

CITY OF GRAND JUNCTION

PATTERSON SIDEWALK 24 1/2 RD TO 25 1/2 RD

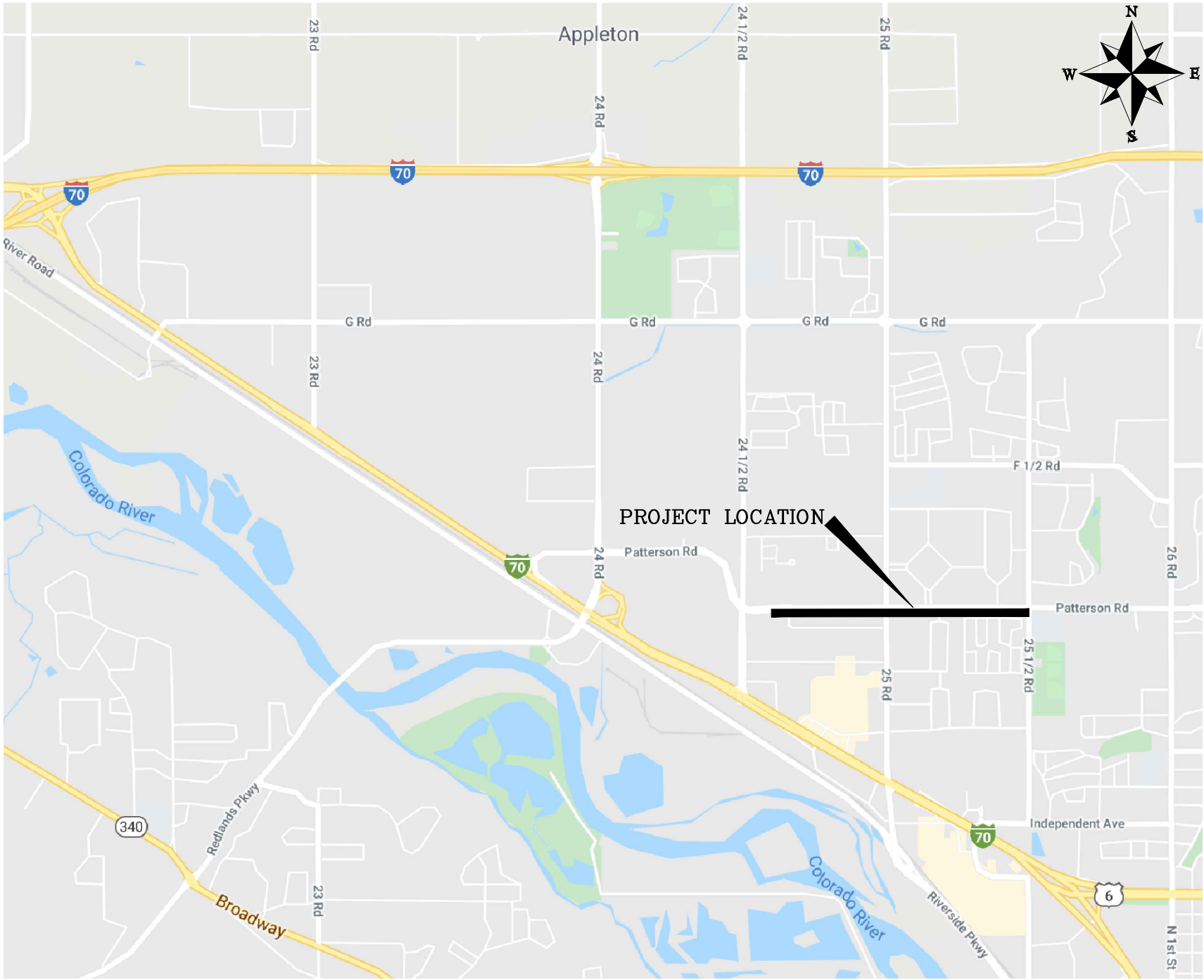
November 20, 2025

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VICINITY MAP



*Engineering and
Transportation Department*

NOTE: NOTIFY AFFECTED UTILITY VENDOR 48 HOURS
PRIOR TO EXCAVATIONS THAT WILL EXPOSE UTILITY LINES.

REVISION	DESCRIPTION	DATE
REVISION		
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REVISION		



Know what's below.
Call before you dig.

ABBREVIATIONS

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS
ABC	AGGREGATE BASE COURSE
AC	ASBESTOS CEMENT
AP	ANGLE POINT
ASB	ANCHORED STRAW BALES
ASP	ALUMINIZED STEEL PIPE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
BC	BACK OF CURB
BF	BUTTERFLY VALVE
BOW	BACK OF WALK
BCR	BEGIN CURB RETURN
BOT	BOTTOM
BSWMP	BEST STORM WATER MANAGEMENT PRACTICES
CH	CHORD
CAP	CORRUGATED ALUMINUM PIPE
CDOT	COLORADO DEPARTMENT OF TRANSPORTATION
CI	CAST IRON
C, G, & SW	CURB, GUTTER & SIDEWALK
C	CENTER LINE
CL	CLEAR
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
COMB	COMBINATION (AS IN STORM SEWER AND SANITARY SEWER)
CONC	CONCRETE
CSM	CITY SURVEY MONUMENT
CSP	CORRUGATED STEEL PIPE
CU	COPPER
DI	DUCTILE IRON
DWY	DRIVEWAY
E	ELECTRIC
ECR	END CURB RETURN
EG	EDGE OF GUTTER
EL	ELEVATION
EP	EDGE OF PAVEMENT
EX	EXISTING
FB	FULL BODY
FC	FACE OF CURB
FG	FINISHED GRADE
FL	FLOW LINE
FL	FLANGE
FM	FORCE MAIN
FO	FIBER OPTICS
FS	FAR SIDE
FTG	FOOTING
G	GAS
GB	GRADE BREAK
GM	GAS METER
GV	GATE VALVE
HBP	HOT BITUMINOUS PAVEMENT
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
IRR	IRRIGATION
L	LENGTH OF ARC
LC	LONG CHORD
LF	LINEAR FEET
LL	LONG ARC
LS	SHORT ARC
LT	LEFT
MB	MAILBOX
MCSM	MESA COUNTY SURVEY MONUMENT
MH	MANHOLE
MJ	MECHANICAL JOINT
MW	MILL WRAP
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOP	NO ONE PERSON
NRCP	NON-REINFORCED CONCRETE PIPE
NS	NEAR SIDE
NTS	NOT TO SCALE
OHP	OVERHEAD POWER
OHT	OVERHEAD TELEPHONE
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PE	POLYETHYLENE
PERF	PERFORATED
PI	POINT OF INTERSECTION
PIP	PLASTIC IRRIGATION PIPE
POC	POINT ON CURVE
POT	POINT ON TANGENT
PR	PROPOSED
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RG	RESTRAINED GLANDS
RL	LONG RADIUS
ROW	RIGHT OF WAY
RP	RADIUS POINT
RR	RAIL ROAD
RS	SHORT RADIUS
RT	RIGHT
S	SLOPE
SAN	SANITARY
SC	SHORT CHORD
SCD	STANDARD CONTRACT DOCUMENTS
SCH	SCHEDULE
SF	SILT FENCE
SL	SECTION LINE
SSRB	STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION
SSUU	STANDARD SPECIFICATIONS FOR CONSTRUCTION OF UNDERGROUND UTILITIES
STA	STATION
STL	STEEL
STM	STORM
T	TELEPHONE
TAN	LENGTH OF TANGENT
TC	TOP OF CURB
TH	TEST HOLE
TV	TELEVISION
(TYP)	TYPICAL
UU	UNDERGROUND UTILITIES
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VPC	VERTICAL POINT OF CURVATURE
VPCC	VERTICAL POINT OF COMPOUND CURVATURE
VPRC	VERTICAL POINT OF REVERSE CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W	WATER
Δ	DELTA ANGLE

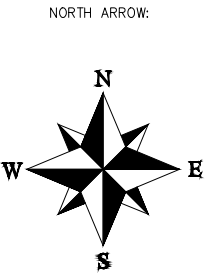
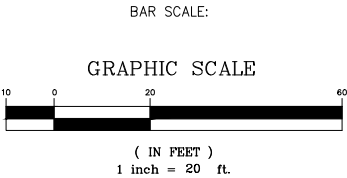
LEGEND

BSWMP DRAINAGE BASIN BOUNDARY	
BSWMP ANCHORED STRAW BALES	
BSWMP SILT FENCE	
BUILDING	
CONCRETE CURB AND GUTTER	
CONCRETE CURB, GUTTER, & SIDEWALK	
CONCRETE DITCH	
CONCRETE SIDEWALK	
CULVERT	
EARTH DITCH	
EDGE OF GRAVEL	
EDGE OF PAVEMENT	
FENCE (HT & MATL NOTED)	
GUARD RAIL	
HATCHING: INDICATES ASPHALT REMOVAL	
HATCHING: INDICATES CONCRETE REMOVAL	
HATCHING: INDICATES STAGING AREA	
LINE (CENTER OF IMPROVEMENTS)	
LINE (CITY LIMITS)	
LINE (CONTROL)	
LINE (EASEMENT)	
LINE (MONUMENT/SECTION)	
LINE (PROPERTY)	
LINE (RIGHT OF WAY)	
MATCH LINE	
PIPE (IRRIGATION)	
PIPE (SIPHON)	

PROPOSED CONCRETE CURB AND GUTTER	
PROPOSED CONCRETE CURB, GUTTER, & SIDEWALK	
PROPOSED CONCRETE SIDEWALK	
PROPOSED "WET" UTILITIES (CONSTRUCTION NOTE WILL INDICATE TYPE, SIZE, AND MATERIAL OF NEW MAIN)	
ALL PROPOSED FEATURES NOT SHOWN IN LEGEND WILL BE SHOWN THE SAME AS THEIR EXISTING COUNTERPART, BUT INDICATED BY BOLDER LINETYPE	
RAIL ROAD	
RETAINING WALL	
STRIPING (CONTINUOUS WHITE)	
STRIPING (DASHED WHITE)	
STRIPING (CONTINUOUS YELLOW)	
STRIPING (DASHED YELLOW)	
TOP OF SLOPE	
CONTOUR LINES (SHOWN BETWEEN TOP & TOE)	
TOE OF SLOPE	
TRAFFIC DETECTOR LOOP	
UTILITY LINE (ABANDON) (THIS CASE A WATER LINE)	
UTILITY LINE (CABLE TV)	
UTILITY LINE (ELECTRIC)	
UTILITY LINE (FIBER OPTIC)	
UTILITY LINE (GAS)	
UTILITY LINE (HIGH VOLTAGE OVERHEAD POWER)	
UTILITY LINE (OVERHEAD POWER)	
UTILITY LINE (OVERHEAD TELEPHONE)	
UTILITY LINE (SANITARY SEWER)	
UTILITY LINE (SANITARY SEWER FORCE MAIN)	
UTILITY LINE (SANITARY SEWER SERVICE)	
UTILITY LINE (STORM SEWER)	
UTILITY LINE (STORM SEWER, PERFORATED)	
UTILITY LINE (STORM/SANITARY SEWER SEWER COMBINATION)	
UTILITY LINE (TELEPHONE)	
UTILITY LINE (WATER)	

SYMBOLS

BENCH MARK	
CATCH BASIN	
CLEAN OUT	
CURB STOP	
FIRE HYDRANT	
GUY WIRE ANCHOR	
HEADGATE	
IRRIGATION PUMP	
MAILBOX	
MANHOLE (ELECTRIC)	
MANHOLE (GAS)	
MANHOLE (SANITARY/STORM)	
MANHOLE (TELEPHONE)	
MANHOLE (TV)	
MANHOLE (WATER)	
METER (GAS)	
METER (WATER)	
PEDESTAL (TELEPHONE)	
PEDESTAL (TV)	
PROPERTY PIN	
PULL BOX	
REDUCER FITTING	
SIGN OR POST (SIGN TYPE NOTED)	
SPRINKLER HEAD	
STREET LIGHT	
SURVEY MONUMENT (CITY)	
SURVEY MONUMENT (TYPE NOTED)	
TEST HOLE	
TRAFFIC PAINT MARKING	
TRAFFIC SIGNAL POLE AND MAST ARM	
UTILITY POLE	
VALVE (GAS)	
VALVE (IRRIGATION)	
VALVE (WATER)	
VEGETATION (HEDGE OR BUSH)	
VEGETATION (TREE STUMP)	
VEGETATION (TREE) (CALIPER SIZE NOTED)	
WATER HYDRANT	
WEIR	
YARD LIGHT	



REVISION Δ	DESCRIPTION	DATE	DRAWN BY HMC	DATE 2025
REVISION Δ			DESIGNED BY KH	DATE 2025
REVISION Δ			CHECKED BY KH	DATE 2025
REVISION Δ			APPROVED BY KH	DATE 2025

SCALES:
NO SCALE



ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

PATTERSON SIDEWALK
STANDARD ABBREVIATIONS LEGENDS AND SYMBOLS
November 20, 2025

Bid Schedule: Patterson Sidewalk 24 1/2 Rd. to 25 1/2 Rd.

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	102	Storm Drain Inlet	13	EA	\$ _____	\$ _____
2	102	Storm Drain Pipe (12") (HPPP)	173	LF	\$ _____	\$ _____
3	102	Storm Drain Pipe (8") (HPPP)	33	LF	\$ _____	\$ _____
4	102	Connect to Existing Structure (Complete in Place)	2	EA	\$ _____	\$ _____
5	102	Connect to Existing Pipe (Complete in Place)	5	EA	\$ _____	\$ _____
6	201	Clearing and Grubbing	Lump	SUM	---	\$ _____
7	202	Remove Inlet	1	EA	\$ _____	\$ _____
8	202	Remove Concrete	430	SY	\$ _____	\$ _____
9	202	Remove Concrete	310	LF	\$ _____	\$ _____
10	202	Remove Asphalt Mat (Full Depth)	185	SY	\$ _____	\$ _____
11	202	Remove Asphalt Mat (Planing) (2" Depth)	45	SY	\$ _____	\$ _____
12	202	Remove Guardrail	70	LF	\$ _____	\$ _____
13	202	Remove Fence	95	LF	\$ _____	\$ _____
14	202	Remove Bollard	4	EA	\$ _____	\$ _____
15	202	Remove T-Post	8	EA	\$ _____	\$ _____
16	202	Remove Thermoplastic Markings	245	SF	\$ _____	\$ _____
17	202	Remove Sod	485	SY	\$ _____	\$ _____
18	202	Remove Electric Meter	1	EA	\$ _____	\$ _____
19	202	Abandon Irrigation System in Place	Lump	SUM	---	\$ _____
20	203	Unclassified Excavation (Complete in Place)	4,169	CY	\$ _____	\$ _____
21	203	Embankment Material (Complete in Place)	1,935	CY	\$ _____	\$ _____
22	203	Haul Earthwork Material	2,234	CY	\$ _____	\$ _____

23	208	Errosion Control (Complete in Place)	Lump	SUM	---	\$ _____
24	210	Reset Storm Drain Inlet	2	EA	\$ _____	\$ _____
25	210	Reset Irrigtaion Valve	1	EA	\$ _____	\$ _____
26	218	Granite Rock Mulch (1-1/2") (Tan) (3" Depth)	12,400	SY	\$ _____	\$ _____
27	218	Gunnison River Rock Mulch (1"-2") (3" Depth)	4,150	SY	\$ _____	\$ _____
28	218	La Sal Purple Rock Mulch (2"-3") (Seeded)	2,250	SY	\$ _____	\$ _____
29	218	Granite Landscape Boulder (2x2x3)	224	EA	\$ _____	\$ _____
30	218	Granite Landscape Boulder (3x3x4)	255	EA	\$ _____	\$ _____
31	218	Pre-emergent Herbicide Application (Flumigard)	3.5	ACRE	\$ _____	\$ _____
32	304	Aggregate Base Course (Class 6)	2,855	TON	\$ _____	\$ _____
33	304	Aggregate Base Course (Class 4)	120	TON	\$ _____	\$ _____
34	306	Reconditioning (6" Depth)	10,250	SY	\$ _____	\$ _____
35	401	HMA (SX 75 PG 64-22)	55	TON	\$ _____	\$ _____
36	608	Concrete Curb Ramp	228	SY	\$ _____	\$ _____
37	608	Concrete Fillet (8" Thick)	68	SY	\$ _____	\$ _____
38	608	Concrete Sidewalk (6" Thick)	5,076	SY	\$ _____	\$ _____
39	608	Concrete Curb Gutter & Sidewalk (6" Thick) (Monolithic) (Vertical)	18	SY	\$ _____	\$ _____
40	608	Concrete Curb & Gutter (2' Wide) (Vertical)	260	LF	\$ _____	\$ _____
41	608	Concrete Curb (Vertical)	12	LF	\$ _____	\$ _____
42	608	Detectable Warning Plate (ADA)	59	EA	\$ _____	\$ _____
43	613	2 Inch Electrical Conduit	6,000	LF	\$ _____	\$ _____
44	613	2 Inch Electrical Conduit (Bored)	6,000	LF	\$ _____	\$ _____
45	613	Pull Box (Type 2)	64	EA	\$ _____	\$ _____
46	613	Lighting Control Center (Special)	2	EA	\$ _____	\$ _____
47	613	Light Standard and Luminare Single (Pedestrian)	55	EA	\$ _____	\$ _____

48	613	Light Standard Foundation (Pedestrian Special)	55	EA	\$ _____	\$ _____
49	614	Pedestrian Push Button Post Assembly (Complete in Place)	5	EA	\$ _____	\$ _____
50	614	Sign Panel (Authorized Vehicles Only) (R5-11)	2	EA	\$ _____	\$ _____
51	620	Sanitary Facility	Lump	SUM	---	\$ _____
52	625	Construction Surveying	Lump	SUM	---	\$ _____
53	626	Mobilization	Lump	SUM	---	\$ _____
54	627	Preformed Thermoplastic Pavement Marking (Xwalk)	400	SF	\$ _____	\$ _____
55	627	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	25	SF	\$ _____	\$ _____
56	630	Traffic Control (Complete in Place)	Lump	SUM	---	\$ _____
57	630	Traffic Control Plan	Lump	SUM	---	\$ _____
			0			
ADD ALTERNATE 1: BUS STOP			0			
A1	202	Remove Concrete	130	LF	\$ _____	\$ _____
A2	203	Unclassified Excavation (Complete in Place)	65	CY	\$ _____	\$ _____
A3	210	Reset Bench	1	EA	\$ _____	\$ _____
A4	304	Aggregate Base Course (Class 6)	40	TON	\$ _____	\$ _____
A5	306	Reconditioning (6" Depth)	130	SY	\$ _____	\$ _____
A6	412	Concrete Pavement (8" Thick)	100	SY	\$ _____	\$ _____
A7	608	Concrete Curb and Gutter (2' Wide)	135	LF	\$ _____	\$ _____
A8	608	Concrete Pad (6" Thick)	20	SY	\$ _____	\$ _____
MCR	Minor Contract Revisions		---	---	---	\$67,500.00
Bid Amount:					\$ _____	
Bid Amount:						
						dollars

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DESCRIPTION	DATE
DRAWN BY HMC	DATE 2025
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SCALES:

NO SCALE



ENGINEERING AND
TRANSPORTATION DEPARTMENT

PROJECT NO. C1012

PATTERSON SIDEWALK
SUMMARY OF APPROXIMATE QUANTITIES – 1

November 20, 2025

GENERAL NOTES

CONSTRUCTION

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO THOSE AREAS WITHIN THE LIMITS OF DISTURBANCE AND/OR TOES OF SLOPE AS SHOWN ON THE PLANS AND CROSS SECTIONS. ANY DISTURBANCE BEYOND THESE LIMITS SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR AT THEIR OWN EXPENSE. CONSTRUCTION ACTIVITIES IN ADDITION TO NORMAL CONSTRUCTION PROCEDURES SHALL INCLUDE THE PARKING OF VEHICLES OR EQUIPMENT, DISPOSAL OF LITTER, AND ANY OTHER ACTION WHICH WOULD ALTER EXISTING CONDITIONS.

STRUCTURE EXCAVATION AND STRUCTURE BACKFILL REQUIRED FOR ALL MANHOLES, VALVE BOXES, INLETS, WALLS, PIPES, CULVERTS, UTILITY CONDUITS, EXTENSIONS, REMOVED PIPES AND REMOVED CONDUITS WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.

THE TEMPORARY CONSTRUCTION EASEMENTS ARE LIMITED TO SPECIFIC CONSTRUCTION ITEMS AND THE AREA IS TO BE RETURNED TO EXISTING CONDITION AS SOON AS POSSIBLE. THE AREAS ARE NOT TO BE USED FOR STORAGE OR PARKING WHERE IT WOULD INTERFERE WITH BUSINESS OPERATIONS, ACCESS OR PARKING.

AGGREGATE BASE COURSE (CLASS 6) SHOULDER MATERIAL SHALL BE STABILIZED IMMEDIATELY UPON PLACEMENT.

WATER SHALL BE USED AS A DUST PALLIATIVE WHERE REQUIRED. APPLICATION SHALL BE AS DIRECTED BY THE ENGINEER. WATER AS A DUST PALLIATIVE AND ANY OTHER WETTING SHALL BE INCLUDED IN THE WORK AND WILL NOT BE PAID SEPARATELY.

WATER SOURCE USED FOR MOISTURE DENSITY CONTROL SHALL BE THE CONTRACTOR’S RESPONSIBILITY AND SHALL BE FREE OF EXCESSIVE SEDIMENTS OR OTHER CONTAMINANTS THAT MAY BE DETRIMENTAL TO EMBANKMENTS, SUB-BASES, AND BASE COURSE MATERIAL.

DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL KEEP ALL WORK EQUIPMENT AND MATERIALS WITHIN THE EASEMENT AND/OR RIGHT OF WAY LIMITS.

EXCAVATION REQUIRED FOR COMPACTION OF BASES OF CUTS AND FILLS WILL BE CONSIDERED AS SUBSIDIARY TO THAT OPERATION AND WILL NOT BE PAID FOR SEPARATELY.

THE CONTRACTOR SHALL BE REQUIRED TO FIELD VERIFY LENGTHS, DIAMETERS, ELEVATIONS, LOCATIONS, AND THICKNESS BEFORE ORDERING MATERIALS.

NO VERTICAL SLOPES SHALL BE LEFT OVERNIGHT UNPROTECTED. ALL UNPROTECTED VERTICAL SLOPES SHALL BE FLATTENED TO A 4:1 SIDE SLOPE PRIOR TO THE END OF THE WORK DAY, OR AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE ADJUSTMENT OF ALL VALVE BOXES AND MANHOLES WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL NOTIFY THE IMPACTED UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO ANY WORK BEING ACCOMPLISHED.

THE CONTRACTOR WILL BE REQUIRED TO STAKE THE EASEMENT AREAS DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE PROJECT.

ANY EXISTING SIGNS OR SIGNS TO BE RESET THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE PROJECT.

CLEARING AND GRUBBING SHALL INCLUDE REMOVAL OF ALL TREES, LOGS, LIMBS, BRUSH, BUSHES, GROUND COVER, SOD, LANDSCAPING ITEMS, AND TRASH, ETC. AS SHOWN IN THE PLANS OR REQUIRED BY THE WORK TO AN OFF–SITE LOCATION, UNLESS SHOWN ON THE PLANS TO BE PROTECTED. THIS WORK WILL BE PAID FOR AS 201 CLEARING AND GRUBBING.

AGGREGATE BASE COURSE (CL. 6) SHOWN TO BE PLACED UNDER CONCRETE CURBS, GUTTERS, SIDEWALKS, DRAINAGE PANS, INTERSECTION FILLETS, DRIVEWAY SECTIONS, AND CURB RAMPS IS DESIGNATED AS "AGGREGATE BASE COURSE (CLASS 6)" AND WILL BE MEASURED AND PAID FOR SEPARATELY.

ASPHALT MILLINGS MAY BE SUBSTITUTED FOR ABC CLASS 6 AS APPROVED BY PROJECT ENGINEER. ANY USE OF ASPHALT MILLINGS THAT DOES NOT MEET THE APPROVED REQUIREMENTS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR’S EXPENSE.

CURB AND GUTTER IN FRONT OF CURB RAMP AREAS SHALL BE CONSIDERED PART OF THE CURB RAMP AREA AND SHALL BE MEASURED AND PAID FOR ACCORDINGLY. BACKING CURB FOR CURB RAMPS SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE CURB RAMP AREA AND SHALL NOT BE MEASURED OR PAID FOR SEPERATELY.

	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025	SCALES:
REVISION	Δ						
REVISION	Δ		DESIGNED BY	KH	DATE	2025	
REVISION	Δ		CHECKED BY	KH	DATE	2025	NO SCALE
REVISION	Δ		APPROVED BY	KH	DATE	2025	

CITY OF

Grand Junction

COLORADO

ENGINEERING AND

TRANSPORTATION DEPARTMENT

PROJECT NO. C1012

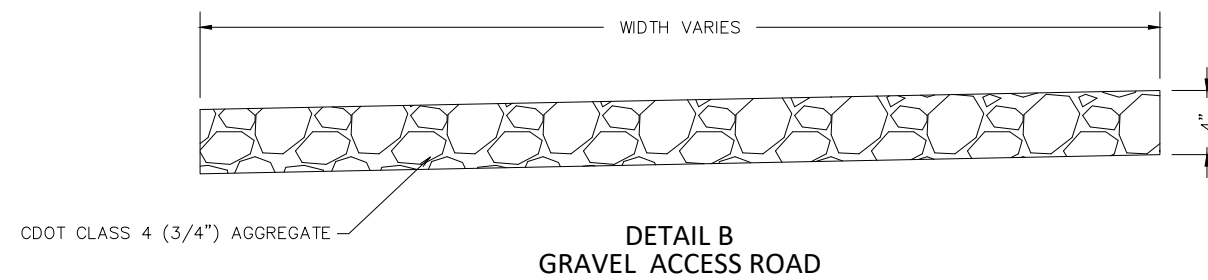
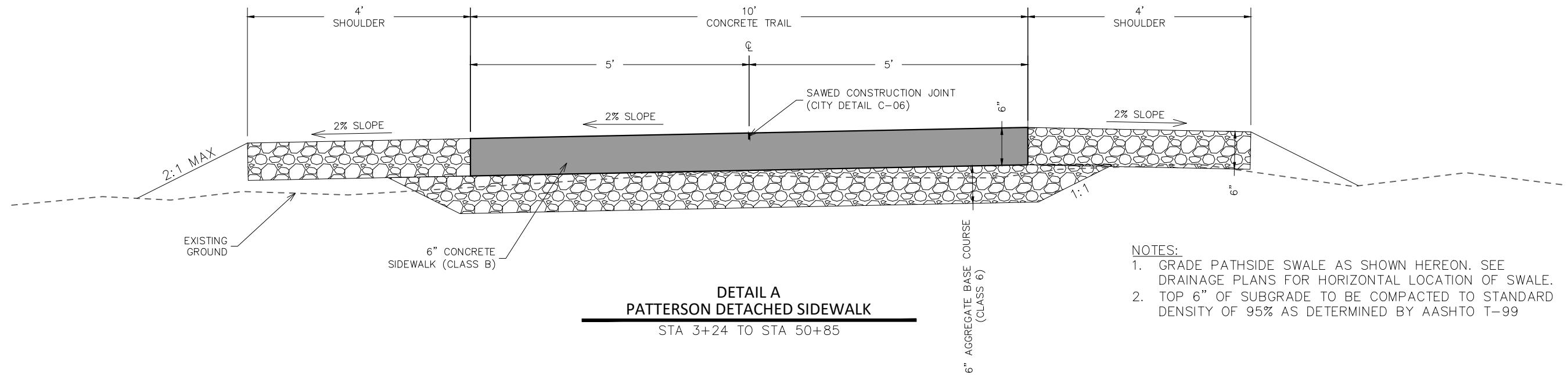
PATTERSON SIDEWALK

GENERAL NOTES

November 20, 2025

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N:\EngProj\TRANSPORTATION\C1012 (Patterson Trail 24half to 25half)\60CAD\0DESIGN\NOTES.dwg – PLOTTED 11/20/2025 12:38:28 PM

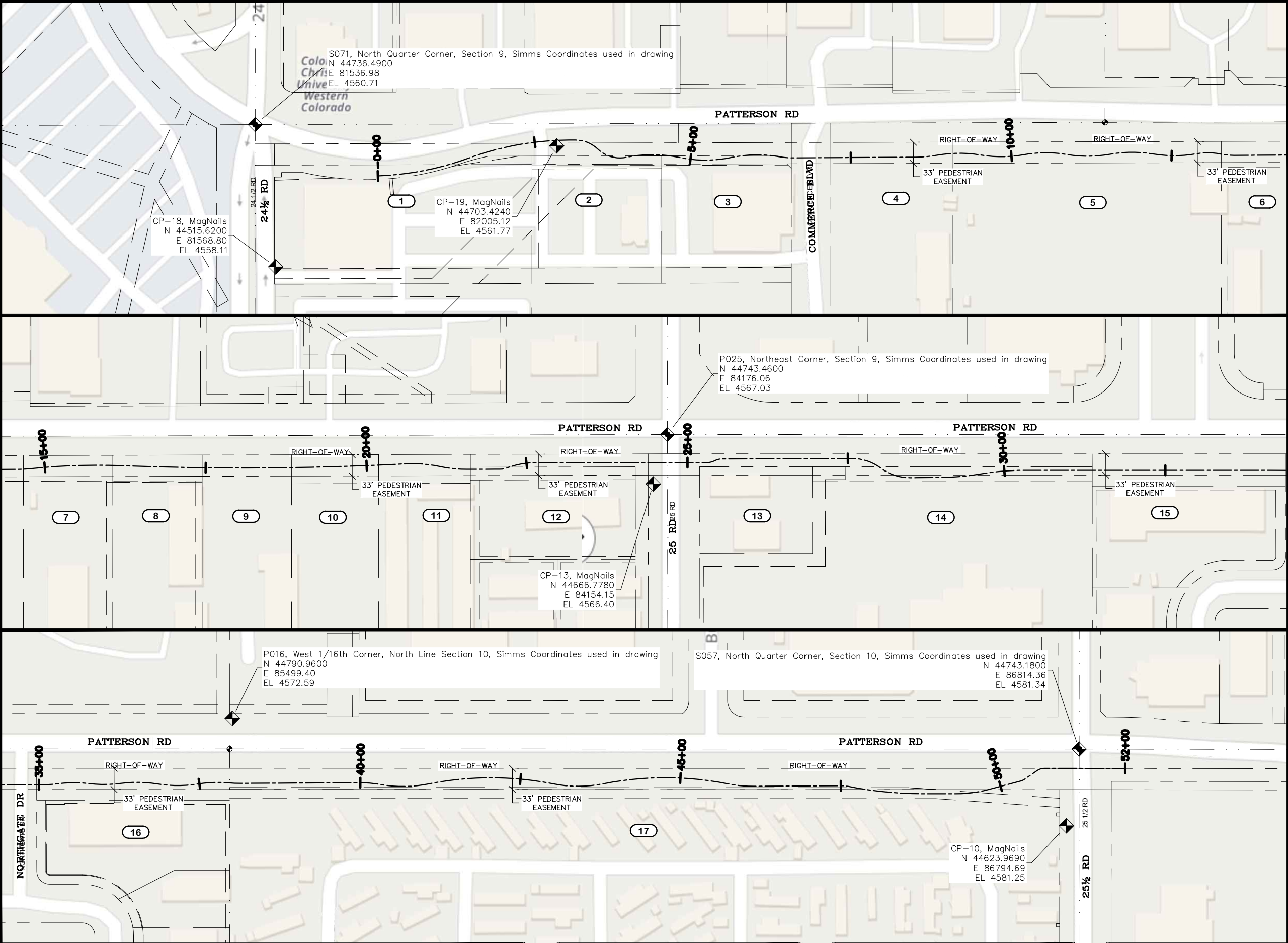


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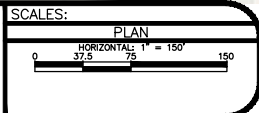
ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

PATTERSON SIDEWALK
TYPICAL SECTIONS
November 20, 2025



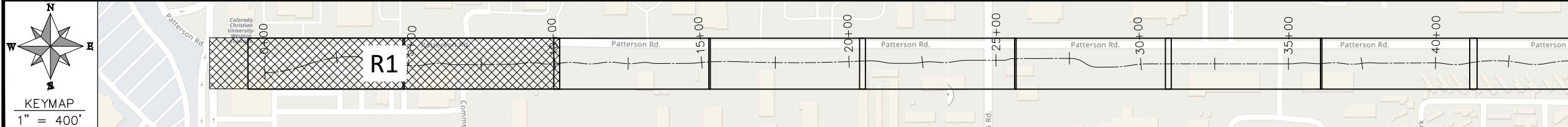
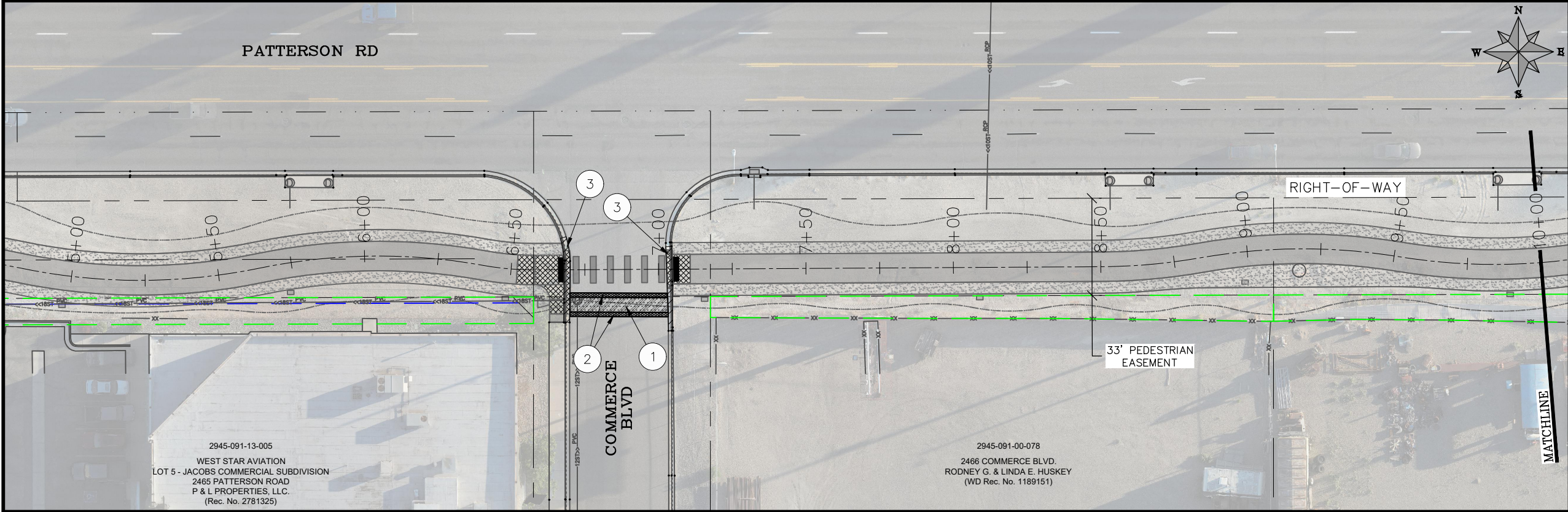
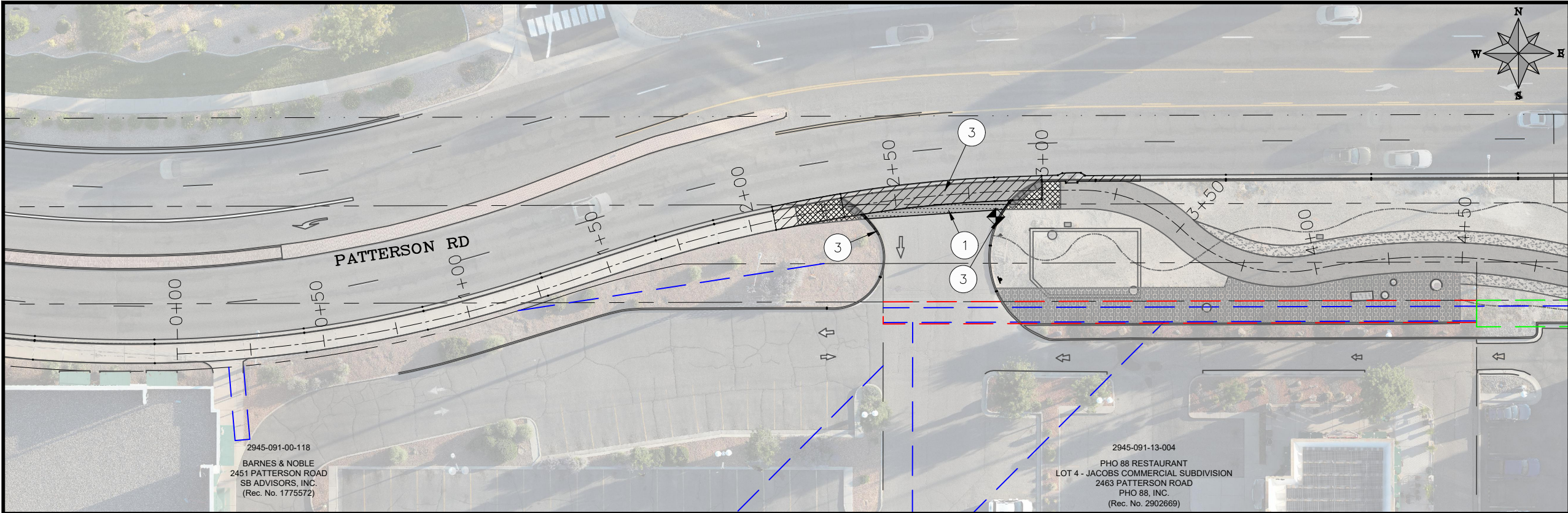
PARCEL TABLE	
1	2945-091-00-118 BARNES & NOBLE 2451 PATTERSON ROAD SB ADVISORS, INC. (Rec. No. 1775572)
2	2945-091-13-004 PHO 88 RESTAURANT LOT 4 - JACOBS COMMERCIAL SUBDIVISION 2463 PATTERSON ROAD PHO 88, INC. (Rec. No. 2902669)
3	2945-091-13-005 WEST STAR AVIATION LOT 5 - JACOBS COMMERCIAL SUBDIVISION 2465 PATTERSON ROAD P & L PROPERTIES, LLC. (Rec. No. 2781325)
4	2945-091-00-078 2466 COMMERCE BLVD. RODNEY G. & LINDA E. HUSKEY (WD Rec. No. 1189151)
5	2945-091-00-086 2468 COMMERCE BLVD. RODNEY G. & LINDA E. HUSKEY (WD Rec. 1086547)
6	2945-091-04-011 LOT 4 - BENSON COMMERCIAL SUBDIVISION 2482 COMMERCE BLVD. 2482 COMMERCE BLVD LLC (Rec. No. 3113697)
7	2945-091-04-012 LOT 5 - BENSON COMMERCIAL SUBDIVISION 2484 COMMERCE BLVD. HIGH MESA INVESTMENTS, LLC. (Rec. No. 2918782)
8	2945-091-27-000 ALPINE COMMERCIAL CENTER CONDOMINIUM 2486 COMMERCE BLVD. THIESZEN ENTERPRISES, LLC.
9	2945-091-00-083 2488 COMMERCE BLVD. MIKE D. & NICOLE GOODKNIGHT (Rec. No. 2958577)
10	2945-091-15-001 LOT 1 - SECURITY SUBDIVISION 2490 COMMERCE BLVD. R BAILEY HOLDINGS, LLC. (Rec. No. 3081923)
11	2945-091-15-002 LOT 1 - SECURITY SUBDIVISION 2492 COMMERCE BLVD. IBEX Investments, LLC. (Rec. No. 3095568)
12	2945-091-06-003 LOT 3 - MONUMENT COMMERCIAL PARK 599 25 ROAD CGC HOLDINGS (Rec. No. 2190884)
13	2945-102-00-120 596 25 ROAD C & F FOOD STORE, INC. (Rec. No. 2058566)
14	2945-102-00-119 2515 PATTERSON ROAD SCI COLORADO FUNERAL SERVICES, LLC. (Rec. No. 2809662)
15	2945-102-12-008 LOTS 1 - 4, BLOCK 1 WESTGATE PARK NO. 2 599 NORTHGATE DRIVE J & G ENTERPRISES, INC. (Rec. No. 1978358)
16	2945-102-47-001 LOT 1 - HALE STORM SUBDIVISION 598 NORTHGATE DRIVE INFLUX CUSTOM SERVICES, LLC. (Rec. No. 2967873)
17	2945-102-00-100 585 25 1/2 ROAD PARADISE PARK GJ, LLC. (Rec. No. 2889319)

REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025
REVISION			DESIGNED BY	KH	DATE	2025
REVISION			CHECKED BY	KH	DATE	2025
REVISION			APPROVED BY	KH	DATE	2025



ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

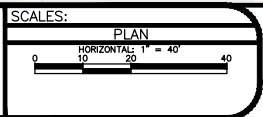
PATTERSON SIDEWALK
SURVEY CONTROL PLAN
November 20, 2025



CONSTRUCTION NOTES	
1	202 – REMOVAL OF ASPHALT MAT. CUT & REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
2	202.09 – REMOVAL OF ASPHALT MAT (PLANING). (2" DEPTH)
3	202 – REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
12	202 – REMOVAL OF FENCE AS SHOWN. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
18	202 – REMOVE STORM DRAIN INLET. CONTRACTOR SHALL SALVAGE FRAME AND GRATE AND DELIVER TO CITY SHOPS.
28	202 – REMOVE GUARD RAIL
32	REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS VIA GRINDING
33	REMOVE STOP BAR
34	REMOVE T-POST SIGN
35	REMOVE BOLLARD
105	210 – ADJUST STORM DRAIN INLET FRAME AND GRATE TO GRADE.

