

2-STORY APARTMENT PARKING LOT
0192-221-79

NOTES:

1. ANY BUILDING, LANDSCAPE, WALKWAY ETC. IS EXISTING UNLESS IT'S LABELED "NEW" OR "RELOCATE"
2. IMPERVIOUS AREA BY THE NEW DRIVEWAY & CONCRETE PATCH:

New and Replacement Impervious Surface Area Summary	
Type of Impervious Surface	Surface Area (SF)
Replacement of Impervious Surfaces, including buildings and pavements	
New Impervious Surfaces, including buildings and pavements	2,807
Total	2,807

3. EXISTING 4" SEWER LATERAL ALONG ARROW TO BE UPGRADED TO 6".
4. REPAIR AND REPAINT DAMAGED PAINT AND STUCCO, REPAIR MISSING/BROKEN ROOF TILES, REPLACE BROKEN WINDOWS, REPAIR AND REPAINT WOOD DECK ADJACENT TO TAMARIND AVENUE. REPAIR THE RAIN GUTTERS AS WELL.

5. PICKUP/DROP OFF PLAN: 1-STORY SINGLE FAMILY HOUSE
- A. THE NON TEACHING STAFF WILL DIRECT THE TRAFFIC IF NECESSARY.
 - B. THERE'S INCENTIVE FOR CARPOOLING.
 - C. THERE WILL BE AN APP CONTROLLED SIGN IN/SIGN OFF SYSTEM FOR QUICKER PROCESS.
6. An automatic fire sprinkler system complying with NFPA 13 and Fire Department standards is required.

NEW CONCRETE

PICKUP AREA

NEW CONCRETE
INTERLOCK PAVER
ANGELUS PIPC SYSTEM
TOTAL 2,330 SF

FONTANA ACRES NO 7 LOT 2
AND N 1 AC LOT 1 EX ST

PROJECT SITE

2022 CALIFORNIA BUILDING CODE
2022 CALIFORNIA MECHANICAL CODE
2022 CALIFORNIA ELECTRICAL CODE
2022 CALIFORNIA PLUMBING CODE
2022 CALIFORNIA ENERGY CODE
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
CITY OF FONTANA ORDINANCES & RESOLUTIONS

- A-1 TITLE SHEET & SITE PLAN
- A-2 FIRST FLOOR PLAN
- A-3 BASEMENT PLAN
- A-4 ELEVATIONS
- A-5 FENCE AND WALL PLAN
- E-1 ELECTRICAL GENERAL NOTES
- E-2.1 PHOTOMETRIC LIGHTING PLAN
- E-2.2 LIGHTING DETAILS
- E-2.3 LIGHTING ENERGY CALCULATION
- CONCEPTUAL GRADING PLAN

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INTERIOR DESIGN
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Arcadia, CA, 91006
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FAX: 626-279-7232

SHEET INDEX

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SAN GABRIEL, CA 91775
(626) 692-1221

PROJECT CONTACTS

ADDRESS: 17487 ARROW BLVD, FONTANA 92335
APN: 0192-221-38
LOT SIZE: 120,470 SF(2.9 AC)
ZONING: R2
OCCUPANY GROUP: E
TYPE OF CONSTRUCTION: VB-SPRINKLERED

PHASE 1:

CONVERTING A CHURCH TO BE A SCHOOL.
(NO STRUCTURAL CHANGES)
12 CLASSROOMS, AUDITORIUM/DINING AREA
LAB, LIBRARY, MEDIA ROOM, MULTIPURPOSE ROOM.
THERE WILL BE 4 TEACHERS, A NON-TEACHING STAFF AND MAXIMUM 32 STUDENTS.
THESE ARE INTERNATIONAL STUDENTS PREPARING FOR APPLYING US COLLEGES.

