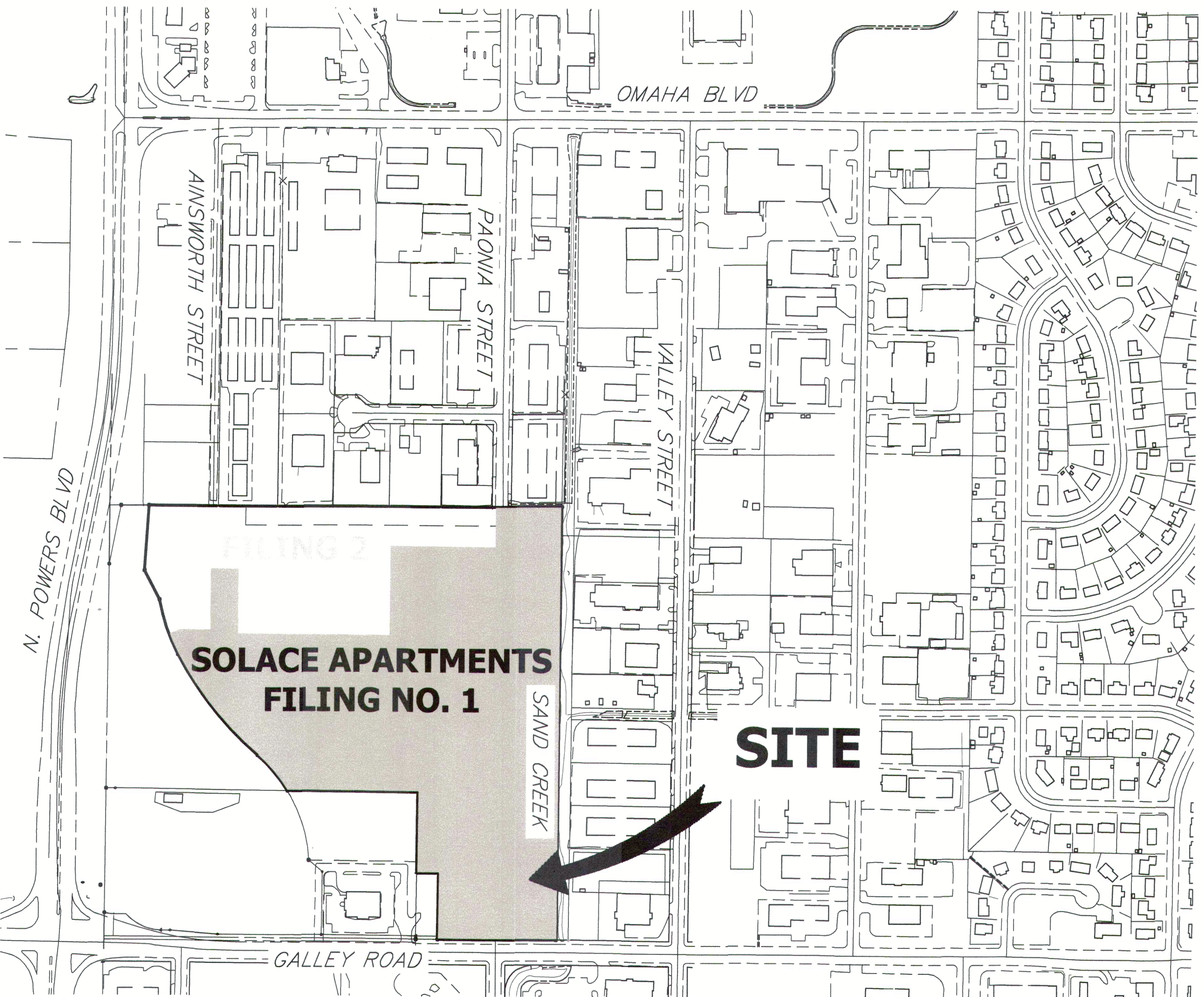


PAONIA STREET IMPROVEMENTS
A PORTION OF SECTION 7, TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH P.M.
EL PASO COUNTY, COLORADO

PAONIA STREET IMPROVEMENTS

ABBREVIATIONS

AC	ACRE	FDP	FINAL DEVELOPMENT PLAN	PL	PROPERTY LINE
AD	ALGEBRAIC DIFFERENCE	FDR	FINAL DRAINAGE REPORT	PR	PROPOSED
AH	HEAD	FES	FLARED END SECTION	PRC	POINT OF REVERSE CURVATURE
ARCH	ARCHITECT	FG	FINISHED GRADE	PT	POINT OF TANGENCY
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	FH	FIRE HYDRANT	PV	PLUG VALVE
ASSY	ASSEMBLY	FL	FLOWLINE	PVC	POLYVINYL CHLORIDE
AVE	AVENUE	FLNG	FLUNG	R	RADIUS
BB	BOX BASE	FO	FIBER OPTIC CABLE	RCP	REINFORCED CONCRETE PIPE
BK	BACK	GB	GRADE BREAK	RD	ROAD
BNDY	BOUNDARY	GE	GAS EASEMENT	ROW	RIGHT OF WAY
BOP	BOTTOM OF PIPE	GIS	GEOGRAPHIC INFORMATION SYSTEM	RT	RIGHT
BOV	BLOW OFF VALVE	GL	GAS LINE	S	SOUTH
BFV	BUTTERFLY VALVE	GPS	GLOBAL POSITIONING SYSTEM	STE	STEEL
BLVD	BOULEVARD	GV	GATE VALVE	SAN	SANITARY SEWER
BW	BOTTOM OF WALL	HC	HANDICAP	SF	SQUARE FEET
C&G	CURB & GUTTER	HDC	HIGH DEFLECTION COUPLING	ST	STREET
CATV	CABLE TELEVISION	HDP	HIGH DENSITY POLYETHYLENE	STA	STATION
CB	CATCH BASIN	HGL	HYDRAULIC GRADE LINE	STM	STORM SEWER
CBC	CONCRETE BOX CULVERT	HOA	HOME OWNERS ASSOCIATION	SY	SQUARE YARD
CDOT	COLORADO DEPARTMENT OF TRANSPORTATION	HP	HIGH POINT	SY-IN	SQUARE YARD INCH
CDS	CUL-DE-SAC	I	INLET	TB	THRUST BLOCK
CFS	CUBIC FEET PER SECOND	IE	IRRIGATION EASEMENT	TBC	TOP BACK OF CURB
CL	CENTER LINE	INT	INTERSECTION	TBW	TOP BACK OF WALK
CLOMR	CONDITIONAL LETTER OF MAP REVISION	INV	INVERT	TEL	TELEPHONE
CLR	CLEAR	IRR	IRRIGATION	TOA	TOP OF ASPHALT
CMP	CORRUGATED METAL PIPE	KB	KICK (THRUST) BLOCK	TOB	TOP OF BOX
CO	CLEAN OUT	LE	LANDSCAPE EASEMENT	TOC	TOP OF CURB OR CONCRETE
CONC	CONCRETE	LF	LINEAR FEET	TOF	TOP OF FOUNDATION
CR	CIRCLE	LN	LANE	TOP	TOP OF PIPE
CSP	CORRUGATED STEEL PIPE	LOMR	LETTER OF MAP REVISION	TW	TOP OF WALL
CT	COURT	LP	LOW POINT	TYP	TYPICAL
CTRB	CONCRETE THRUST REDUCER	LS	LUMP SUM	UDFCD	URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
CY	CUBIC YARD	LT	LEFT	UE	UTILITY EASEMENT
DBPS	DRAINAGE BASIN PLANNING STUDY	MAX	MAXIMUM	U&DE	UTILITY & DRAINAGE EASEMENT
DE	DRAINAGE EASEMENT	MDDP	MASTER DEVELOPMENT DRAINAGE PLAN	UGE	UNDERGROUND ELECTRIC
DIA	DIAMETER	MH	MANHOLE	VCP	VITRIFIED CLAY PIPE
DIP	DUCTILE IRON PIPE	MIN	MINIMUM	VPC	VERTICAL POINT OF CURVATURE
DR	DRIVE	N	NORTH	VPI	VERTICAL POINT OF INTERSECTION
DRC	DESIGN REVIEW COMMITTEE	NRCP	NON-REINFORCED CONCRETE PIPE	VPT	VERTICAL POINT OF TANGENCY
DU	DWELLING UNITS	ODP	OFFICIAL DEVELOPMENT PLAN	VTG	VEHICLE TRACKING CONTROL
E	EAST	OHE	OVERHEAD ELECTRIC	W	WEST
EGL	ENERGY GRADE LINE	OHU	OVERHEAD UTILITY	WL	WATER LINE
EL	ELEVATION	PC	POINT OF CURVATURE	WM	WATER MAIN
ELEC	ELECTRIC	PCC	POINT OF COMPOUND CURVATURE	WRD	WATER RESOURCES DEPARTMENT
EOA	EDGE OF ASPHALT	PCR	POINT OF CURB RETURN	WS	WATER SURFACE
ESMT	EASEMENT	PDP	PRELIMINARY DEVELOPMENT PLAN	WSE	WATER SURFACE ELEVATION
EST	ESTIMATE	PE	PROFESSIONAL ENGINEER	WTR	WATER
EX	EXISTING	PI	POINT OF INTERSECTION	YR	YEAR
		PKWY	PARKWAY		



