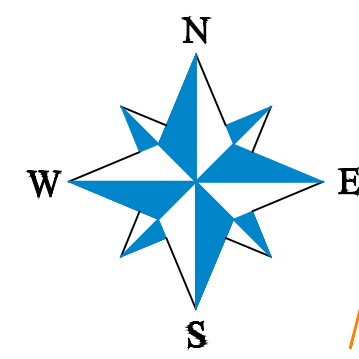


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20886 FM 159
NAVASOTA, TX 77868

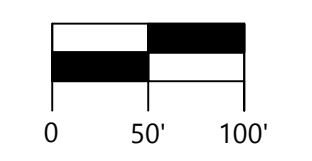
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DRAWN BY: RHG	JOB CODE:	REV: RHG	

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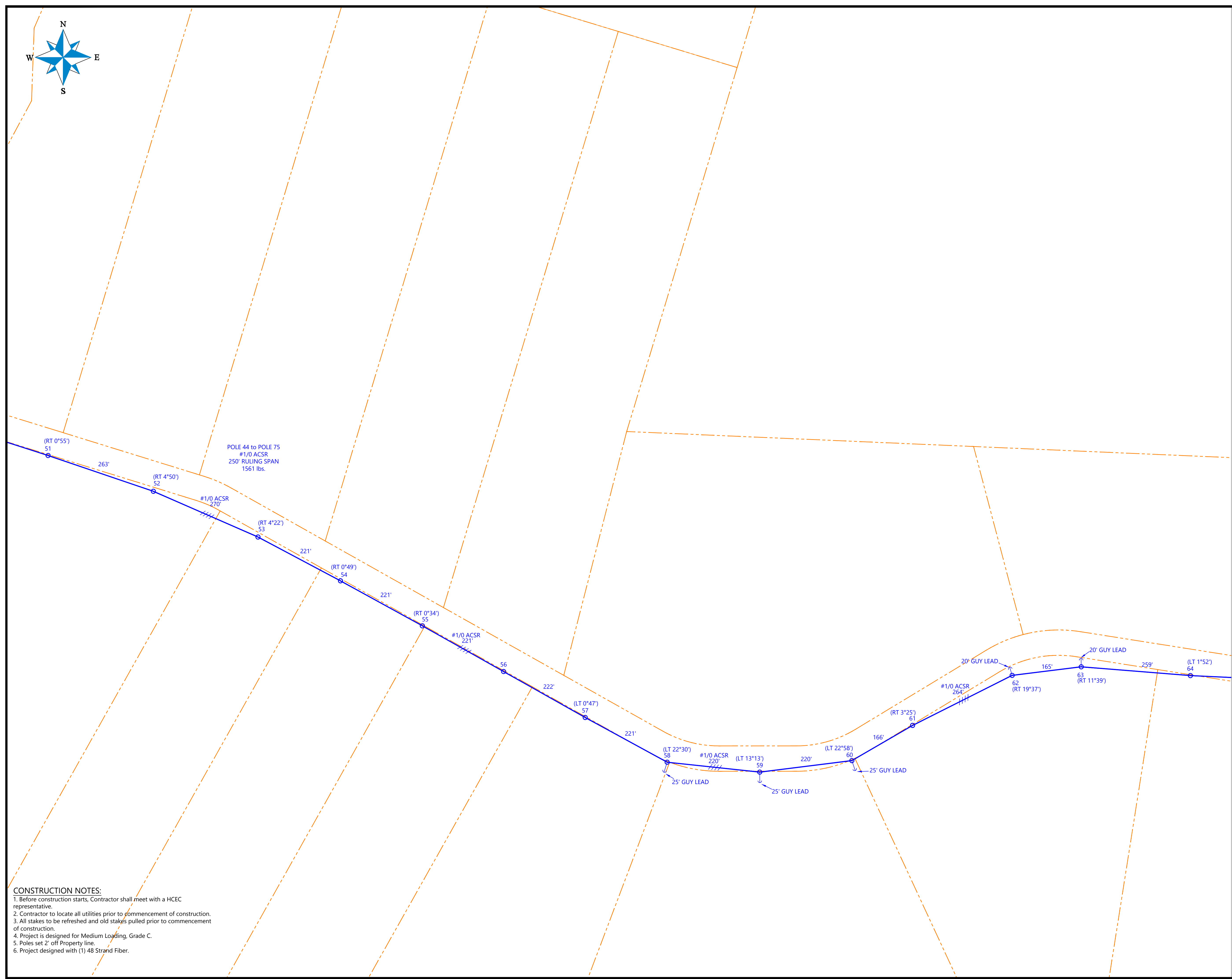
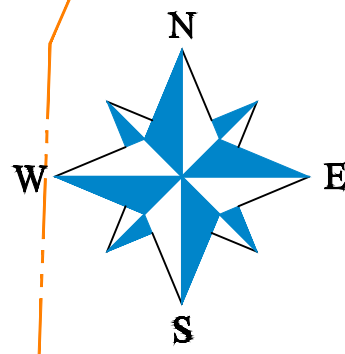
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	20886 FM 159 NAVASOTA, TX 77868