LEGEND	
	ASPHALT
	ASPHALT T-TOP
	CONCRETE
	CROSSWALK
	TEMPORARY CONSTRUCTION EASEMENT
	EASEMENT
	SIDEWALK EASEMENT
	LANDSCAPE EASEMENT

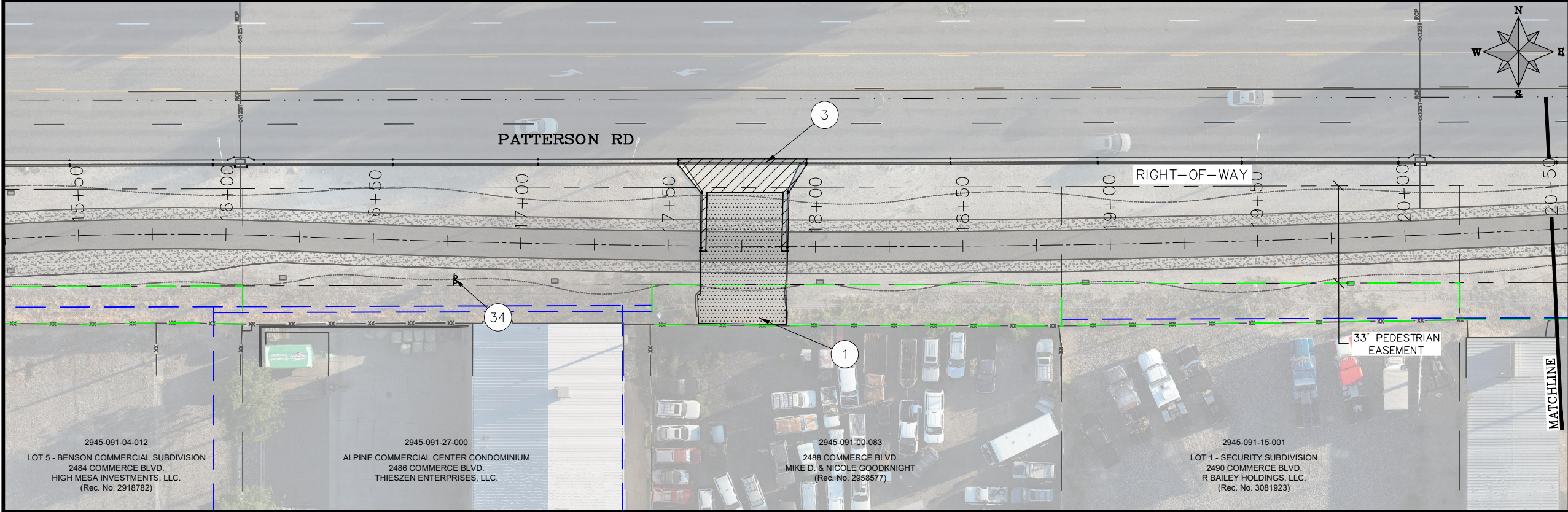
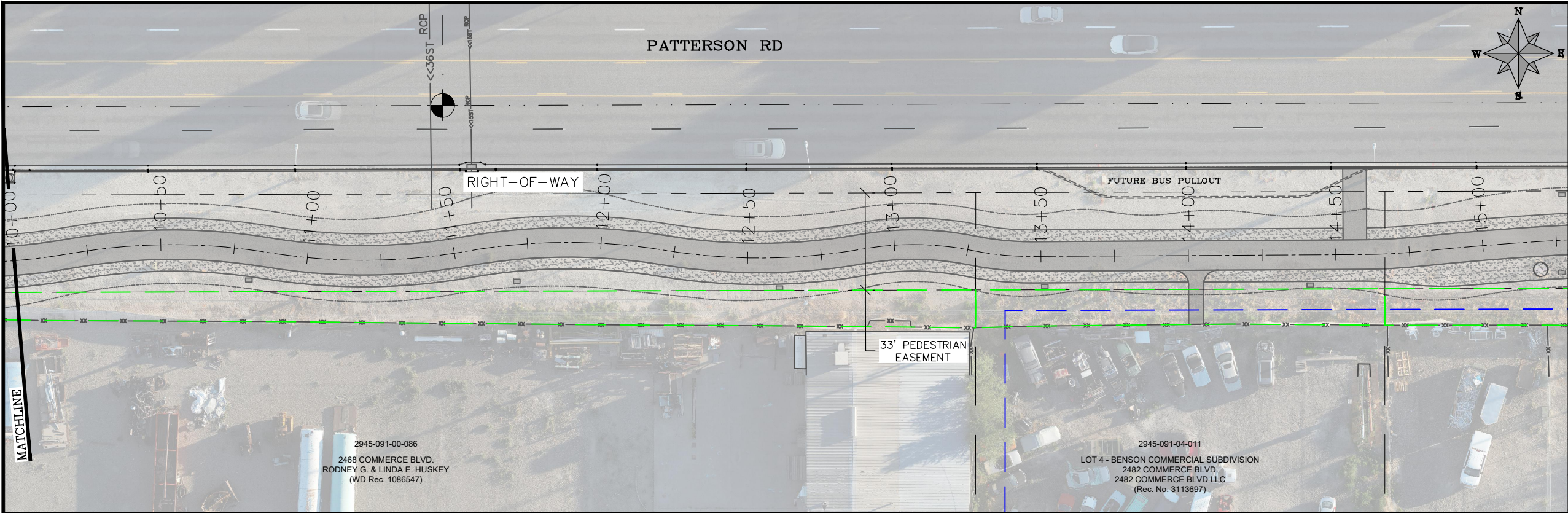
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REVISION			APPROVED BY	KH	DATE	2025



ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

PATTERSON SIDEWALK
REMOVAL PLAN – (R1)
November 20, 2025

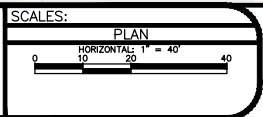
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CONSTRUCTION NOTES	
1	202 - REMOVAL OF ASPHALT MAT. CUT & REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
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33	REMOVE STOP BAR
34	REMOVE T-POST SIGN
35	REMOVE BOLLARD
105	210 - ADJUST STORM DRAIN INLET FRAME AND GRATE TO GRADE.

LEGEND	
	ASPHALT
	ASPHALT T-TOP
	CONCRETE
	CROSSWALK
	TEMPORARY CONSTRUCTION EASEMENT
	EASEMENT
	SIDEWALK EASEMENT
	LANDSCAPE EASEMENT

REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025
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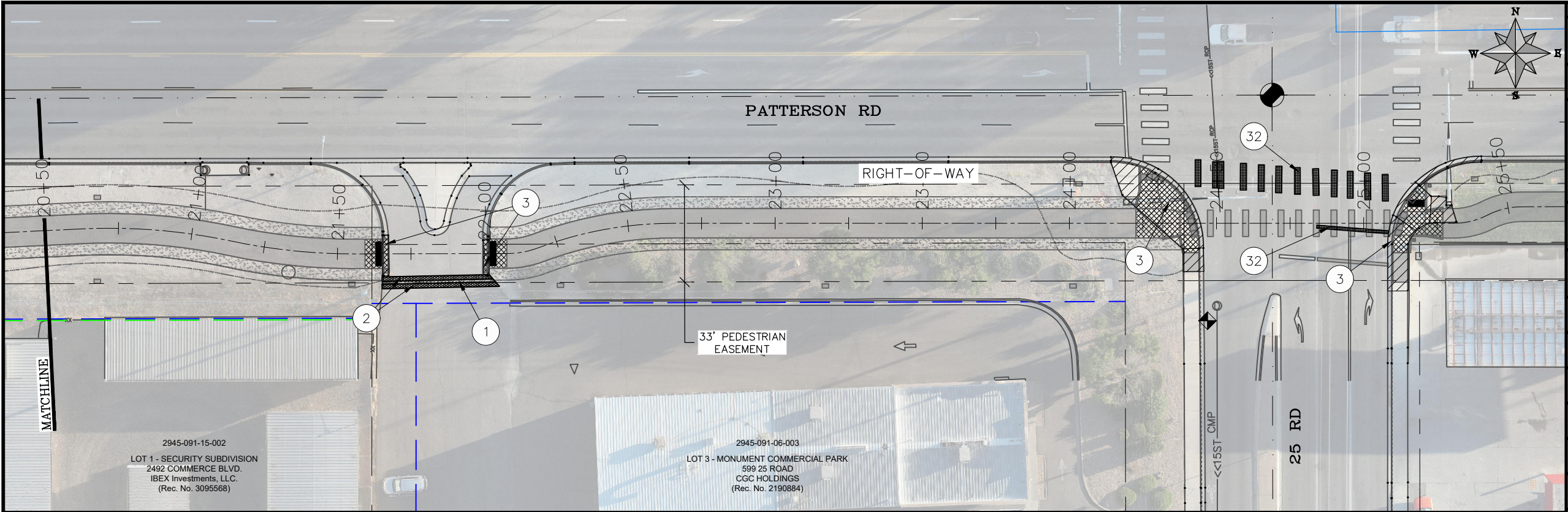
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PROJECT NO. C1012

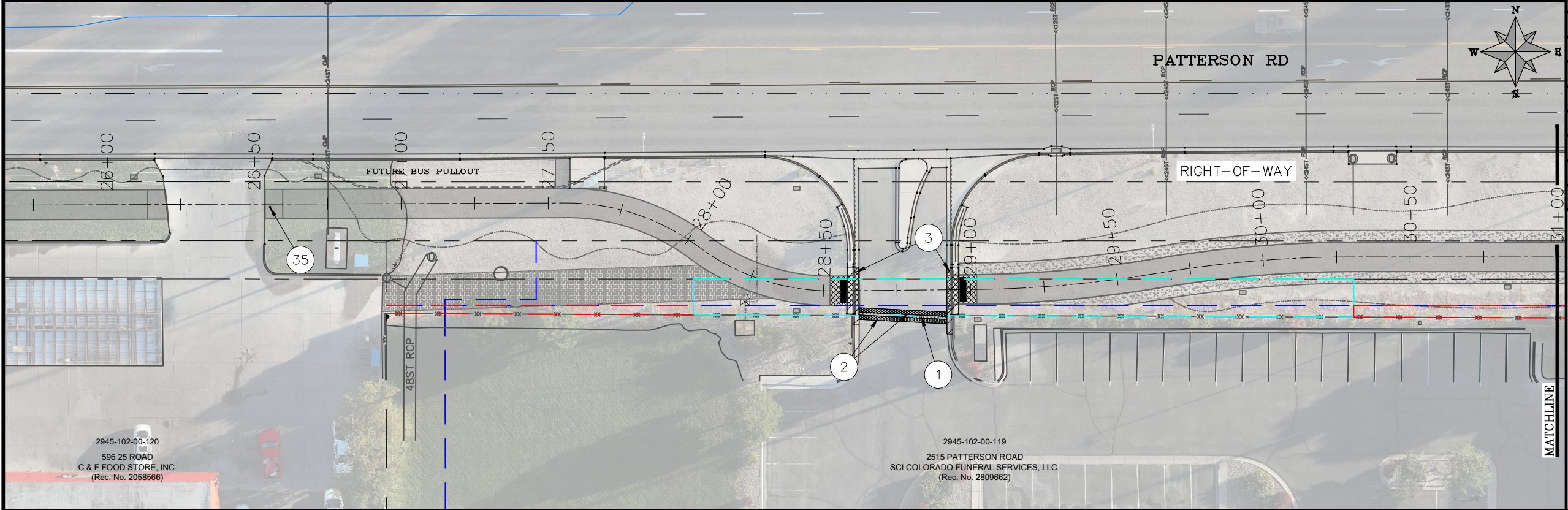
PATTERSON SIDEWALK
REMOVAL PLAN - (R2)

November 20, 2025

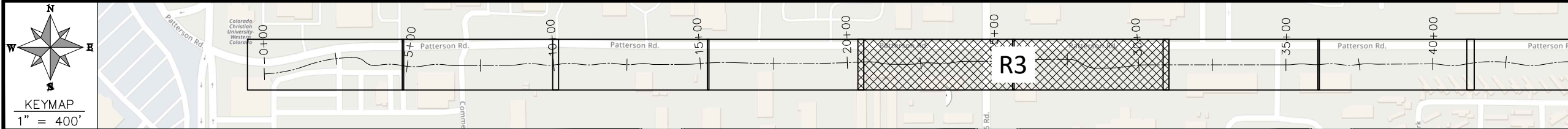
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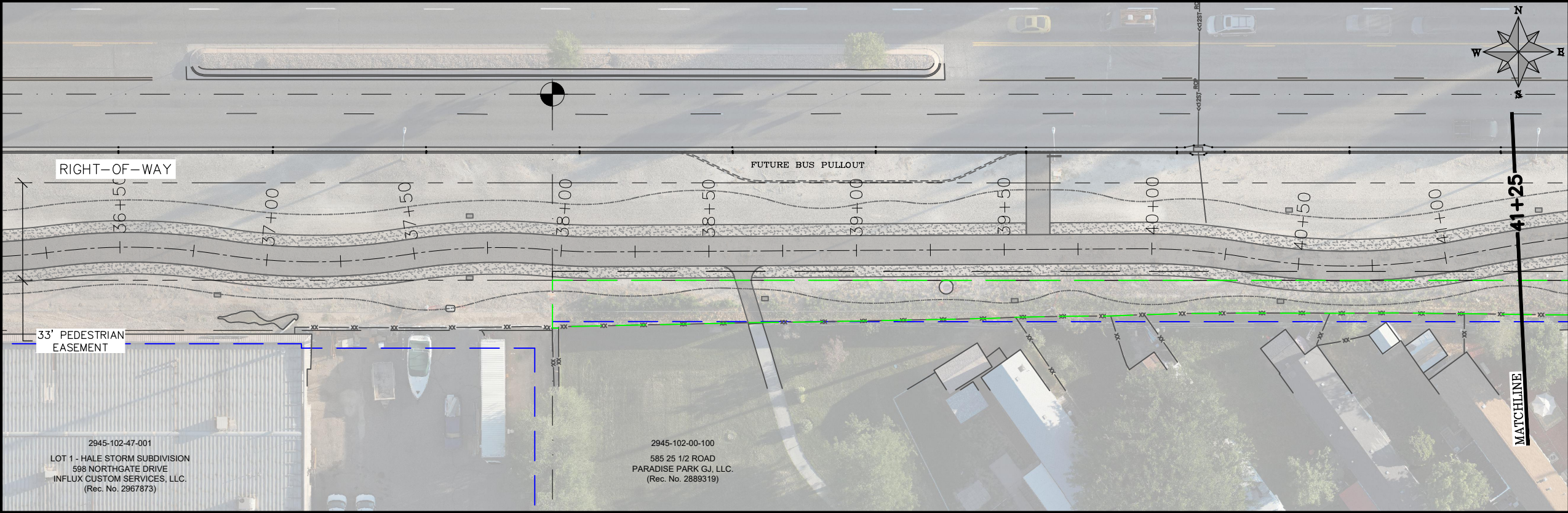
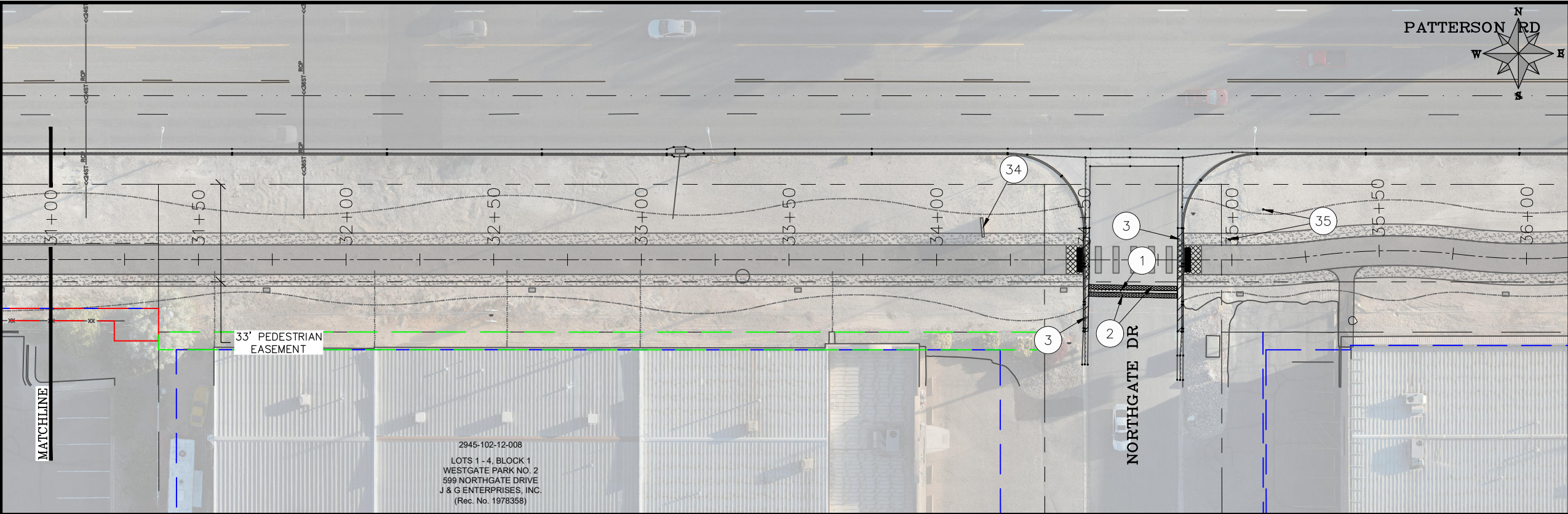
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32	REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS VIA GRINDING
33	REMOVE STOP BAR
34	REMOVE T-POST SIGN
35	REMOVE BOLLARD
105	210 - ADJUST STORM DRAIN INLET FRAME AND GRATE TO GRADE.



LEGEND	
	ASPHALT
	ASPHALT T-TOP
	CONCRETE
	CROSSWALK
	TEMPORARY CONSTRUCTION EASEMENT
	EASEMENT
	SIDEWALK EASEMENT
	LANDSCAPE EASEMENT



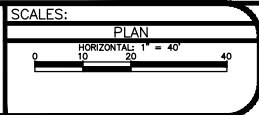
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REVISION			DESIGNED BY KH	DATE 2025						
REVISION			CHECKED BY KH	DATE 2025						
REVISION			APPROVED BY KH	DATE 2025						



CONSTRUCTION NOTES	
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105	210 - ADJUST STORM DRAIN INLET FRAME AND GRATE TO GRADE.

LEGEND	
	ASPHALT
	ASPHALT T-TOP
	CONCRETE
	CROSSWALK
	TEMPORARY CONSTRUCTION EASEMENT
	EASEMENT
	SIDEWALK EASEMENT
	LANDSCAPE EASEMENT

REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025
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REVISION			APPROVED BY	KH	DATE	2025

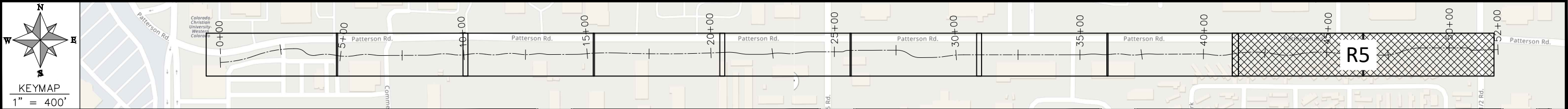
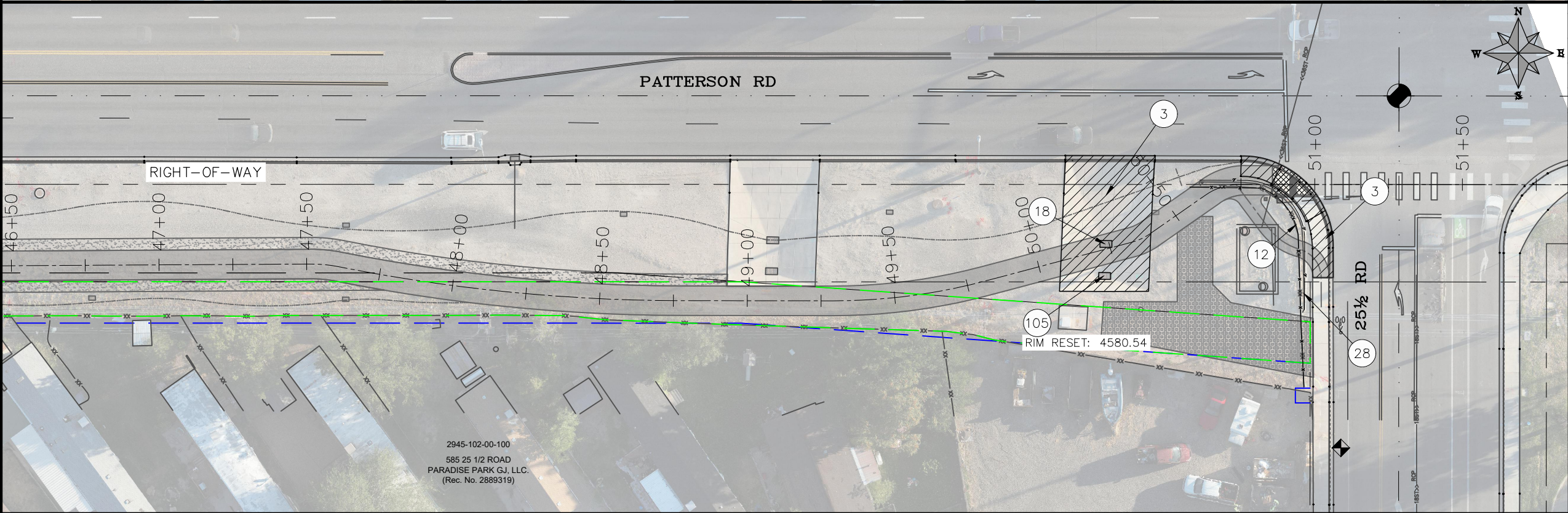
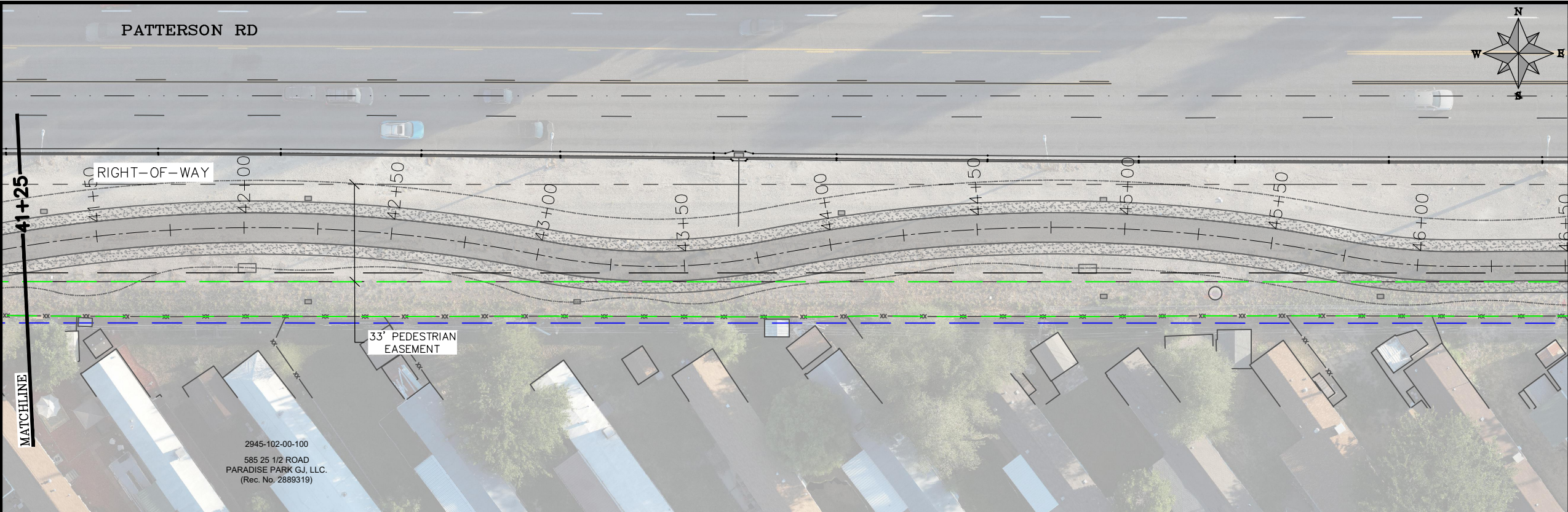


ENGINEERING AND
TRANSPORTATION DEPARTMENT

PROJECT NO. C1012

PATTERSON SIDEWALK
REMOVAL PLAN - (R4)

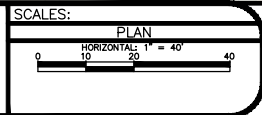
November 20, 2025



CONSTRUCTION NOTES	
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LEGEND	
	ASPHALT
	ASPHALT T-TOP
	CONCRETE
	CROSSWALK
	TEMPORARY CONSTRUCTION EASEMENT
	EASEMENT
	SIDEWALK EASEMENT
	LANDSCAPE EASEMENT

REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025
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REVISION			APPROVED BY	KH	DATE	2025



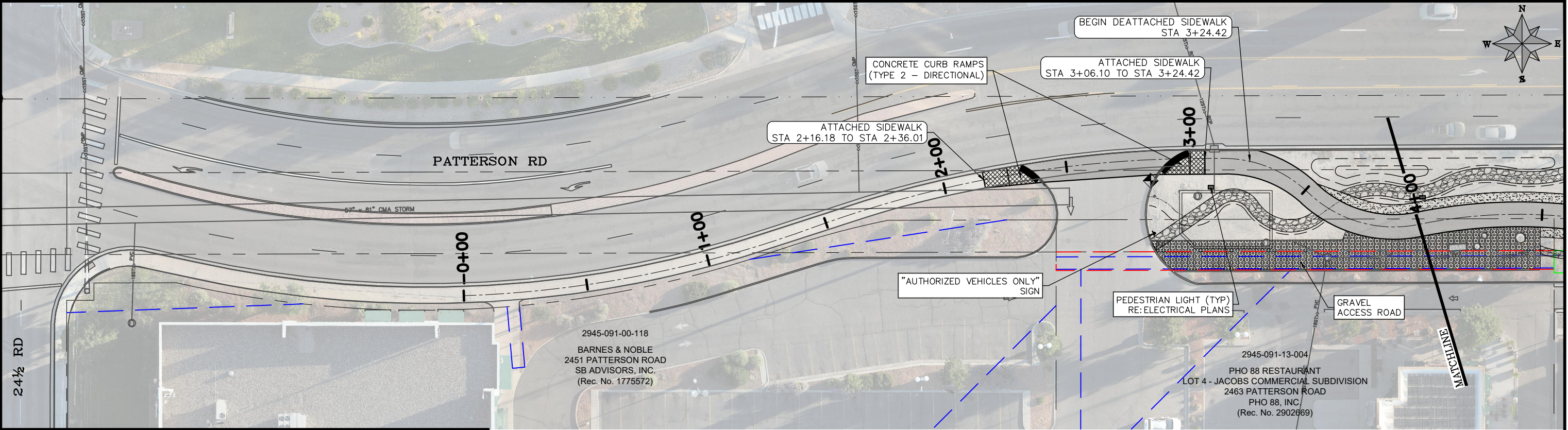
ENGINEERING AND
TRANSPORTATION DEPARTMENT

PROJECT NO. C1012

PATTERSON SIDEWALK
REMOVAL PLAN - (R5)

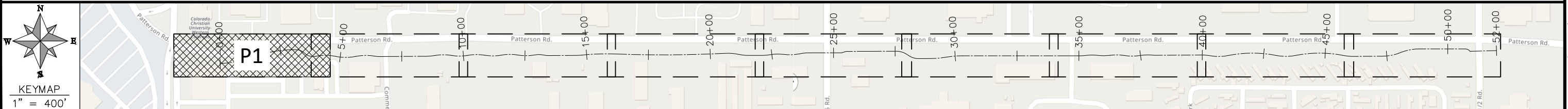
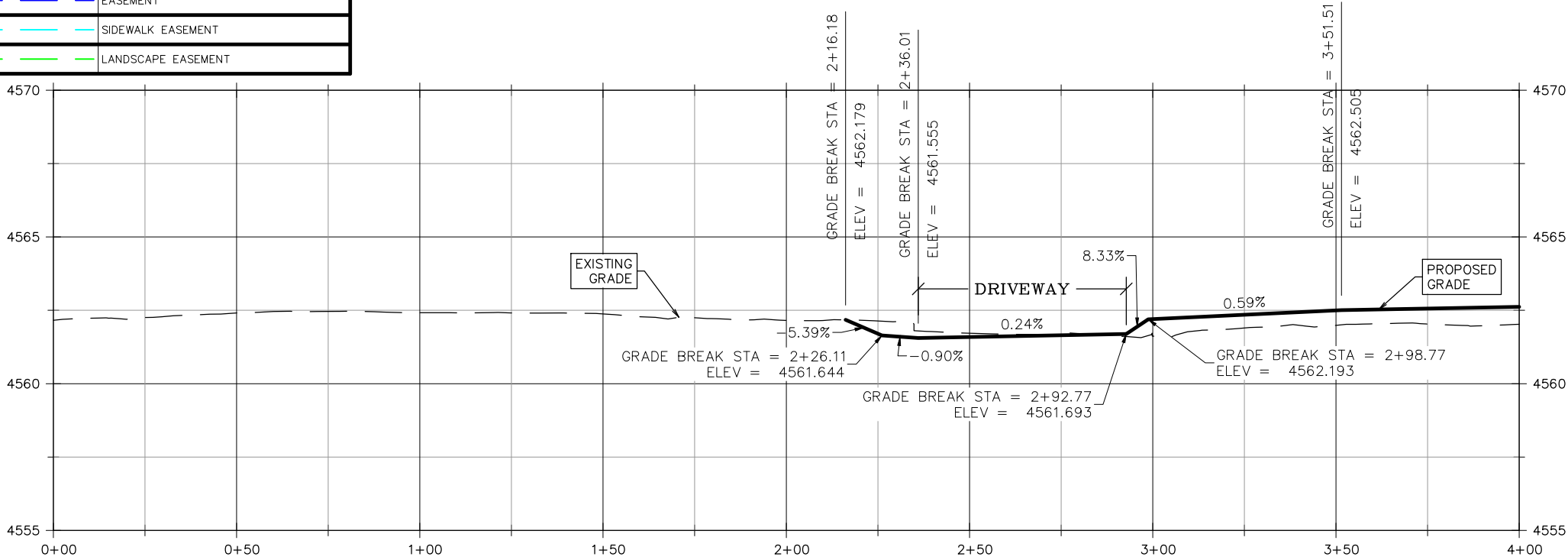
November 20, 2025

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LEGEND			
	ASPHALT		GRAVEL SHOULDER
	CONCRETE RAMP		GRAVEL ACCESS ROAD
	CONCRETE		
	TEMPORARY CONSTRUCTION EASEMENT		EASEMENT
			SIDEWALK EASEMENT
			LANDSCAPE EASEMENT

CONTRACTOR TO VERIFY EXISTING
FLOWLINE ELEVATION AT TIE-IN
LOCATIONS PRIOR TO CONSTRUCTION



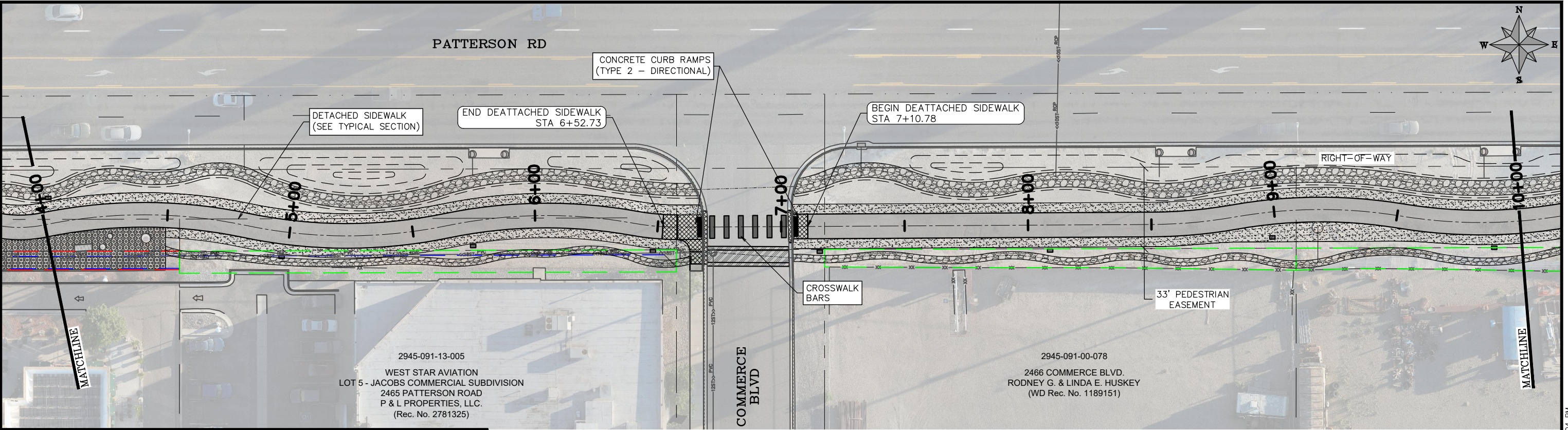
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SCALES:	
PLAN & PROFILE	
HORIZONTAL	1" = 40'
VERTICAL	1" = 5'

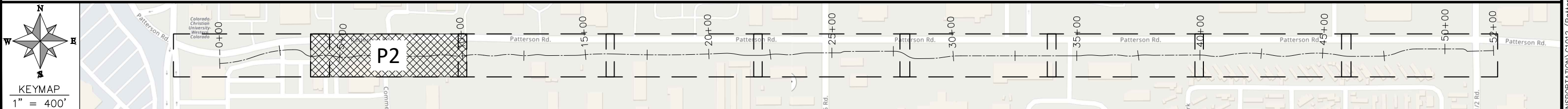
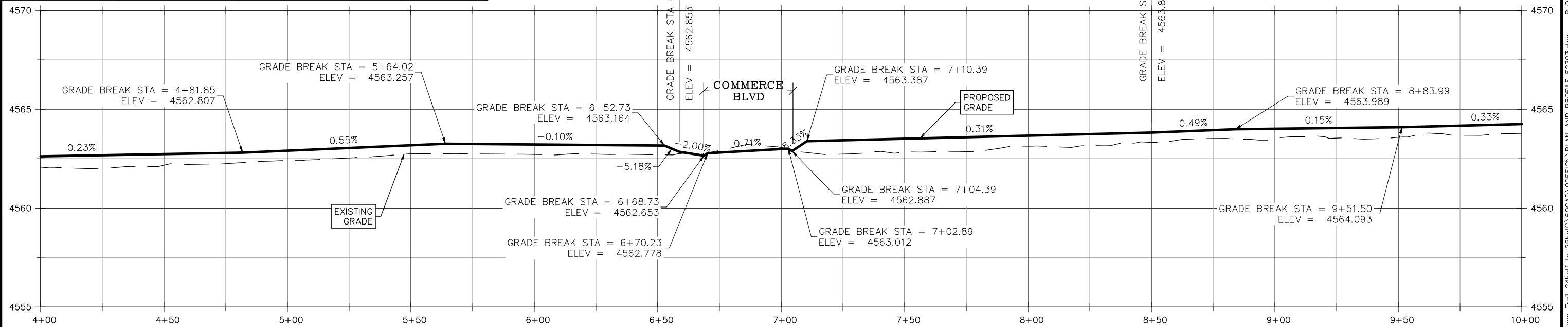


ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

PATTERSON SIDEWALK
PLAN AND PROFILE - (P1)
November 20, 2025



LEGEND			
	ASPHALT		GRAVEL SHOULDER
	CONCRETE RAMP		GRAVEL ACCESS ROAD
	CONCRETE		
	TEMPORARY CONSTRUCTION EASEMENT		EASEMENT
			SIDEWALK EASEMENT
			LANDSCAPE EASEMENT



REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025
REVISION			DESIGNED BY	KH	DATE	2025
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REVISION			APPROVED BY	KH	DATE	2025

SCALES:

PLAN & PROFILE

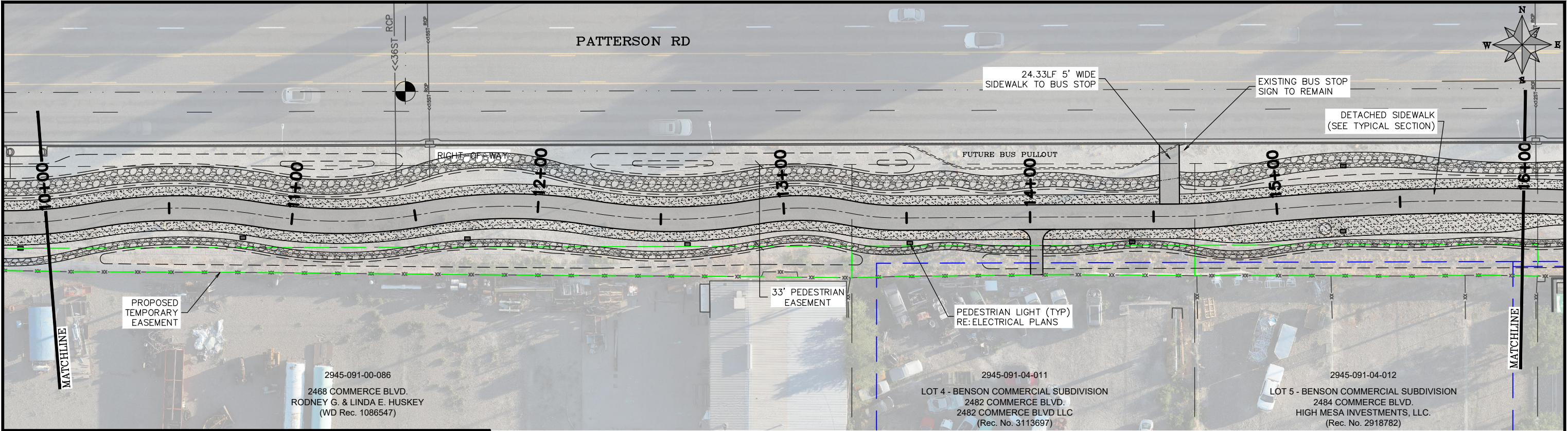
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VERTICAL 1" = 5'



