

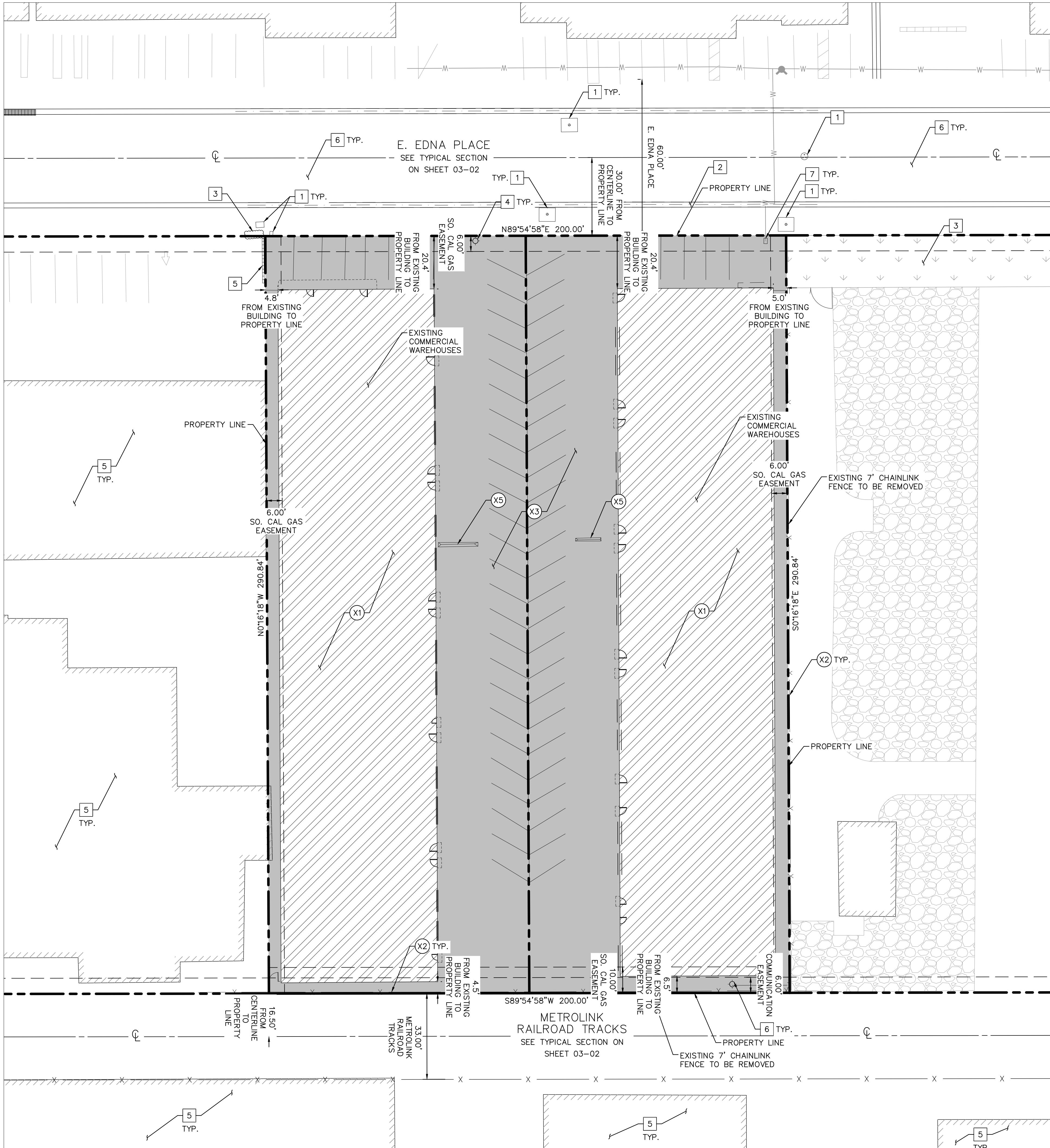
DATE	BY
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Know what's below.
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Plotted By: Ng, Alex Sheet Set: kha Layout: 01-00 PRELIMINARY DEMOLITION PLAN November 26, 2025 03:04:17pm K:\LBC_LDEV\194339010 - RWE Covina Reliability CAD PlanSheets\PRELIMINARY DEMOLITION PLAN.dwg
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LEGEND

- PROPERTY LINE
- EASEMENT LINE
- CENTERLINE
- SETBACK LINE
- REMOVE EXISTING UTILITY LINE
- DEMOLISH EXISTING BUILDING
- REMOVE EXISTING PAVEMENT AND BASE COURSE

GENERAL DEMOLITION NOTES:

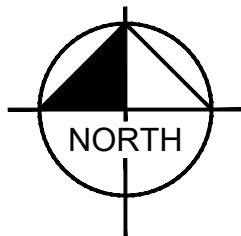
- THE CONTRACTOR SHALL CLEAR THE PROJECT SITE AREA WITHIN THE CONFINES OF THE CIVIL LIMIT OF WORK LINE. THE CONTRACTOR SHALL CAP IN PLACE ALL EXISTING UTILITIES AT THE CIVIL LIMIT OF WORK LINE, UNLESS OTHERWISE NOTED ON THE PLAN. THE CONTRACTOR SHALL DEMOLISH AND REMOVE FROM THE CIVIL LIMIT OF WORK LINE ALL EXISTING UTILITY STRUCTURES, PLANTERS, TREES, AND ALL OTHER SITE FEATURES, UNLESS OTHERWISE NOTED ON THE PLAN.
- ALL EXISTING VEGETATION WITHIN THE CIVIL LIMIT OF WORK LINE SHALL BE REMOVED AS FOLLOWS:
 - ALL EXISTING TREES SHALL BE REMOVED, INCLUDING ROOTS.
 - ALL EXISTING SHRUBS SHALL BE CUT FLUSH WITH THE GROUND, EXCEPT IN AREAS WHERE ROOT STRUCTURES WILL INTERFERE WITH INSTALLATION OF STRUCTURAL FOUNDATIONS
 - ALL EXISTING GRASSES SHALL BE MOWED AS SHORT AS POSSIBLE
 - IN AREAS OF GRADING, ALL VEGETATION SHALL BE CLEARED AND GRUBBED PER THE RECOMMENDATIONS PROVIDED IN THE PROJECT GEOTECHNICAL REPORT
- DAMAGE TO ANY EXISTING UTILITIES AND SERVICES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND.
- DUST CONTROL MEASURES SHALL BE IMPLEMENTED DURING DEMOLITION INCLUDING BUT NOT LIMITED TO WATERING DIRT ACCESS ROADS.

DEMOLITION NOTES

- CONTRACTOR TO REMOVE SUBSTRUCTURES AND FOUNDATIONS IN THEIR ENTIRETY, BACKFILL DITCHES AND OPEN VOIDS. BACKFILL PAVEMENT SLAB REMOVED IN ACCORDANCE WITH GEOTECHNICAL REPORT. COMPACTION SHALL BE MONITORED BY OWNER'S GEOTECHNICAL ENGINEER. CONTRACTOR TO NOTIFY KIMLEY-HORN FOR VERIFICATION IF FOUNDATIONS DEEPER THAN 5 FEET ENCOUNTERED.
- X1 DEMOLISH EXISTING FENCE.
 - X2 DEMOLISH EXISTING ASPHALT PAVEMENT, INCLUDING BASE COURSE.
 - X3 DEMOLISH EXISTING CURB AND/OR GUTTER.
 - X4 DEMOLISH EXISTING SPEED HUMP.

PROTECTION NOTES

- 1 PROTECT-IN-PLACE EXISTING UTILITY/UTILITY STRUCTURE.
- 2 PROTECT-IN-PLACE EXISTING CURB AND/OR GUTTER.
- 3 PROTECT-IN-PLACE EXISTING LANDSCAPE AREA.
- 4 PROTECT-IN-PLACE EXISTING POWER POLE.
- 5 PROTECT-IN-PLACE EXISTING BUILDING.
- 6 PROTECT-IN-PLACE EXISTING ASPHALT PAVEMENT.
- 6 PROTECT-IN-PLACE EXISTING WATER METER.



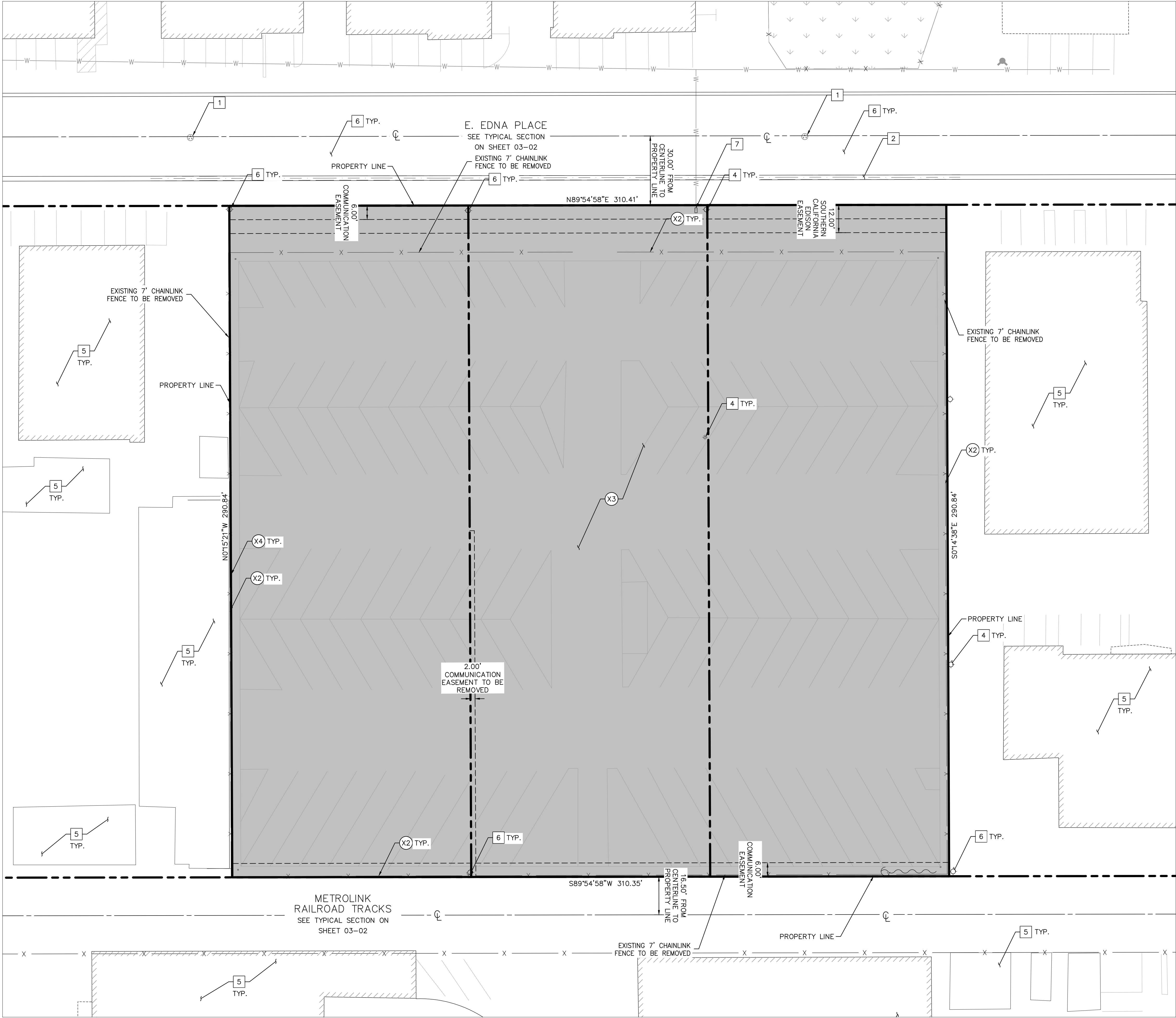
GRAPHIC SCALE IN FEET
0 10 20 40
1" = 20'
WHEN PLOTTED ON
24" X 36" SHEET

530± E. EDNA PLACE



KHA PROJECT 194339010				DATE 11/26/2025				SCALE AS SHOWN				DESIGNED BY A.N.				DRAWN BY A.N.				CHECKED BY H.S.				DATE 11/26/2025			
PRELIMINARY DEMOLITION PLAN				C.A.				SHEET NUMBER 01-00				CITY OF COVINA,				REVISIONS				No.				BY			

Plotted By: Ng, Alex Sheet Set: kha_LoyouL01-01 PRELIMINARY DEMOLITION PLAN November 26, 2025 03:04:19pm K:\LBC_LDEV\194339010 - RWE Covina Reliability\CAD\PlanSheets\PRELIMINARY DEMOLITION PLAN.dwg
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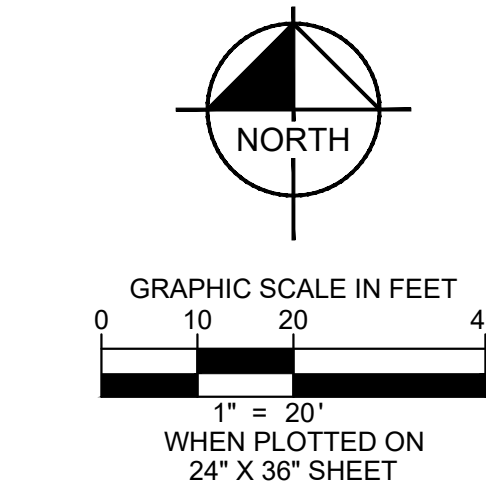
LEGEND

	PROPERTY LINE
	EASEMENT LINE
	CENTERLINE
	SETBACK LINE
	REMOVE EXISTING UTILITY LINE
	DEMOLISH EXISTING BUILDING
	REMOVE EXISTING PAVEMENT AND BASE COURSE

- GENERAL DEMOLITION NOTES:**
- THE CONTRACTOR SHALL CLEAR THE PROJECT SITE AREA WITHIN THE CONFINES OF THE CIVIL LIMIT OF WORK LINE. THE CONTRACTOR SHALL CAP IN PLACE ALL EXISTING UTILITIES AT THE CIVIL LIMIT OF WORK LINE, UNLESS OTHERWISE NOTED ON THE PLAN. THE CONTRACTOR SHALL DEMOLISH AND REMOVE FROM THE CIVIL LIMIT OF WORK LINE ALL EXISTING UTILITY STRUCTURES, PLANTERS, TREES, AND ALL OTHER SITE FEATURES, UNLESS OTHERWISE NOTED ON THE PLAN.
 - ALL EXISTING VEGETATION WITHIN THE CIVIL LIMIT OF WORK LINE SHALL BE REMOVED AS FOLLOWS:
 - ALL EXISTING TREES SHALL BE REMOVED, INCLUDING ROOTS.
 - ALL EXISTING SHRUBS SHALL BE CUT FLUSH WITH THE GROUND, EXCEPT IN AREAS WHERE ROOT STRUCTURES WILL INTERFERE WITH INSTALLATION OF STRUCTURAL FOUNDATIONS
 - ALL EXISTING GRASSES SHALL BE MOWED AS SHORT AS POSSIBLE
 - IN AREAS OF GRADING, ALL VEGETATION SHALL BE CLEARED AND GRUBBED PER THE RECOMMENDATIONS PROVIDED IN THE PROJECT GEOTECHNICAL REPORT
 - DAMAGE TO ANY EXISTING UTILITIES AND SERVICES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND.
 - DUST CONTROL MEASURES SHALL BE IMPLEMENTED DURING DEMOLITION INCLUDING BUT NOT LIMITED TO WATERING DIRT ACCESS ROADS.

- DEMOLITION NOTES**
- (X1) CONTRACTOR TO REMOVE SUBSTRUCTURES AND FOUNDATIONS IN THEIR ENTIRETY. BACKFILL DITCHES AND OPEN VOIDS. BACKFILL PAVEMENT SLAB REMOVED IN ACCORDANCE WITH GEOTECHNICAL REPORT. COMPACTION SHALL BE MONITORED BY OWNER'S GEOTECHNICAL ENGINEER. CONTRACTOR TO NOTIFY KIMLEY-HORN FOR VERIFICATION IF FOUNDATIONS DEEPER THAN 5 FEET ENCOUNTERED.
- (X2) DEMOLISH EXISTING FENCE.
- (X3) DEMOLISH EXISTING ASPHALT PAVEMENT, INCLUDING BASE COURSE.
- (X4) DEMOLISH EXISTING CURB AND/OR GUTTER.
- (X5) DEMOLISH EXISTING SPEED HUMP.

- PROTECTION NOTES**
- | | |
|---|--|
| 1 | PROTECT-IN-PLACE EXISTING UTILITY/UTILITY STRUCTURE. |
| 2 | PROTECT-IN-PLACE EXISTING CURB AND/OR GUTTER. |
| 3 | PROTECT-IN-PLACE EXISTING LANDSCAPE AREA. |
| 4 | PROTECT-IN-PLACE EXISTING POWER POLE. |
| 5 | PROTECT-IN-PLACE EXISTING BUILDING. |
| 6 | PROTECT-IN-PLACE EXISTING ASPHALT PAVEMENT. |
| 6 | PROTECT-IN-PLACE EXISTING WATER METER. |



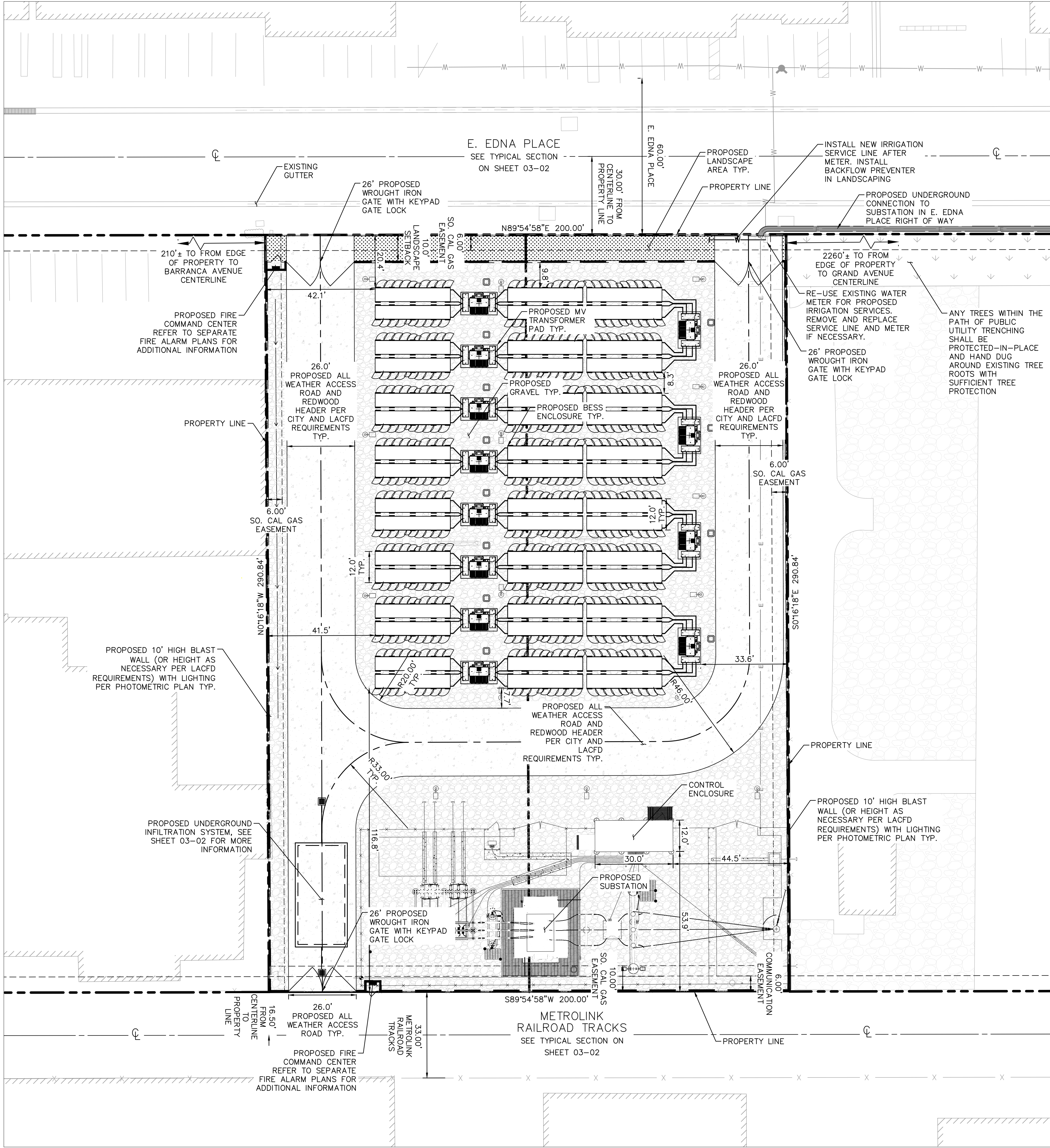
680± E. EDNA PLACE



KHA PROJECT 194339010		DATE 11/26/2025		SCALE AS SHOWN		DESIGNED BY A.N.		DRAWN BY A.N.		CHECKED BY H.S.		DATE 11/26/2025	
PRELIMINARY DEMOLITION PLAN												No.	
COVINA RELIABILITY PROJECT PREPARED FOR COVINA RELIABILITY PROJECT LLC												REVISIONS	
CITY OF COVINA, C.A.												BY	
SHEET NUMBER 01-01												DATE	

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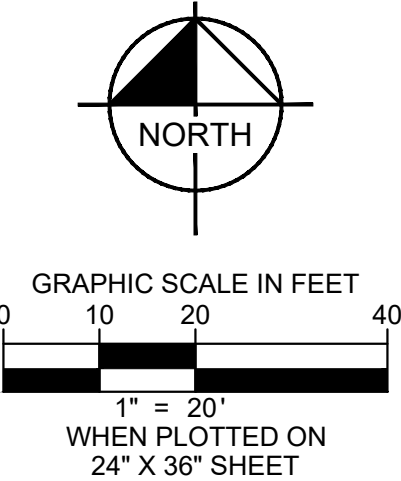
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LEGEND

- PROPERTY LINE
- EASEMENT LINE
- CENTERLINE
- SETBACK
- PROPOSED ACCESS GATE
- PROPOSED LIGHT POLES PER PHOTOMETRIC PLANS
- PROPOSED ALL WEATHER ACCESS ROAD AND REDWOOD HEADER PER CITY AND LACFD REQUIREMENTS
- PROPOSED GRAVEL
- PROPOSED LANDSCAPE/PLANTER AREA

- FIRE ACCESS ROAD NOTES**
1. THE FIRE ACCESS ROAD SHALL HAVE A 33' CENTERLINE TURNING RADIUS ON ALL TURNS.
 2. THE FIRE ACCESS ROAD IS WITHIN 150 FEET OF ALL PORTIONS OF THE FACILITY AND ALL PORTIONS OF THE EXTERIOR WALLS
 3. THE FIRE ACCESS ROAD SHALL BE ABLE TO SUPPORT AN IMPOSED LOAD OF AT LEAST 75,000 POUNDS.

