



2045 HARBOR BLVD. | COSTA MESA, CA - 92627

PLANNING PACKAGE

08-18-2026

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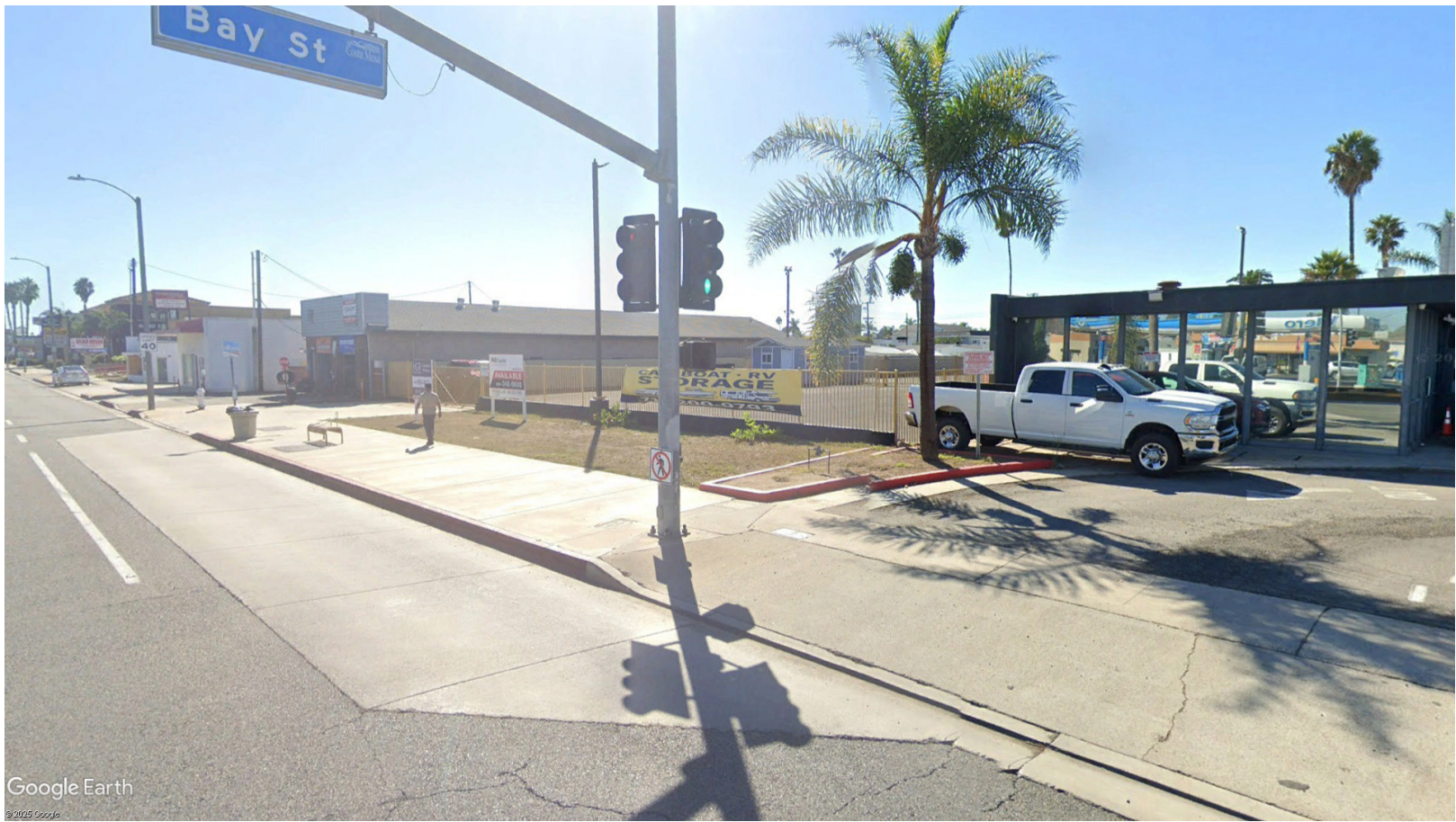
CIVIL

SCHEMATIC GRADING DISTURBANCE EXHIBIT

UTILITY PLAN



1 *EXISTING MURAL TO REMAIN



2



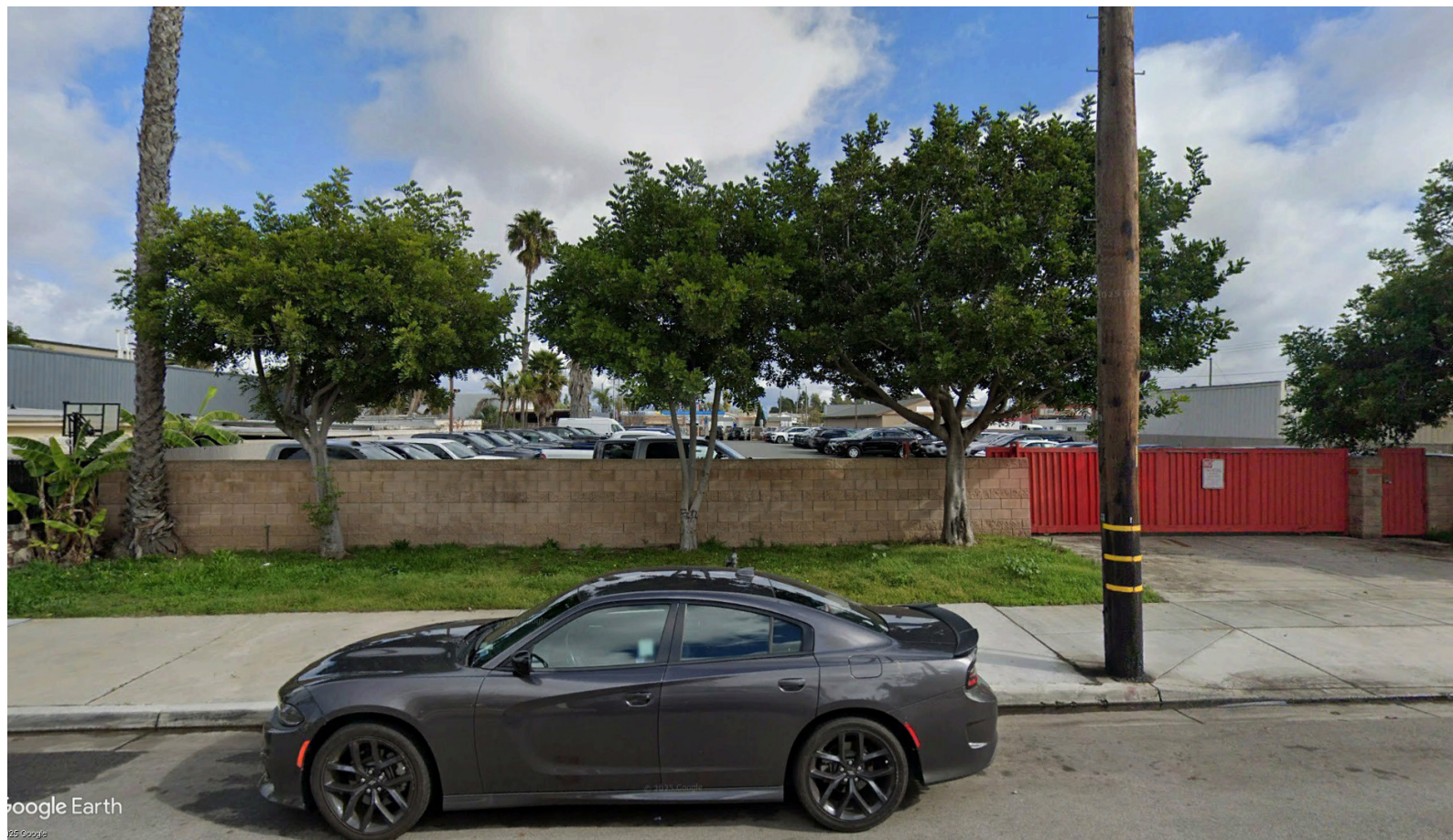
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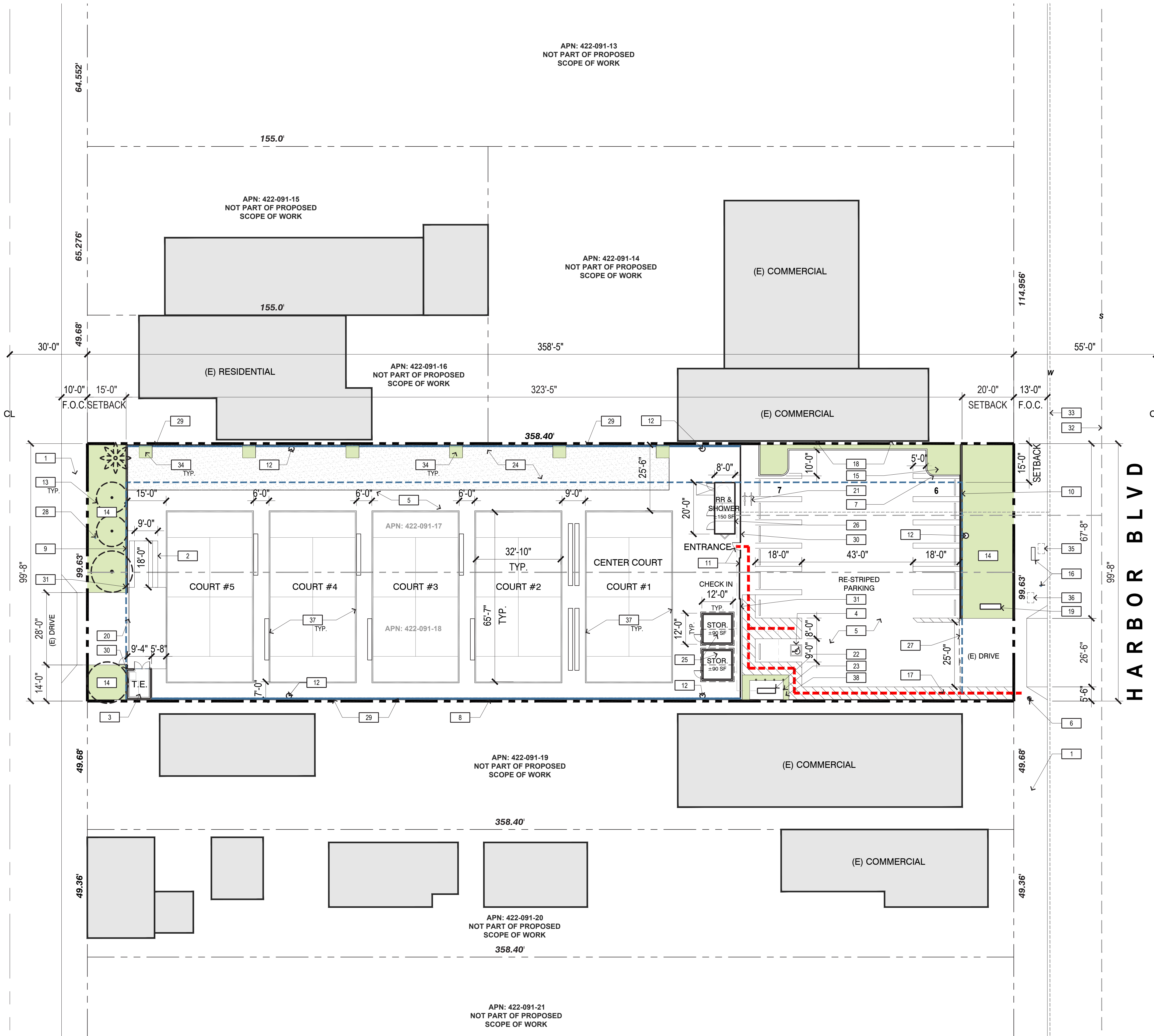
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6



5



VICINITY MAP N.T.S.

