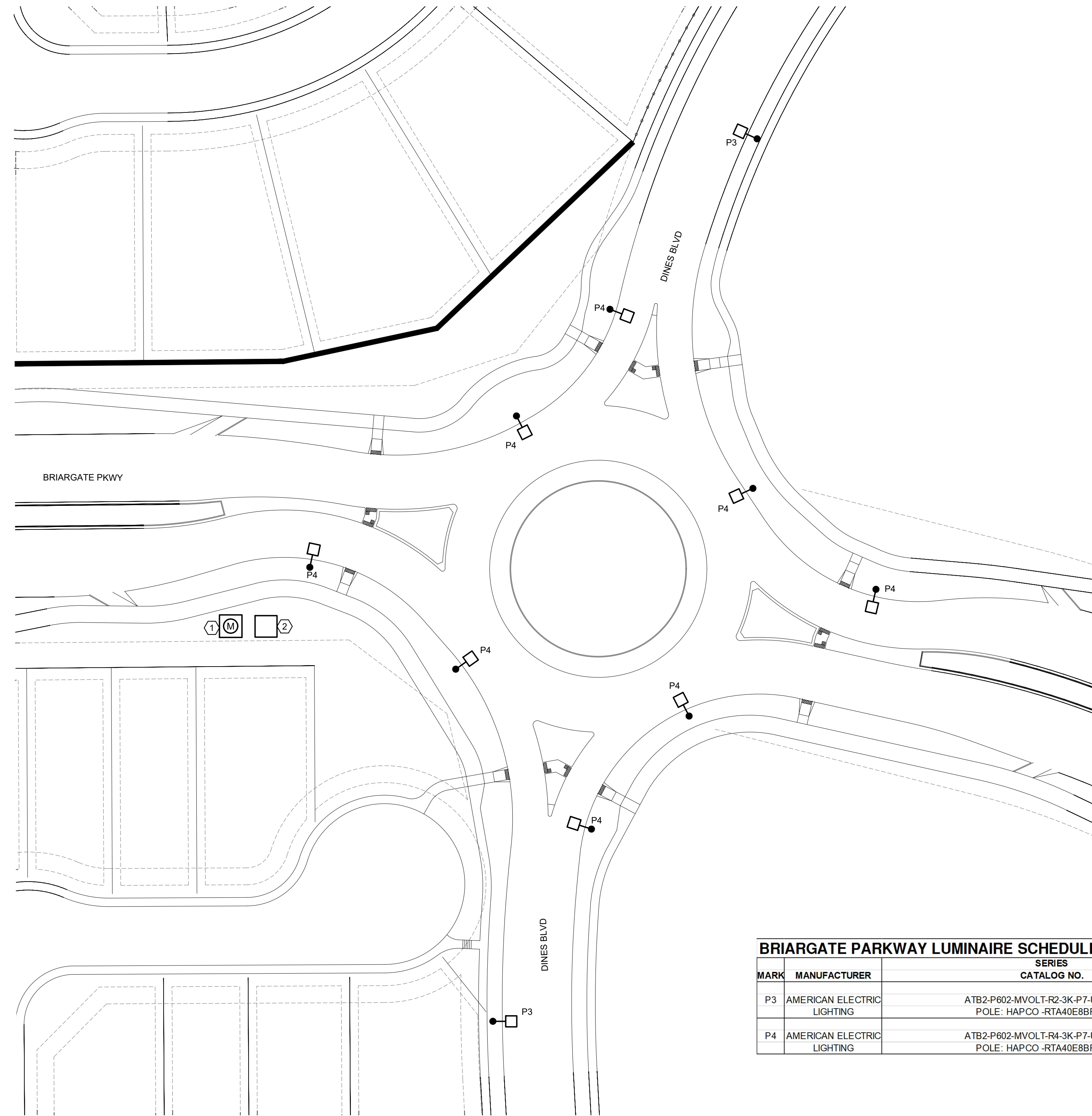


RETREAT AT PRAIRIERIDGE FILING NO. 2

COUNTY OF EL PASO, STATE OF COLORADO

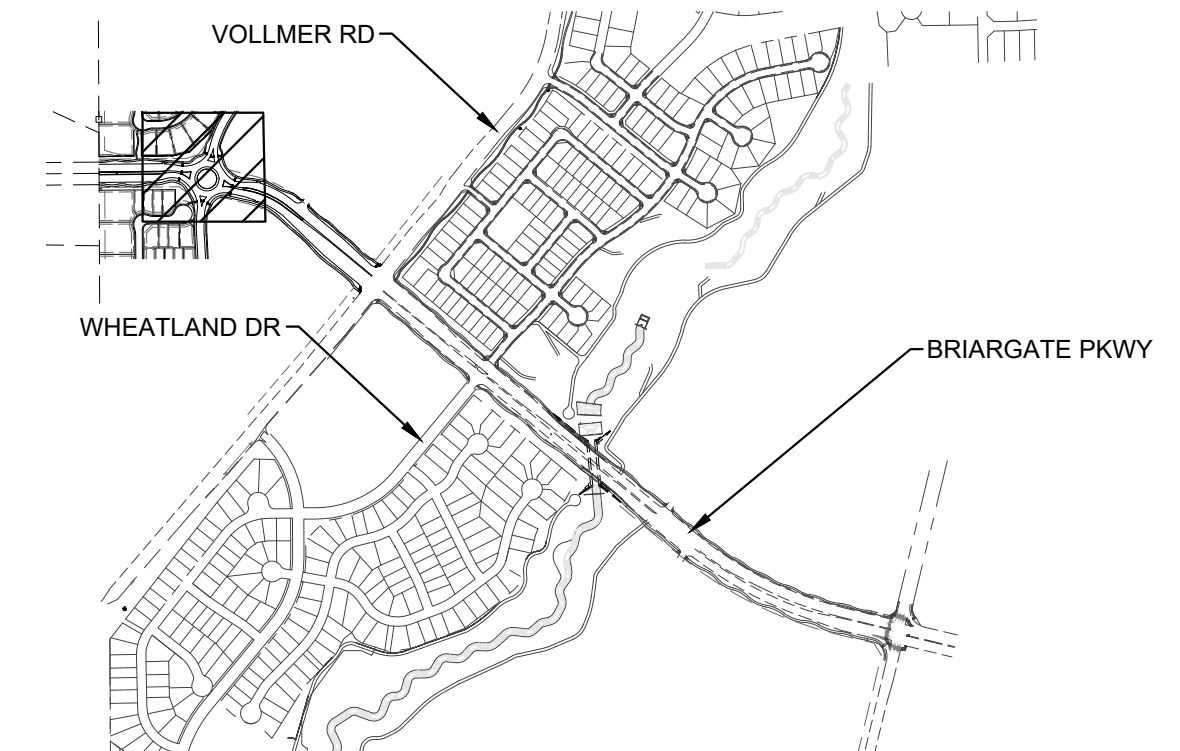
CONSTRUCTION DRAWINGS

MARCH 2025



KEYED NOTES

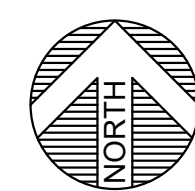
- ① APPROXIMATE LOCATION OF METER PEDESTAL. SEE E502 FOR MORE DETAILS.
- ② APPROXIMATE LOCATION OF LIGHTING CONTROL PANEL. SEE E502 FOR MORE DETAILS.



KEY PLAN
SCALE: NTS

BRIARGATE PARKWAY LUMINAIRE SCHEDULE - PHASE 1 - WEST

MARK	MANUFACTURER	SERIES CATALOG NO.	LAMPS QTY/TYPE	LUMEN	FINISH	MOUNTING	WATTAGE	VOLTAGE	REMARKS
P3	AMERICAN ELECTRIC LIGHTING	ATB2-P602-MVOLT-R2-3K-P7-UMR-GRAY POLE: HAPCO-RTA40E88FD16-GC	LED 3000K 70CRI	29,188	GRAY	SINGLE HEAD POLE AT 40' AFG	196	120-277	31"LX14"WX5"H LED RADWAY FIXTURE, 0-10V DIMMING, TYPE 2 DISTRIBUTION, 0% UPLIGHT, IP66, 7 PIN CONTROL, -40 DEG C TO 40 DEG. C
P4	AMERICAN ELECTRIC LIGHTING	ATB2-P602-MVOLT-R4-3K-P7-UMR-GRAY POLE: HAPCO-RTA40E88FD16-GC	LED 3000K 70CRI	29,188	GRAY	SINGLE HEAD POLE AT 40' AFG	196	120-277	31"LX14"WX5"H LED RADWAY FIXTURE, 0-10V DIMMING, TYPE 4 DISTRIBUTION, 0% UPLIGHT, IP66, 7 PIN CONTROL, -40 DEG C TO 40 DEG. C



LIGHTING SITE PLAN - PHASE 1

SCALE: 1" = 40'-0"