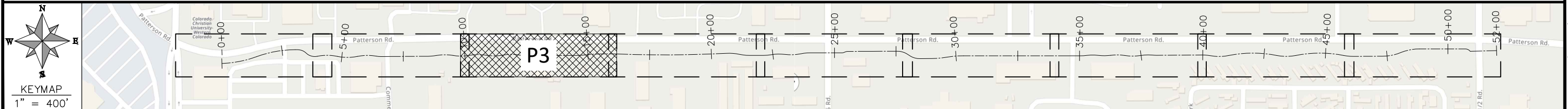
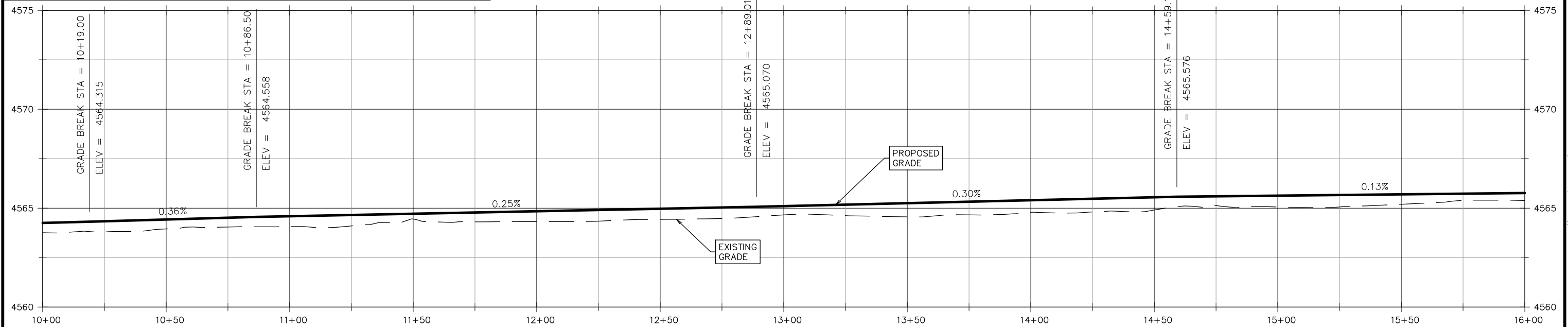
ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

PATTERSON SIDEWALK
PLAN AND PROFILE - (P2)
November 20, 2025



LEGEND			
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	CONCRETE RAMP		GRAVEL ACCESS ROAD
	CONCRETE		
	TEMPORARY CONSTRUCTION EASEMENT		EASEMENT
	SIDEWALK EASEMENT		LANDSCAPE EASEMENT

CONTRACTOR TO VERIFY EXISTING
FLOWLINE ELEVATION AT TIE-IN
LOCATIONS PRIOR TO CONSTRUCTION



REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025
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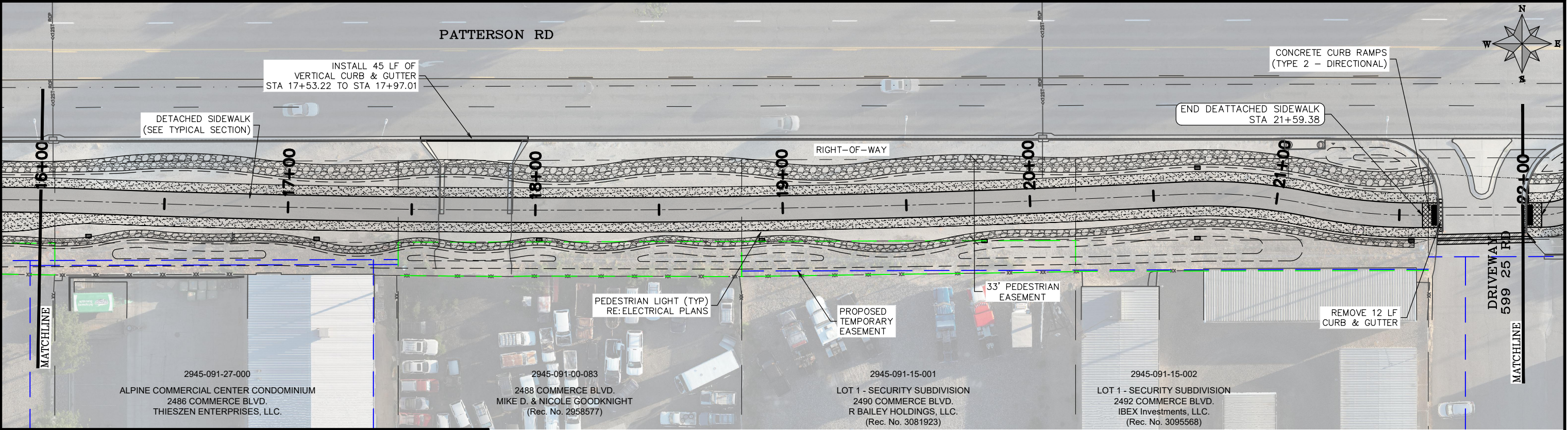
SCALES:	
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HORIZONTAL 1" = 40'	
VERTICAL 1" = 5'	



ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

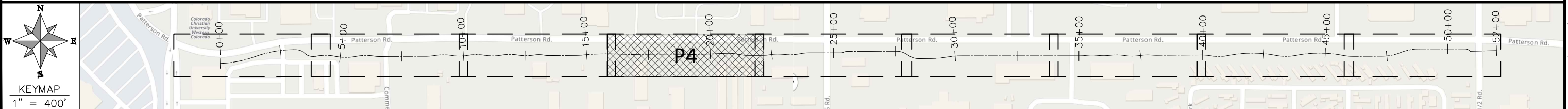
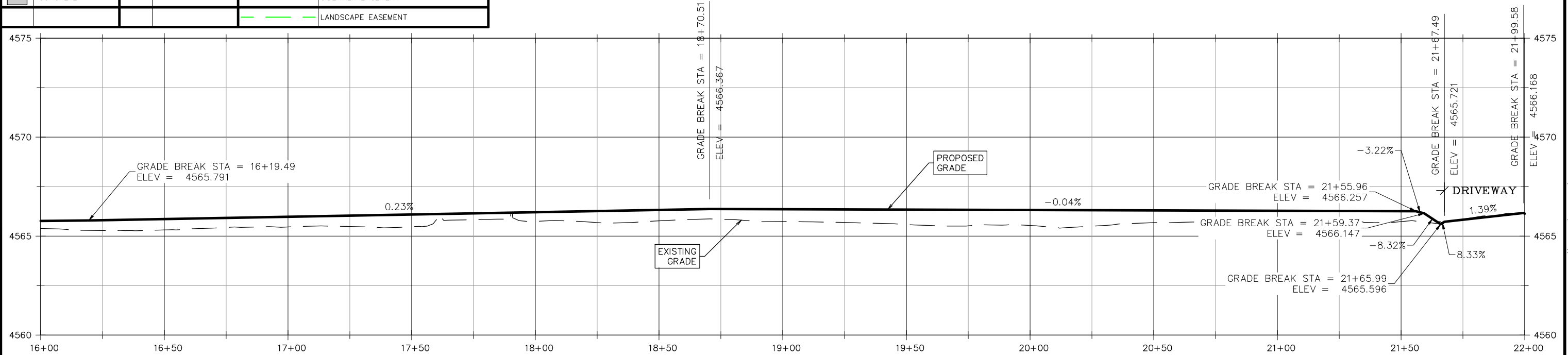
PATTERSON SIDEWALK
PLAN AND PROFILE - (P3)
November 20, 2025

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LEGEND			
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	CONCRETE RAMP		GRAVEL ACCESS ROAD
	CONCRETE		
	TEMPORARY CONSTRUCTION EASEMENT		EASEMENT
			SIDEWALK EASEMENT
			LANDSCAPE EASEMENT

CONTRACTOR TO VERIFY EXISTING
FLOWLINE ELEVATION AT TIE-IN
LOCATIONS PRIOR TO CONSTRUCTION



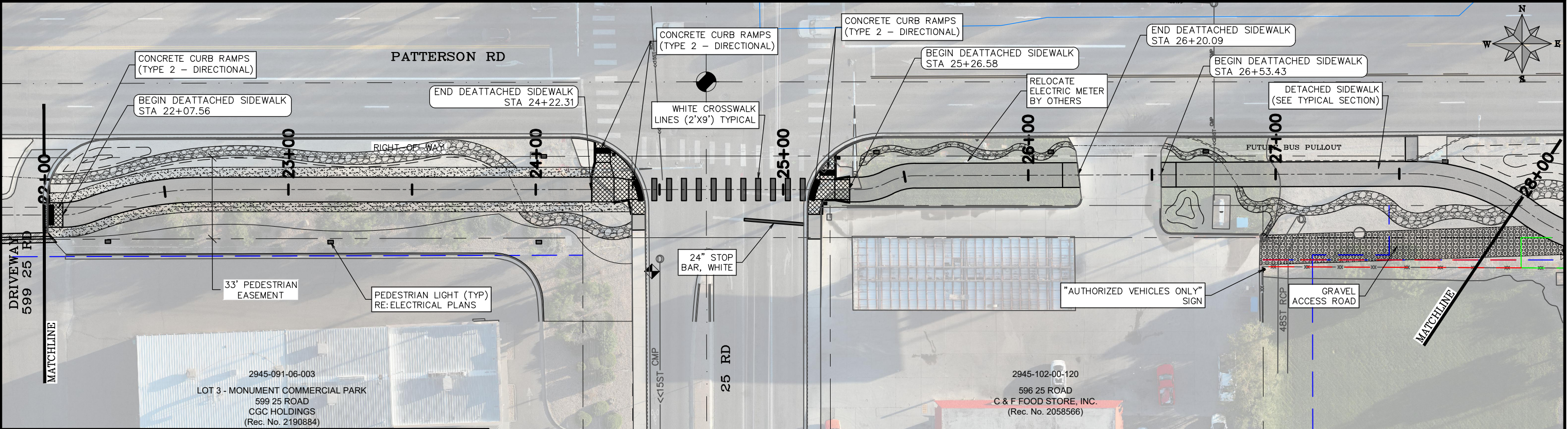
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SCALES:	
PLAN & PROFILE	
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VERTICAL 1" = 5'	



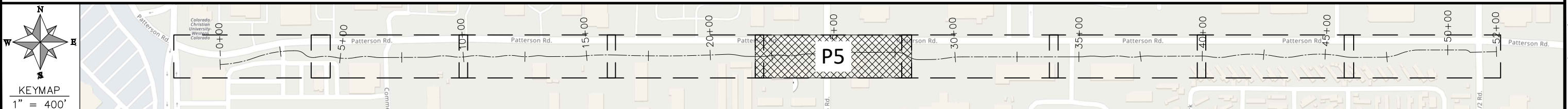
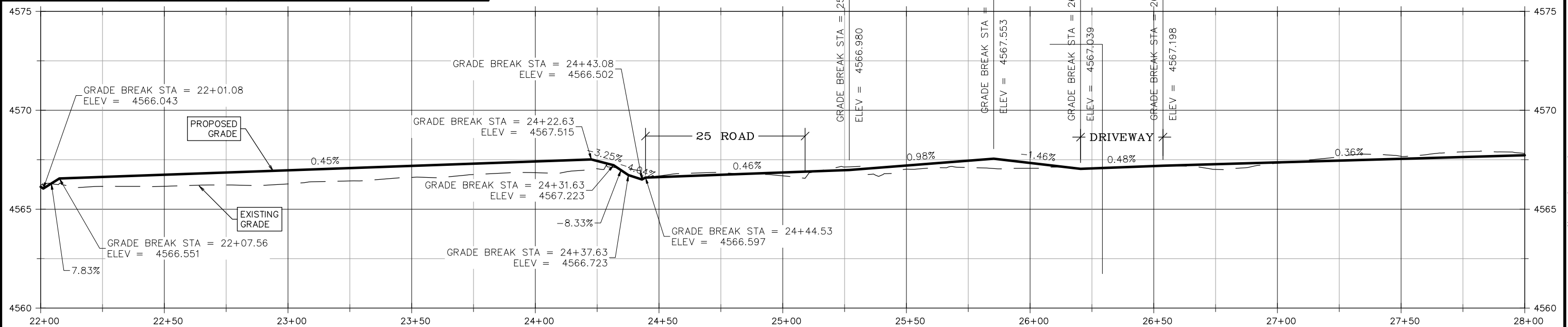
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TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

PATTERSON SIDEWALK
PLAN AND PROFILE - (P4)
November 20, 2025

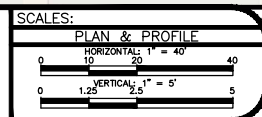


LEGEND			
	ASPHALT		GRAVEL SHOULDER
	CONCRETE RAMP		GRAVEL ACCESS ROAD
	CONCRETE		
	TEMPORARY CONSTRUCTION EASEMENT		EASEMENT
			SIDEWALK EASEMENT
			LANDSCAPE EASEMENT

CONTRACTOR TO VERIFY EXISTING
FLOWLINE ELEVATION AT TIE-IN
LOCATIONS PRIOR TO CONSTRUCTION



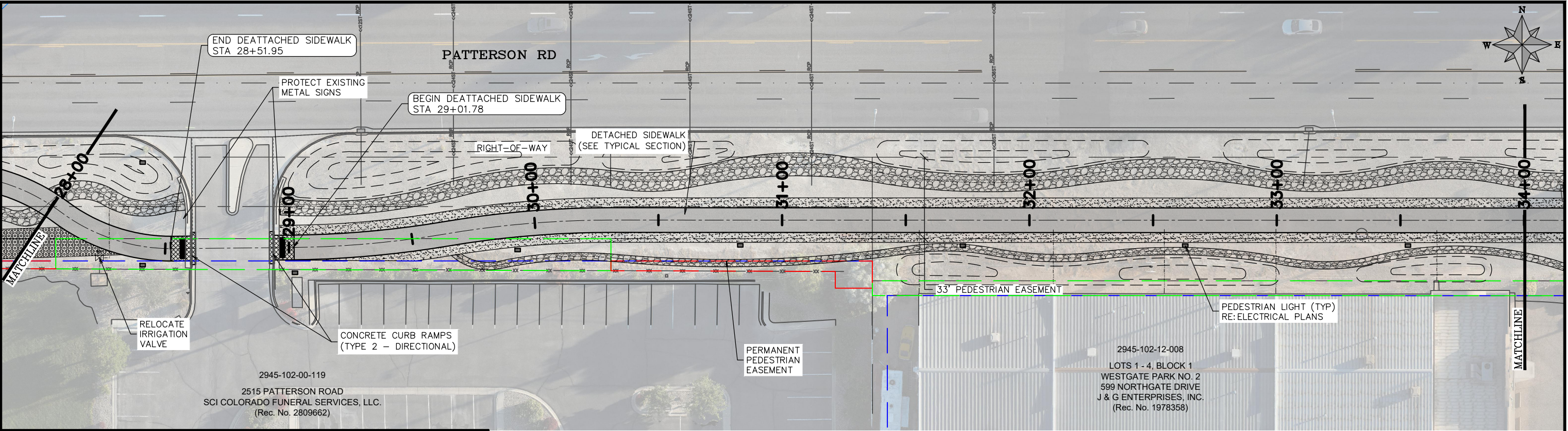
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ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

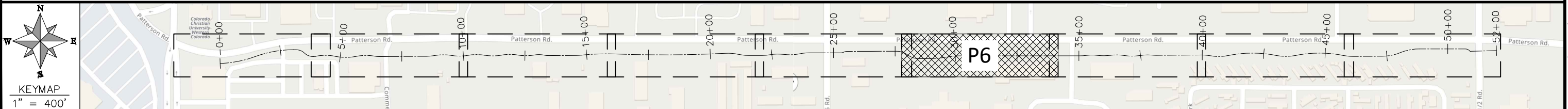
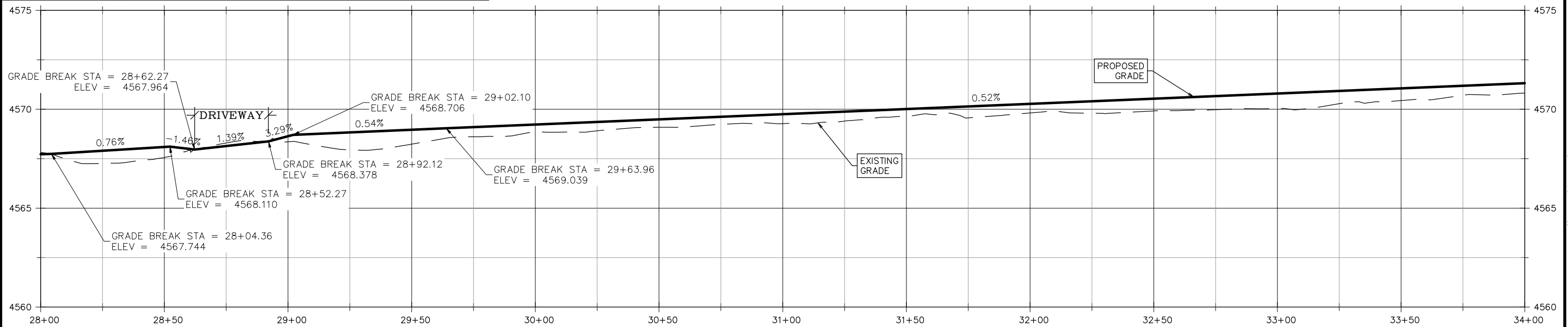
PATTERSON SIDEWALK
PLAN AND PROFILE - (P5)
November 20, 2025

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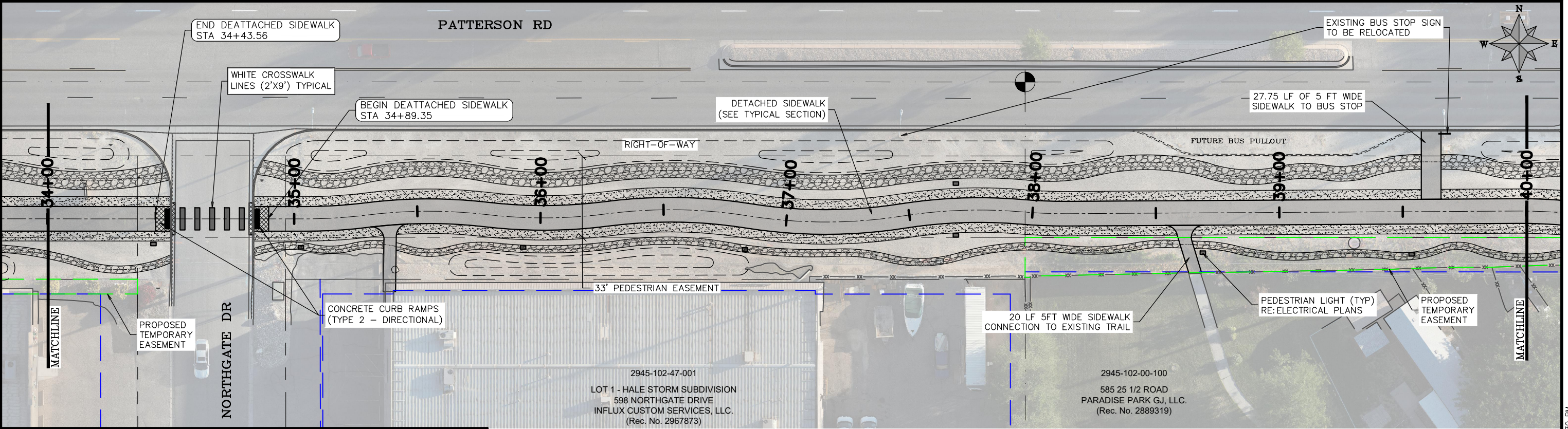
LEGEND			
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	CONCRETE RAMP		GRAVEL ACCESS ROAD
	CONCRETE		
	TEMPORARY CONSTRUCTION EASEMENT		EASEMENT
			SIDEWALK EASEMENT
			LANDSCAPE EASEMENT

CONTRACTOR TO VERIFY EXISTING
FLOWLINE ELEVATION AT TIE-IN
LOCATIONS PRIOR TO CONSTRUCTION



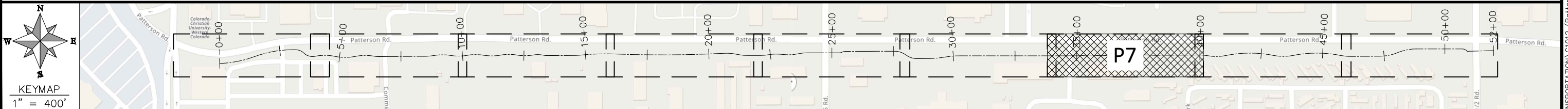
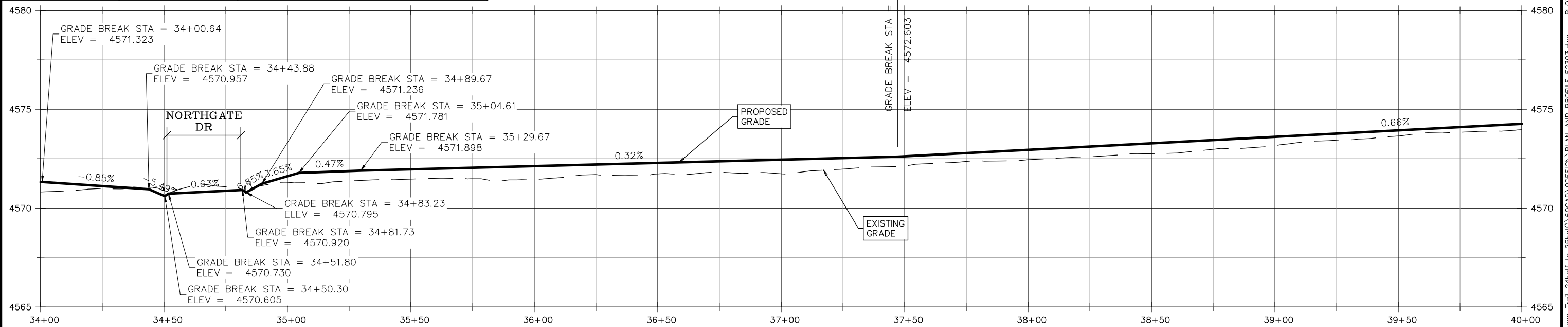
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REVISION			DESIGNED BY KH	DATE 2025					
REVISION			CHECKED BY KH	DATE 2025					
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LEGEND			
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	CONCRETE RAMP		GRAVEL ACCESS ROAD
	CONCRETE		
	TEMPORARY CONSTRUCTION EASEMENT		EASEMENT
			SIDEWALK EASEMENT
			LANDSCAPE EASEMENT

CONTRACTOR TO VERIFY EXISTING
FLOWLINE ELEVATION AT TIE-IN
LOCATIONS PRIOR TO CONSTRUCTION



REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025
REVISION			DESIGNED BY	KH	DATE	2025
REVISION			CHECKED BY	KH	DATE	2025
REVISION			APPROVED BY	KH	DATE	2025

SCALES:	
PLAN & PROFILE	
HORIZONTAL 1" = 40'	
VERTICAL 1" = 5'	

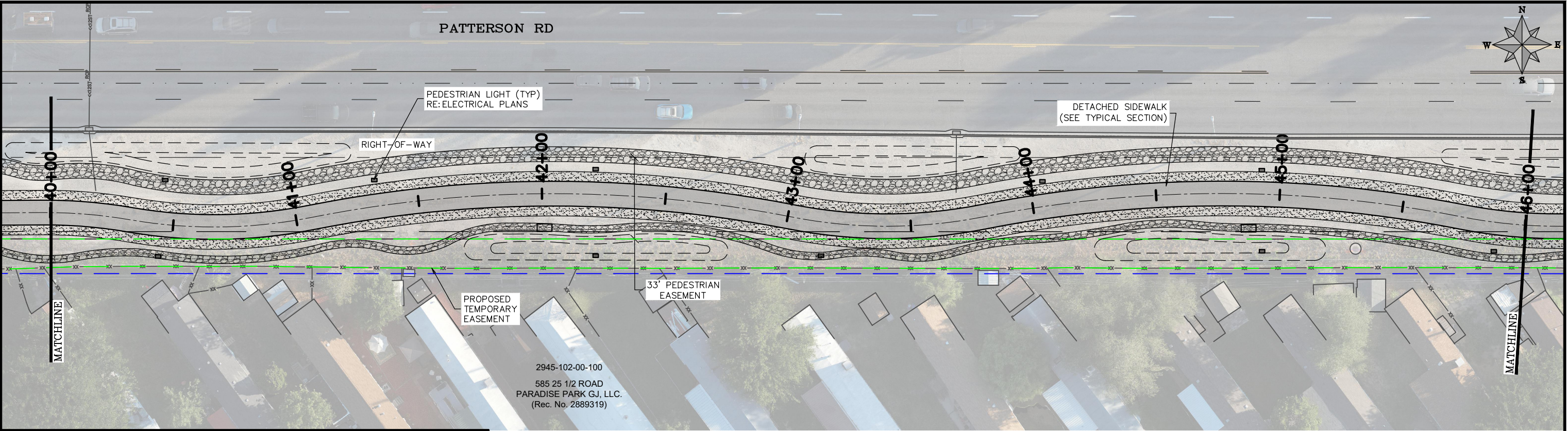


ENGINEERING AND
TRANSPORTATION DEPARTMENT

PROJECT NO. C1012

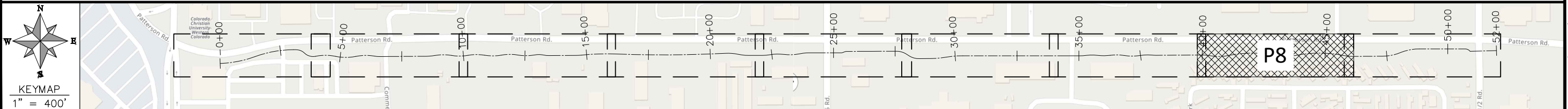
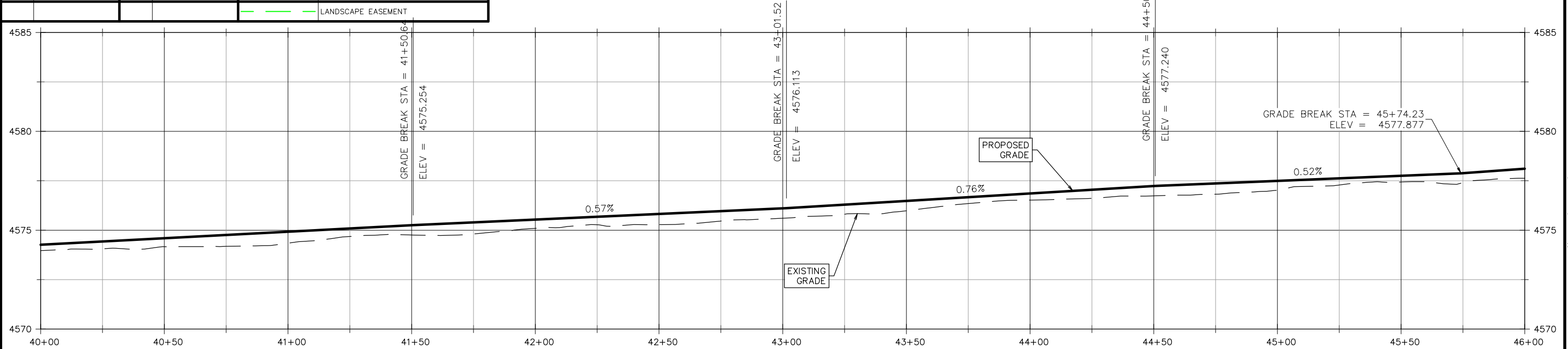
PATTERSON SIDEWALK
PLAN AND PROFILE - (P7)

November 20, 2025

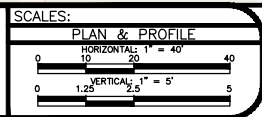


LEGEND			
	ASPHALT		GRAVEL SHOULDER
	CONCRETE RAMP		GRAVEL ACCESS ROAD
	CONCRETE		
	TEMPORARY CONSTRUCTION EASEMENT		EASEMENT
			SIDEWALK EASEMENT
			LANDSCAPE EASEMENT

CONTRACTOR TO VERIFY EXISTING
FLOWLINE ELEVATION AT TIE-IN
LOCATIONS PRIOR TO CONSTRUCTION



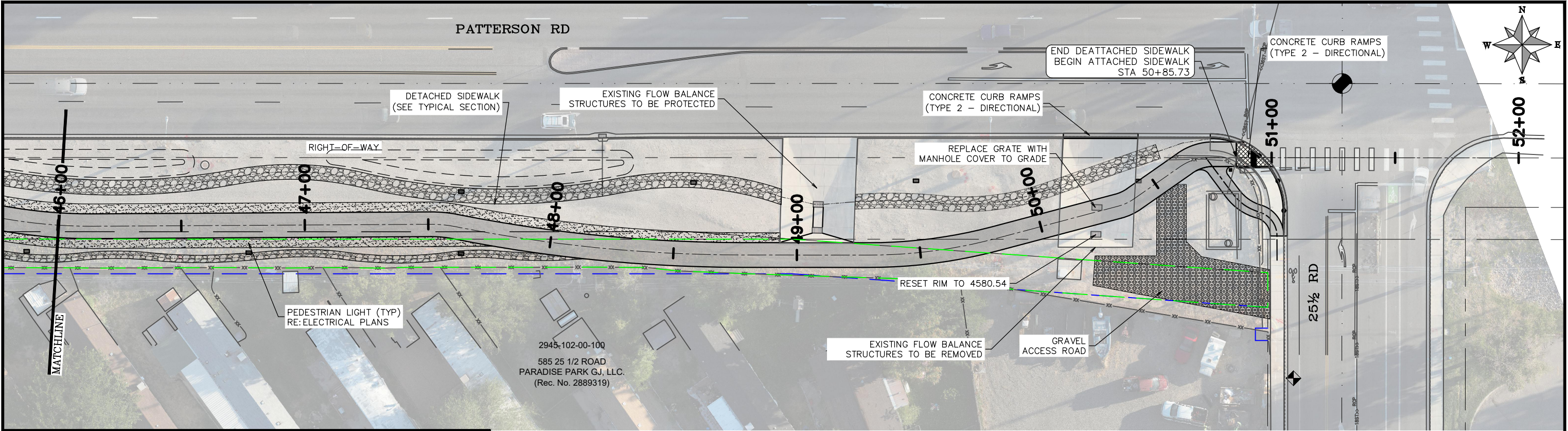
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REVISION			DESIGNED BY	KH	DATE	2025
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REVISION			APPROVED BY	KH	DATE	2025



ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

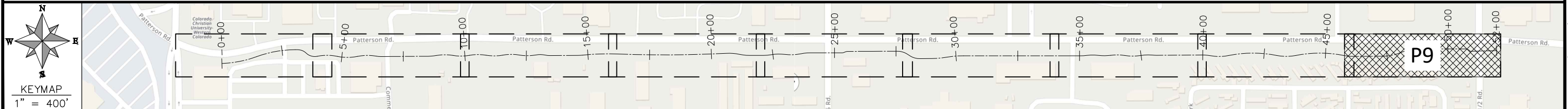
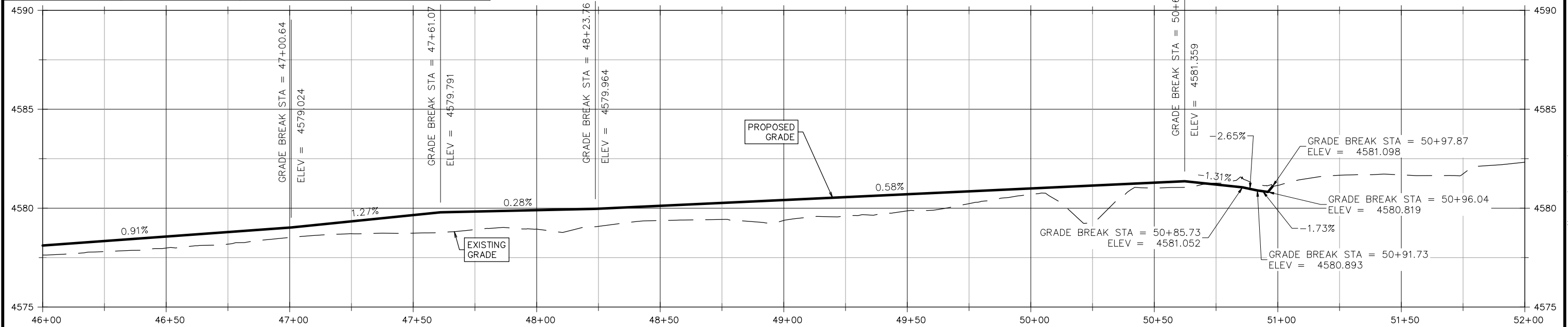
PATTERSON SIDEWALK
PLAN AND PROFILE - (P8)
November 20, 2025

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LEGEND			
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	CONCRETE RAMP		GRAVEL ACCESS ROAD
	CONCRETE		
	TEMPORARY CONSTRUCTION EASEMENT		EASEMENT
	SIDEWALK EASEMENT		LANDSCAPE EASEMENT

CONTRACTOR TO VERIFY EXISTING FLOWLINE ELEVATION AT TIE-IN LOCATIONS PRIOR TO CONSTRUCTION



REVISION	DESCRIPTION	DATE

DRAWN BY	HMC	DATE	2025
DESIGNED BY	KH	DATE	2025
CHECKED BY	KH	DATE	2025
APPROVED BY	KH	DATE	2025

SCALES:

PLAN & PROFILE

HORIZONTAL 1" = 40'

VERTICAL 1" = 5'

CITY OF
Grand Junction
COLORADO

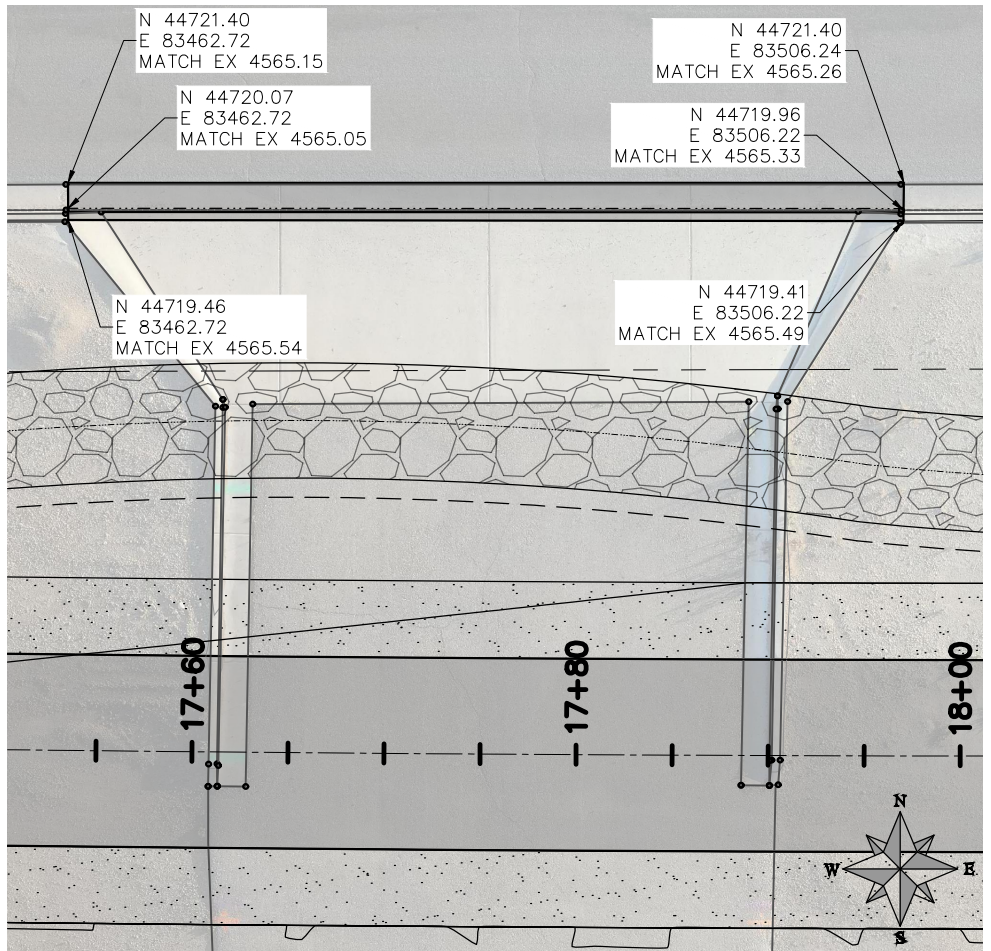
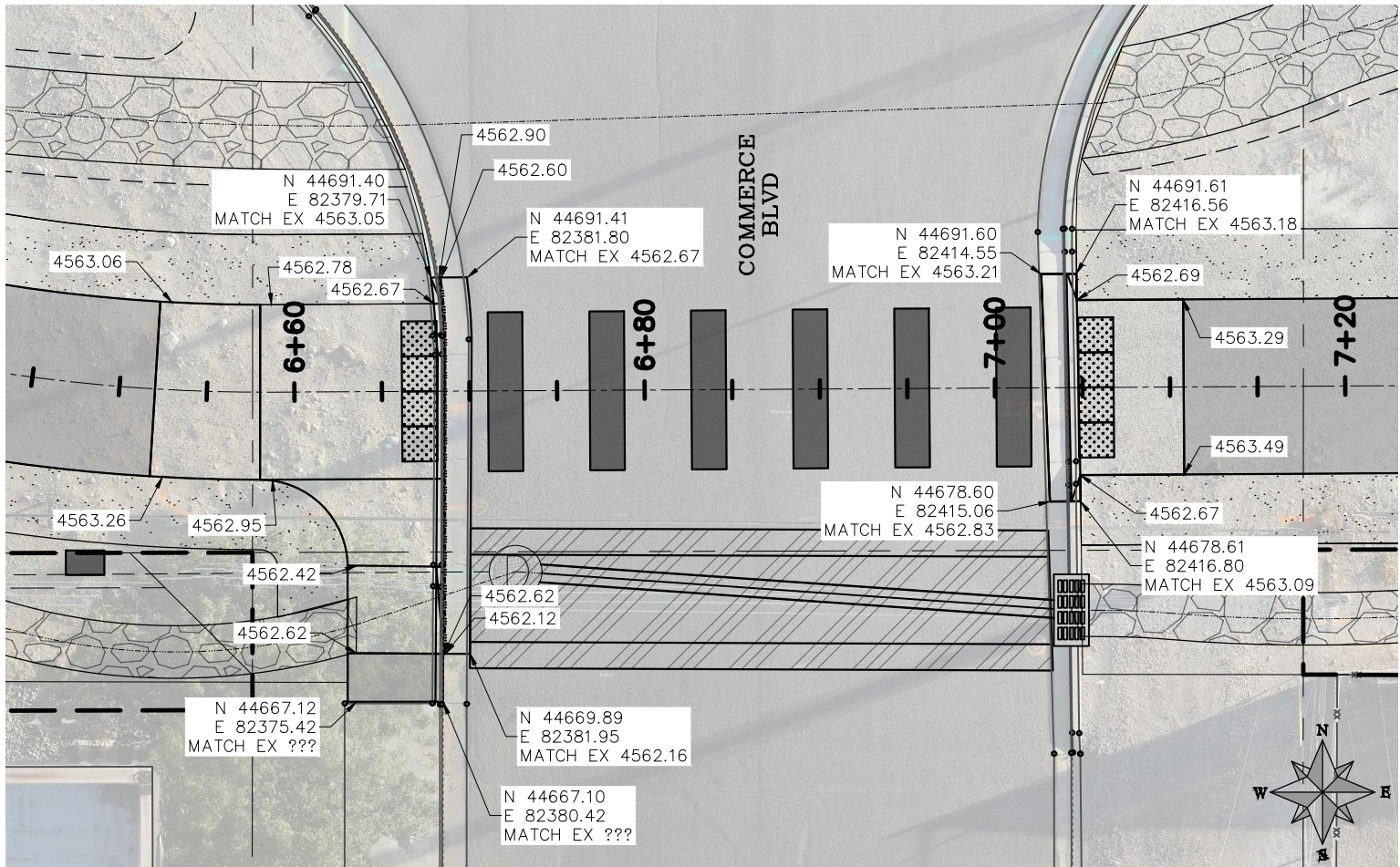
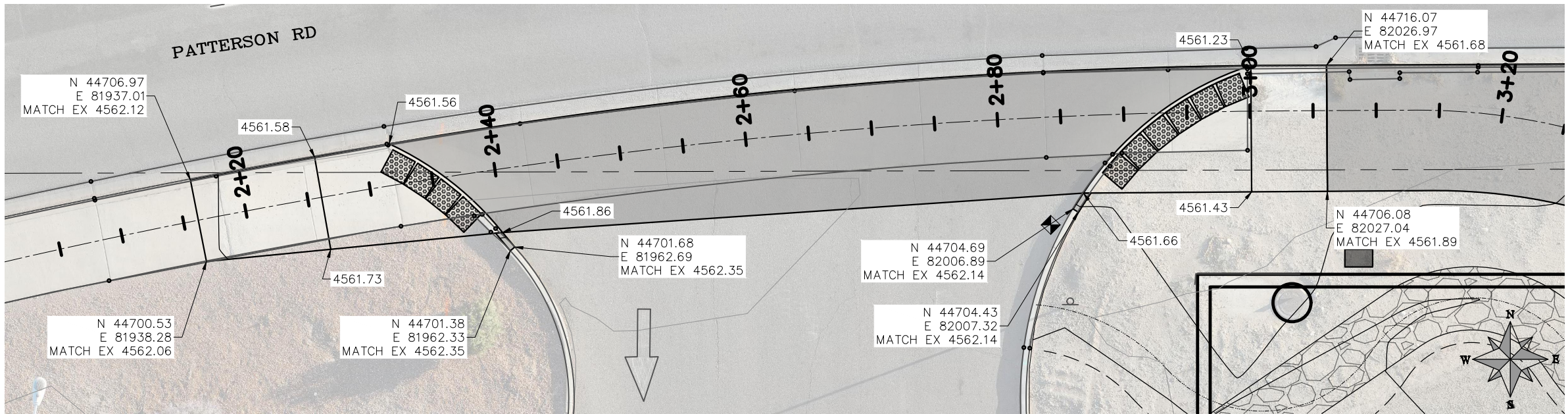
ENGINEERING AND
TRANSPORTATION DEPARTMENT

