

GENERAL CONSTRUCTION NOTES:

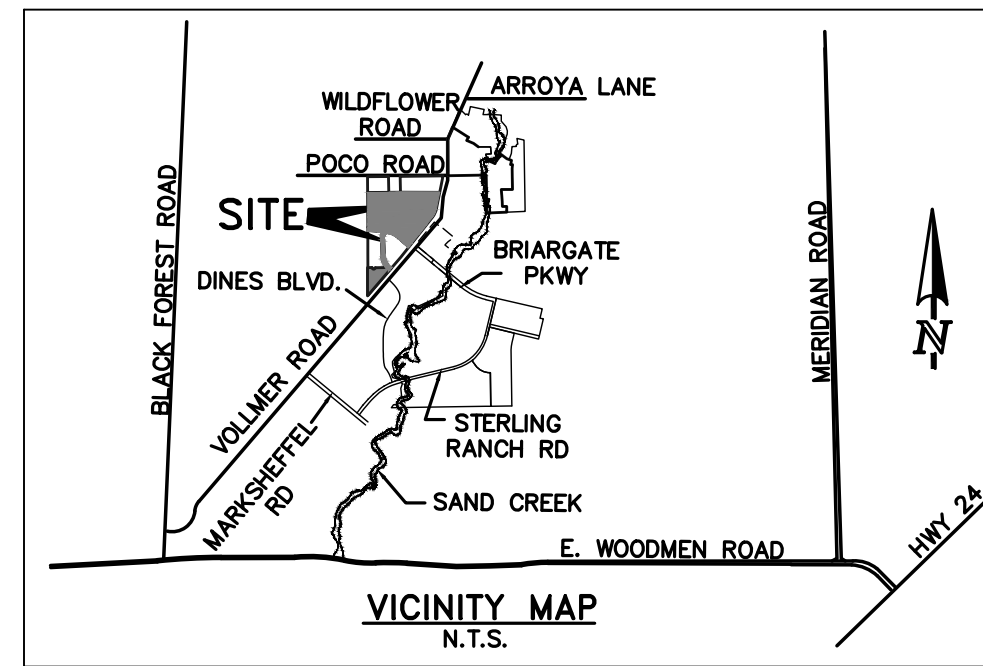
- THE LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND MAY NOT INCLUDE ALL UTILITIES. THE EXCAVATION CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATED AND PRESERVE ANY AND ALL UTILITIES.
- BEFORE COMMENCING ANY EXCAVATION, CALL 1-800-922-1987 FOR EXISTING UTILITY LOCATIONS.
- THE CONTRACTOR WILL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
- ALL BACKFILL, SUB-BASE AND/OR BASE COURSE (CLASS 6) MATERIAL SHALL BE COMPACTED TO THE SOILS ENGINEER'S RECOMMENDATIONS, AND APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (PCD).
- ALL STATIONING IS CENTERLINE UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE CENTERLINE UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL REVEGETATE ALL DISTURBED AREAS AS SOON AS POSSIBLE AND EROSION CONTROL SHALL BE INSTALLED AND MAINTAINED IN A FUNCTIONAL MANNER AT ALL TIMES. DEVELOPER RESPONSIBLE FOR MAINTAINING DISTURBED AREAS UNTIL REVEGETATION IS COMPLETE.
- ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO THE EPC ECM APPENDIX K - 1.2C.
- ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
- BUILDING CONTRACTORS WILL BE RESPONSIBLE FOR CONSTRUCTING POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
- ASPHALT THICKNESS AND BASE COURSE THICKNESS (COMPACTED) FOR ROADS SHALL BE PER DESIGN REPORT BY OWNER'S GEOTECHNICAL ENGINEER. OWNER'S GEOTECHNICAL ENGINEER TO BE ON SITE AT TIME OF ROAD CONSTRUCTION TO EVALUATE SOIL CONDITIONS AND DETERMINE IF ADDITIONAL MEASURES ARE NECESSARY TO ASSURE STABILITY OF THE NEW ROADS. PAVEMENT DESIGN SHALL BE APPROVED BY PLANNING AND COMMUNITY DEVELOPMENT PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL REVEGETATE ALL DISTURBED AREAS WITHIN 21 DAYS OF SUBSTANTIAL GRADING COMPLETION. EROSION CONTROL SHALL BE INSTALLED AND MAINTAINED IN A FUNCTIONAL MANNER AT ALL TIMES. DEVELOPER IS RESPONSIBLE FOR MAINTAINING DISTURBED AREAS UNTIL REVEGETATION IS COMPLETE.
- TYPE M RIP-RAP WITH 4" OF TYPE II GRANULAR BEDDING AND MIRAFI 180N OR EQUAL MAY BE SUBSTITUTED WHERE TYPE L RIP-RAP WITH MIRAFI FW 700 OR EQUAL IS SPECIFIED.
- ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN COMPLIANCE WITH ANY AND ALL APPLICABLE EL PASO COUNTY STANDARDS.
- LOCATION OF THE CONCRETE WASHOUT, STORAGE FOR MAINTENANCE EQUIPMENT AND TEMPORARY DISPOSAL AREAS WILL BE ADDED TO THIS PLAN BY SWMP ADMINISTRATOR UPON COORDINATION WITH SELECTED CONTRACTOR.

RETREAT AT PRAIRIERIDGE FILING NO. 2

COUNTY OF EL PASO, STATE OF COLORADO

CONSTRUCTION DRAWINGS

JUNE 2026



SHEET INDEX	
SHEET	TITLE
T001	TITLE SHEET
E001	ELECTRICAL LEGEND
E101	LIGHTING SITE PLAN - PHASE 1
E102	HORIZONTAL LIGHTING PHOTOMETRICS - PHASE 1 AREA A
E104	VERTICAL LIGHTING PHOTOMETRICS - PHASE 1 AREA A
E500	ELECTRICAL DETAILS
E501	ELECTRICAL DETAILS
E502	ELECTRICAL DETAILS

AGENCIES:

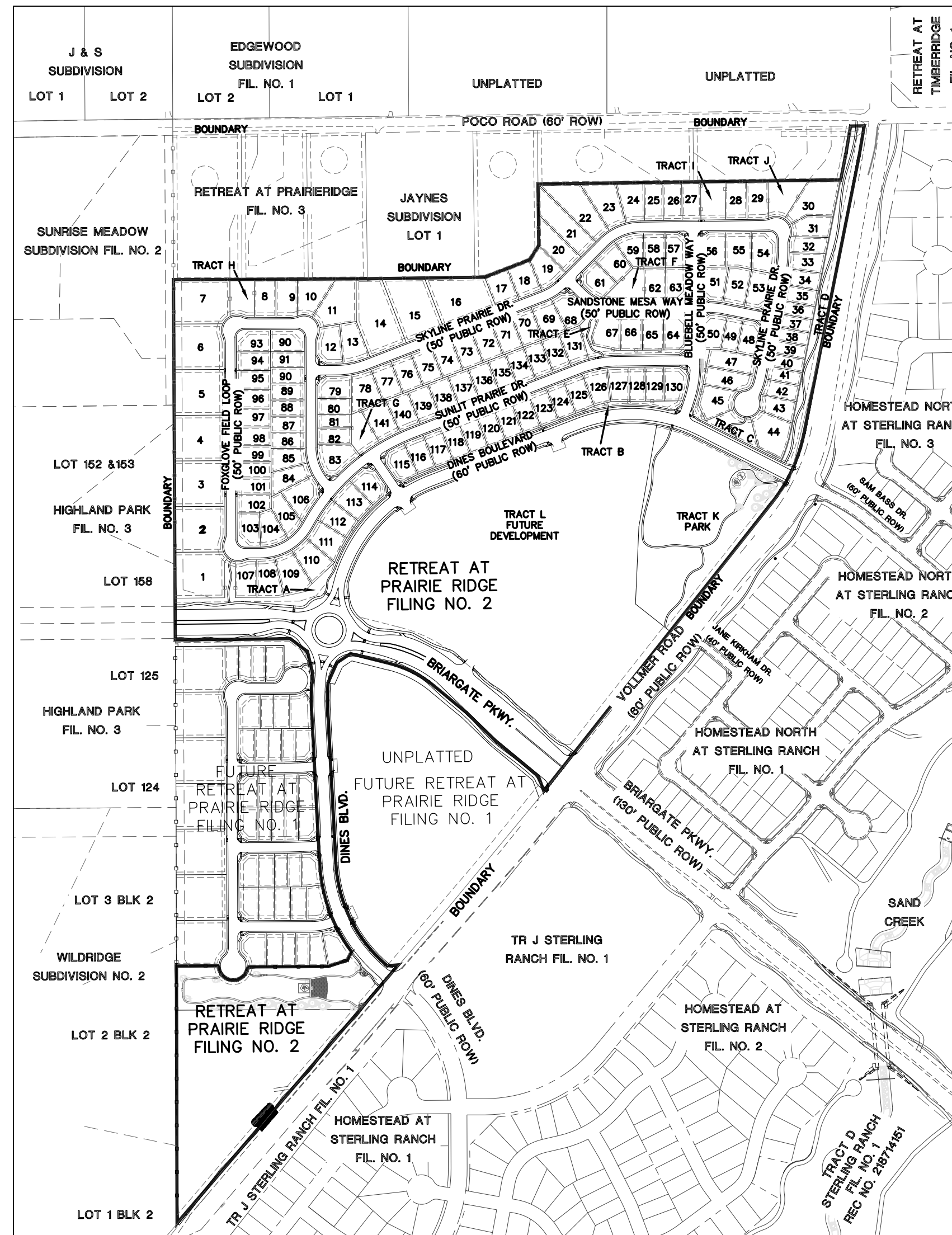
- OWNER/DEVELOPER:** CLASSIC SRJ LAND, LLC
2138 FLYING HORSE CLUB DR.
COLORADO SPRINGS, CO 80921
MR. LOREN J. MORELAND (719) 592-9333
- ELECTRICAL ENGINEER:** PLANT ENGINEERING CONSULTANTS, INC.
320 WEST FILLMORE STREET
COLORADO SPRINGS, COLORADO 80907
MR. MITCHELL PLANT, P.E. (719) 473-7077
- COUNTY ENGINEERING:** EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT
2880 INTERNATIONAL CIRCLE, SUITE 110
COLORADO SPRINGS, COLORADO 80910
MS. CHARLENE DURHAM (719) 520-7951
- GAS COMPANY:** BLACKHILLS ENERGY
37 WIDEFIELD BOULEVARD
WIDEFIELD, COLORADO 80911
MR. GEORGE M. PETERSON, (719) 392-3491
- ELECTRIC COMPANY:** MOUNTAIN VIEW ELECTRIC
1600
LIMON, COLORADO 80828
MR. LES ULFERS, (719) 495-2283
- FIRE DISTRICT:** BLACK FOREST FIRE PROTECTION DISTRICT
11445 TEACHOUT ROAD
COLORADO SPRINGS, CO 80908
INTERM. CHIEF JOSH BARTLETT, (719) 495-4300
- TELEPHONE COMPANY:** CENTURY LINK (LOCATORS) 811
AT & T (LOCATORS) 811

STANDARD NOTES FOR EL PASO COUNTY CONSTRUCTION PLANS:

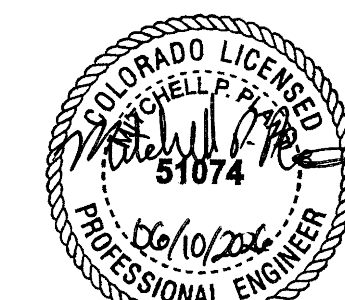
- ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).
- CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:
 - EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
 - CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
 - COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 - CDOT M & S STANDARDS
- NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-THE-FACT WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
- IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ON-SITE AND OFF-SITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
- CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.
- CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
- ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.
- CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
- SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES.
- SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS AND MUTCD CRITERIA.
- CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
- THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.
- EL PASO COUNTY DOES NOT OWN AND IS NOT RESPONSIBLE FOR THE UNDERDRAINS OR GROUNDWATER DISCHARGE SYSTEMS SHOWN ON THESE PLANS AND ASSUMES NO LIABILITY FOR WATER RIGHTS ADMINISTRATION BY APPROVING THESE PLANS. MAINTENANCE AND WATER RIGHTS ARE THE RESPONSIBILITY OF THE DEVELOPER AND STERLING RANCH METROPOLITAN DISTRICT NO. 3.

BENCHMARKS:

- EAST 1/16TH CORNER OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPLE MERIDIAN LOCATED AT SOUTHEAST CORNER OF VOLLMER ROAD AND POCO ROAD APPROXIMATELY 50 FEET SOUTH OF THE CENTERLINE OF POCO ROAD. ELEVATION = 7211.95
- THE SOUTH LINE OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPLE MERIDIAN, BEING MONUMENTED AT THE WEST END WHICH IS THE SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 28, BY A 3-1/4" ALUMINUM SURVEYORS CAP STAMPED "ESI PLS 10376, 2006" AND AT THE EAST END, WHICH IS A 30' WITNESS CORNER TO THE EAST OF THE EAST QUARTER CORNER OF SAID SECTION 28, BY A 3-1/4" ALUMINUM SURVEYORS CAP STAMPED "ESI 10376, 2006", IS ASSUMED TO BEAR N89°08'28"E, A DISTANCE OF 1356.68 FEET.



KEY MAP
SCALE: 1" = 400'



APPROVALS:

DESIGN ENGINEER'S STATEMENT:

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

Mitchell P. Plant
MITCHELL P. PLANT, P.E., COLORADO P.E. #51074
FOR AND ON THE BEHALF OF PLANT ENGINEERING CONSULTANTS, INC. DATE: 06/10/2026

OWNER/DEVELOPER'S STATEMENT:

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN AND ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

Loren J. Moreland
LOREN J. MORELAND, VICE PRESIDENT/PROJECT MANAGER, CLASSIC HOMES
FOR AND ON BEHALF OF ELITE PROPERTIES OF AMERICA, INC. DATE: 6/10/2026

EL PASO COUNTY:

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2 AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH EGM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.