PLANT ENGINEERING CONSULTANTS

320 WEST FILLMORE STREET COLORADO SPRINGS CO 80907
719 473 7077 PLANT PROJ #25111 www.planteci.com

REVIEW:
STREET DESIGN FOR CITY ENGINEERING:
UTILITY GRADE REVIEW _____ DATE _____
TRAFFIC SIGNAGE & STRIPING _____ DATE _____
CURB & GUTTER REVIEW _____ DATE _____
FINAL REVIEW _____ DATE _____
DRAINAGE DESIGN: _____ DATE _____
THIS IS FILED IN ACCORDANCE WITH SECTION 7.7.906 (DRAINAGE ORDINANCE) OF THE CODE OF THE CITY OF COLORADO SPRINGS 2001, AS AMENDED

DESIGN DATA:
SIDEWALKS: WIDTH: _____ LOCATION: Attached Detached
CURB TYPE 1 5 3
R/W WIDTH _____ MAT WIDTH _____
STREET TYPE _____ HVEEM _____

PAVEMENT:
TYPE: HMA PCC
THICKNESS _____
COMPOSITE SECTION
HMA _____
BASE _____
SUBGRADE STABILIZATION:
CHEMICAL: MECH.:
TYPE: _____
THICKNESS _____

48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
811
UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW
THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NO. REVISION	DATE

REVIEW:
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC
MARC A. WHORTON, COLORADO P.E. #37155 DATE _____

RETREAT AT PRAIRIERIDGE FILING NO. 2
CONSTRUCTION PLANS
LIGHTING SITE PLAN - PHASE 1

DESIGNED BY	CAO	SCALE	DATE	3-5-2025
DRAWN BY	CAO	(H) 1" = 40'	SHEET	28 OF 36
CHECKED BY	MPP	(V) 1" = 40'	JOB NO.	1.305.20