PROJECT NO. C1012

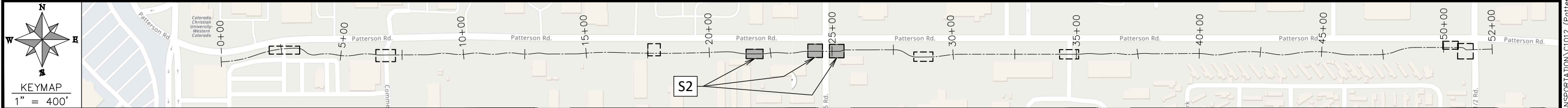
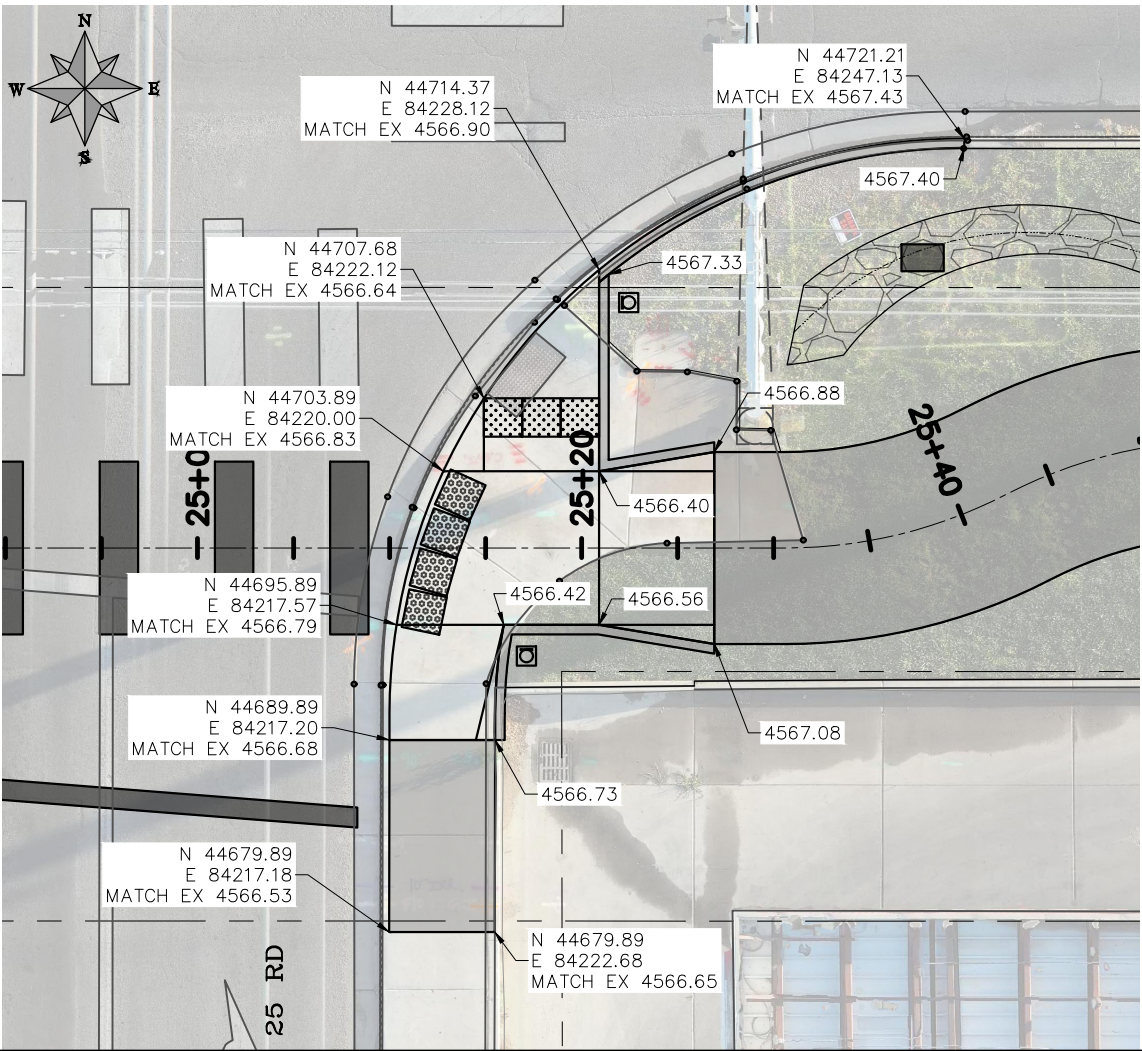
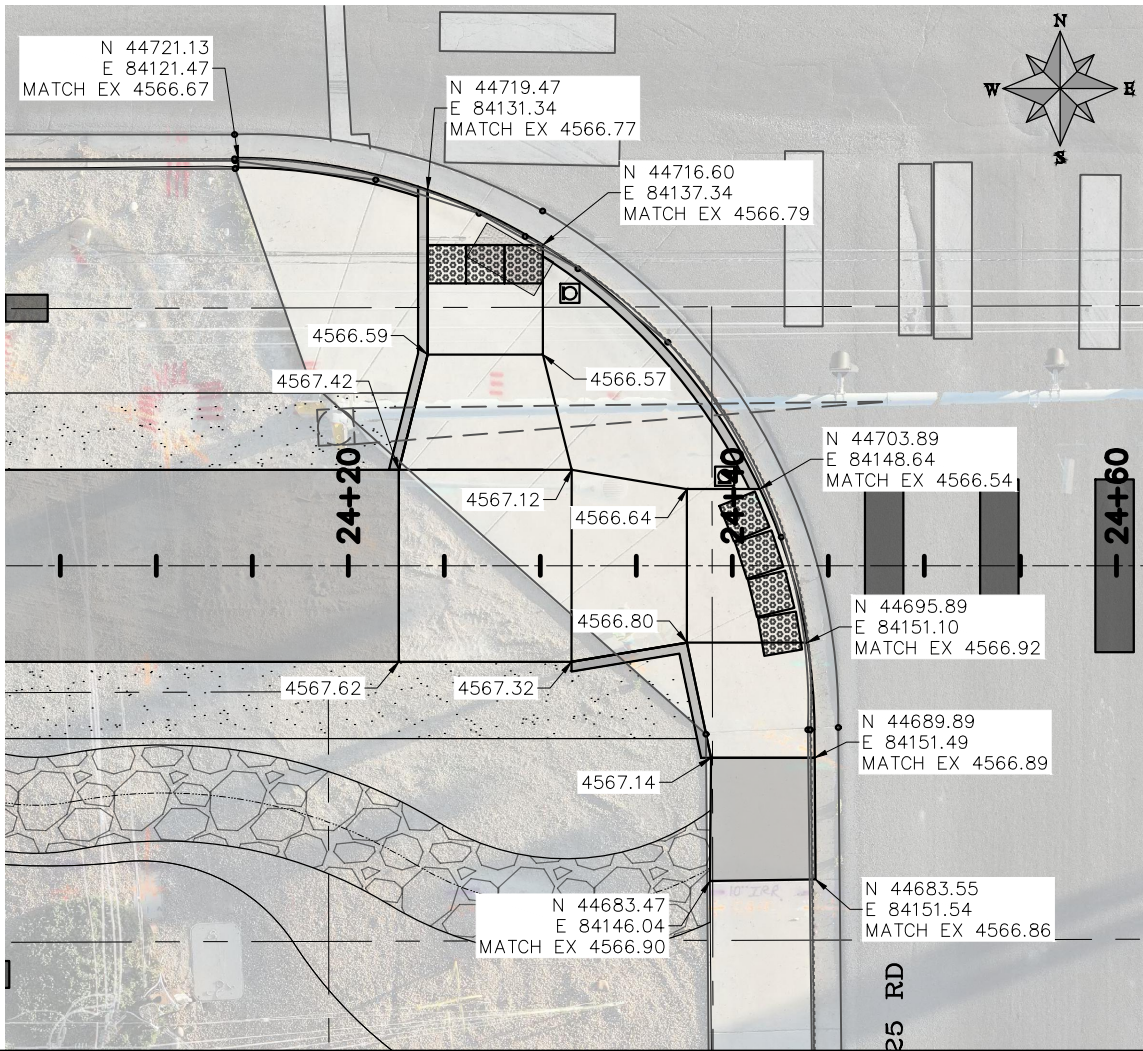
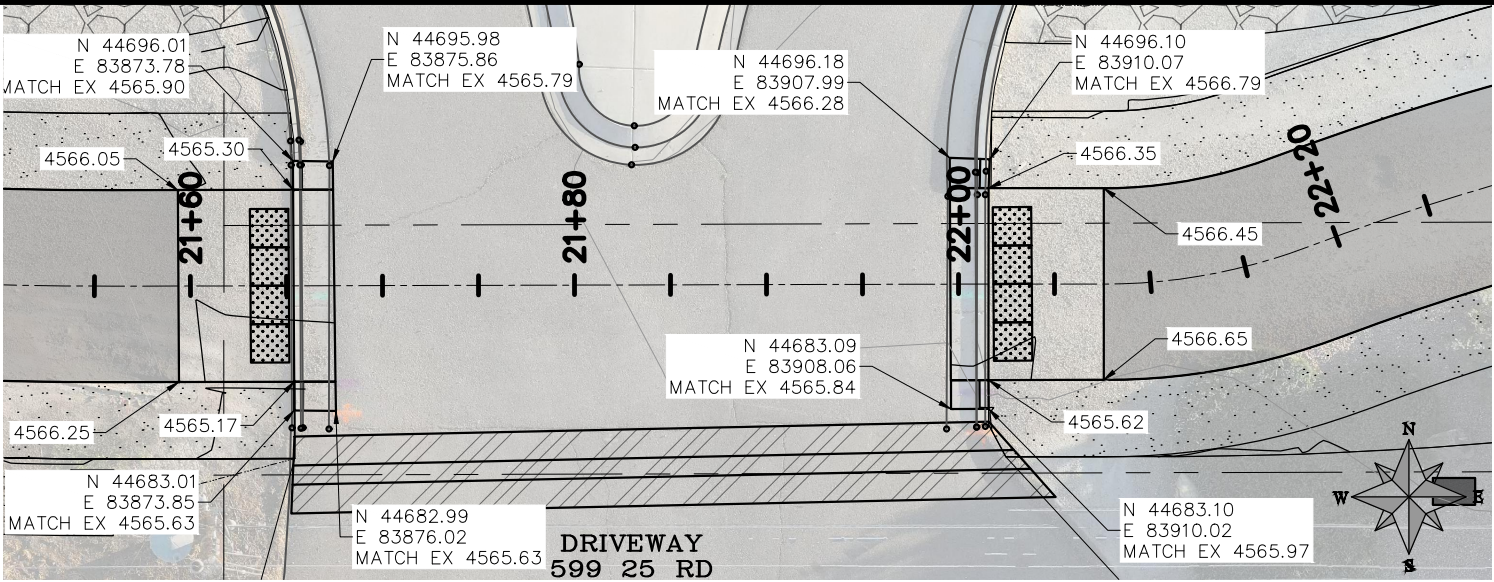
PATTERSON SIDEWALK
PLAN AND PROFILE – (P9)

November 20, 2025

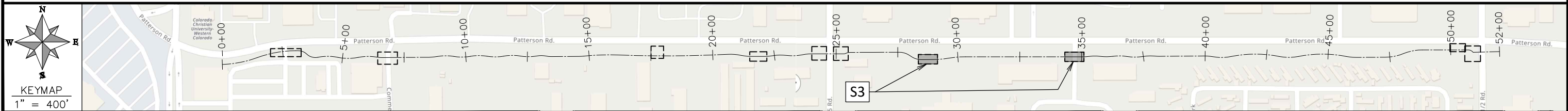
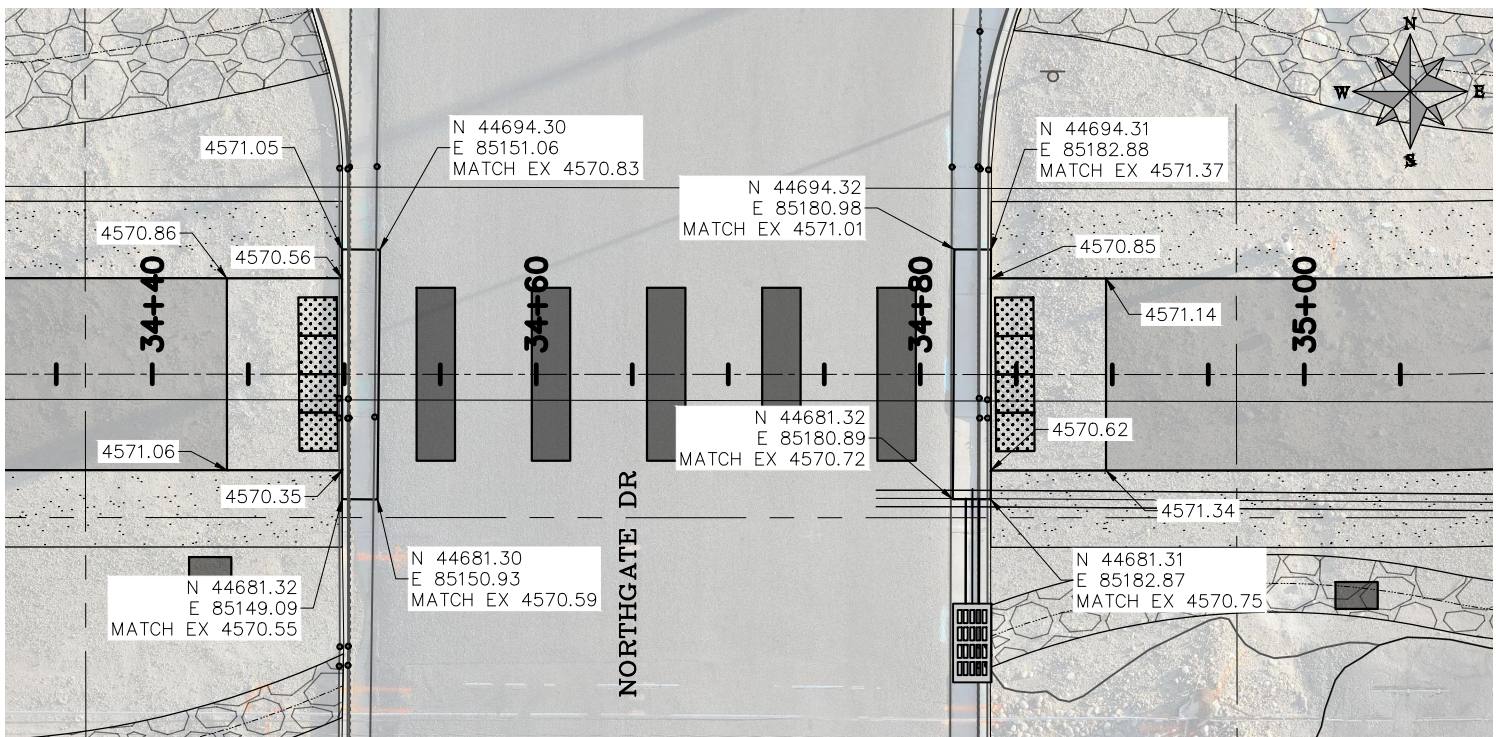
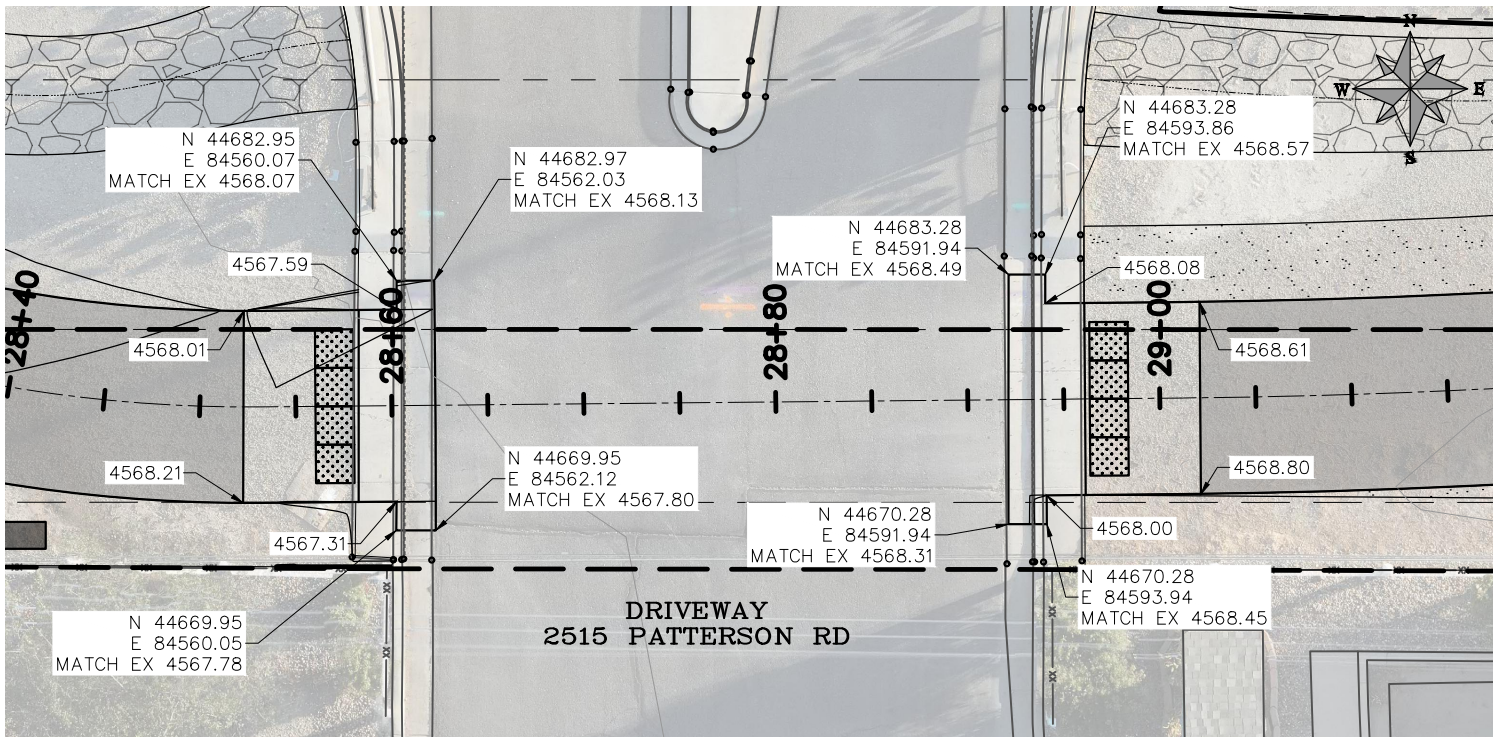
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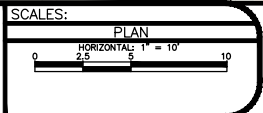
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REVISION			DESIGNED BY KH	DATE 2025					
REVISION			CHECKED BY KH	DATE 2025					
REVISION			APPROVED BY KH	DATE 2025					



REVISION Δ	DESCRIPTION	DATE	DRAWN BY HMC	DATE 2025	SCALES: PLAN HORIZONTAL 1" = 10' VERTICAL 1" = 10'		ENGINEERING AND TRANSPORTATION DEPARTMENT PROJECT NO. C1012	PATTERSON SIDEWALK STAKING PLANS - (S2) November 20, 2025	22
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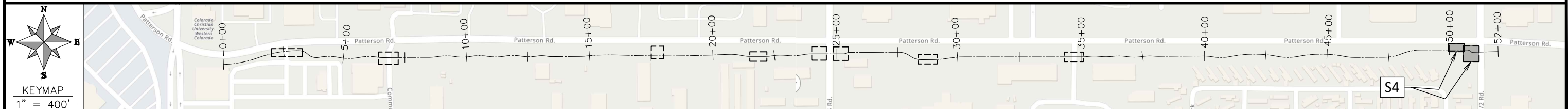
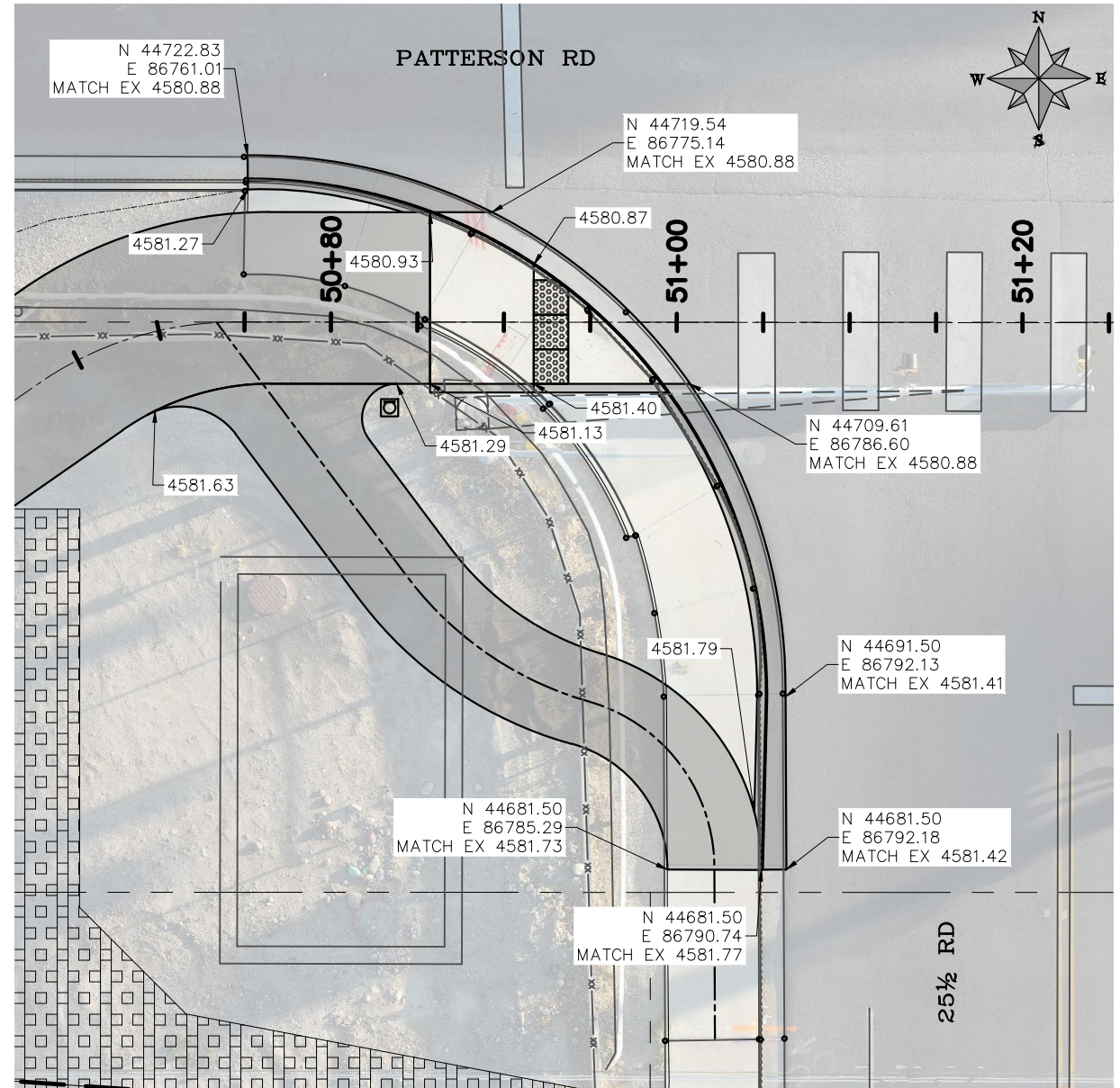
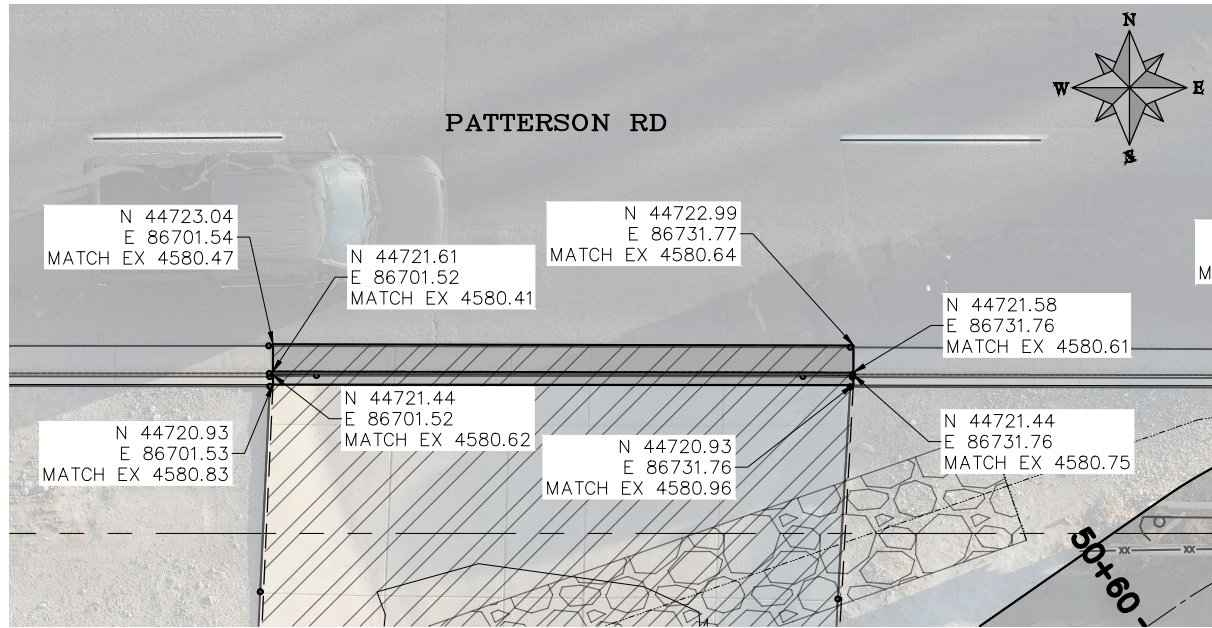


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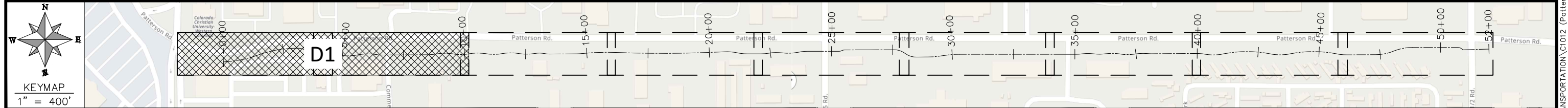
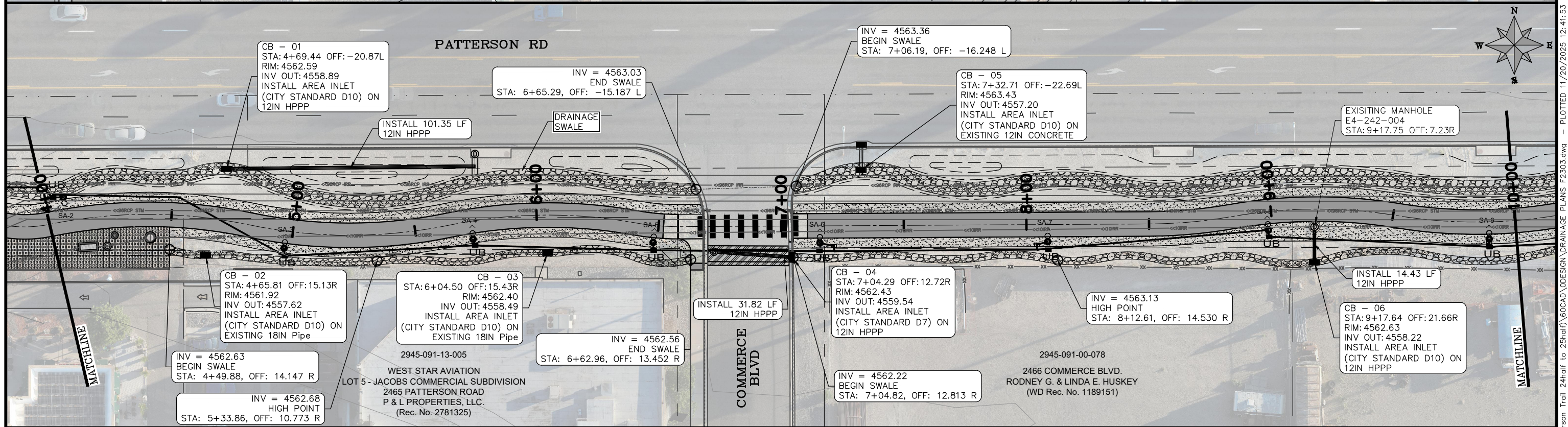
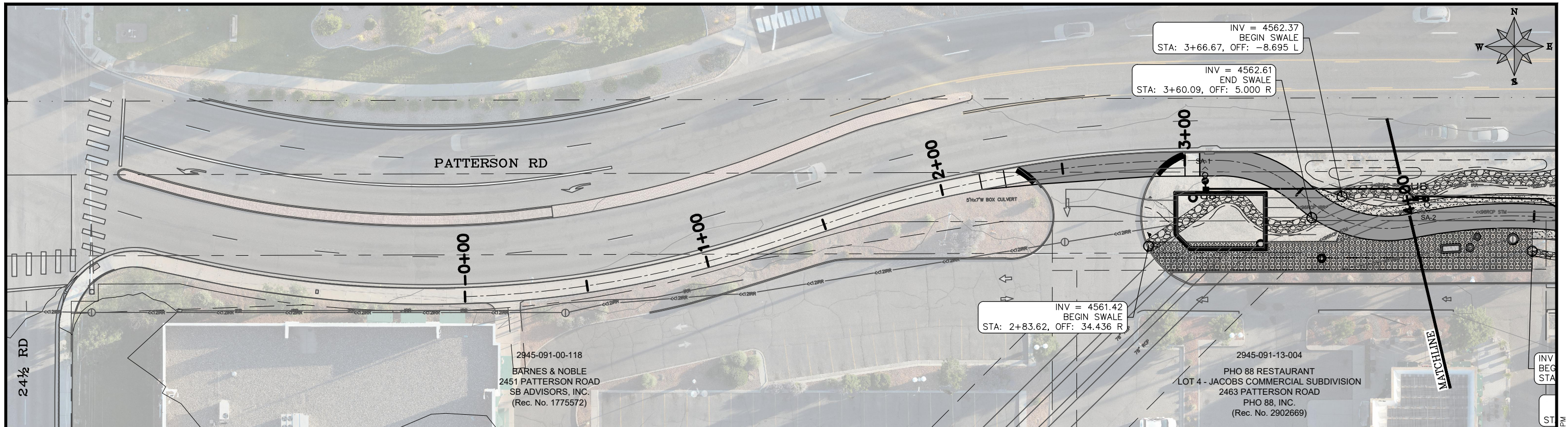


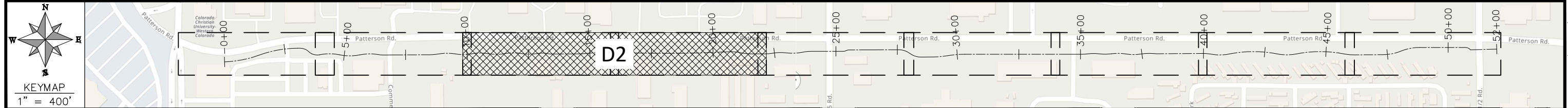
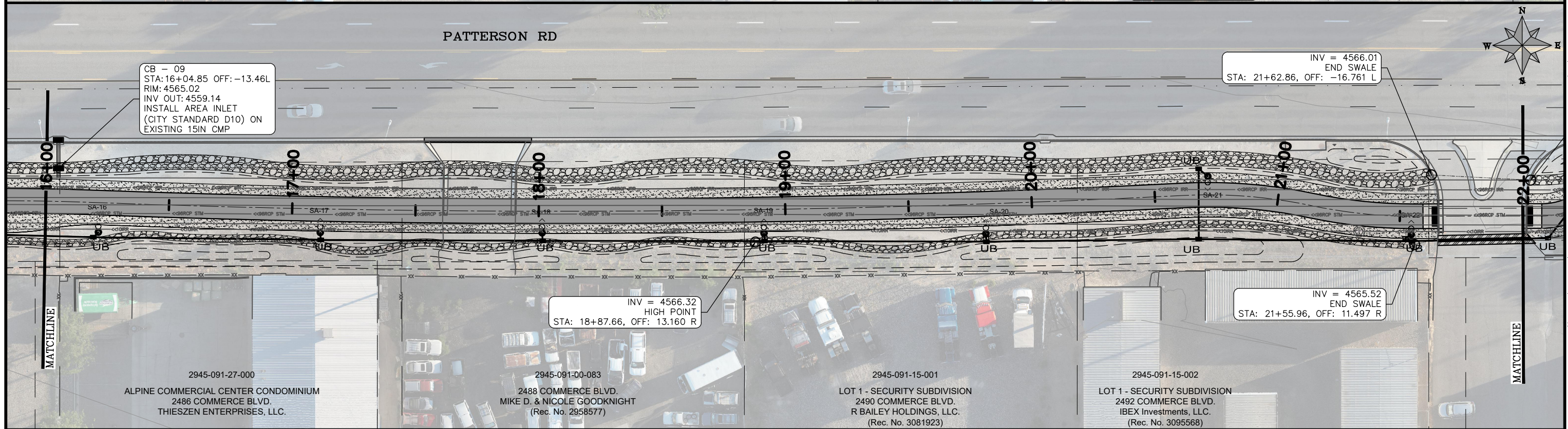
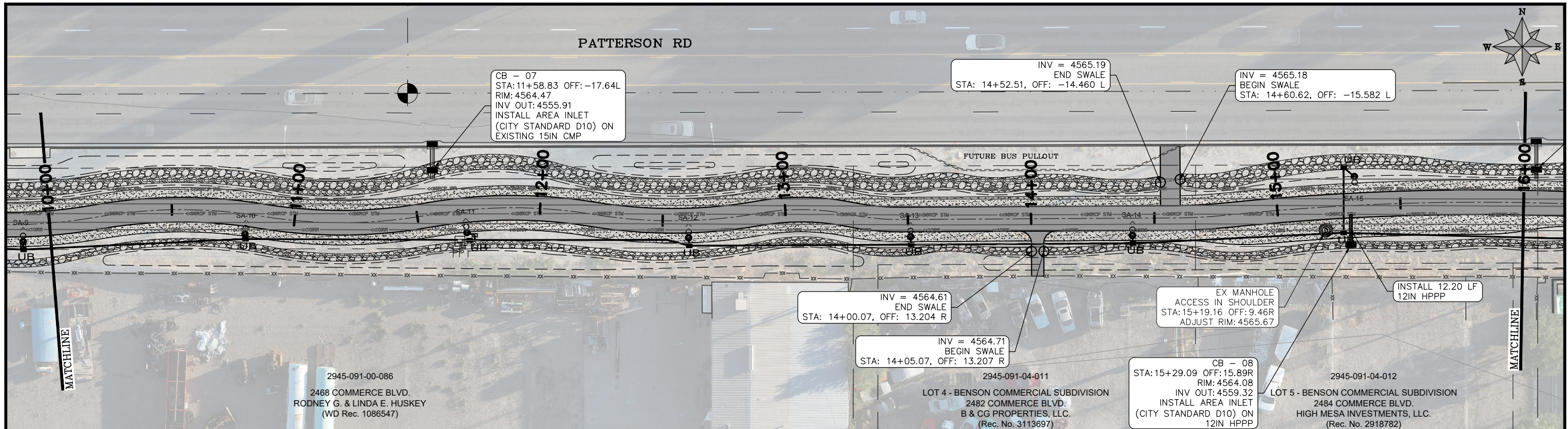
ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

PATTERSON SIDEWALK
STAKING PLANS - (S3)
November 20, 2025



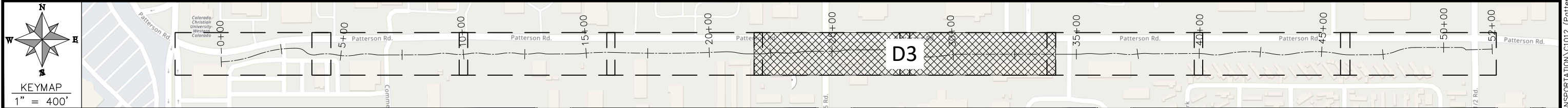
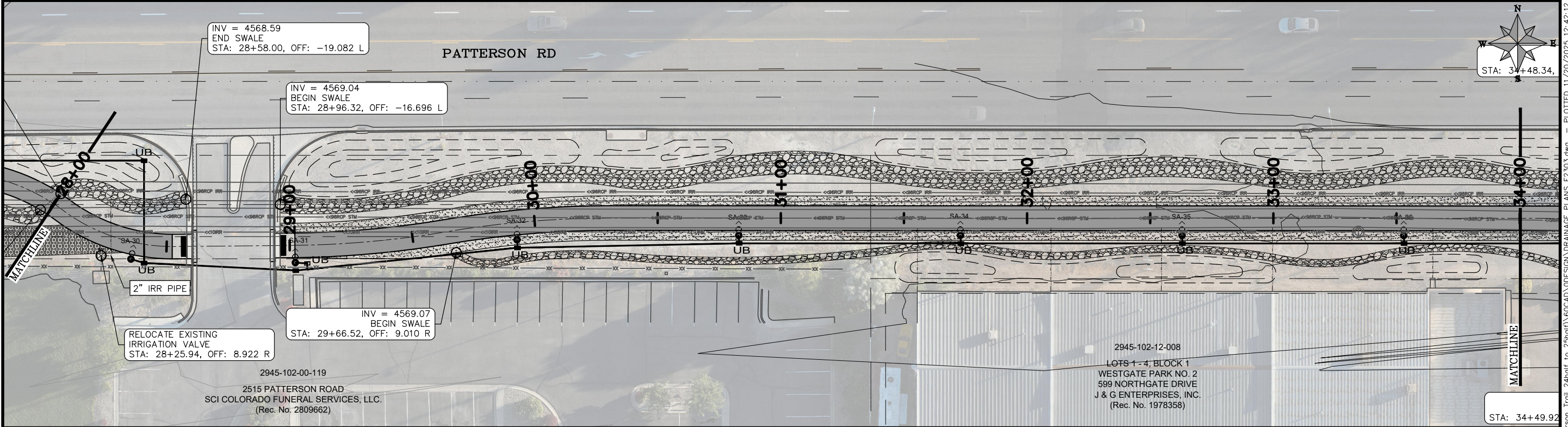
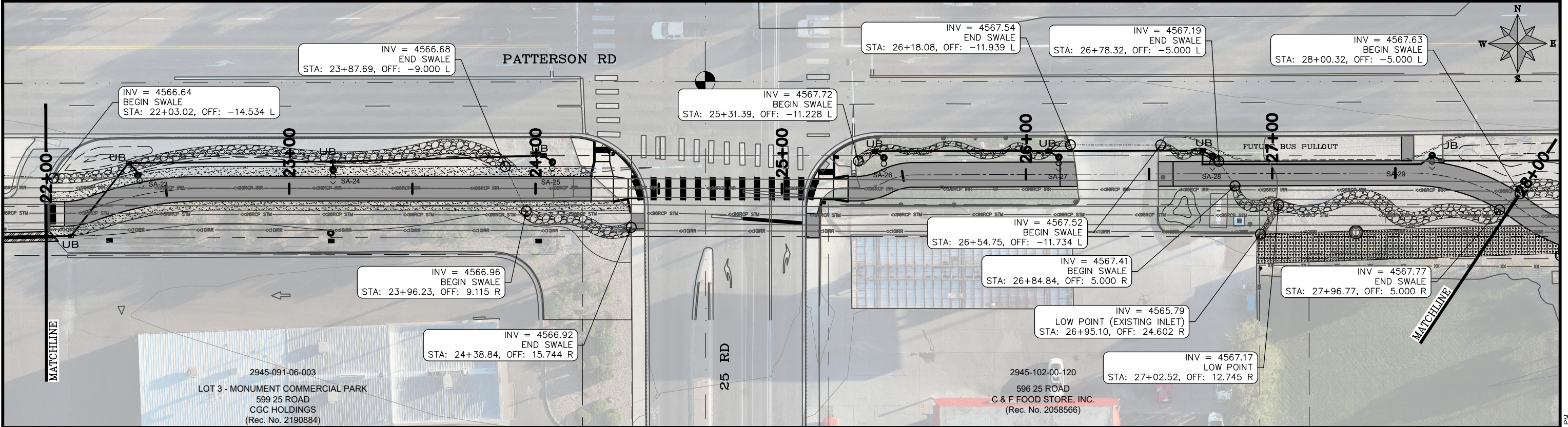
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REVISION		-	DESIGNED BY	KH	DATE	2025	PLAN					
REVISION		-	CHECKED BY	KH	DATE	2025	HORIZONTAL: 1" = 10'					
REVISION		-	APPROVED BY	KH	DATE	2025						

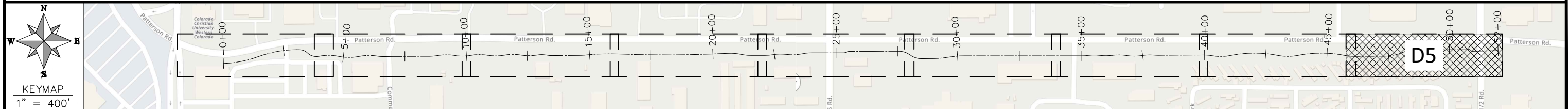
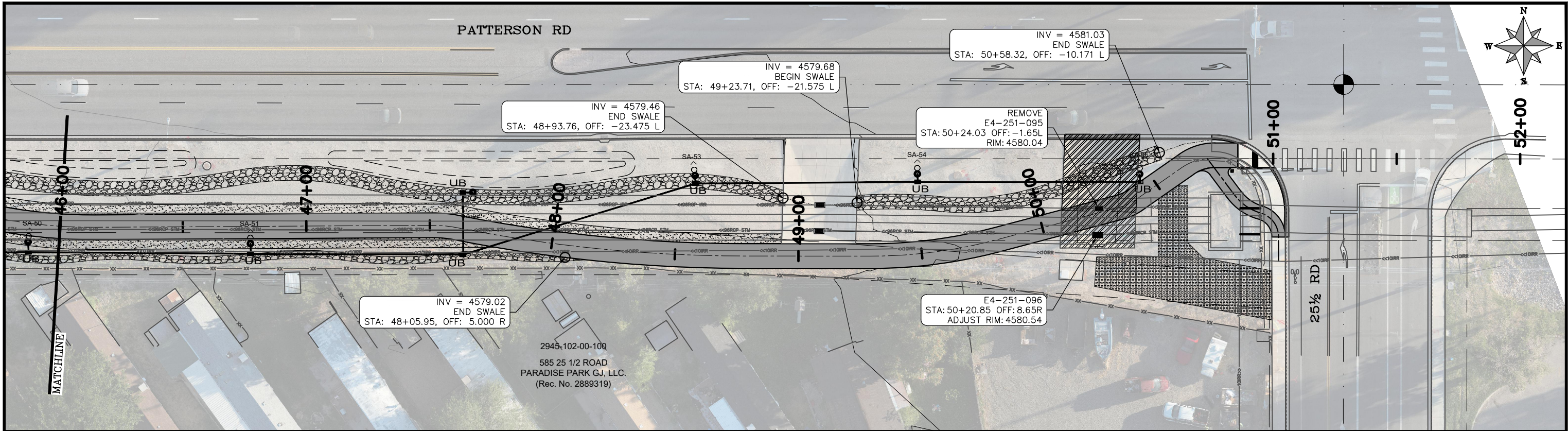




REVISION Δ	DESCRIPTION	DATE	DRAWN BY HMC	DATE 2025	SCALES: PLAN HORIZONTAL 1" = 40' VERTICAL 1" = 10'		ENGINEERING AND TRANSPORTATION DEPARTMENT PROJECT NO. C1012	PATTERSON SIDEWALK DRAINAGE PLANS - (D2) November 20, 2025	26
REVISION Δ			DESIGNED BY KH	DATE 2025					
REVISION Δ			CHECKED BY KH	DATE 2025					
REVISION Δ			APPROVED BY KH	DATE 2025					

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REVISION Δ	DESCRIPTION	DATE	DRAWN BY HMC	DATE 2025	SCALES: PLAN HORIZONTAL: 1" = 40' 0 10 20 40	CITY OF Grand Junction COLORADO	ENGINEERING AND TRANSPORTATION DEPARTMENT PROJECT NO. C1012	PATTERSON SIDEWALK DRAINAGE PLANS - (D5) November 20, 2025	29
REVISION Δ			DESIGNED BY KH	DATE 2025					
REVISION Δ			CHECKED BY KH	DATE 2025					
REVISION Δ			APPROVED BY KH	DATE 2025					

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UTILITIES

THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES BY USING EVERY REASONABLE MEANS POSSIBLE, INCLUDING FIELD LOCATION OF THE UTILITY. REPAIR OF DAMAGE TO THE EXISTING UTILITIES DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL DOCUMENT THE CONDITION OF EXISTING UTILITIES (VISIBLE FACILITIES) WITH THE ENGINEER AND UTILITY REPRESENTATIVES PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

THE SUBSURFACE UTILITIES SHOWN ON THE SUBSURFACE UTILITY INVESTIGATION WERE IDENTIFIED USING APPROPRIATE INDUSTRY STANDARD DETECTION METHODOLOGIES IN ACCORDANCE WITH THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA. QUALITY LEVELS AND DEFINITIONS PER CI/ASCE STANDARD NO. 38.