OFFICE HOURS:	8:00 AM-5:00 PM
SCHOOL HOURS:	8:30 AM-3:30 PM
GATE OPENING HOURS:	8:00 AM-4:00 PM

EXISTING BUILDING: 10,576 SF
BASEMENT: 4,341 SF
TOTAL BUILDING: 15,893 SF
PARKING REQUIRED:
5 (TEACHERS+NON-TEACHING)+32 (STUDENTS)/4+10 (VISITORS)=23
PARKING PROVIDED: 23, 2 ARE ACCESSIBLE
PHASE 1 TOTAL AREA: 46,320 SF
LANDSCAPE TOTAL:
1620+675+682+2071+2308+373+116+868+251+525+534+154+365+138+39+10,720
10,720/46,320= 23.1% >15%

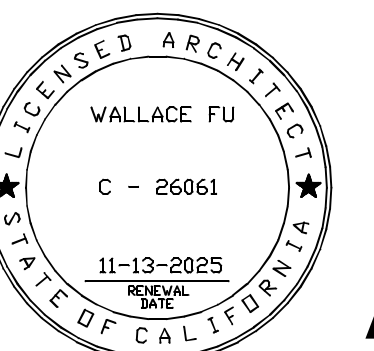
PROJECT ADDRESS:
17487 ARROW BLVD.
FONTANA, CA 92335

REVISION	DESCRIPTION	DATE
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DATE: SEP. 8, 2025
PROJECT NO.: 5-023
SCALE: 1"=20'
DRAWN BY: BW
CHECK BY: WYF

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A-1

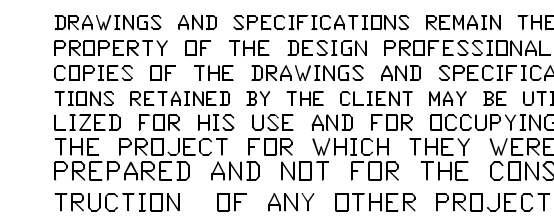
SITE PLAN 1"=20'-0"

LEGAL DESCRIPTION

VICINITY MAP

GOVERNING CODES

SUMMARY



ARCHITECTURE • PLANNING
INTERIOR DESIGN

TEL: 626-279-7971
FAX: 626-279-7231

REVISION	DESCRIPTION	DATE
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DATE: Sep. 9, 2023

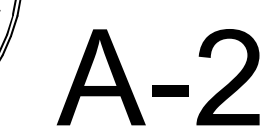
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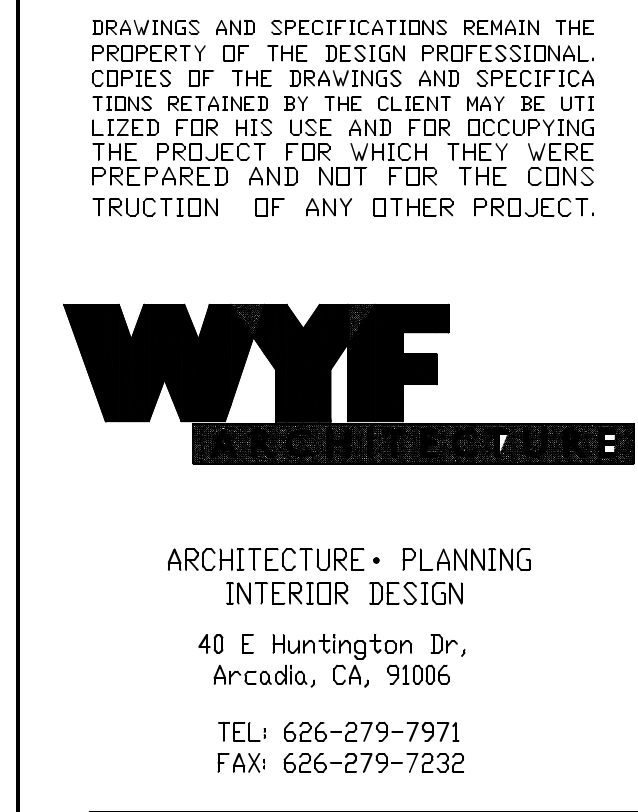
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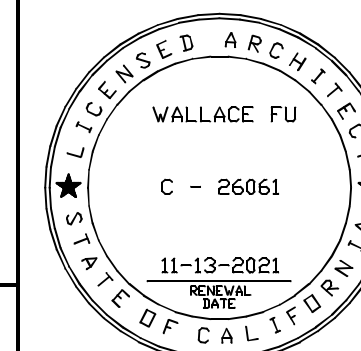