SITE SUMMARY		
ADDRESS	2045 HARBOR BLVD., COSTA MESA, CA 92627	
ZONING	C2-GENERAL BUSINESS DISTRICT W/ (HARBOR MIXED USE OVERLAY)	
HOURS OF OPERATION	7:00 AM - 11:00 PM	
ASSESSOR PARCEL NO.	422-091-17, 422-091-18	
PROPOSED USE	COMMERCIAL RECREATION	
OCCUPANCY	M - MERCANTILE	
SITE GROSS AREA	±35,861 SF / ± 0.82 AC	
SETBACKS:	REQUIRED	PROVIDED
FRONT	20'-0"	*
REAR	15'-0"	*
SIDE	15'-0" / 0'-0"	15'-0" (NORTH) / 0'-0" (SOUTH)
BUILDING AREAS:		
STORAGE SHED (E)	±90 SF	
STORAGE SHED (E)	±90 SF	
RESTROOM BUILDING (N)	±150 SF	
BICYCLE PARKING		
	REQUIRED	PROVIDED
	-	2
VEHICLE PARKING (LOCATED IN AB2097 AREA) (PER CMMC § 13-85 AND CMMC § 13-89)		
	REQUIRED	PROVIDED
STANDARD 9' x 18'	NONE REQUIRED PER TRANSIT ZONE	13
ADA (1 VAN)		1
TOTAL	0 SPACES	14 SPACES

KEY NOTES:

- 1

EXISTING SIDEWALK
- 2

EMPLOYEE PARKING
- 3

TRASH ENCLOSURE PER CITY STANDARDS
- 4

ACCESSIBLE PARKING, SIGNAGE AND STRIPING PER CITY STANDARDS
- 5

EXISTING ASPHALT PAVING *ENTIRE SITE
- 6

EXISTING FIRE HYDRANT
- 7

NEW 6" CURB
- 8

EXISTING 6" CURB
- 9

EXISTING 6" MASONRY WALL TO REMAIN
- 10

EXISTING 2" MASONRY WALL W/ STEEL FENCE TO REMAIN
- 11

EXISTING STEEL FENCE W/ 3' MAN GATE AND 16' ROLLING ELECTRIC GATE
- 12

EXISTING 25' FLOOD LIGHTING
- 13

EXISTING MATURE TREES TO REMAIN
- 14

EXISTING LANDSCAPING TO REMAIN
- 15

NEW LANDSCAPING (SEE LANDSCAPING PLAN)
- 16

EXISTING BUS STOP SIGN AND BENCH
- 17

ACCESSIBLE PATH OF TRAVEL
- 18

EXISTING WALL MURAL TO REMAIN
- 19

NEW MONUMENT SIGN (UNDER SEPARATE PERMIT)
- 20

EXISTING 6" ELECTRIC STEEL GATE W/ DOOR

21

BICYCLE PARKING

22

EXISTING ELECTRICAL BOX CONNECTIONS TO BE COORDINATED WITH CIVIL & ELECTRICAL

23

NEW BOLLARDS

24

NEW ARTIFICIAL TURF

25

EXISTING STORAGE SHED TO BE RELOCATED

26

PREFAB BATHROOM W/ CONNECTIONS TO PLUMBING & ELECTRICAL SERVICE

27

STEEL GATE TO BE REMOVED

28

EXISTING BLACKFLOW PREVENTER

29

ADDED 6' NOISE-REDUCING FENCE

30

NEW KNOX BOX LOCATION

31

NEW KNOX SWITCH LOCATION

32

EXISTING SEWER LINE CONNECTIONS TO BE COORDINATED WITH CIVIL

33

EXISTING WATER LINE CONNECTIONS TO BE COORDINATED WITH CIVIL

34

IN-GROUND TREES (SEE LANDSCAPING PLAN)

35

EXISTING EDISON VAULT

36

EXISTING VAULT

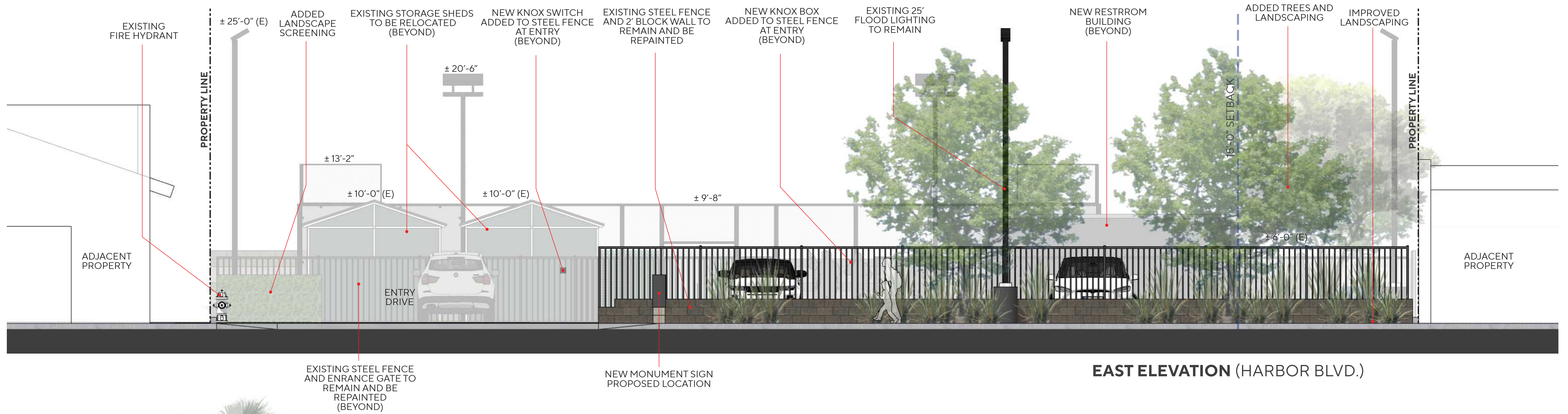
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PADEL COURT PERIMETER FENCING

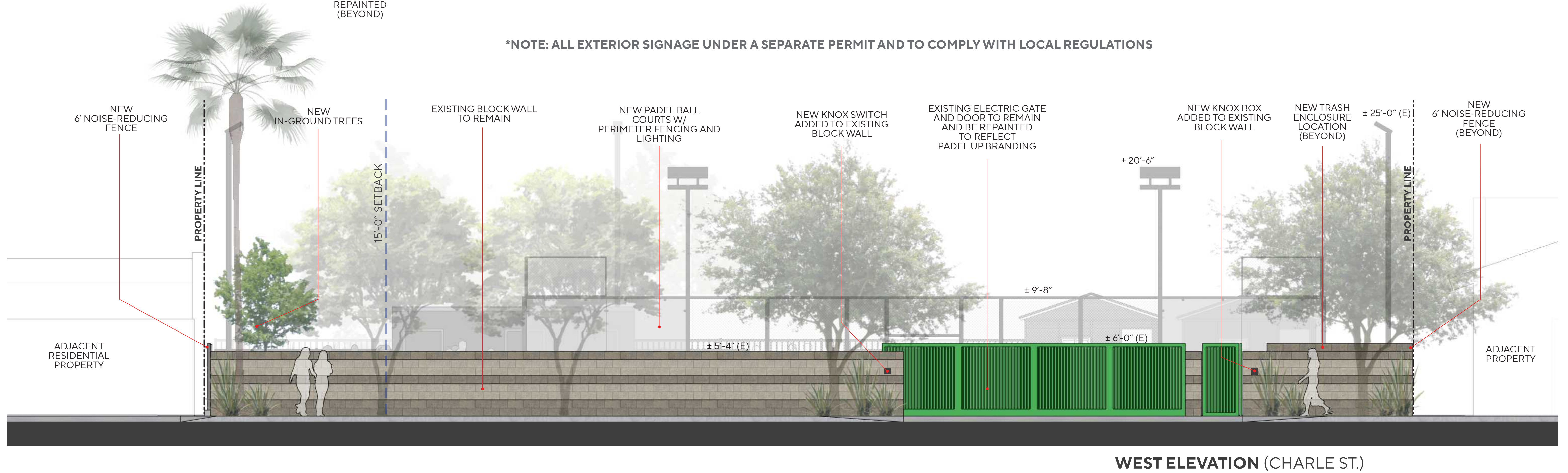
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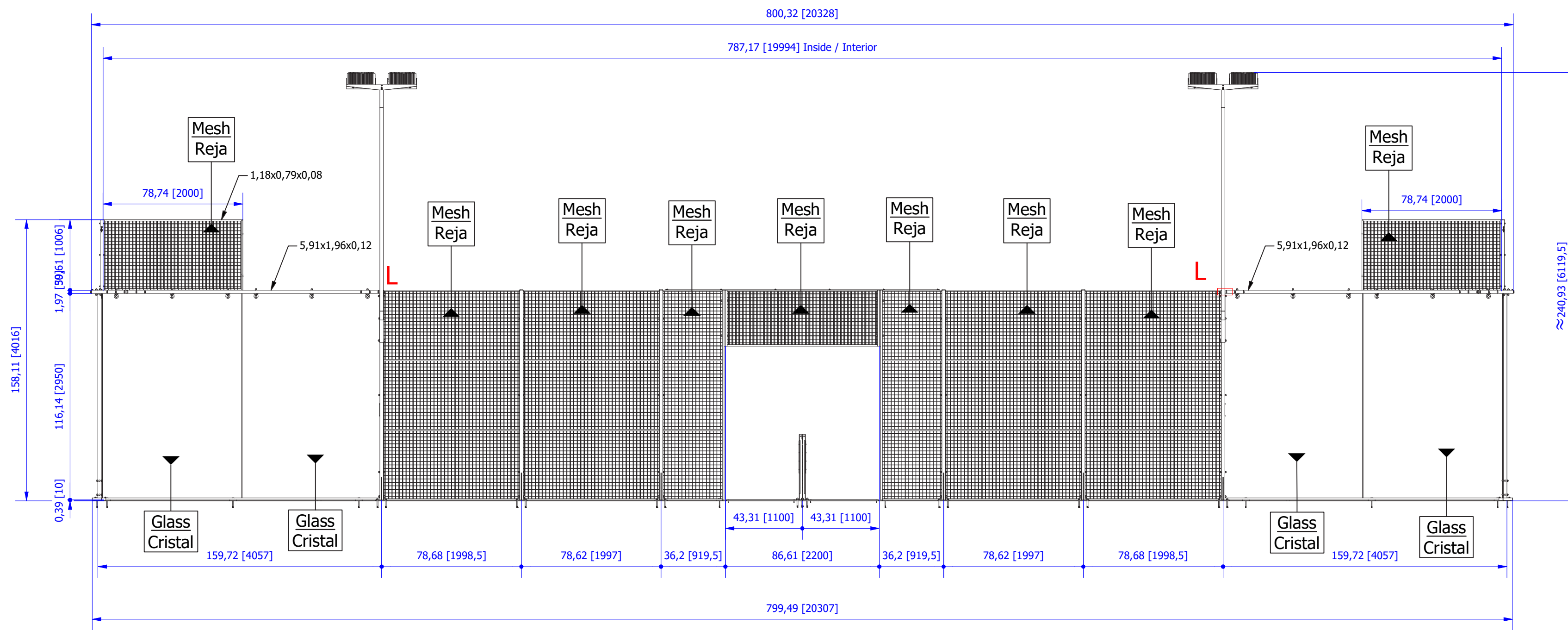
LANDSCAPE SCREENING

*ALL DRIVEWAYS AND SIDEWALKS ARE COMPLIANT WITH CITY STANDARDS AND ADA.
*ALL UTILITIES TO BE UNDER GROUND AND LOCATED OUTSIDE OF SETBACKS.