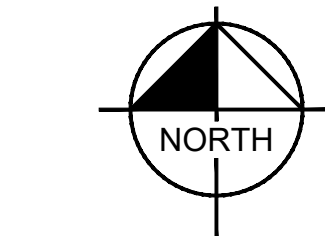


530± E. EDNA PLACE



KHA PROJECT 194339010		DATE 11/26/2025		SCALE AS SHOWN		DESIGNED BY A.N.		DRAWN BY A.N.		CHECKED BY H.S.		DATE 11/26/2025	
PRELIMINARY SITE PLAN												C.A.	
COVINA RELIABILITY PROJECT PREPARED FOR COVINA RELIABILITY PROJECT LLC												CITY OF COVINA,	
SHEET NUMBER 02-00												REVISIONS	
BY												DATE	

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GRAPHIC SCALE IN FEET

0 10 20 40

1" = 20'

WHEN PLOTTED ON
24" X 36" SHEET



**Know what's below.
Call 811 before you dig.**

Know what's below.
Call 811 before you dig.

	PROPERTY LINE
	EASEMENT LINE
	CENTERLINE
	SETBACK
	PROPOSED ACCESS GATE
	PROPOSED LIGHT POLES PER PHOTOMETRIC PLANS
	PROPOSED ALL WEATHER ACCESS ROAD AND REDWOOD HEADER PER CITY AND LACFD REQUIREMENTS
	PROPOSED GRAVEL
	PROPOSED LANDSCAPE/PLANTER AREA

1. THE FIRE ACCESS ROAD SHALL HAVE A 33' CENTERLINE TURNING RADIUS ON ALL TURNS.
2. THE FIRE ACCESS ROAD IS WITHIN 150 FEET OF ALL PORTIONS OF THE FACILITY AND ALL PORTIONS OF THE EXTERIOR WALLS
3. THE FIRE ACCESS ROAD SHALL BE ABLE TO SUPPORT AN IMPOSED LOAD OF AT LEAST 75,000 POUNDS.

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TE: 11/26/2025

KHA PROJECT 194339010	DATE 11/26/2025	SCALE AS SHOWN	DESIGNED BY A.N.	DRAWN BY A.N.	CHECKED BY H.S.
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SHEET NUMBER	02-01
COVINA RELIABILITY PROJECT PREPARED FOR COVINA RELIABILITY PROJECT LLC CITY OF COVINA, C.A.	

Plotted By: Ng, Alex Sheet Set: kha_Layout: 02-02 EXISTING HYDRANT EXHIBIT November 26, 2025 03:05:53pm K:\BCC_LDEV\194339010 - RWE Covina Reliability\CAD\PlanSheets\PRELIMINARY SITE PLAN.dwg
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EXISTING HYDRANT
EXHIBIT

COVINA RELIABILITY PROJECT
PREPARED FOR
COVINA RELIABILITY PROJECT
LLC
CITY OF COVINA, C.A.
SHEET NUMBER
02-02

KHA PROJECT 194339010	LICENSED PROFESSIONAL 11/26/2025	DATE
SCALE AS SHOWN	DESIGNED BY A.N.	DRAWN BY A.N.
CHECKED BY H.S.	DATE: 11/26/2025	

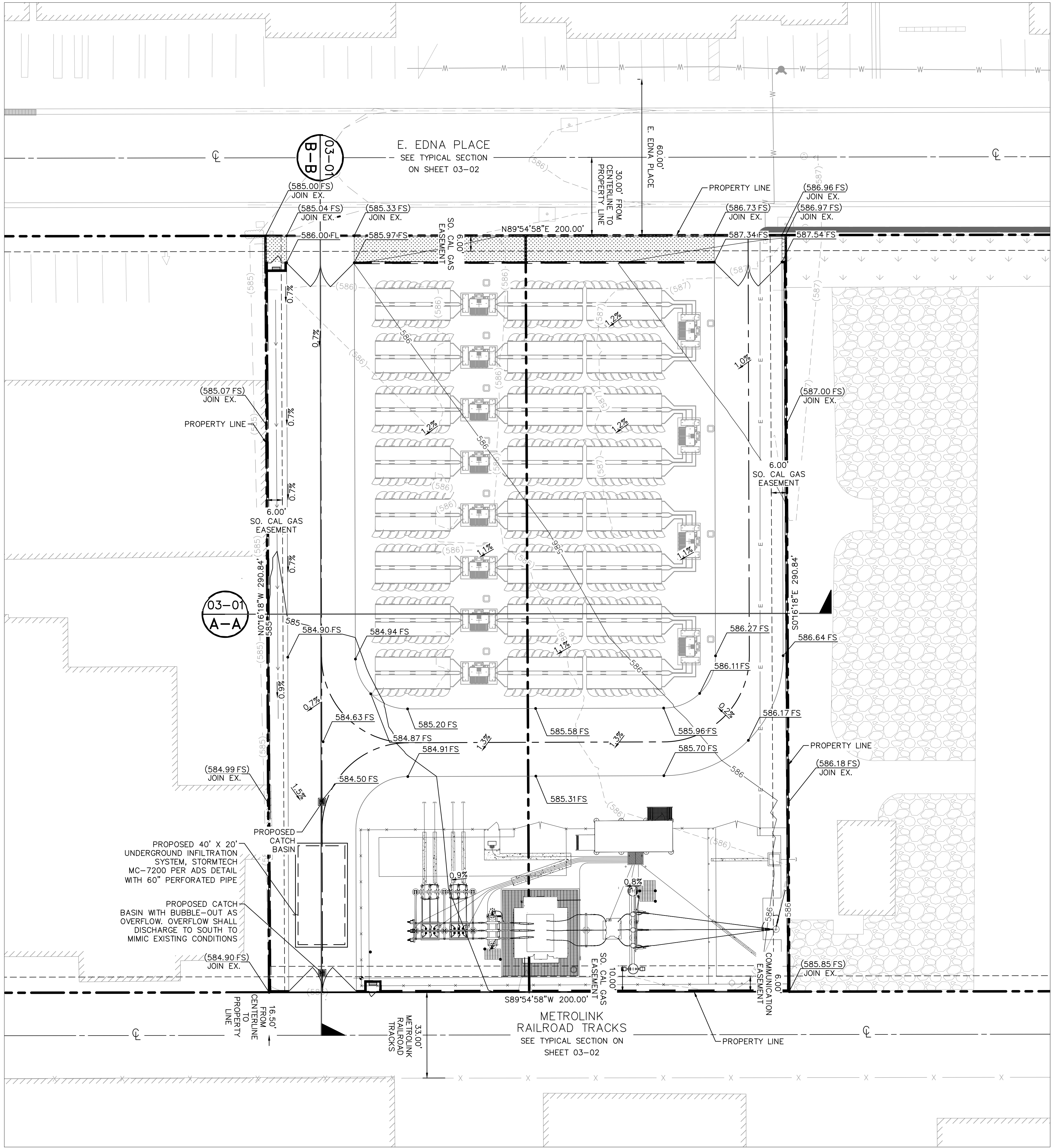


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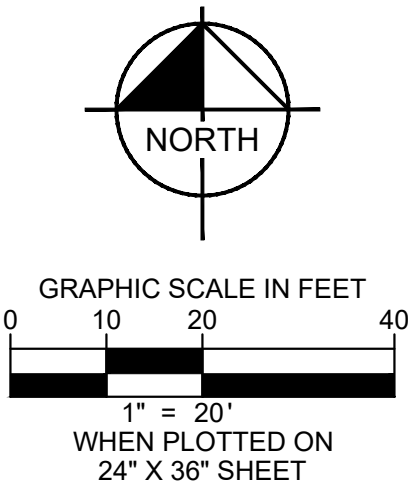
No.	REVISIONS	DATE	BY

Plotted By: Ng, Alex Sheet Set: kha Layout: PRELIMINARY SITE AND GRADING PLAN November 26, 2025 03:06:59pm K:\B_C_LDEV\194339010 - RWE Covina Reliability\CAD\PlanSheets\PRELIMINARY GRADING PLAN.dwg

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LEGEND	
	PROPERTY LINE
	EASEMENT LINE
	CENTERLINE
	SETBACK LINE
	GRADED SWALE
	PROPOSED STORM DRAIN LINE
	PROPOSED SPOT GRADE
	EXISTING SPOT GRADE
	PROPOSED FLOW (DIRECTION AND SLOPE)

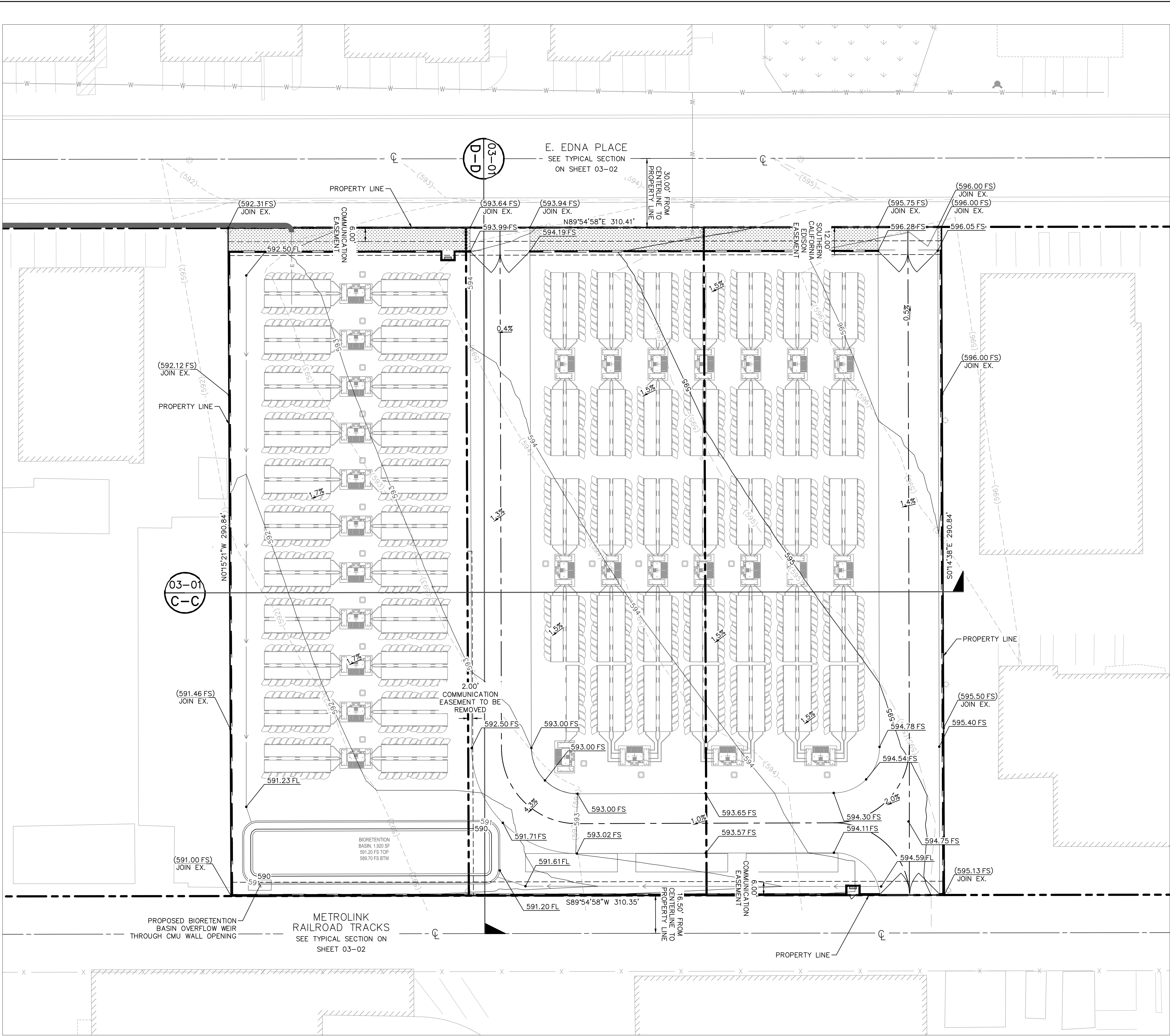


530± E. EDNA PLACE



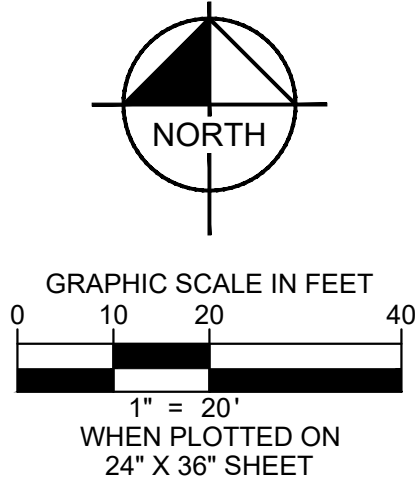
KHA PROJECT 194339010		DATE 11/26/2025		SCALE AS SHOWN		DESIGNED BY A.N.		DRAWN BY A.N.		CHECKED BY H.S.		DATE: 11/26/2025	
PRELIMINARY GRADING PLAN		COVINA RELIABILITY PROJECT PREPARED FOR COVINA RELIABILITY PROJECT LLC		C.A.		CITY OF COVINA,		SHEET NUMBER 03-00		REVISIONS		BY	
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LEGEND