PROJECT ADDRESS:
CHANGE OF USE OF THE BUILDING
17487 ARROW BLVD.
FONTANA, CA 92335

[illegible]

DATE: Sep. 9, 2023
PROJECT NO.: 5-023
SCALE: 1"=20'
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A-3

EXISTING BASEMENT FLOOR PLAN 1/8"=1'-0"

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WYF

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[illegible]

DATE: Sep. 9, 2023

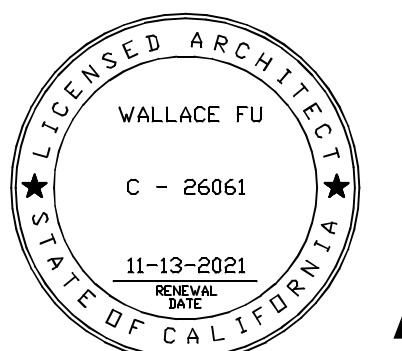
PROJECT NO.: 5-023

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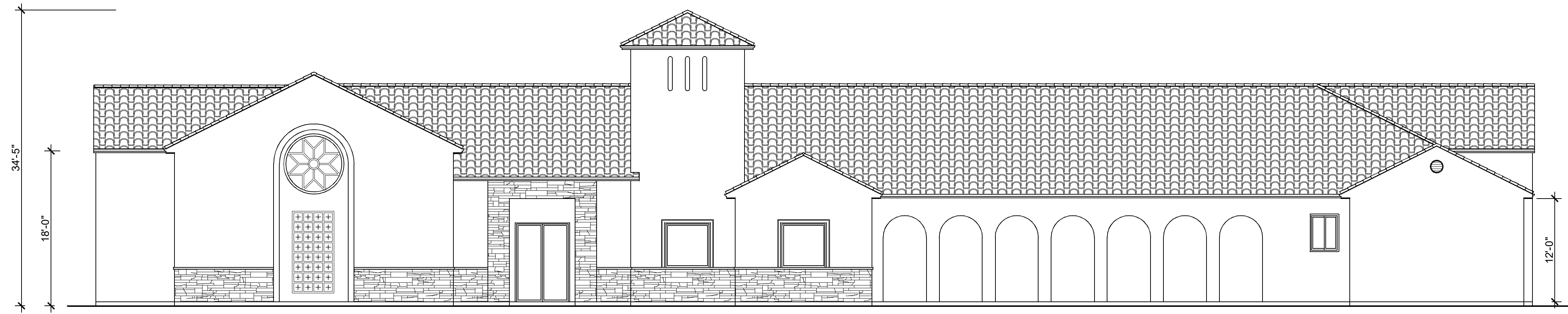
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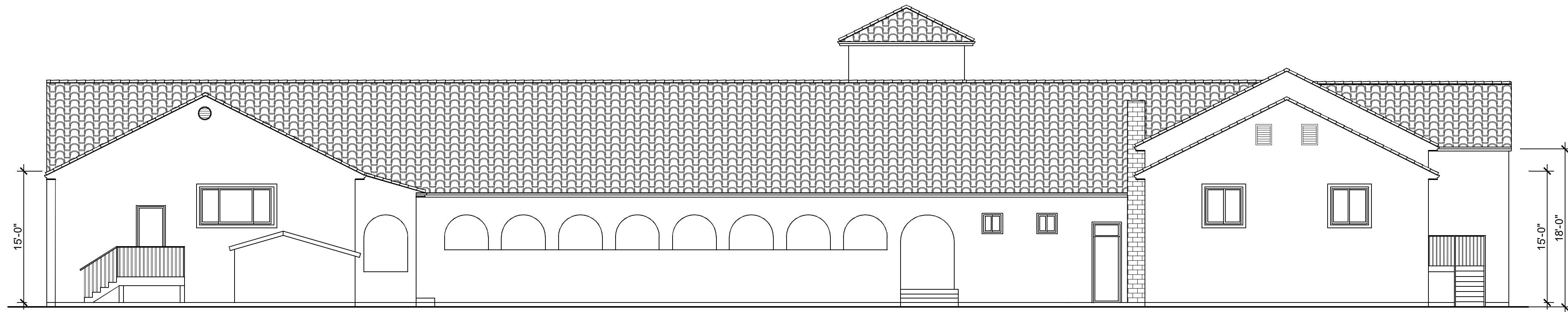
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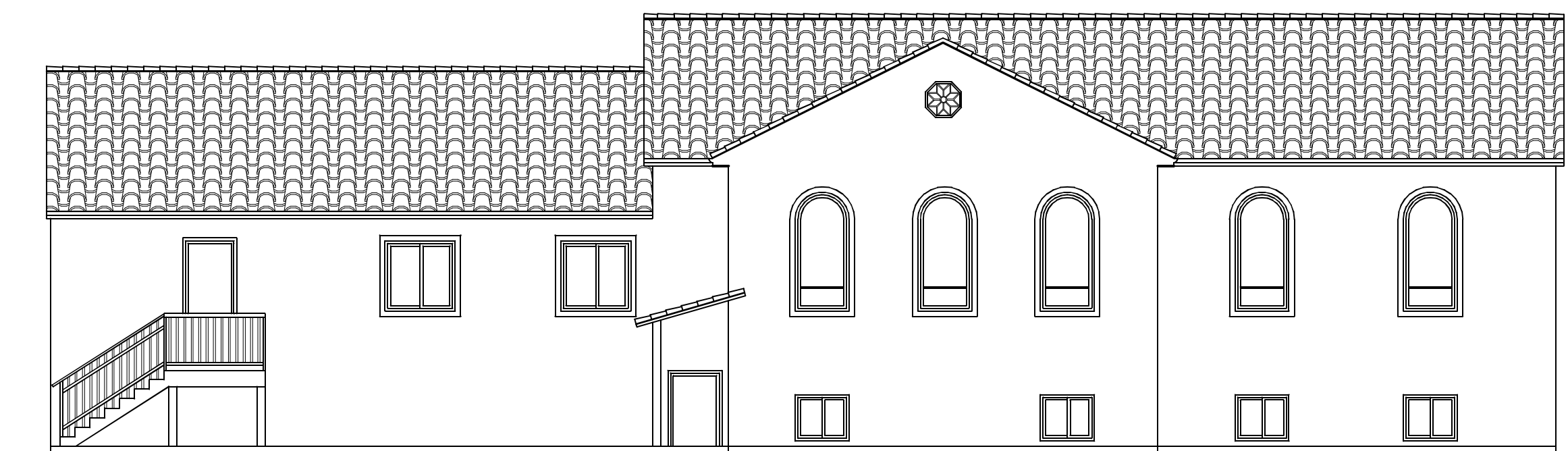
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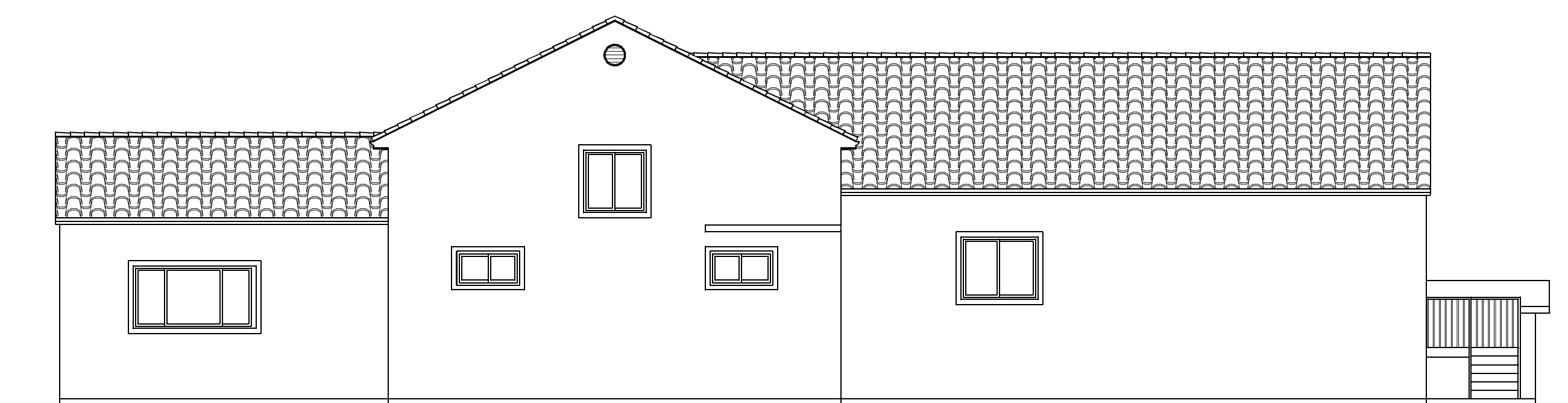
NORTH ELEVATION 1/8"=1'-0"