SCALE: 1" = 100'	DATE:	DWG NO. EE-HAM-2-R-1-CN3	SHEET NO. 3 OF 13
DRAWN BY: RHG	JOB CODE:	REV. RHG	



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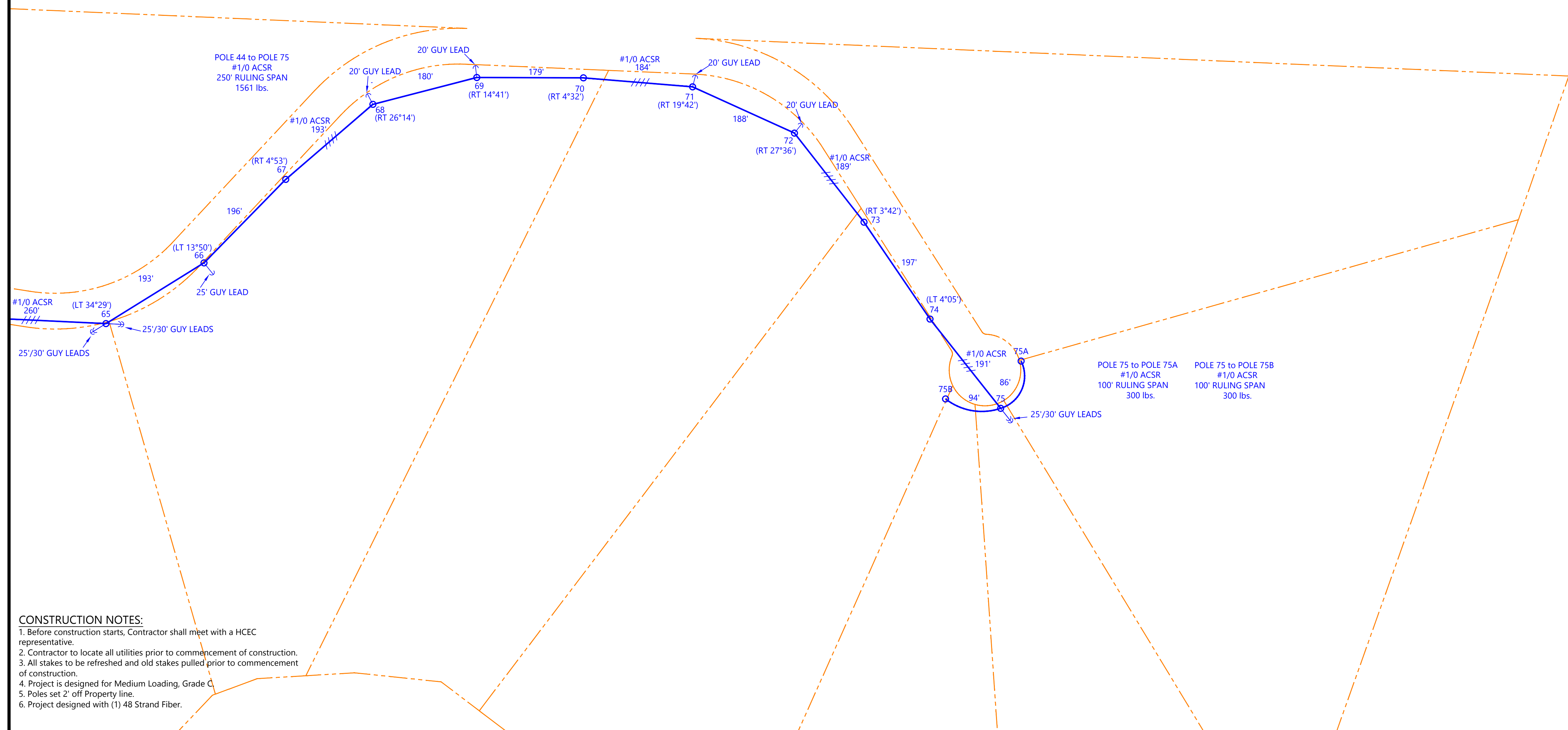
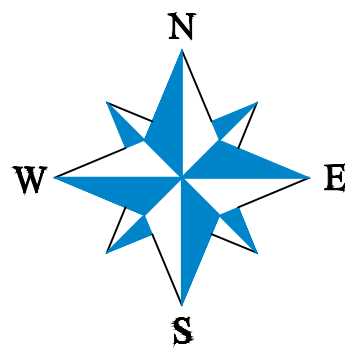
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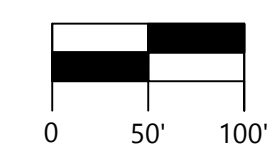
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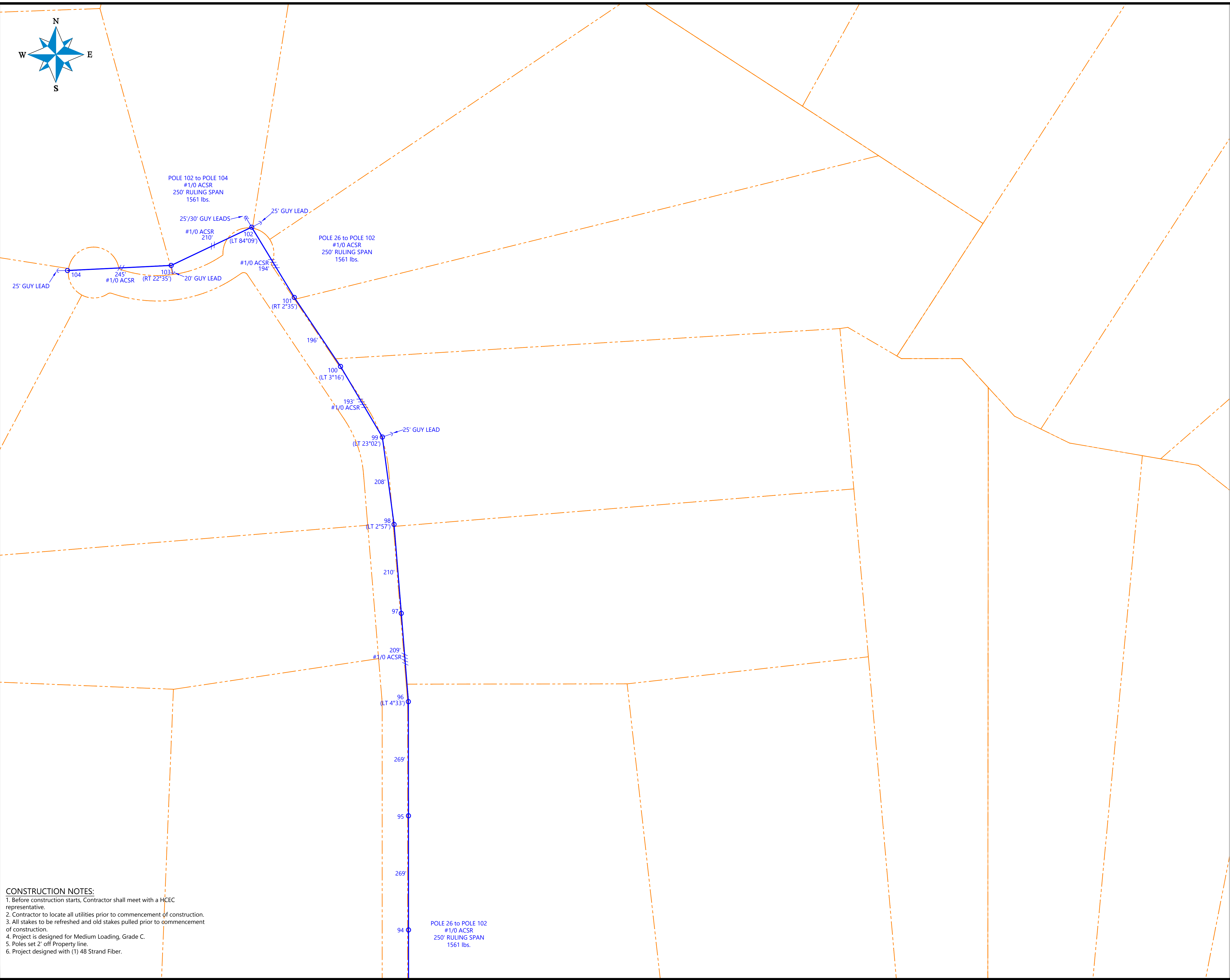
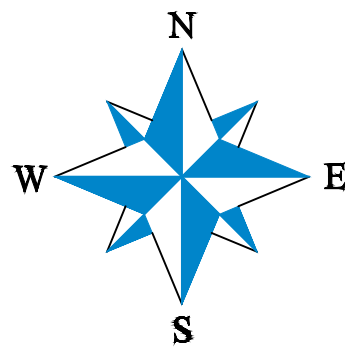
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	20886 FM 159 NAVASOTA, TX 77868