VICINITY MAP
SCALE: 1" = 300'

SHEET INDEX

1	COVER SHEET
2	LEGEND & NOTES
3	TYPICAL SECTIONS
4	OVERALL UTILITY PLAN
5-7	ROADWAY PLAN AND PROFILE
8-9	SIGNAGE AND STRIPING PLAN
10	DETAILS
TOTAL	10

OWNER

CS POWERS & GALLEY, LLC
510 S. NEIL STREET
CHAMPAIGN, IL 61820
P~734.216.2577

CIVIL ENGINEER

JR ENGINEERING
5475 TECH CENTER DR
SUITE 235
COLORADO SPRINGS, CO 80919
CONTACT: MIKE BRAMLETT
C~719.659.7679

PLANNER

N.E.S. INC.
619 N. CASCADE AVE
SUITE 200
COLORADO SPRINGS, CO 80903
CONTACT: TAMARA BAXTER
P~719.471.0073

ARCHITECT

LCM ARCHITECTS
819 S. WABASH AVE, FIFTH FLOOR
CHICAGO, IL 60605
P~312.995.5305

GEOTECHNICAL ENGINEER

CTL THOMPSON, INC
5170 MARK DABLING BLVD
COLORADO SPRINGS, CO 80918
P~719.528.8300



OWNER/DEVELOPER STATEMENT

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

Dane Olmstead
DANE OLMSTEAD
11/11/21
DATE

CS POWERS & GALLEY LLC
510 S NEIL ST
CHAMPAIGN, IL 61820

EL PASO COUNTY STATEMENT

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 DIRECTORS DISCRETION.

JENNIFER IRVINE, P.E.

DATE

COUNTY ENGINEER/ECM ADMINISTRATOR

ENGINEER'S STATEMENT

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECT 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 PLAN 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.

Mike Bramlett
MIKE A. BRAMLETT, P.E.
32314
11/11/21
DATE

MIKE A. BRAMLETT, P.E.
COLORADO P.E. 32314
FOR AND ON BEHALF OF JR ENGINEERING, LLC

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE EL PASO COUNTY ENGINEER, NO ENGINEER SHALL APPLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
CS POWERS & GALLEY, LLC
510 S. NEIL ST.
CHAMPAIGN, IL 61820
OFFICE PHONE
(734) 216-2577

JR ENGINEERING
A Westman Company
Centennial 303-740-3833 • Colorado Springs 719-593-2688
Fort Collins 970-491-9888 • www.jrengineering.com

BY	DATE	No.	REVISION	H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
				1" = 300'	N/A	11/11/21	JRM	JRM	

PAONIA STREET IMPROVEMENTS
COVER SHEET

SHEET 1 OF 10

JOB NO. 25174.00



Know what's below.
Call before you dig.

Feature	Symbol	Symbol
PATCH LINE	---	---
SECTION LINE	---	---
BOUNDARY LINE	---	---
PROPERTY LINE	---	---
EASEMENT LINE	---	---
RIGHT OF WAY	---	---
CENTERLINE	---	---
FENCE	--- X --- X ---	--- X --- X ---
GUARDRAIL	□ □ □ □ □ □ □ □	■ ■ ■ ■ ■ ■ ■ ■
CABLE TV	--- TV --- TV ---	--- TV --- TV ---
ELECTRIC	--- E --- E ---	--- E --- E ---
FIBER OPTIC	--- FO --- FO ---	--- FO --- FO ---
GAS MAIN	--- G --- G ---	--- G --- G ---
IRRIGATION MAIN	--- IRR --- IRR ---	--- IRR --- IRR ---
OVERHEAD UTILITY	--- OHU --- OHU ---	--- OHU --- OHU ---
SANITARY SEWER	--- S --- S ---	--- S --- S ---
STORM DRAIN	--- S --- S ---	--- S --- S ---
TELEPHONE	--- T --- T ---	--- T --- T ---
WATER MAIN	--- W --- W ---	--- W --- W ---
SWALE/WATERWAY FLOWLINE	~ ~ ~ ~ ~	~ ~ ~ ~ ~
DIVERSION DITCH	~ ~ ~ ~ ~	~ ~ ~ ~ ~
TOP OF SLOPE	--- V --- V ---	--- V --- V ---
TOE OF SLOPE	--- III --- III ---	--- III --- III ---
100 YEAR FLOODPLAIN	--- 100YR ---	--- 100YR ---
5 YEAR HGL	--- ---	--- ---
100 YEAR HGL	--- ---	--- ---

STORM SEWER		
MANHOLE		
STORM INLET		
AREA INLET - SQUARE		
FLARED END SECTION		
RIPRAP		
 SANITARY SEWER		
LINE MARKER	<i>Mkr San</i>	
SERVICE MARKER		
CLEAN-OUT		
MANHOLE W/ DIRECTIONAL FLOW ARROW		
 WATER LINE		
LINE MARKER	<i>Mkr W</i>	
SERVICE MARKER		
FIRE HYDRANT		
MANHOLE		
BEND		
BLOW-OFF VALVE		
WELL		
METER		
VALVE		
REDUCER		
CROSS		
PLUG W/ THRUST BLOCK		
TEE		
AIR & VACUUM VALVE ASSEMBLY		
 GAS LINE		
MARKER	<i>Mkr G</i>	
SERVICE MARKER		
METER		
VALVE		
PLUG		

- CABLE TV MARKER
- CABLE TELEVISION PEDESTAL
- ELECTRIC MARKER
- ELECTRIC SERVICE MARKER
- ELECTRICAL PEDESTAL
- ELECTRICAL METER
- ELECTRICAL MANHOLE
- FIBER—OPTIC MARKER
- IRRIGATION PEDESTAL
- TELEPHONE MARKER
- TELEPHONE PEDESTAL
- TELEPHONE MANHOLE
- UTILITY POLE
- GUY ANCHOR
- GUY POLE