SOUTH ELEVATION 1/8"=1'-0"



EAST ELEVATION 1/8"=1'-0"



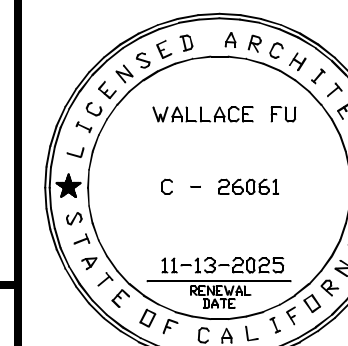
WEST ELEVATION 1/8"=1'-0"

WYF

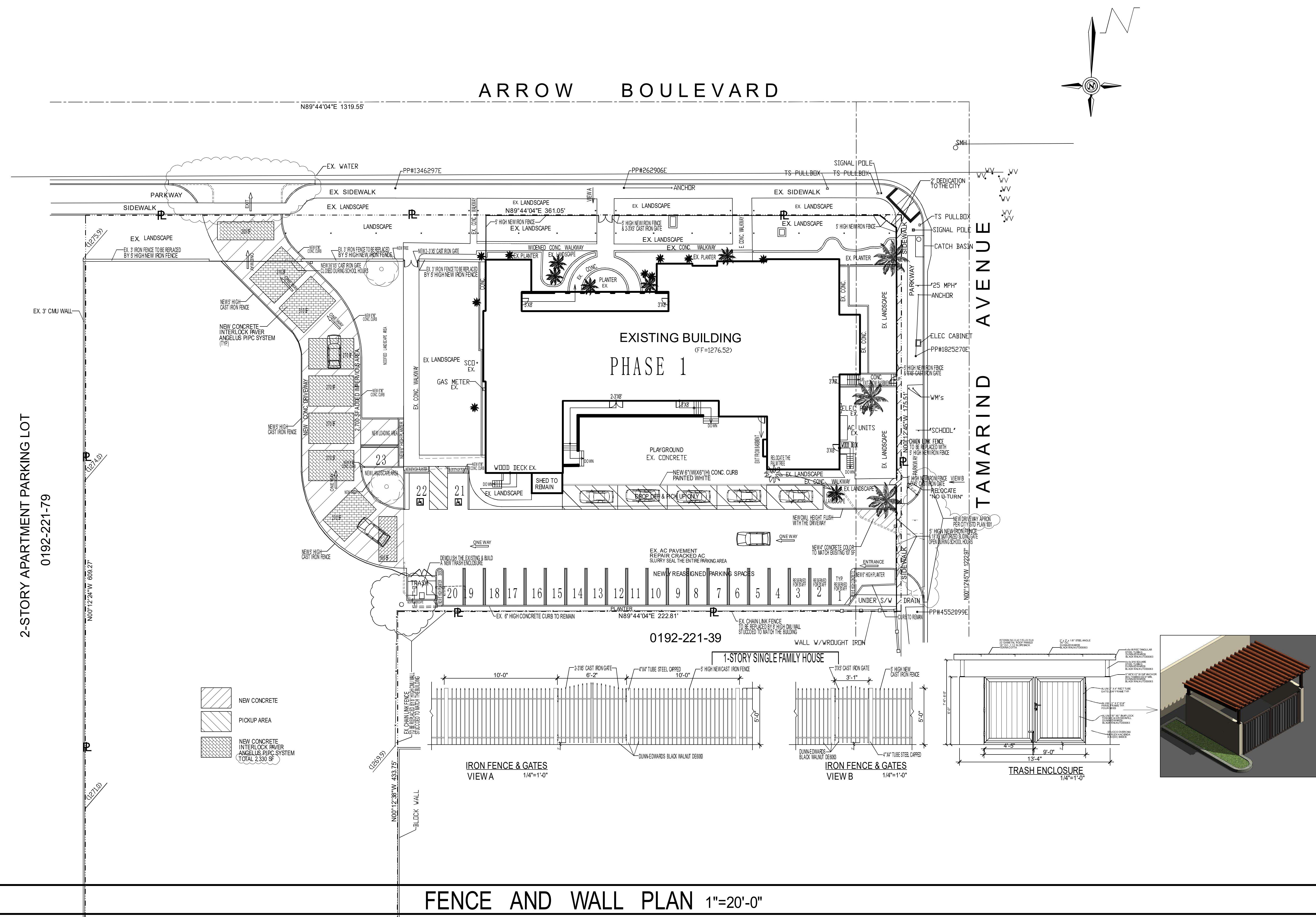
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REVISION	DESCRIPTION	DATE
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MEP Design