JOSHUA J. PALMER, P.E.
COUNTY ENGINEER / EGM ADMINISTRATOR DATE: _____
PCD No. SF259

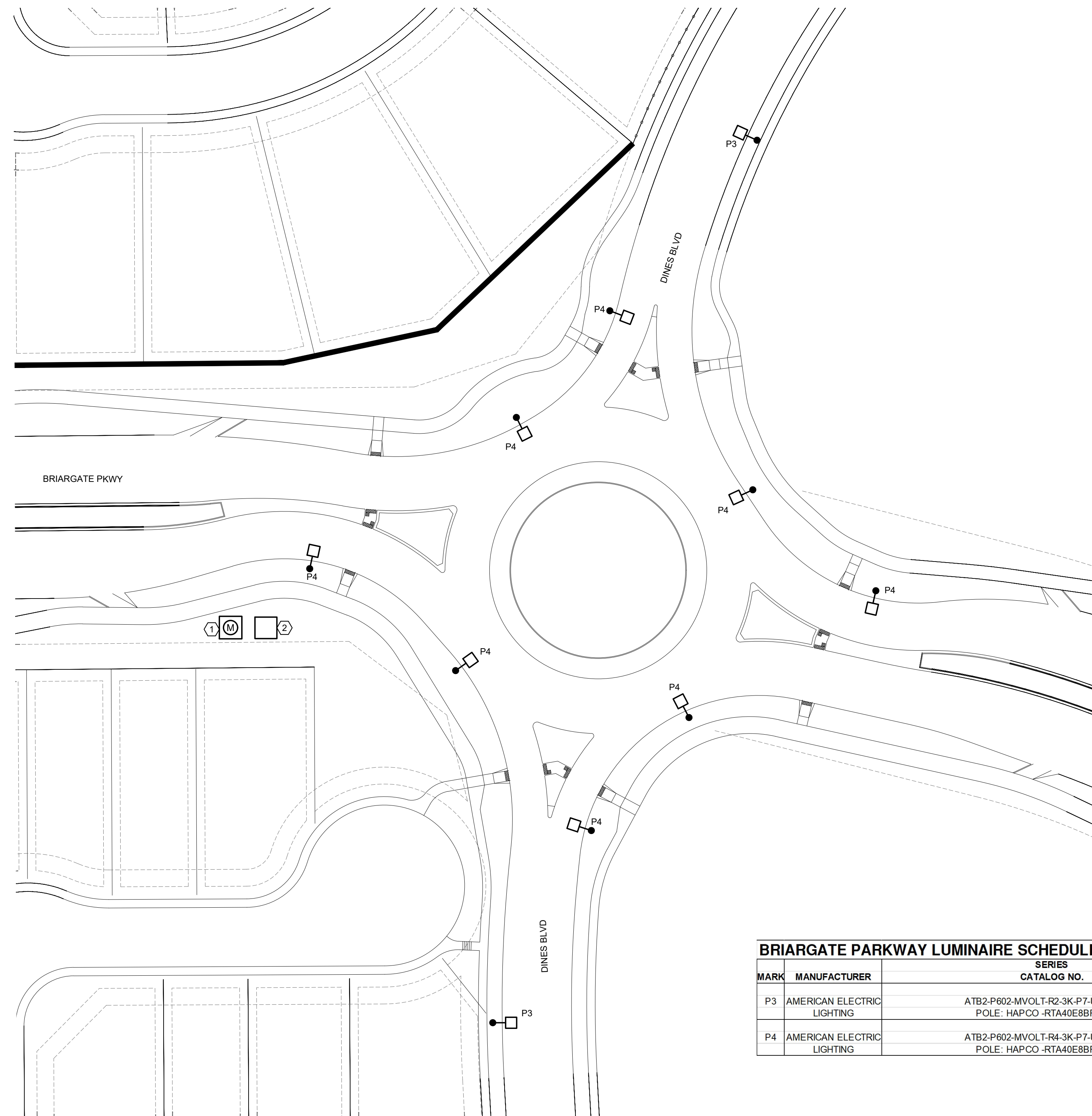
<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 811 UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</p> <p>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE 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.</p>	NO. REVISION	DATE	REVIEW:	<p>PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC</p> <p><i>Mitchell P. Plant</i> MITCHELL P. PLANT, P.E., COLORADO P.E. #51074 DATE: 06/10/2026</p>	<p>RETREAT AT PRAIRIERIDGE FILING NO. 2 CONSTRUCTION PLANS TITLE SHEET</p> <p>DESIGNED BY CAO SCALE DATE 6-10-2025 DRAWN BY CAO (H) 1"= N/A SHEET 1 OF 8 CHECKED BY MPP (V) 1"= N/A JOB NO. 2511</p>

RETREAT AT PRAIRIERIDGE FILING NO. 2

COUNTY OF EL PASO, STATE OF COLORADO

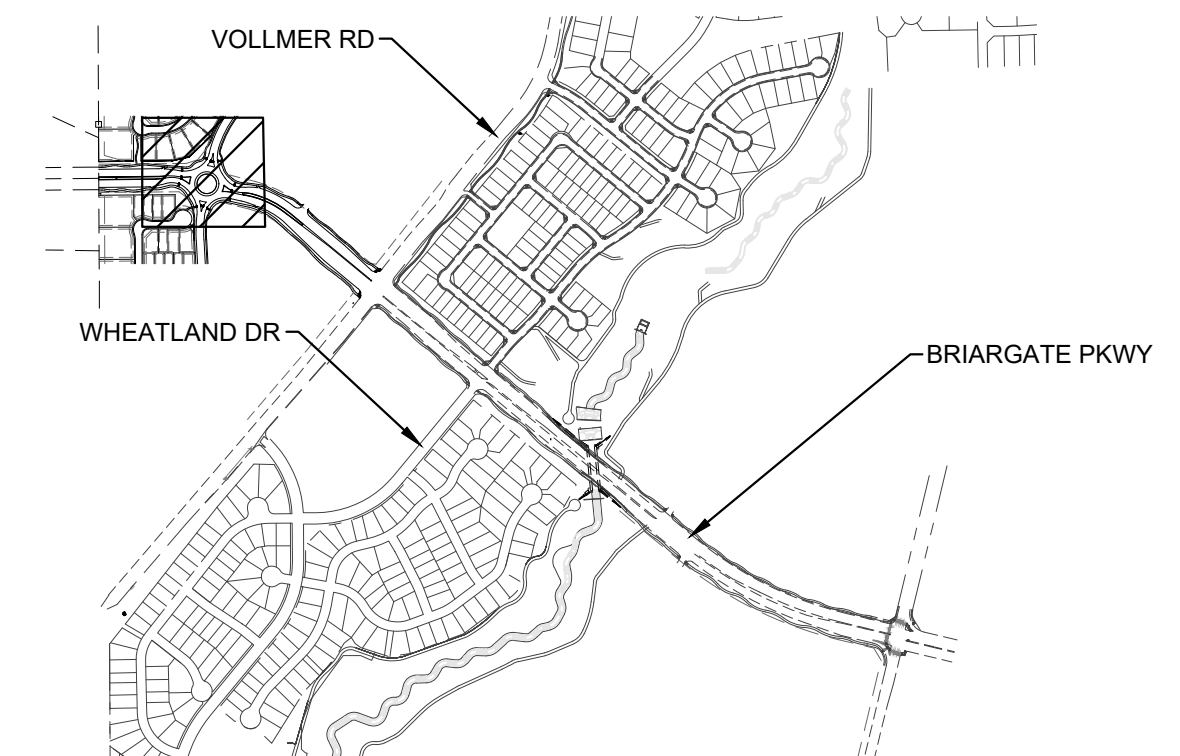
CONSTRUCTION DRAWINGS

JUNE 2026



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/TYP	LUMEN	FINISH	MOUNTING	WATTAGE	VOLTAGE	REMARKS
P3	AMERICAN ELECTRIC LIGHTING	ATB2-P602-MVOLT-R2-3K-P7-UMR-GRAY POLE: HAPCO-RTA40E8BFD16-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-RTA40E8BFD16-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"

48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS

811

UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW

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NO.	REVISION	DATE

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

Mitchell P. Plant
MITCHELL P. PLANT, P.E., COLORADO P.E. #51074
DATE: 06/10/2026

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
LIGHTING SITE PLAN - PHASE 1