SCALE: 1" = 100'	DATE:	DWG NO.:	SHEET NO.:
DRAWN BY: RHG	JOB CODE:	EE-HAM-2-R.1-CN5	5 OF 13
			REV: RHG



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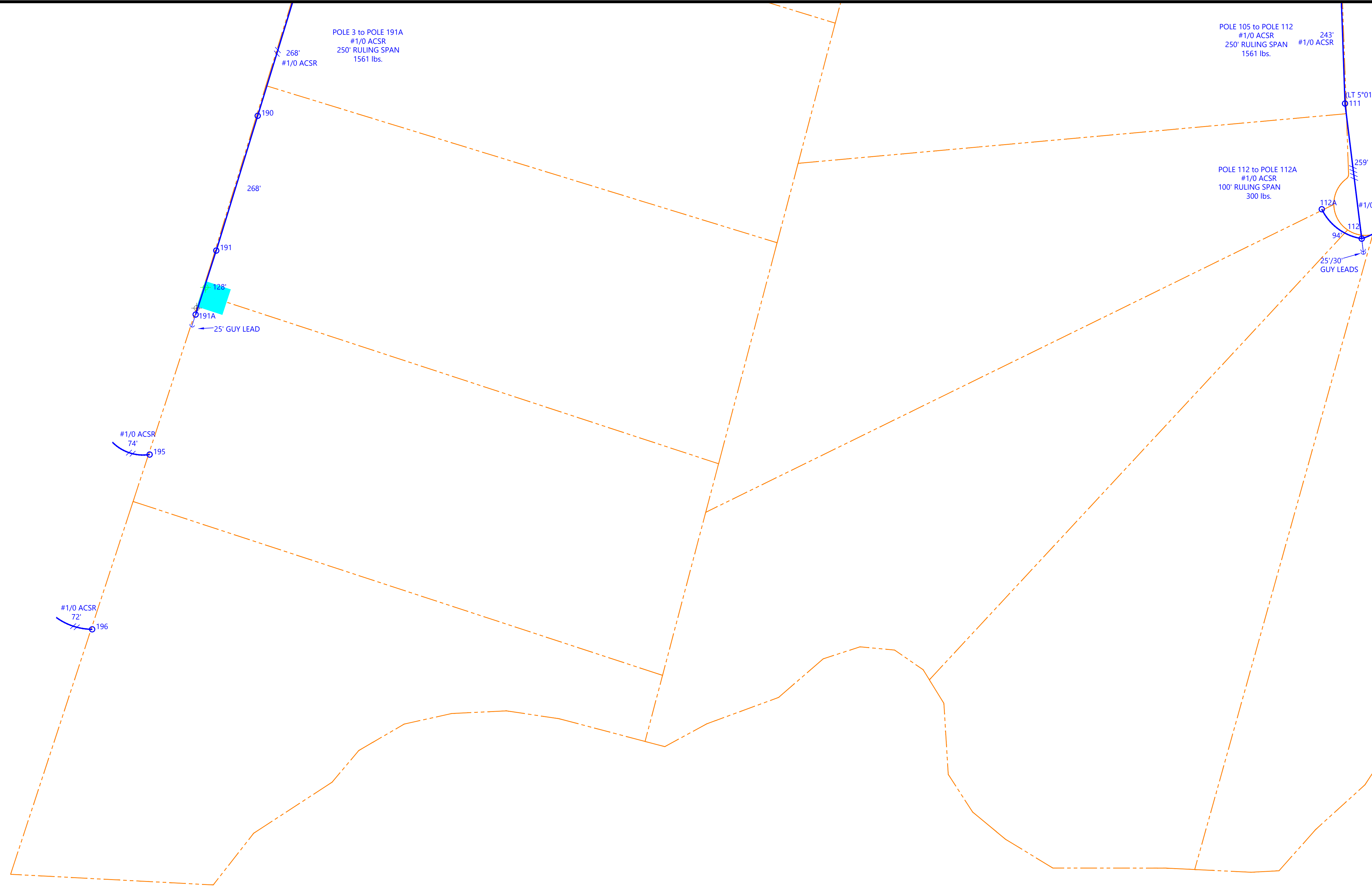
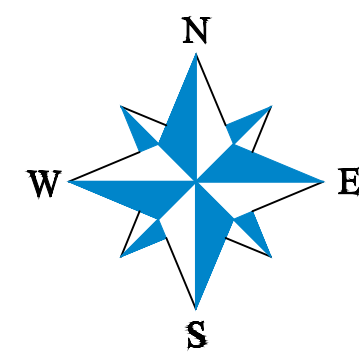
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 WO# 28632

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20886 FM 159
NAVASOTA, TX 77868

SCALE: 1" = 100'	DATE:	DWG NO.:	SHEET NO.:
DRAWN BY: RHG	JOB CODE:	EE-HAM-2-R-1-CN6	6 OF 13
		REV:	RHG



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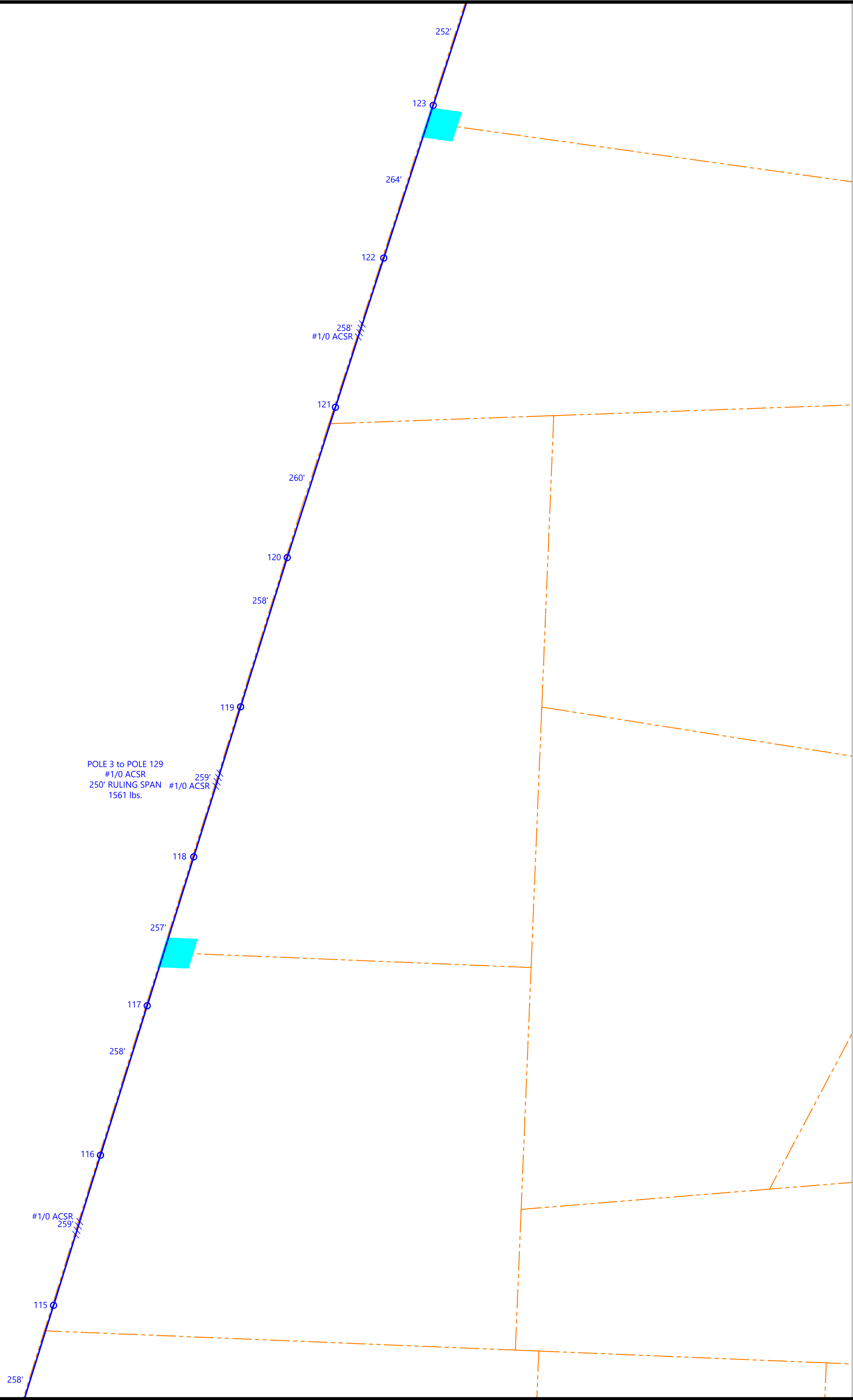
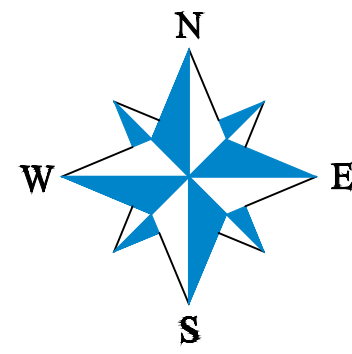
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SCALE: 1" = 100'	DATE:	DWG NO.:	SHEET NO.:
DRAWN BY: RHG	JOB CODE:	EE-HAM-2-R-1-CN7	7 OF 13
			REV: RHG