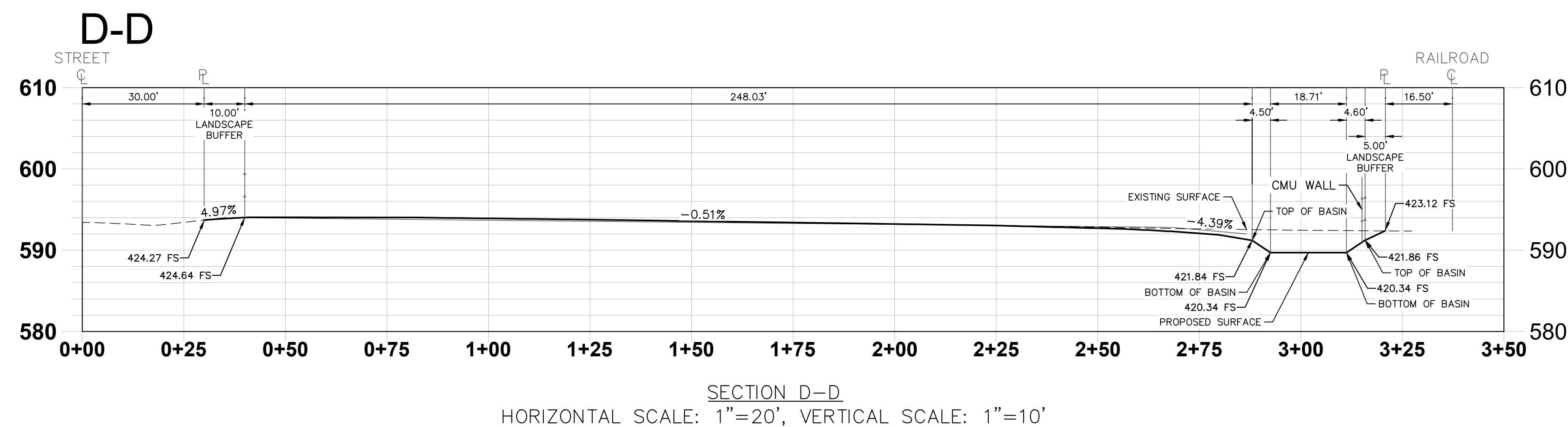
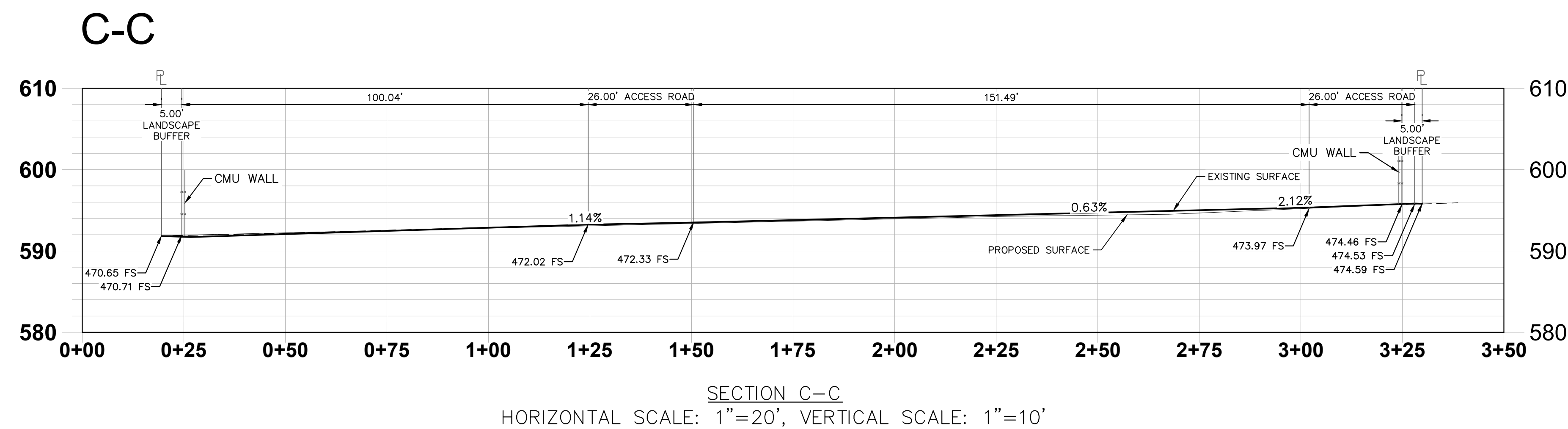
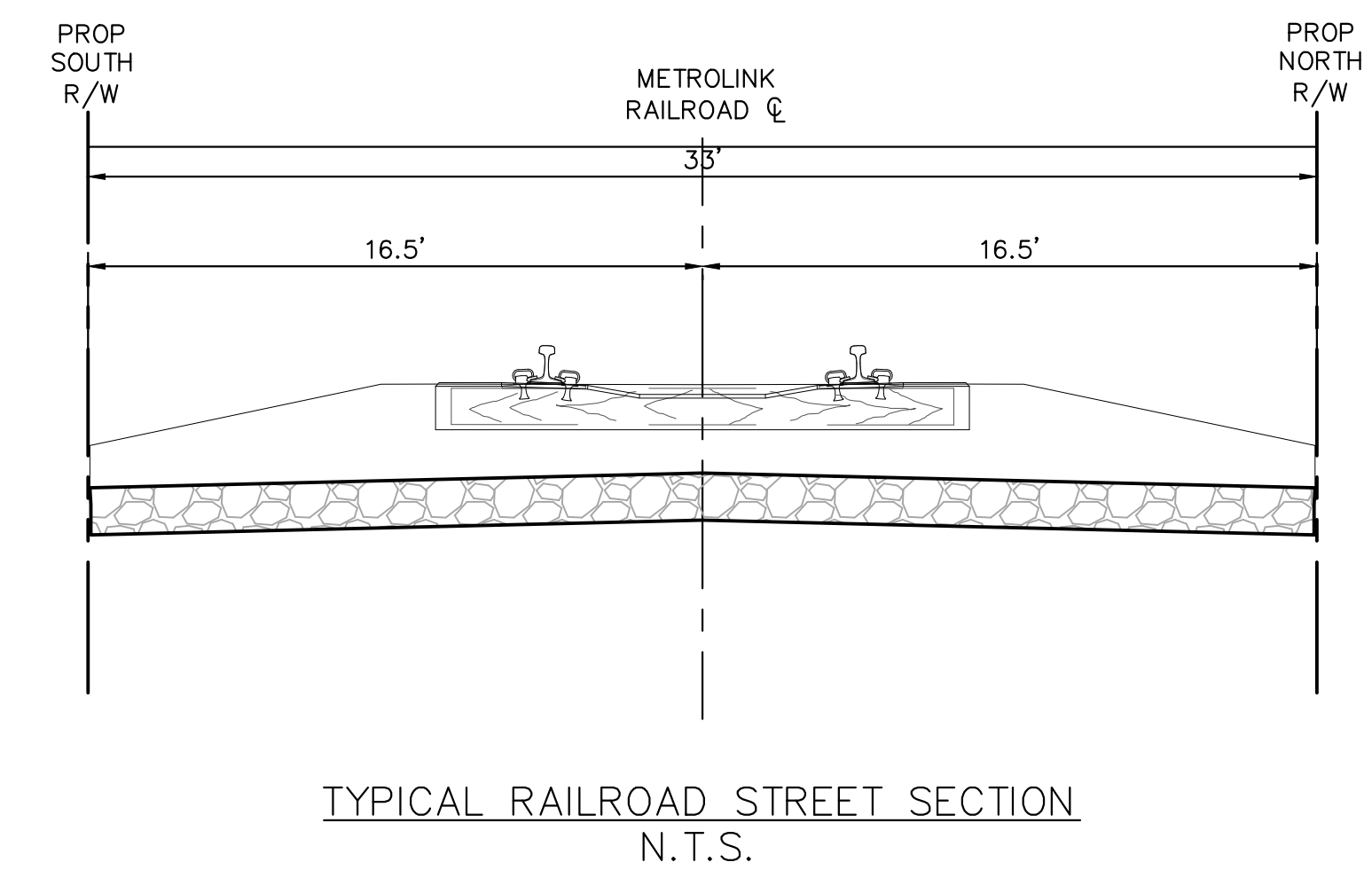
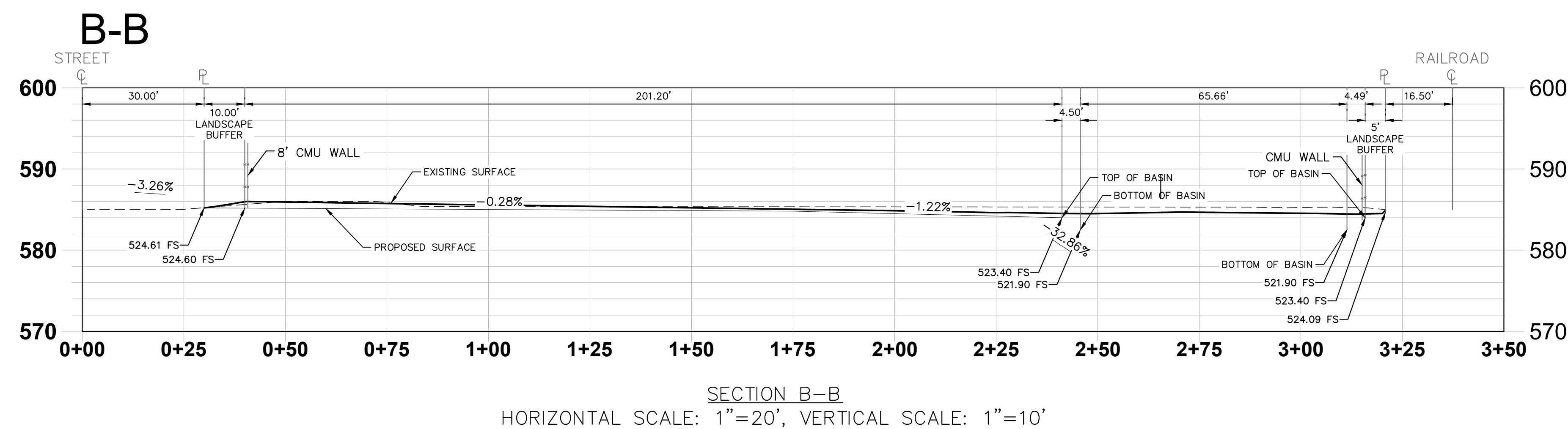
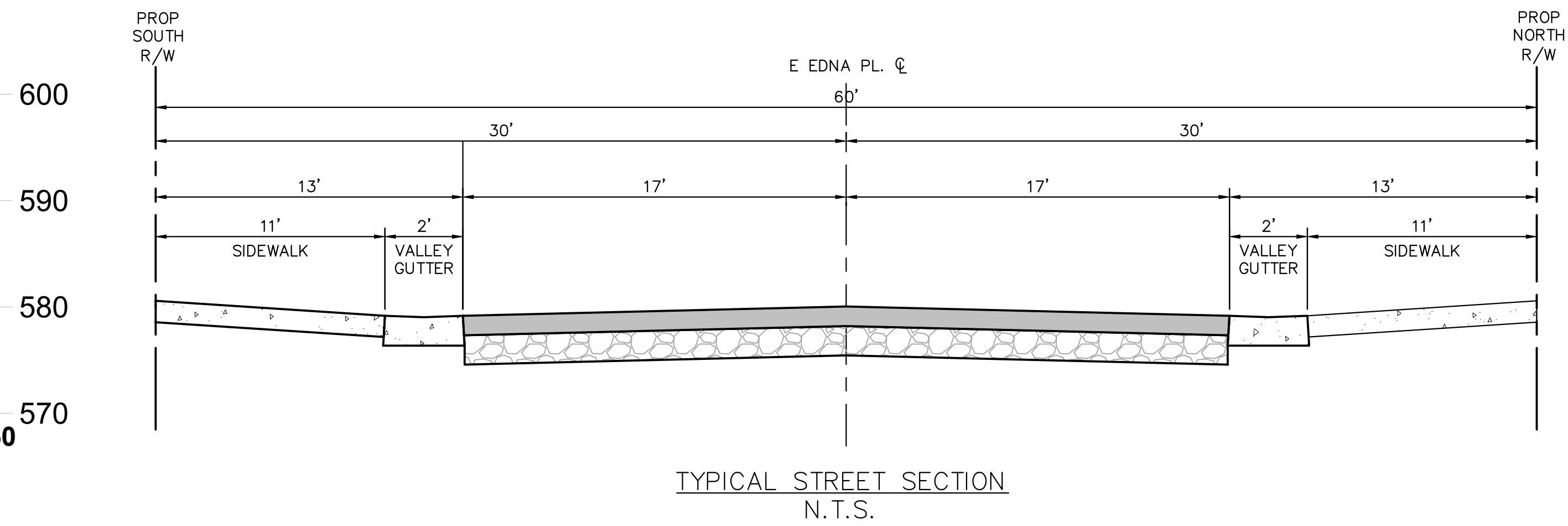
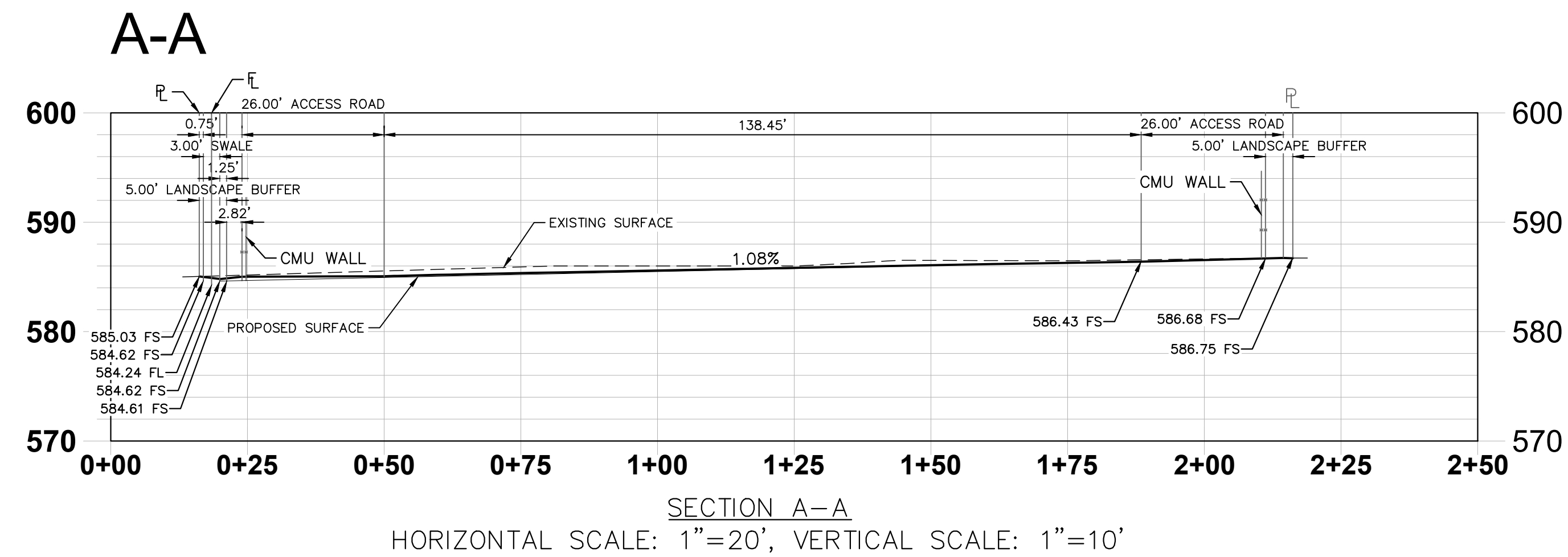
	PROPERTY LINE
	EASEMENT LINE
	CENTERLINE
	SETBACK LINE
	GRADED SWALE
	PROPOSED STORM DRAIN LINE
	SD
	PROPOSED SPOT GRADE
	EXISTING SPOT GRADE
	PROPOSED FLOW (DIRECTION AND SLOPE)



680± E. EDNA PLACE

KHA PROJECT 194339010		DATE 11/26/2025		SCALE AS SHOWN		DESIGNED BY A.N.		DRAWN BY A.N.		CHECKED BY H.S.		DATE 11/26/2025	
PRELIMINARY GRADING PLAN													
COVINA RELIABILITY PROJECT PREPARED FOR COVINA RELIABILITY PROJECT LLC												C.A.	
CITY OF COVINA,												REVISIONS	
SHEET NUMBER 03-01												DATE BY	

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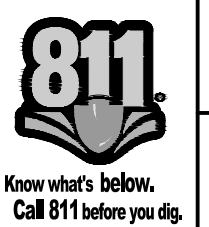
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KHA PROJECT 194339010	DATE 11/26/2025	SCALE AS SHOWN	DESIGNED BY A.N.	DRAWN BY A.N.	CHECKED BY H.S.
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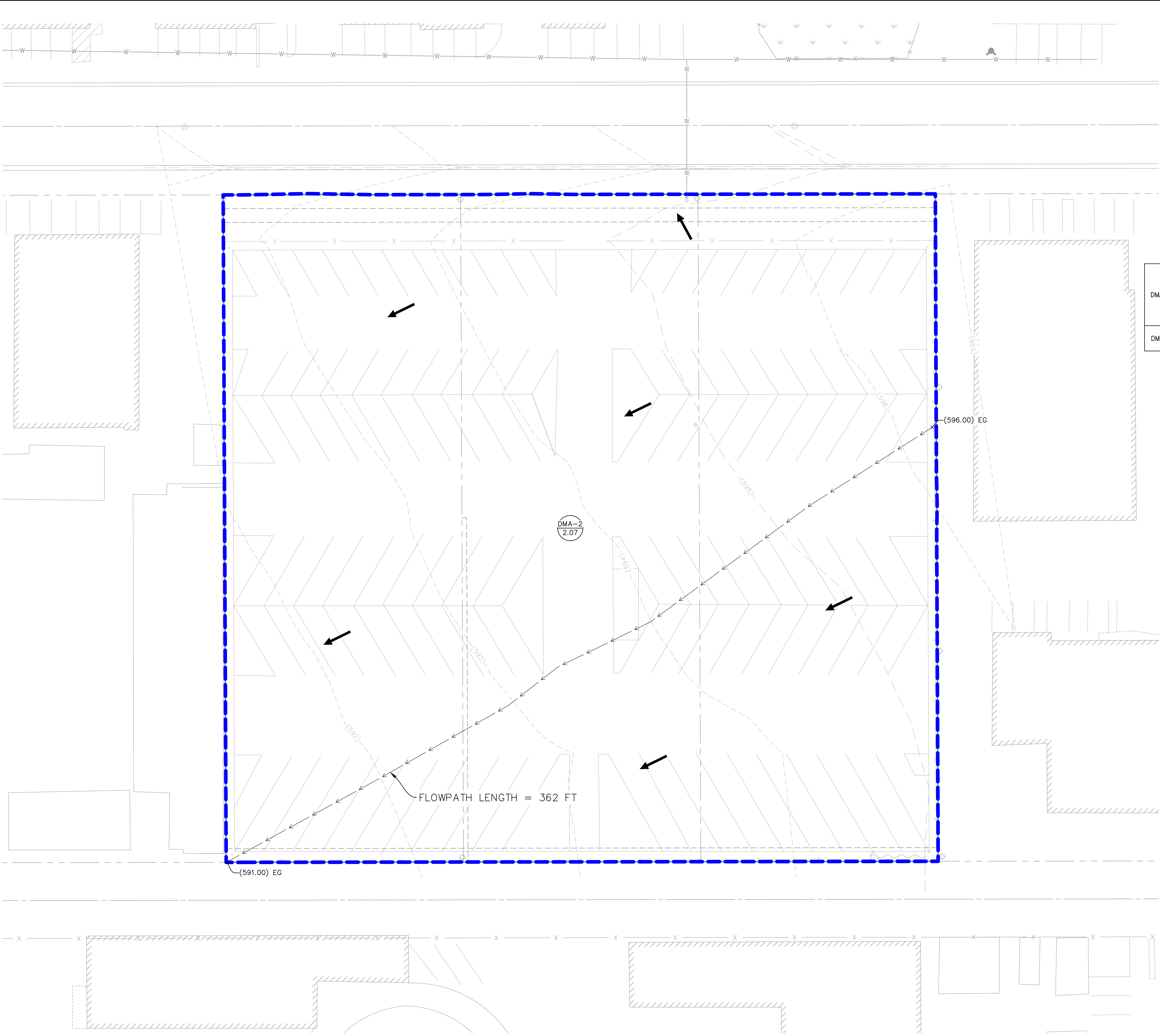
GRADING SECTIONS

SHEET NUMBER 03-02	CITY OF COVINA, C.A.
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Plotted By: Ng, Alex Sheet Set: kha_Layout: 04-00 EXISTING DRAINAGE EXHIBIT November 26, 2025 03:07:50pm K:\BLC_LDEV\194339010 - RWE Covina Reliability\CAD\Exhibits\Existing Drainage Exhibit.dwg

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LEGEND

- PROPERTY LINE
- CENTER LINE
- EASEMENT LINE
- 575 EXISTING CONTOURS
- FLOW LINES
- SURFACE RUNOFF DIRECTION
- EXISTING DRAINAGE AREA
- DRAINAGE MANAGEMENT AREA ID
- ACREAGE
- NODE ELEVATION

DRAINAGE INFORMATION

DMA ID	AREA (AC)	%IMPERVIOUS	2-YEAR PEAK FLOW RATE (CFS)	2-YEAR RUNOFF VOLUME (CF)	50-YEAR PEAK FLOW RATE (CFS)	50-YEAR RUNOFF VOLUME (CF)
DMA-2	2.07	100%	2.35	18,688	8.00	48,289

COVINA RELIABILITY PROJECT
PREPARED FOR
COVINA RELIABILITY PROJECT
LLC

CITY OF COVINA, C.A.

EXISTING DRAINAGE EXHIBIT
680 E. EDNA PLACE
"EAST LOT"

194339010
DATE
11/26/2025
SCALE AS SHOWN
DESIGNED BY A.N.
DRAWN BY A.N.
CHECKED BY H.S.

Kimley»Horn

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LICENSED PROFESSIONAL
REGISTERED
15
RESIDED IN
STATE OF CALIFORNIA
11/26/2025
DATE

11/26/2025
DATE

811

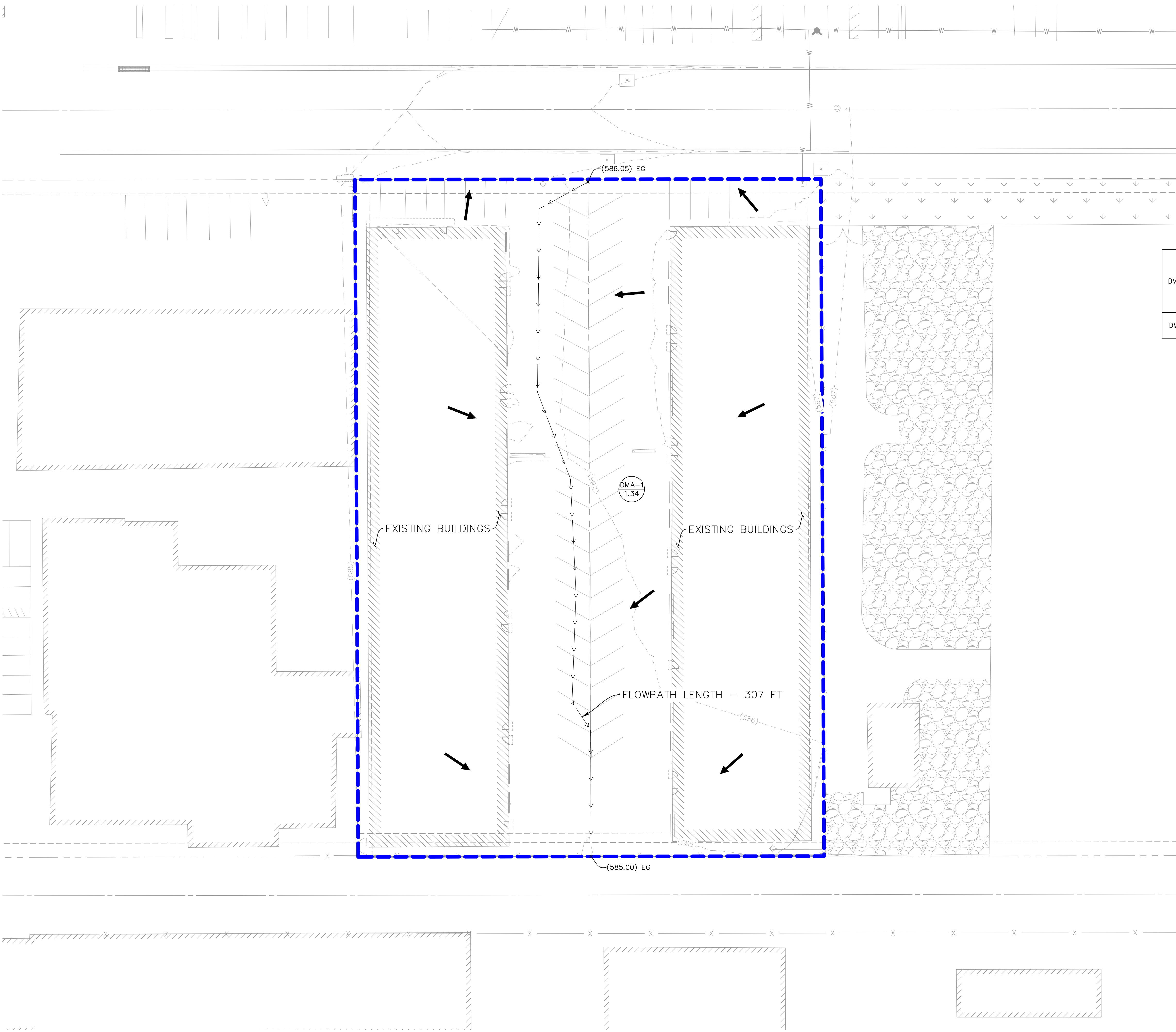
Know what's below.
Call 811 before you dig.