DESIGNED BY	CAO	SCALE	DATE	6-10-2025
DRAWN BY	CAO	(H) 1" = 40'	SHEET 3 OF 8	
CHECKED BY	MPP	(V) 1" = 40'	JOB NO.	25111

RETREAT AT PRAIRIERIDGE FILING NO. 2

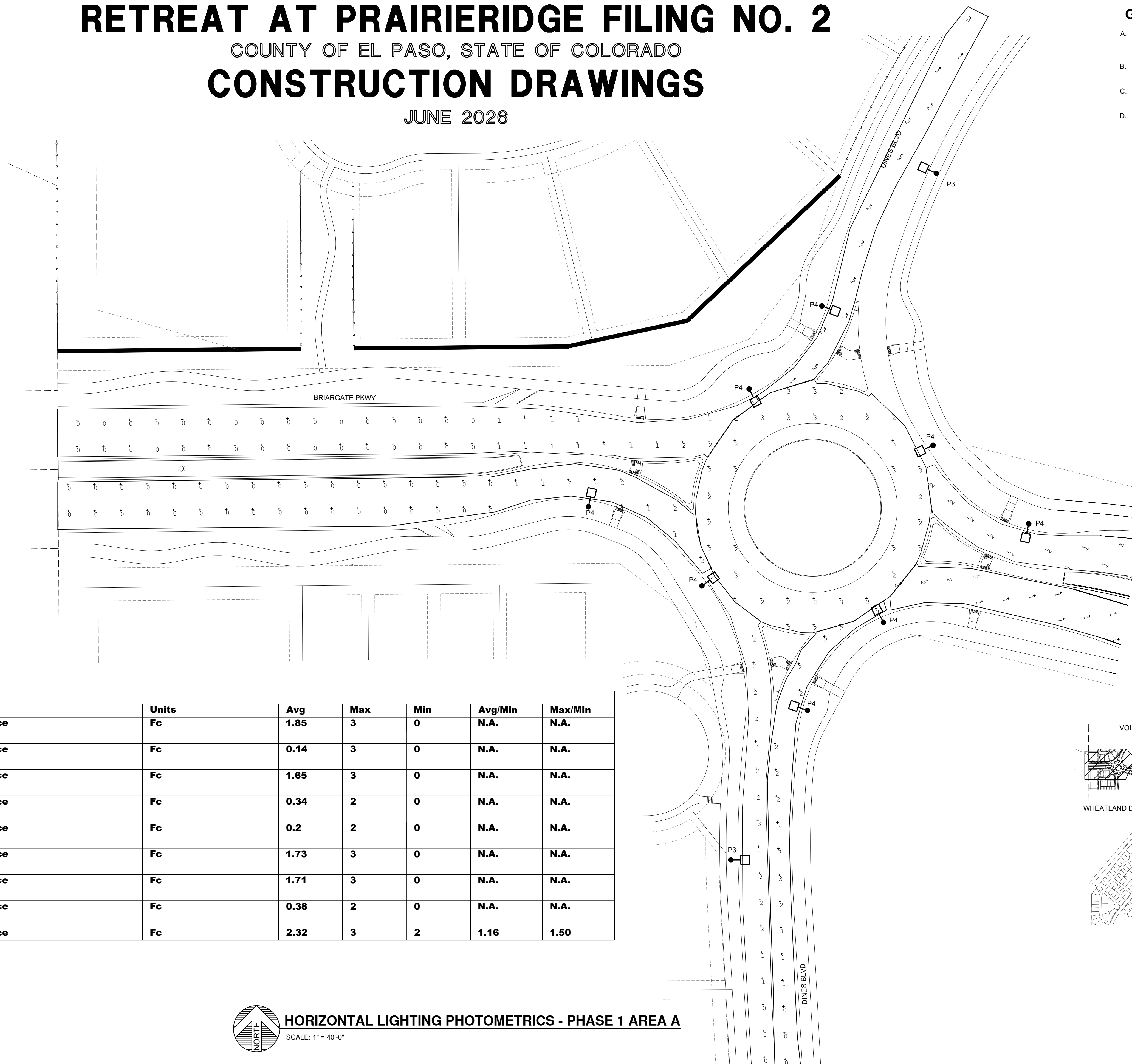
COUNTY OF EL PASO, STATE OF COLORADO

CONSTRUCTION DRAWINGS

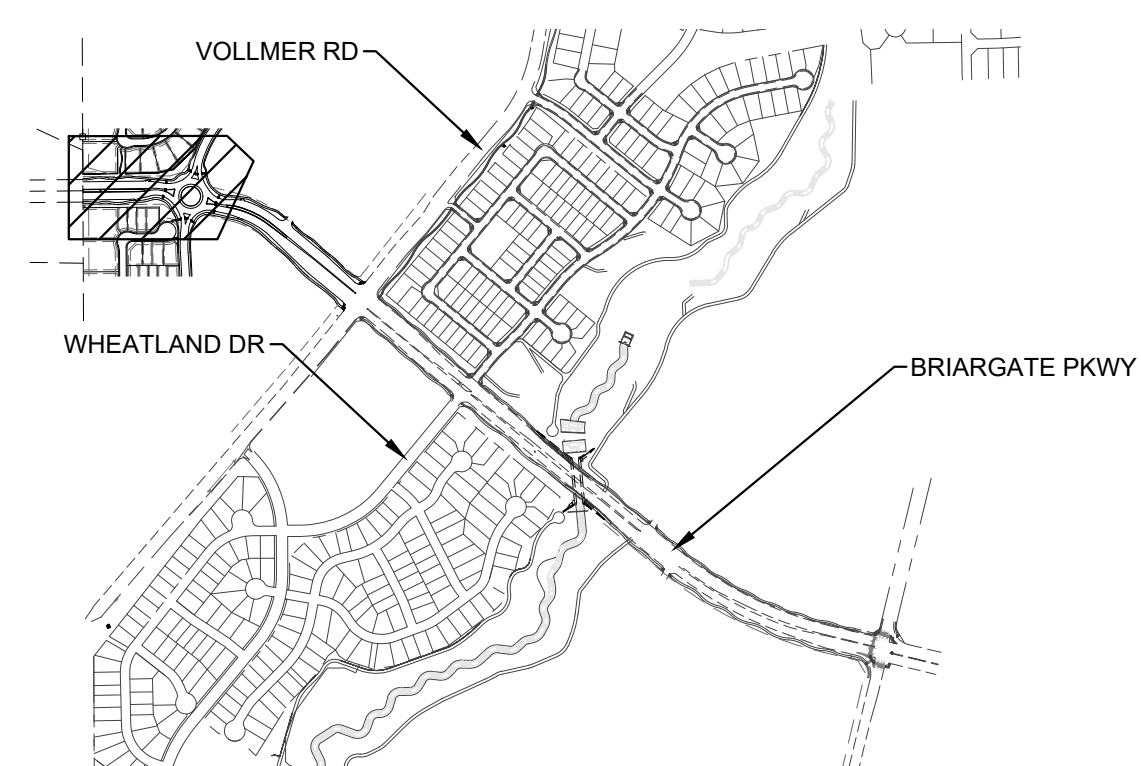
JUNE 2026

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"