RETREAT AT PRAIRIERIDGE FILING NO. 2

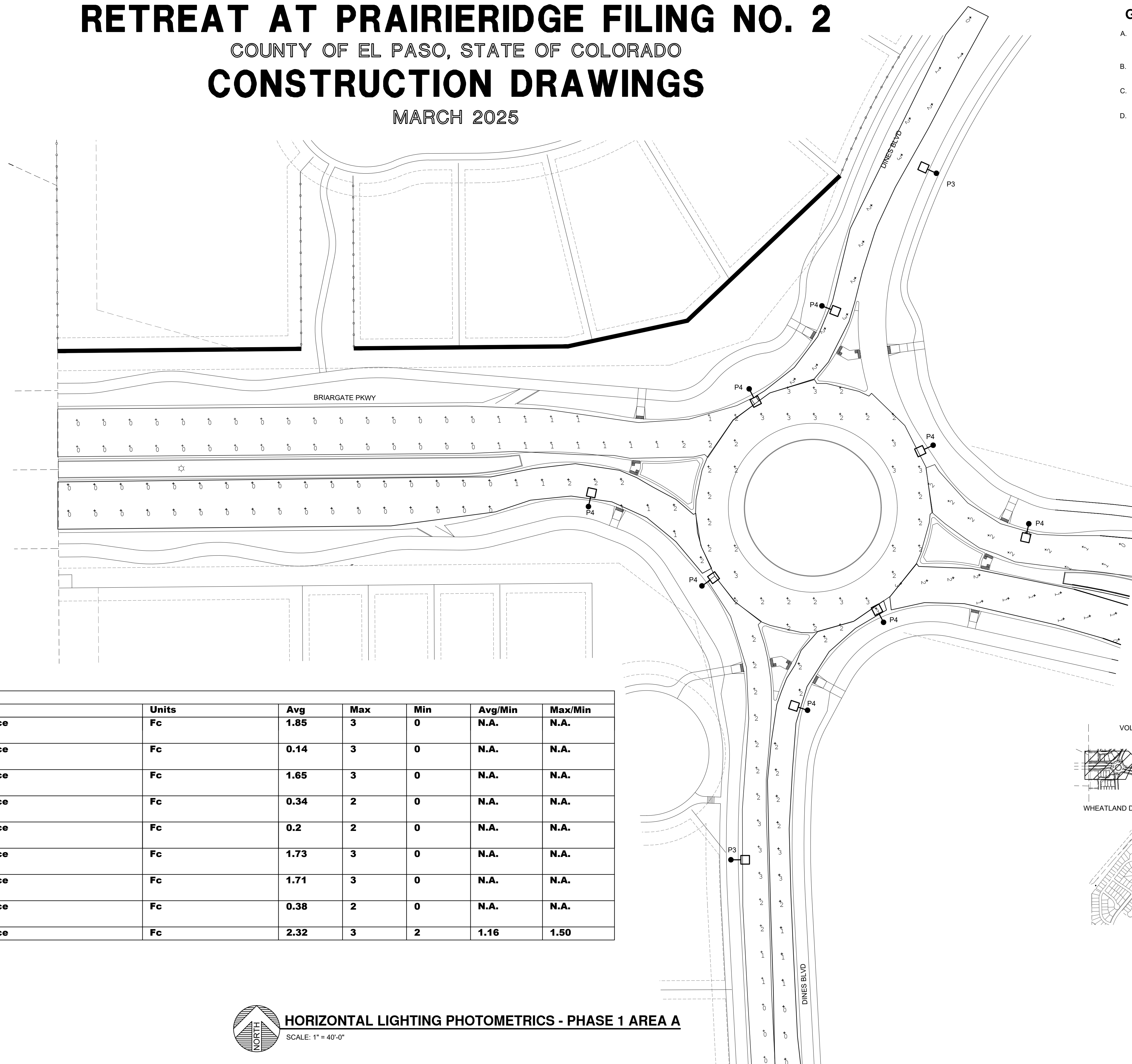
COUNTY OF EL PASO, STATE OF COLORADO

CONSTRUCTION DRAWINGS

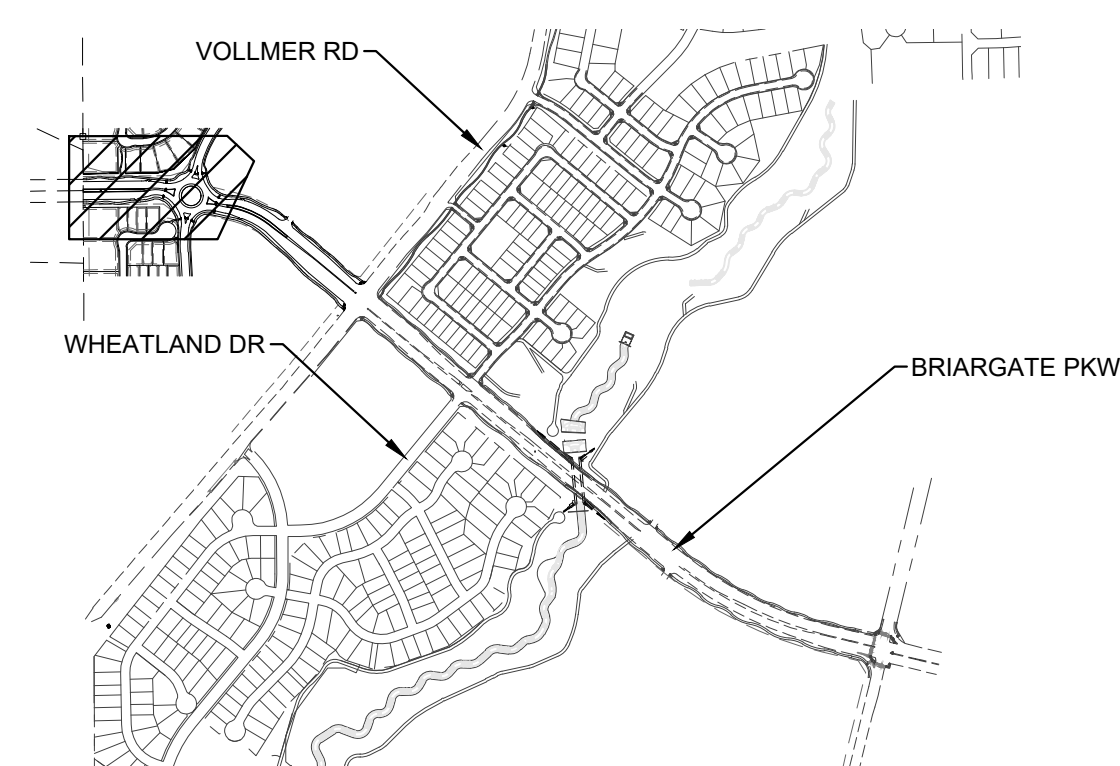
MARCH 2025

GENERAL NOTES

- A. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO ANY EXCAVATION. NOT ALL EXISTING CONDITIONS ARE SHOWN FOR CLARITY.
- B. CONTRACTOR SHALL PROVIDE ALL REQUIRED CUTTING, TRENCHING, BACKFILLING, AND RESTORATION.
- C. THESE PHOTOMETRIC CALCULATIONS ARE BASED ON MANUFACTURER'S IES FILES AND 0.95 LIGHT DEPRECIATION FACTOR.
- D. ACTUAL ILLUMINANCE LEVELS MAY DIFFER FROM THE FOOT CANDLE LEVELS SHOWN DUE TO VARIABLE FIELD CONDITIONS, SUCH AS NEARBY EXISTING LUMINAIRES, LUMINAIRE DIRT DEPRECIATION, LANDSCAPING, AND FUTURE DEVELOPMENTS.