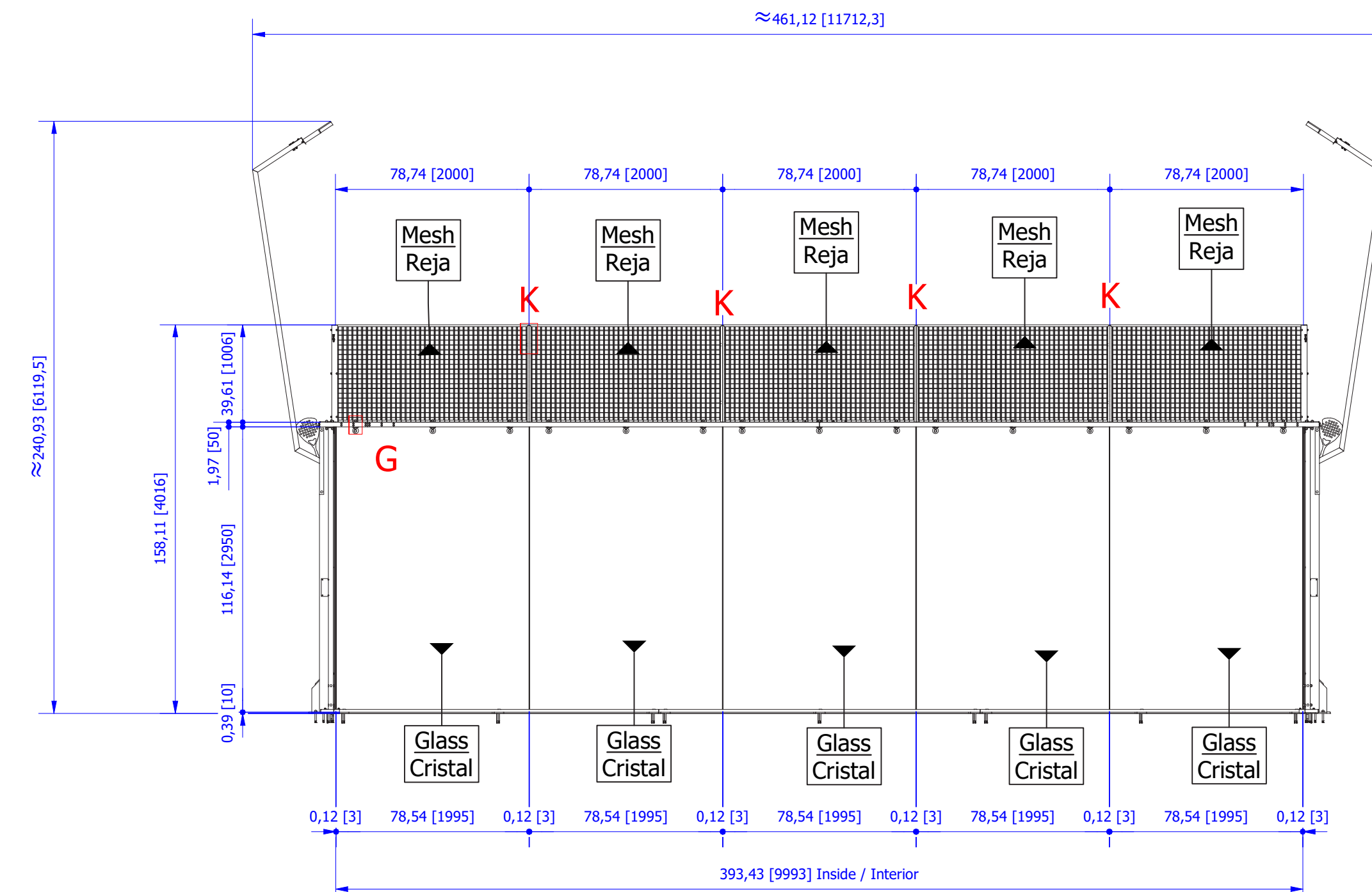


***NOTE: ALL EXTERIOR SIGNAGE UNDER A SEPARATE PERMIT AND TO COMPLY WITH LOCAL REGULATIONS**

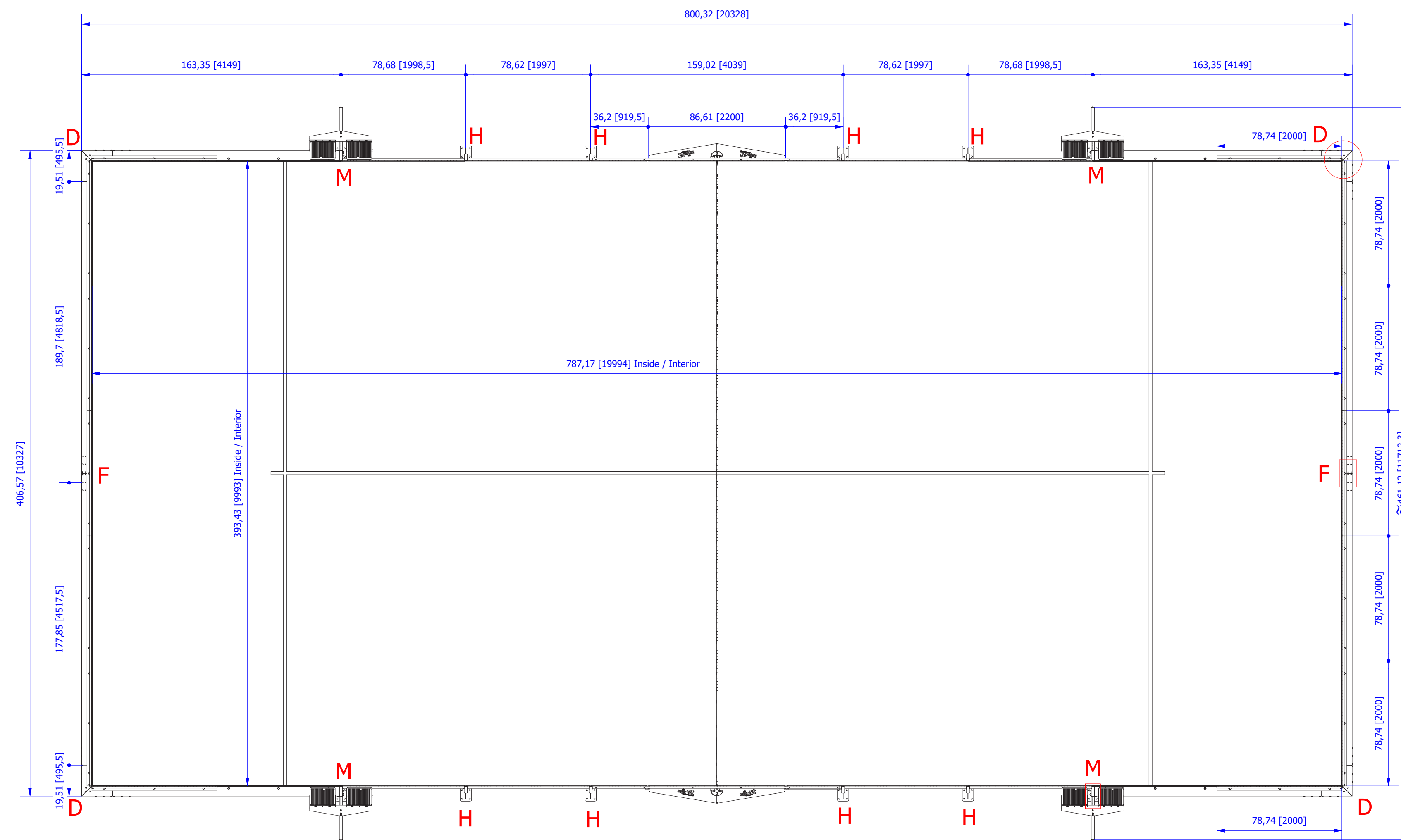




**ELEVATION
(EAST/WEST)**

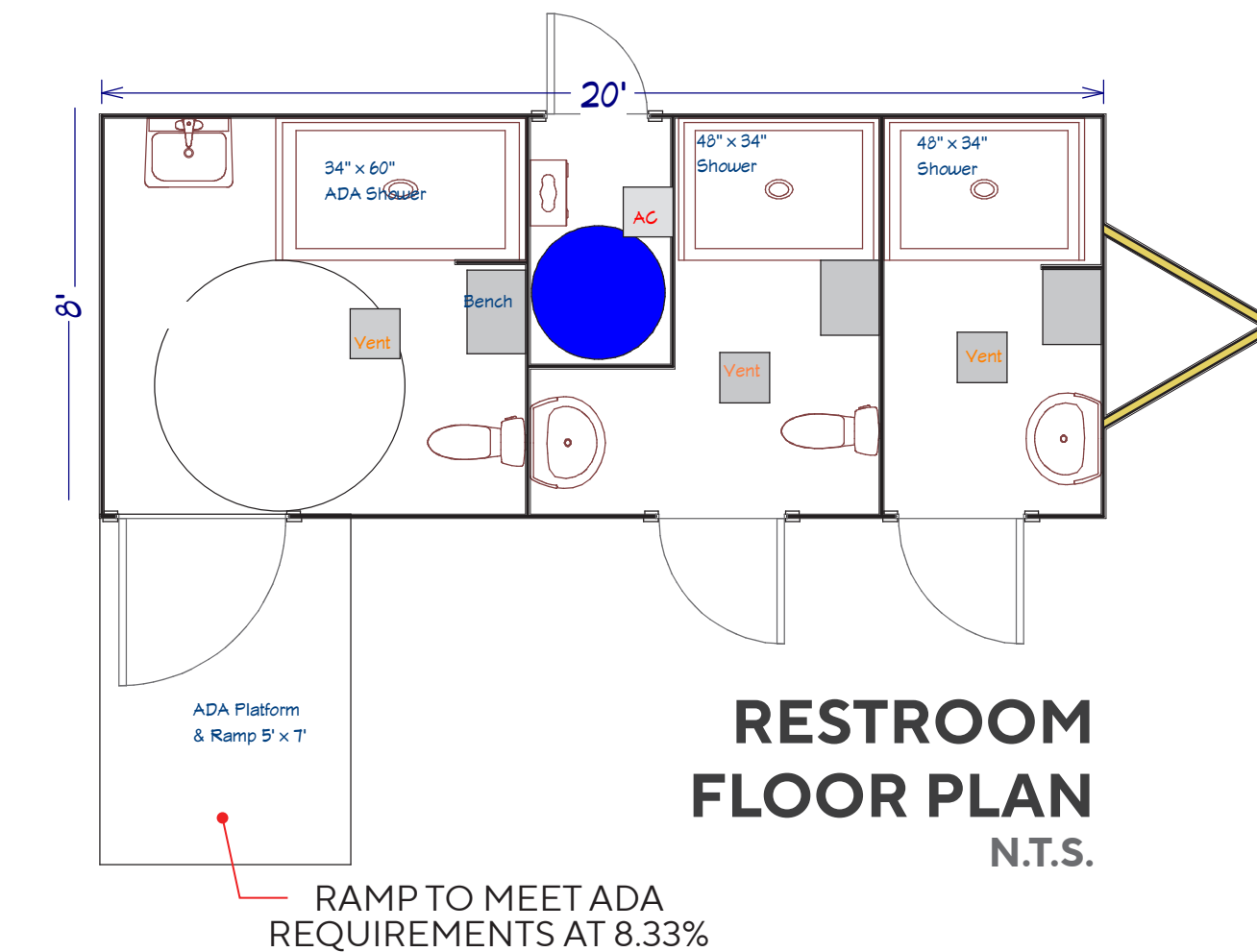


**ELEVATION
(NORTH/SOUTH)**



COURT PLAN

ECT ADA+ 2- Stall 1-restroom Shower Lowering Trailer 20' x 8'
230-Gallon Fresh Water Tank | 475-Gallon Holding Tank