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DESIGNED BY	CAO	SCALE	DATE 6-10-2025
DRAWN BY	CAO	(H) 1"= 40'	SHEET 4 OF 8
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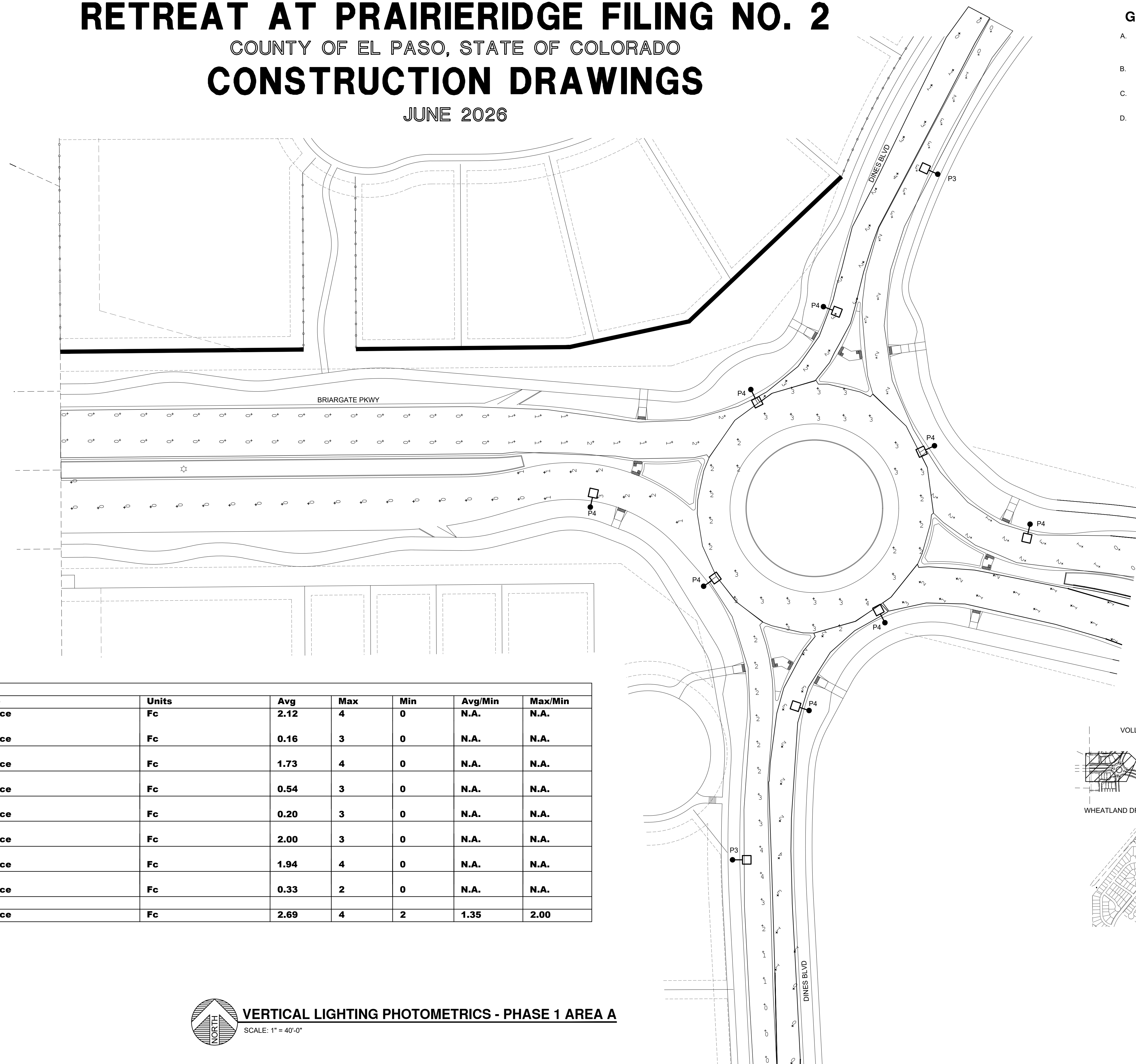
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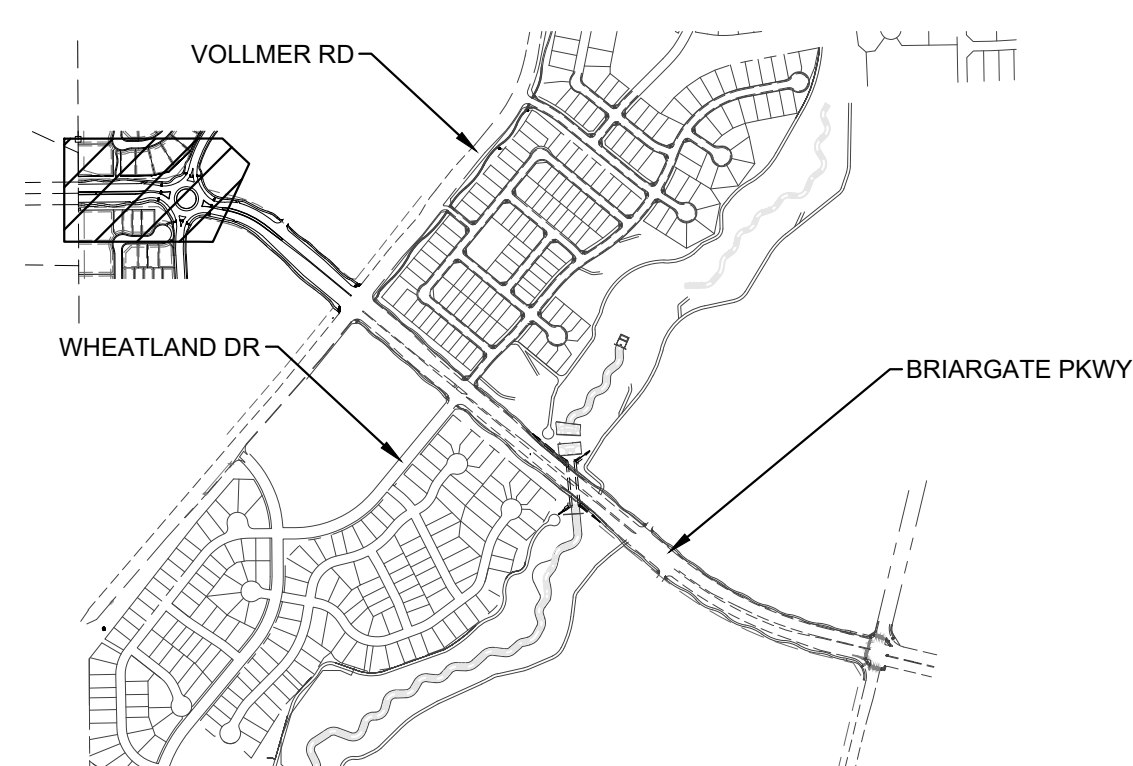
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Incoming Traffic South Of Roundabout	Illuminance	Fc	1.73	4	0	N.A.	N.A.
Incoming Traffic West Of Roundabout	Illuminance	Fc	0.54	3	0	N.A.	N.A.
Outgoing Traffic from Vollmer Intersection to Roundabout	Illuminance	Fc	0.20	3	0	N.A.	N.A.
Outgoing Traffic 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



KEY PLAN
SCALE: NTS

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

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CONSTRUCTION PLANS
VERTICAL LIGHTING PHOTOMETRICS - PHASE 1
AREA A

DESIGNED BY	CAO	SCALE	DATE
			6-10-2025
DRAWN BY	CAO	(H) 1" = 40'	SHEET 5 OF 8
CHECKED BY	MPP	(V) 1" = 40'	JOB NO. 25111

RETREAT AT PRAIRIERIDGE FILING NO. 2

COUNTY OF EL PASO, STATE OF COLORADO

CONSTRUCTION DRAWINGS

JUNE 2026

LUMINAIRE AND LIGHT STANDARD NOTES:

- LUMINAIRES WITH LIGHT SOURCES RATED MORE THAN 3200 LUMENS SHALL HAVE NO UPLIGHT (NO RATING) PER IES TM-15-11 AND MOUNTED LEVEL AND PLUMB.
- ALL LUMINAIRES SHALL BE EQUIPPED WITH AN ANSI C136.41 7-PIN RECEPTACLE AND SHORTING CAP FOR WIRELESS CONTROL. NOTE.
- ALL LED LUMINAIRES SHALL BE 3000K NOMINAL OR LESS, PER ANSI C78.377-2011 STANDARD AND EQUIPPED WITH A SURGE SUPPRESSION DEVICE WITH AN IMMUNITY LEVEL OF 10kV (MINIMUM). ALL LED LUMINAIRES SHALL BE EQUIPPED WITH A 0-10V OR DALI DIMMING DRIVER.
- LIGHT STANDARDS SHALL NOT BE PLACED IN DITCHES OR OTHER LOW AREAS UNLESS AN ALTERNATIVE LOCATION IS NOT POSSIBLE.
- BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 203.
- POLE CAPS AND BASE PLATE COVERS ARE REQUIRED.
- ALL ELECTRICAL COMPONENTS SHALL BE UL LISTED PER THE APPROPRIATE UL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO 508A INDUSTRIAL CONTROL PANELS.
- ELECTRICAL SPLICES MAY BE MADE WITHIN THE POLE BASE OR TRANSFORMER BASE AT EACH REGION'S DISCRETION. THE CDDT PROJECT MANAGER SHALL CONFIRM WHETHER SPLICE BOXES SHALL BE INSTALLED FOR THE PROJECT OR WHETHER SPLICES SHALL BE MADE IN THE POLE.
- GUARDRAIL PLACEMENT SHALL BE PER M-606-1.
- POLE ASSEMBLY SHALL BE SUPPLIED IN SUFFICIENT LENGTH TO ACCOMMODATE LUMINAIRE MOUNTING HEIGHT.
- FINAL LOCATION OF THE LUMINAIRES SHALL BE APPROVED BY THE ENGINEER.
- WHERE FOUNDATION IS LOCATED IN SIDEWALK, PAVEMENT OR OTHER HARDCAPE, THE TOP OF FOUNDATION SHALL BE FLUSH WITH THE TOP OF THE SIDEWALK CONFORMING TO ADA REQUIREMENTS.