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Incoming Traffic North Of Roundabout	Illuminance	Fc	1.85	3	0	N.A.	N.A.
Incoming Traffic Roundabout and Vollmer Intersection	Illuminance	Fc	0.14	3	0	N.A.	N.A.
Incoming Traffic South of Roundabout	Illuminance	Fc	1.65	3	0	N.A.	N.A.
Incoming Traffic West Of Roundabout	Illuminance	Fc	0.34	2	0	N.A.	N.A.
Outgoing Traffic from Vollmer Intersection to Roundabout	Illuminance	Fc	0.2	2	0	N.A.	N.A.
Outgoing Traffic North Of Roundabout	Illuminance	Fc	1.73	3	0	N.A.	N.A.
Outgoing Traffic South Of Roundabout	Illuminance	Fc	1.71	3	0	N.A.	N.A.
Outgoing Traffic West of Roundabout	Illuminance	Fc	0.38	2	0	N.A.	N.A.
Roundabout	Illuminance	Fc	2.32	3	2	1.16	1.50



KEY PLAN
SCALE: NTS

HORIZONTAL LIGHTING PHOTOMETRICS - PHASE 1 AREA A
SCALE: 1" = 40'-0"

PLANT
ENGINEERING CONSULTANTS
320 WEST FILLMORE STREET COLORADO SPRINGS CO 80907
719 473 7077 PLANT PROJ #25111 www.planteci.com

REVIEW:
STREET DESIGN FOR CITY ENGINEERING:
UTILITY GRADE REVIEW _____ DATE _____
TRAFFIC SIGNAGE & STRIPING _____ DATE _____
CURB & GUTTER REVIEW _____ DATE _____
FINAL REVIEW _____ DATE _____
DRAINAGE DESIGN: _____ DATE _____
THIS IS FILED IN ACCORDANCE WITH SECTION 7.7.906 (DRAINAGE ORDINANCE) OF THE CODE OF THE CITY OF COLORADO SPRINGS 2001, AS AMENDED

DESIGN DATA:
SIDEWALKS: WIDTH: _____
LOCATION: Attached Detached
CURB TYPE 1 5 3
R/W WIDTH _____ MAT WIDTH _____
STREET TYPE _____ HVEEM _____

PAVEMENT:
TYPE: HMA PCC
THICKNESS _____
COMPOSITE SECTION
HMA _____
BASE _____
SUBGRADE STABILIZATION:
CHEMICAL: MECH.:
TYPE: _____
THICKNESS _____

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NO. REVISION	DATE

REVIEW:
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC
MARC A. WHORTON, COLORADO P.E. #37155 DATE _____

614 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903
(719) 785-0190
(719) 785-0194(Fax)

RETREAT AT PRAIRIERIDGE FILING NO. 2			
CONSTRUCTION PLANS			
HORIZONTAL LIGHTING PHOTOMETRICS - PHASE 1 AREA A			
DESIGNED BY	CAO	SCALE	DATE 3-5-2025
DRAWN BY	CAO	(H) 1"= 40'	SHEET 29 OF 36
CHECKED BY	MPP	(V) 1"= 40'	JOB NO. 1305.20