ALUMINUM CAP - FOUND	
BRASS CAP - FOUND	
BENCHMARK - FOUND	
CROSS - FOUND	
MONUMENT - SET	
MONUMENT - FOUND (DEFAULT)	
MONUMENT - FOUND (ALTERNATE 1)	
MONUMENT - FOUND (ALTERNATE 2)	
MONUMENT - FOUND (ALTERNATE 3)	
MONUMENT - FOUND (ALTERNATE 4)	
MONUMENT - FOUND (ALTERNATE 5)	
MONUMENT - FOUND (ALTERNATE 6)	
MONUMENT - FOUND (ALTERNATE 7)	
NAIL & WASHER - FOUND	
PANEL - FOUND	
PK NAIL - FOUND	
ROW MONUMENT - FOUND	
ROW MARKER - FOUND	
SECTION CORNER - FOUND	
SECTION CORNER - SET	
QUARTER-SECTION CORNER - FOUND	
QUARTER-SECTION CORNER - SET	
SECTION CENTER - FOUND	
SECTION CENTER - FOUND	
CONTROL/TRaverse POINT - SET	

	KEY
BASIN DESIGNATION (NO COEFFICIENT)	
BASIN DESIGNATION (1 COEFFICIENT)	
BASIN DESIGNATION (2 COEFFICIENTS)	
ANALYSIS POINT IDENTIFIER	
BASIN DESIGNATION (HISTORIC)	
BASIN DESIGNATION (DEVELOPED)	
SUB-BASIN DESIGNATION (DEVELOPED)	
DRAINAGE PIPE IDENTIFIER	
DRAINAGE POINT IDENTIFIER (HEXAGONAL)	
DRAINAGE POINT IDENTIFIER (TRIANGULAR)	
SWMM DESIGNATION 1	
SWMM DESIGNATION 2	
SWMM DESIGNATION 3	
SWMM DESIGNATION 4	

TREE — CONIFEROUS		
TREE — DECIDUOUS		
SHRUB/BUSH		
SHRUBS AND BUSHES		
IRRIGATION BOX		
IRRIGATION SPRINKLER		
IRRIGATION VALVE		
BOLLARD		
FLAGPOLE		

1. 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.
2. 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).
3. CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOIL AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:
 - 3.1. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
 - 3.2. CITY OF COLORADO SPRINGS/ EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
 - 3.3. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS AND BRIDGE CONSTRUCTION
 - 3.4. CDOT M&S STANDARDS
4. 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 VERSIONS 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.
5. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
6. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES 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 GUYANNE DUST PERMITS.
8. 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.
9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PLANNING AND COMMUNITY DEVELOPMENT.
10. 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.
11. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
12. SIGHT VISIBILITY TRIANGLES ARE IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED IN SIGHT TRIANGLES.
13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS AND MUTCD CRITERIA.
14. 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.
15. 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.

1. ALL SIGNS AND PAVEMENT MARKING SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
3. ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
4. ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLANS SHALL BE NEW SIGNS, EXISTING SIGNS MAY REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.
5. STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
6. ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
7. ALL STREET NAME SIGNS SHALL BE "D" SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6" LETTERING. UPPER-LOWER CASE ON 12" BLANK, WITH A WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 40 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 18" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS".
8. ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
9. ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE., FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SUPBASE DESIGN.
10. ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" THICKNESS.
11. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE, STOP BARS SHALL BE 24" IN WIDTH, CROSSWALK LINES SHALL BE 12" WIDE AND 8' LONG PER CDOT S-267-1.
12. ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1.
13. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (719) 520-6819 PRIOR TO AND UPON COMPLETION OF THE SIGNING AND STRIPING.
14. THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.



PREPARED UNDER MY SUPERVISION

MIKE A. BRAMLETT, P.E.
COLORADO P.E. 32314
FOR AND ON BEHALF OF JR ENGINEERING, LLC

PREPARED FOR
S POWERS & GALLEY, LLC
510 S. NEIL ST.
CHAMPAIGN, IL 61820
OFFICE PHONE
(734) 216-2577

J·R ENGINEERING
A Westrian Company



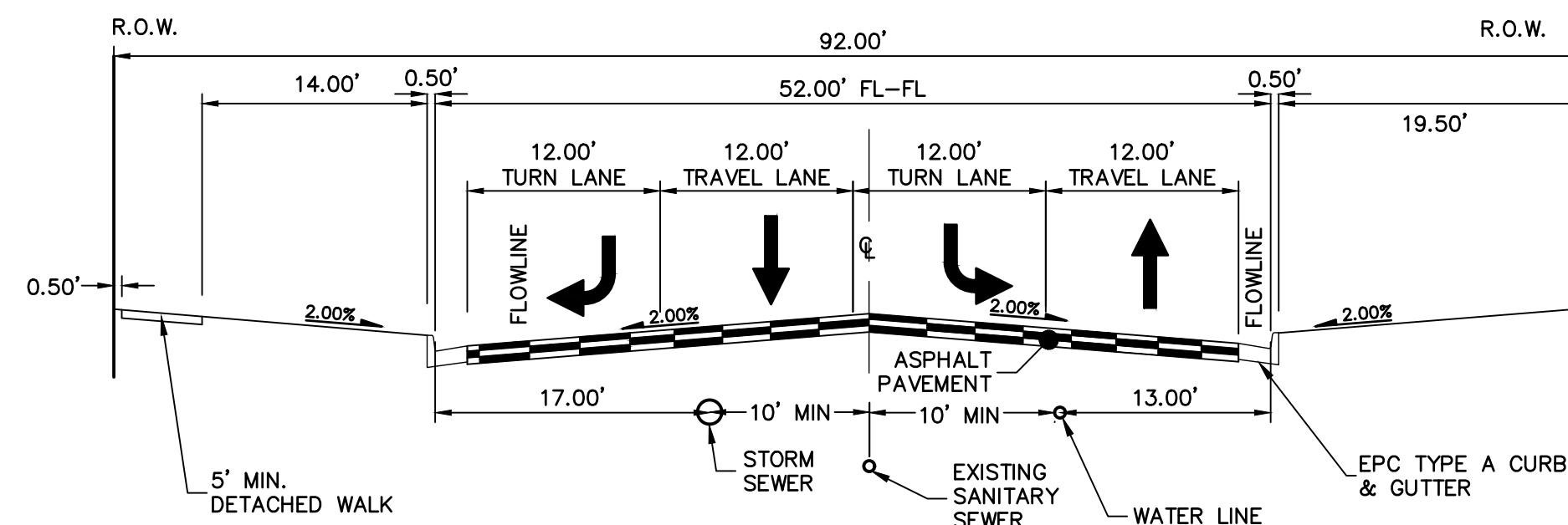
Centennial 303-740-9393 • Colorado Springs 719-593-2593
Fort Collins 970-491-9888 • www.jrengineering.com

[illegible]

[illegible]

PAONIA ST
TYPICAL SECTION (80' ROW)