QUALITY LEVEL "D" – QL-D – DEPICTED ACCORDING TO UTILITY RECORD INFORMATION AND IN-FIELD VISUAL INSPECTION. NO ELECTRONIC DESIGNATING INFORMATION WAS OBTAINED. UTILITIES WITH A QL-D LABEL ARE DEPICTED ON THE PLANS USING PROFESSIONAL JUDGMENT IN INTERPRETING THIRD-PARTY RECORDS OR OTHER INFORMATION.

QUALITY LEVEL "C" – QL-C – EXISTING UTILITY STRUCTURES HAVE BEEN FIELD LOCATED AND SURVEYED TO ASSIST IN THE DEPICTING OF THE UTILITIES SHOWN ON THE RECORDS. NO ELECTRONIC DESIGNATING INFORMATION WAS OBTAINED. UTILITIES WITH A QL-C LABEL ARE DEPICTED ON THE PLANS USING PROFESSIONAL JUDGMENT IN INTERPRETING AND CORRELATING THE SURVEYED UTILITY APPURTENANCES, WITH THIRD-PARTY RECORDS INFORMATION.

QUALITY LEVEL "B" – QL-B – INFORMATION WAS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF THE SUBSURFACE UTILITIES. QL-B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. ALL UTILITIES ARE QL-B UNLESS OTHERWISE NOTED. THEY ARE DEPICTED ON THE PLANS USING PROFESSIONAL JUDGMENT IN SELECTING AND INTERPRETING APPROPRIATE GEOPHYSICAL DATA, SURVEYING TO APPROPRIATE PROJECT ACCURACIES, AND USING JUDGMENT TO CORRELATE THIRD-PARTY RECORDS OR OTHER INFORMATION, IF AVAILABLE, TO THESE QL-B DEPICTIONS.

QUALITY LEVEL "A" – QL-A – OBTAIN PRECISE HORIZONTAL AND VERTICAL POSITION OF THE UTILITY LINE BY EXCAVATING A TEST HOLE. THE TEST HOLE SHALL BE DONE USING VACUUM EXCAVATION OR COMPARABLE NON-DESTRUCTIVE EQUIPMENT IN A MANNER AS TO CAUSE NO DAMAGE TO UTILITY LINE.

RELIANCE UPON SUBSURFACE UTILITY DATA FOR RISK MANAGEMENT PURPOSES DURING BIDDING DOES NOT RELIEVE THE EXCAVATOR OR UTILITY OWNER FROM FOLLOWING ALL APPLICABLE UTILITY DAMAGE PREVENTION STATUTES, POLICIES, AND/OR PROCEDURES DURING EXCAVATION.

IT IS IMPORTANT THAT THE CONTRACTOR INVESTIGATES AND UNDERSTANDS THE SCOPE OF WORK AND LIMITS OF THE UTILITY INVESTIGATIONS LEADING TO THESE UTILITY DEPICTIONS.

UTILITY SIZE AND TYPE ARE DETERMINED THROUGH AVAILABLE UTILITY OWNER INFORMATION OR FIELD OBSERVATIONS; UTILITIES LABELED AS UNKNOWN HAVE NO CORRELATED RECORDS OR VISIBLE APPURTENANCES TO DETERMINE FUNCTION OR TYPE.

UTILITY MAPPING WAS COMPLETED IN THE FIELD ON 7/7/2025. UTILITIES MAY HAVE BEEN CHANGED OR ADDED AFTER THIS DATE.

‘END OF INFORMATION’ (EOI) SIGNIFIES GEOPHYSICAL EQUIPMENT LOST THE SIGNAL OF THE TARGET UTILITY AND THE LINE WAS UNABLE TO BE DESIGNATED ANY FURTHER. LINES MAY CONTINUE ON OR MAY STOP. POSITIVE VERIFICATION BY EXCAVATION IS REQUIRED TO CONFIRM PRESENCE BEYOND END OF SIGNAL.

THIS SURVEY IS A COMBINATION OF AERIAL MAPPING DONE WITH A SURVEY DRONE (7/7/2025) AND A GROUND SURVEY CONDUCTED BY CITY OF GRAND JUNCTION PERSONEL (8/12/2025). THE AERIAL SURVEY WAS PROCESSED BY AEROTAS.

HORIZONTAL COORDINATE SYSTEM: PROJECT COORDINATES ARE BASED ON MESA COUNTY LOCAL COORDINATE SYSTEM, MCLCS ZONE GVA.

VERTICAL DATUM: NAVD 88

EXISTING UTILITY LINES AS SHOWN ON THE PLAN SHEETS ARE PLOTTED FROM THE BEST AVAILABLE INFORMATION, (ASCE STANDARD QUALITY LEVEL B).

UTILITY WORK NOT COMPLETED PRIOR TO THE START OF THE CONTRACTOR’S OPERATIONS WILL REQUIRE COORDINATION WITH CONTRACT WORK IN ACCORDANCE WITH SUBSECTION 105.11 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH UTILITY OWNERS IN THEIR REMOVAL, ADJUSTMENT, AND/OR RELOCATION OPERATIONS SO THAT THE UTILITY WORK CAN BE ACCOMPLISHED WITHOUT IMPACTING THE CONSTRUCTION SCHEDULE.

THE CONTRACTOR SHALL COMPLY WITH ARTICLE 1.5 OF TITLE 9, CRS ("EXCAVATION REQUIREMENTS") WHEN EXCAVATING OR GRADING IS PLANNED IN THE AREA OF UNDERGROUND UTILITY FACILITIES. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITIES AT LEAST TWO (2) BUSINESS DAYS, NOT INCLUDING THE ACTUAL DAY OF NOTICE, PRIOR TO COMMENCING SUCH OPERATIONS. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT 811 OR 1-800-922-1987, TO HAVE LOCATIONS OF UNCC REGISTERED LINES MARKED BY MEMBER COMPANIES. ALL OTHER UNDERGROUND FACILITIES SHALL BE LOCATED BY CONTACTING THE RESPECTIVE OWNER. UTILITY SERVICE LATERALS SHALL ALSO BE LOCATED PRIOR TO BEGINNING EXCAVATION OR GRADING.

LOCATION AND NOTIFICATION OF BOTH UNCC MEMBER AND NON-MEMBER UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY.

IT IS SUGGESTED THAT THE CONTRACTOR INITIATE A REQUEST TO XCEL ENERGY, CENTURYLINK AND CHARTER COMMUNICATIONS FOR ANY CONSTRUCTION RELATED TO TEMPORARY ELECTRICAL POWER AND TELEPHONE SERVICE AS SOON AS POSSIBLE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES AT PIPES, CULVERTS, CBC’S, AND OTHER AREAS OF EXCAVATION AS NECESSARY TO ENSURE THE UTILITIES WILL NOT BE IMPACTED.

POTHOLING OF AN AREA SHALL TAKE PLACE 10 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS IN THAT AREA.

THE CONTRACTOR SHALL:

A. NOTIFY UTE WATER, CITY OF GRAND JUNCTION WATER AND SEWER, AND ALL CUSTOMERS AFFECTED BY OUTAGE OF WATER DURING CONSTRUCTION AT LEAST 48 HOURS PRIOR TO DISRUPTION OF SERVICE.

B. NOTIFY GRAND JUNCTION POLICE DEPARTMENT, GRAND JUNCTION FIRE DEPARTMENT, GRAND JUNCTION DEPARTMENT OF PUBLIC WORKS, MESA COUNTY SHERIFF’S OFFICE, MESA COUNTY PUBLIC WORKS, COLORADO STATE PATROL, UTE WATER CONSERVANCY DISTRICT, UNITED STATES POSTAL SERVICE, GRAND VALLEY TRANSIT, AND FIRST STUDENT BUS COMPANY OF ALL STREET CLOSINGS AND EXISTING FIRE HYDRANTS TO BE TAKEN OUT OF SERVICE AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION AND UPDATED ON A BI-WEEKLY BASIS.

WHEN EXCAVATING BELOW EXISTING WATER OR SANITARY SEWER LINES THE CONTRACTOR SHALL SUBMIT, FOR APPROVAL, THE METHOD BY WHICH EXISTING WATER OR SANITARY SEWER LINES SHALL BE PROTECTED AND SUPPORTED.

THE STATION POINT AND ELEVATION SHOWN ON THE PLANS FOR THE STANDARD STORM INLET AND MEDIAN INLET IS LOCATED AT THE CENTER OF THE INLET BOX. THE STATION POINT OF ALL OTHER DRAINAGE, IRRIGATION, AND SANITARY SEWER STRUCTURES IS LOCATED AT THE CENTER POINT OF THE STRUCTURE AS WELL.

PROJECT UTILITY CONTACTS AND ON-CALL NUMBERS

CITY (WASTEWATER ON-CALL)	970 201 4149
CITY (STORMWATER ON-CALL)	970 644 2706
CITY (WATER ON-CALL)	970 201 4137
CITY (TRAFFIC ON-CALL)	970 778 1480
CITY ENGINEERING FIELD SERVICES	970 201 1362
GRAND VALLEY IRRIGATION DISCTRICT	970 244 1572
XCEL ENERGY (GAS OR ELECTRIC)	800 895 2999
UNCC COLORADO	811
EMERGENCY SERVICES	911

REVISION

REVISION

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REVISION

DESCRIPTION

DATE

DRAWN BY

HMC

DATE

2025

DESIGNED BY

KH

DATE

2025

CHECKED BY

KH

DATE

2025

APPROVED BY

KH

DATE

2025

SCALES:

NO SCALE

CITY OF

Grand Junction

COLORADO

ENGINEERING AND

TRANSPORTATION DEPARTMENT

PROJECT NO. C1012

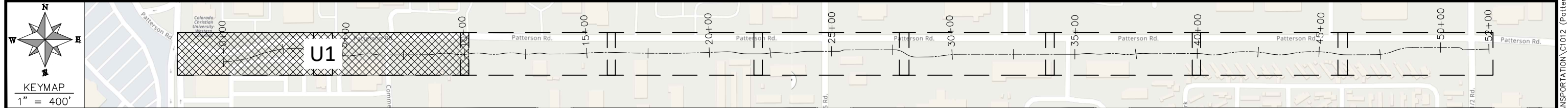
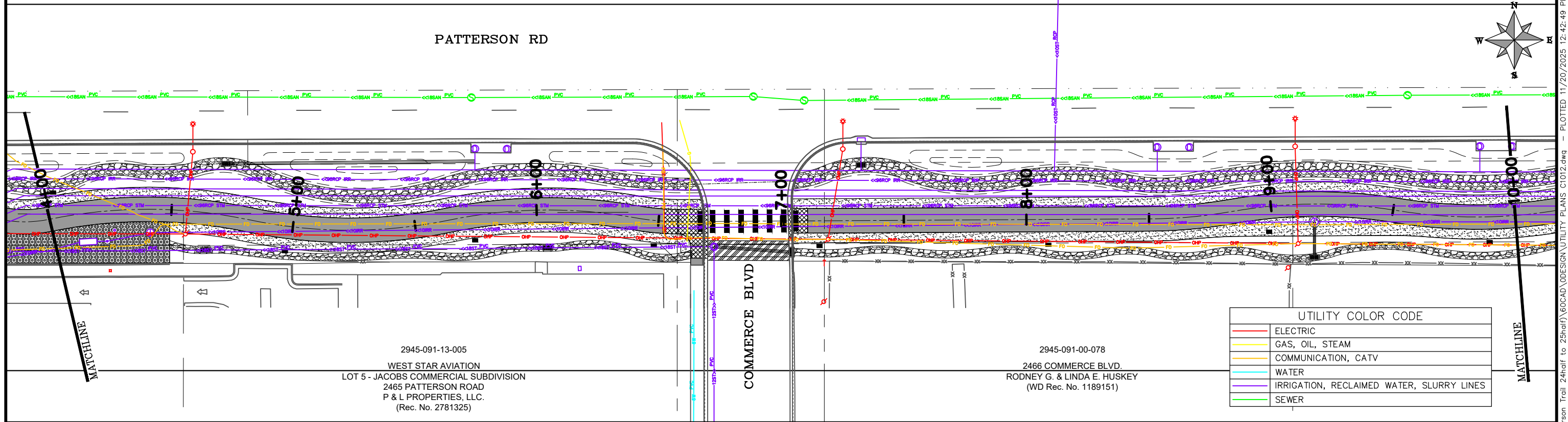
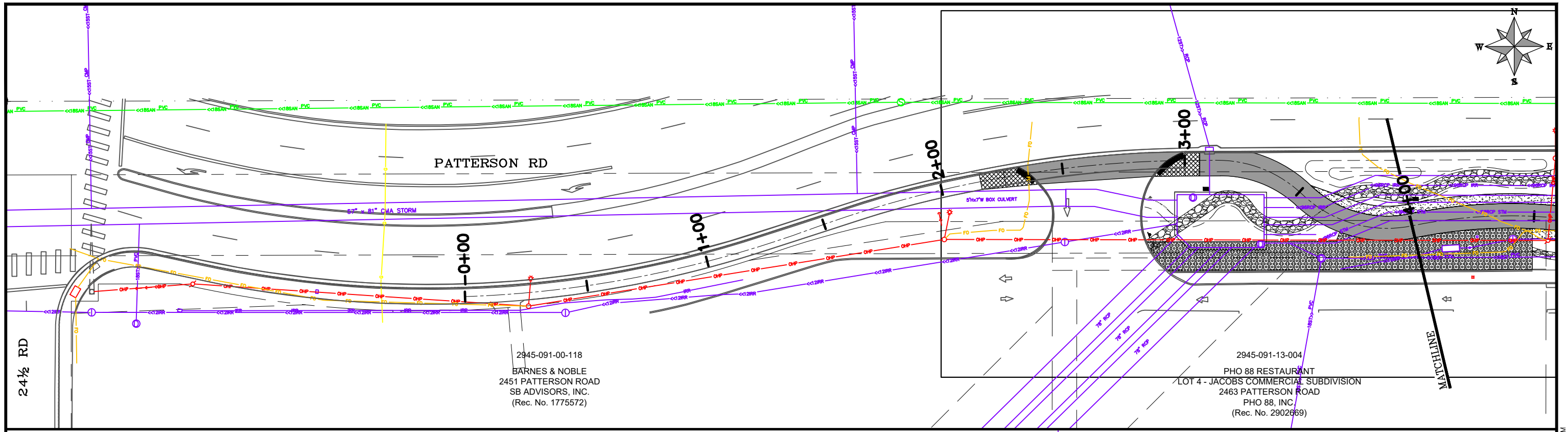
PATTERSON SIDEWALK

UTILITY NOTES

November 20, 2025

30

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REVISION			CHECKED BY	KH	DATE	2025
REVISION			APPROVED BY	KH	DATE	2025

SCALES:	PLAN
	HORIZONTAL 1" = 40'

CITY OF
Grand Junction
COLORADO

ENGINEERING AND
TRANSPORTATION DEPARTMENT

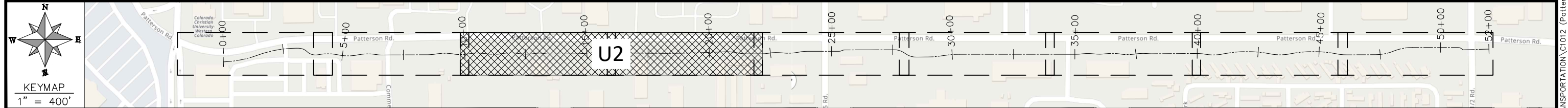
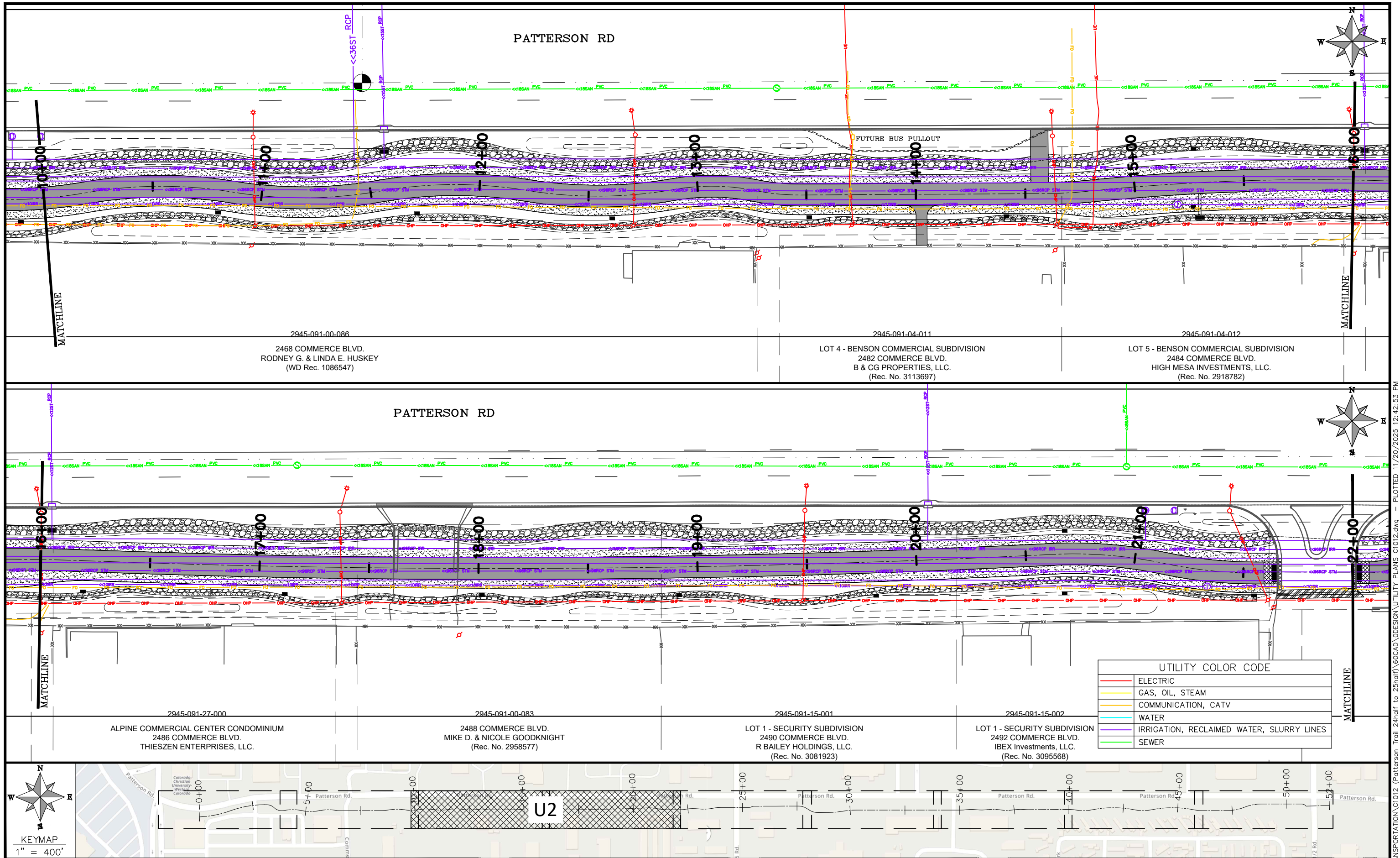
PROJECT NO. C1012

PATTERSON SIDEWALK
UTILITY PLAN - (U1)

November 20, 2025

31

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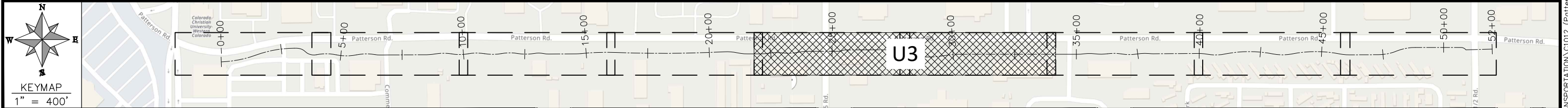
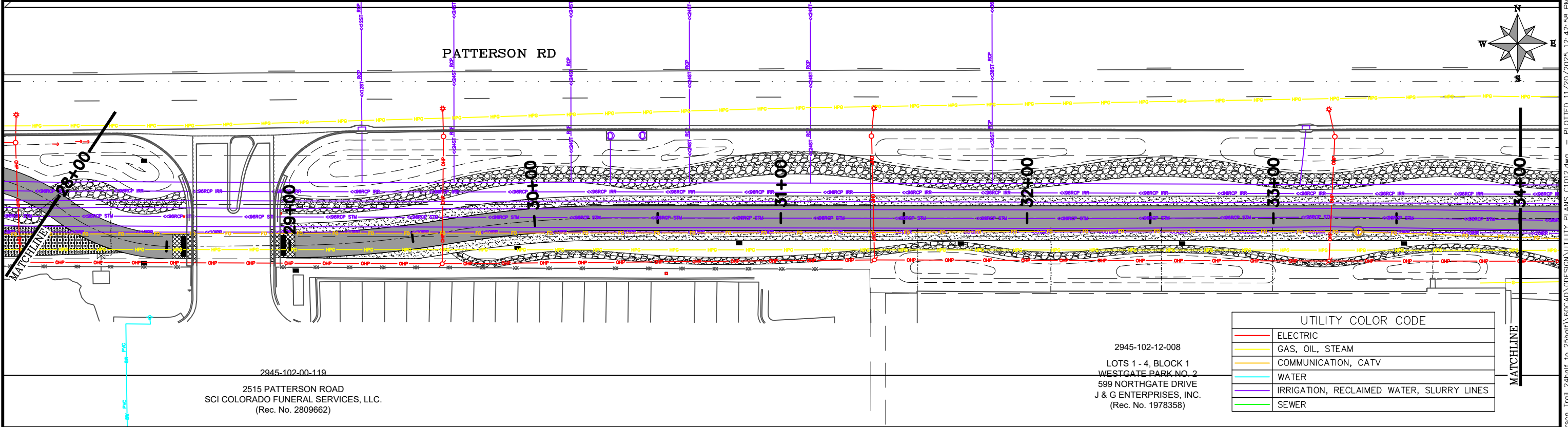
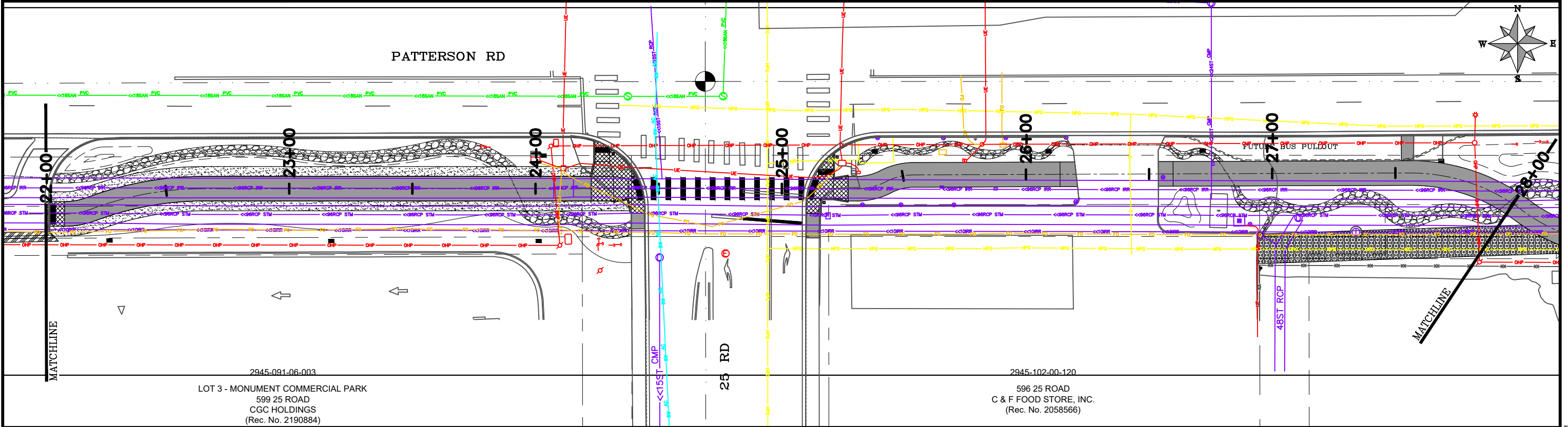
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REVISION			CHECKED BY	KH	DATE	2025		
REVISION			APPROVED BY	KH	DATE	2025		

ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

PATTERSON SIDEWALK
UTILITY PLAN – (U2)
November 20, 2025

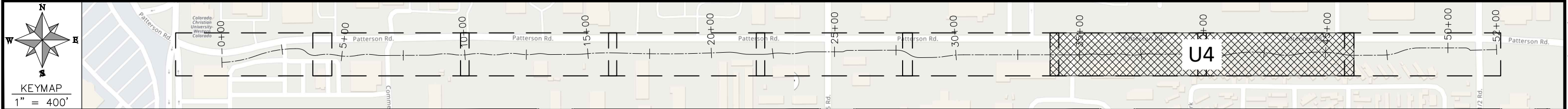
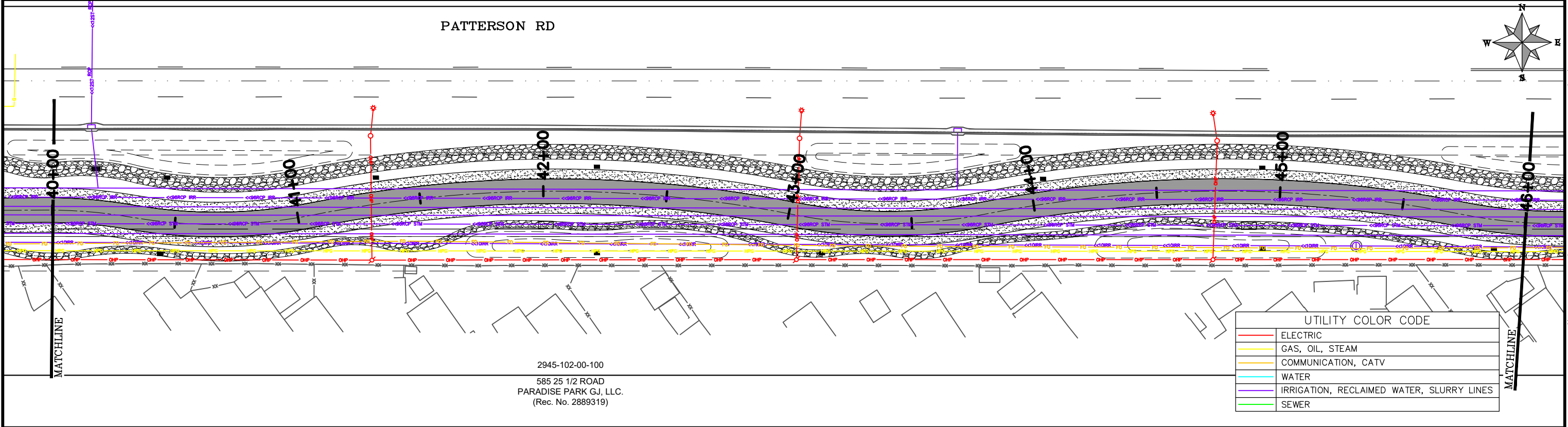
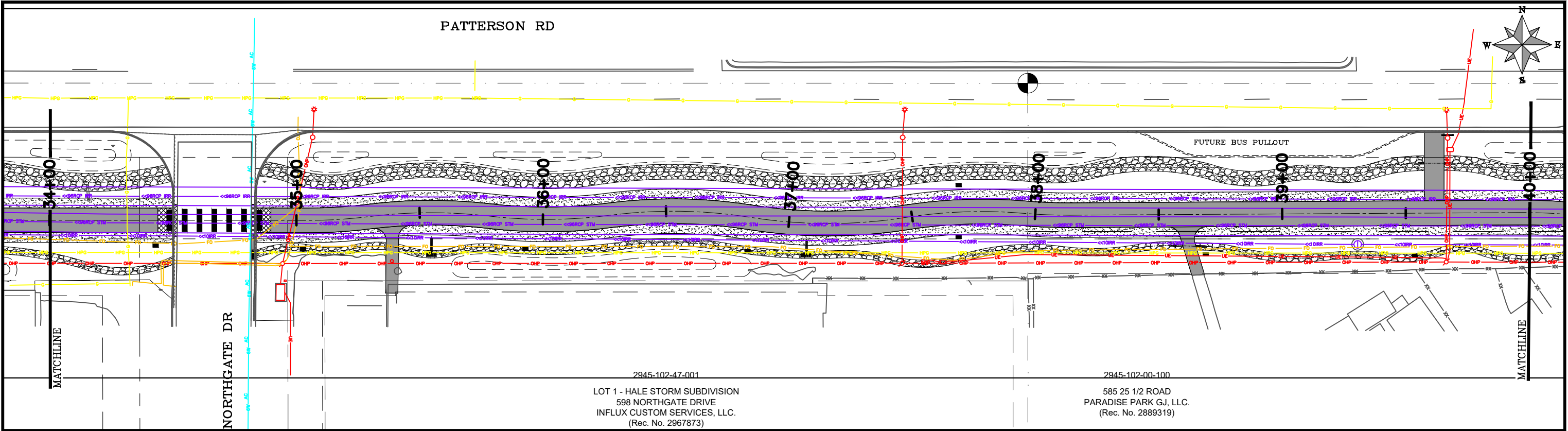
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REVISION 	DESCRIPTION	DATE	DRAWN BY HMC	DATE 2025	SCALES: PLAN HORIZONTAL 1" = 40' VERTICAL 1" = 10'	CITY OF Grand Junction COLORADO	ENGINEERING AND TRANSPORTATION DEPARTMENT PROJECT NO. C1012	PATTERSON SIDEWALK UTILITY PLAN - (U3) November 20, 2025	33
REVISION 			DESIGNED BY KH	DATE 2025					
REVISION 			CHECKED BY KH	DATE 2025					
REVISION 			APPROVED BY KH	DATE 2025					

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REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025	DESIGNED BY	KH	DATE	2025	CHECKED BY	KH	DATE	2025	APPROVED BY	KH	DATE	2025

SCALES:

PLAN

HORIZONTAL 1" = 40'

0 10 20 40

CITY OF

Grand Junction

COLORADO

ENGINEERING AND

TRANSPORTATION DEPARTMENT

PROJECT NO. C1012

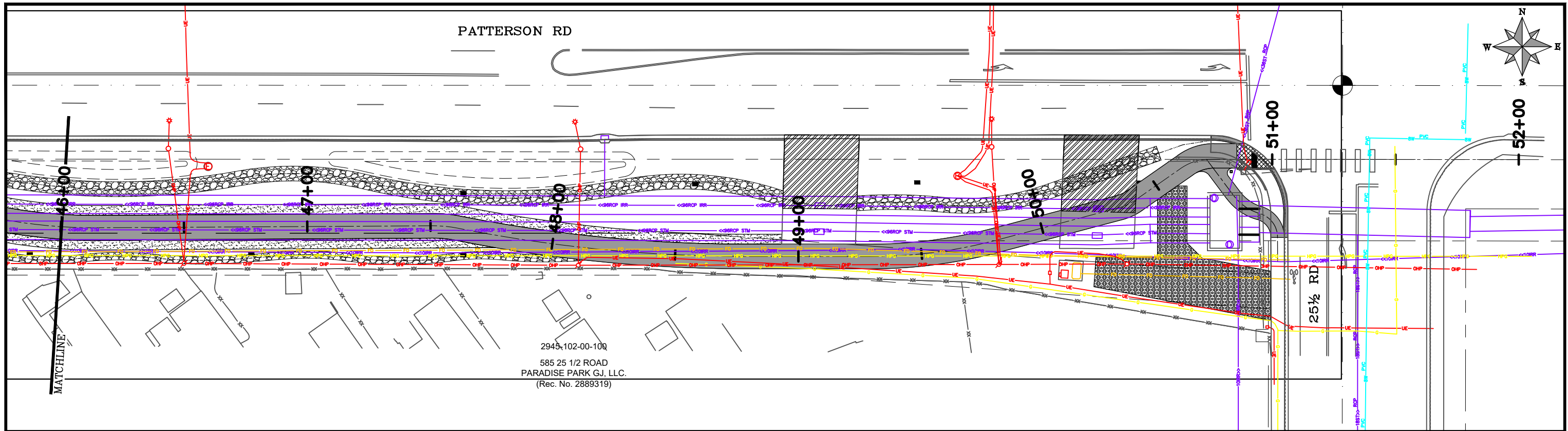
PATTERSON SIDEWALK

UTILITY PLAN - (U4)

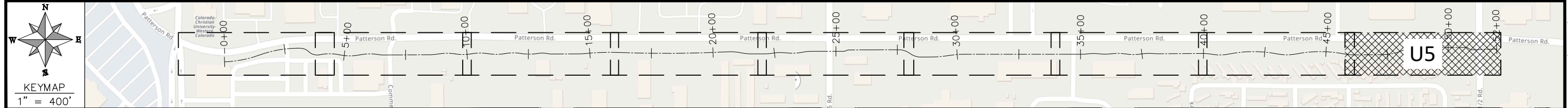
November 20, 2025

34

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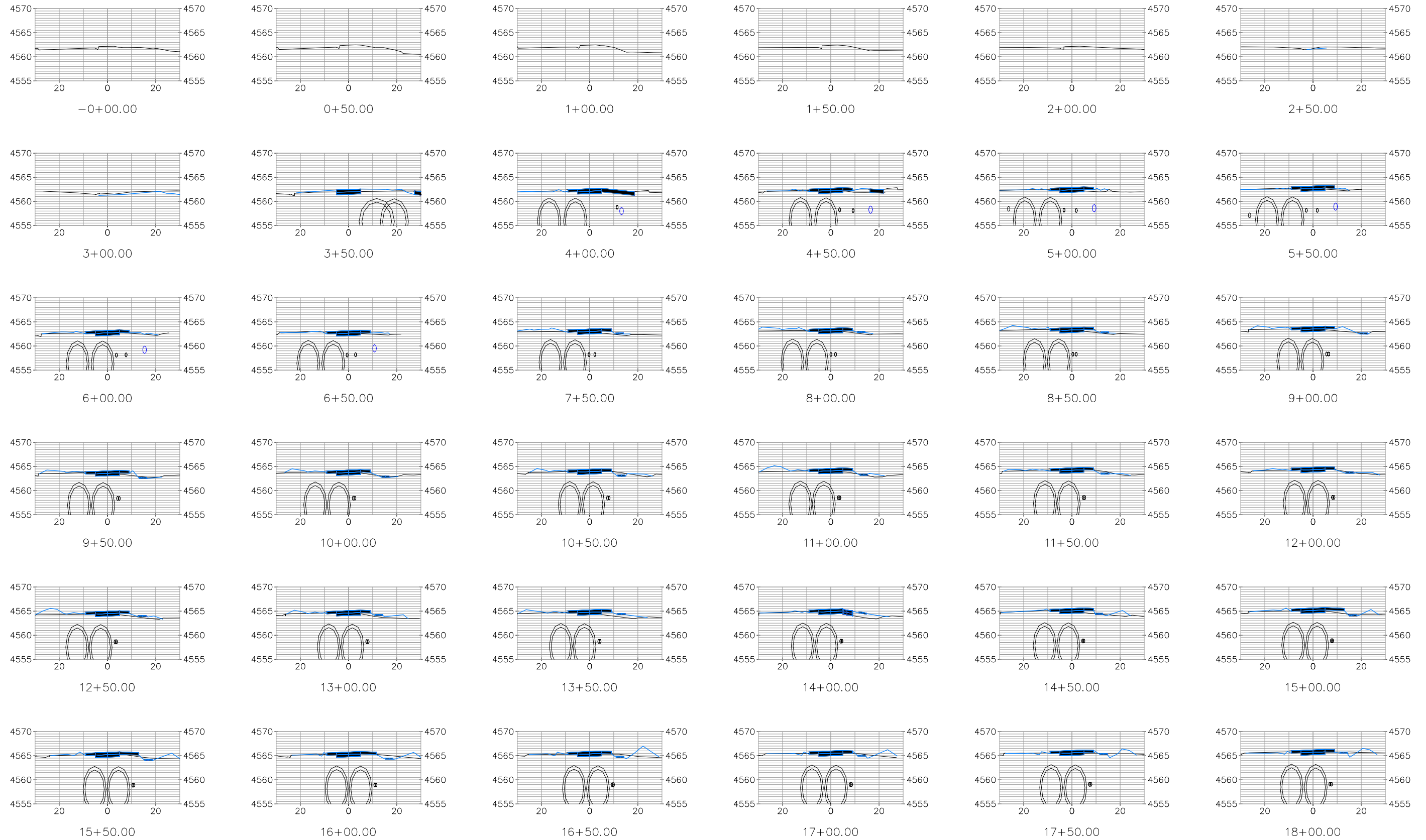