RETREAT AT PRAIRIERIDGE FILING NO. 2

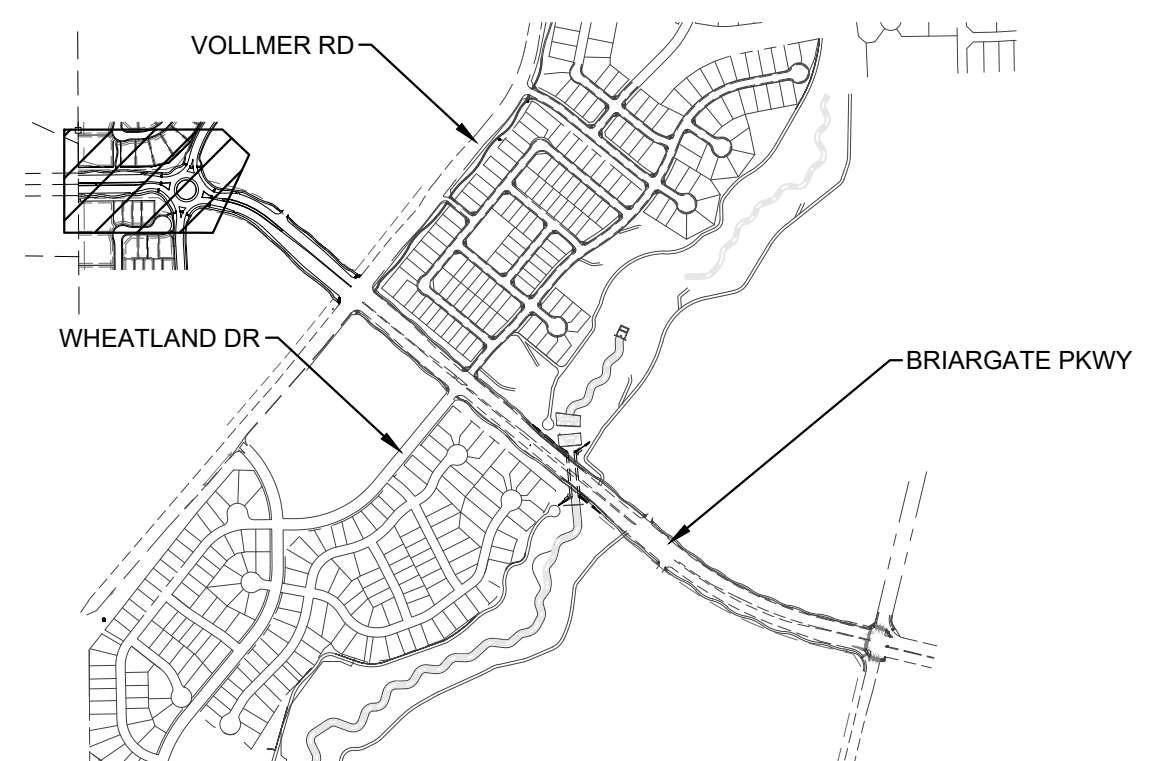
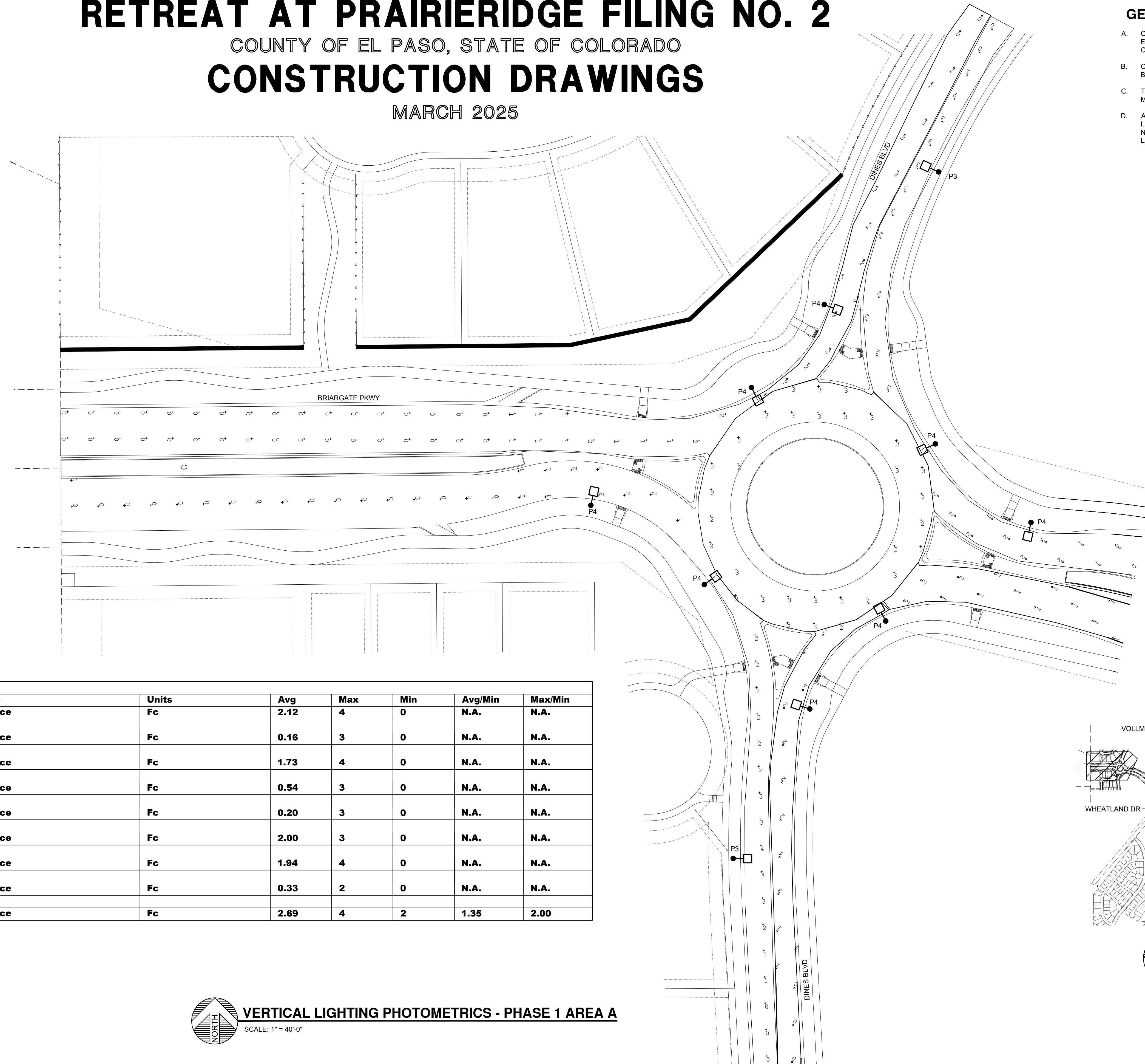
COUNTY OF EL PASO, STATE OF COLORADO