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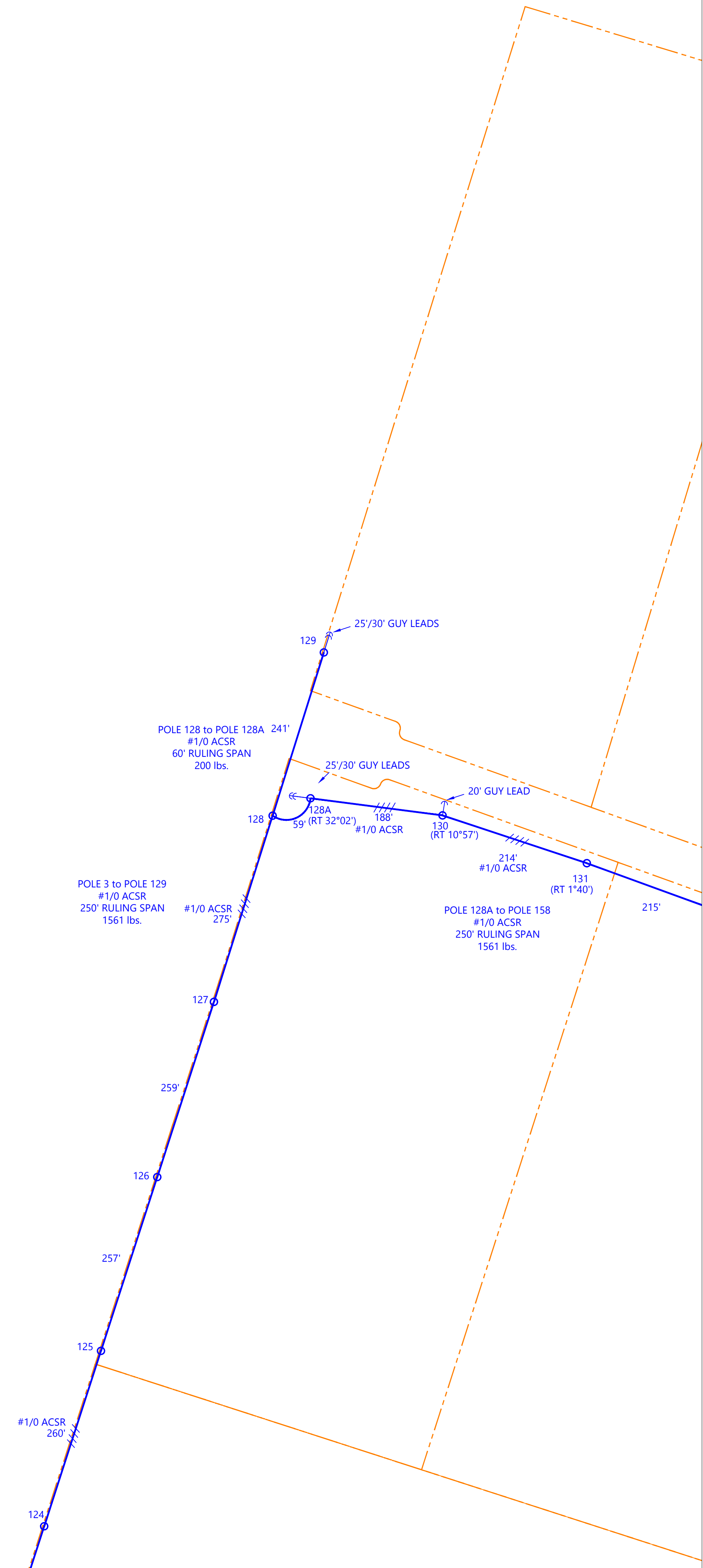
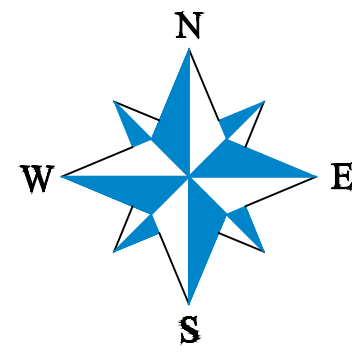
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**EMPACT
ENGINEERING**