NOTE: REGIONAL ENGINEER SHALL APPROVE ALTERNATIVE SETBACKS ON STEEP SLOPES

NOTE: ARM LENGTH MAY VARY FOR BRIDGE LIGHTING AND OTHER SPECIAL CASES

NOTE: OUTSIDE EDGE OF PAVEMENT (E.O.P.) OR BACK OF CURB (B.O.C.) OR RIGHT OF SIDEWALK (R.O.S.) SHALL BE MAINTAINED

NOTE: TOP OF FOUNDATION SHALL NOT BE BELOW GRADE. (WITHOUT GUARDRAIL) 3'-0" (MIN.) (BEHIND) 12'-0" (MAX.) TYPE 2 PULL BOX ADJACENT TO EACH POLE, (TYP.) SLOPE AS REQUIRED 2'-0" WHERE POSSIBLE

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CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	

SHEET REVISIONS

Date	Comments
04/03/2025	LIGHT STANDARD LOCATION DETAIL UPDATE
05/01/2020	DETAIL UPDATES
11/22/2019	3-BOLT MAST ARM

Colorado Department of Transportation
2829 W. Howard Pl.
Denver, CO 80204
Phone: 303-757-9654
Fax: 303-757-9219
Traffic & Safety Engineering EB

ROADWAY LIGHTING
STANDARD PLAN NO. S-613-1
Sheet No. 1 of 6
Project Sheet Number:

DETAIL NOTES:

- ALL BREAKAWAY TRANSFORMER BASES SHALL CONFORM TO AASHTO "LRFD" SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.
- ANCHOR BOLT SPACING, HARDWARE AND TORQUE CONFORMING TO MANUFACTURER RECOMMENDATIONS.
- BREAKAWAY BASES OF ANY TYPE ARE FOR USE INSIDE CLEAR ZONES. BREAKAWAY BASES SHOULD NOT BE USED WHEN THE LIGHT STANDARD IS LOCATED AT LEAST ONE AND A HALF TIMES (1.5X) MOUNTING HEIGHT AWAY FROM PEDESTRIAN OCCUPIED AREAS. REFER TO CURRENT UTILITY ACCOMMODATION CODE SECTION 3.3.3 FOR CLEAR ZONE REQUIREMENTS.
- BREAKAWAY BASES SHALL NOT BE USED WHEN THE LIGHT STANDARD IS MOUNTED ON TOP OF A MEDIAN BARRIER. POLES WITHOUT BREAKAWAY TRANSFORMER BASES MUST HAVE HAND HOLE.
- ALL CONDUCTORS SHALL BE SIZED IN CONFORMANCE WITH N.E.C. REQUIREMENTS S.D.W. 12/3 STRANDED COPPER CONDUCTOR OR #12 AWG MINIMUM COLOR CODE BLACK, WHITE, GREEN.
- LIGHT STANDARDS SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C. ARTICLE 250 "GROUNDING AND BONDING".
- LOCK WASHERS, JAM NUTS, THREAD LOCKER ADHESIVE OR OTHER SOLUTIONS AS APPROVED BY THE MANUFACTURER ARE REQUIRED TO PREVENT NUTS FROM LOOSENING ON THE BREAKAWAY BASE.

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04/03/2025	DETAIL NOTES UPDATED
05/01/2020	DETAIL UPDATES
11/22/2019	DETAIL NOTES UPDATED

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2829 W. Howard Pl.
Denver, CO 80204
Phone: 303-757-9654
Fax: 303-757-9219
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ROADWAY LIGHTING
STANDARD PLAN NO. S-613-1
Sheet No. 2 of 6
Project Sheet Number:

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NO. REVISION	DATE

REVIEW:
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

Mitchell P. Plant
MITCHELL P. PLANT, P.E., COLORADO P.E. #51074
06/10/2026
DATE

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

RETREAT AT PRAIRIERIDGE FILING NO. 2
CONSTRUCTION PLANS
ELECTRICAL DETAILS

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RETREAT AT PRAIRIERIDGE FILING NO. 2

COUNTY OF EL PASO, STATE OF COLORADO

CONSTRUCTION DRAWINGS

JUNE 2026

FOUNDATION REQUIREMENTS FOR STEEP SLOPES

WHERE SITE CONDITIONS PERMIT PROVIDE 2'-0" LEVEL COMPACTED SHOULDER AROUND FOUNDATION.

SPLICE BOX LOCATED IN LEVEL GRADE ADJACENT TO FOUNDATION.

SPLICE BOX LOCATED BEHIND FOUNDATION.

TOP OF FOUNDATION SHALL BE AS HIGH AS THE HIGHEST POINT IN GRADE WITHIN 2'-0".

TYPICAL FOUNDATION SECTION

2'-0" DIA. (MIN.)

ANCHOR BOLT CIRCLE SHALL MATCH THE LIGHT STANDARD BASE PLATE AND BE CENTERED ON FOUNDATION.

SECOND CONDUIT IS REQUIRED IF NO SPLICE BOX IS INSTALLED.

2" SCHEDULE 80 PVC (MIN.) CONNECT TO CIRCUIT AS DESIGNATED ON PLANS.

6-#4 @ 1'

6-#8 OR 15-#8 REBAR (SPACE EVENLY)

3" CLR.

1'-0" OVERLAP

(ROTATE SPLICES)

NOTES:

- DIMENSIONS FOR THE TRANSFORMER BASE, ANCHOR BASE AND ANCHOR BOLTS ARE VARIABLE FOR THE HEIGHT OF THE LIGHT STANDARD AND THE MAST ARM CONFIGURATION. ALL COMPONENTS SHALL FIT AND ACCOMMODATE THE REQUIREMENTS OF THE LIGHT STANDARD SUPPLIED.
- CONCRETE SHALL BE AIR ENTRAINED CLASS BZ AND SHALL CONFORM TO SECTION 601 FOR CONCRETE AND SECTION 602 FOR REINFORCING STEEL.
- WHERE LIGHT STANDARD FOUNDATION OCCUR IN HARDSHAPE AREAS, WHERE AN EXPOSED FOUNDATION COULD CREATE A TRIPPING HAZARD, THE TOP OF FOUNDATION SHALL BE FLUSH TO THE FINISHED SURFACE TO MEET A.D.A. REQUIREMENTS. WHERE EXPOSED LIGHT STANDARD FOUNDATION COMPLIES WITH A.D.A. REQUIREMENTS, FOUNDATION SHALL BE INSTALLED 2 INCHES ABOVE HARDSHAPE WITH COOT APPROVAL.
- 6-#4 (1) #4 STRANDED/INSULATED COPPER TO GROUND ROD IN PULL BOX / SPLICE BOX AND GROUNDING LUG IN POLE BASE HAND HOLE.
- PROVIDE 4-TERMINAL SUBMERSIBLE UNDERGROUND RATED LUG CONNECTIONS TO FIT #12 AWG - #10 AWG COPPER WIRE. ELECTRICAL SPLICES MAY BE MADE WITHIN THE POLE BASE OR TRANSFORMER BASE AT EACH REGION DISCRETION. SUBMERSIBLE UNDERGROUND RATED LUG CONNECTIONS ARE NOT REQUIRED WHEN SPLICES ARE MADE IN THE POLE.
- ALL PVC CONDUIT ENDS SHALL HAVE END BELLS OR MALE ADAPTOR, THREADED TERMINAL ENDS WITH SCREW ON BUSHING.
- FOUNDATION DIMENSIONS PER FOUNDATION SCHEDULE BELOW AND AS NOTED. LIGHT STANDARDS HIGHER THAN 50 FEET OR WITH BANNERS, PRECAST FOUNDATION, VARYING SOIL, OR WIND CONDITIONS SHALL BE DESIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF COLORADO FOR DESIGN WIND SPEEDS GREATER THAN V=85MPH AND AN ADDITIONAL 1'-0" TO THE FOUNDATION DEPTH SHOWN IN THE FOUNDATION SCHEDULE BELOW.

FOUNDATION SCHEDULE

POLE HEIGHT	FOUNDATION DEPTH	FOUNDATION DIAMETER
< 20'	8'-0"	24"
20' - < 30'	9'-0"	24"
30' - 50'	12'-0"	24"
> 50'	P.S.E.	P.S.E.

P.S.E. (PER STRUCTURAL ENGINEER)
FOUNDATION DESIGN DATA:
BROWNS METHOD USING AASHTO LRFD L1S 1ST, 2015 WITH 2018 INTERIMS.

THE DESIGN ASSUMES FOLLOWING SOIL PARAMETERS:
SOIL DENSITY = 110 LB/CF
SOIL COHESION = 750 LB/SQFT FOR MEDIUM STIFF COHESIVE SOIL
SOIL ANGLE = 30° FOR MEDIUM DENSE COHESIONLESS SOIL
RESISTANCE FACTOR = 0.4 FOR FLEXURE.