UTILITY COLOR CODE	
—	ELECTRIC
—	GAS, OIL, STEAM
—	COMMUNICATION, CATV
—	WATER
—	IRRIGATION, RECLAIMED WATER, SLURRY LINES
—	SEWER



REVISION	DESCRIPTION	DATE	DRAWN BY HMC	DATE 2025	SCALES: PLAN HORIZONTAL 1" = 40' 0 10 20 40		ENGINEERING AND TRANSPORTATION DEPARTMENT PROJECT NO. C1012	PATTERSON SIDEWALK UTILITY PLAN – (U5) November 20, 2025	35
REVISION			DESIGNED BY KH	DATE 2025					
REVISION			CHECKED BY KH	DATE 2025					
REVISION			APPROVED BY KH	DATE 2025					

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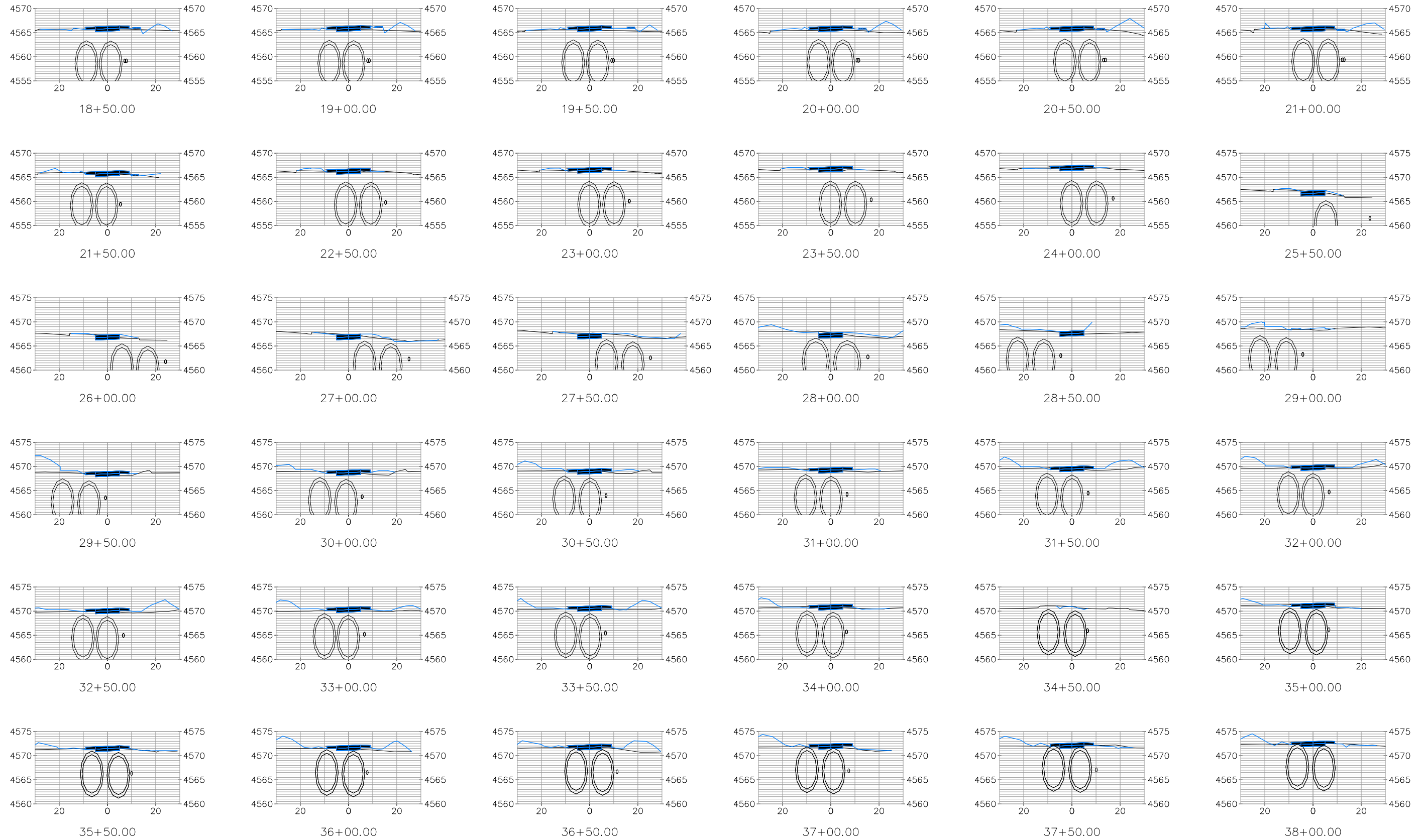
"FOR INFORMATION ONLY"
SEE STAKING PLAN FOR PROPOSED GRADES

REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025	SCALES:
REVISION			DESIGNED BY	KH	DATE	2025	PLAN & PROFILE
REVISION			CHECKED BY	KH	DATE	2025	HORIZONTAL 1" = 40'
REVISION			APPROVED BY	KH	DATE	2025	VERTICAL 1" = 20'



ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

PATTERSON SIDEWALK
TRAIL CROSS SECTION - (X1)
November 20, 2025



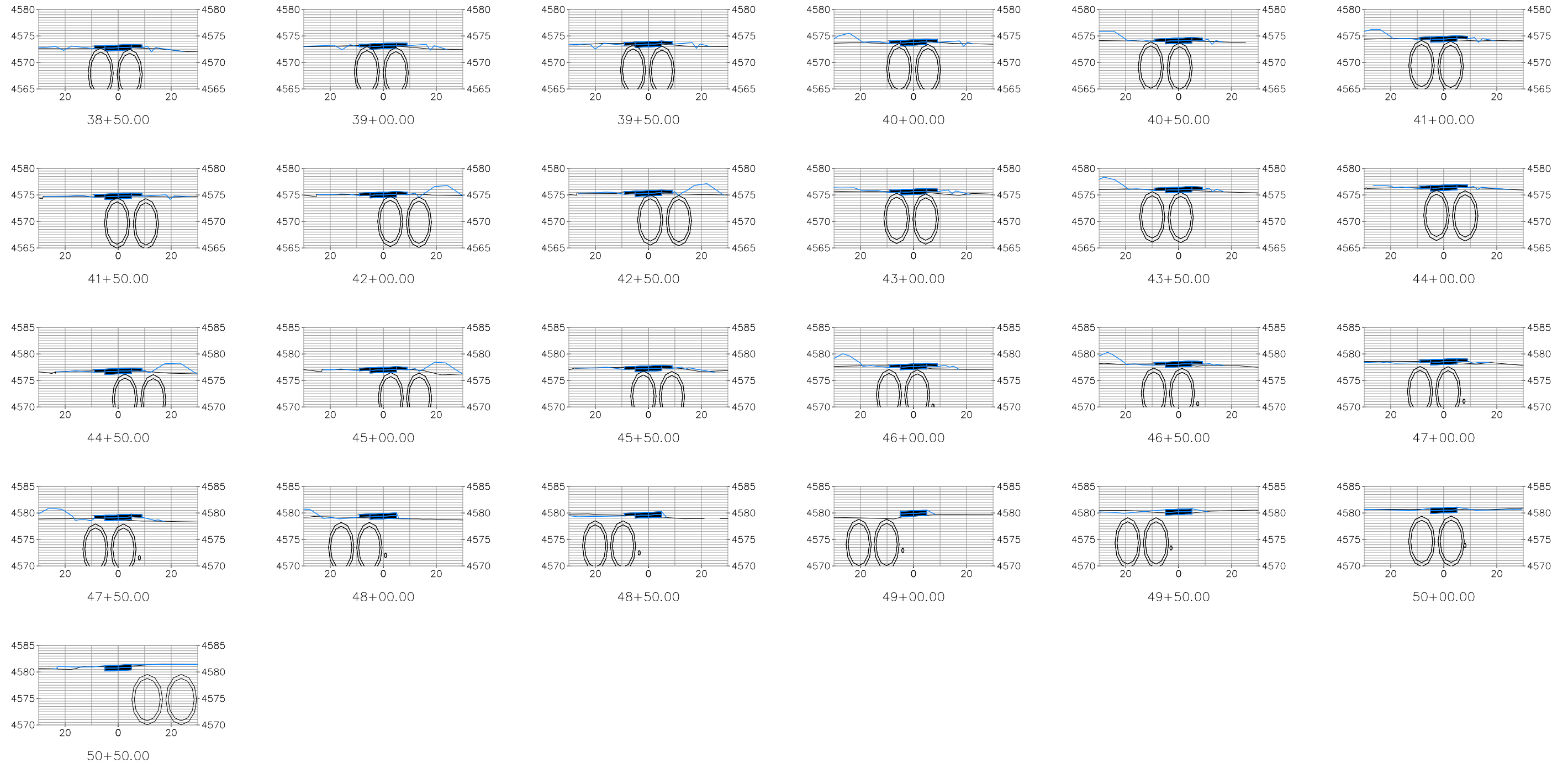
"FOR INFORMATION ONLY"
SEE STAKING PLAN FOR PROPOSED GRADES

REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025	SCALES:
REVISION			DESIGNED BY	KH	DATE	2025	PLAN & PROFILE
REVISION			CHECKED BY	KH	DATE	2025	HORIZONTAL 1" = 40'
REVISION			APPROVED BY	KH	DATE	2025	VERTICAL 1" = 20'



ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

PATTERSON SIDEWALK
TRAIL CROSS SECTION - (X2)
November 20, 2025



"FOR INFORMATION ONLY"
SEE STAKING PLAN FOR PROPOSED GRADES

REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2025	DESIGNED BY	KH	DATE	2025	CHECKED BY	KH	DATE	2025	APPROVED BY	KH	DATE	2025
REVISION																		
REVISION																		
REVISION																		

SCALES:	PLAN & PROFILE
0 10 20 40	HORIZONTAL 1" = 40'
0 5 10 20	VERTICAL 1" = 20'



ENGINEERING AND
TRANSPORTATION DEPARTMENT
PROJECT NO. C1012

PATTERSON SIDEWALK
TRAIL CROSS SECTION - (X3)
November 20, 2025

PEDESTRIAN LIGHTING GENERAL NOTES:

1. THIS PROJECT WILL BE BID FOR THE INSTALLATION OF PEDESTRIAN LIGHTING, AND INSTALLATION OF POWER PEDESTALS PP1 AND PP2. BASE PROJECT: COMPLETE THE PEDESTRIAN LIGHTING AROUND THE PATTERSON ROAD TRAIL PROJECT AS SHOWN IN THIS DRAWING SET .
2. THIS PROJECT CONSISTS OF WORK TO INSTALL ALL WIRING, CONDUIT, PULL BOXES, AND POWER PANELS. REFERENCE SCHEDULE OF LIGHTING DEVICES AND SUMMARY OF QUANTITIES.
3. TYPES "SA" LIGHT STANDARD & LUMINARIES (PEDESTRIAN LIGHT), PAY ITEM 613-30005 SHALL INCLUDE THE FOLLOWING ITEMS FROM ILLUMINATION SYSTEMS LIGHTING LOCATED AT 5 SOUTH KALAMATH STREET, DENVER, CO 80223, 303.295.2900. THE ITEMS NUMBERS ARE AS FOLLOWS: TYPE "SA" STERNBERG LIGHTING #1A-1527LED-R-12L-40-T2-MDL018-SV1-EZ-H55-OAPT/450P414-.125/BK
4. PROVIDE COLLISION BREAK AWAY CONNECTORS FOR TYPE "SA" FIXTURES. TYPE "SA" FIXTURES TO BE 12 FOOT ABOVE FINISHED GRADE TO BOTTOM OF LIGHT.
5. PROVIDE NEW MILBANK PANEL "PP1", 240/120V, 1ϕ, 3W 100A , 12 CIRCUITS SWITCHED AND 12 CIRCUITS NOT SWITCHED, MODEL #CP3B51C1HA22CSXCSL97 LOCATED AS SHOWN IN DRAWINGS. XCEL ENERGY TO PROVIDE 240/120V TRANSFORMER FOR POWER TO PANEL, COORDINATE CONNECTIONS WITH XCEL PRIOR TO TRENCHING.
6. PROVIDE NEW MILBANK PANEL "PP2", 240/120V, 1ϕ, 3W 100A , 12 CIRCUITS SWITCHED AND 12 CIRCUITS NOT SWITCHED, MODEL #CP3B51C1HA22CSXCSL97 LOCATED AS SHOWN IN DRAWINGS. XCEL ENERGY TO PROVIDE 240/120V TRANSFORMER FOR POWER TO PANEL, COORDINATE CONNECTIONS WITH XCEL PRIOR TO TRENCHING.
7. ALL PEDESTRIAN LIGHTING FIXTURES(TYPE "SA") INSTALLED ON THE PROJECT WILL BE CONTROLLED WITH A ELECTRICAL CONTRACTOR SUPPLIED PHOTOCCELL, NSI INDUSTRIES 2007A OR EQUAL, TO BE LOCATED IN NEW MILBANK POWER PEDESTALS IN SWITCHED SECTION OF PANEL. ORIENT PANEL SO THAT PHOTOCCELL WILL BE ORIENTED TO NORTH, TYPICAL.
8. PROVIDE 2" PVC SCHEDULE 80 CONDUIT BETWEEN EACH JUNCTION BOX LABELED "UB".
9. PROVIDE #10 THWN TRACER WIRE IN NEW CONDUIT TO FACILITATE LOCATION OF CONDUIT IN THE FUTURE.
10. ELEVATIONS SHOWN IN THE SCHEDULE OF LIGHTING DEVICES ON THE PLANS SHEETS REPRESENT THE DESIGN FINISHED GRADE OR THE EXISTING GROUND FINISHED GRADE. THESE ELEVATIONS DO NOT INDICATE THE TOP ELEVATION OF THE LUMINARIES (PEDESTRIAN) FOUNDATION. PEDESTRIAN LIGHTING FOUNDATIONS SHALL BE CONSTRUCTED PER THE MANUFACTURERS RECOMMENDATIONS.
11. PULL BOXES FOR LIGHT STANDARD (PEDESTRIAN AND STREET) WILL BE TYPE 1 CDOT PULL BOXES 11"X18"X12" WITH NAMEPLATE LABELED "ELECTRICAL".
12. PULL BOXES WILL BE INSTALLED IN GRADES WITHOUT CONCRETE WHERE POSSIBLE.
13. ALL ELECTRICAL CONDUIT SHALL BE SCHEDULE 80 PVC UNLESS NOTED OTHERWISE, TYPICAL.
14. DIRECTIONAL BORING WILL BE REQUIRED UNDER THE EXISTING ROADWAYS AND DRIVEWAYS, REFERENCE DRAWINGS E-6, E-9, E-10, AND E-11 OF THIS DRAWING SET.
15. UNLESS OTHERWISE NOTED, THE WORK DESCRIBED ON THE PLANS SHALL INCLUDE PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. FURNISH ALL REQUIRED ITEMS WHETHER SUCH ARE SPECIFICALLY SHOWN OR NOT.
16. INFORMATION SHOWN ON DRAWINGS IS DIAGRAMMATIC ONLY AND SHALL NOT BE SCALED. OBTAIN VERIFY EXACT LOCATIONS, MEASUREMENTS, LEVELS, SPACE REQUIREMENTS, POTENTIAL CONFLICTS AMONG TRADES AND FOR ADJUSTING THE WORK REQUIRED BY THE ACTUAL CONDITIONS OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDER GROUND OBSTRUCTIONS AND MAKING ALLOWANCES FOR FIELD ADJUSTMENT OF LOCATION OF LUMINARIES TO AVOID SHUT DOWN OF ANY SERVICES OR SYSTEMS THAT ARE TO REMAIN.
17. BEFORE SUBMITTING THE BID ELECTRICAL CONTRACTOR SHALL VISIT AND EXAMINE THE PREMISES AND/OR JOB SITE SO AS TO ASCERTAIN THE EXISTING CONDITIONS IN WHICH THE CONTRACTOR WILL BE OBLIGED TO OPERATE IN PERFORMING HIS PART OF THE CONTRACT TO ANTICIPATE ANY POSSIBLE SPACE RESTRICTIONS OR CONSTRAINTS THAT COULD AFFECT THE TIMELY COMPLETION OF THE ELECTRICAL WORK IN ACCORDANCE WITH THE INTENT OF THE SPECIFICATIONS AND DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL REPORT TO THE PROJECT ENGINEER OR GENERAL CONTRACTOR ANY CONDITIONS THAT MIGHT PREVENT THE SPECIFIED ELECTRICAL WORK FROM BEING PERFORMED IN THE MANNER INTENDED. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED TO THE ELECTRICAL CONTRACTOR FOR FAILURE TO VISIT THE PROJECT SITE, OR FOR ANY ALLEGED MISUNDERSTANDING OF THE MATERIALS TO BE FURNISHED OR WORK TO BE DONE.
18. THE ELECTRICAL CONTRACTOR SHALL EXAMINE THE DRAWINGS OF ALL TRADES WHOSE WORK RELATES TO OR IS DEPENDENT ON ELECTRICAL WORK TO BECOME FULLY INFORMED OF THE EXTENT AND CHARACTER OF THEIR SPECIFIED WORK AND BE ABLE TO COORDINATE WITH OTHER TRADES WHILE AVOIDING POSSIBLE INTERFERENCE WITH THE ELECTRICAL WORK.
19. THE CONTRACTOR SHALL USE CONDUIT PLUGS AND SEALING PLUGS FOR SEALING ALL EMPTY CONDUITS AND CONDUITS OCCUPIED WITH CABLING, RESPECTIVELY, INSTALLED UNDER THIS CONTRACT. CONDUIT PLUGS SHALL BE MANUFACTURED FROM HIGH-IMPACT PLASTIC COMPONENTS, COMBINED WITH DURABLE ELASTIC GASKETS. THEY SHALL BE CORROSION PROOF AND APPROPRIATE FOR USE AS EITHER A LONG-TERM OR TEMPORARY SEAL. CONDUIT PLUGS SHALL BE REMOVABLE AND REUSABLE. THEY SHALL BE BOTH WATERTIGHT AND AIRTIGHT TO PREVENT THE FLOW OF WATER AND BUILDUP OF SEDIMENTATION WITHIN THE CONDUIT. EACH CONDUIT PLUG SHALL BE EQUIPPED WITH A ROPE TIE DEVICE TO ALLOW THE SECURING OF PULL ROPE TO THE PLUG'S BACK COMPRESSION PLATE. THE CONTRACTOR SHALL ATTACH THE PULL ROPE TO THE BACK COMPRESSION PLATE OF THE PLUG AND STORE EXCESS SLACK PULL ROPE BEHIND THE PLUG WITHIN THE CONDUIT FOR FUTURE USE.

PP1-X ELECTRICAL CIRCUIT NUMBER (REFER TO PANEL SCHEDULES)

UB NEW HEAVY DUTY, TRAFFIC RATED, FLUSH-TO-GRADE POLYMER CONCRETE SPLICE BOX WITH HEAVY DUTY, TRAFFIC RATED, BOLTED COVER. 11"X18"X12" TYPE 1. NUMBER ASSOCIATED IS NOT THE QUANTITY BUT THE IDENTIFIER ONLY.

UNDER GROUND BURIED RACEWAY (2#6 THWN CU AND 1#8 GND) IN 2" PVC CONDUIT (UNLESS NOTED OTHERWISE ON PLANS) IN 24" DEEP TRENCH, BURY AND COMPACTED BACKFILL TO CITY STANDARDS.

INSTALL SINGLE ARM PEDESTRIAN STANDARD OR STREET STANDARD AS SPECIFIED. NUMBER ASSOCIATED IS NOT THE QUANTITY BUT THE IDENTIFIER ONLY.

REVISION	DESCRIPTION	DATE
REVISION NOTE FOR DIRECTIONAL BORING		09-15-25
REVISION REV 2		DATE
REVISION REV 3		DATE
REVISION REV 4		DATE

DRAWN BY	AJM	DATE	3/10/2025
DESIGNED BY	AJM	DATE	3/10/2025
CHECKED BY	JG	DATE	
APPROVED BY	JG	DATE	

SCALE



PUBLIC WORKS
ENGINEERING DIVISION
PROJECT NO. F2303

PATTERSON ROAD TRAIL
COVER SHEET

E1
of 19



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PO 3211 GRAND JCT., CO 81502
EMAIL: joelm@ACMengrs.com

Schedule of Lighting Devices							
ITEM No.				613-30005	613-40012	See note 2	
LONG DESCRIPTION				LIGHT STANDARD	LIGHT STANDARD	LUMINAIRE LED	NOTES
UNITS							
		X	Y	EACH	EACH	EACH	
SHEET NO.	I.D. NO.	NORTHING	EASTING				
E5	SA-1	82029.210	44704.095	1	1	1	1,2,3
E5	SA-2	82119.163	44696.751	1	1	1	1,2,3
E6	SA-3	82209.210	44676.095	1	1	1	1,2,3
E6	SA-4	82286.263	44679.751	1	1	1	1,2,3
E6	SA-5	82359.655	44678.368	1	1	1	1,2,3
E6	SA-6	82427.696	44678.192	1	1	1	1,2,3
E6	SA-7	82520.569	44678.712	1	1	1	1,2,3
E6	SA-8	82610.569	44683.458	1	1	1	1,2,3
E6	SA-9	82700.569	44679.784	1	1	1	1,2,3
E7	SA-10	82790.569	44682.908	1	1	1	1,2,3
E7	SA-11	82880.569	44683.509	1	1	1	1,2,3
E7	SA-12	82970.522	44681.368	1	1	1	1,2,3
E7	SA-13	83060.522	44681.818	1	1	1	1,2,3
E7	SA-14	83150.522	44682.337	1	1	1	1,2,3
E7	SA-15	83240.522	44706.224	1	1	1	1,2,3
E8	SA-16	83330.522	44683.013	1	1	1	1,2,3
E8	SA-17	83420.522	44682.880	1	1	1	1,2,3
E8	SA-18	83510.522	44682.747	1	1	1	1,2,3
E8	SA-19	83600.522	44682.630	1	1	1	1,2,3
E8	SA-20	83690.522	44682.411	1	1	1	1,2,3
E8	SA-21	83780.522	44705.681	1	1	1	1,2,3
E9	SA-22	83863.069	44682.087	1	1	1	1,2,3
E9	SA-23	83945.697	44705.309	1	1	1	1,2,3
E9	SA-24	84024.998	44707.499	1	1	1	1,2,3
E9	SA-25	84114.030	44710.677	1	1	1	1,2,3
E9	SA-26	84248.616	44712.431	1	1	1	1,2,3
E9	SA-27	84319.645	44712.671	1	1	1	1,2,3
E9	SA-28	84381.982	44713.017	1	1	1	1,2,3
TABLE TOTALS				28	28	28	
SCHEDULE OF LIGHTING DEVICES NOTES:							
1. FOUNDATION TOP HEIGHT EQUAL TO ADJACENT SIDEWALK							
2. LUMINAIRE LED (66 WATT) IS TO BE INCLUDED IN THE COST OF PAY ITEM 613-30005 LIGHT STANDARD AND LUMINAIRE (PEDESTRIAN)							
3. BASE BID							



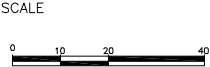
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REVISION	DESCRIPTION	DATE
REVISION Δ REV 1	REVISED FOR RELOCATED LIGHTS SA-23,SA-24	08-26-25
REVISION Δ REV 2		
REVISION Δ REV 3		
REVISION Δ REV 4		

DRAWN BY	AJM	DATE	3/10/2025
DESIGNED BY	AJM	DATE	3/10/2025
CHECKED BY	JG	DATE	
APPROVED BY	JG	DATE	



PUBLIC WORKS
ENGINEERING DIVISION
PROJECT NO. F2303

PATTERSON ROAD TRAIL
LIGHTING SCHEDULES

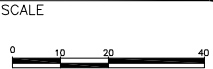
Schedule of Lighting Devices							
ITEM No.				613-30005	613-40012	See note 2	
LONG DESCRIPTION				LIGHT STANDARD AND LUMINAIRE (PEDESTRIAN)	LIGHT STANDARD FOUNDATION SPECIAL	LUMINAIRE LED (66 WATT)	NOTES
				EACH	EACH	EACH	
SHEET NO.	I.D. NO.	NORTHING	EASTING				
E10	SA-29	84471.241	44713.326	1	1	1	1,2,3
E10	SA-30	84535.325	44671.288	1	1	1	1,2,3
E10	SA-31	84602.100	44669.861	1	1	1	1,2,3
E10	SA-32	84692.100	44679.126	1	1	1	1,2,3
E10	SA-33	84782.100	44680.927	1	1	1	1,2,3
E10	SA-34	84872.100	44680.900	1	1	1	1,2,3
E11	SA-35	84962.100	44680.872	1	1	1	1,2,3
E11	SA-36	85052.099	44680.847	1	1	1	1,2,3
E11	SA-37	85142.100	44680.822	1	1	1	1,2,3
E11	SA-38	85201.788	44679.954	1	1	1	1,2,3
E11	SA-39	85291.788	44679.370	1	1	1	1,2,3
E11	SA-40	85381.791	44678.735	1	1	1	1,2,3
E11	SA-41	85471.791	44701.602	1	1	1	1,2,3
E12	SA-42	85567.093	44680.561	1	1	1	1,2,3
E12	SA-43	85651.791	44676.705	1	1	1	1,2,3
E12	SA-44	85741.791	44676.433	1	1	1	1,2,3
E12	SA-45	85831.788	44700.865	1	1	1	1,2,3
E12	SA-46	85921.788	44705.224	1	1	1	1,2,3
E12	SA-47	86011.791	44675.824	1	1	1	1,2,3
E13	SA-48	86101.788	44700.876	1	1	1	1,2,3
E13	SA-49	86191.788	44705.326	1	1	1	1,2,3
E13	SA-50	86281.788	44679.482	1	1	1	1,2,3
E13	SA-51	86371.791	44678.809	1	1	1	1,2,3
E13	SA-52	86461.791	44699.589	1	1	1	1,2,3
E13	SA-53	86551.791	44706.334	1	1	1	1,2,3
E14	SA-54	86641.791	44707.009	1	1	1	1,2,3
E14	SA-55	86731.788	44706.939	1	1	1	1,2,3
TABLE TOTALS				27	27	27	
SCHEDULE OF LIGHTING DEVICES NOTES:							
1. FOUNDATION TOP HEIGHT EQUAL TO ADJACENT SIDEWALK							
2. LUMINAIRE LED (66 WATT) IS TO BE INCLUDED IN THE COST OF PAY ITEM 613-30005 LIGHT STANDARD AND LUMINAIRE (PEDESTRIAN)							
3. BASE BID							

Tabulation of Approximate Quantities				
Item No.	Construction Note Description	Quantity	Unit	NOTES
613-01200	2InchElectrical Conduit (Plastic)(For Electrical)	5668	LF	
613-01201	2InchElectrical Conduit (Plastic) (For Fiber)		LF	
613-07001	Type 2 Pull Box	64	EA	
613-50106	Lighting Control Center (Special)	2	EA	
613-30005	Light Standard and Luminaire Single (Pedestrian)	55	EA	
613-40012	Light Standard Foundation (Pedestrian Special)	55	EA	
SUMMARY NOTES:				

△

REVISION	DESCRIPTION	DATE
REVISION △ REV 1	REVISED FOR RELOCATED LIGHTS SA-42, UPDATE TABLE	08-26-25
REVISION △ REV 2		
REVISION △ REV 3		
REVISION △ REV 4		

DRAWN BY	AJM	DATE	3/10/2025
DESIGNED BY	AJM	DATE	3/10/2025
CHECKED BY	IG	DATE	
APPROVED BY	IG	DATE	



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ENGINEERING DIVISION
PROJECT NO. F2303

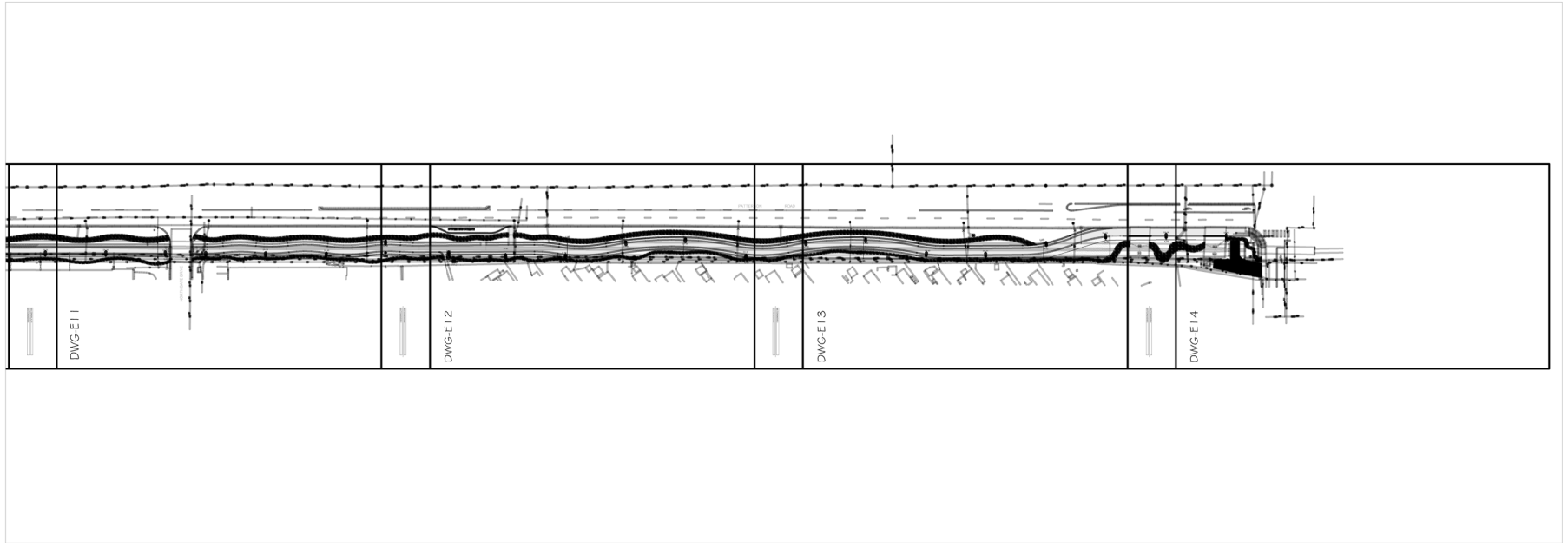
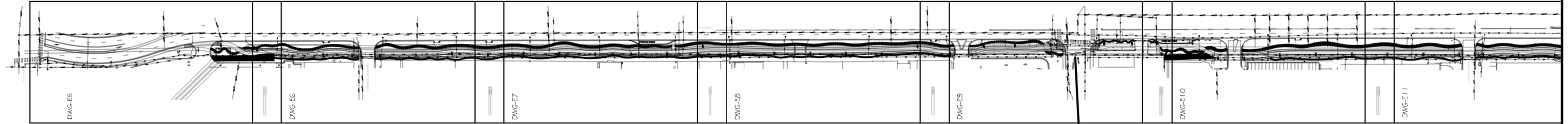
PATTERSON ROAD TRAIL
LIGHTING SCHEDULES



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LIGHTING/ELECTRICAL PLAN KEY MAP
SCALE: 1"=250'



GENERAL NOTES:

1. POWER CIRCUIT AS SHOWN ON DRAWING, TYPICAL.
2. LIGHT TO BE ORIENTED TO BE PERPENDICULAR TO SIDEWALK AND SHINE ON SIDEWALK, TYPICAL.
3. PROVIDE 2-#6 THWN + #8GND IN 2" PVC SCHEDULE 80 CONDUIT BETWEEN PULL BOXES UNLESS SHOWN OTHERWISE, TYPICAL. WIRE LIGHTS IN PARALLEL NOT SERIES TO REDUCE VOLTAGE DROP.
4. FIELD VERIFY THAT LIGHT PEDESTAL WILL CLEAR 10" IRRIGATION TRENCH, 96" RCP IRRIGATION AND 96" RCP STORM PRIOR TO BORING AND INSTALLATION.

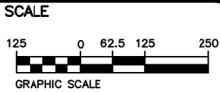


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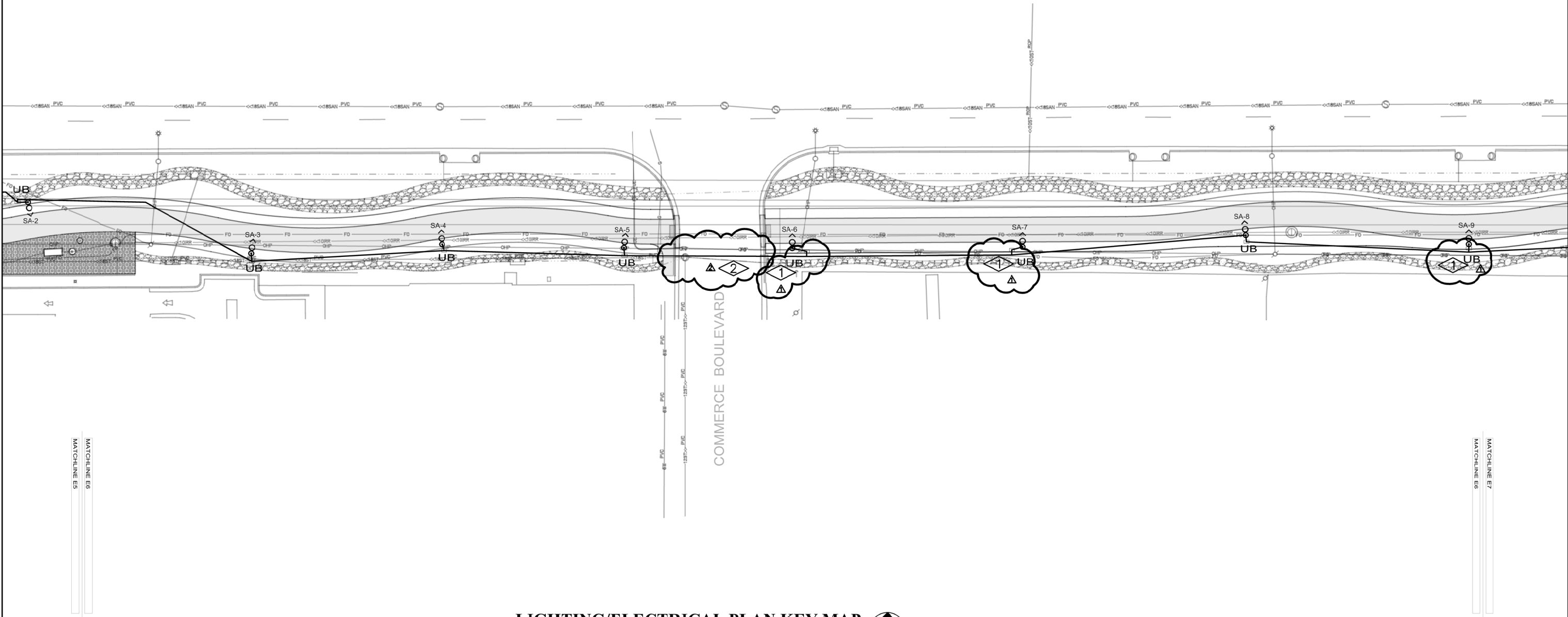
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REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
REVISION Δ REV 1			AJM	3/10/2025
REVISION Δ REV 2			AJM	3/10/2025
REVISION Δ REV 3			IG	
REVISION Δ REV 4			IG	



PUBLIC WORKS
ENGINEERING DIVISION
PROJECT NO. F2303

PATTERSON ROAD TRAIL
LIGHTING/ELECTRICAL PLAN KEY



GENERAL NOTES:

1. POWER CIRCUIT AS SHOWN ON DRAWING, TYPICAL.
2. LIGHT TO BE ORIENTED TO BE PERPENDICULAR TO SIDEWALK AND SHINE ON SIDEWALK, TYPICAL.
3. PROVIDE 2-#6 THWN + #8GND IN 2" PVC SCHEDULE 80 CONDUIT BETWEEN PULL BOXES UNLESS SHOWN OTHERWISE, TYPICAL. WIRE LIGHTS IN PARALLEL NOT SERIES TO REDUCE VOLTAGE DROP.
4. FIELD VERIFY THAT LIGHT PEDESTAL WILL CLEAR 10" IRRIGATION TRENCH, 96" RCP IRRIGATION AND 96" RCP STORM PRIOR TO BORING AND INSTALLATION.

FLAG NOTES:

- 1 FIELD VERIFY THAT PULL BOX IS INSTALLED NORTH OF ROW LINE, TYPICAL.
- 2 DIRECTIONALLY BORE CONDUIT UNDER EXISTING ROADWAY, FIELD VERIFY EXACT LOCATION OF BORE WITH ENGINEERING PRIOR TO START OF BORING.