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 NAVASOTA, TX 77868

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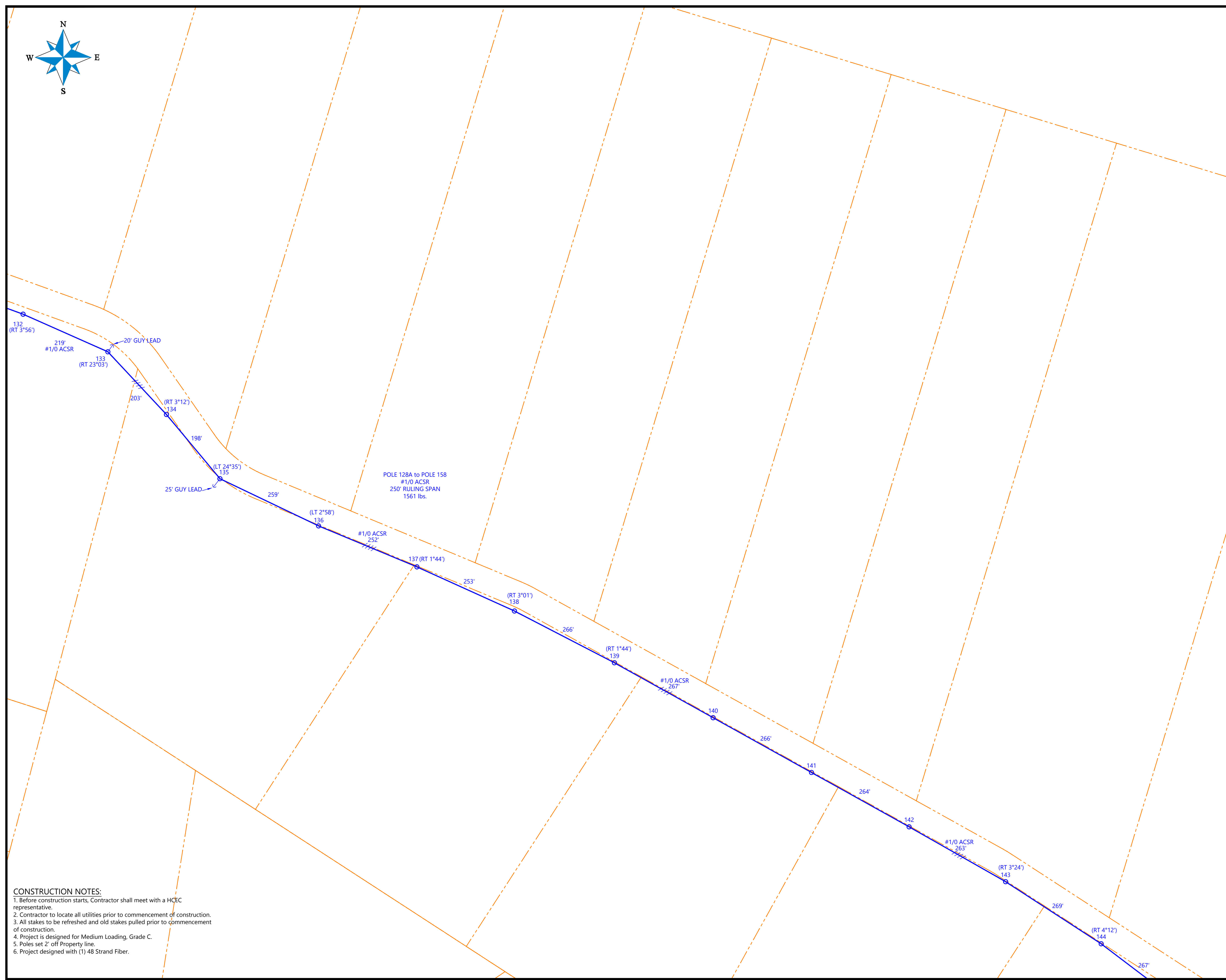
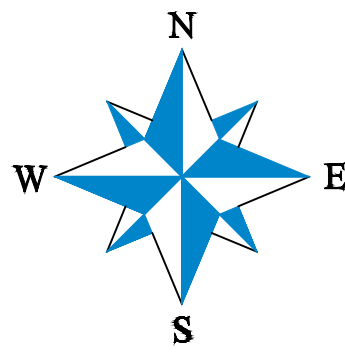
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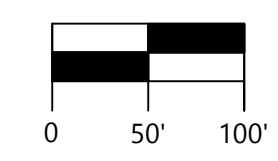
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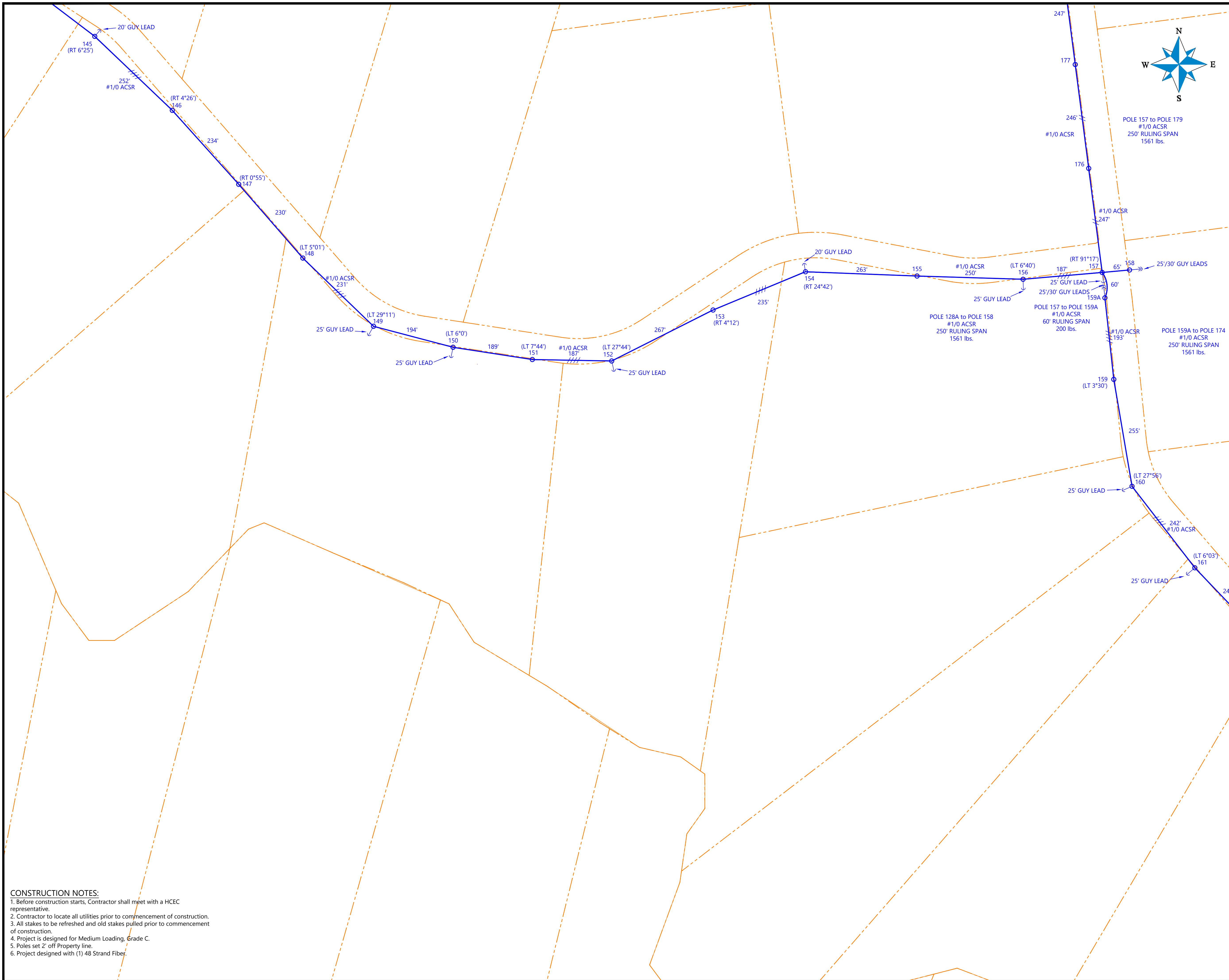
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**HAMILTON COUNTY
ELECTRIC
COOPERATIVE**
"OWNED BY THOSE WE SERVE"