URBAN NON-RESIDENTIAL COLLECTOR
STA 11+50 TO STA 21+03.88



PAONIA ST
TYPICAL SECTION (92' ROW)
URBAN NON-RESIDENTIAL COLLECTOR
STA 21+03.88 TO STA 25+37.20



MENT

N

COLORADO REGISTERED
MIKE A. BRAMLETT
32314
PROFESSIONAL ENGINEER

DA

ENGINEERING, LLC

11/11/21

PAONIA STREET
IMPROVEMENTS

SHEET 3 OF 10

JOB NO. 25174.00

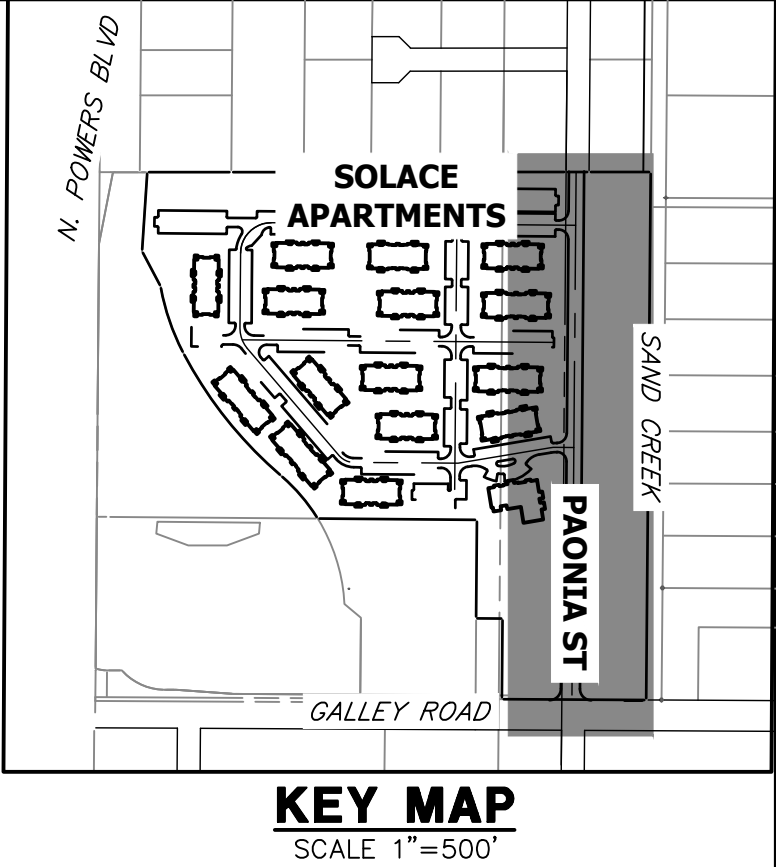
H-SCALE	N/A	No.	REVISION	BY	DATE
V-SCALE	N/A				
DATE	11/11/21				
DESIGNED BY	JRM				
DRAWN BY	JRM				
CHECKED BY					

 **J·R ENGINEERING**
A Westrian Company

Centennial 303-740-9383 • Colorado Springs 719-593-2583
Fort Collins 970-491-9888 • www.jrengineering.com

PREPARED FOR
CS POWERS & GALLEY, LLC
510 S. NEIL ST.
CHAMPAIGN, IL 61820
OFFICE PHONE
(734) 216-2577

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.



UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

CS POWERS & GALLEY, LLC
510 S. NEIL ST.
CHAMPAIGN, IL 61820
OFFICE PHONE
(734) 216-2577

 **J.R. ENGINEERING**
A Westrian Company

Centennial 303-740-9393 • Colorado Springs 719-593-2593
Fort Collins 970-491-9888 • www.jrengineering.com

H-SCALE	1"=50'	No.	REVISION	BY	DATE
V-SCALE	N/A				
DATE	11/11/21				
DESIGNED BY	JRM				
DRAWN BY	JRM				
CHECKED BY					

PAONIA STREET
IMPROVEMENTS

OVERALL UTILITY PLAN

SHEET 4 OF 10

JOB NO. 25174.00

NOTES

1. SEE SHEET 3 FOR TYPICAL SECTIONS.

ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

MIKE A. BRAMLETT, P.E.
COLORADO P.E. 32314
FOR AND ON BEHALF OF

FOR AND ON BEHALF OF JR ENGINEERING, LLC



Know what's **below**.
Call before you dig

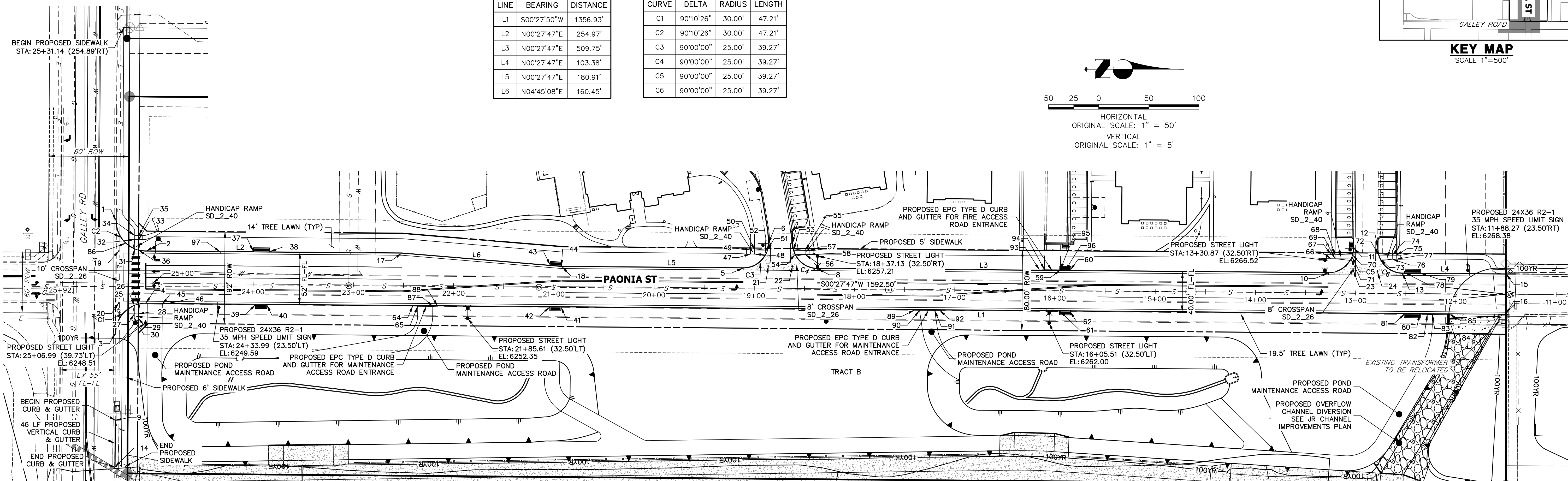
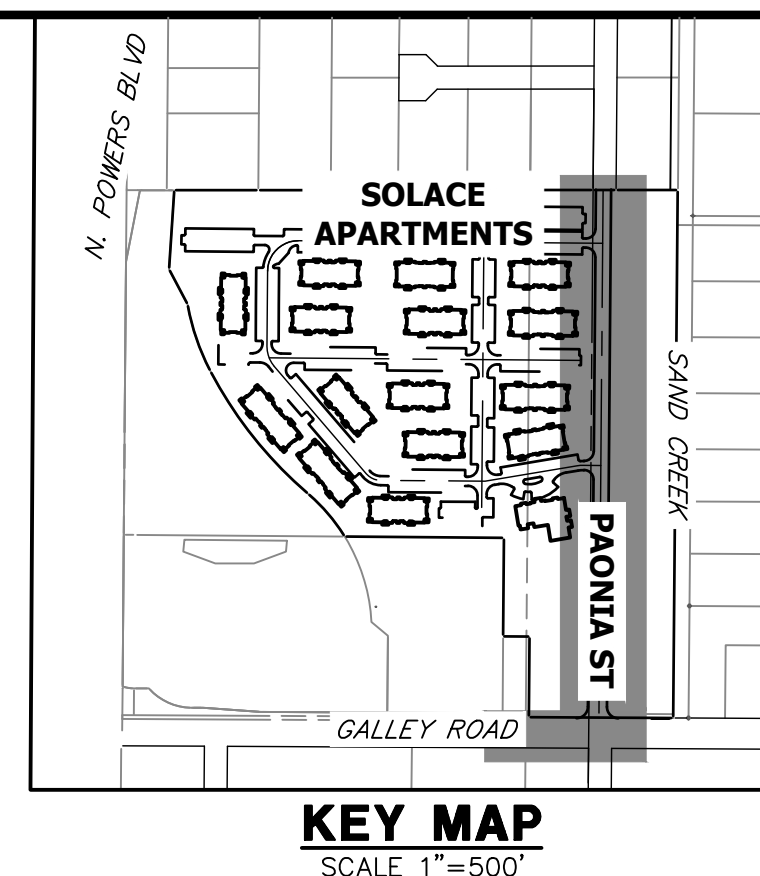
32314 11/11/2