2

SHEET NUMBER

2

DATE

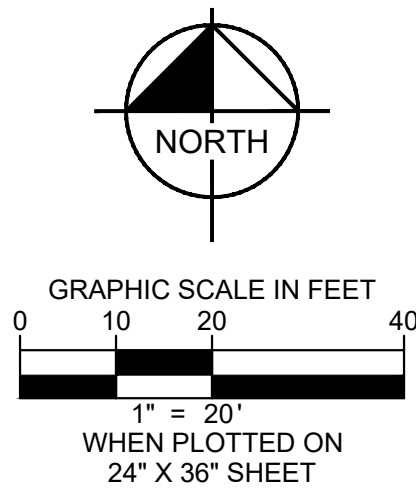


DMA ID	AREA (AC)	%IMPERVIOUS	2-YEAR PEAK FLOW RATE (CFS)	2-YEAR RUNOFF VOLUME (CF)	50-YEAR PEAK FLOW RATE (CFS)	50-YEAR RUNOFF VOLUME (CF)
DMA-1	1.34	100%	1.45	12,097	5.18	31,260

LEGEND

-
- PROPERTY LINE
 CENTER LINE
 EASEMENT LINE
 EXISTING CONTOURS
 FLOW LINES
 SURFACE RUNOFF DIRECTION
 EXISTING DRAINAGE AREA
 DRAINAGE MANAGEMENT AREA ID
 ACREAGE
 NODE ELEVATION

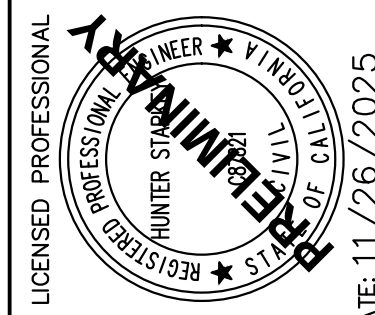
DRAINAGE INFORMATION



COVINA RELIABILITY PROJECT
PREPARED FOR
COVINA RELIABILITY PROJECT
LLC

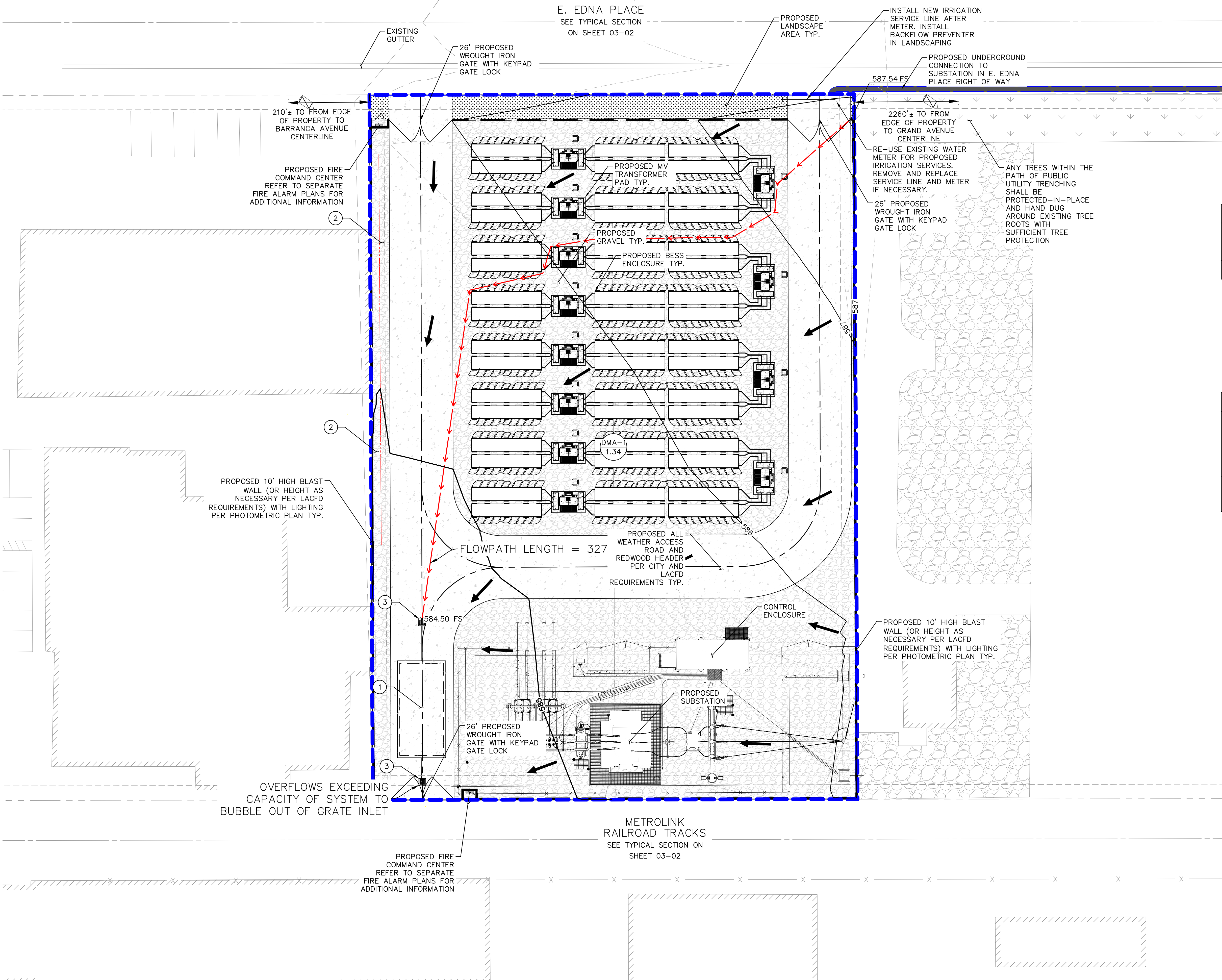
EXISTING DRAINAGE EXHIBIT
530 E. EDNA PLACE
"WEST LOT"

KHA PROJECT 194339010	DATE 11/26/2025	SCALE AS SHOWN	DESIGNED BY A.N.	DRAWN BY A.N.	CHECKED BY H.S.
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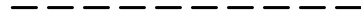
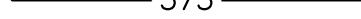
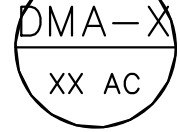


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[illegible]



LEGEND

- | | |
|---|-------------------------------|
|  | PROPERTY LINE |
|  | CENTER LINE |
|  | EASEMENT LINE |
|  | PROPOSED CONTOURS |
|  | FLOW LINES |
|  | SURFACE RUNOFF DIRECTION |
|  | DRAINAGE AREA BOUNDARY |
|  | DRAINAGE MANAGEMENT AREA ID |
| | ACREAGE |
|  | NODE ELEVATION |
|  | PROPOSED LANDSCAPE AREAS |
|  | PROPOSED GRAVEL AREAS |
|  | PROPOSED ACCESS ROAD PAVEMENT |

SITE DATA TABLE

PROPOSED CONDITION

DMA ID	AREA (AC)	AREA (SF)	PERVIOUS AREA (SF)	%PERVIOUS	IMPERVIOUS AREA (SF)	%IMPERVIOUS
DMA-1	1.34	58,168	28,862	49.6%	29,306	50.4%

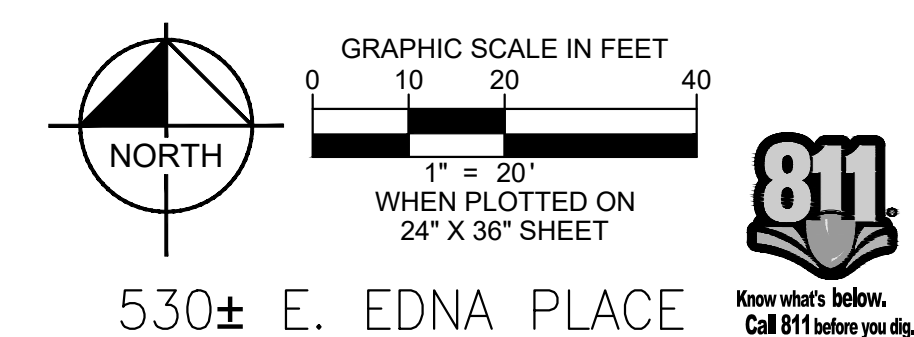
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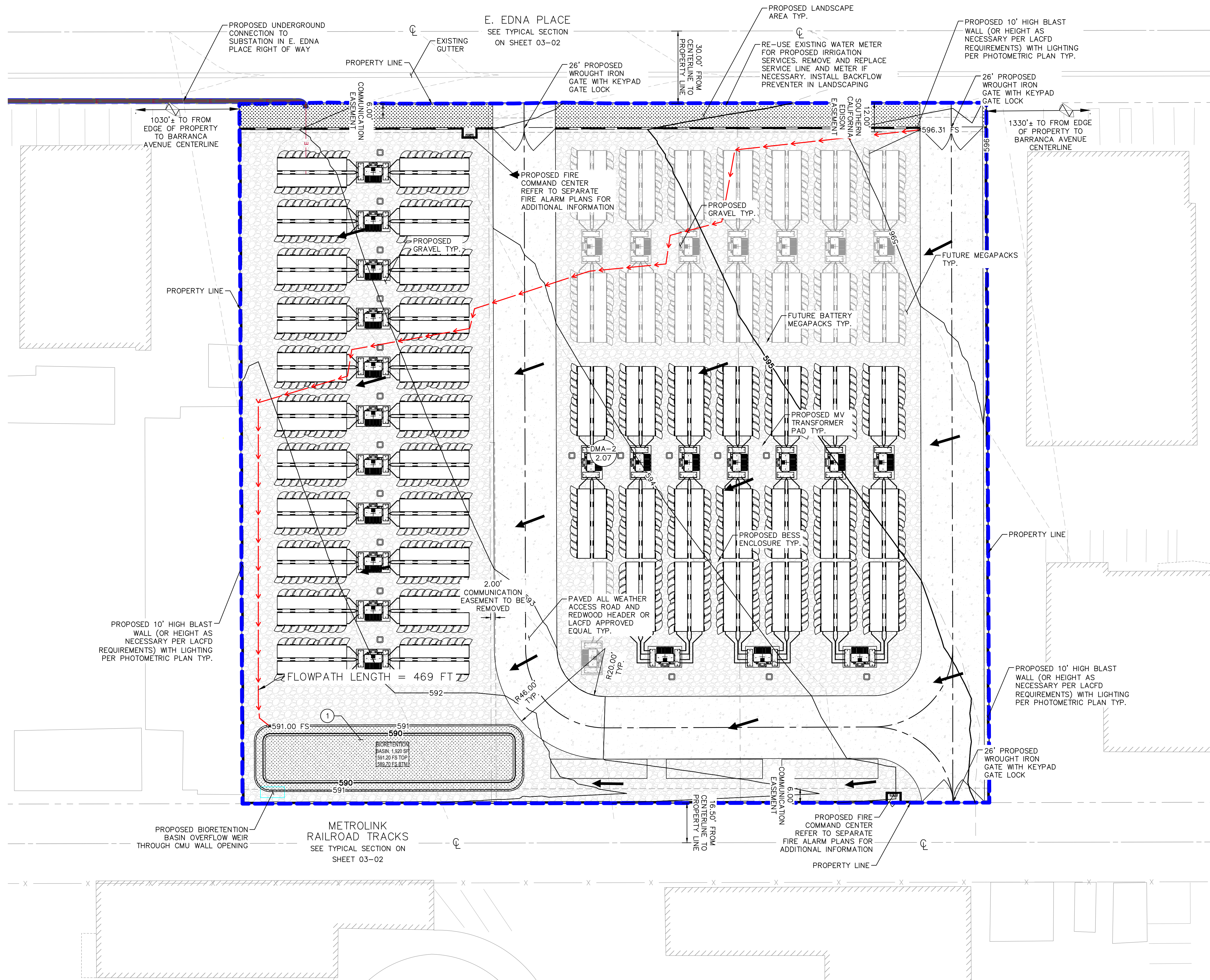
- ① BMP-1: PROPOSED 40' X 20' UNDERGROUND INFILTRATION SYSTEM, STORMTECH MC-7200 PER ADS DETAIL WITH 60" PERFORATED PIPE.
- ② PROPOSED SWALE PER GRADING SECTIONS.
- ③ PROPOSED STORM DRAIN 2'X2' GRATE INLET.

LID INFORMATION

LID TREATMENT

TRIBUTARY DMA	AREA (AC)	PROPOSED LID BMP	DESIGN CAPTURE VOLUME (CF)	PROVIDED VOLUME (CF)	DRAWDOWN TIME (HR)
DMA-1	1.34	BMP-1: ADS STORMTECH MC-7200 CHAMBERS	2427	2643	70





LEGEND

- | | |
|---|-----------------------------|
|  | PROPERTY LINE |
|  | CENTER LINE |
|  | EASEMENT LINE |
|  | PROPOSED CONTOURS |
|  | FLOW LINES |
|  | SURFACE RUNOFF DIRECTION |
|  | DRAINAGE AREA BOUNDARY |
|  | DRAINAGE MANAGEMENT AREA ID |
| | ACREAGE |
| X 25.00 | NODE ELEVATION |
|  | PROPOSED LANDSCAPE AREAS |
|  | PROPOSED GRAVEL AREAS |
|  | PROPOSED ACCESS ROAD PAVEM |

SITE DATA TABLE

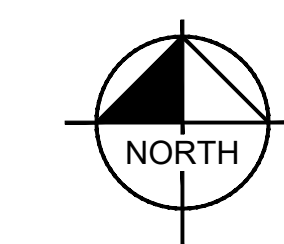
PROPOSED CONDITION						
DMA ID	AREA (AC)	AREA (SF)	PERVIOUS AREA (SF)	%PERVIOUS	IMPERVIOUS AREA (SF)	%IMPERVIOUS
DMA-2	2.07	90,292	46,430	51.4%	43,862	48.6%

NOTES

- ① BMP-2: PROPOSED BIORETENTION BASIN PER DETAIL 1 SHEET 04-04.

LID INFORMATION

LID TREATMENT					
TRIBUTARY DMA	AREA (AC)	PROPOSED LID BMP	DESIGN CAPTURE VOLUME (CF)	PROVIDED VOLUME (CF)	DRAWDOWN TIME (HR)
DMA-2	2.07	BMP-2: BIORETENTION BASIN	3643	3724	15



GRAPHIC SCALE IN FEET

0 10 20 40

1" = 20'

WHEN PLOTTED ON
24" X 36" SHEET

680± E. EDNA PLACE



Know what's below.
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PRELIMINARY LOW IMPACT DEVELOPMENT PLAN

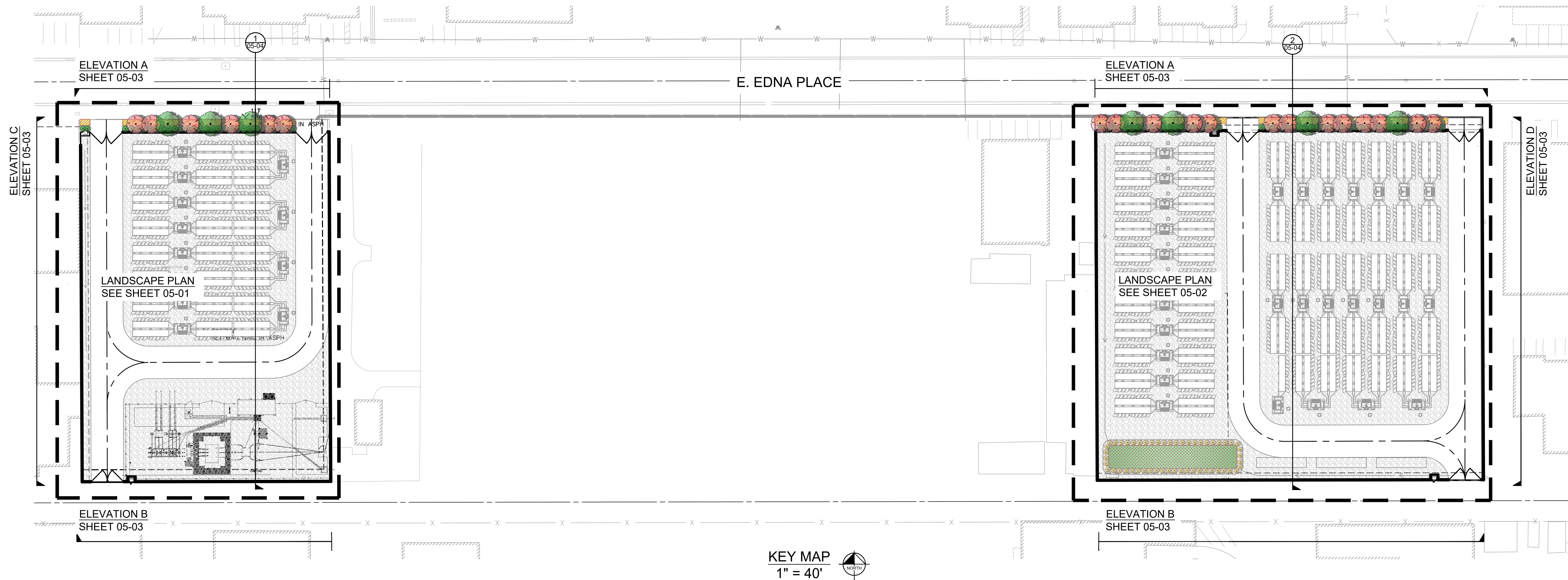
COVIDA RELIABILITY PROJECT
PREPARED FOR
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CITY OF COVINA, C.A.

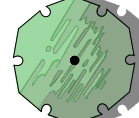
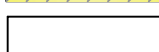
194339010	DATE 11/26/2025	SCALE AS SHOWN	DESIGNED BY A.N.	DRAWN BY A.N.	CHECKED BY H.S.	DATE: 11/26/2025
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PLANT SCHEDULE

<u>SYMBOL</u>	<u>QTY</u>	<u>BOTANICAL / COMMON NAME</u>	<u>CONT.</u>	<u>HEIGHT/SPREAD</u>	<u>CAL.</u>	<u>WUCOLS</u>
<u>TREES</u>						
	19	CERCIS OCCIDENTALIS 'CLAREMONT' / CLAREMONT WESTERN REDBUD	24" BOX	-	-	LOW
	7	LAURUS X 'SARATOGA' / SARATOGA HYBRID LAUREL	36" BOX	-	-	LOW
<u>SYMBOL</u>	<u>QTY</u>	<u>BOTANICAL / COMMON NAME</u>	<u>CONT.</u>	<u>SPACING</u>	<u>WUCOLS</u>	!
<u>SHRUBS</u>						
	52	BERBERIS NEVINII / NEVIN'S BARBERRY	5 GAL.	4' O.C.	LOW	
	81	RHAMNUS CALIFORNICA 'LITTLE SUR' / LITTLE SUR COFFEEBERRY	15 GAL.	5' O.C.	LOW	
<u>SYMBOL</u>	<u>QTY</u>	<u>BOTANICAL / COMMON NAME</u>	<u>CONT.</u>	<u>SPACING</u>	<u>WUCOLS</u>	
<u>GROUND COVERS</u>						
	1,924 SF	BIORETENTION SEED MIX	HYDROSEED	-	LOW	
	233	LANTANA X 'NEW GOLD' / NEW GOLD LANTANA	5 GAL.	3' O.C.	LOW	
	7,057 SF	WOOD BARK MULCH				

NOTE: NO EXISTING TREES ONSITE

CITY OF COVINA TREE REQUIREMENTS

CODE REQUIREMENT	SITE REQUIREMENT	PROVIDED
1 TREE FOR EACH 500 SF OF LANDSCAPE AREA	9,111 SF OF LANDSCAPE AREA/500 = 18 TREES	26 TREES
40% OF PROPOSED TREES TO BE 24" BOX SIZE	26 TREES(0.4) = 11 24" BOX TREES	19 24" BOX TREES
12.5% OF TREES TO BE 48" BOX SIZE OR 25% OF TREES TO BE 36" BOX SIZE	26 TREES(0.25) = 7 36" BOX TREES	7 36" BOX TREES
1 TREE FOR EACH 60' LF OF STREET FRONTAGE	510 LF OF STREET FRONTAGE/60 = 9 TREES	26 TREES
1 TREE FOR EACH 6,000 SF OF SITE AREA	148,430 SF OF SITE AREA/6,000 = 25 TREES	26 TREES

LANDSCAPE NOTE:

THE SELECTION OF PLANT MATERIAL IS BASED ON CLIMATIC, AESTHETIC, AND MAINTENANCE CONSIDERATIONS. ALL PLANTING AREAS SHALL BE PREPARED WITH APPROPRIATE SOIL AMENDMENTS, FERTILIZERS AND APPROPRIATE SUPPLEMENTS BASED UPON A SOILS REPORT FROM AN AGRICULTURAL SUITABILITY SOIL SAMPLE TAKEN FROM THE SITE. DECOMPOSED GRANITE SHALL FILL IN BETWEEN SHRUBS TO SHIELD THE SOIL FROM THE SUN, EVAPOTRANSPIRATION, AND RUN-OFF. ALL SHRUB BEDS SHALL BE MULCHED TO A 3" DEPTH TO HELP CONSERVE WATER, LOWER SOIL TEMPERATURE, AND REDUCE WEED GROWTH. THE SHRUBS SHALL BE ALLOWED TO GROW IN THEIR NATURAL FORMS. ALL LANDSCAPE IMPROVEMENTS SHALL FOLLOW THE GUIDELINES SET FORTH BY THE CITY OF COVINA MUNICIPAL CODE.

IRRIGATION NOTE:

AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED TO PROVIDE 100% COVERAGE FOR ALL PLANTING AREAS SHOWN ON THE PLAN. THE WATER SUPPLY FOR THIS SITE IS A POTABLE WATER CONNECTION AND A DEDICATED IRRIGATION METER AND SMART CONTROLLER WILL BE PROVIDED. LOW VOLUME DRIP EQUIPMENT SHALL PROVIDE SUFFICIENT WATER FOR PLANT GROWTH WITH NO WATER LOSS DUE TO FILTER CONTROLLERS, AND OTHER NECESSARY IRRIGATION EQUIPMENT. ALL POINT SOURCE SYSTEM SHALL BE ADEQUATELY WATERED AND REGULATED PER THE MANUFACTURER'S RECOMMENDED DESIGN PARAMETERS. ALL IRRIGATION IMPROVEMENTS SHALL FOLLOW THE GUIDELINES SET FORTH BY THE CITY OF COVINA MUNICIPAL CODE.

I HAVE COMPLIED WITH THE CRITERIA OF THE WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE AND IRRIGATION DESIGN PLAN.