CONSTRUCTION DRAWING
RIO ESCONDIDO (PHASES 6A, 6B, 6C)
 WO# 28632

ENGINEERING FIRM F-21492
20886 FM 159
 NAVASOTA, TX 77868

SCALE: 1" = 100'	DATE:	DWG NO.:	SHEET NO.:
DRAWN BY: RHG	JOB CODE:	EE-HAM-2-R.1-CN10	10 OF 13
			REV: RHG



LEGEND

- EXISTING ELECTRIC FACILITIES
- PROPOSED ELECTRIC FACILITIES
- REMOVE EXISTING ELECTRIC FACILITIES
- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING POLE
- PROPOSED POLE IN NEW LOCATION
- PROPOSED POLE IN EXISTING LOCATION
- EXISTING TRANSFORMER
- PROPOSED TRANSFORMER IN NEW LOCATION
- PROPOSED TRANSFORMER IN EXISTING LOCATION
- EXISTING LUMINAIRE
- EXISTING GUY LOCATION
- EXISTING SINGLE-PHASE OVERHEAD POWER LINE
- EXISTING V-PHASE OVERHEAD POWER LINE
- EXISTING THREE-PHASE OVERHEAD POWER LINE
- EXISTING DUAL-CIRCUIT OVERHEAD POWER LINE
- EXISTING SECONDARY OR SERVICE
- POWER LINE PHASE

0 50' 100'

CONSTRUCTION NOTES:
 1. Before construction starts, Contractor shall meet with a HCEC representative.
 2. Contractor to locate all utilities prior to commencement of construction.
 3. All stakes to be refreshed and old stakes pulled prior to commencement of construction.
 4. Project is designed for Medium Loading, Grade C.
 5. Poles set 2' off Property line.
 6. Project designed with (1) 48 Strand Fiber.

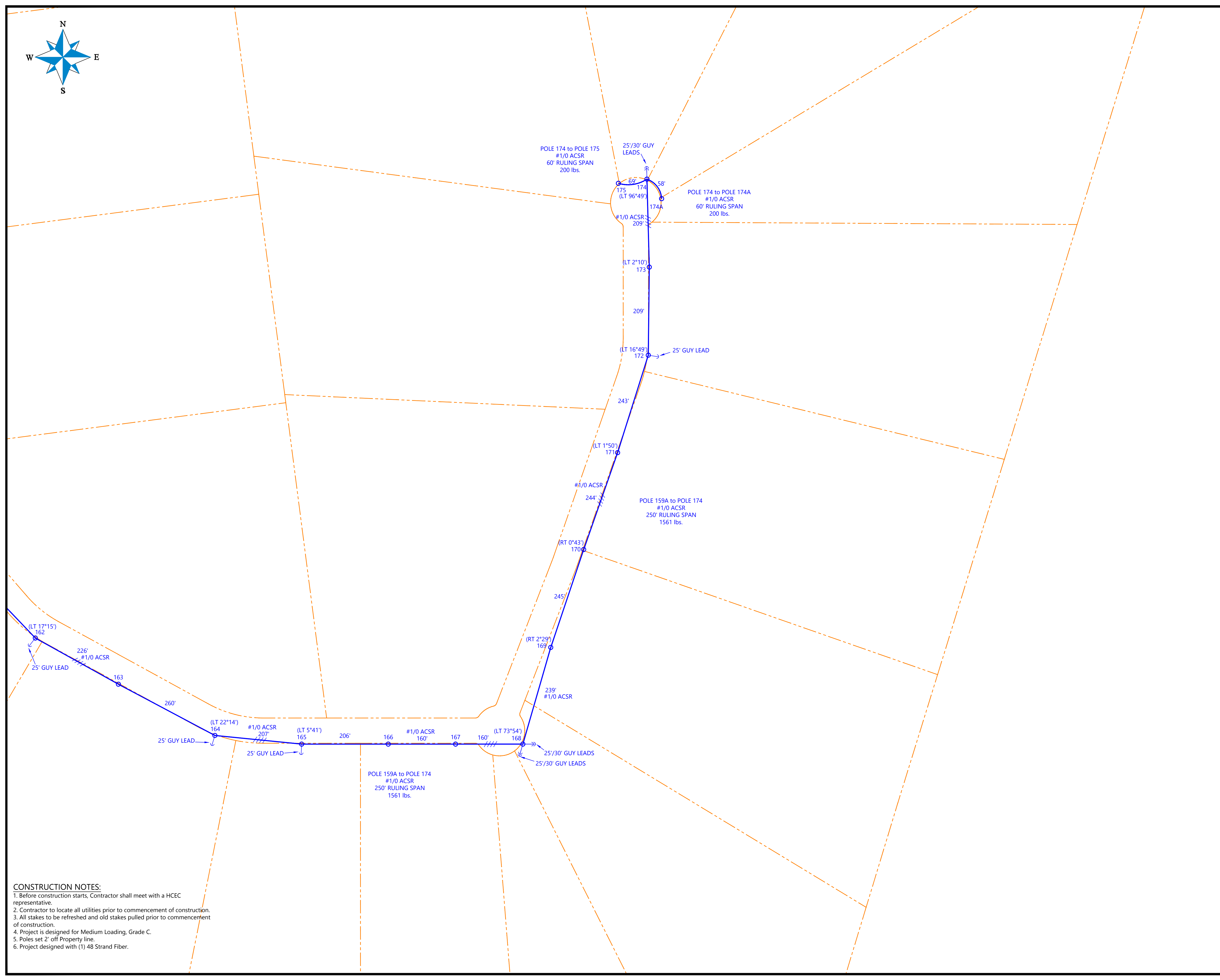
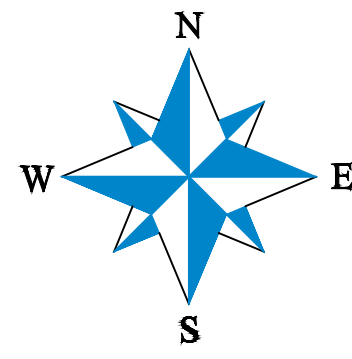
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CONSTRUCTION DRAWING
RIO ESCONDIDO (PHASES 6A, 6B, 6C)
 WO# 28632

EMPACT ENGINEERING ENGINEERING FIRM F-21492
 20886 FM 159 NAVASOTA, TX 77868

SCALE: 1" = 100'	DATE:	DWG NO.:	SHEET NO.:
DRAWN BY: RHG	JOB CODE:	EE-HAM-2-R.1-CN1	11 OF 13
			REV: RHG



LEGEND

- EXISTING ELECTRIC FACILITIES
- PROPOSED ELECTRIC FACILITIES
- REMOVE EXISTING ELECTRIC FACILITIES
- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING POLE
- PROPOSED POLE IN NEW LOCATION
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- PROPOSED TRANSFORMER IN NEW LOCATION
- PROPOSED TRANSFORMER IN EXISTING LOCATION
- EXISTING LUMINAIRE
- PROPOSED LUMINAIRE
- EXISTING GUY LOCATION
- PROPOSED GUY LOCATION
- EXISTING SINGLE-PHASE OVERHEAD POWER LINE
- EXISTING V-PHASE OVERHEAD POWER LINE
- EXISTING THREE-PHASE OVERHEAD POWER LINE
- EXISTING DUAL-CIRCUIT OVERHEAD POWER LINE
- EXISTING SECONDARY OR SERVICE
- POWER LINE PHASE

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4. Project is designed for Medium Loading, Grade C.
5. Poles set 2' off Property line.
6. Project designed with (1) 48 Strand Fiber.