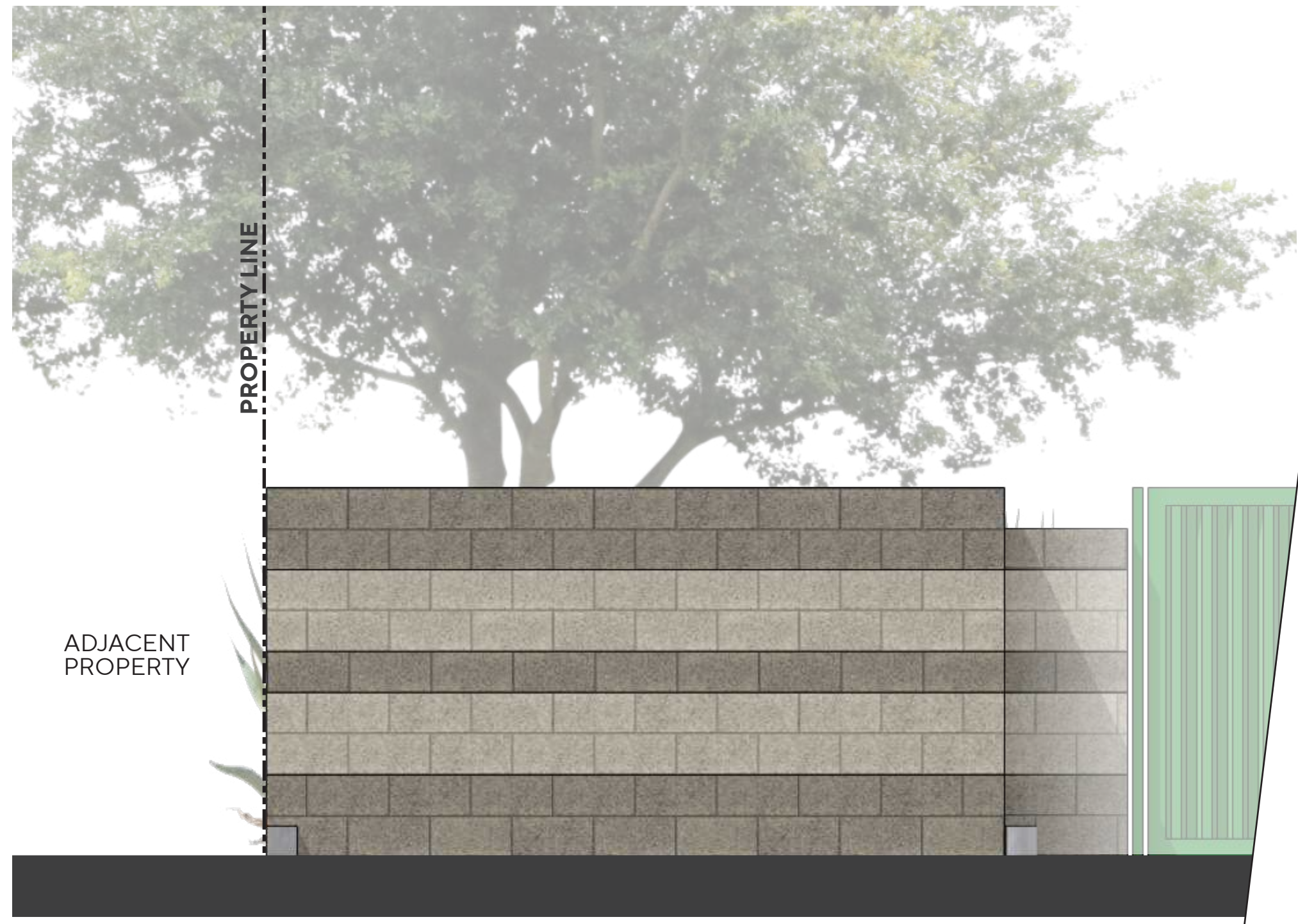


BATHROOM AND SHOWER UNIT SHALL BE SECURE IN PLACE WITH FOUNDATION.FLOOR-OUTLET OR FLOOR-MOUNTED FIXTURES SHALL BE RIGIDLY SECURED TO THE DRAINAGE CONNECTION AND TO THE FLOOR BY SCREWS OR BOLTS OF COPPER, COPPER ALLOY, OR OTHER EQUALLY CORROSION-RESISTANT MATERIAL.