RANDALL A. KOPFF JR, LLA 6633

STATE OF CALIFORNIA ESTIMATED WATER USE

TOTAL WATER USE IS CALCULATED BY SUMMING THE AMOUNT OF WATER ESTIMATED FOR EACH HYDROZONE. WATER USE FOR EACH HYDROZONE IS ESTIMATED WITH THE FOLLOWING FORMULA:

EWU (HYDROZONE) = ESTIMATED WATER USE (GAL / YEAR)
ETO = REFERENCE EVAPOTRANSPIRATION (INCHES / YEAR)
PF = PLANT ETO ADJUSTMENT FACTOR
HA = HYDROZONE AREA (S.F.)
.62 = CONVERSION FACTOR
IE = IRRIGATION EFFICIENCY
SLA = SPECIAL LANDSCAPE AREA (S.F.)

$$\text{EWU (HYDROZONE)} = (\text{ETO} * \text{PF} * \text{HA} * .62) / (\text{IE})$$

HYDROZONE A (DRIP)

ETO	PF	HA	IE	CONVERSION FACTOR	EWU GAL/YEAR
50.1	.2	7057	.81	.62	54125

HYDROZONE B (BUBBLER)

ETO	PF	HA	IE	CONVERSION FACTOR	EWU GAL/YEAR
50.1	.4	832	.75	.62	13783

ESTIMATED TOTAL WATER USE (ETWU)

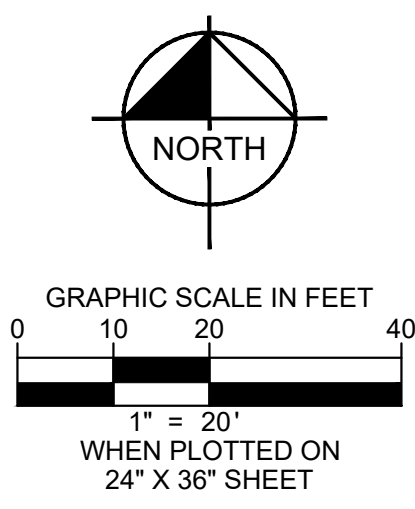
67908

MAWA (MAXIMUM APPLIED WATER ALLOWANCE)

ETO	ET ADJUSTMENT FACTOR	TOTAL HA	CONVERSION FACTOR	MAWA
50.1	.45	7889	.62	110272

ESTIMATED ANNUAL WATER USE (% OF MAWA)

62



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11/26/2025

LICENSED PROFESSIONAL
 LANDSCAPE ARCHITECT
 STATE OF CALIFORNIA
 License No. 14000
 Signature: _____
 Renewal Date: _____
 Date: _____

KHA PROJECT 194339010
DATE 11/26/2025
SCALE AS SHOWN
DESIGNED BY AJ
DRAWN BY AJ
CHECKED BY RK

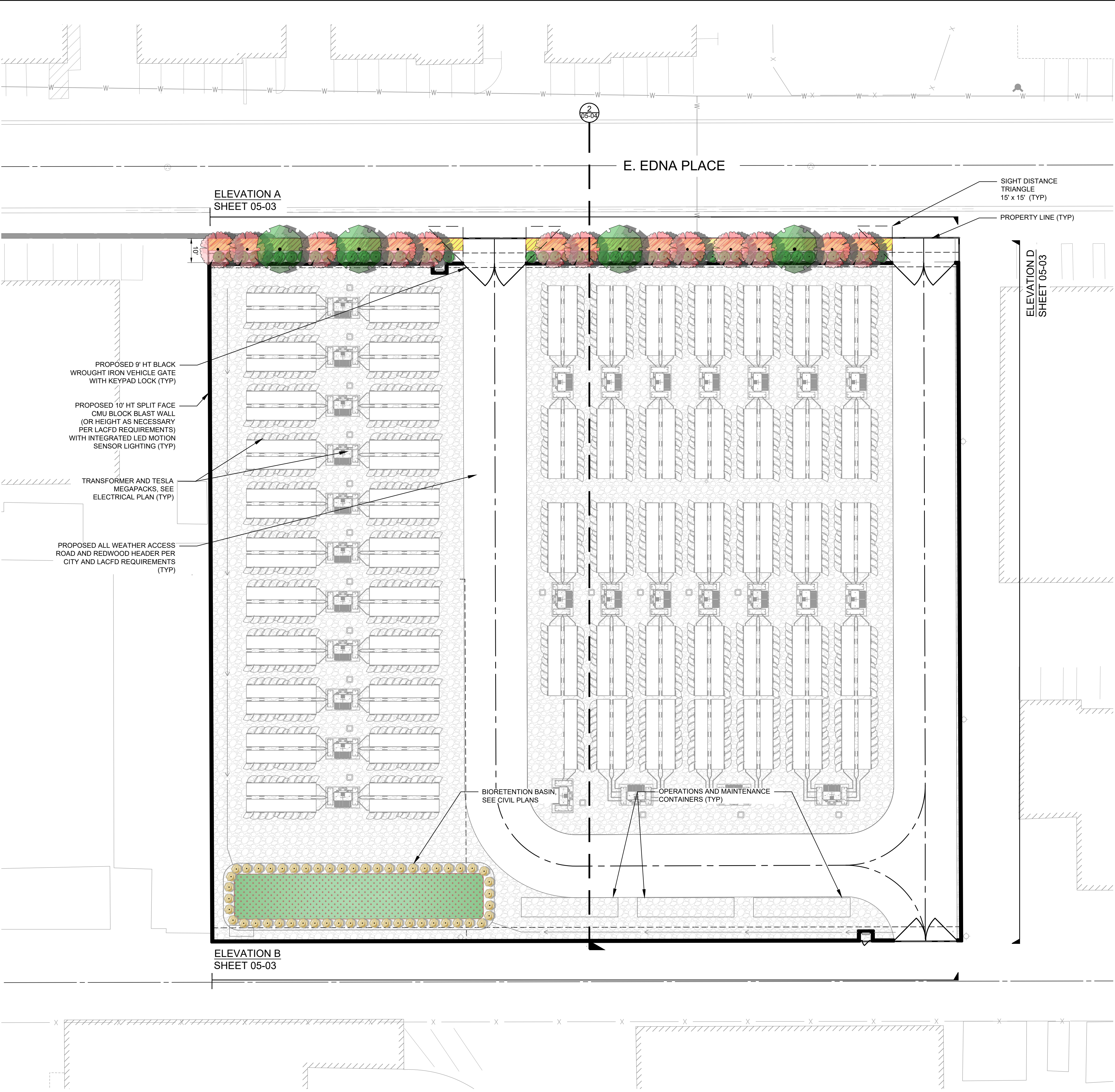
PRELIMINARY LANDSCAPE PLAN

COVIDA RELIABILITY PROJECT
PREPARED FOR
COVIDA RELIABILITY PROJECT
LLC

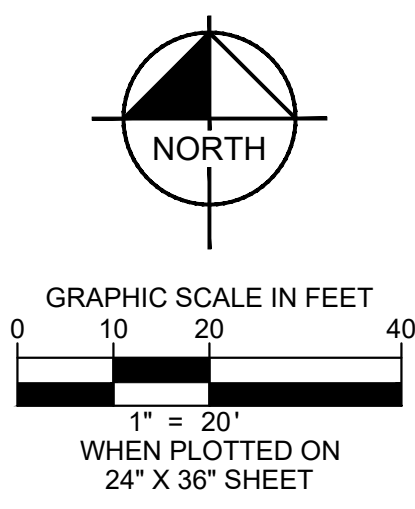
CITY OF COVINA,
C.A.

SHEET NUMBER
05-01

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PLANT LEGEND (SEE SHEET 05-00 FOR FULL SCHEDULE)		
SYMBOL	QTY	BOTANICAL / COMMON NAME
TREES		
	19	CERCIS OCCIDENTALIS 'CLAREMONT' / CLAREMONT WESTERN REDBUD
	7	LAURUS X 'SARATOGA' / SARATOGA HYBRID LAUREL
SHRUBS		
	52	BERBERIS NEVINII / NEVIN'S BARBERRY
	81	RHAMNUS CALIFORNICA 'LITTLE SUR' / LITTLE SUR COFFEEBERRY
GROUND COVERS		
	1,924 SF	BIORETENTION SEED MIX
	233	LANTANA X 'NEW GOLD' / NEW GOLD LANTANA
	7,057 SF	WOOD BARK MULCH



COVINA RELIABILITY PROJECT
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PRELIMINARY
LANDSCAPE PLAN

DATE: 11/26/2025
SCALE: AS SHOWN
DESIGNED BY: AJ
DRAWN BY: AJ
CHECKED BY: RK

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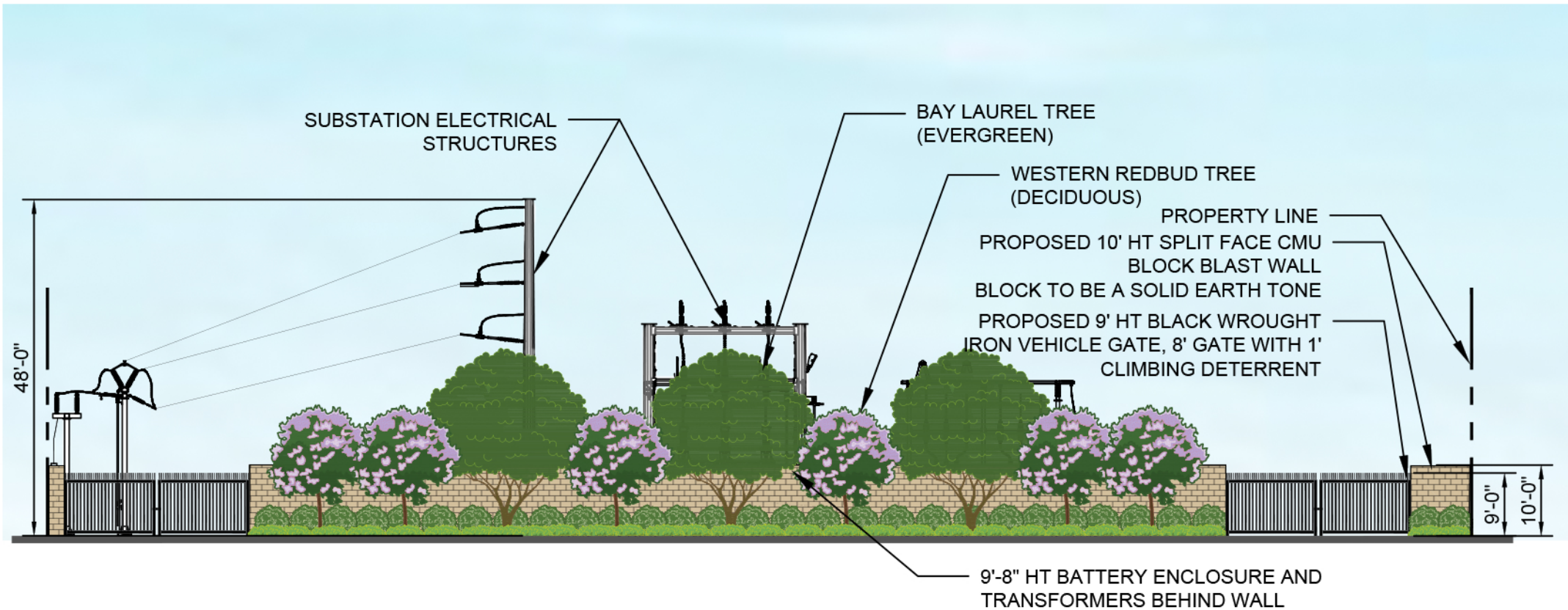
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LANDSCAPE ARCHITECT
STATE OF CALIFORNIA
No. 1111111111

DATE: 11/26/2025

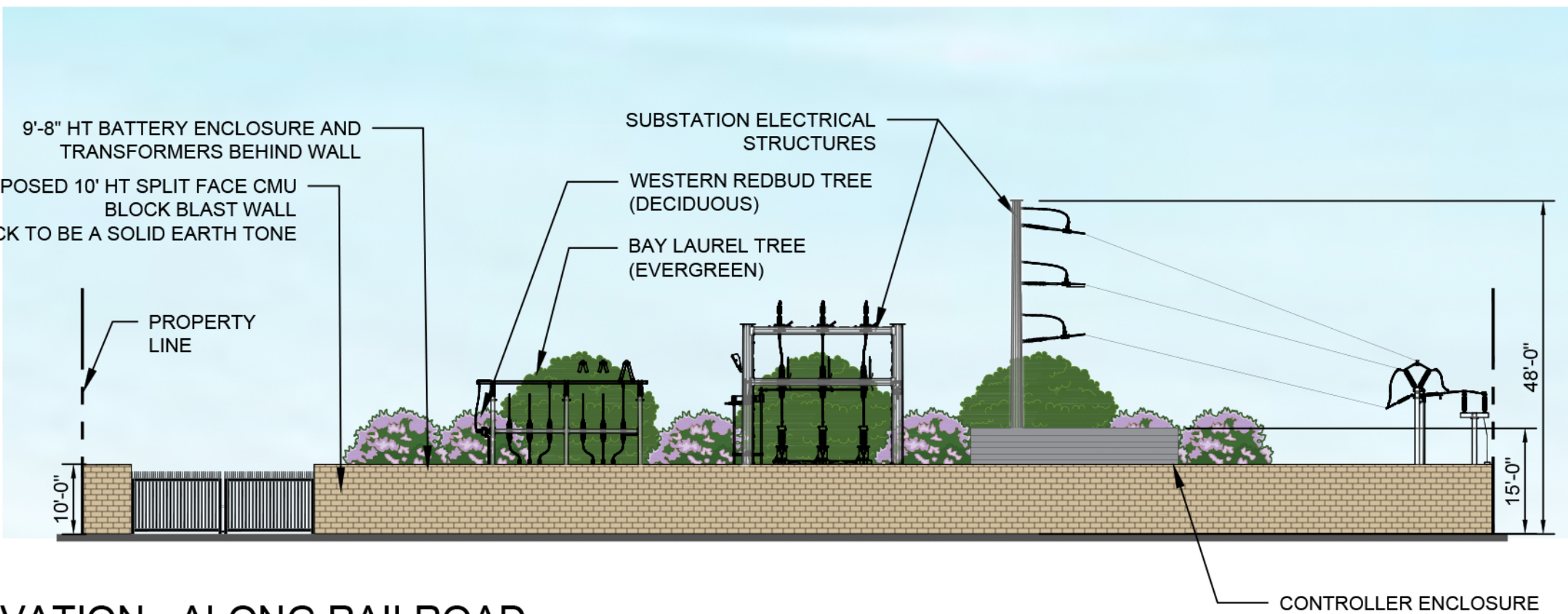
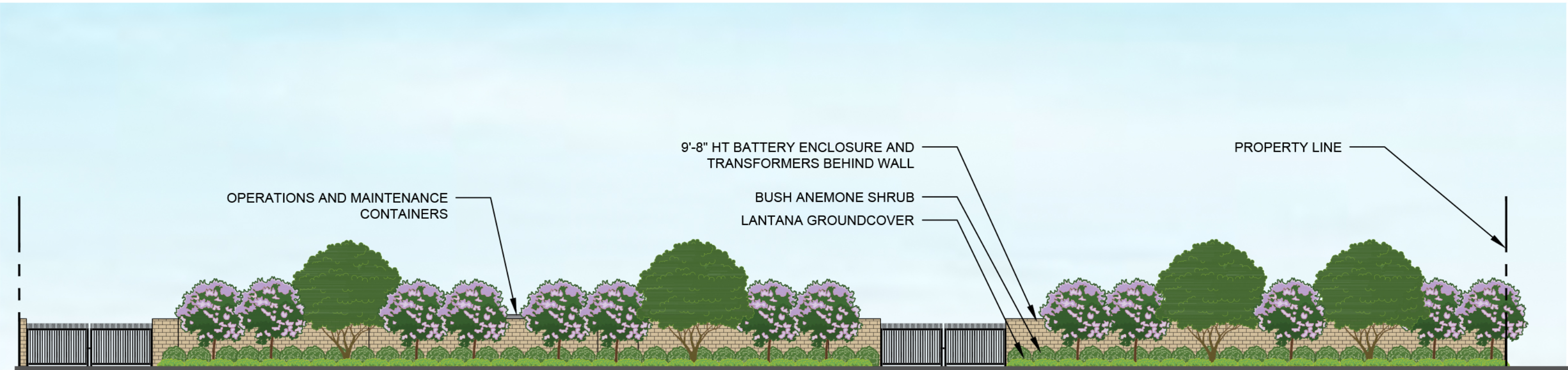
CITY OF COVINA, C.A.

SHEET NUMBER
05-02

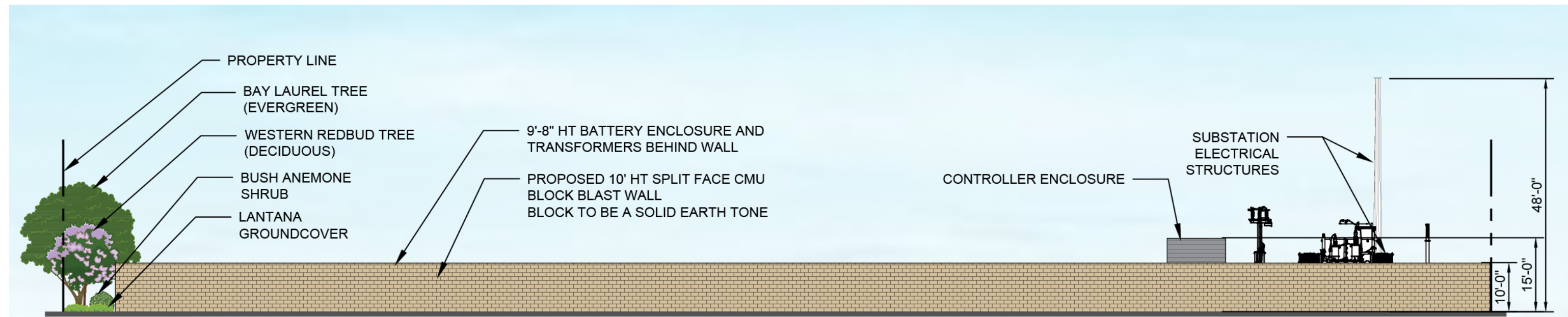
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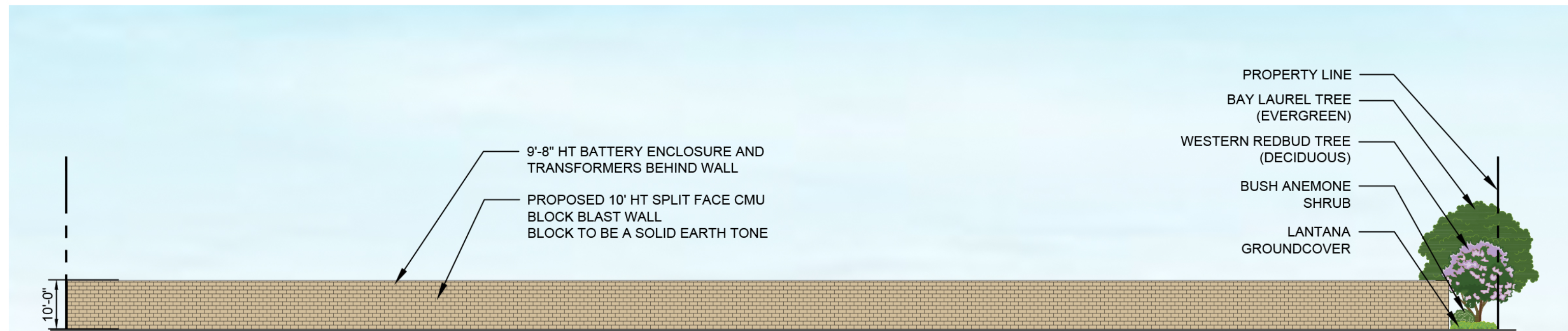
A ELEVATION - ALONG E. EDNA PLACE
1' = 20'



B ELEVATION - ALONG RAILROAD
1' = 20'

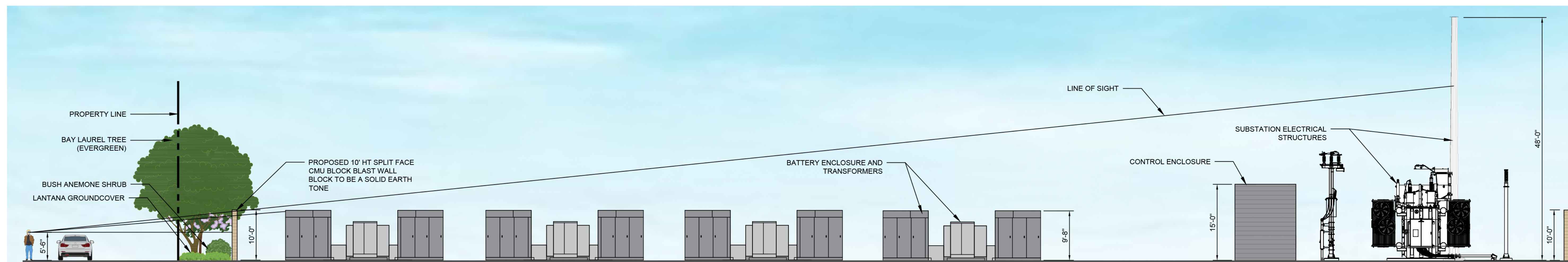


C ELEVATION - ALONG WEST PARCEL
1' = 20'

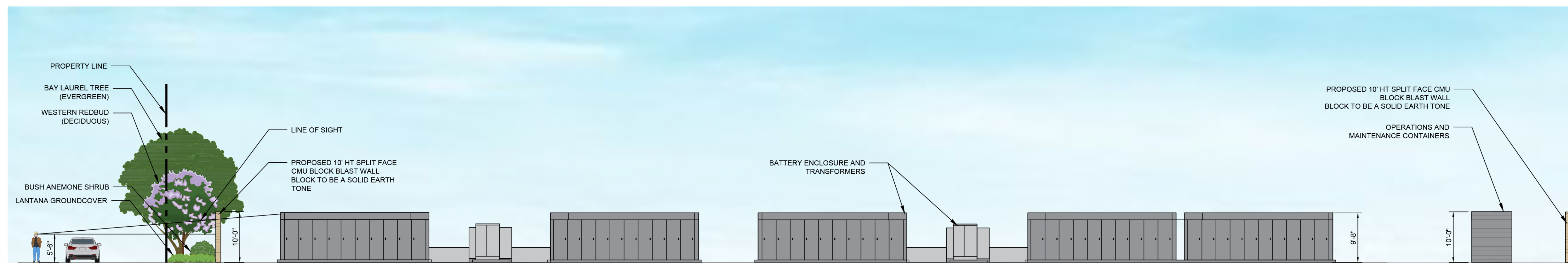


D ELEVATION - ALONG EAST PARCEL
1' = 20'