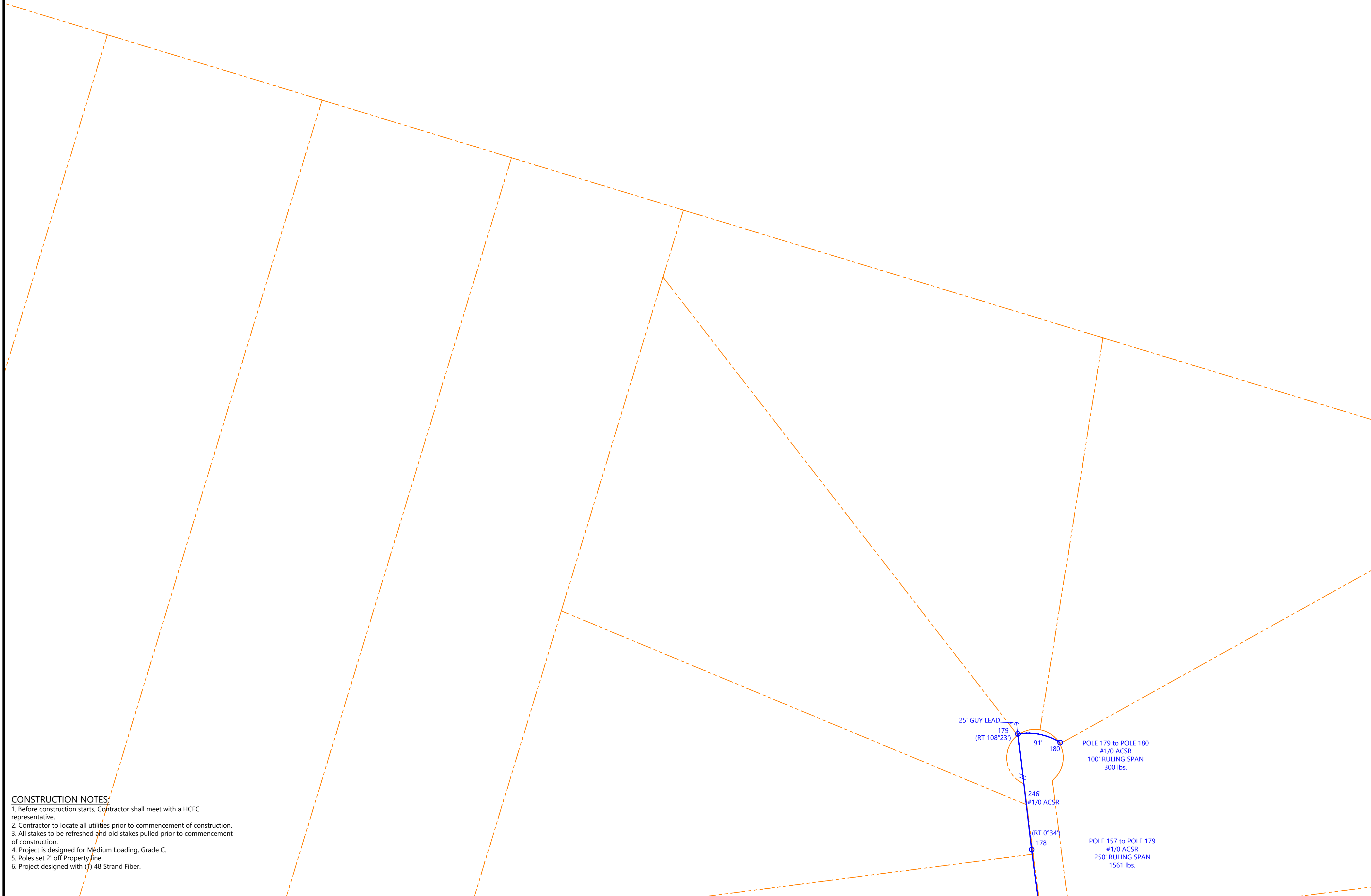
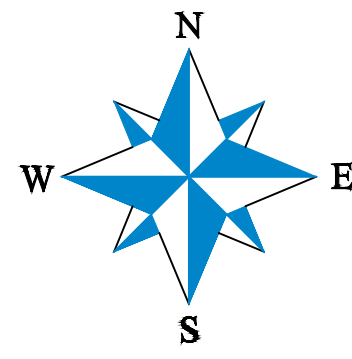
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CONSTRUCTION DRAWING
 RIO ESCONDIDO (PHASES 6A, 6B, 6C)
 WO# 28632

EMPACT ENGINEERING ENGINEERING FIRM F-21492
 20886 FM 159 NAVASOTA, TX 77868

SCALE: 1" = 100'	DATE:	DWG NO.:	SHEET NO.:
1" = 100'		EE-HAM-2-R.1-CN12	12 OF 13
DRAWN BY: RHG	JOB CODE:	REV.:	RHG



CONSTRUCTION NOTES:
 1. Before construction starts, Contractor shall meet with a HCEC representative.
 2. Contractor to locate all utilities prior to commencement of construction.
 3. All stakes to be refreshed and old stakes pulled prior to commencement of construction.
 4. Project is designed for Medium Loading, Grade C.
 5. Poles set 2' off Property line.
 6. Project designed with (1) 48 Strand Fiber.

LEGEND

- EXISTING ELECTRIC FACILITIES
- PROPOSED ELECTRIC FACILITIES
- REMOVE EXISTING ELECTRIC FACILITIES
- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING POLE
- PROPOSED POLE IN NEW LOCATION
- PROPOSED POLE IN EXISTING LOCATION
- EXISTING TRANSFORMER
- PROPOSED TRANSFORMER IN NEW LOCATION
- PROPOSED TRANSFORMER IN EXISTING LOCATION
- EXISTING LUMINAIRE
- EXISTING LUMINAIRE
- EXISTING GUY LOCATION
- EXISTING SINGLE-PHASE OVERHEAD POWER LINE
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- EXISTING DUAL-CIRCUIT OVERHEAD POWER LINE
- EXISTING SECONDARY OR SERVICE
- POWER LINE PHASE

0 50' 100'

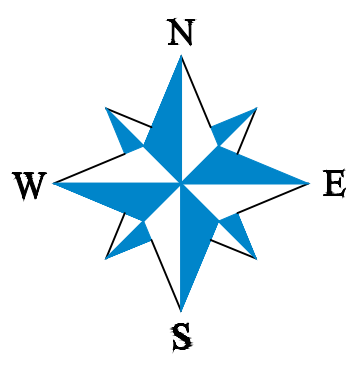
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 WO# 28632

EMPACT ENGINEERING ENGINEERING FIRM F-21492
 20886 FM 159 NAVASOTA, TX 77868








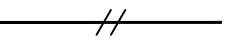

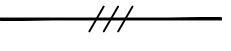

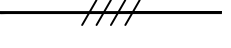

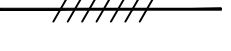





SCALE: 1" = 100'	DATE:	DWG NO.:	SHEET NO.:
DRAWN BY: RHG	JOB CODE:	EE-HAM-2-R.1-CN13	13 OF 13
		REV:	RHG

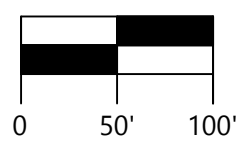


CONSTRUCTION NOTES:
 1. Before construction starts, Contractor shall meet with a CoServ representative.
 2. Contractor to locate all utilities prior to commencement of construction.
 3. All stakes to be refreshed and old stakes pulled prior to commencement of construction.
 4. Project is designed for Heavy Loading, Grade C.
 5. Project designed for #4777 ACSR 3ph for Poles 1-20.
 6. Existing or proposed communications??