CONSTRUCTION DRAWINGS

MARCH 2025

GENERAL NOTES

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KEY PLAN
SCALE: NTS

PLANT

ENGINEERING CONSULTANTS

320 WEST FILLMORE STREET COLORADO SPRINGS CO 80907
719 473 7077 PLANT PROJ #25111 www.planteci.com

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Incoming Traffic North Of Roundabout	Illuminance	Fc	2.12	4	0	N.A.	N.A.
Incoming Traffic Roundabout and Vollmer Intersection	Illuminance	Fc	0.16	3	0	N.A.	N.A.
Incoming Traffic South Of Roundabout	Illuminance	Fc	1.73	4	0	N.A.	N.A.
Incoming Traffic West Of Roundabout	Illuminance	Fc	0.54	3	0	N.A.	N.A.
Outgoing Traffic from Vollmer Intersection to Roundabout	Illuminance	Fc	0.20	3	0	N.A.	N.A.
Outgoing Traffic North Of Roundabout	Illuminance	Fc	2.00	3	0	N.A.	N.A.
Outgoing Traffic South Of Roundabout	Illuminance	Fc	1.94	4	0	N.A.	N.A.
Outgoing Traffic West of Roundabout	Illuminance	Fc	0.33	2	0	N.A.	N.A.
Roundabout	Illuminance	Fc	2.69	4	2	1.35	2.00

VERTICAL LIGHTING PHOTOMETRICS - PHASE 1 AREA A
SCALE: 1" = 40'-0"

REVIEW:
STREET DESIGN FOR CITY ENGINEERING:
UTILITY GRADE REVIEW _____ DATE _____
TRAFFIC SIGNAGE & STRIPING _____ DATE _____
CURB & GUTTER REVIEW _____ DATE _____
FINAL REVIEW _____ DATE _____
DRAINAGE DESIGN: _____ DATE _____
THIS IS FILED IN ACCORDANCE WITH SECTION 7.7.906 (DRAINAGE ORDINANCE) OF THE CODE OF THE CITY OF COLORADO SPRINGS 2001, AS AMENDED

DESIGN DATA:
SIDEWALKS: WIDTH: _____ LOCATION: Attached Detached
CURB TYPE 1 5 3
R/W WIDTH _____ MAT WIDTH _____
STREET TYPE _____ HVEEM _____

PAVEMENT:
TYPE: HMA PCC
THICKNESS _____
COMPOSITE SECTION
HMA _____
BASE _____
SUBGRADE STABILIZATION:
CHEMICAL: MECH.:
TYPE: _____
THICKNESS _____

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NO. REVISION	DATE

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PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC
MARC A. WHORTON, COLORADO P.E. #37155 DATE _____

614 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903 (719) 785-0740 (719) 785-0744(Fax)