KHA PROJECT 194339010		DATE 11/26/2025		SCALE AS SHOWN		DESIGNED BY AJ		DRAWN BY AJ		CHECKED BY RK		DATE 11/26/2025			
SITE ELEVATIONS												COVINA RELIABILITY PROJECT PREPARED FOR COVINA RELIABILITY PROJECT LLC CITY OF COVINA, C.A.			
811 Know what's below. Call 811 before you dig.												SHEET NUMBER 05-03			
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1 LINE OF SIGHT - WEST PROPERTY
1' = 10'



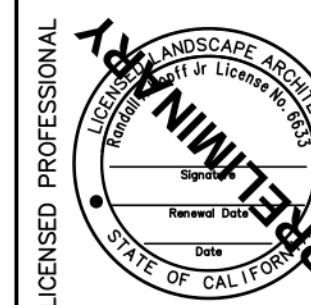
2 LINE OF SIGHT - EAST PROPERTY
1' = 10'



COVINA RELIABILITY PROJECT
PREPARED FOR
COVINA RELIABILITY PROJECT
LLC

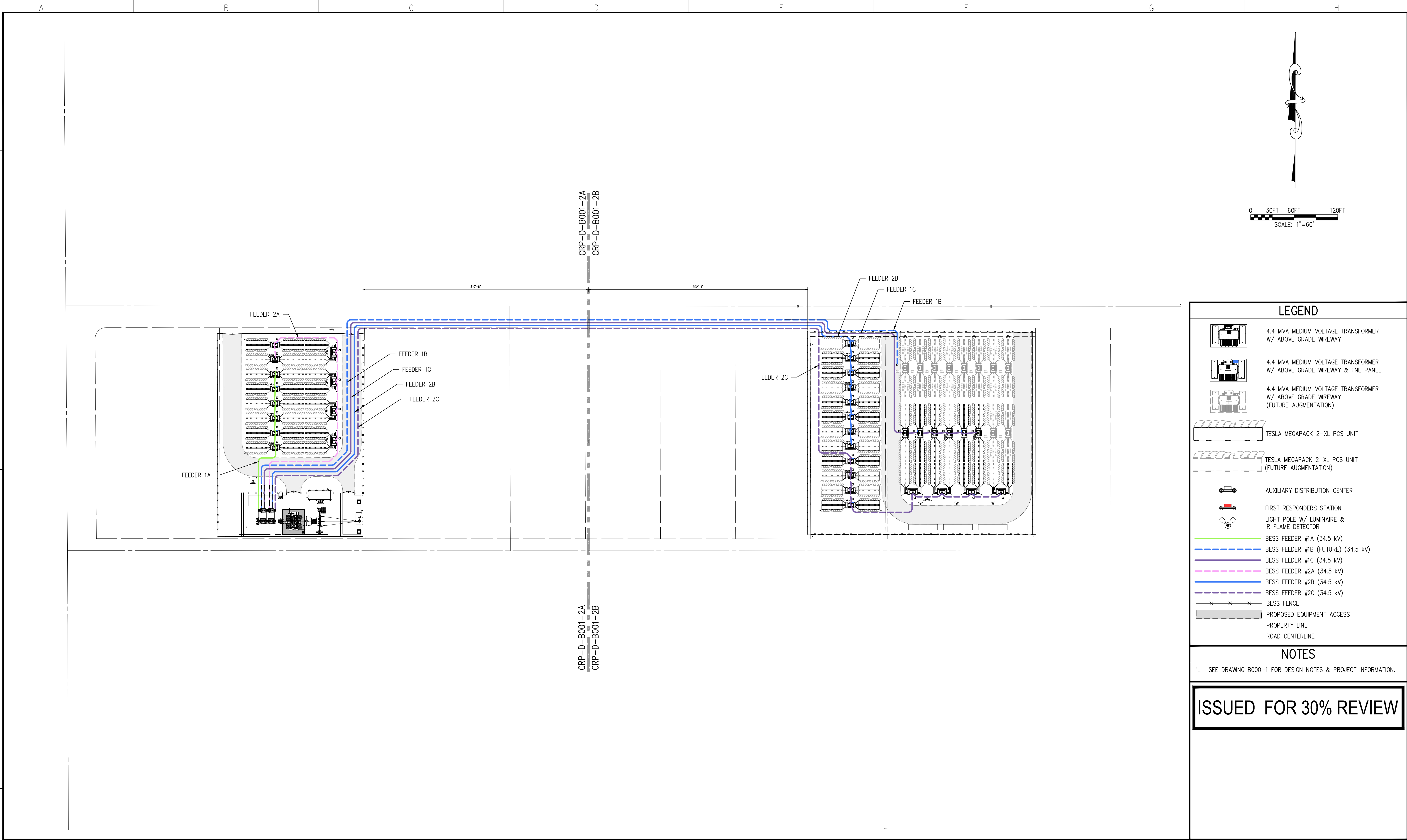
LINE OF SIGHT SECTIONS

KHA PROJECT 194339010
DATE 11/26/2025
SCALE AS SHOWN
DESIGNED BY AJ
DRAWN BY AJ
CHECKED BY RK



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LEGEND

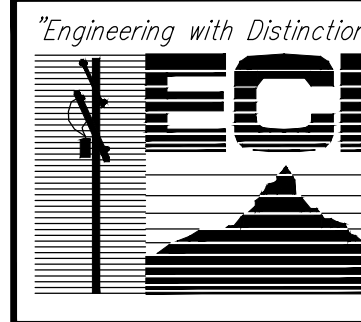
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- 4.4 MVA MEDIUM VOLTAGE TRANSFORMER W/ ABOVE GRADE WIREWAY & FNE PANEL
- 4.4 MVA MEDIUM VOLTAGE TRANSFORMER W/ ABOVE GRADE WIREWAY (FUTURE AUGMENTATION)
- TESLA MEGAPACK 2-XL PCS UNIT
- TESLA MEGAPACK 2-XL PCS UNIT (FUTURE AUGMENTATION)
- AUXILIARY DISTRIBUTION CENTER
- FIRST RESPONDERS STATION
- LIGHT POLE W/ LUMINAIRE & IR FLAME DETECTOR
- BESS FEEDER #1A (34.5 kV)
- BESS FEEDER #1B (FUTURE) (34.5 kV)
- BESS FEEDER #1C (34.5 kV)
- BESS FEEDER #2A (34.5 kV)
- BESS FEEDER #2B (34.5 kV)
- BESS FEEDER #2C (34.5 kV)
- BESS FENCE
- PROPOSED EQUIPMENT ACCESS
- PROPERTY LINE
- ROAD CENTERLINE

NOTES

1. SEE DRAWING B000-1 FOR DESIGN NOTES & PROJECT INFORMATION.

ISSUED FOR 30% REVIEW

FILE LOCATION: N:\SHARED\01 ECI\UPSTREAM ENERGY SERVICES\02 PROJECTS\UCE-007 COVINA\030 RENEWABLE\100 CADD\CRP-D-B001-2.DWG LAST SAVED BY: dnrosian 1/10/2025 12:08 PM PLOTTED BY: David N. Rosian 1/10/2025 1:51 PM Tab:CRP-D-B001-2



ECI
ELECTRICAL
CONSULTANTS, INC.
BILLINGS, MONTANA

OA	ISSUED FOR 30% REVIEW	01/10/25	DNR	CDM
NO	REVISION	DATE	BY	APR



ENGINEERING RECORD		DATE
DRAWN	D. ROSIAN	12/19/24
DESIGNED	K. ANKROM	12/19/24
CHECKED	C. MYERS	-
APPROVED		
DWG SCALE: 1" = 60'-0"		PLT SCALE:

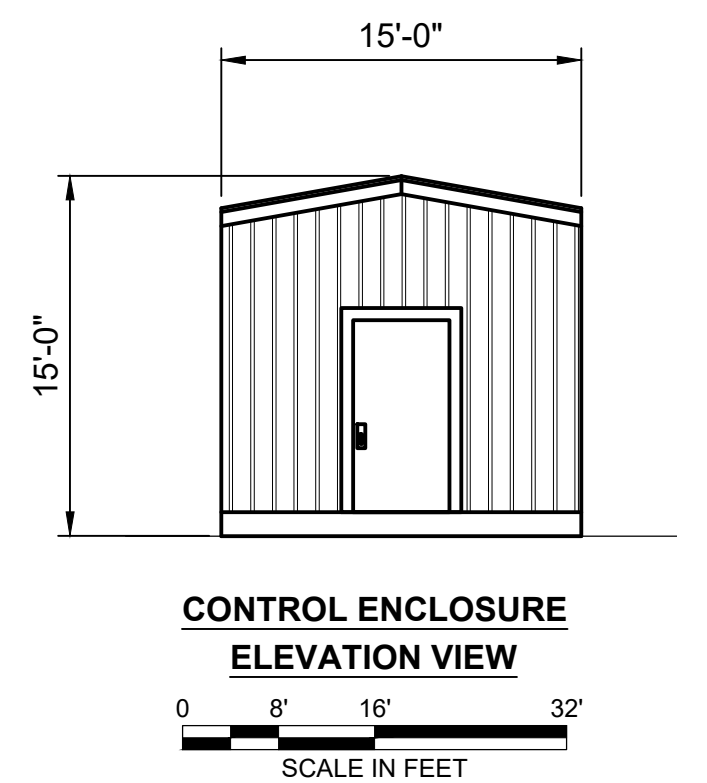
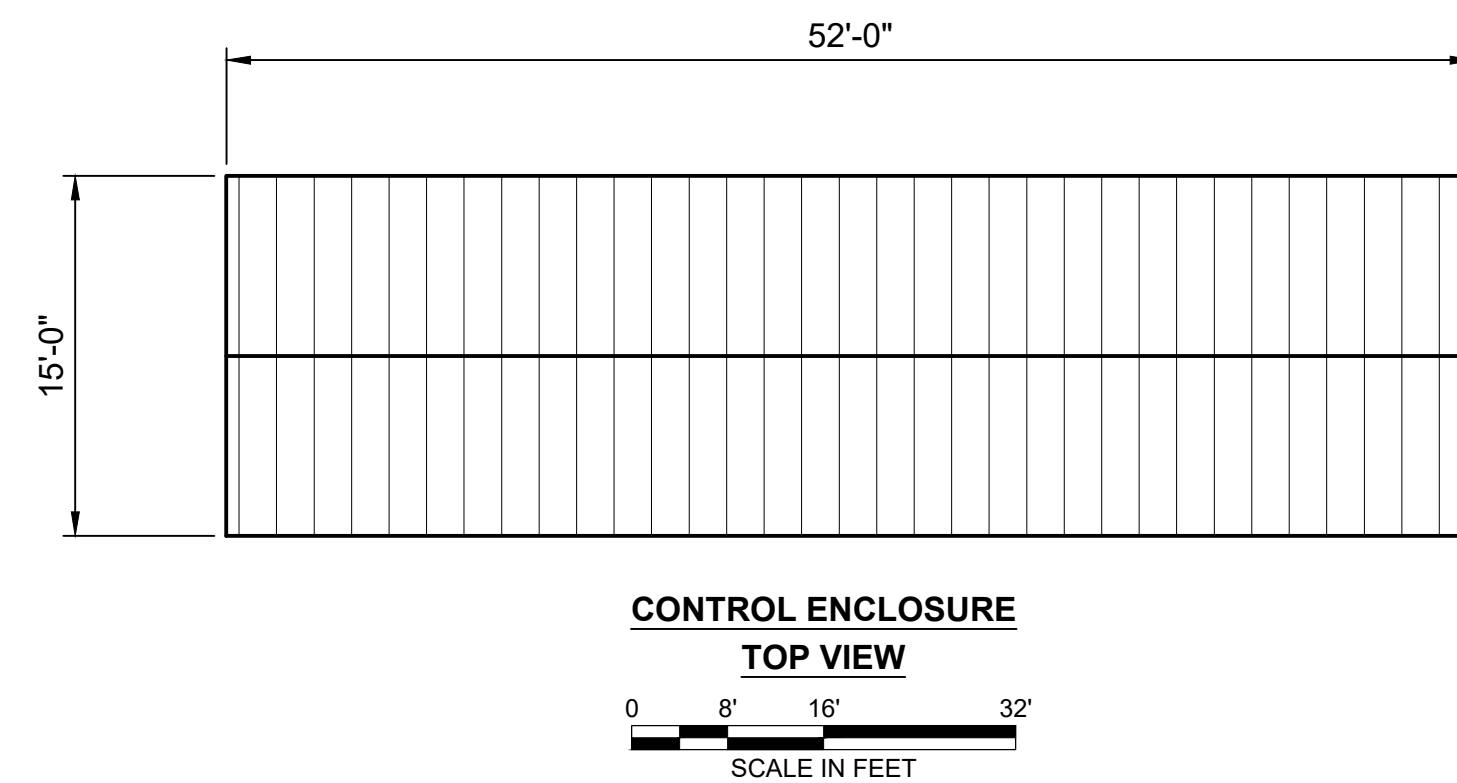
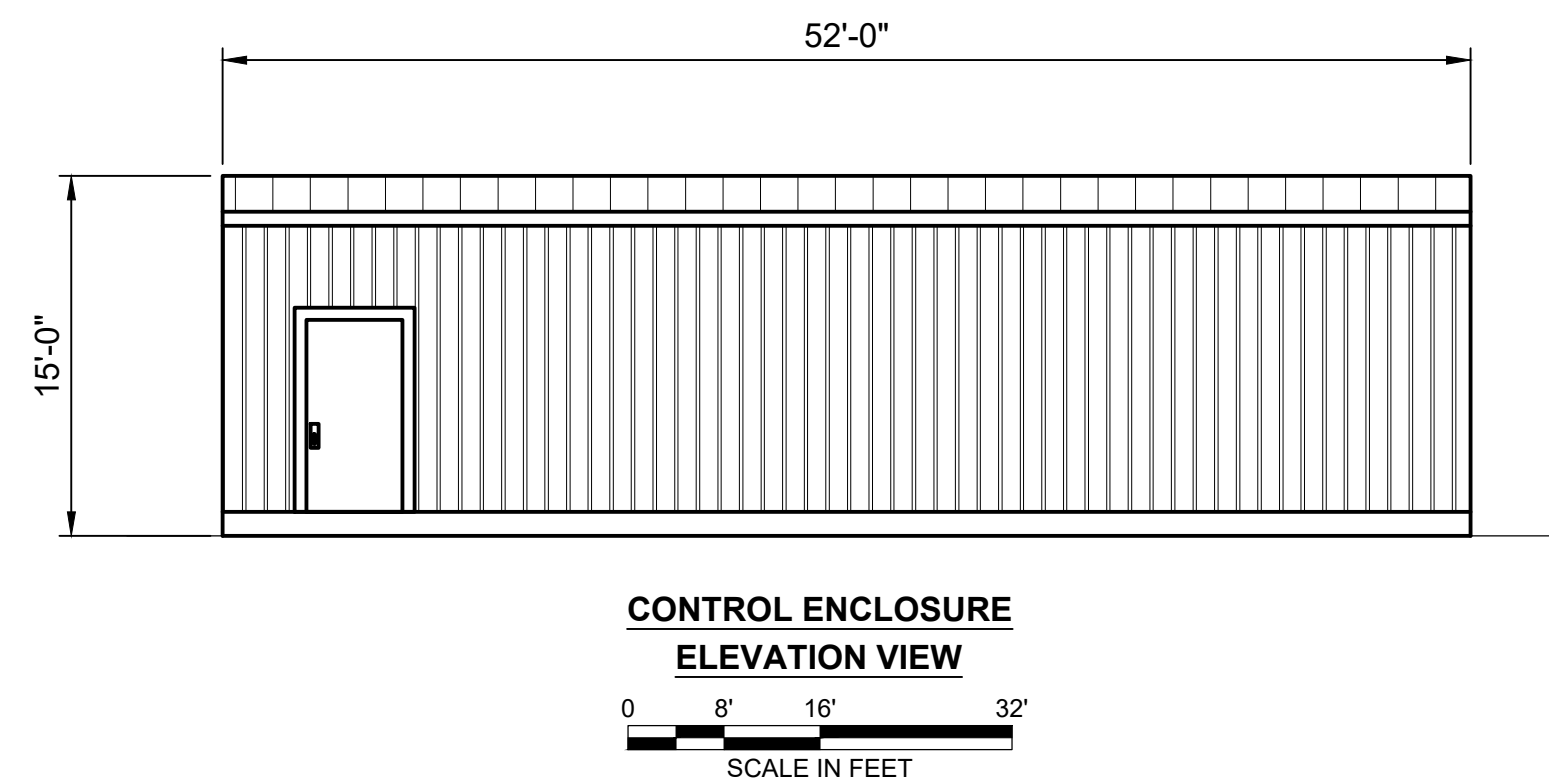
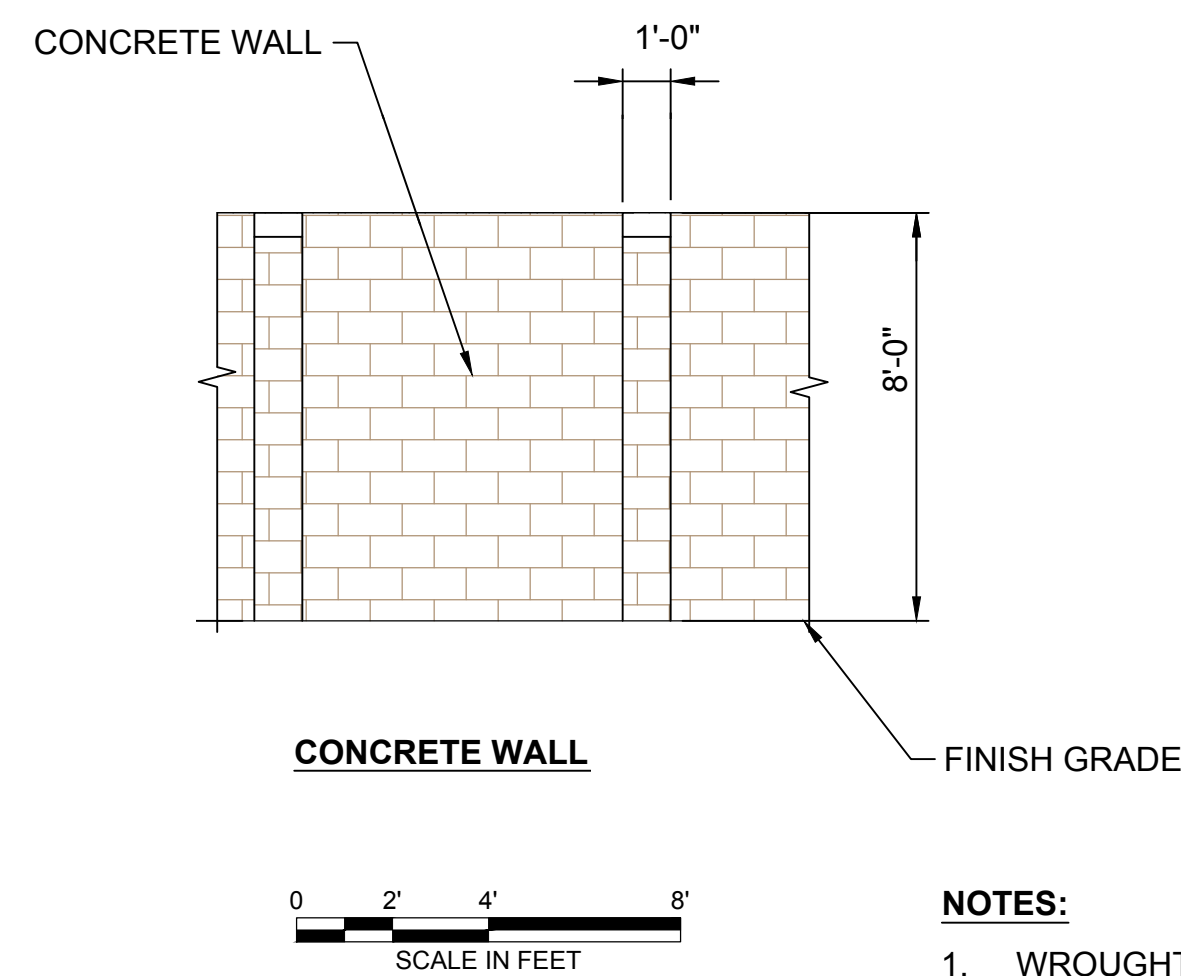
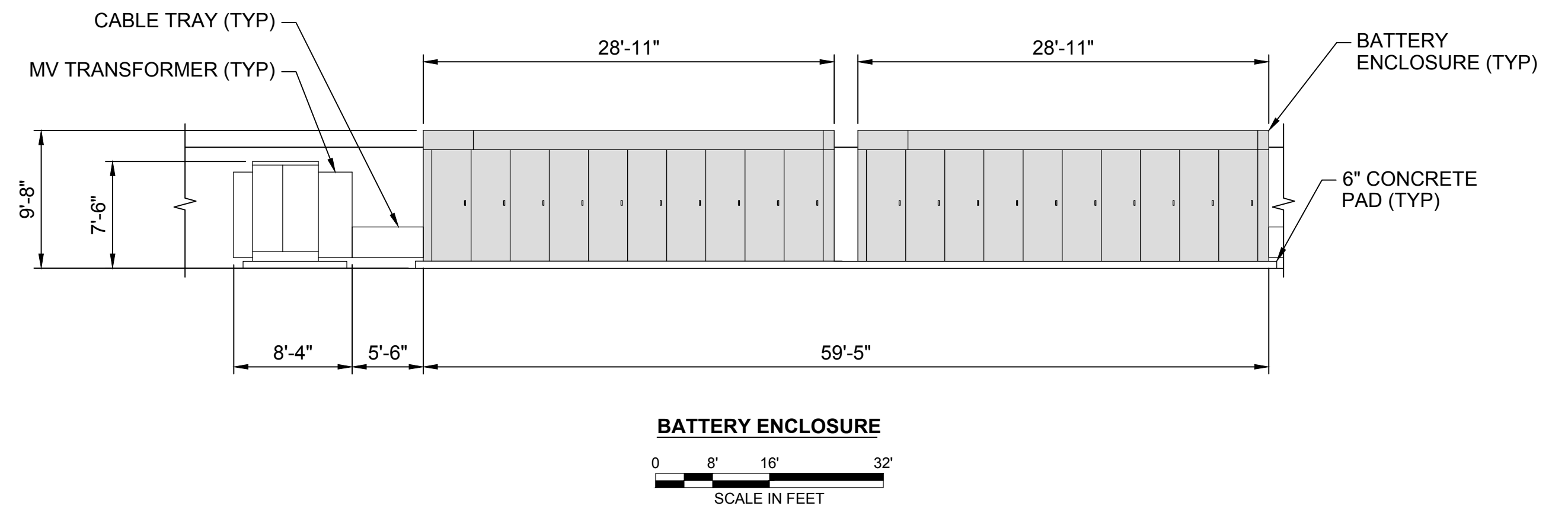
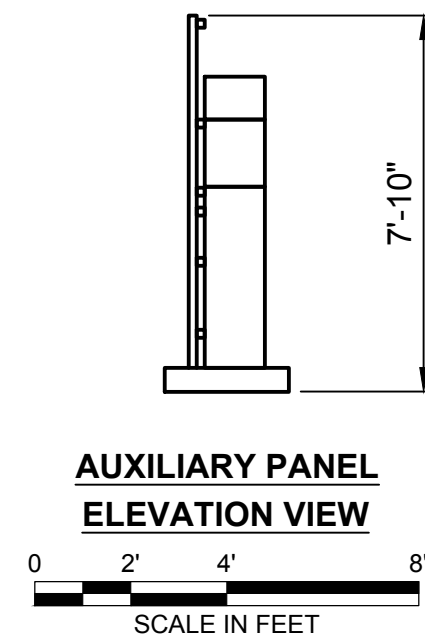
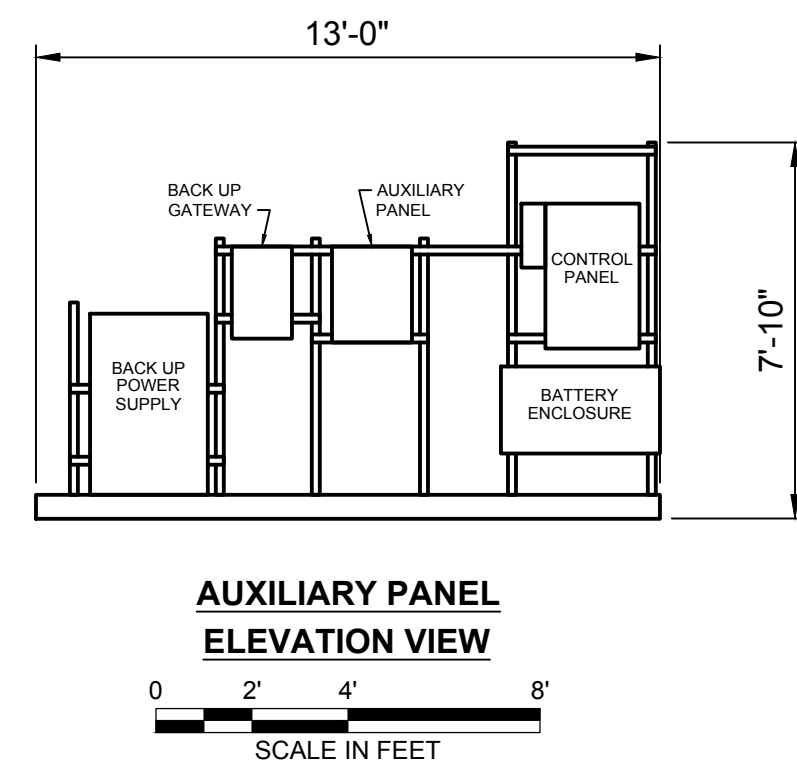
COVINA RELIABILITY PROJECT