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S00°27'50"W	1356.93'
L2	N00°27'47"E	254.97'
L3	N00°27'47"E	509.75'
L4	N00°27'47"E	103.38'
L5	N00°27'47"E	180.91'
L6	N04°45'08"E	160.45'

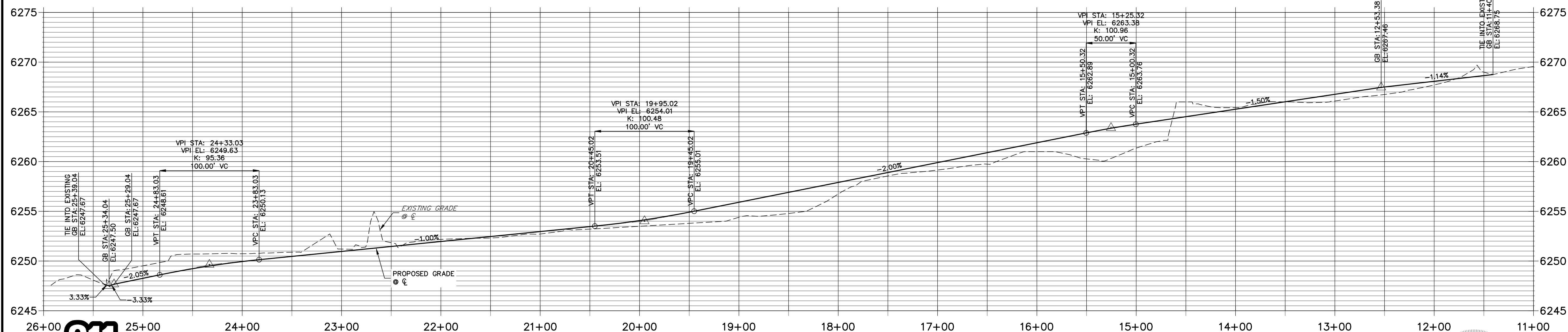
CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C1	90°10'26"	30.00'	47.21'
C2	90°10'26"	30.00'	47.21'
C3	90°00'00"	25.00'	39.27'
C4	90°00'00"	25.00'	39.27'
C5	90°00'00"	25.00'	39.27'
C6	90°00'00"	25.00'	39.27'

NOTES

1. ALL PROFILE ELEVATIONS ARE CENTERLINE UNLESS OTHERWISE NOTED.
2. ALL POINT TABULATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.
3. SEE SHEET 2 FOR LEGEND.
4. SEE SHEETS 3 FOR TYPICAL STREET SECTIONS.
5. SIDEWALK SHALL BE A DEPTH OF 6 INCHES.



PAONIA ST CL PROFILE
STA 11+00.00 TO 26+00.00



ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

MIKE A. BRAMLETT, P.E.
COLORADO P.E. 32314
FOR AND ON BEHALF

11/11/20

UNTIL SUCH TIME AS
THESE DRAWINGS ARE
APPROVED BY THE
APPROPRIATE REVIEWING
AGENCIES, JR ENGINEERING
APPROVES THEIR USE
ONLY FOR THE PURPOSES
DESIGNATED BY WRITTEN
AUTHORIZATION

PREPARED FOR
CS POWERS & GALLEY, LLC



J·R ENGINEERING
A Westrian Company

Centennial 303-740-9393 • Colorado Springs 719-593-2593
Fort Collins 970-491-9888 • www.renateering.com

	H-SCALE	1"=50'	No.	REVISION	BY	DATE
	V-SCALE	1"=5'				
	DATE	11/11/21				
	DESIGNED BY	JRM				
	DRAWN BY	JRM				

PAONIA STREET
IMPROVEMENTS

SHEET	5	OF	10
JOB NO.	25174.00		



Know what's below.
Call before you dig.

POINT TABULATION					
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	DESCRIPTION
1	25+37.20	61.91' (RT)	PAONIA ST CL	6247.94	TIE INTO EXISTING
2	25+07.01	32.00' (RT)	PAONIA ST CL	6247.98	PCR
3	25+36.89	50.09' (LT)	PAONIA ST CL	6247.33	TIE INTO EXISTING
4	25+06.89	20.00' (LT)	PAONIA ST CL	6247.71	PCR
5	19+11.15	20.00' (RT)	PAONIA ST CL	6255.16	PCR
6	18+86.15	45.00' (RT)	PAONIA ST CL	6256.06	PCC
7	18+62.15	45.00' (RT)	PAONIA ST CL	6256.15	PCC
8	18+37.15	20.00' (RT)	PAONIA ST CL	6256.64	PCR
9	25+36.56	137.22' (LT)	PAONIA ST CL	6246.81	BEGIN C&G
10	13+27.39	20.00' (RT)	PAONIA ST CL	6265.83	PCR
11	13+02.39	45.00' (RT)	PAONIA ST CL	6266.38	PCR
12	12+78.38	45.00' (RT)	PAONIA ST CL	6266.99	PCR
13	12+53.39	20.00' (RT)	PAONIA ST CL	6266.94	PCR
14	25+36.49	183.62' (LT)	PAONIA ST CL	6246.72	END C&G
15	11+50.00	20.00' (RT)	PAONIA ST CL	6269.53	TIE INTO EXISTING
16	11+50.00	20.00' (LT)	PAONIA ST CL	6268.22	TIE INTO EXISTING
17	22+52.04	32.00' (RT)	PAONIA ST CL	6250.68	PI
18	20+92.04	20.00' (RT)	PAONIA ST CL	6252.51	PI
19	25+34.14	32.00' (RT)	PAONIA ST CL	6247.62	FL-FL INTERCEPT
20	25+33.98	20.00' (LT)	PAONIA ST CL	6247.45	FL-FL INTERCEPT
21	18+86.13	22.00' (RT)	PAONIA ST CL	6255.46	FL-FL INTERCEPT
22	18+62.13	22.00' (RT)	PAONIA ST CL	6255.86	FL-FL INTERCEPT
23	13+02.38	22.00' (RT)	PAONIA ST CL	6266.05	FL-FL INTERCEPT
24	12+78.38	21.00' (RT)	PAONIA ST CL	6266.56	FL-FL INTERCEPT