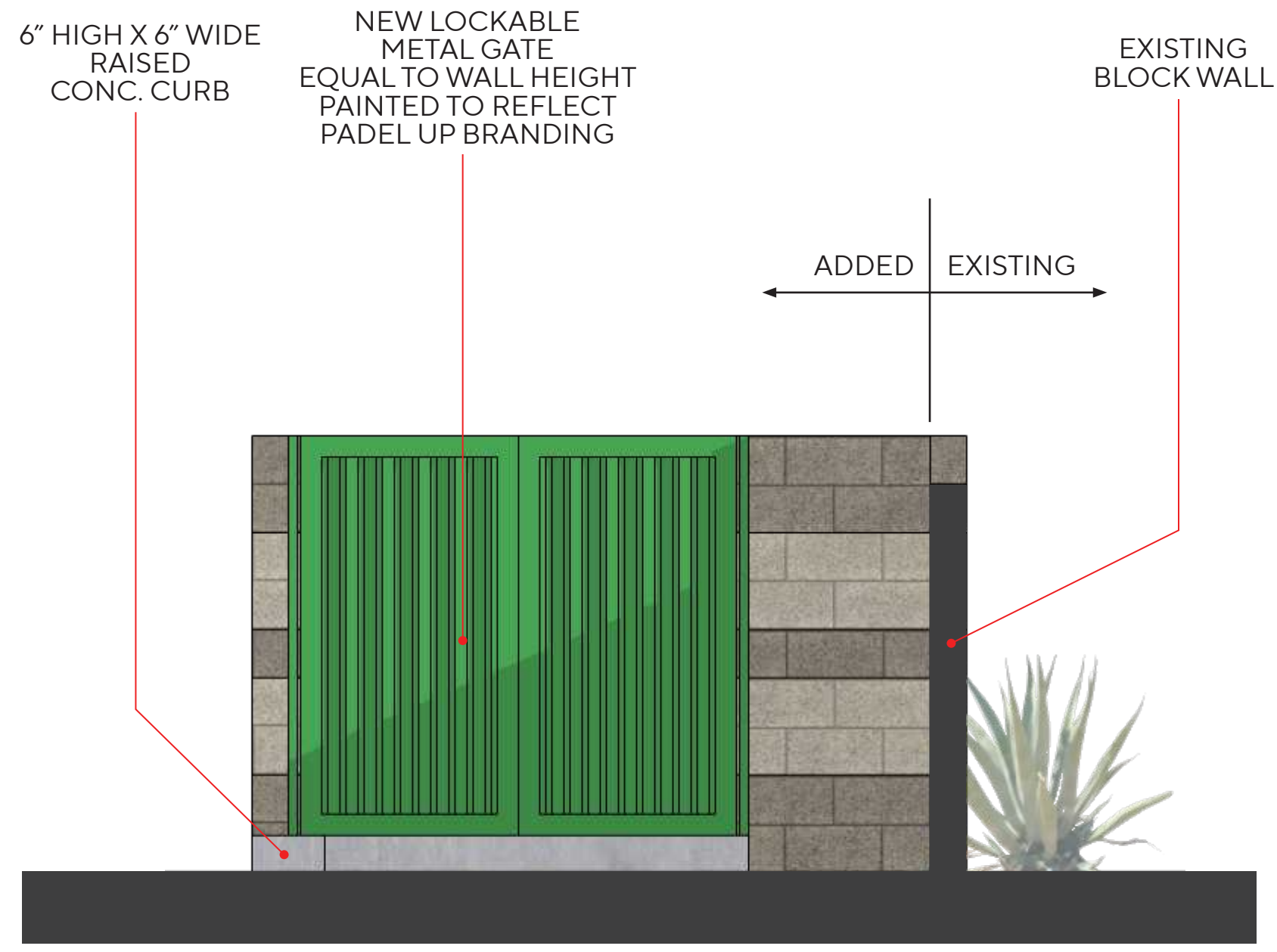


**6' NOISE-REDUCING FENCE
(@ NORTH & SOUTH PROPERTY LINES)**

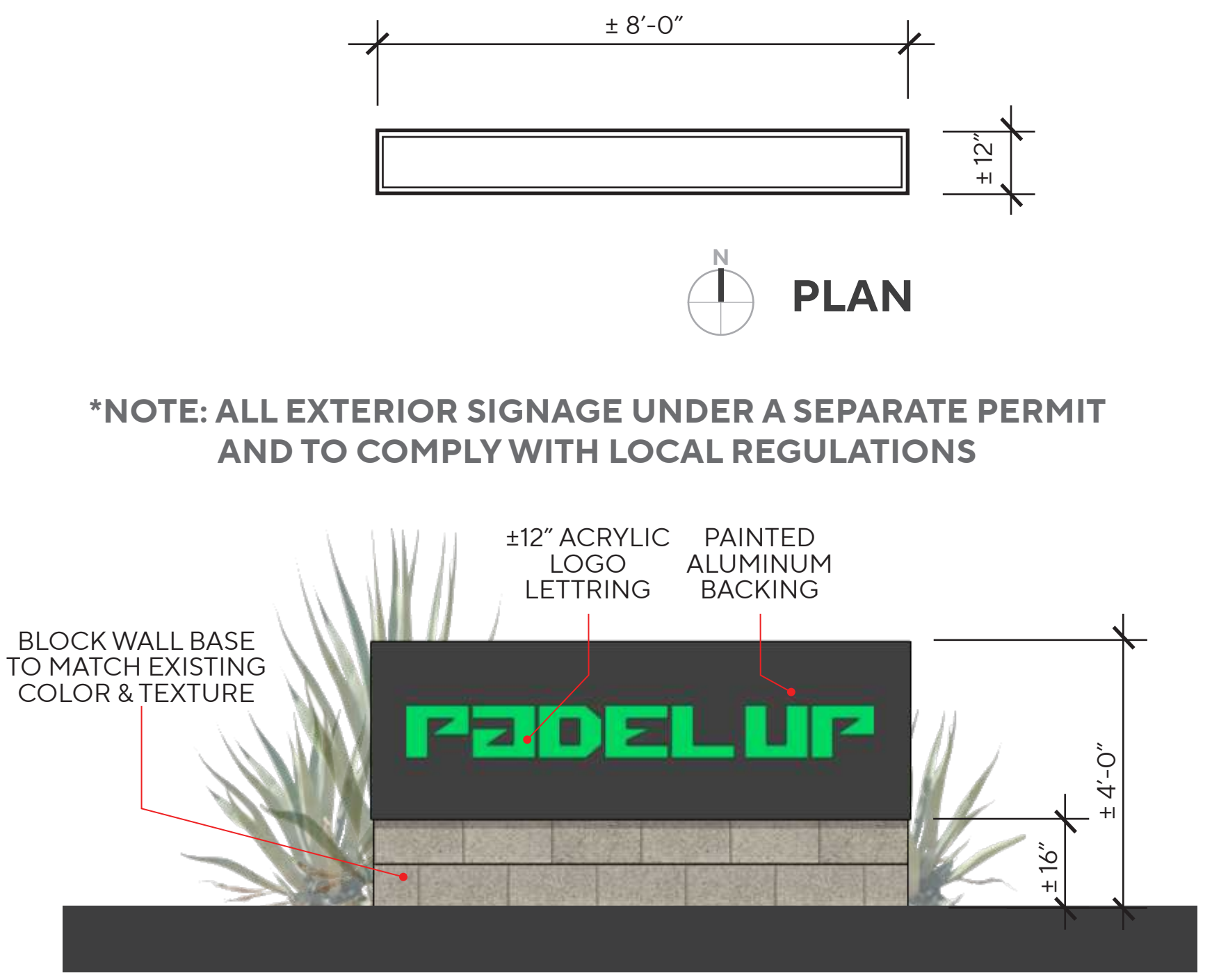
*IMAGERY FOR REFERENCE ONLY



EAST ELEVATION

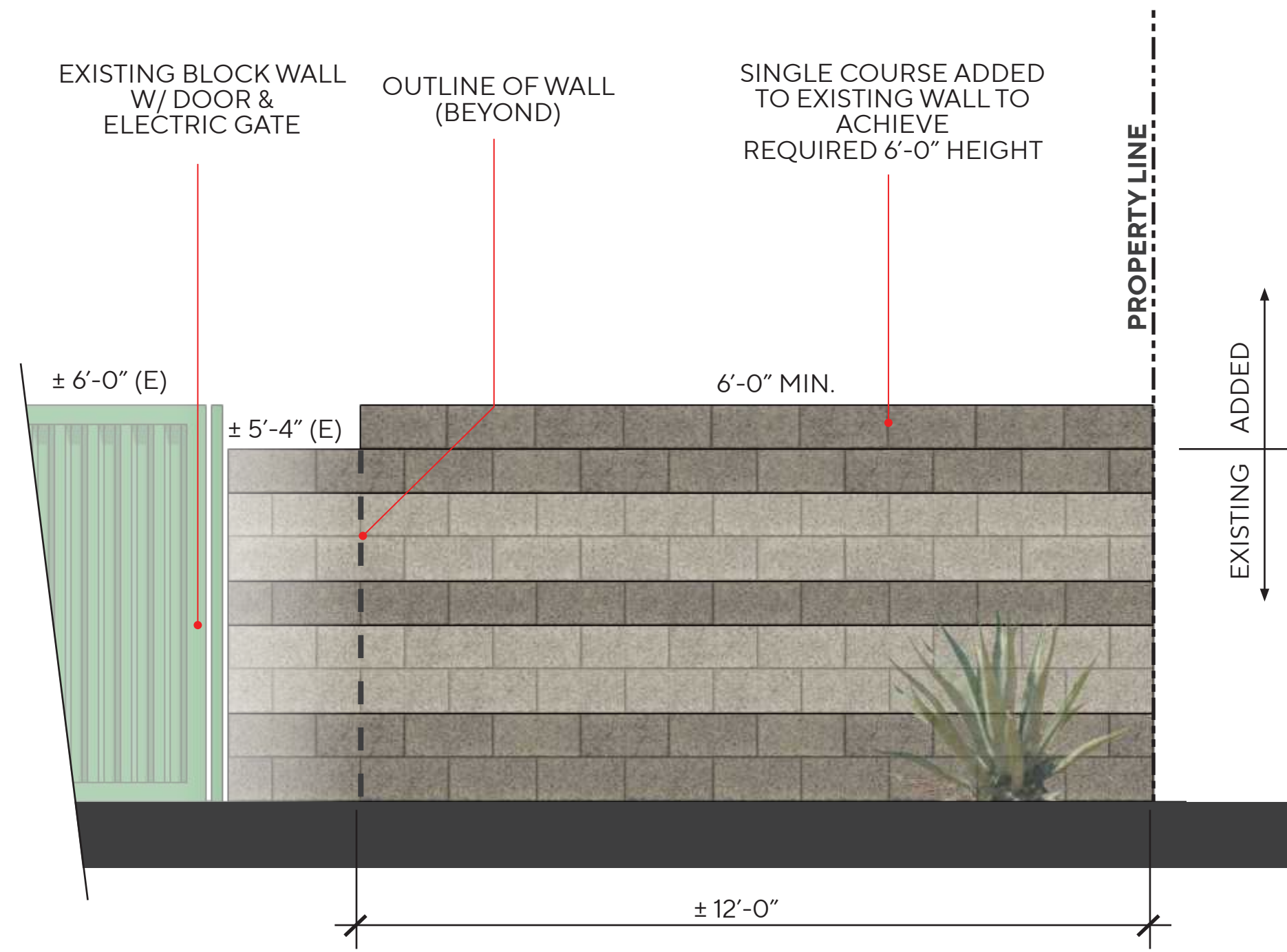


NORTH ELEVATION

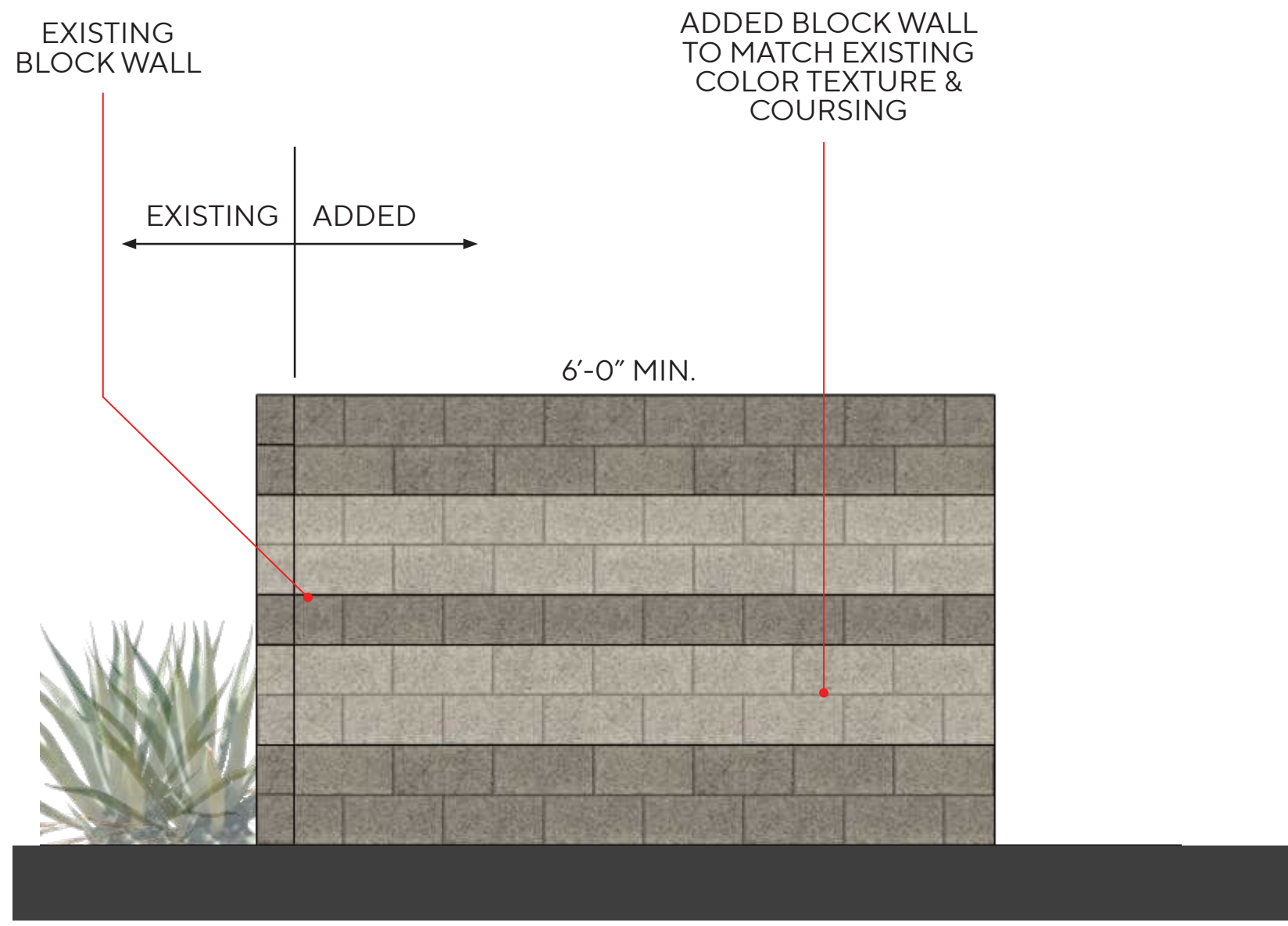


ELEVATION

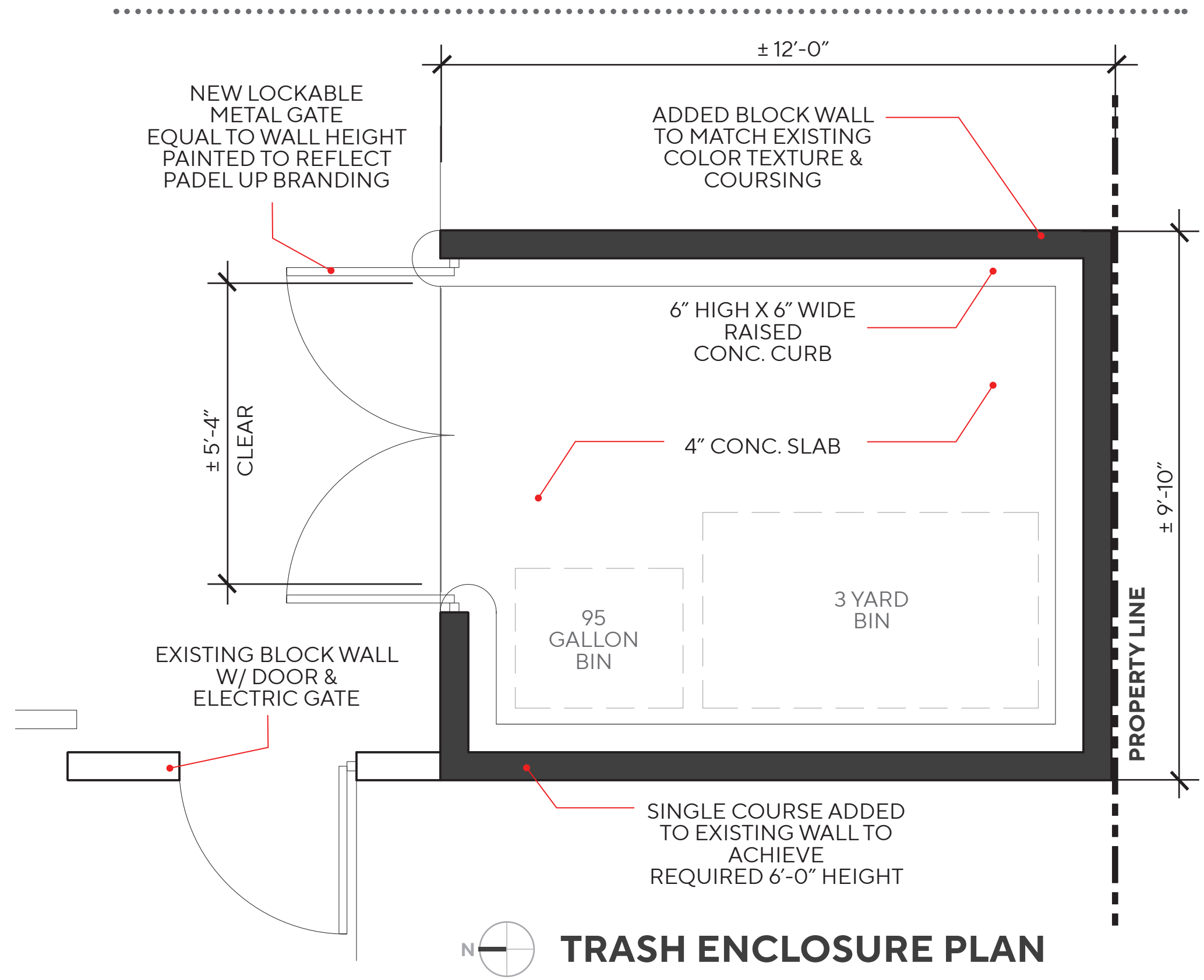
CONCEPTUAL MONUMENT SIGN



WEST ELEVATION
(CHARLE ST.)