110 MW / 440 MWH BATTERY ENERGY STORAGE SYSTEM

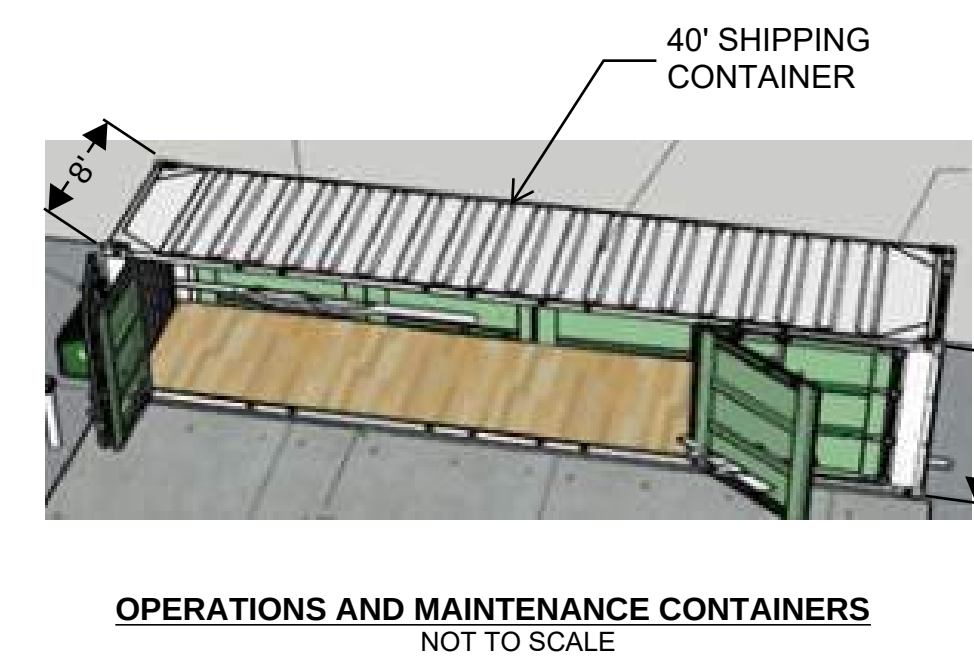
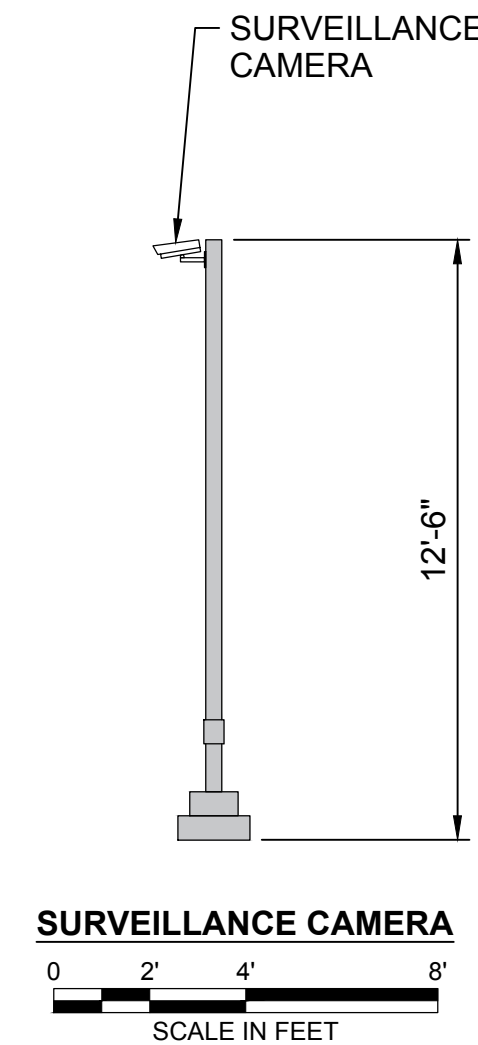
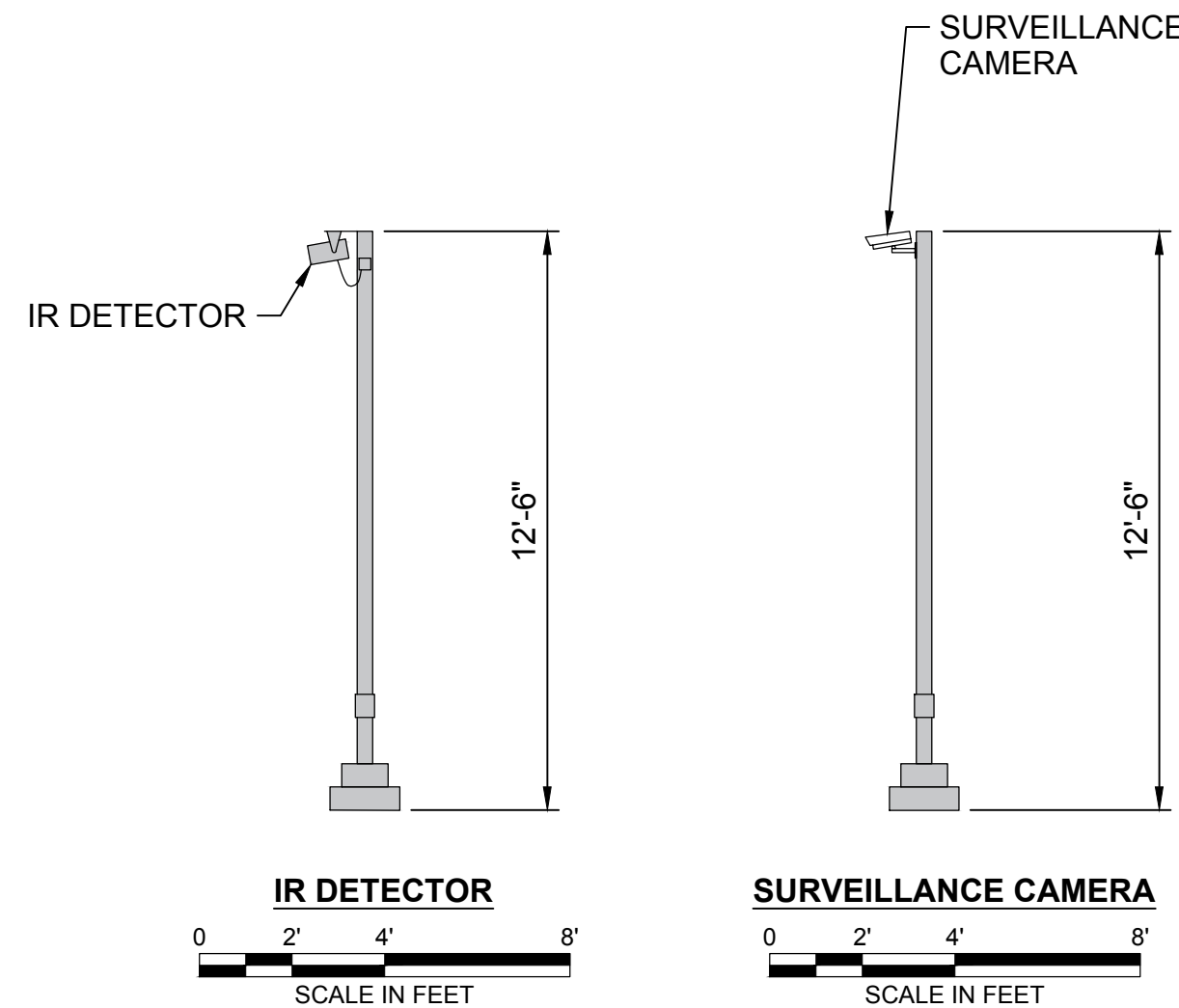
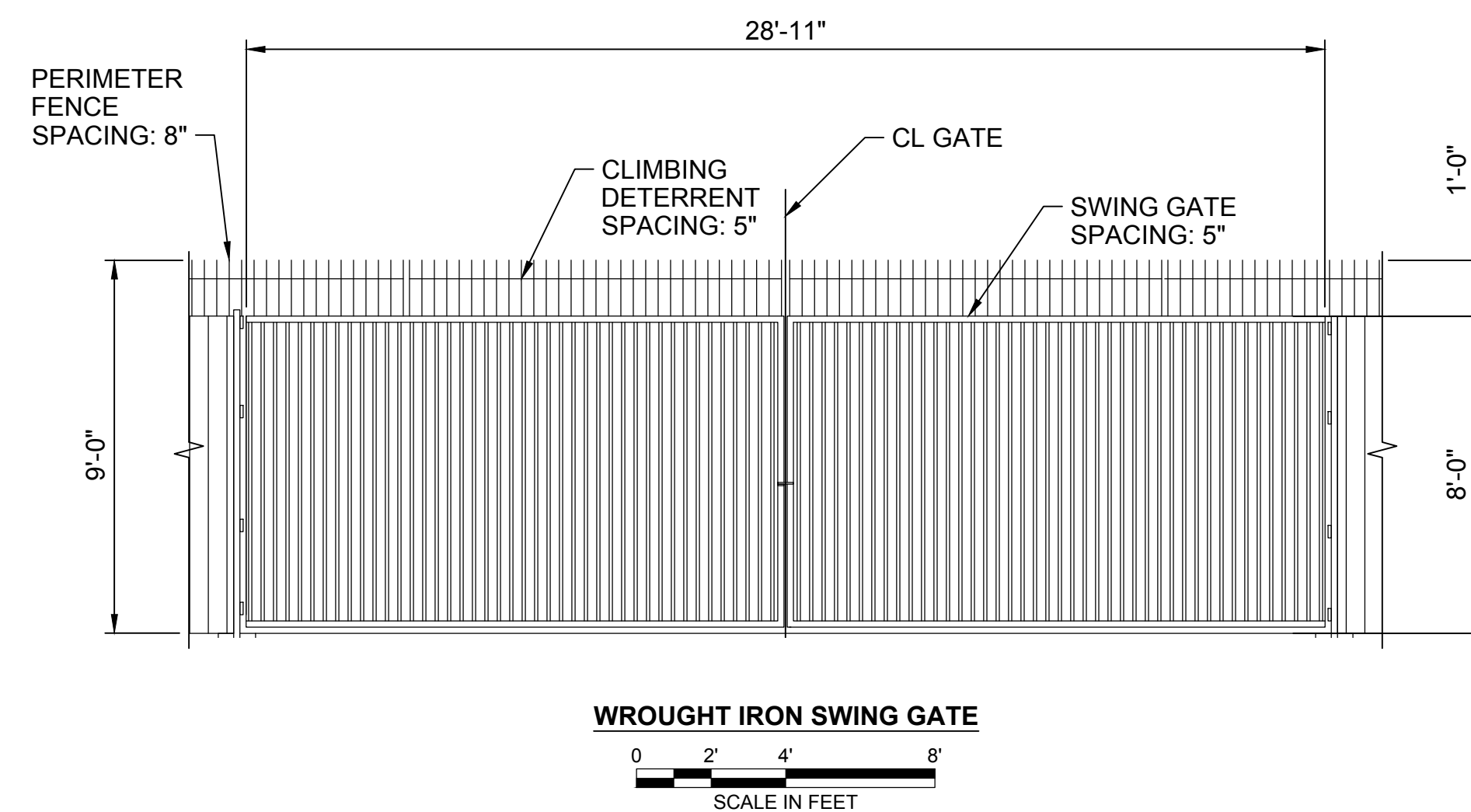
FEEDER ROUTE MAP

DWG. NAME: CRP-D-B001-2

REVISION NO : 0A



- NOTES:**
1. WROUGHT IRON FENCING TO BE COLOR BLACK.
 2. PRECAST CONCRETE WALL TO BE COLOR TAN.

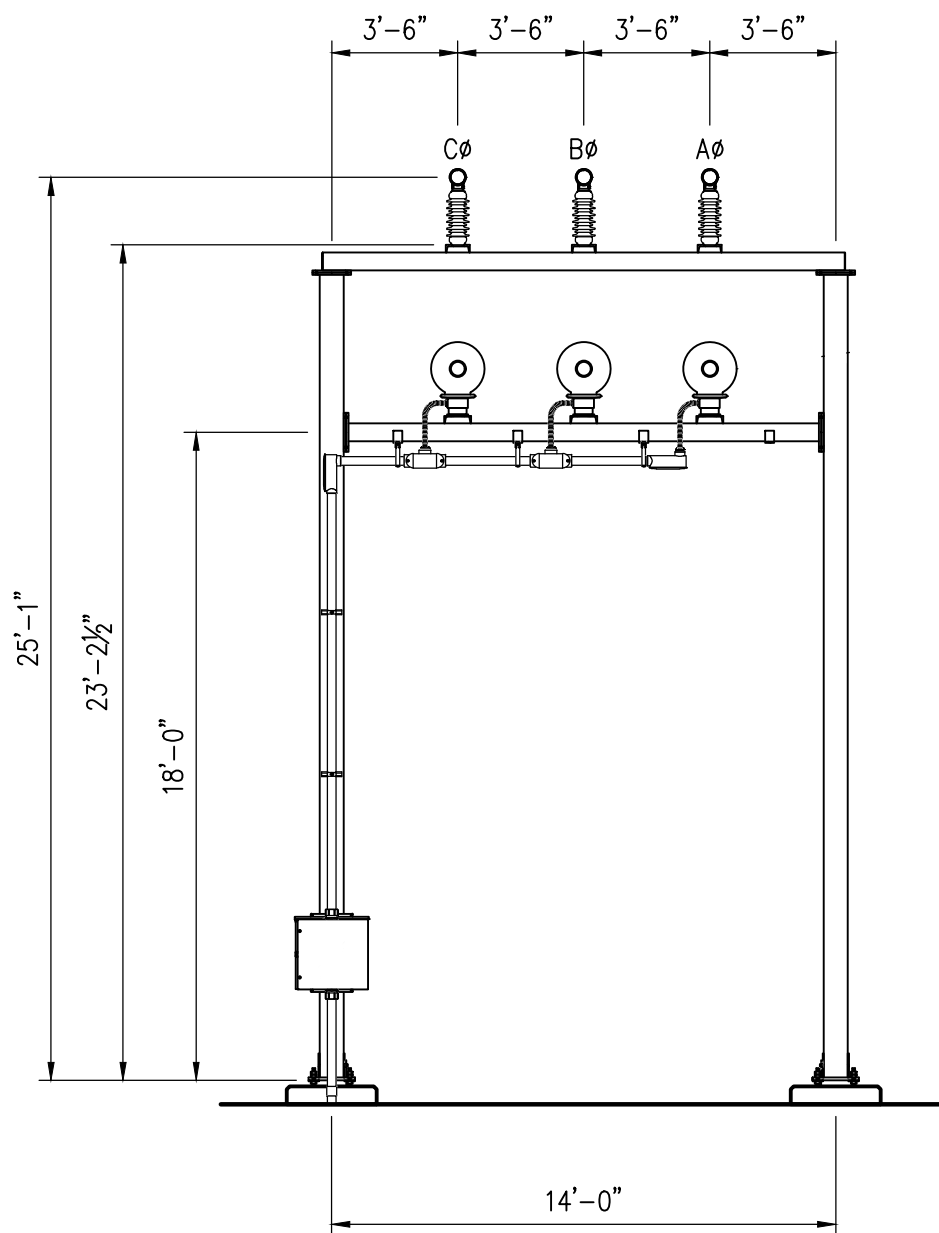


																				Covina Reliability Project, LLC 101 W. Broadway, Suite 1120 San Diego, CA 92101											Covina Reliability Project 522, 534 & 680 Edna Place Covina, CA 91723																							
																															project					contract																		
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																																								EQP-1										-				
no. date by ckd										no. date by ckd										description																				sheet 1					of 2					sheets				