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WYF
ARCHITECTURE

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ABBREVIATIONS AND DESCRIPTIONS					
A	AMPERES	FFE	FINISH FLOOR ELEVATION	NL	NIGHT LIGHT
AC	ALTERNATING CURRENT	FIN	FINISH OR FINISHED	NTS	NOT TO SCALE
A/C	AIR CONDITIONING	FIXT	FIXTURE	NO	NORMALLY OPEN
AIC	AMPERES INTERRUPTING CAPACITY	FLUOR	FLUORESCENT		
AFC	AVAILABLE FAULT CURRENT	FT	FEET OR FOOT	OC	ON CENTER
AFCI	ARC FAULT CIRCUIT INTERRUPTER	FTG	FOOTING	OFCI	OWNER FINISHED CONTRACTOR INSTALLED
AFF	ABOVE FINISHED FLOOR	FVNR	FULL VOLTAGE NON-REVERSING	OFOI	OWNER FINISHED OWNER INSTALLED
AFG	ABOVE FINISHED GRADE				
AF	AMP FRAME/AMP FUSE	G	GROUND BUS OR WIRE	PB	PULL BOX
ABV	ABV	GA	GAUGE	PC	PHOTOCELL CONTROL
AL	ALUMINUM	GALV	GALVANIZED	PCTC	PHOTOCELL/TIMECLOCK CONTROL
ARCH	ARCHITECT OR ARCHITECTURAL	GC	GENERAL CONTRACTOR	PE	PNEUMATIC-ELECTRIC
AS	AMP SWITCH	GD	GARBAGE DISPOSAL	PH	PH
AT	AMP TRIP	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	PIV	POST INDICATOR VALVE
ATS	AUTOMATIC TRANSFER SWITCH	GFI	GROUND FAULT INTERRUPTER	PL	PILOT LIGHT
AWG	AMERICAN WIRE GAUGE	GFR	GROUND FLOOR RELAY	PLBG	PLUMBING
		GG	GREEN GROUND	PNL	PANEL
B/G	BELOW GRADE	GND	GROUND	PVC	POLYVINYL CHLORIDE
BKBD	BACKBOARD			PWR	POWER
BEL	BELOW	H	HORIZONTAL	PP	POWER POLE
		HAZMAT	HAZARDOUS MATERIAL		
C	CONDUIT WITH WIRE	HR	HOUR	Q	FIXTURES WITH QUARTZ RESTRIKE
CATV	CABLE TELEVISION	HP	HOUSE POWER	QTY	QUANTITY
CCTV	CLOSED CIRCUIT TELEVISION	HOA	HAND-OFF-AUTOMATIC		
CB	CIRCUIT BREAKER	HT	HEIGHT	REC	RECESSED
CLG	CEILING	HTR	HEATER	RECEPT	RECEPTACLE
CLF	CURRENT LIMITING FUSE	HZ	HERTZ	REF	REFRIGERATOR
CLR	CLEAR			REQ	REQUIREMENTS
CO	CONDUIT ONLY WITH NYLON PULLCORD	IG	ISOLATED GROUND	RGS	RIGID GALVANIZED STEEL