TYPICAL CONCRETE LIGHT STANDARD FOUNDATION

LIGHT STANDARD FOUNDATION SHALL BE CAST-IN-PLACE CONCRETE. A COMPLETE FOUNDATION INCLUDES THE CLASS BZ CONCRETE, REINFORCING STEEL, PVC STUB (BUTS), GROUNDING ELECTRODES, ANCHOR BOLTS AND CONNECTOR BOLTS (FOR BREAKAWAY TYPE TRANSFORMER BASES).

FLUSH-IN-GRADE POLYMER CONCRETE PULL BOX, INCIDENTAL TRAFFIC RATED 22,500 (MIN.) PSI LOAD TEST WITH HEAVY DUTY TIER 22 RATED BOLTED COVER.

CONCRETE SUPPORT RING

FINAL GRADE

12" (MIN.) DEEP GRAVEL BED WITH 3/4" (MAX.) CRUSHED GRANITE FOR DRAINAGE

2" SCHEDULE 80 PVC (MIN.) CONDUITS IN AND OUT

2" SCHEDULE 80 PVC (MIN.) CONNECT TO CIRCUIT AS DESIGNATED ON PLANS.

3/4" DIA. X 10'-0" L.G. COPPER CLAD DRIVEN GROUND ROD IN SPLICE BOX 6" (MIN.) AWAY FROM CONCRETE BASE. EXOTHERMIC WELD OR UNDERGROUND RATED LUG CONNECT CONDUCTOR TO GROUND ROD.

A GROUND RING CONSISTING OF AT LEAST 20' OF BARE COPPER CONDUCTOR NOT SMALLER THAN 2 AWG AND BURIED IN DIRECT CONTACT WITH THE EARTH AT A DEPTH OF NOT LESS THAN 30" MAY BE SUBSTITUTED FOR A GROUND ROD. REFER TO N.E.C. 250-52 (4) AND 250.53 (F).

ANCHOR BOLT CIRCLE SHALL MATCH THE LIGHT STANDARD BASE PLATE AND BE CENTERED ON FOUNDATION.

3/4" (MIN.) 4" (MAX.) ABOVE ADJACENT GRADE

2" (MIN.) 4" (MAX.)

FINAL GRADE (TYP.)

2'-6" (MIN.)

ANCHOR BOLTS, WITH TOP 8" OR MORE GALVANIZED

4" (MIN.)

3" CLR.

2" CLEAR (MIN.) OR 6" (MAX.)

2'-0" DIA.

6-#8 REBAR

#4 TIES AT 1'-0" CENTERS

TYPICAL STREET LIGHT SPLICE BOX PLACEMENT

TRAFFIC FLOW

CURB LINE

STREET LIGHT

SECOND PREFERRED SPLICE BOX LOCATION

PREFERRED SPLICE BOX LOCATION

SECOND PREFERRED SPLICE BOX LOCATION

TYPICAL CONDUIT BURIAL - SECTION

38" (MIN.) PAVEMENT OUTPUT

6" MIN.

12" DEEP (MAX.)

30" UNDER GROUND (MIN.)

48" UNDER ROADWAY

48" UNDER RAILROAD TRACKS

CONDUIT(S)

RED DETECTABLE 6" WIDE WARNING TAPE 6" DEEP (MIN.) 12" DEEP (MAX.)

FLOWABLE BACKFILL

FINISHED GRADE

EM5 MARKER BALL

2" (MIN.) PVC CONDUIT TO DEVICE

3/4" x 10'-0" COPPER CLAD DRIVEN GROUND ROD IN SPLICE BOX 6" (MIN.) AWAY FROM CONCRETE BASE. EXOTHERMIC WELD OR UNDERGROUND RATED LUG CONNECT CONDUCTOR TO ROD.

GROUND RING CONSISTING OF AT LEAST 20'-0" OF BARE COPPER CONDUCTOR NOT SMALLER THAN 2 AWG AND BURIED IN DIRECT CONTACT WITH THE EARTH AT A DEPTH OF NOT LESS THAN 3'-0" MAY BE SUBSTITUTED FOR GROUND ROD. REFER TO N.E.C. 250-52 (4) AND 250.53 (F).

BURIED SPLICE BOX WITH EMS MARKER BALL

PULL BOX (SPECIAL) TOP OF SPLICE BOX TO BE BURIED 6" BELOW FINISHED GRADE.

10 LF OF COILED WIRE

BAND OR SECURE LOOPS WITH ZIP TIES. ZIP TIES SHALL BE USED TO SECURE ALL INCOMING AND OUTGOING WIRE TO CONDUIT STUBS TO PREVENT THEFT. USE (2) ZIP TIES (MIN.) PER CONDUIT STUB.

SCHEDULE 80 PVC CONDUIT INTO SPLICE BOX.

TETHERING CABLE

12" DEEP (MIN.) GRAVEL BED WITH 3/4" (MAX.) CRUSHED GRANITE FOR DRAINAGE.

CONDUIT BURIAL NOTES

- CONTRACTOR SHALL COORDINATE TRENCHING WITH OTHER UNDERGROUND UTILITIES, RAMP METERING AND IRRIGATION. CONTRACTOR SHALL USE COMMON TRENCHES AT ALL ROAD CROSSINGS WHERE POSSIBLE.
- ONE CONDUIT PER BUNDLE SHALL HAVE ONE #12 AWG LOCATE WIRE AND A NYLON OR POLYESTER PULL TAPE WITH 1250 LBS TEST STRENGTH AND FOOTAGE MARKINGS IN ALL EMPTY CONDUITS. LOCATE WIRES SHALL NOT BE INSTALLED IN FIBER OPTIC CONDUITS.
- ELECTRICAL CONDUIT (BORED) SHALL BE UL LISTED HOPE AND INSTALLED USING TRENCHLESS TECHNOLOGY OR EITHER JACKED CONDUIT OR DIRECTIONAL BORING. IF TRENCHED CONDUIT IS SPECIFIED ON PLANS, BORED CONDUIT OF EQUAL OR GREATER SIZE BE SUBSTITUTED FOR TRENCHED CONDUIT IF PAID FOR UNDER THE ORIGINALLY DESIGNED TRENCHED CONDUIT PAY ITEM AND AT NO ADDITIONAL COST TO THE PROJECT. ELECTRICAL CONDUIT (BORED) SHALL CONFORM TO THE SAME MINIMUM DEPTH REQUIREMENTS.
- INSTALLING CONDUIT IN ANY METHOD OTHER THAN TRENCHING OR DIRECTIONAL BORE, THAT MAY CAUSE DAMAGE TO THE EMBANKMENT OR HIGHWAY AREA OR BE HAZARDOUS TO THE TRAVELING PUBLIC WILL NOT BE PERMITTED. WHEN JACKING IS SPECIFIED, DISRUPTION OF HIGHWAY TRAFFIC WILL NOT BE PERMITTED.
- FOR ALL SCHEDULE 80 PVC CONDUIT, PROVIDE SLIP FIT EXPANSION FITTINGS AT 100 FOOT INTERVALS AND 6 FEET (MAXIMUM) FROM EACH ELBOW. EXPANSION FITTINGS WILL BE INSTALLED PER N.E.C. REQUIREMENTS FOR 65 DEGREE FAHRENHEIT TEMPERATURE CHANGE.
- FOR ALL TRENCHED CONDUIT, ELBOWS SHALL BE WIDE SWEEPS (36-INCHES MINIMUM) WITH PVC COATED GRC ON THE OUTSIDE AND THREADED COUPLINGS.
- ALL PVC CONDUIT ENDS IN PULL BOXES SHALL HAVE END BELLS OR MALE ADAPTOR, THREADED TERMINAL ENDS WITH SCREW ON BUSHING.