RETREAT AT PRAIRIERIDGE FILING NO. 2
CONSTRUCTION PLANS
VERTICAL LIGHTING PHOTOMETRICS - PHASE 1
AREA A

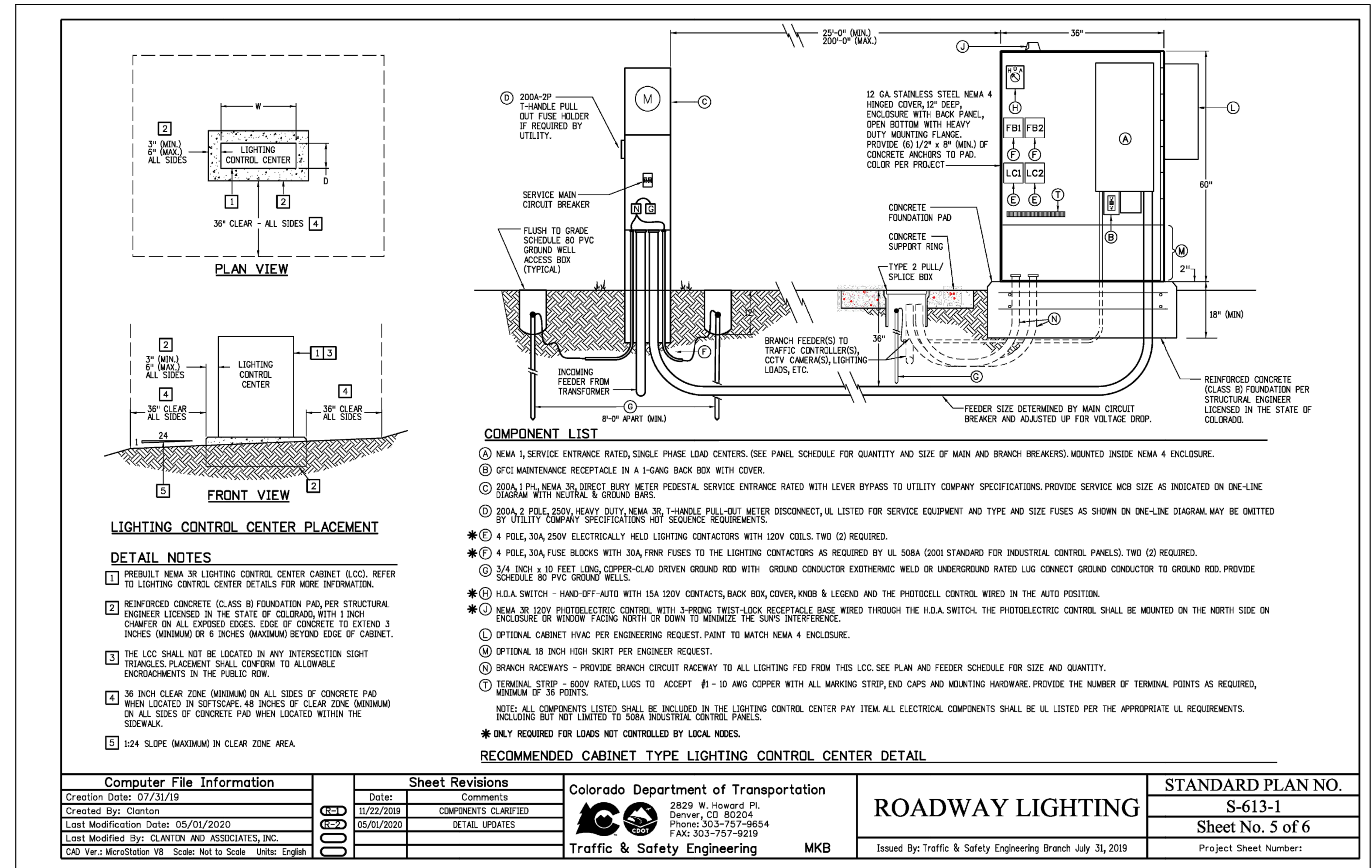
DESIGNED BY	CAO	SCALE	DATE	3-5-2025
DRAWN BY	CAO	(H) 1" = 40'	SHEET	30 OF 36
CHECKED BY	MPP	(V) 1" = 40'	JOB NO.	1305.20

RETREAT AT PRAIRIERIDGE FILING NO. 2

COUNTY OF EL PASO, STATE OF COLORADO

CONSTRUCTION DRAWINGS

MARCH 2025



REVIEW:
STREET DESIGN FOR CITY ENGINEERING:
UTILITY GRADE REVIEW _____ DATE _____
TRAFFIC SIGNAGE & STRIPING _____ DATE _____
CURB & GUTTER REVIEW _____ DATE _____
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CURB TYPE 1 5 3
R/W WIDTH _____ MAT WIDTH _____
STREET TYPE _____ HVEEM _____

PAVEMENT:
TYPE: HMA PCC
THICKNESS _____
COMPOSITE SECTION
HMA _____
BASE _____
SUBGRADE STABILIZATION: CHEMICAL: MECH.:
TYPE: _____
THICKNESS _____

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NO. REVISION	DATE

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MARC A. WHORTON, COLORADO P.E. #37155 DATE _____



PLANT ENGINEERING CONSULTANTS
320 WEST FILLMORE STREET COLORADO SPRINGS CO 80907
719 473 7077 PLANT PROJ #25111 www.planteci.com

RETREAT AT PRAIRIERIDGE FILING NO. 2
CONSTRUCTION PLANS
ELECTRICAL DETAILS

DESIGNED BY	CAO	SCALE	DATE	3-5-2025
DRAWN BY	CAO	(H) 1" = N/A	SHEET	33 OF 36
CHECKED BY	MPP	(V) 1" = N/A	JOB NO.	1.305.20