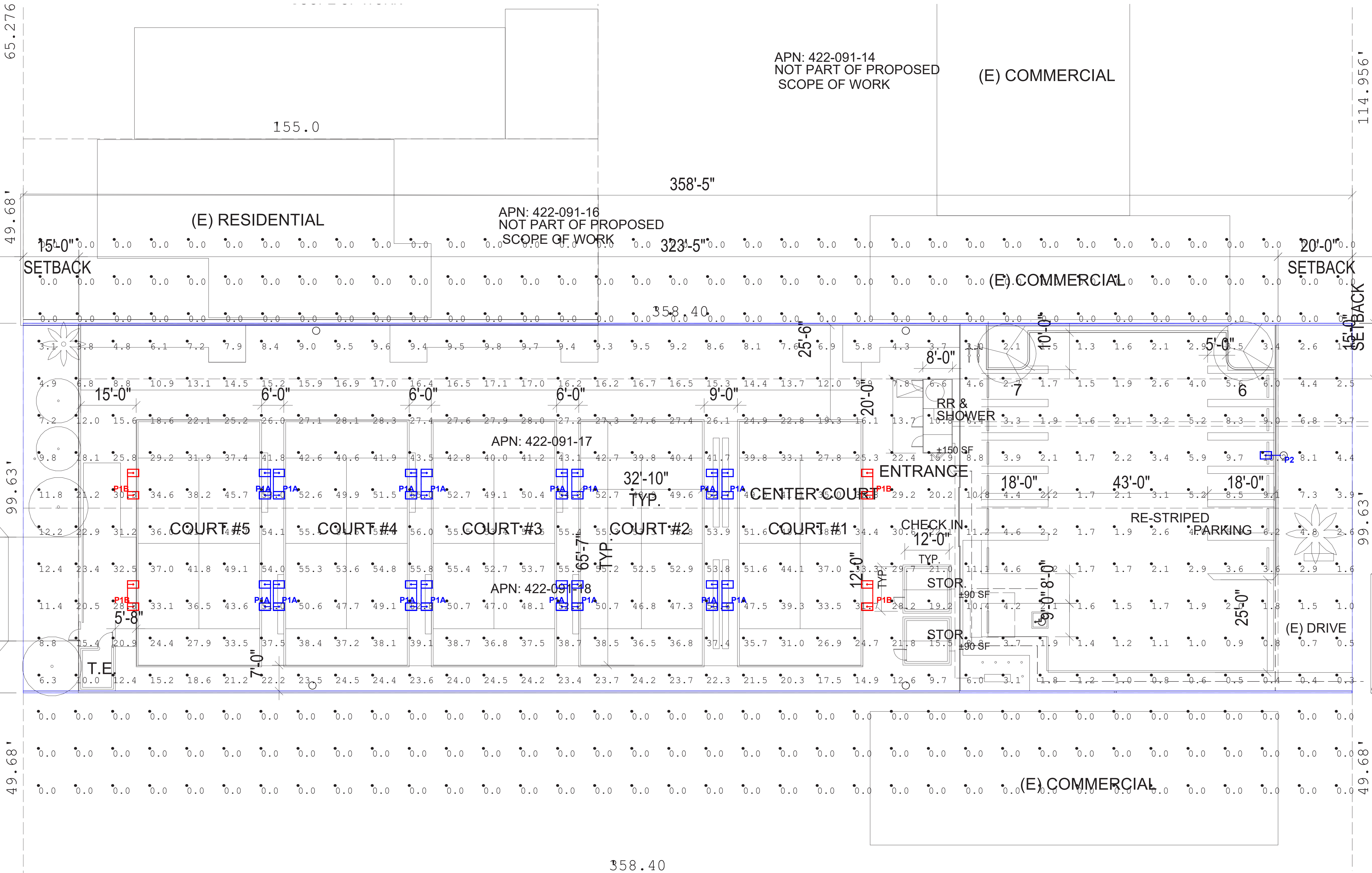
SOUTH ELEVATION



TRASH ENCLOSURE PLAN

CHARLE ST

HARBOR BLVD



Luminaire Schedule						
SYMBOL	QTY	TYPE	SUPPLIER	PART NUMBER	DESCRIPTION	FIXTURE WATTS
	16	P1A	CED AUTOMOTIVE	AST1-U-X-B-21-5-40	COURT LIGHT - POLE MOUNTED AT 20FT AFG - ZERO TILT	157
	4	P1B	CED AUTOMOTIVE	AST1-U-X-B-26-5-40	COURT LIGHT - POLE MOUNTED AT 20FT AFG - ZERO TILT	187
	1	P2	CED AUTOMOTIVE	AST1-U-X-B-26-3-40	PARKING LOT LIGHT - POLE MOUNTED AT 25FT AFG - ZERO TILT	187

Calculation Summary								
Project: CALCULATIONS								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
GENERAL COURT AREA	Illuminance	Fc	31.73	56.0	3.7	8.58	15.14	
PARKING LOT	Illuminance	Fc	3.27	10.2	0.8	4.09	12.75	
PLAYING COURT AREA	Illuminance	Fc	44.40	56.0	24.4	1.82	2.30	
RESIDENTIAL PROPERTY	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.	



PADEL UP - COSTA MESA
2045 HARBOR BLVD | COSTA MESA, CA - 92627

PHOTOMETRIC PLAN
N.T.S.



A-06

Job No.
Date
2025-0971
2026-08-18



STEALTH™

Stealth™ Area Lights—energy-efficient, long-lasting (50,000 hours), and low-maintenance. Designed with a sleek, modern look, these lights deliver brilliant, uniform illumination.

- Quick one-person install
- 3-pin receptacle for optional D2D sensor
- Optional motion sensor accessories

APPLICATION

Ideal for commercial and industrial use, these fixtures excel in parking areas, parks, dealerships, roadways, airports, and perimeter lighting—delivering reliable, efficient illumination.



Round of Flat Pole

Slip Fitter

Trunion



Glare Shield

Project _____ Date _____
Catalog # _____ Quantity _____ Type _____

PRODUCT INFORMATION

ELECTRICAL	
Wattages	60W / 80W / 100W / 150W 185W / 240W / 300W
Voltage	100-277V
Surge Protection	Built-In
Power Factor	0.9

OPTICAL

Efficiency (LPW)	Up to 150
CCT	3000K / 4000K / 5000K
CRI	73
Light Distribution Types	III / IV / V / 60° Narrow
Dimming	0-10V, 10% to 100%

ENVIRONMENT

Operating Temperature	-22° – 122°F
Suitable Location	Wet
IP Rating	IP65
Impact Rating	IK08

CONSTRUCTION

LED Chip	Lumiled
Driver	See page 3
Housing	Heavy Duty Aluminum
Lens	PC
Base / Power Supply	Hard Wired
Finish	Dark Bronze, White or Custom Color

WARRANTY (Complete terms can be found on our website.)

Standard	5-year
Optional	10-year

LISTINGS

Model Number	See page 3
Primary Use Designation	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires



Visit www.designlights.org/pql to confirm qualification.

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ASTI

ORDERING

AST1	U	FINISH	CHASSIS	OUTPUT	OPTICS	CCT
SERIES	VOLTAGE					
AST1 Stealth™ Area Light	U 100-277V	B Bronze W White C Custom color code provided on item number later!	A Low B Med C High	08 60W / 8700LM 11 80W / 11600LM 14 100W / 14500LM 21 185W / 27750LM 26 185W / 26825LM 34 240W / 34800LM 43 300W / 43500LM	3 Type III 4 Type IV 5 Type V N 60° Narrow	30 3000K 40 4000K 50 5000K

Consult with sales representative for MOQ and lead time on custom finishes.

ACCESSORIES

CODE	DESCRIPTION	CASE
AST-PM-B	ADAPTER TO MOUNT ON ROUND OR FLAT POLE FOR STEALTH™/DK BRZ	10
83954	ADAPTER TO MOUNT ON ROUND OR FLAT POLE FOR STEALTH™/WHT	10
AST-SF-B	SLIP FITTER FOR STEALTH™/DK BRZ	10
83953	SLIP FITTER FOR STEALTH™/WHT	10
AST-TR-B	TRUNNION MOUNT BRACKET FOR STEALTH™/DK BRZ	10
83951	TRUNNION MOUNT BRACKET FOR STEALTH™/WHT	10
AST-SFA-B	ADAPTER TO MOUNT A SLIP FITTER ON A FLAT POLE OR WALL/DK BRZ	20
AST-GS-AB	GLARE SHIELD FOR LED STEALTH™ 60W TO 185W/DK BRZ	10
AST-GS-C	GLARE SHIELD FOR LED STEALTH™ 240W TO 300W/DK BRZ	10
54892	PIR BI-LEVEL & DAYLIGHT SENSOR 30FT DIA, UP TO 40FT HEIGHT •120-277V	100
83963	PHOTO CONTROL/120-277V	100

REPLACEMENT PARTS

JL208	SHORTING CAP FOR LED STEALTH™ FIXTURE	1
SS-120NH-E260BH	DRIVER FOR CHASSIS A • 100-277V	1
SS-200NH-E260BH	DRIVER FOR CHASSIS B • 100-277V	1
SS-320NH-E260BH	DRIVER FOR CHASSIS C • 100-277V	1

PACKAGING

Master Case	60W	80W	100W	150W	185W	240W	300W
Quantity				1			
Size (LxWxH)			18.5" x 13.8" x 6.5"			24.9" x 13.8" x 7.3"	
Gross Weight (Lbs)		10.4		11.7		18.4	

COO: China • Tariff: 9405.10.00

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AST1

PERFORMANCE DATA

WATTAGE	CURRENT		THD	EFFECTIVE PROJECTED AREA	WIND SHEER RATING	DRIVER	MODEL NUMBER
	120V	277V					
60W	0.50A	0.21A	18	0.23ft²	118.6 mph	SS-120NH-E260BH	AST1-U-[BWC]-I-[60W]-[3.4.5.N]-K
80W	0.66A	0.28A	14				AST1-U-[BWC]-I-[80W]-[3.4.5.N]-K
100W	0.83A	0.36A	11				AST1-U-[BWC]-I-[100W]-[3.4.5.N]-K
150W	1.25A	0.54A	9			SS-200NH-E260BH	AST1-U-[BWC]-I-B-[150W]-[3.4.5.N]-K
185W	1.54A	0.66A	14				AST1-U-[BWC]-I-B-[185W]-[3.4.5.N]-K
240W	2.00A	0.86A	11	0.42ft²		SS-320NH-E260BH	AST1-U-[BWC]-C-[240W]-[3.4.5.N]-K
300W	2.50A	1.08A	8				AST1-U-[BWC]-C-[300W]-[3.4.5.N]-K

LUMEN CHART

WATTAGE	Lumens	TYPE III		TYPE IV		TYPE V		60° NARROW	
		LPW	BUG Rating	Lumens	LPW	BUG Rating	Lumens	LPW	BUG Rating
60W	8710	146	B2 - U2 - G2	8844	148	B2 - U2 - G2	8982	150	B3 - U2 - G2
80W	11581	145	B3 - U2 - G3	11744	147	B3 - U2 - G2	11914	149	B3 - U2 - G2
100W	14192	143	B3 - U2 - G3	14429	145	B3 - U2 - G3	14655	147	B3 - U2 - G3
150W	21005	141	B3 - U2 - G3	21375	143	B3 - U2 - G3	21793	146	B4 - U2 - G3
185W	26838	146	B4 - U3 - G4	27241	148	B4 - U3 - G3	27651	150	B4 - U3 - G3
240W	34247	143	B4 - U3 - G4	34725	145	B4 - U3 - G4	35294	148	B5 - U3 - G4
300W	41961	141	B5 - U3 - G4	42487	142	B4 - U3 - G4	43399	145	B5 - U3 - G5

LUMEN CHART W/GLARE SHIELD

WATTAGE	Lumens	TYPE III		TYPE IV		60° NARROW	
		LPW	BUG Rating	Lumens	LPW	BUG Rating	Lumens
60W	6480	108	B2 - U0 - G2	6900	115	B2 - U0 - G2	7140
80W	8980	107	B3 - U0 - G3	9176	114	B2 - U0 - G2	9360
100W	10500	105	B3 - U0 - G3	11200	112	B3 - U0 - G2	11500
150W	13350	89	B3 - U0 - G3	16500	110	B3 - U0 - G2	17100
185W	17100	94	B4 - U0 - G3	20165	109	B3 - U0 - G3	21500
240W	22320	93	B4 - U0 - G4	25920	108	B3 - U0 - G3	27840
300W	28340	92	B4 - U0 - G4	32100	107	B4 - U0 - G3	34200

IES photometrics with glare shield indicate fixtures at 3000K setting could achieve requirements for dark skies.