BURIED SPLICE BOX NOTES

- ALL PULL BOXES SHALL BE INCIDENTAL TRAFFIC RATED 22,500 PSI LOAD TEST (MINIMUM) WITH HEAVY DUTY TIER 22 RATED COVERS.
- ALL PULL BOXES SHALL BE TYPE 2.13 INCHES X 24 INCHES X 12 INCHES DEEP (MINIMUM) UNLESS NOTED OTHERWISE ON PLANS. REFER TO N.E.C. SECTION 314.20A FOR BOX SIZE REQUIREMENTS. REFER TO COOT STANDARD PLAN NO. S-613-3 FOR TYPICAL PULL BOX SIZES.
- ALL PULL BOXES SHALL BE BURIED 6 INCHES BELOW FINAL GRADE AND COVERED WITH EMBANKMENT AND TOPSOIL. BURIED PULL BOXES SHALL NOT BE COVERED WITH CONCRETE, ASPHALT, ROCK OR ANY OTHER HARDSHAPE. CONCRETE SUPPORT RING IS NOT REQUIRED FOR THESE SPECIAL BURIED ANTI-THEFT PULL BOXES.
- CONNECT COPPER GROUND WIRE TO HELICAL FOUNDATION.
- BURIED SPLICE BOXES SHALL ONLY BE USED WHERE APPROVED BY COOT ENGINEER.
- THE WIRE TERMINATIONS IN PULL BOXES SHALL BE MADE USING URG, SUBMERSIBLE INSULATED PEDESTAL LUG CONNECTIONS. PROVIDE ONE MULTI-LUG CONNECTOR FOR EACH PHASE, NEUTRAL AND GROUND CONDUCTOR TO BE SPLICED IN THE IN-GRADE PULL BOX.

PLAN VIEW

12" (MIN.)

30" (MIN.)

CONCRETE (CLASS B) SUPPORT RING NOT REQUIRED WHEN EMBEDDED IN CONCRETE SIDEWALK OR OTHER SUITABLE HARDSHAPE SURFACE.

POLYMER CONCRETE BOX COVER, INCIDENTAL TRAFFIC RATED TIER 22 AND BOLTED.

INTERLOCK FOR CONCRETE RING CONNECTION.

CONDUITS SHALL NOT EXTEND 1/2" MORE THAN 1 1/2" (MAX.) FROM BOTTOM OF BOX AND CONDUIT BUSHINGS OR CAPS INSTALLED.

12" DEEP (MIN.) GRAVEL BED WITH 3/4" (MAX.) CRUSHED GRANITE FOR DRAINAGE.

TYPICAL PULL OR SPLICE BOX

SPLICE BOX NOTES

- BOX COVERS MUST BE POLYMER CONCRETE WITH FIBERGLASS REINFORCEMENT, INCIDENTAL TRAFFIC RATED TO TIER 22 AND BOLTED WITH AN HS LOAD RATING OF 22,500 PSI (MINIMUM).
- BOX COVERS SHALL BE LABELED AS FOLLOWS: "ELECTRICAL" OR "STREET LIGHTING" ON ALL PULL BOXES CONTAINING COOT OWNED ELECTRICAL SERVICE. "UTILITY ELECTRICAL" ON ALL PULL BOXES CONTAINING UTILITY OWNED ELECTRICAL SERVICE. LABELING MUST BE CAST INTO THE COVER AND NOT AS A SEPARATE INDEPENDENT TAG.
- REFER TO COOT STANDARD PLAN NO. S-613-3 FOR TYPICAL PULL BOX SIZES.
- REFER TO N.E.C. ARTICLE 314 "PULL AND JUNCTION BOXES AND CONDUIT BODIES MINIMUM SIZE" FOR BOX SIZE REQUIREMENTS. REFER TO COOT SPECIFICATION 601 FOR CAST-IN-PLACE CONCRETE SPECIFICATION.
- THE WIRE TERMINATIONS IN PULL BOXES SHALL BE MADE USING URG, SUBMERSIBLE INSULATED PEDESTAL LUG CONNECTIONS. PROVIDE ONE MULTI-LUG CONNECTOR FOR EACH PHASE, NEUTRAL AND GROUND CONDUCTOR TO BE SPLICED IN THE IN-GRADE PULL BOX.

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05/01/2020	DETAIL UPDATES

Colorado Department of Transportation

2829 W. Howard Pl.
Denver, CO 80204
Phone: 303-757-9654
Fax: 303-757-9219

Traffic & Safety Engineering MKB

STANDARD PLAN NO. S-613-1

ROADWAY LIGHTING

Sheet No. 3 of 6

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Denver, CO 80204
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ROADWAY LIGHTING

Sheet No. 4 of 6

Project Sheet Number:

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Mitchell P. Plant
MITCHELL P. PLANT, P.E., COLORADO P.E. #51074

06/10/2026
DATE

PLANT
ENGINEERING CONSULTANTS

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

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CONSTRUCTION PLANS
ELECTRICAL DETAILS

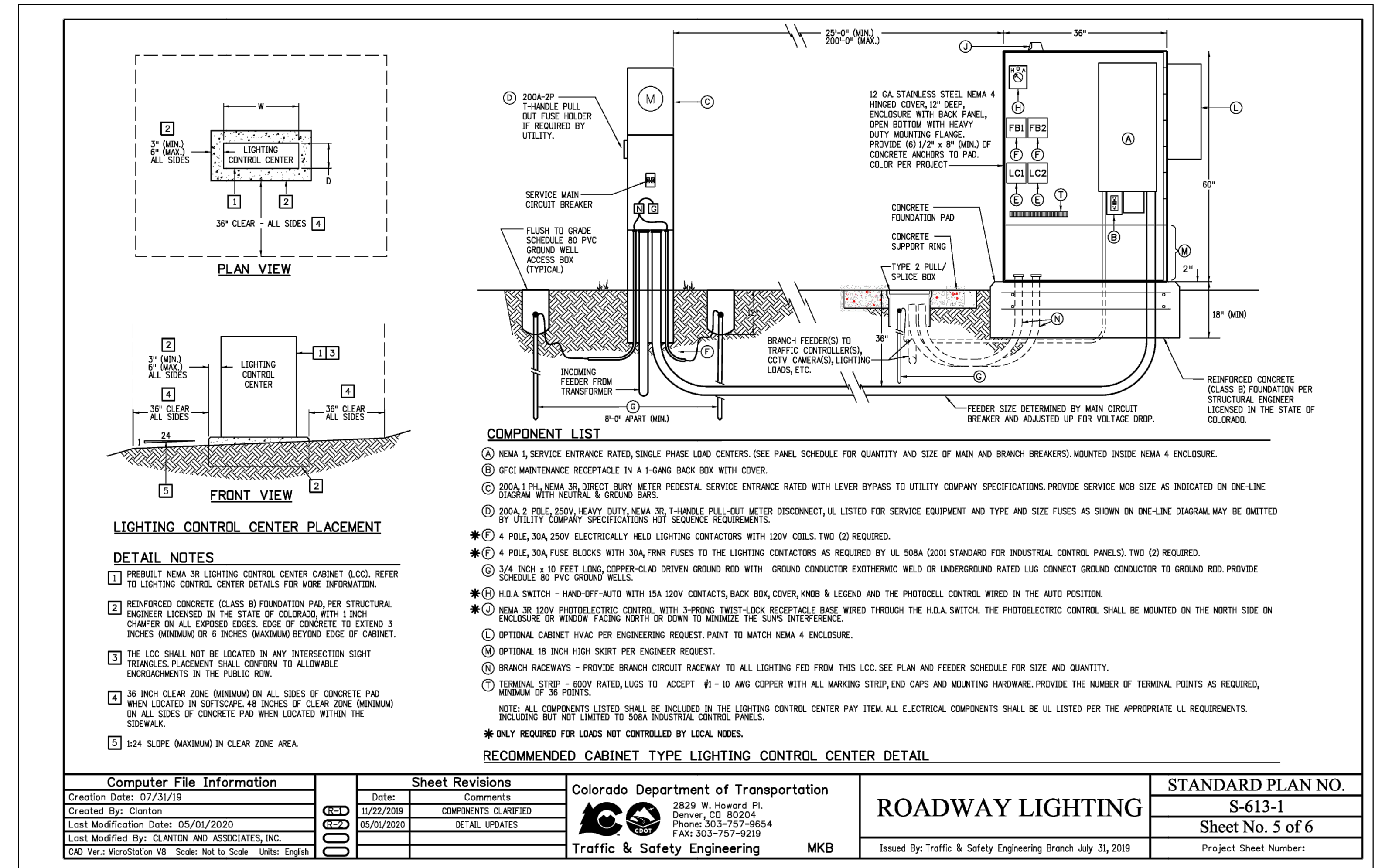
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