COAX	COAXIAL CABLE	IMC	INTERMEDIATE METAL CONDUIT	RM	ROOM
CONC	CONCRETE	INCAND	INCANDESCENT		
CONN	CONNECT OR CONNECTION			SB	STANDBY
CONT	CONTINUATION	J-BOX	JUNCTION BOX	SD	SMOKE DETECTOR
CONTR	CONTRACTOR			SF	SQUARE FEET
CPT	CONTROL POWER TRANSFORMER	KCM	KILO-CIRCUIT-MIL	SPEC	SPECIFICATION
CU	COPPER	KS	KNEE SPACE	STRUCT	STRUCTURAL
CT	CURRENT TRANSFORMER	KVA	KILO-VOLTAMPERE	SW	SWITCH
CW	COLD WATER	KW	KILO-WATT	SWBD	SWITCHBOARD
		KWH	KILO-WATT-HOUR	SWGR	SWICHGEAR
D	DEDICATED OUTLET				
DC	DIRECT CURRENT	LBS	POUND	TEM	TEMPORARY
DIA	DIAMETER	LF	LINEAL FEET	TEMP	TEMPERATURE
DISC	DISCONNECT	LOC	LOCATION	TEL	TELEPHONE
DIST	DISTRIBUTION	LT	LIGHT	TC	TIMECLOCK
DL	DAMP LOCATION	LTG	LIGHTING	TYP	TYPICAL
DB	DISTRIBUTION SWITCHBOARD	LV	LOW VOLTAGE		
DWGS	DRAWINGS			UGPS	UNDERGROUND PULL SECTION
		MH	MOUNTING HEIGHT	UL	UNDERWRITERS LABORATORIES
EA	EACH	MANUF	MANUFACTURER	UNO	UNLESS NOTED OTHERWISE
EB	90-MINUTE BATTERY CONNECTED TO UNIT	MAX	MAXIMUM		
EC	ELECTRICAL CONTRACTOR	MC	MECHANICAL CONTRACTOR	V	VOLTS
EDF	ELECTRICAL DRINKING FOUNTAIN	MCB	MAIN CIRCUIT BREAKER	VA	VOLTAMPERE
EG	CONNECTED TO EMERGENCY GENERATOR	MCC	MOTOR CONTROL CENTER	VFD	VARIABLE FREQUENCY DRIVE
EF	EXHAUST FAN	MCP	MOTOR CIRCUIT CENTER		
EI	CONNECTED TO EMERGENCY INVERTER	MECH	MECHANICAL	W/	WITH
ELECT	ELECTRICAL	MIN	MINIMUM	WH	WATER HEATER
ELEV	ELEVATION/ELEVATOR	MLO	MAIN LUGS ONLY	WP	WEATHER PROOF
EMER, EM	EMERGENCY	MSB	MAIN SWITCHBOARD	WT	WEIGHT
EMT	ELECTRO-METALLIC TUBING	MTD	MOUNTED		
EQUIP	EQUIPMENT	MTG	MOUNTING	XFMR	TRANSFORMER
EXIST, EX	EXISTING			XL	EXISTING TO BE RELOCATED
		N	NEUTRAL	XN	NEW LOCATION OF RELOCATED FIXTURE
°F	DEGREES FAHRENHEIT	NC	NORMALLY CLOSED	XR	EXISTING TO BE REMOVED
FA	FIRE ALARM	NEC	NATIONAL ELECTRICAL CODE		
FF	FINISHED FLOOR, FURNITURE FEED	NIC	NOT IN CONTRACT		