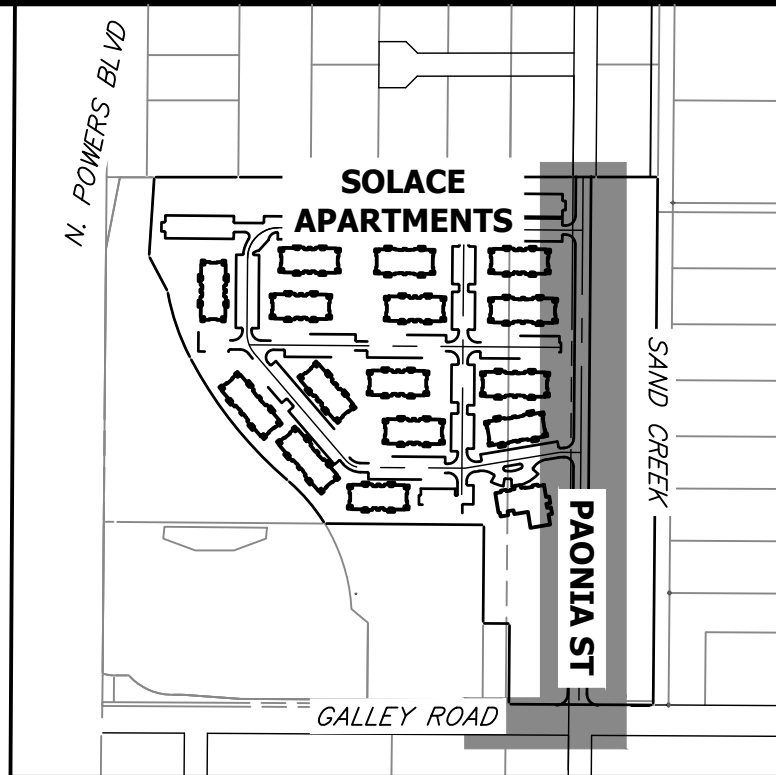
POINT TABULATION					
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	DESCRIPTION
25	25+18.30	22.25' (LT)	PAONIA ST CL	6247.62	FL AT RAMP
26	25+14.30	20.93' (LT)	PAONIA ST CL	6247.65	FL AT RAMP
27	25+18.27	30.69' (LT)	PAONIA ST CL	6248.13	TOP OF RAMP
28	25+14.29	30.70' (LT)	PAONIA ST CL	6248.20	TOP OF RAMP
29	25+14.28	34.70' (LT)	PAONIA ST CL	6248.16	LANDING
30	25+18.28	34.69' (LT)	PAONIA ST CL	6248.09	LANDING
31	25+18.46	34.20' (RT)	PAONIA ST CL	6247.86	FL AT RAMP
32	25+18.49	43.49' (RT)	PAONIA ST CL	6248.39	TOP OF RAMP
33	25+14.49	43.50' (RT)	PAONIA ST CL	6248.46	TOP OF RAMP
34	25+18.51	47.49' (RT)	PAONIA ST CL	6248.43	LANDING
35	25+14.50	47.50' (RT)	PAONIA ST CL	6248.54	LANDING
36	25+14.46	32.90' (RT)	PAONIA ST CL	6247.91	FL AT RAMP
37	23+99.99	32.50' (RT)	PAONIA ST CL	6249.65	TBC AT INLET CORNER
38	23+83.66	32.50' (RT)	PAONIA ST CL	6249.86	TBC AT INLET CORNER
39	23+97.49	20.50' (LT)	PAONIA ST CL	6250.01	TBC AT INLET CORNER
40	23+86.16	20.50' (LT)	PAONIA ST CL	6250.15	TBC AT INLET CORNER
41	20+92.55	20.50' (LT)	PAONIA ST CL	6253.09	TBC AT INLET CORNER
42	21+03.88	20.50' (LT)	PAONIA ST CL	6252.98	TBC AT INLET CORNER
43	21+03.83	21.38' (RT)	PAONIA ST CL	6252.88	TBC AT INLET CORNER
44	20+92.52	20.54' (RT)	PAONIA ST CL	6253.01	TBC AT INLET CORNER
45	24+90.36	20.83' (LT)	PAONIA ST CL	6248.54	TBC AT PI
46	24+85.36	20.50' (LT)	PAONIA ST CL	6248.64	TBC AT PI
47	19+04.06	34.00' (RT)	PAONIA ST CL	6256.20	LANDING
48	19+00.06	34.00' (RT)	PAONIA ST CL	6256.28	TOP OF RAMP

POINT TABULATION					
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	DESCRIPTION
49	19+04.06	38.00' (RT)	PAONIA ST CL	6256.28	LANDING
50	19+00.06	38.00' (RT)	PAONIA ST CL	6256.35	TOP OF RAMP
51	18+87.13	38.00' (RT)	PAONIA ST CL	6255.91	FL AT RAMP
52	18+88.68	34.00' (RT)	PAONIA ST CL	6255.83	FL AT RAMP
53	18+61.13	38.00' (RT)	PAONIA ST CL	6256.10	FL AT RAMP
54	18+59.58	34.00' (RT)	PAONIA ST CL	6256.17	FL AT RAMP
55	18+49.53	38.00' (RT)	PAONIA ST CL	6256.90	TOP OF RAMP
56	18+49.53	34.00' (RT)	PAONIA ST CL	6256.82	TOP OF RAMP
57	18+45.53	38.00' (RT)	PAONIA ST CL	6256.98	LANDING
58	18+45.53	34.00' (RT)	PAONIA ST CL	6256.92	LANDING
59	15+94.84	20.50' (RT)	PAONIA ST CL	6261.77	TCB AT INLET CORNER
60	15+84.84	20.50' (RT)	PAONIA ST CL	6262.17	TCB AT INLET CORNER
61	15+94.84	20.50' (LT)	PAONIA ST CL	6261.97	TCB AT INLET CORNER
62	15+84.84	20.50' (LT)	PAONIA ST CL	6262.17	TCB AT INLET CORNER
64	22+40.58	20.50' (LT)	PAONIA ST CL	6251.61	TBC AT PI
65	22+35.58	20.83' (LT)	PAONIA ST CL	6251.67	TBC AT PI
66	13+24.85	34.01' (RT)	PAONIA ST CL	6266.66	LANDING
67	13+24.85	38.00' (RT)	PAONIA ST CL	6266.73	LANDING
68	13+20.88	38.00' (RT)	PAONIA ST CL	6266.80	TOP OF RAMP
69	13+20.88	34.00' (RT)	PAONIA ST CL	6266.74	TOP OF RAMP
70	13+03.38	38.00' (RT)	PAONIA ST CL	6266.27	FL AT RAMP
71	13+04.93	34.00' (RT)	PAONIA ST CL	6266.21	FL AT RAMP
72	12+77.38	38.00' (RT)	PAONIA ST CL	6266.92	FL AT RAMP
73	12+75.83	34.00' (RT)	PAONIA ST CL	6266.85	FL AT RAMP

POINT TABULATION					
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	DESCRIPTION
74	12+63.77	38.00' (RT)	PAONIA ST CL	6267.44	TOP OF RAMP
75	12+59.77	38.00' (RT)	PAONIA ST CL	6267.52	LANDING
76	12+63.77	34.00' (RT)	PAONIA ST CL	6267.38	TOP OF RAMP
77	12+59.74	34.00' (RT)	PAONIA ST CL	6267.46	LANDING
78	12+50.88	20.50' (RT)	PAONIA ST CL	6267.46	TCB AT INLET CORNER
79	12+35.88	20.50' (RT)	PAONIA ST CL	6267.63	TCB AT INLET CORNER
80	12+35.88	20.51' (LT)	PAONIA ST CL	6267.63	TCB AT INLET CORNER
81	12+50.88	20.51' (LT)	PAONIA ST CL	6267.45	TCB AT INLET CORNER
82	12+28.32	20.50' (LT)	PAONIA ST CL	6267.71	TBC AT PI
83	12+23.32	20.83' (LT)	PAONIA ST CL	6267.77	TBC AT PI
84	12+08.32	20.83' (LT)	PAONIA ST CL	6267.94	TBC AT PI
85	12+06.32	20.50' (LT)	PAONIA ST CL	6267.47	TBC AT PI
86	25+27.36	39.79' (RT)	PAONIA ST CL	6247.76	GRADE BREAK
87	22+20.58	20.83' (LT)	PAONIA ST CL	6251.82	TBC AT PI
88	22+15.58	20.50' (LT)	PAONIA ST CL	6251.86	TBC AT PI
89	17+40.02	20.50' (LT)	PAONIA ST CL	6259.16	TBC AT PI
90	17+34.97	20.83' (LT)	PAONIA ST CL	6259.26	TBC AT PI
91	17+19.78	20.83' (LT)	PAONIA ST CL	6259.57	TBC AT PI
92	17+14.84	20.50' (LT)	PAONIA ST CL	6259.66	TBC AT PI
93	16+15.67	20.50' (RT)	PAONIA ST CL	6261.55	TBC AT PI
94	16+10.67	20.83' (RT)	PAONIA ST CL	6261.65	TBC AT PI
95	15+94.84	20.83' (RT)	PAONIA ST CL	6261.97	TBC AT PI
96	15+89.67	20.50' (RT)	PAONIA ST CL	6262.07	TBC AT PI
97	24+33.10	32.00' (RT)	PAONIA ST CL	6248.74	GRADE BREAK

NOTES

1. ALL PROFILE ELEVATIONS ARE CENTERLINE UNLESS OTHERWISE NOTED.
2. ALL POINT TABULATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.
3. SEE SHEET 2 FOR LEGEND.
4. SEE SHEETS 3 FOR TYPICAL STREET SECTIONS.
5. SIDEWALK SHALL BE A DEPTH OF 6 INCHES.