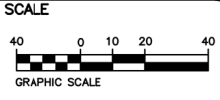
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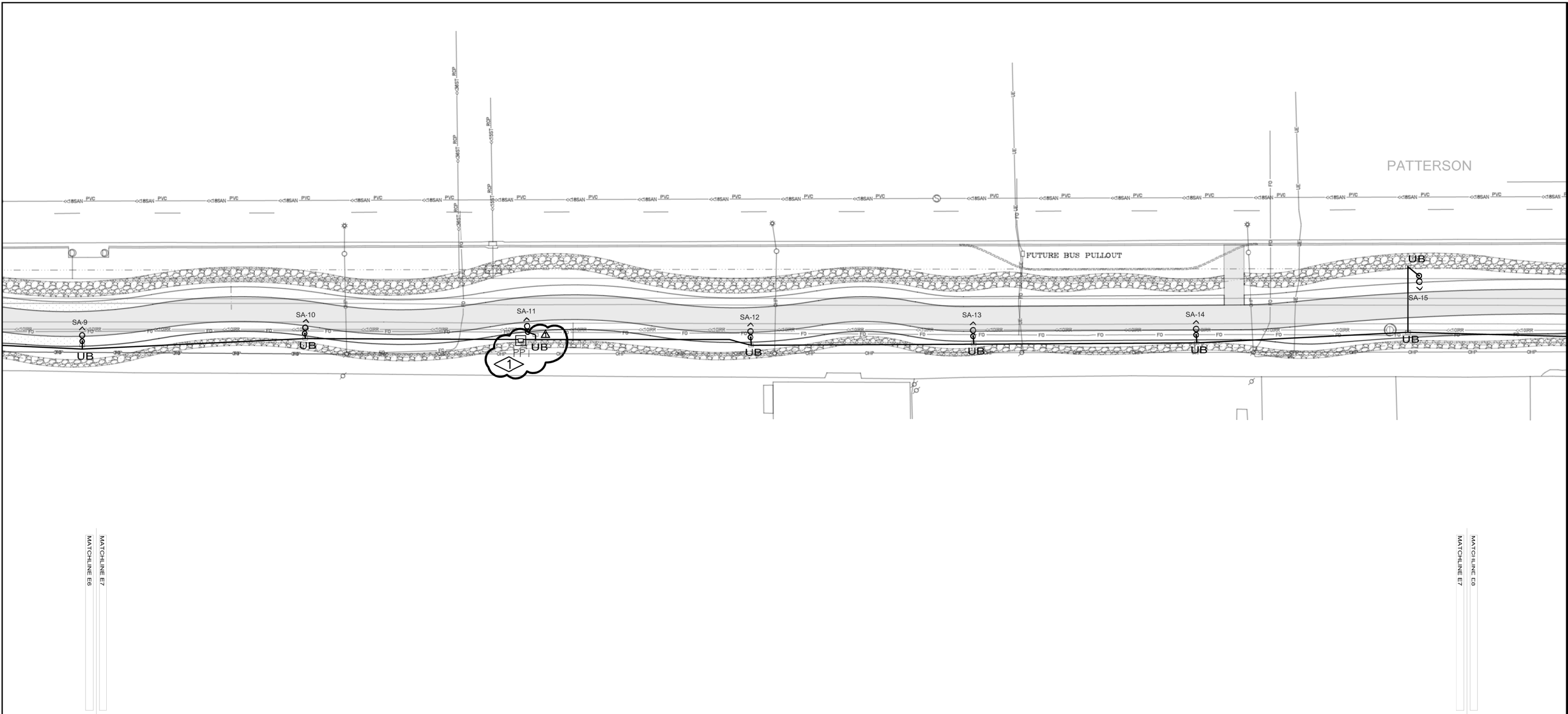
REVISION	DESCRIPTION	DATE
REVISION 1	RELOCATED PULL BOXES TO NORTH OF ROW LINE	08-26-25
REVISION 2	NOTE FOR DIRECTIONAL BORING	09-15-25
REVISION 3		
REVISION 4		

DRAWN BY	AJM	DATE	3/10/2025
DESIGNED BY	AJM	DATE	3/10/2025
CHECKED BY	IG	DATE	
APPROVED BY	IG	DATE	



PUBLIC WORKS
ENGINEERING DIVISION
PROJECT NO. F2303

PATTERSON ROAD TRAIL
SITE LIGHTING PLAN



LIGHTING/ELECTRICAL PLAN KEY MAP
SCALE: 1"=40'

GENERAL NOTES:

1. POWER CIRCUIT AS SHOWN ON DRAWING, TYPICAL.
2. LIGHT TO BE ORIENTED TO BE PERPENDICULAR TO SIDEWALK AND SHINE ON SIDEWALK, TYPICAL.
3. PROVIDE 2-#6 THWN + #8GND IN 2" PVC SCHEDULE 80 CONDUIT BETWEEN PULL BOXES UNLESS SHOWN OTHERWISE, TYPICAL. WIRE LIGHTS IN PARALLEL NOT SERIES TO REDUCE VOLTAGE DROP.
4. FIELD VERIFY THAT LIGHT PEDESTAL WILL CLEAR 10" IRRIGATION TRENCH, 96" RCP IRRIGATION AND 96" RCP STORM PRIOR TO BORING AND INSTALLATION.

FLAG NOTES:

1 FIELD VERIFY THAT PULL BOX AND "PP1" ARE INSTALLED NORTH OF ROW LINE, TYPICAL.



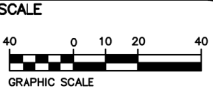
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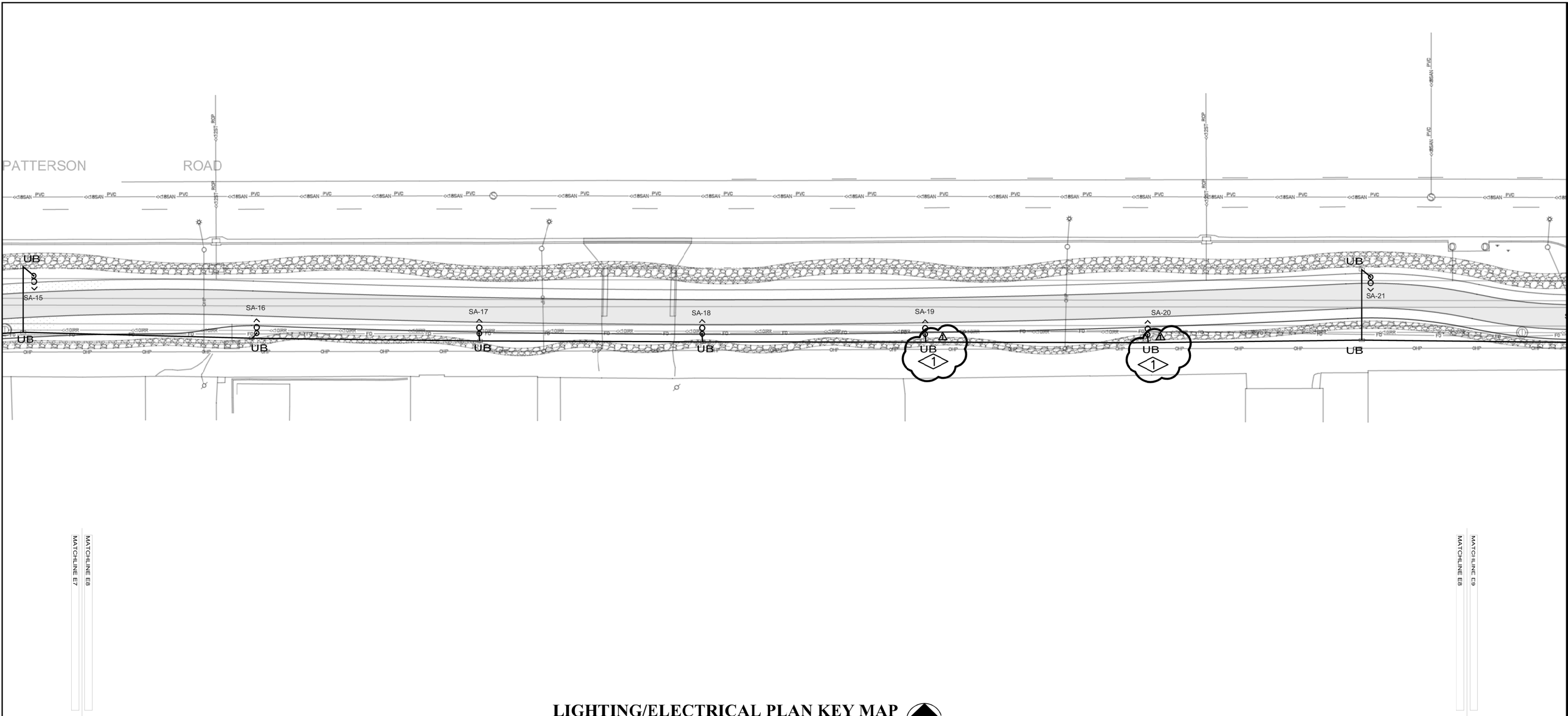
REVISION	DESCRIPTION	DATE
REVISION 1	PP1 AND PULLBOX NORTH OF ROW LINE	08-26-25
REVISION 2		
REVISION 3		
REVISION 4		

DRAWN BY	AJM	DATE	3/10/2025
DESIGNED BY	AJM	DATE	3/10/2025
CHECKED BY	JG	DATE	
APPROVED BY	JG	DATE	



PUBLIC WORKS
ENGINEERING DIVISION
PROJECT NO. F2303

PATTERSON ROAD TRAIL
SITE LIGHTING PLAN



LIGHTING/ELECTRICAL PLAN KEY MAP
SCALE: 1"=40'

GENERAL NOTES:

1. POWER CIRCUIT AS SHOWN ON DRAWING, TYPICAL.
2. LIGHT TO BE ORIENTED TO BE PERPENDICULAR TO SIDEWALK AND SHINE ON SIDEWALK, TYPICAL.
3. PROVIDE 2-#6 THWN + #8GND IN 2" PVC SCHEDULE 80 CONDUIT BETWEEN PULL BOXES UNLESS SHOWN OTHERWISE, TYPICAL. WIRE LIGHTS IN PARALLEL NOT SERIES TO REDUCE VOLTAGE DROP.
4. FIELD VERIFY THAT LIGHT PEDESTAL WILL CLEAR 10" IRRIGATION TRENCH, 96" RCP IRRIGATION AND 96" RCP STORM PRIOR TO BORING AND INSTALLATION.

FLAG NOTES:

 FIELD VERIFY THAT PULL BOX IS INSTALLED NORTH OF ROW LINE, TYPICAL.



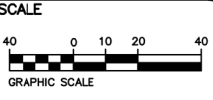
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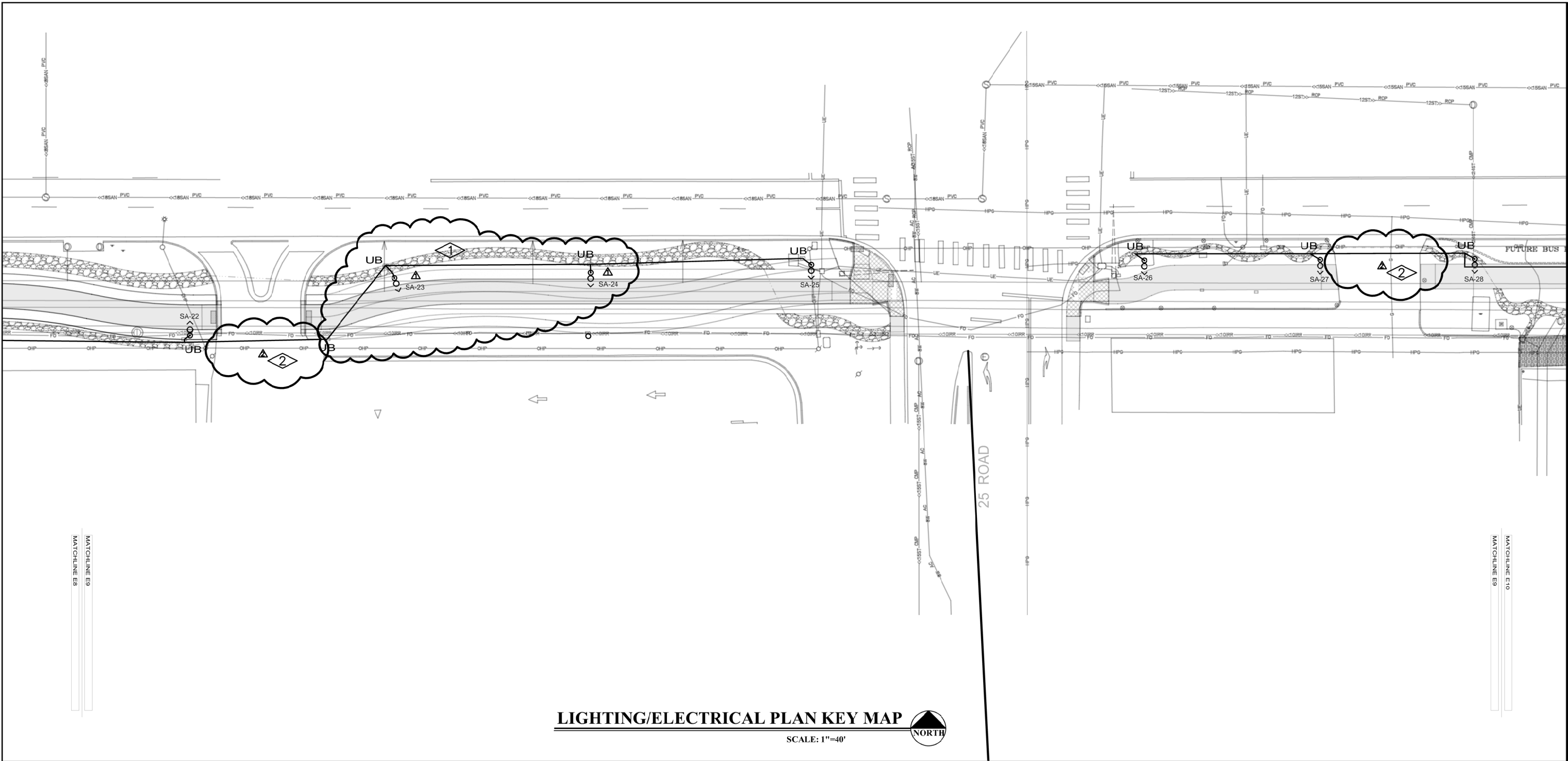
REVISION	DESCRIPTION	DATE
REVISION 1	RELOCATED PULL BOXES TO NORTH OF ROW LINE	08-26-25
REVISION 2		DATE
REVISION 3		DATE
REVISION 4		DATE

DRAWN BY	AJM	DATE	3/10/2025
DESIGNED BY	AJM	DATE	3/10/2025
CHECKED BY	IG	DATE	
APPROVED BY	IG	DATE	



PUBLIC WORKS
ENGINEERING DIVISION
PROJECT NO. F2303

PATTERSON ROAD TRAIL
SITE LIGHTING PLAN



LIGHTING/ELECTRICAL PLAN KEY MAP

SCALE: 1"=40'



GENERAL NOTES:

- 1. POWER CIRCUIT AS SHOWN ON DRAWING, TYPICAL.
- 2. LIGHT TO BE ORIENTED TO BE PERPENDICULAR TO SIDEWALK AND SHINE ON SIDEWALK, TYPICAL.
- 3. PROVIDE 2-#6 THWN + #8GND IN 2" PVC SCHEDULE 80 CONDUIT BETWEEN PULL BOXES UNLESS SHOWN OTHERWISE, TYPICAL. WIRE LIGHTS IN PARALLEL NOT SERIES TO REDUCE VOLTAGE DROP.
- 4. FIELD VERIFY THAT LIGHT PEDESTAL WILL CLEAR 10" IRRIGATION TRENCH, 96" RCP IRRIGATION AND 96" RCP STORM PRIOR TO BORING AND INSTALLATION.

FLAG NOTES:



- 1 FIELD VERIFY NEW TRAIL ALIGNMENT WITH CITY PRIOR TO TRENCHING, TYPICAL.
- 2 DIRECTIONALLY BORE CONDUIT UNDER EXISTING ACCESS DRIVEWAYS, FIELD VERIFY EXACT LOCATION OF BORE WITH ENGINEERING PRIOR TO START OF BORING.



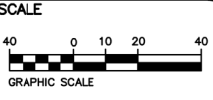
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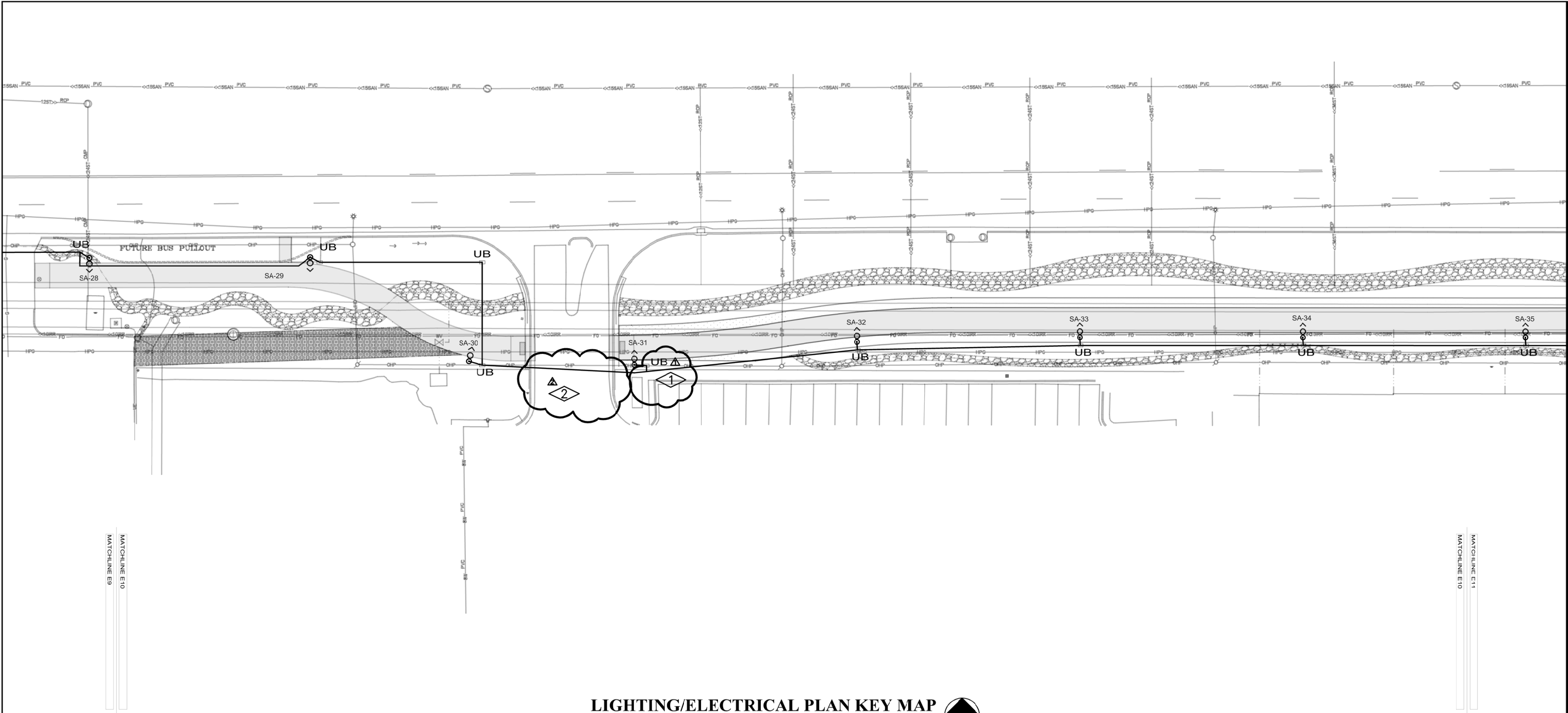
REVISION	DESCRIPTION	DATE
REVISION 1	RELOCATED SA-23 AND SA-24	08-28-25
REVISION 2	NOTE FOR DIRECTIONAL BORING	09-15-25
REVISION 3	REV 3	DATE
REVISION 4	REV 4	DATE

DRAWN BY	AJM	DATE	3/10/2025
DESIGNED BY	AJM	DATE	3/10/2025
CHECKED BY	IG	DATE	
APPROVED BY	IG	DATE	



**PUBLIC WORKS
ENGINEERING DIVISION**
PROJECT NO. F2303

**PATTERSON ROAD TRAIL
SITE LIGHTING PLAN**



LIGHTING/ELECTRICAL PLAN KEY MAP

SCALE: 1"=40'



GENERAL NOTES:

1. POWER CIRCUIT AS SHOWN ON DRAWING, TYPICAL.
2. LIGHT TO BE ORIENTED TO BE PERPENDICULAR TO SIDEWALK AND SHINE ON SIDEWALK, TYPICAL.
3. PROVIDE 2-#6 THWN + #8GND IN 2" PVC SCHEDULE 80 CONDUIT BETWEEN PULL BOXES UNLESS SHOWN OTHERWISE, TYPICAL. WIRE LIGHTS IN PARALLEL NOT SERIES TO REDUCE VOLTAGE DROP.
4. FIELD VERIFY THAT LIGHT PEDESTAL WILL CLEAR 1'0" IRRIGATION TRENCH, 96" RCP IRRIGATION AND 96" RCP STORM PRIOR TO BORING AND INSTALLATION.

FLAG NOTES:

- 1 FIELD VERIFY THAT PULL BOX IS INSTALLED NORTH OF FENCE LINE, TYPICAL.
- 2 DIRECTIONALLY BORE CONDUIT UNDER EXISTING ACCESS DRIVEWAYS, FIELD VERIFY EXACT LOCATION OF BORE WITH ENGINEERING PRIOR TO START OF BORING.



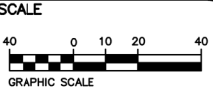
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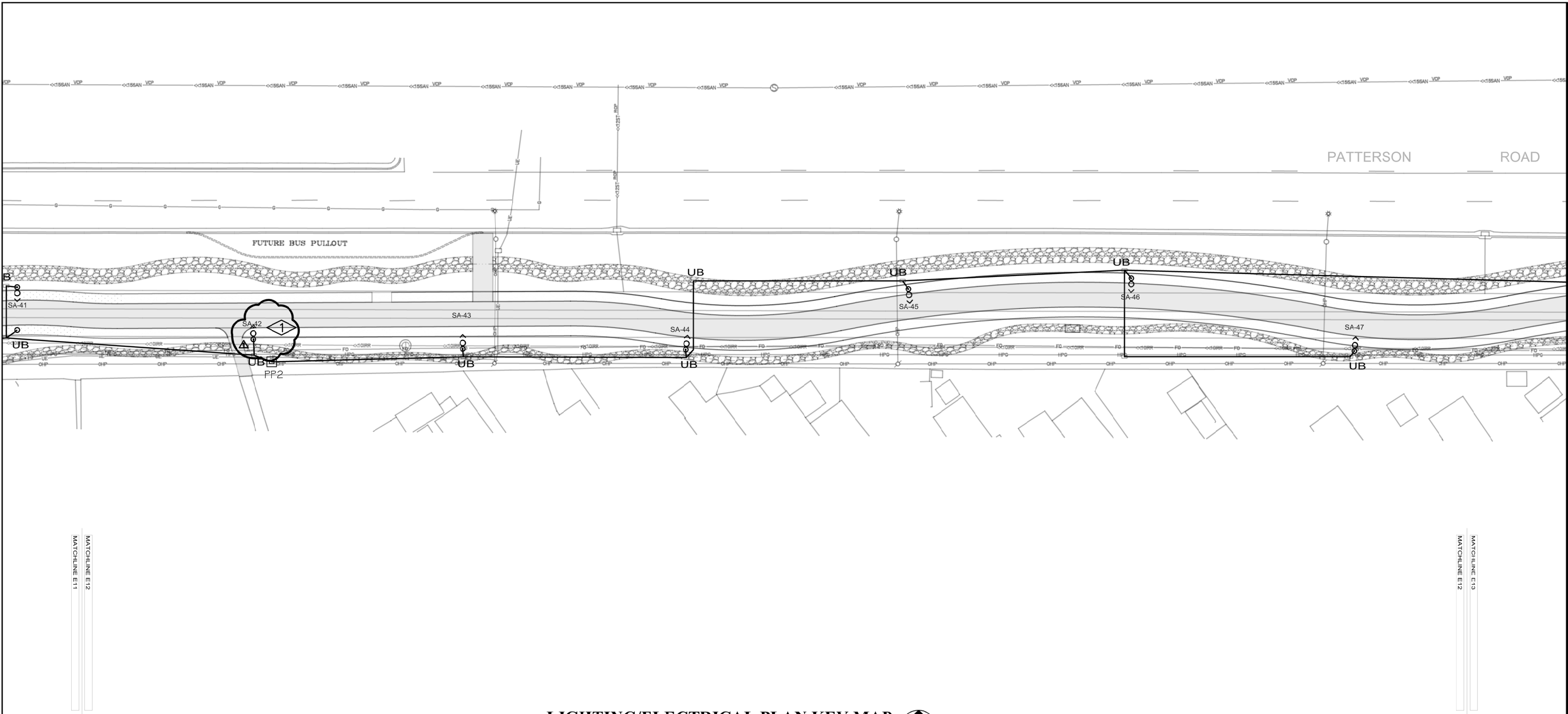
REVISION	DESCRIPTION	DATE
REVISION 1	RELOCATED PULLBOX TO NORTH OF FENCE	08-26-25
REVISION 2	NOTE FOR DIRECTIONAL BORING	09-15-25
REVISION 3	REV 3	DATE
REVISION 4	REV 4	DATE

DRAWN BY	AJM	DATE	3/10/2025
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**PUBLIC WORKS
ENGINEERING DIVISION**
PROJECT NO. F2303

**PATTERSON ROAD TRAIL
SITE LIGHTING PLAN**



LIGHTING/ELECTRICAL PLAN KEY MAP
SCALE: 1"=40'

GENERAL NOTES:

1. POWER CIRCUIT AS SHOWN ON DRAWING, TYPICAL.
2. LIGHT TO BE ORIENTED TO BE PERPENDICULAR TO SIDEWALK AND SHINE ON SIDEWALK, TYPICAL.
3. PROVIDE 2-#6 THWN + #8GND IN 2" PVC SCHEDULE 80 CONDUIT BETWEEN PULL BOXES UNLESS SHOWN OTHERWISE, TYPICAL. WIRE LIGHTS IN PARALLEL NOT SERIES TO REDUCE VOLTAGE DROP.
4. FIELD VERIFY THAT LIGHT PEDESTAL WILL CLEAR 10" IRRIGATION TRENCH, 96" RCP IRRIGATION AND 96" RCP STORM PRIOR TO BORING AND INSTALLATION.

FLAG NOTES:

FIELD VERIFY THAT LIGHT "SA-42" IS INSTALLED NORTH OF STORM LINE.



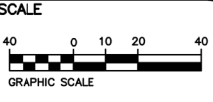
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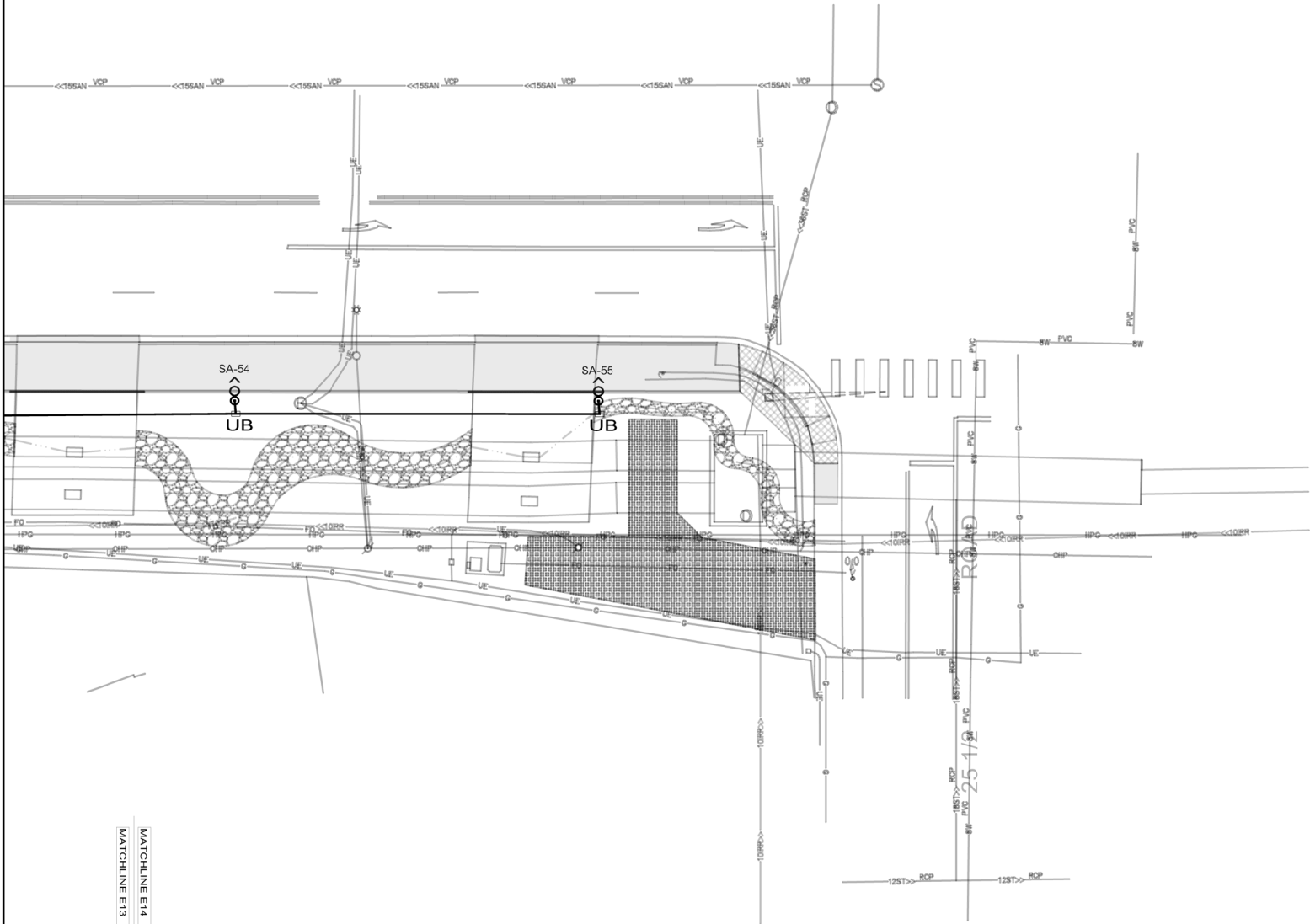
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REVISION 1	SA-42 MOVED NORTH OF STORM LINE	08-26-25
REVISION 2	REV 2	DATE
REVISION 3	REV 3	DATE
REVISION 4	REV 4	DATE

DRAWN BY	AJM	DATE	3/10/2025
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CHECKED BY	IG	DATE	
APPROVED BY	IG	DATE	



**PUBLIC WORKS
ENGINEERING DIVISION**
PROJECT NO. F2303

**PATTERSON ROAD TRAIL
SITE LIGHTING PLAN**



LIGHTING/ELECTRICAL PLAN KEY MAP
SCALE: 1"=40'

GENERAL NOTES:

1. POWER CIRCUIT AS SHOWN ON DRAWING, TYPICAL.
2. LIGHT TO BE ORIENTED TO BE PERPENDICULAR TO SIDEWALK AND SHINE ON SIDEWALK, TYPICAL.
3. PROVIDE 2-#6 THWN + #8GND IN 2" PVC SCHEDULE 80 CONDUIT BETWEEN PULL BOXES UNLESS SHOWN OTHERWISE, TYPICAL. WIRE LIGHTS IN PARALLEL NOT SERIES TO REDUCE VOLTAGE DROP.
4. FIELD VERIFY THAT LIGHT PEDESTAL WILL CLEAR 10" IRRIGATION TRENCH, 96" RCP IRRIGATION AND 96" RCP STORM PRIOR TO BORING AND INSTALLATION.



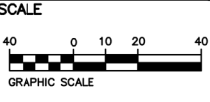
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REVISION 3		
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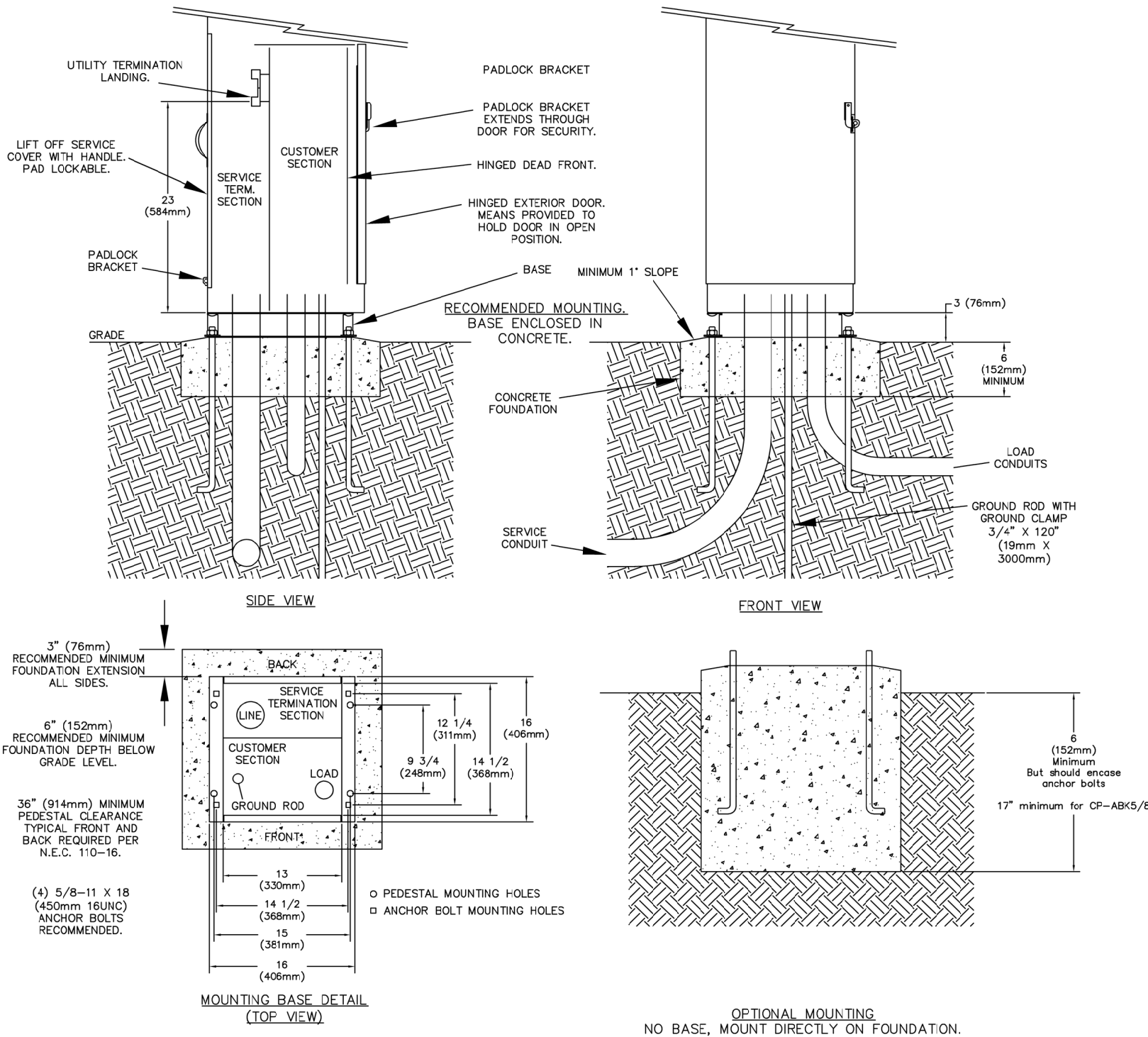


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ENGINEERING DIVISION
PROJECT NO. F2303

PATTERSON ROAD TRAIL
SITE LIGHTING PLAN

NOTES

1. DRAWING DEPICTS TYPICAL INSTALLATION, COORDINATE EXACT INSTALLATION FOR SPECIFIC MODEL WITH PROVIDER PRIOR TO PURCHASING. CONTROL CABINET SHALL BE U/L LISTED "INDUSTRIAL CONTROL PANEL" PER UL 508.
2. CONSTRUCTION SHALL BE NEMA 3R. 12 GA. A60 STEEL POWDER COATED MINT GREEN WITH PHOTO ELECTRIC CELL IN SERVICE CABINET. ELECTRICAL CONTRACTOR TO PROVIDE PHOTOCELL.
3. VOLTAGE RATINGS OF SERVICE EQUIPMENT SHALL CONFORM TO THE SERVICE VOLTAGES INDICATED ON THE PLANS.
4. SERVICE EQUIPMENT ENCLOSURE AND METERING EQUIPMENT SHALL MEET THE REQUIREMENTS OF THE SERVING UTILITY. WHEN THE SERVING UTILITY PROVIDES BOTH METERED AND UN-METERED CIRCUITS, A SEPARATE BUS SHALL BE PROVIDED FOR EACH CIRCUIT. THE METER AREA SHALL HAVE A SEALING, LOCKABLE, RAIN TIGHT COVER THAT CAN BE REMOVED WITHOUT THE USE OF TOOLS.
5. SERVICE EQUIPMENT SHALL BE FACTORY WIRED AND CONFORM TO NEMA STANDARDS.
6. THE EXTERIOR DOOR SHALL HAVE PROVISIONS FOR PADLOCKING. THE PADLOCK HOLE SHALL BE A MINIMUM DIAMETER OF 11mm.
7. ALL TERMINALS FOR INCOMING SERVICE CONDUCTORS SHALL BE COMPATIBLE WITH EITHER COPPER OR ALUMINUM CONDUCTORS SIZED TO SUIT THE CONDUCTORS SHOWN ON THE PLAN. TERMINAL LUGS SHALL BE COPPER OR TIN-PLATED ALUMINUM. SOLID NEUTRAL TERMINAL STRIP SHALL BE RATED 125A UNLESS OTHERWISE SPECIFIED AND FOR USE WITH COPPER OR ALUMINUM CONDUCTORS. THE TERMINAL SHOULD INCLUDE BUT NOT BE LIMITED TO:
 - A) INCOMING TERMINALS (LANDING LUGS)
 - B) NEUTRAL LUGS
 - C) SOLID NEUTRAL TERMINAL STRIP.
 - D) TERMINAL STRIPS FOR CONDUCTORS WITHIN THE ENCLOSURE.
8. AT LEAST 4 STANDARD SINGLE POLE 208V AND 1 SINGLE POLE 120 CIRCUIT BREAKER SPACES (20mm NOMINAL) SHALL BE PROVIDED FOR BRANCH CIRCUITS. CIRCUIT BREAKER INTERIORS SHALL BE COPPER. INTERIORS SHALL ACCEPT PLUG-IN OR CABLE-IN/ CABLE-OUT CIRCUIT BREAKERS.
9. PLUG-IN CIRCUIT BREAKERS MAY BE MOUNTED IN THE VERTICAL OR HORIZONTAL POSITION. CABLE-IN/ CABLE-OUT CIRCUIT BREAKERS SHALL BE MOUNTED IN THE VERTICAL POSITION.
10. FASTENERS ON THE EXTERIOR OF THE ENCLOSURE SHALL BE VANDAL RESISTANT AND SHALL NOT BE REMOVABLE FROM THE EXTERIOR. ALL NUTS, BOLTS, SCREWS, WASHERS, AND HINGES SHALL BE STAINLESS STEEL.
11. PHENOLIC NAME PLATES SHALL BE PROVIDED AS REQUIRED.
12. A PLASTIC COVERED WIRING DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
13. FOUNDATION SHALL EXTEND 50mm MINIMUM BEYOND EDGE OF ENCLOSURE.