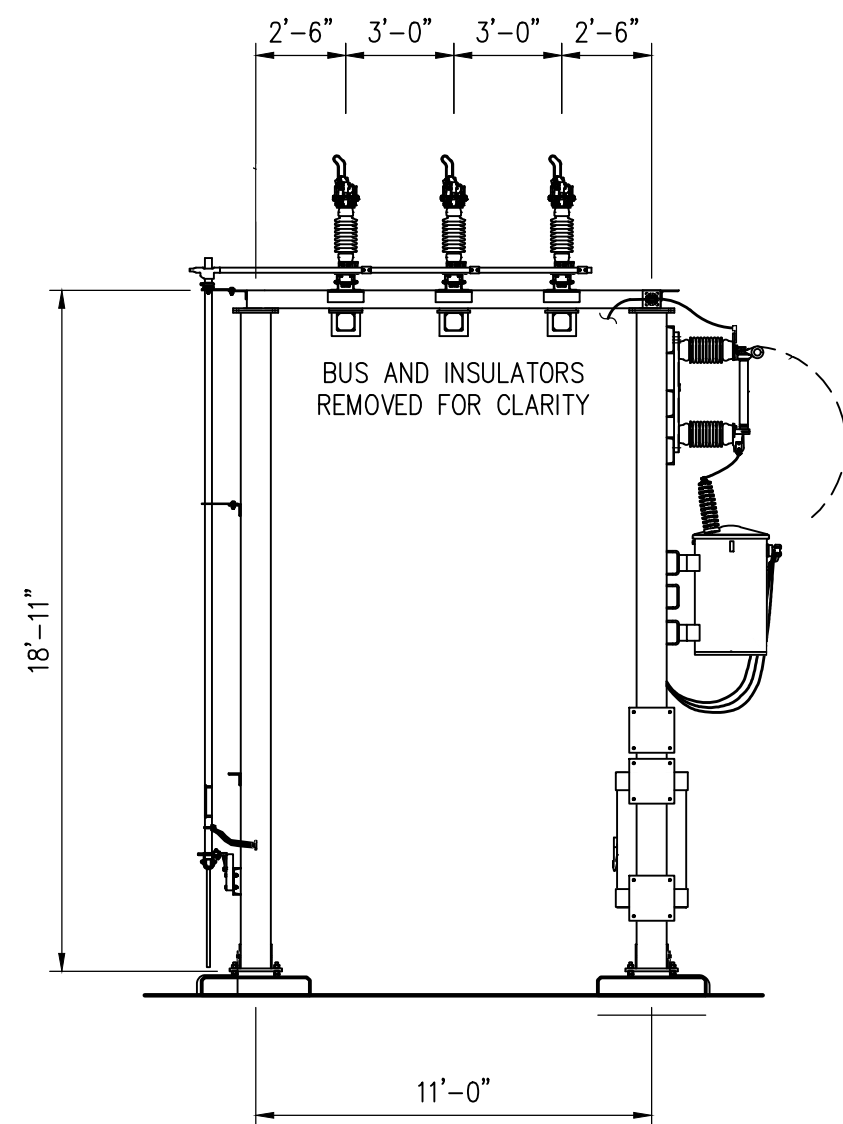
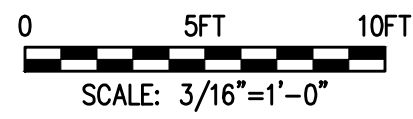
Millimeters

Scale For Microfilming

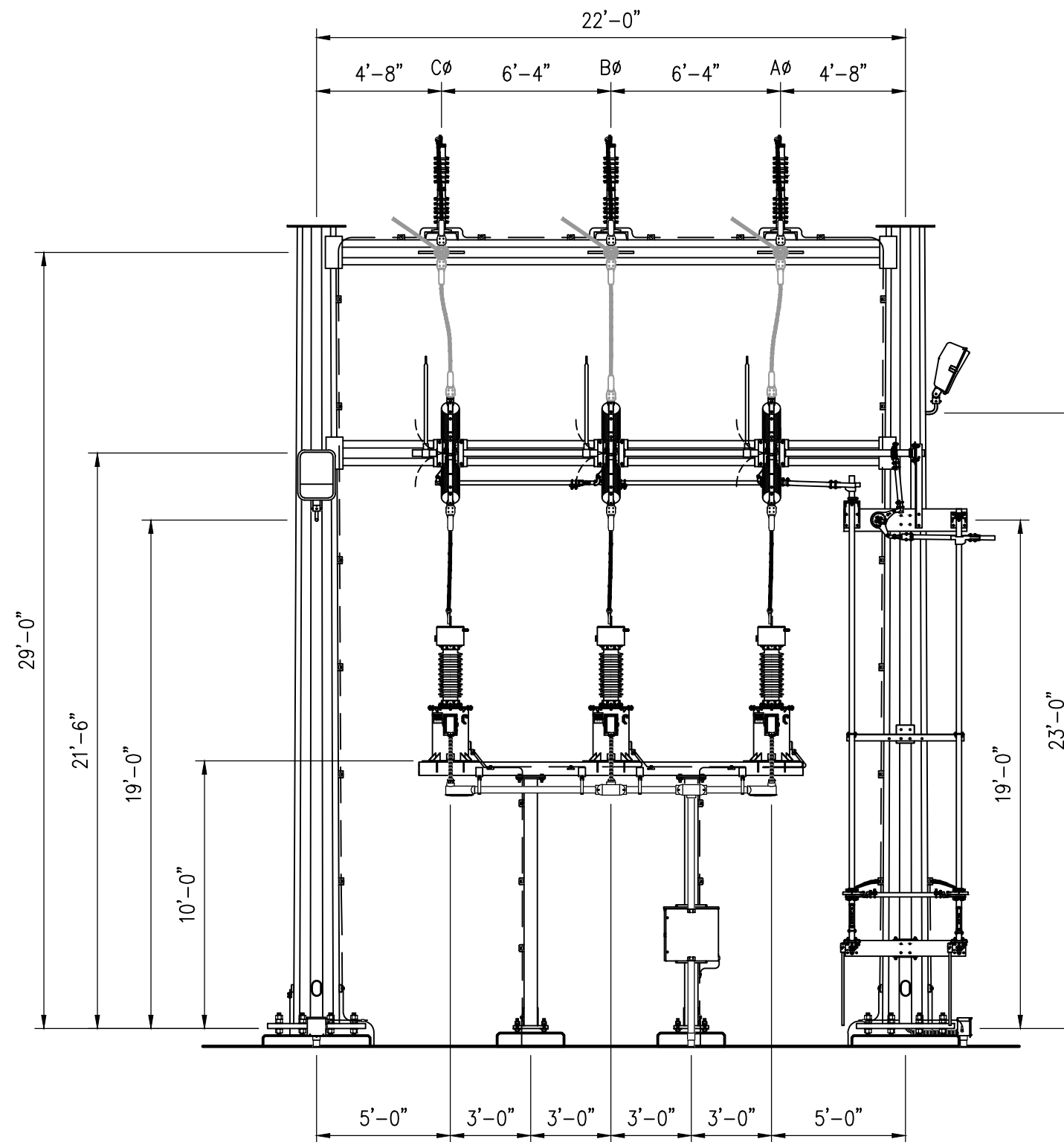
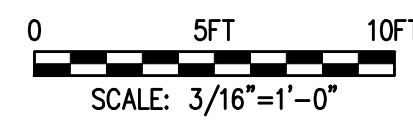
Inches



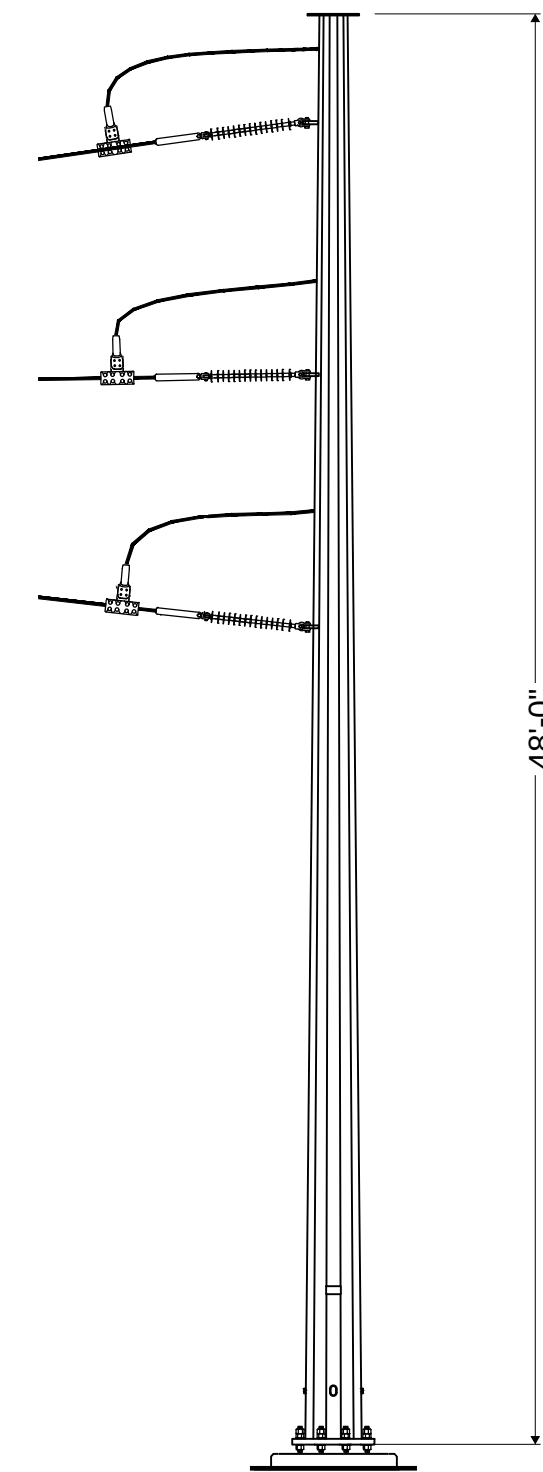
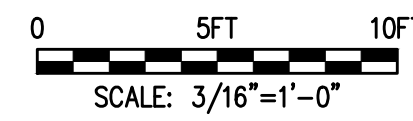
34.5 kV CT AND BUS
STRUCTURE



34.5 kV DISCONNECT
SWITCH WITH
STATION SERVICE

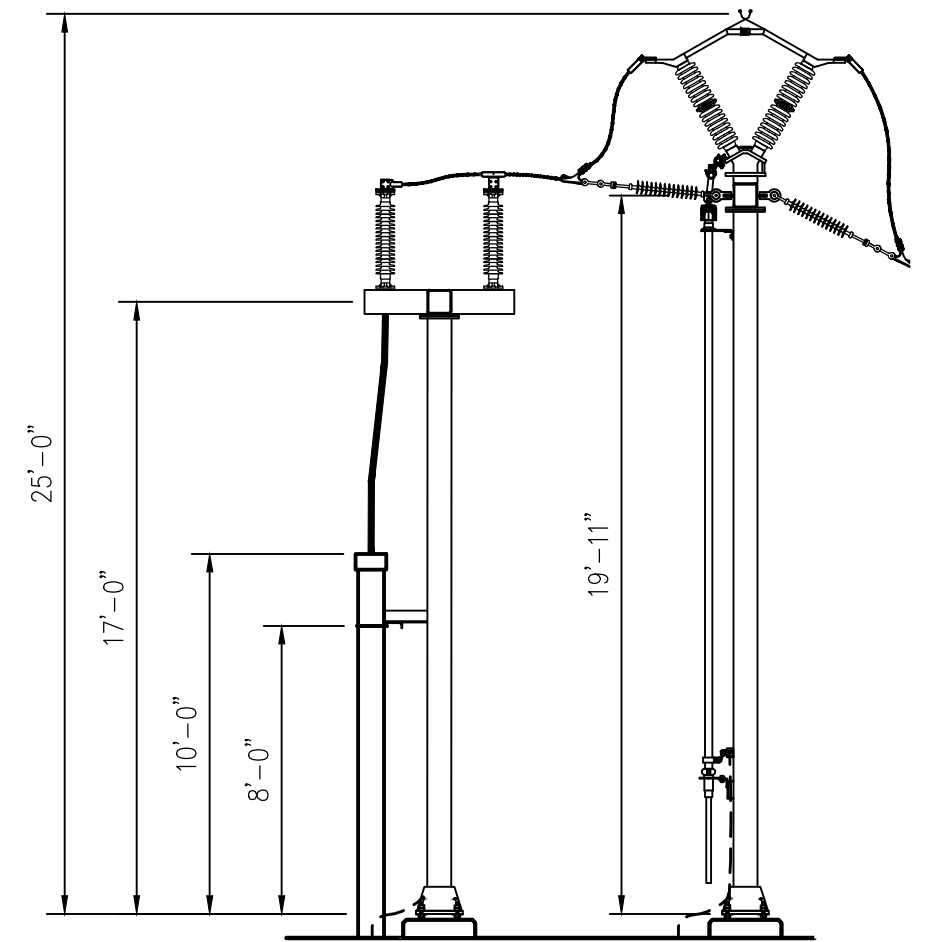


69 kV DEADEND STRUCTURE,
LINE DISCONNECT WITH
GROUND, CT/PT STAND



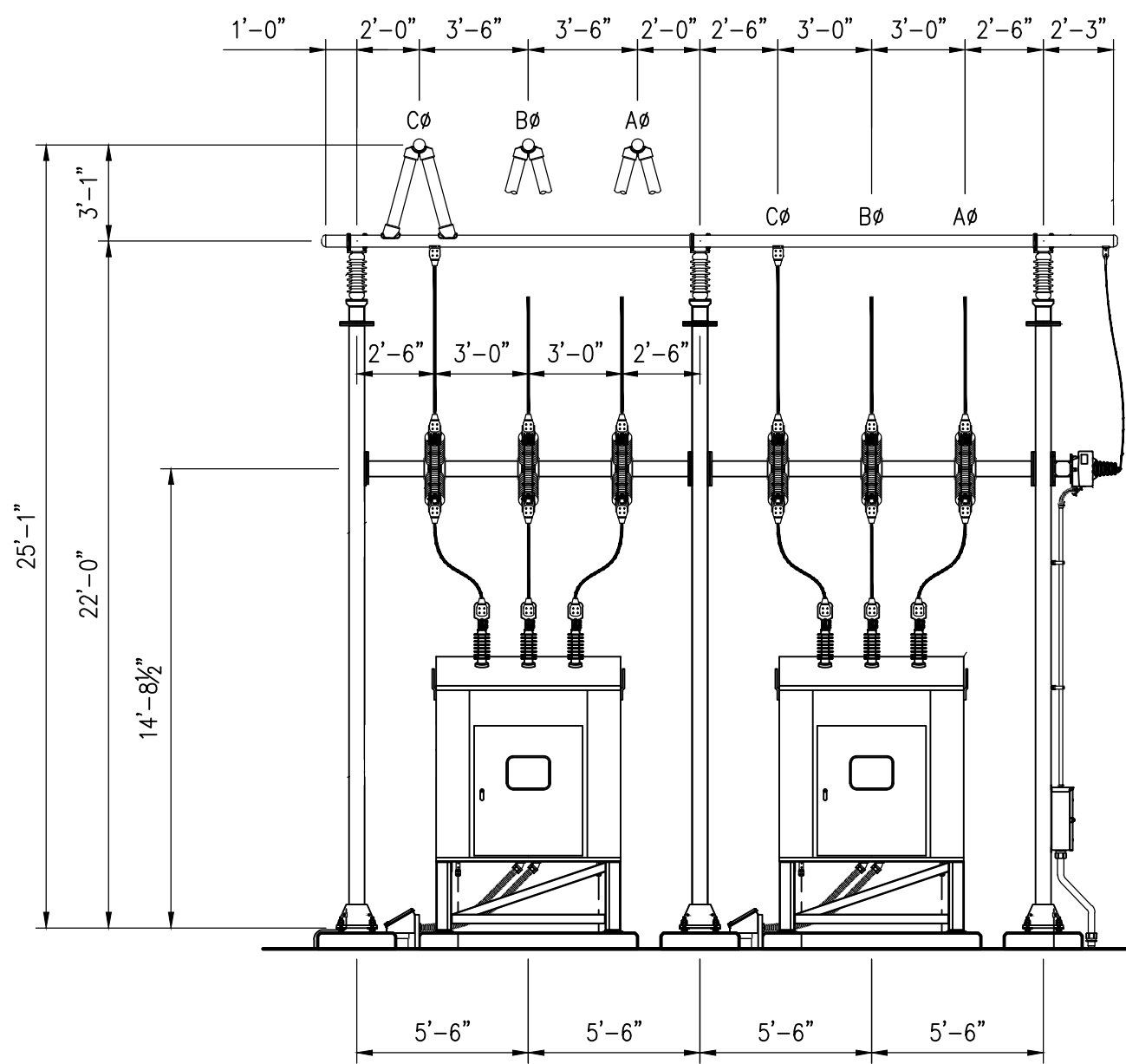
SCE 66 kV
POCO POLE

SCALE: NTS

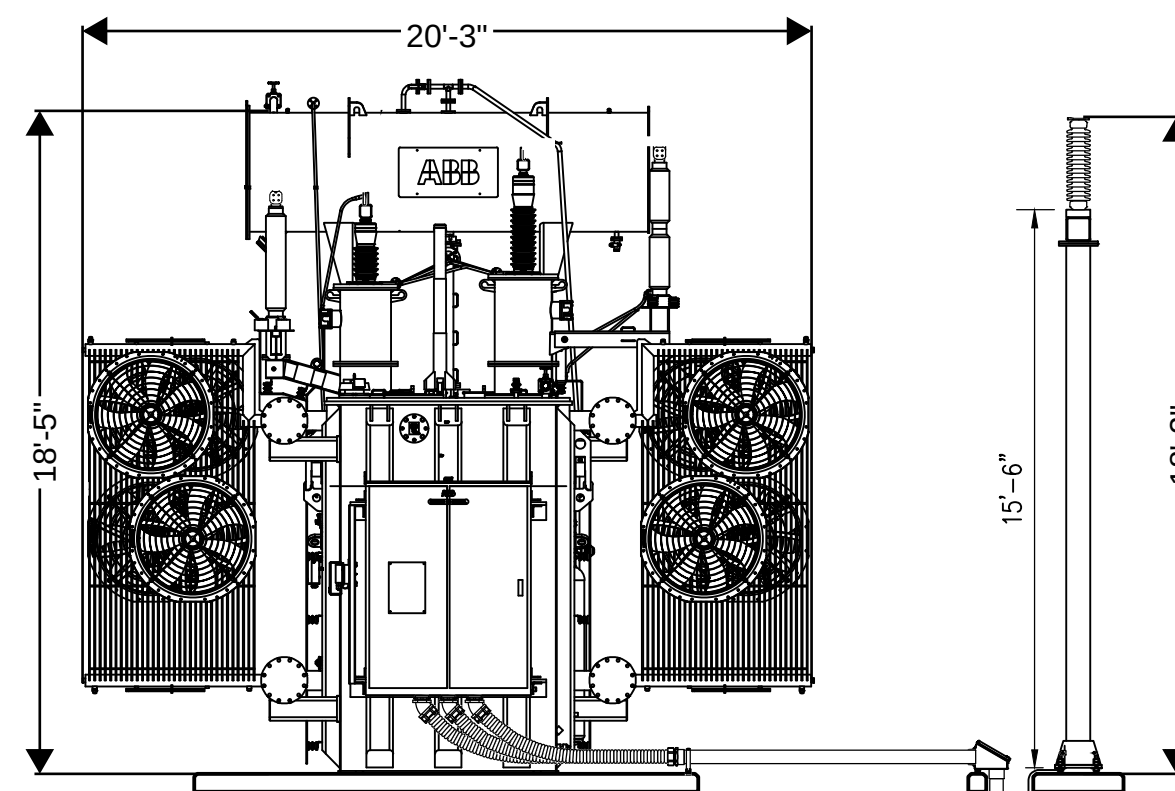
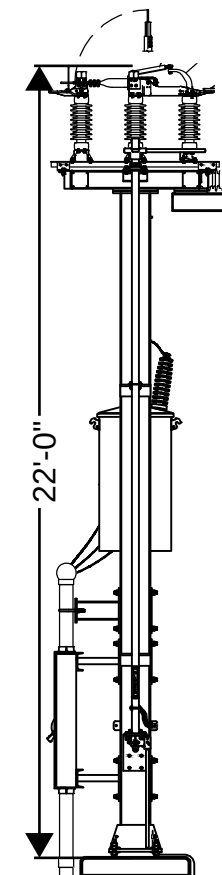


SCE 66 kV
RISER STAND

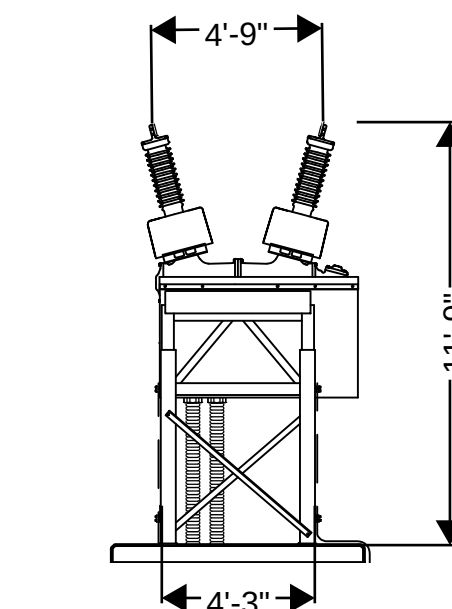
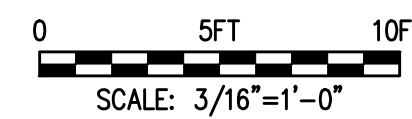
SCE 66 kV LINE
SWITCH STAND



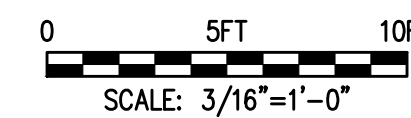
MV COLLECTION
STRUCTURE AND
CIRCUIT BREAKERS



34.5/66 kV MAIN POWER
TRANSFORMER



69 kV CIRCUIT BREAKER



PRELIMINARY NOT
FOR CONSTRUCTION

no.	date	by	ckd	description

no.	date	by	ckd	description

Covina Reliability Project, LLC 101 W. Broadway, Suite 1120 San Diego, CA 92101	
designed	detailed

RWE	
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Covina Reliability Project 522, 534 & 680 Edna Place Covina, CA 91723	
project	contract
drawing	rev.
EQP-2	
sheet 2	of 2 sheets
file	