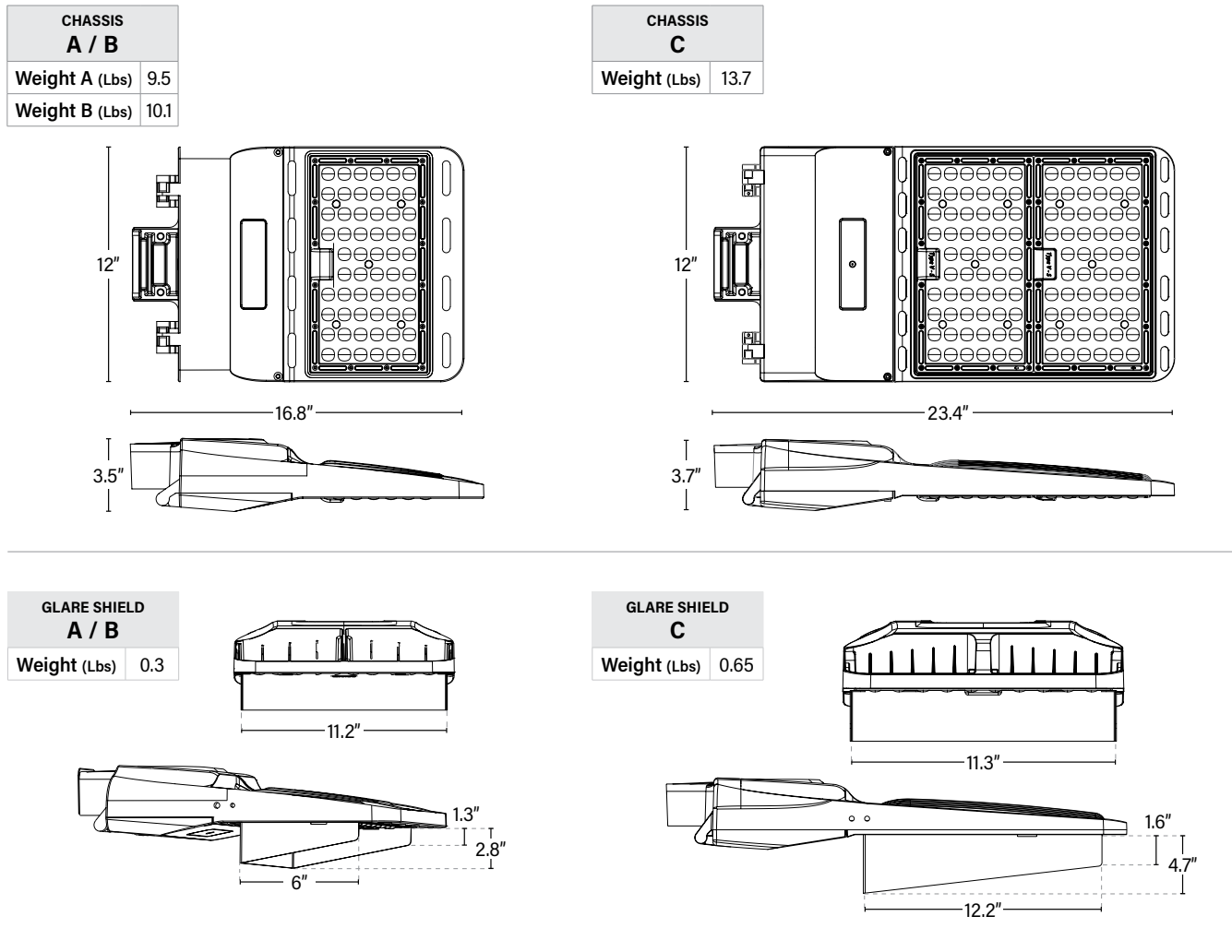
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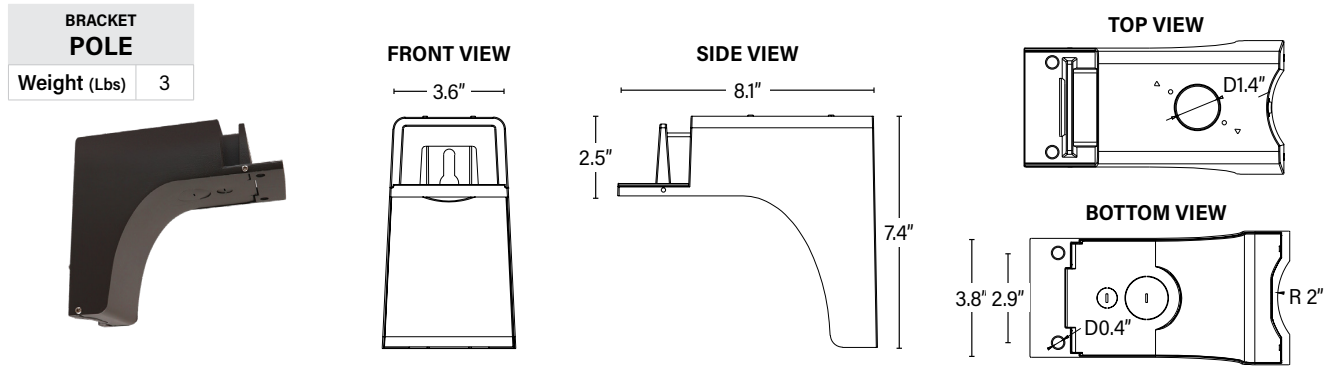
ASTI



DIMENSIONS (D = Diameter)



MOUNTING OPTIONS (D = Diameter)



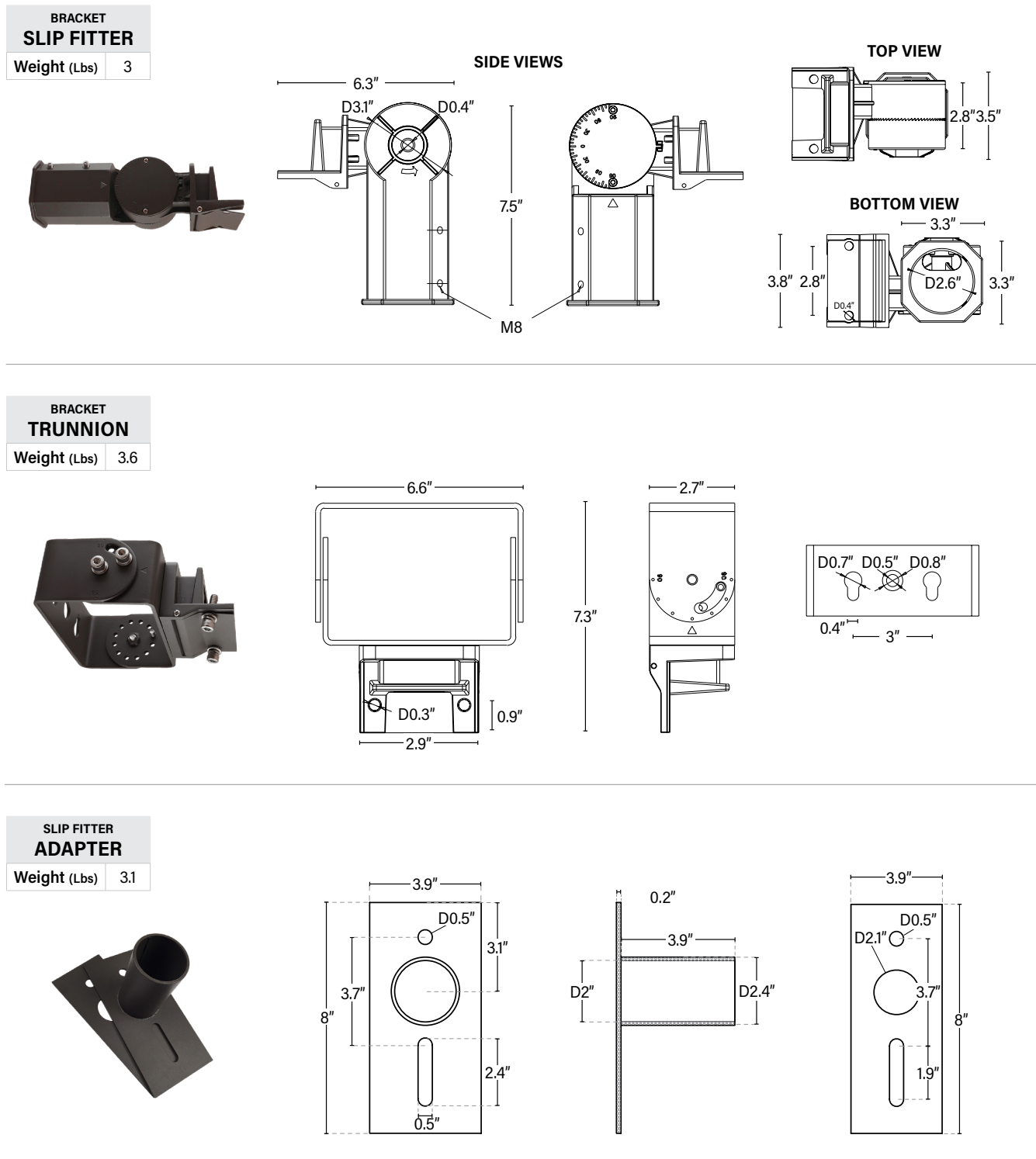
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AST1

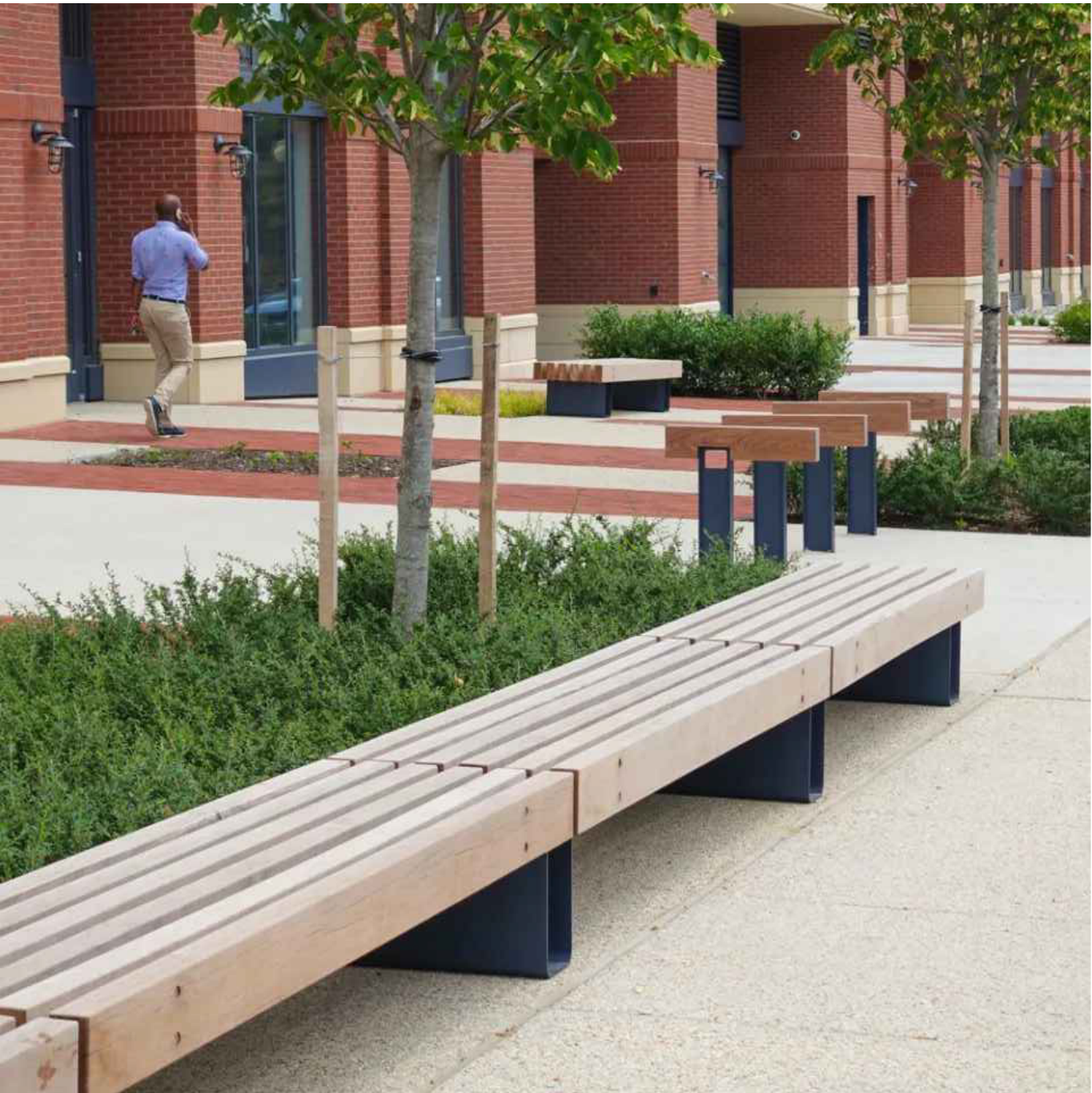


MOUNTING OPTIONS (D = Diameter)