Note: All xxxx poles are placed within the typical 0' to 3' offset reserved for overhead electric facilities where applicable.

LEGEND

	EXISTING ELECTRIC FACILITIES		PROPOSED TRANSFORMER IN EXISTING LOCATION
	PROPOSED ELECTRIC FACILITIES		EXISTING LUMINAIRE
	REMOVE EXISTING ELECTRIC FACILITIES		EXISTING GUY LOCATION
	PROPOSED RIGHT-OF-WAY		EXISTING SINGLE-PHASE OVERHEAD POWER LINE
	EXISTING RIGHT-OF-WAY		EXISTING V-PHASE OVERHEAD POWER LINE
	EXISTING POLE		EXISTING THREE-PHASE OVERHEAD POWER LINE
	PROPOSED POLE IN NEW LOCATION		EXISTING DUAL-CIRCUIT OVERHEAD POWER LINE
	PROPOSED POLE IN EXISTING LOCATION		EXISTING SECONDARY OR SERVICE
	EXISTING TRANSFORMER		POWER LINE PHASE
	PROPOSED TRANSFORMER IN NEW LOCATION		

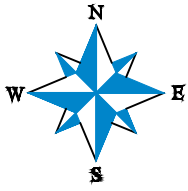


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**PRELIMINARY
NOT FOR CONSTRUCTION**

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INITIAL REVIEW UNDER THE AUTHORITY OF: GARY TOBOLA, P.E. 96559
 #####
 IT IS NOT TO BE USED FOR BIDDING OR CONSTRUCTION PURPOSES.

CONSTRUCTION DRAWING RIO ESCONDIDO (PHASES 6A, 6B, 6C) WO# 28632			
IMPACT ENGINEERING		ENGINEERING FIRM F-21492 20886 FM 159 NAVASOTA, TX 77868	
SCALE: 1" = 100'	DATE:	DWG NO: EE-24X36V	SHEET NO: ---- OF 13
DRAWN BY: RHG	JOB CODE:	REV: RHG	



PLAN
1" = 100'


PROFILE
H: 1" = 100'
V: 1" = 10'

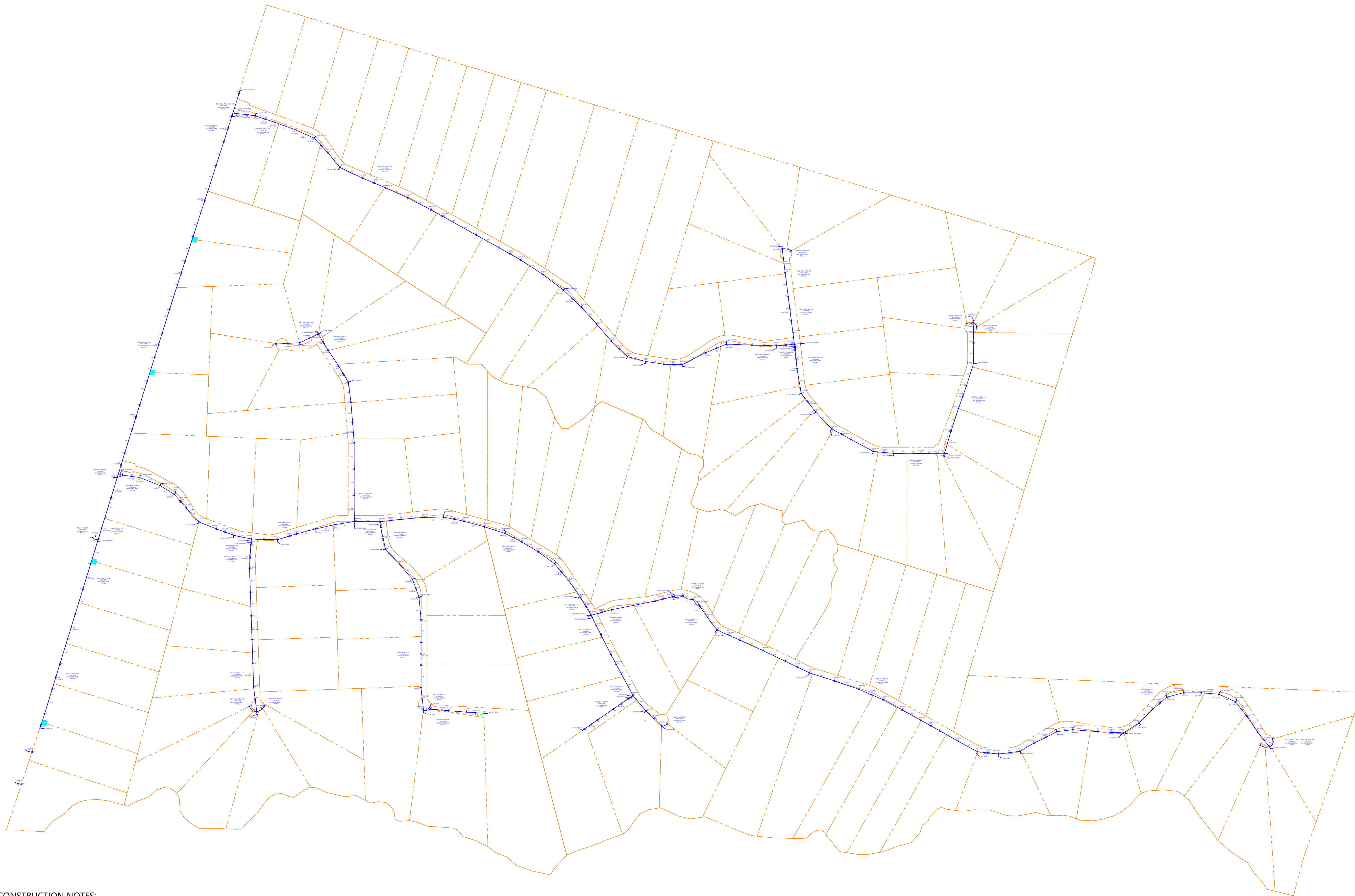
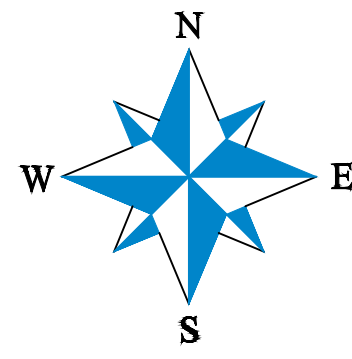
CONSTRUCTION NOTES:

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4. Existing or proposed communications??

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	ENGINEERING FIRM F-21492 20886 FM 159 NAVASOTA, TX 77868	DRAWING NAME: EE-TXDOT	
		RIO ESCONDIDO (PHASES 6A, 6B, 6C) WO# 28632 TxDOT Permit (Pole XX to Pole XX)	SCALE: VARIES DRAWN BY: RHG



LEGEND


- EXISTING ELECTRIC FACILITIES
- PROPOSED ELECTRIC FACILITIES
- REMOVE EXISTING ELECTRIC FACILITIES
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EMPACT
ENGINEERING

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SCALE: 1" = 100'	DATE:	DWG NO.:	SHEET NO.:
DRAWN BY: RHG	JOB CODE:	EE-HAM-2-R1-CN-OVERALL	1 OF 1
			REV: MKK