KEY MAP
SCALE 1"=500'

ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

MIKE A. BRAMLETT, P.E.
COLORADO P.E. 32314
FOR AND ON BEHALF OF JR ENGINEERING, LLC
DATE 11/11/21

UNTIL SUCH TIME AS
THESE DRAWINGS ARE
APPROVED BY THE
APPROPRIATE REVIEWING
AGENCIES, OR ENGINEERING
APPROVES THEIR USE,
THESE DRAWINGS ARE
DESIGNATED BY WRITTEN
AUTHORIZATION.

PREPARED FOR
CS POWERS & GALLEY, LLC
510 S. NEIL ST.
CHAMPAIGN, IL 61820
OFFICE PHONE
(734) 216-2577

J.R. ENGINEERING
A Westman Company



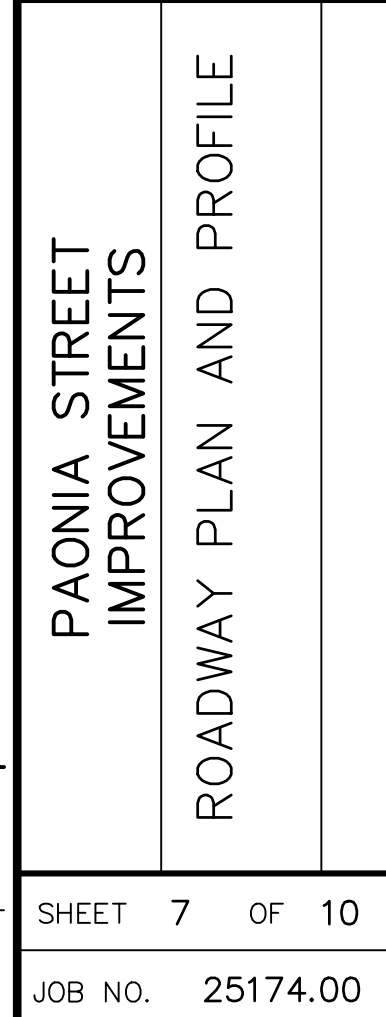
Central 303-740-9888 • Colorado Springs 719-583-2583
Fort Collins 970-491-9888 • www.jrengineering.com

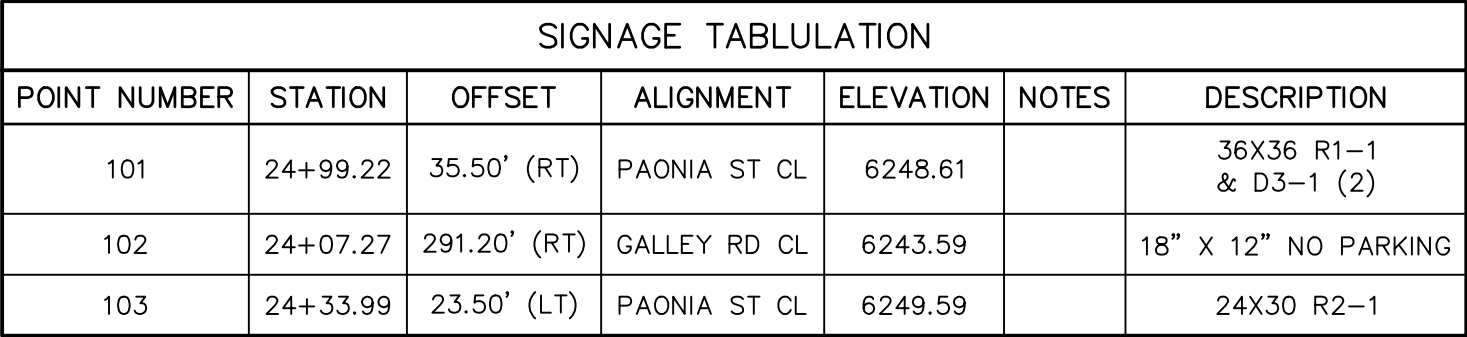
H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
N/A	N/A	11/11/21	JRM	JRM	

PAONIA STREET IMPROVEMENTS	ROADWAY PLAN AND PROFILE
-------------------------------	--------------------------

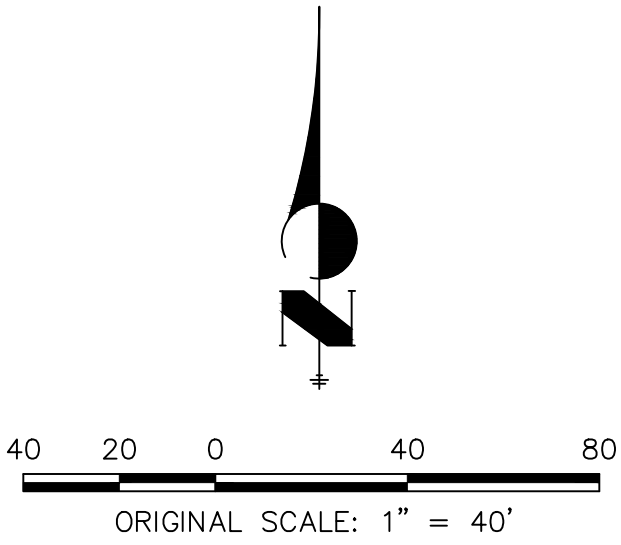
SHEET 6 OF 10

JOB NO. 25174.00





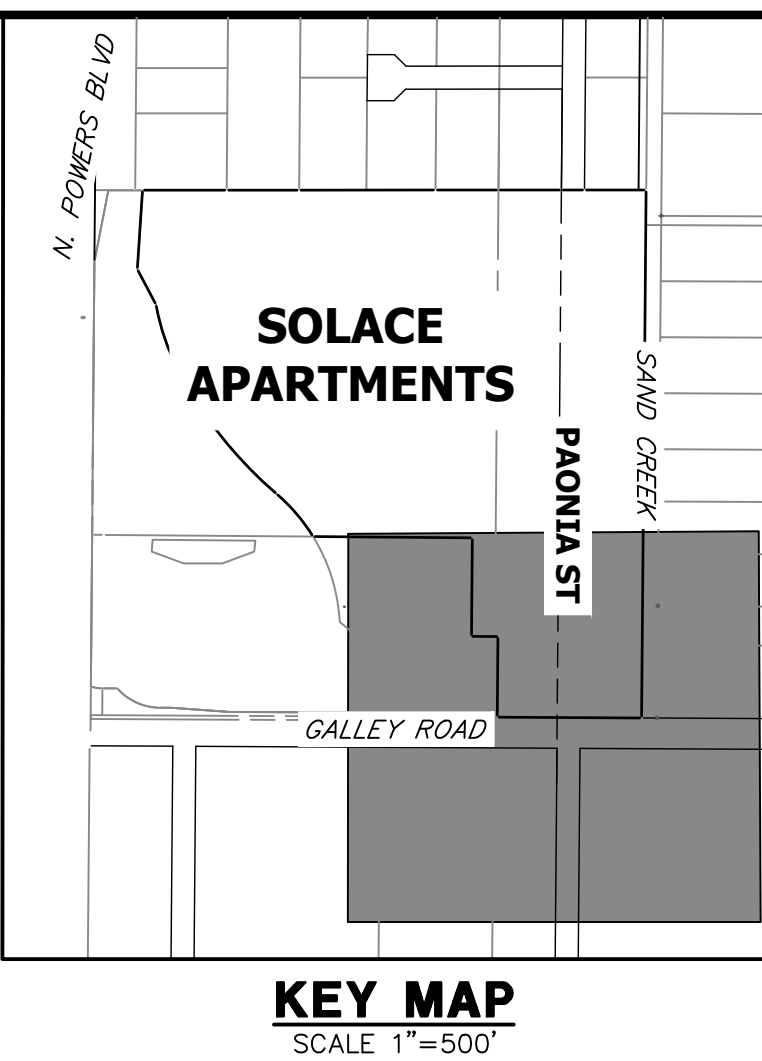
Know what's **below**.
Call before you dig.