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2-TIER BENCH

BENCH



ROUND POTTERY OPT 1



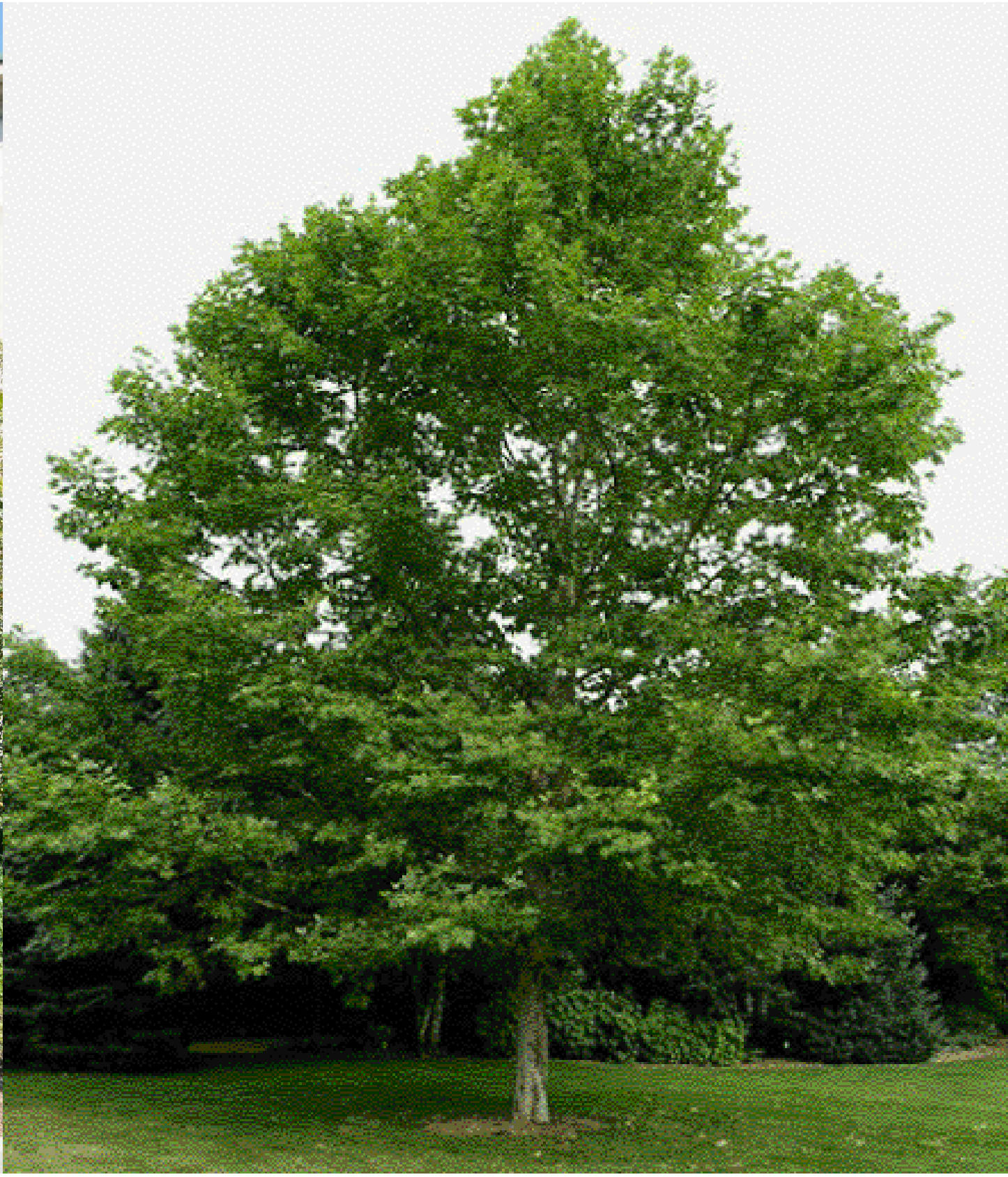
ROUND POTTERY OPT 2



RECTILINEAR POTTERY



© Robert Perry
ARBUTUS MARINA - STRAWBERRY TREE XR



ARCHONTOPHOENIX CUNNINGHAMIANA - KING PALM



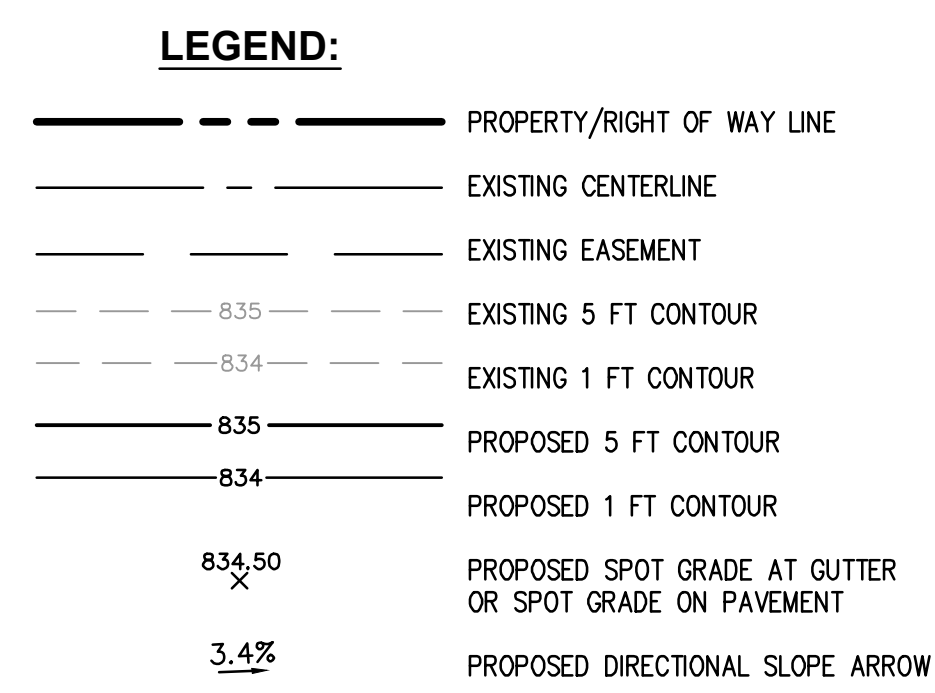
BUXUS SEMPERVIRENS - COMMON BOXWOOD



OLEA EUROPAEA 'MONTRA' - DWARF OLIVE



CARISSA MACROCARPA 'GREEN CARPET' - NATAL PLUM



NEW ASPHALT ON TOP OF EXISTING GRADE

DISTURBED AREA

TRASH ENCLOSURE:	103 SF
UTILITY TRENCHING:	2,011 SF
COURT FOOTINGS:	1,323 SF
RESTROOM & SHOWER:	160 SF

TOTAL: 3,597 SF

DISTURBED AREA FALLS UNDER THE 5,000 SF
DISTURBED AREA THRESHOLD. NO WQMP
REQUIRED.

DESCRIPTION

DATE _____

8911 Research Drive
Irvine, CA 92618-4237
(949) 872-2378
crasmi.h.com

raSmith
CREATIVITY BEYOND ENGINEERING

**PADEL UP - COSTA MESA
2045 HARBOR BLVD,
COSTA MESA, CA 92627**

**SCHEMATIC GRADING DISTURBANCE
EXHIBIT**



DATE 04/24/26

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DATE: 04/24/26

SCALE: 1" = 20'

JOB NO. 3260023

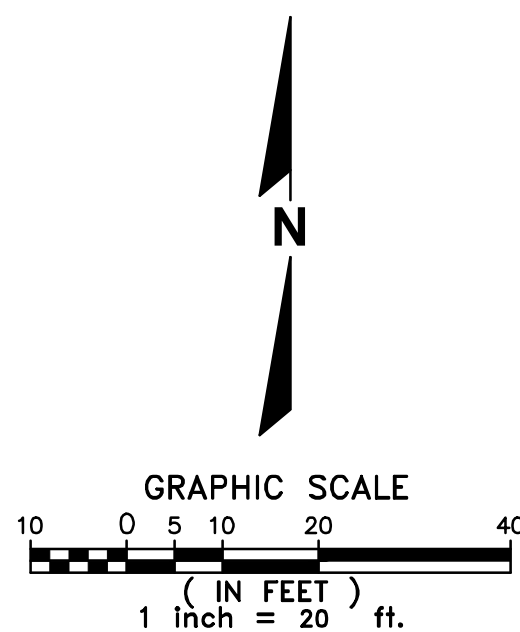
PROJECT MANAGER
ERIC A. ROBLES

DESIGNED BY: J.J.L.

CHECKED BY: EAR

SHEET NUMBER

1 OF 2

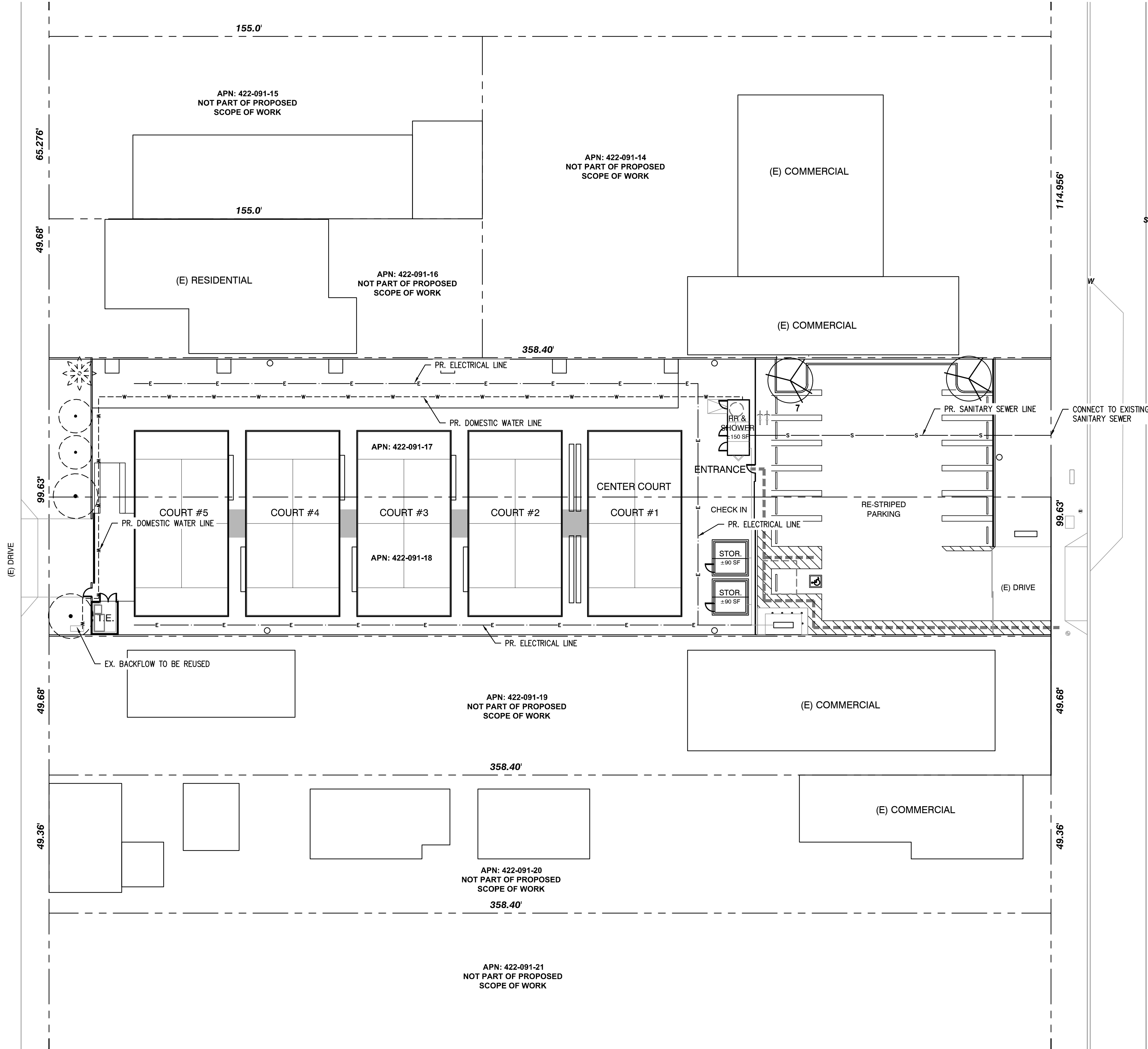


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rasmith.com

raSmith
CREATIVITY BEYOND ENGINEERING

PADEL UP - COSTA MESA
2045 HARBOR BLVD,
COSTA MESA, CA 92627

UTILITY PLAN



DATE 04/24/26

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DATE: 04/24/26

SCALE: 1" = 20'

JOB NO. 3260023

PROJECT MANAGER:
ERIC A. ROBLES

DESIGNED BY: JVL

CHECKED BY: EAR

SHEET NUMBER

2 OF 2