B TYPICAL POWER PEDESTAL/LIGHTING CONTROL CENTER (SPECIAL) PLAN
1 NOT TO SCALE

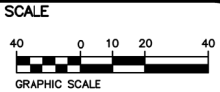


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REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
REVISION Δ REV 1			AJM	3/10/2025
REVISION Δ REV 2			AJM	3/10/2025
REVISION Δ REV 3			IG	
REVISION Δ REV 4			IG	



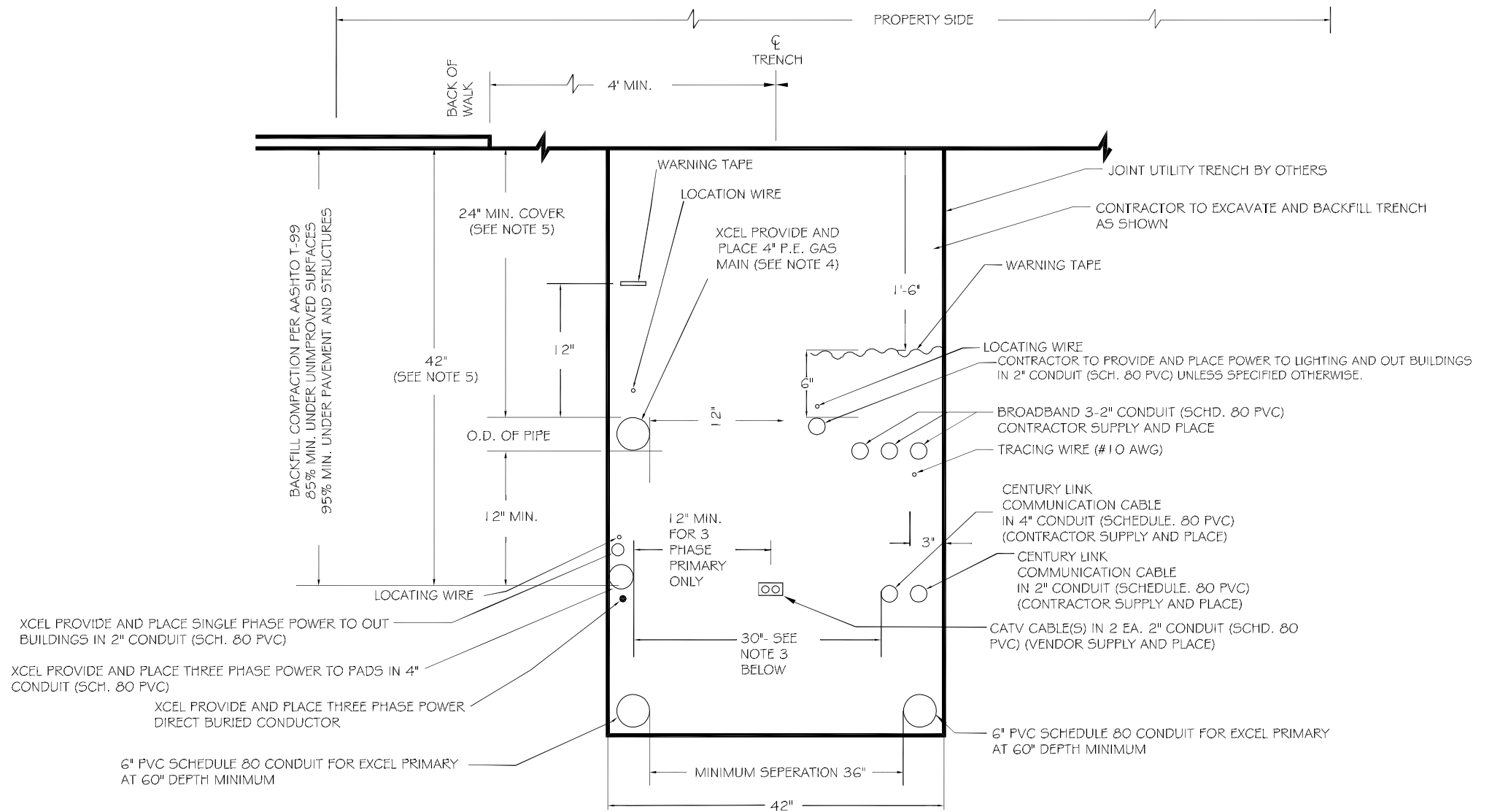
PUBLIC WORKS
ENGINEERING DIVISION
PROJECT NO. F2303

PATTERSON ROAD TRAIL
PEDESTAL DETAILS

E16
of 19

GENERAL NOTES:

1. FOR EASE OF CONSTRUCTION AND MAINTENANCE, PRIMARY CABLE SHOULD BE 12" TO 24" FROM COMMUNICATION CABLES. HOWEVER NESC REQUIREMENTS PERMIT "SUPPLY AND COMMUNICATION CABLES TO BE BURIED TOGETHER AT THE SAME DEPTH WIN NO DELIBERATE SEPARATIONS BETWEEN FACILITIES PROVIDED ALL PARTIES ARE IN AGREEMENT."
2. ONLY SINGLE PHASE SUPPLY CABLES CAN BE BURIED AT THE SAME DEPTH WITH NO DELIBERATE SEPARATION WITH COMMUNICATION CABLES. THREE PHASE CABLES MUST BE SEPARATED BY A MINIMUM OF 1 FOOT (REFERENCE NESC 354.D.3A).
3. 30" TRENCH WIDTH SHOULD BE USED WHEN ALL FOUR UTILITIES ARE INCLUDED.
4. STEEL GAS PIPE OR STEEL DUCT IS NOT ALLOWED FOR JOINT TRENCH CONSTRUCTION.
5. WHERE UNDERGROUND UTILITIES CROSS OR ENCROACH INTO CITY STREETS THEY SHALL BE INSTALLED TO A DEPTH PROVIDING 3' MINIMUM COVER BELOW FINISHED GRADE.



D
1
TYPICAL COMMON TRENCH DETAIL PROPERTY SIDE
NOT TO SCALE



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REVISION	DESCRIPTION	DATE
REVISION 1	REV 1	DATE
REVISION 2	REV 2	DATE
REVISION 3	REV 3	DATE
REVISION 4	REV 4	DATE

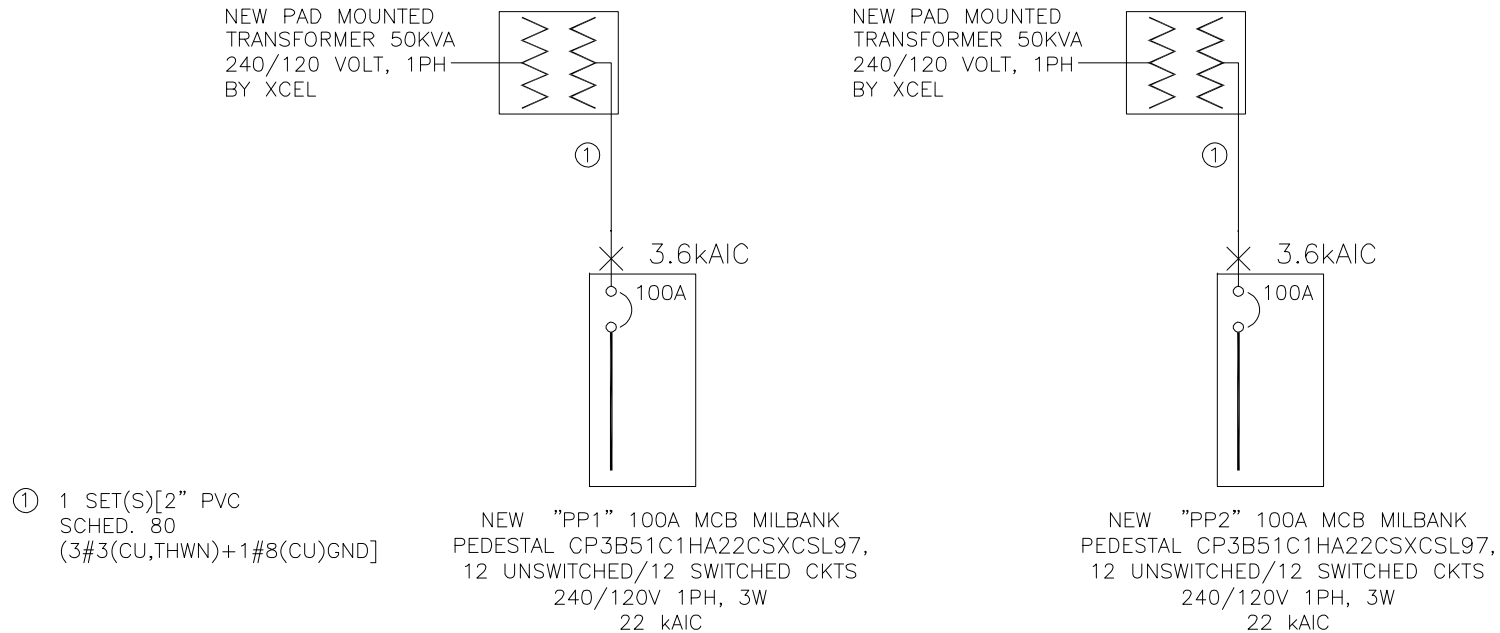
DRAWN BY	AJM	DATE	3/10/2025
DESIGNED BY	AJM	DATE	3/10/2025
CHECKED BY	IG	DATE	
APPROVED BY	IG	DATE	

SCALE
N.T.S.



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ENGINEERING DIVISION
PROJECT NO. F2303

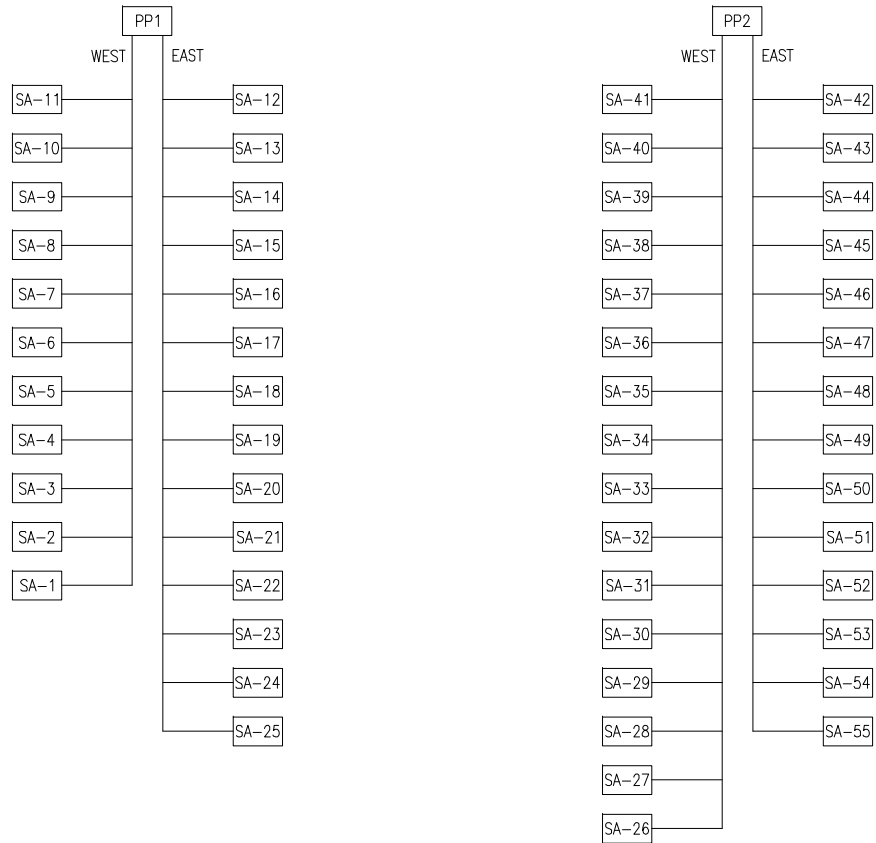
PATTERSON ROAD TRAIL
TYPICAL TRENCH DETAIL



A
1

ONE-LINE DIAGRAM

NOT TO SCALE



A
2

CONNECTION DIAGRAM

NOT TO SCALE

GENERAL NOTES:

1. IN AS MUCH AS DESIGN REQUIRES THAT CERTAIN ASSUMPTIONS BE MADE REGARDING EXISTING CONDITIONS, AND BECAUSE SOME OF THESE ASSUMPTIONS CANNOT BE VERIFIED. FIELD COORDINATION DURING CONSTRUCTION SERVICES IS IMPERATIVE. CONTRACTORS BIDDING THIS WORK MUST MAKE REASONABLE ALLOWANCES FOR UNFORESEEN CONTINGENCIES.
2. THE SERVING ELECTRICAL ASSOCIATION SHALL ADVISE THE OWNER/ENGINEER PRIOR TO SERVICE MODIFICATION REQUIRING COST TO THE OWNER.
3. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES AS REQUIRED: REFERENCE CIVIL LANDSCAPE AND IRRIGATION DRAWINGS.
4. ALL WIRING IS SHOWN DIAGRAMMATICALLY ON DRAWINGS, FIELD VERIFY ALL CONDITIONS PRIOR TO ROUGH-IN.
5. ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES.
6. ALL WIRE TO LIGHTING TO BE #6 UNLESS NOTED OTHERWISE.
7. CONDUCTOR COUNT IS SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL ENSURE THAT ANY AND ALL DEVICES AND EQUIPMENT ARE CIRCUITED PROPERLY. CONTRACTOR SHALL ENSURE THAT NO EQUIPMENT OR DEVICES ARE COMBINED OTHER THAN WHAT IS DEPICTED.
8. FIELD VERIFY ALL DIMENSIONS, DO NOT SCALE DRAWINGS.
9. COORDINATE INSTALLATION OF METER AND ELECTRICAL REQUIREMENTS WITH XCEL ENERGY.
10. NEW PEDESTAL MUST MEET ALL XCEL ENERGY REQUIREMENTS I.E. COLD SEQUENCE PADLOCK SLIP LATCH ON METER COVER, HOLD OPEN BAR ON METER HOOD.
11. ALL LIGHT LOCATIONS TO HAVE PULLBOX INSTALLED



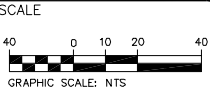
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REVISION 1	REV 1	DATE
REVISION 2	REV 2	DATE
REVISION 3	REV 3	DATE
REVISION 4	REV 4	DATE

DRAWN BY	AJM	DATE	3/10/2025
DESIGNED BY	AJM	DATE	3/10/2025
CHECKED BY	IG	DATE	
APPROVED BY	IG	DATE	



PUBLIC WORKS
ENGINEERING DIVISION
PROJECT NO. F2303

PATTERSON ROAD TRAIL
ONE-LINE DIAGRAMS

PANEL: PP1		DC DEVICE TYPE: Breaker		ENCLOSURE: NEMA 3R		MAINS(A): BKR		CONTINUOUS(A): 100						
LOCATION:		DEVICE FAMILY: Bolt On		MOUNTING: Surface		WIRING: Single-Phase 3-Wire		BUS SC RATING(A): 12000						
FED FROM: BUS-XFMR2				VOLTAGE: 240/120				FAULT CURRENT(A): 1867						
INCIDENT ENERGY: 0.00 Cal/cm2 @18.00(in)				BOUNDARY: 0.00(in)										
DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE A	LOADS B	VA C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
100 2 " "		MAIN " "	GENERAL	0	1	180			2	180	GENERAL	CONTROL POWER		15 1
20 1 20 1		SPARE SPARE	SPARE SPARE	0 0	3 5		0		4 6					
					7 9		0		8 10					
0 2 " "		PP1-WEST " "	NONE	495	11	957			12	462	NONE	PP1-EAST " "		0 2
20 1 20 1		SPARE SPARE	SPARE SPARE	495 0	13 15		957		14 16	462				" "
					17	0			18					
					19		0		20				1	
					21				22					
					23				24					
ALL CONNECTED		KVA	3P AVE	AMPS	* PHASE	TOTALS		VA	AMPS		BUS TOTALS		KVA	
TOTAL CONNECTED		2.06		5.0	* A-N			1106.3	9.2		CONNECTED		2.06	
TOTAL DEMAND		2.06		5.0	* B-N			957.0	8.0		DEMAND		2.06	
TOTAL DESIGN		2.06		5.0	* C-N			0.0	0.0		DESIGN		2.06	

FLAG NOTES:

1 CIRCUITS 1-12 ARE UNSWITCHED, CIRCUITS 13 TO 24 ARE SWITCHED AND CONTROLLED WITH THE CONTRACTOR SUPPLIED PHOTOCELL, TYPICAL..

PANEL: PP2		DC DEVICE TYPE: Breaker		ENCLOSURE: NEMA 3R		MAINS(A): BKR		CONTINUOUS(A): 100						
LOCATION:		DEVICE FAMILY: Bolt On		MOUNTING: Surface		WIRING: Single-Phase 3-Wire		BUS SC RATING(A): 12000						
FED FROM: BUS-XFMR2				VOLTAGE: 240/120				FAULT CURRENT(A): 1867						
INCIDENT ENERGY: 0.00 Cal/cm2 @18.00(in)				BOUNDARY: 0.00(in)										
DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE A	LOADS B	VA C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
100 2 " "		MAIN " "	GENERAL	0	1	180			2	180	GENERAL	CONTROL POWER		15 1
20 1 20 1		SPARE SPARE	SPARE SPARE	0 0	3 5		0		4 6					
					7 9		0		8 10					
0 2 " "		LTS--EAST " "	NONE	462	11	990			12	528	NONE	LTS--WEST " "		0 2 " "
20 1 20 1		SPARE SPARE	SPARE SPARE	462 0	13 15		990		14 16	528				
					17	0			18					
					19		0		20					
					21				22					
					23				24					
ALL CONNECTED		KVA	3P AVE	AMPS	* PHASE	TOTALS		VA	AMPS		BUS TOTALS		KVA	
TOTAL CONNECTED		2.13		5.1	* A-N			1139.1	9.5		CONNECTED		2.13	
TOTAL DEMAND		2.13		5.1	* B-N			990.0	8.3		DEMAND		2.13	
TOTAL DESIGN		2.13		5.1	* C-N			0.0	0.0		DESIGN		2.13	



Know what's below.
Call before you dig.



ACM CONSULTING
ELECTRICAL DESIGN, CONSULTING
ENGINEERS; PH: 970-245-7292
PO 3211 GRAND JCT., CO 81502
EMAIL: joelm@ACMengrs.com

DESCRIPTION	DATE
REVISION A REV 1	- DATE
REVISION A REV 2	- DATE
REVISION A REV 3	- DATE
REVISION A REV 4	- DATE

DRAWN BY AJM	DATE 3/10/2025
DESIGNED BY AJM	DATE 3/10/2025
CHECKED BY JG	DATE
APPROVED BY JG	DATE

SCALE
N.T.S.



PUBLIC WORKS
ENGINEERING DIVISION
PROJECT NO. F2303

PATTERSON ROAD TRAIL
ONE-LINE DIAGRAMS

LANDSCAPE NOTES

- 1. CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- 2. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING POSSESSION OF FINAL PLANS BY GREENBOX STUDIO.
- 3. FLUMIGARD SHALL BE APPLIED TO ALL LANDSCAPE AREAS PER MANUFACTURER'S SPECIFICATIONS PRIOR TO PLACEMENT OF LANDSCAPING ROCK.
- 4. PLACE 3 INCH DEPTH OF ROCK/ MULCH OVER ALL LANDSCAPE AREAS. REMOVE UNSATISFACTORY MATERIAL INCLUDING ROAD BASE, ASPHALT, CONCRETE AND/OR TRASH FROM SITE.
- 5. SOIL IS TO BE COMPACTED TO 85% MODIFIED PROCTOR (WHEEL ROLL) TO MINIMIZE SETTLING. BEDS SHALL SLOPE TOWARD ADJACENT EDGE OF CURB OR FOLLOWING DRAINAGE PATTERNS PER THE GRADING PLAN. MAXIMUM SHRUB BED GRADES SHALL BE 3:1. SLOPE FROM 2" BELOW ADJACENT CONCRETE (ALLOWING FOR MULCH DEPTH AT EDGE) TO FINISH GRADE. LANDSCAPE AREAS ADJACENT TO ANY BUILDINGS ARE TO DRAIN AWAY FROM BUILDING.

32 90 00 PLANTING SPECIFICATIONS

3 Materials

Granite Rock Mulch - 1 -1/2"
Rock mulch shall be 1-1/2" granite covering areas where shown on drawings. Rock mulch shall be free of trash, sticks or roots. Granite to be similar to buff-tan colored granite. Submit sample to Owner's Representative prior to construction.

Gunnison River Rock Mulch - 1"-2"
Rock mulch shall be 1"-2" grey gunnison round river rock covering where shown on drawings. Rock mulch shall be free of trash, sticks or roots.Submit sample to Owner's Representative prior to construction.

La Sal Purple Rock Mulch - 2-3" for Berms
Rock mulch shall be 2" to 3" La Sal Purple where shown on plans. 1/2 Cubic Foot to cover 100 S.F. of La Sal Purple to be "seeded" over the top of 1-1/2 " Tan Granite to provide textural difference. Rock mulch shall be free of trash, sticks or roots. Submit sample to Owner's Representative Prior to construction.

Granite Boulders
Landscape boulders to be of minimum dimensions as shown on drawings. Boulders shall be buried 1/3 for natural effect such that exposed rock surface depicts natural exposure to appear as outcroppings. Boulders are to be tan/gold granite. Use only in select locations as approved by Owner's Representative.

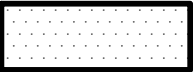
4 Execution

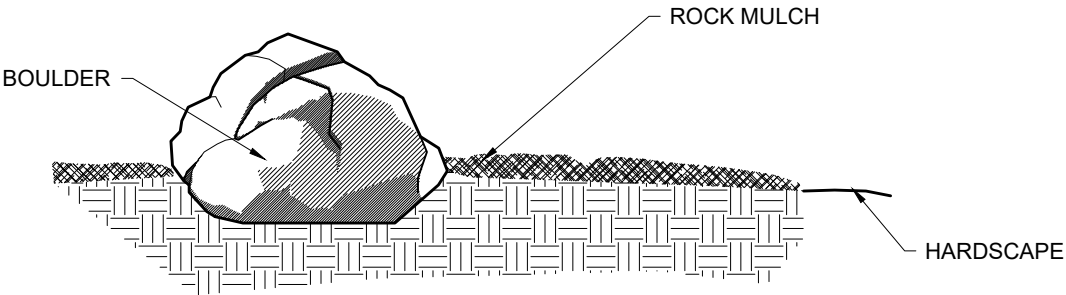
Preparation for Mulch
Perimeter of landscape areas shall be graded 3" below top of curbs, walks, edger or any other grade level improvements for receiving rock mulch.

Installation of Rock Mulch
Rock mulch is to be placed in all areas shown on drawings to a minimum depth of 3".

Boulders
Boulders are to be placed with the intent of depicting natural formations and to provide retainage of soil where indicated on drawings. The nature of the selected rock will allow the cut side to be placed down, exposing the natural surface. Backfill following placement, compact.

REFERENCE_NOTES_SCHEDULE

SYMBOL	CODE	DESCRIPTION	QTY
	1	1-1/2" Tan Granite Rock Mulch. 3" depth. Mulch shall be free of trash, sticks, roots or other debris.	12,634.3 sy
	2	1-2" Gunnison River Rock. 3" depth. Mulch shall be free of trash, sticks, roots or other debris.	4,125.8 sy
	3	2"-3" La Sal Purple Granite "seeded" over 1-1/2" Tan Granite, 1/2 c.f. to cover 100 s.f.	2,227 sy
	4	Granite Landscape Boulder (2x2x3)	236
	5	Granite Landscape Boulder (3x3x4)	255



A
L-1

DECORATIVE BOULDER DETAIL



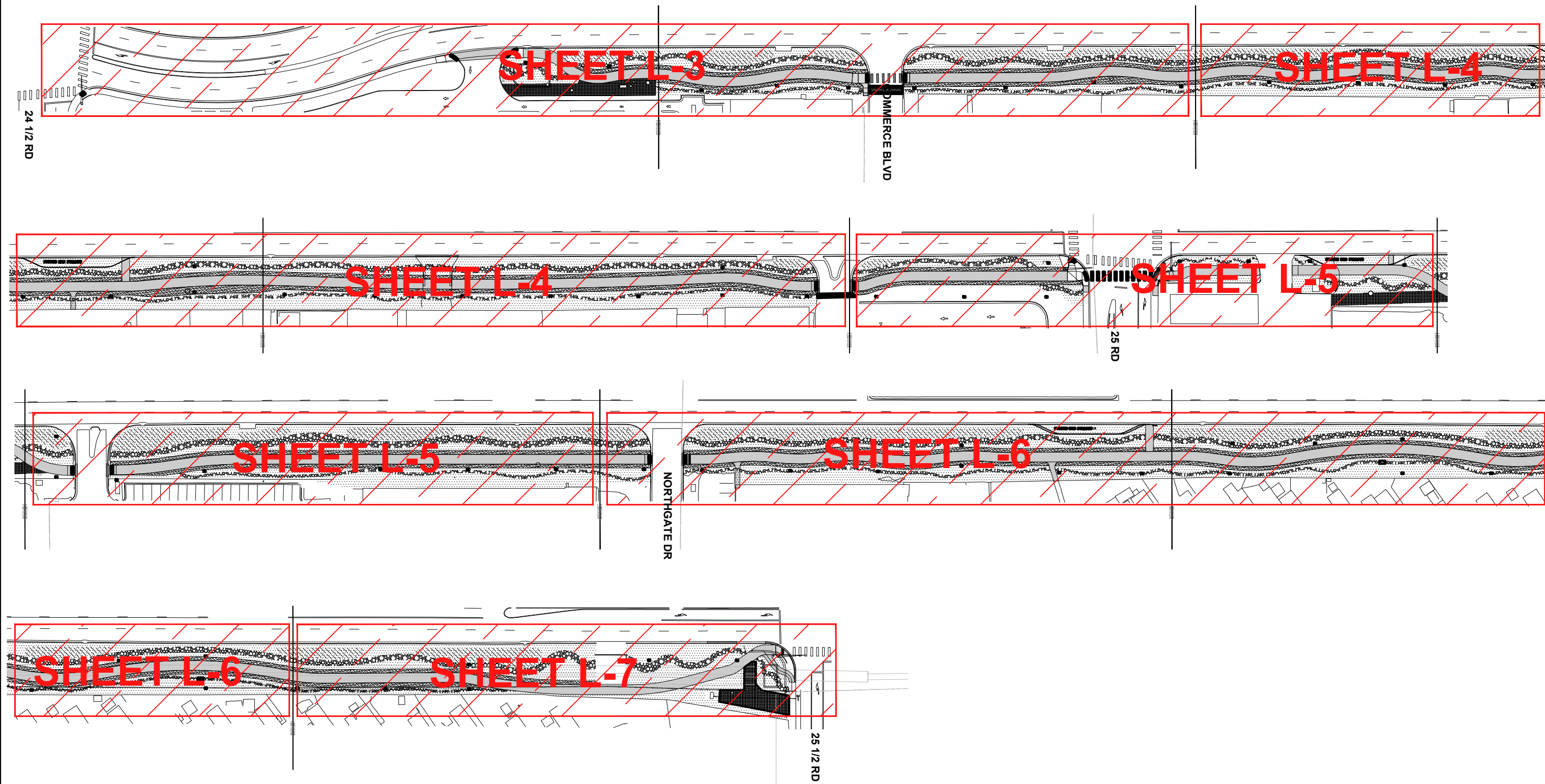
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REVISION A XXX		202X	CHECKED BY	MH	DATE	2025
REVISION A XXX		202X	APPROVED BY	MH	DATE	2025

SCALES:	PLAN
HORIZONTAL 1" = 40'	
0 10 20 40	

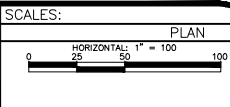


ENGINEERING AND TRANSPORTATION DEPARTMENT
PROJECT NO. F2303

PATTERSON SIDEWALK LANDSCAPE NOTES November 19, 2025
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REVISION	DESCRIPTION	DATE	DRAWN BY	DATE	2025
REVISION	XXX	202X	DESIGNED BY	MR	DATE 2025
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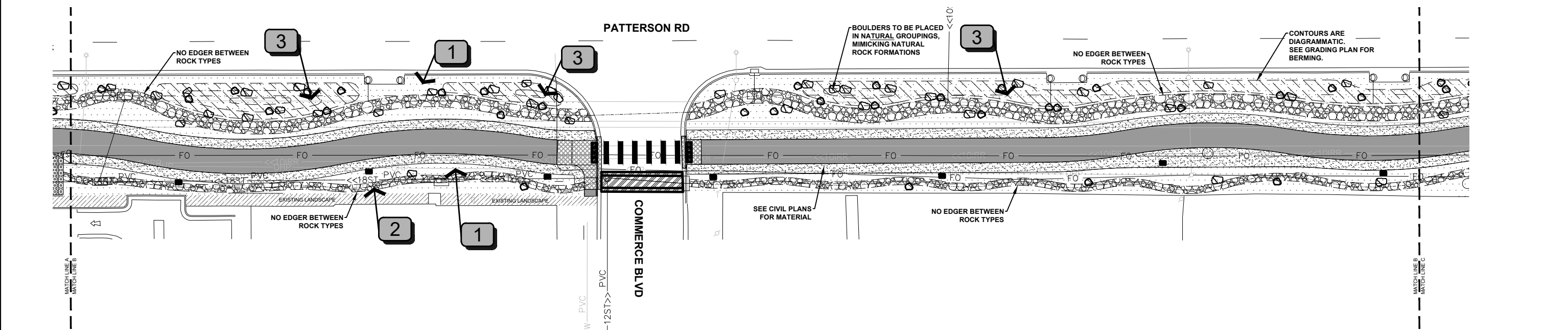
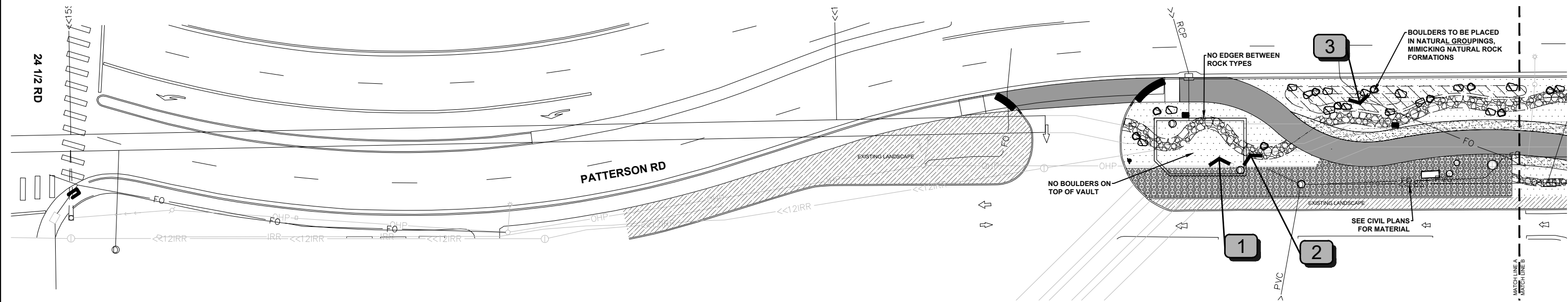
**ENGINEERING AND
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PROJECT NO. F2303

**PATTERSON SIDEWALK
OVERALL LANDSCAPE PLAN**
November 19, 2025

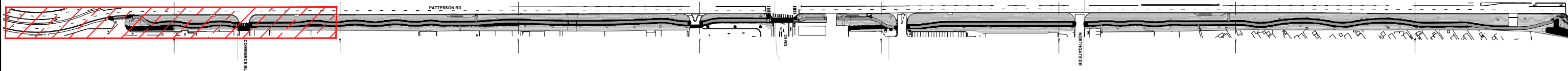
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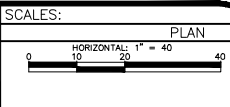
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KEY MAP



REVISION	DESCRIPTION	DATE	DRAWN BY	DATE	2025
REVISION A XXX		202X	DESIGNED BY MR	DATE	2025
REVISION B XXX		202X	CHECKED BY MH	DATE	2025
REVISION C XXX		202X	APPROVED BY MH	DATE	2025

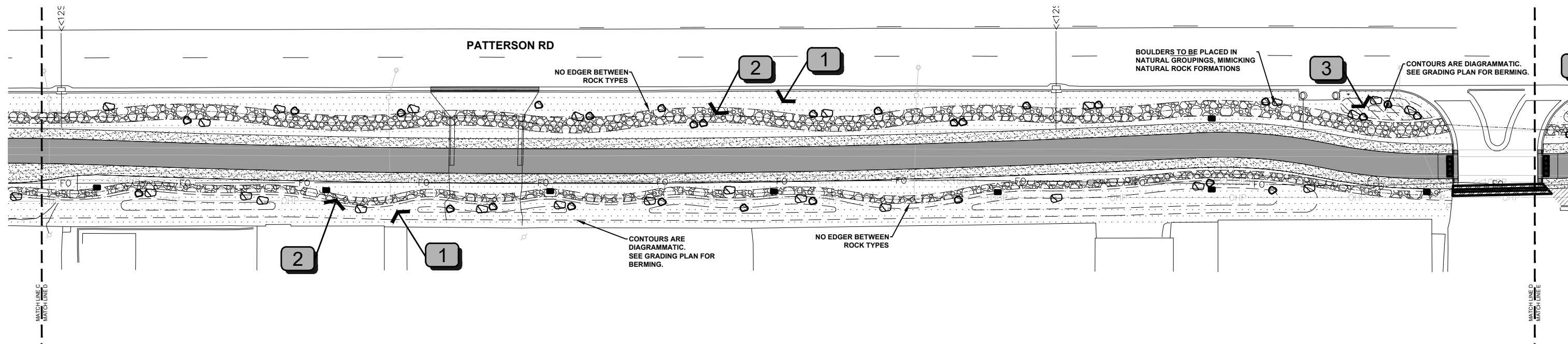
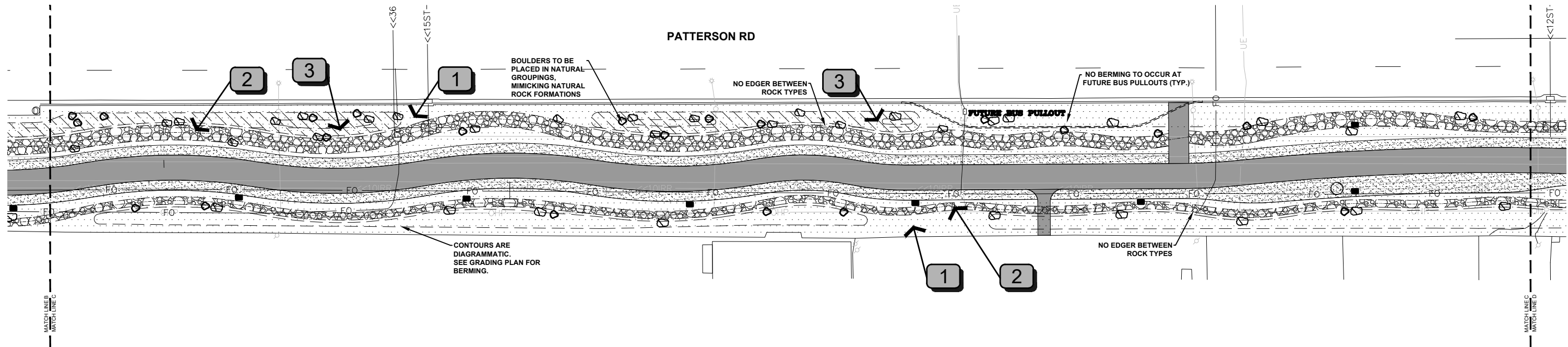


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PROJECT NO. F2303

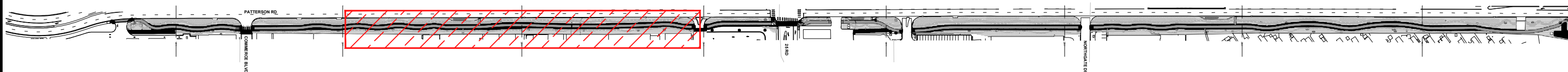
**PATTERSON SIDEWALK
LANDSCAPE PLAN**
November 19, 2025

L3





KEY MAP



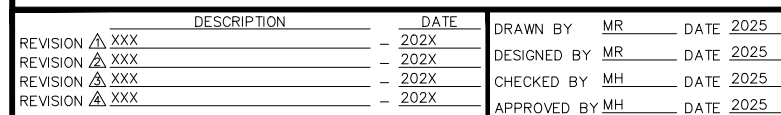
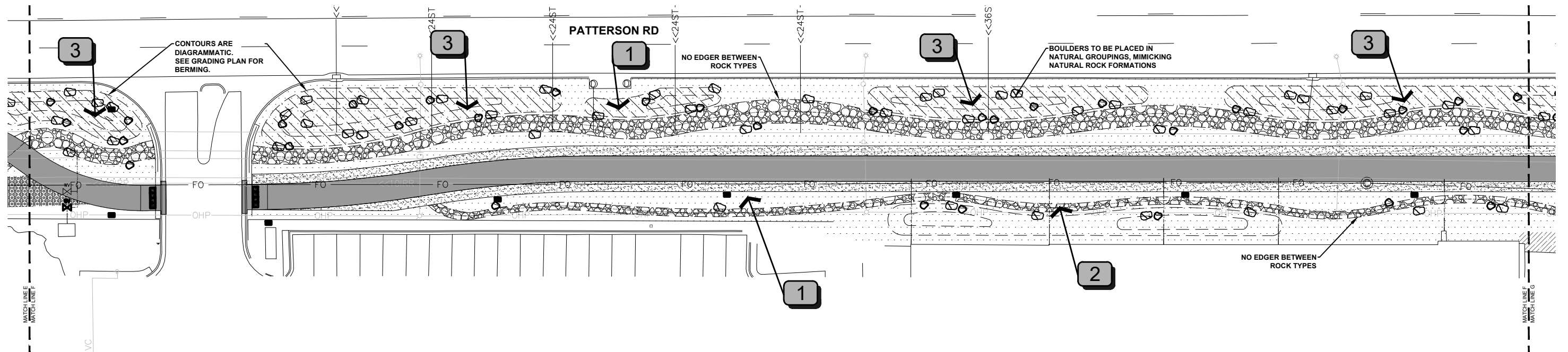
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REVISION D XXX		202X	MR	2025

SCALES:	PLAN
HORIZONTAL 1" = 40'	



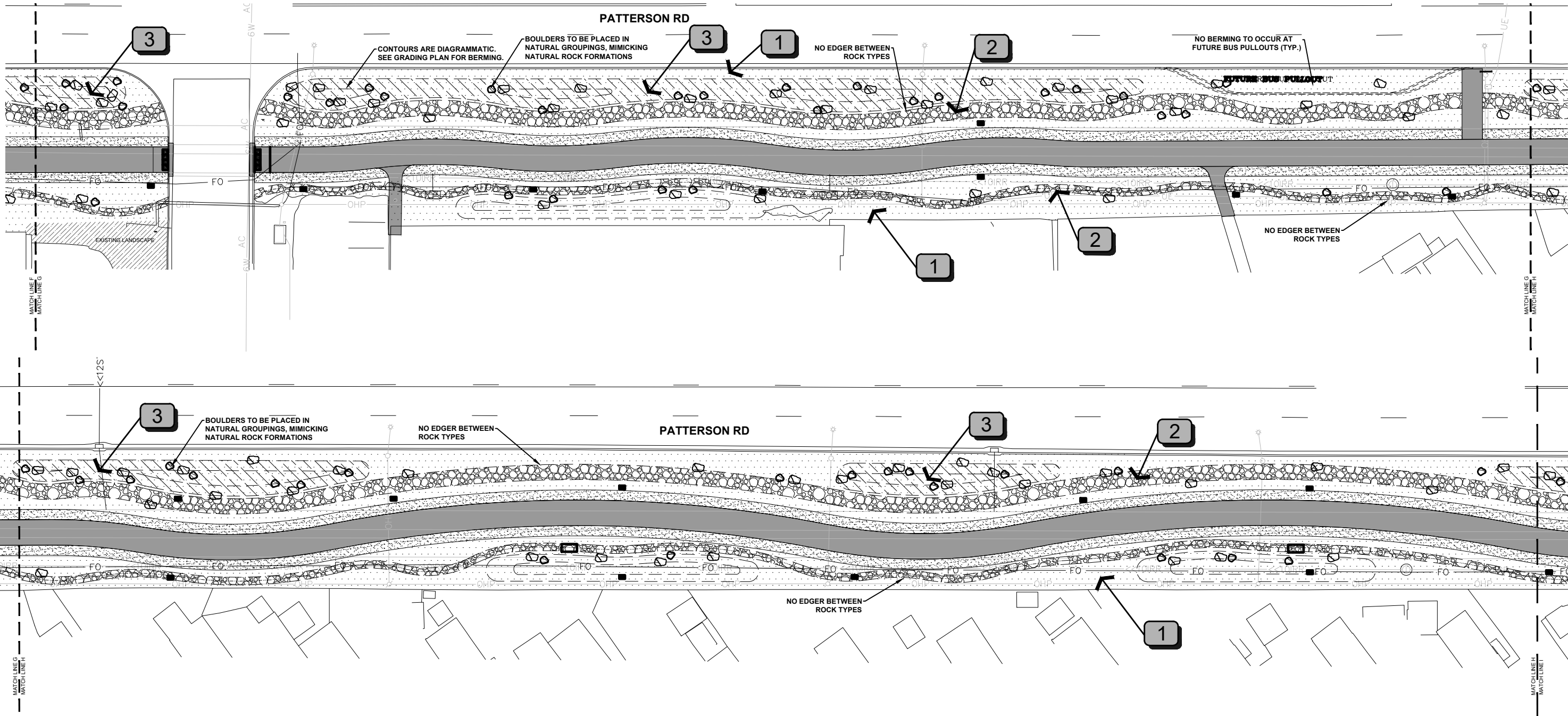
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PATTERSON SIDEWALK
LANDSCAPE PLAN
November 19, 2025

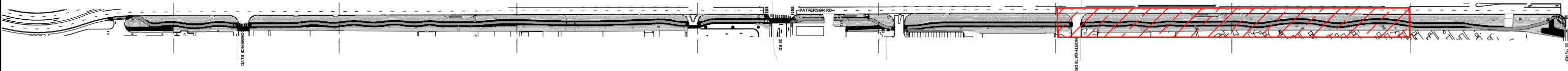


**PATTERSON SIDEWALK
LANDSCAPE PLAN
November 19, 2025**

5
PROJECT



KEY MAP



REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
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REVISION B XXX		202X	MR	2025
REVISION C XXX		202X	MH	2025
REVISION D XXX		202X	MH	2025

SCALES:	PLAN
HORIZONTAL 1" = 40'	



**ENGINEERING AND
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PROJECT NO. F2303

**PATTERSON SIDEWALK
LANDSCAPE PLAN**
November 19, 2025