PREPARED UNDER MY SUPERVISION

MIKE A. BRAMLETT, P.E.
COLORADO P.E. 32314
FOR AND ON BEHALF OF JR ENGINEERING,

32314 11/11/21



PROPOSED SIGN	EXISTING SIGN
Ⓢ	CDOT DELINEATOR TYPE I (CRYSTAL)
Ⓣ	CDOT DELINEATOR TYPE II (CRYSTAL)
Ⓜ	CDOT DELINEATOR TYPE II (YELLOW)
Ⓜ	CDOT DELINEATOR TYPE II (YELLOW) BACK TO BACK
ⓧ	EXISTING STRIPE TO REMAIN
ⓧ	SEE DEMOLITION PLAN FOR EX STRIPING REMOVAL PROPOSED STRIPE
ⓧ	TABULATION KEY
A	LANE LINE - 4" WIDE X 10' LONG, 30" GAP, WHITE EPOXY
B	CENTER LINE - 4" WIDE, SOLID DOUBLE YELLOW, 4" SEPARATION, EPOXY
C	CENTER LINE - 4" WIDE, SOLID YELLOW OUTSIDE, INSIDE 4" X 10' LONG, 30" GAP, YELLOW EPOXY
D	CENTER LINE - 4" WIDE, SOLID YELLOW, EPOXY
E	EDGE LINE - 4" WIDE, SOLID WHITE EPOXY
F	CROSSWALK - 18"x10' SOLID WHITE PREFORMED THERMO-PLASTIC (MIN. 90 MIL THICKNESS)
F2	18" WIDE CROSSWALK PREFORMED THERMOPLASTIC
G	LANE DROP LINE - 4" WIDE X 3' LONG, 9" GAP, WHITE EPOXY
H	STOP BAR - 2'xLANE WIDTH SOLID WHITE PREFORMED THERMO-PLASTIC (MIN. 90 MIL THICKNESS)
SYMBOLS (ARROWS, "ONLY") - SHALL BE PREFORMED THERMO-PLASTIC (MIN. 90 MIL THICKNESS)	

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
CS POWERS & GALLEY, LLC
510 S. NEIL ST.
CHAMPAIGN, IL 61820
OFFICE PHONE
(734) 216-2577

J·R ENGINEERING
A Westrian Company



Centennial 303-740-9383 • Colorado Springs 719-592-2533
Fort Collins 970-491-9388 • www.jrengineering.com

	H-SCALE	V-SCALE	DATE	No.	REVISION	BY	DATE
			11/11/21				
	DESIGNED BY		CJD				
	DRAWN BY		CJD				
	CHECKED BY						

PAONIA STREET
IMPROVEMENTS

SIGNAGE AND STRIPING PLAN

SHEET 8 OF 10

JOB NO. 25174.00



CS POWERS & GALLEY, LLC
510 S. NEIL ST.
CHAMPAIGN, IL 61820
OFFICE PHONE
(734) 216-2577

[illegible]

SHEET	10	OF	10
JOB NO.	25174.00		
PAONIA STREET IMPROVEMENTS			
DETAILS			



1. W = WIDTH SHALL BE 6' FOR LOCAL, 8' FOR COLLECTORS, AND 10' FOR ARTERIAL ROADS.
2. T = SQUARED-OFF RETURN TO BE POURED MONOLITHICALLY, 8" PC FOR LOCAL ROADS, 9" FOR COLLECTORS WITH 6x6 - 4.4 W.W.F. OR #4 REINFORCING BAR @ 18" EACH WAY.
3.  = 3" MINIMUM ASPHALT DEPTH (2 LIFTS).
4. DESIGN TO SPECIFY ELEVATIONS AT PI AND PCR.

SCALE: NOT TO SCALE



1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
2. CONTRACTOR TO NOTIFY ENGINEERING DIVISION INSPECTION STAFF 48 HOURS PRIOR TO CONCRETE PLACEMENT.
3. FEEDSTEER CURB RAMP CONSTRUCTION SHALL BE A MINIMUM 4.500 PSI, MINIMUM 4" THICK, NON-CORRODED, NON-SKIDDED, COARSE BROOM FINISH.
4. FEEDSTEER CURB RAMP LOCATION AND LENGTH MAY REQUIRE ADJUSTMENT TO ACCOMMODATE EXISTING SLOPES AND TO MAINTAIN SLOPE DUE TO STREET INTERSECTION GRADES AND/OR ALIGNMENTS. SEE EGM FOR FEEDSTEER CURB RAMP LOCATIONS AND LENGTHS.
5. DETECTABLE WARNING SURFACE SHALL START A MINIMUM OF 6" BUT NOT MORE THAN 8" FROM THE FLOWLINE OF THE CURB AT EACH POINT.
6. DETECTABLE WARNING SURFACE SHALL BE PREFABRICATED, CAST IN-PLACE (PATINA NATURAL FINISH) AND IN ACCORDANCE WITH EGM CHAPTER 6. DETECTABLE WARNING SURFACES SHALL BE TRUNCATED EDGES AND PAVEMENT WILL NOT BE ACCEPTED.
7. THE DETECTABLE WARNING SURFACE SHALL BE 24" IN LENGTH AND 4" HIGH.
8. FEEDSTEER CURB RAMP WIDTH REQUIRED IS SAME AS APPROACH AND SIDEWALK 4" MINIMUM.
9. ALL FEEDSTEER CURB RAMPS WILL BE PERPENDICULAR TO TRAFFIC WITH THE EXCEPT OF MID-BLOCK OR TERMINAL RAMPS WHICH MAY BE PARALLEL SUBJECT TO APPROVAL.
10. DRAINAGE STRUCTURES, TRAFFIC SIGNAL/SONAGE, UTILITIES/JUNCTION BOXES AND OTHER EXISTING UTILITIES SHALL BE PROTECTED FROM RAMP AREAS AND LANDINGS ARE PROHIBITED.
11. THE GUTTER SLOPE OF THE GUTTER OR ROAD AT THE FOOT OF A RAMP

GENERAL NOTES

1. WHERE THE 1'-6" FLARED SIDE(S) OF A PERPENDICULAR CURB RAMP IS (ARE) CONTIGUOUS WITH A PEDESTRIAN OR HARD SURFACE AREA (PEDESTRIAN CIRCULATION PATH), THE MAXIMUM FLARE SLOPE SHALL NOT EXCEED 10:1.
2. PEDESTRIAN WALKWAY (PEDESTRIAN ACCESS ROUTE) AND/OR LOCATION OF EXISTING OR FUTURE PEDESTRIAN RAMPS ON OPPOSITE CORNERS SHALL BE REVIEWED BEFORE CONSTRUCTING NEW RAMPS.
3. AT MARKED PEDESTRIAN CROSSINGS, THE BOTTOM OF THE RAMPS, EXCLUSIVE OF THE FLARE SIDES, SHALL BE TOTALLY CONTAINED WITHIN THE MARKINGS.

PREPARED UNDER MY SUPERVISION

MIKE A. BRAMLETT, P.E.
 COLORADO P.E. 32314
 FOR AND ON BEHALF OF JR ENGINEERING, LLC