1. THIS ELECTRICAL DRAWING, WHICH CONSTITUTE AN INTEGRAL PART OF THIS CONTRACT, SERVES AS THE WORKING DRAWINGS AND INDICATES THE GENERAL LAYOUT OF THE ELECTRICAL SYSTEM. FIELD VERIFICATION OF LOCATIONS ON PLANS IS REQUIRED SINCE ACTUAL LOCATIONS, DISTANCES AND MOUNTING HEIGHTS WILL BE GOVERNED BY FIELD CONDITIONS.
2. ALL WORK AND MATERIAL SHALL BE IN ACCORDANCE WITH CALIFORNIA CODES AND GOVERNING AUTHORITIES. NOTHING IN THESE PLANS OR SPECIFICATIONS SHALL BE DEEMED AS PERMISSION TO VIOLATE THESE CODES AND AUTHORITIES.
3. AS A MINIMUM, CONSTRUCTION SHALL COMPLY WITH THE 2022 CEC (OR LATEST ISSUE ADOPTED BY THE ENFORCING JURIDICAL).
4. CONDUITS AND CONSTRUCTION FOR UTILITY SERVICES SHOWN ON THESE DRAWING ARE FOR PRELIMINARY REFERENCE ONLY. CONSTRUCTION SHALL BE IN ACCORDANCE WITH FINAL PLANS OF THE SERVING UTILITY COMPANIES.
5. THE MAIN ELECTRICAL SERVICE GROUND BUS SHALL BE GROUNDED TO CONCRETE ENCASED ELECTRODE (UFER) IN ACCORDANCE WITH SECTION 250-50 OF NEC, AND ALSO BONDED TO THE PIPING SYSTEMS PER SECTION 250-104 OF NEC.
6. ALL WIRE, UNLESS NOTED OTHERWISE, SHALL BE COPPER, UL LISTED FOR 600 VOLTS, **#12 AWG** (FOR CIRCUITS OF 100 VOLTS AND ABOVE). INSULATION SHALL BE DUAL RATED THHN/THWN UNLESS NOTED OTHERWISE. ALUMINUM CONDUCTORS IF INDICATED SHALL BE OF COMPACTED STRAND CONSTRUCTION AND TERMINATED WITH UL LISTED TERMINATING ADAPTERS.
7. ALL FUSES SHALL BE OF THE DUAL ELEMENT CURRENT LIMITING, REJECTION TYPE, UNLESS NOTED OTHERWISE.
8. THE ELECTRICAL CONTRACTOR SHALL PROVIDE SUPPORT FOR ALL FIXTURES AND ELECTRICAL EQUIPMENTS TO COMPLY WITH THE SEISMIC REQUIREMENTS OF THE CALIFORNIA BUILDING CODE AND ALL LOCAL ORDINANCES. THE ELECTRICAL CONTRACTOR SHALL VERIFY WHO IS PROVIDING SUPPORT WIRE FOR ALL LIGHTING FIXTURES IN SUSPENDED CEILINGS AS REQUIRED BY CODE, AND INCLUDE SAME IF NOT COVERED BY ANOTHER TRADE.
9. UNDERGROUND OR UNDER SLAB CONDUITS SHALL BE PVC SCHEDULE 40 UNLESS NOTED OTHERWISE. ALL NON-METALLIC CONDUIT SHALL CONTAIN AN APPROPRIATELY SIZED EQUIPMENT GROUNDING CONDUCTOR. CONDUIT ABOVE GRADE WHERE NOT EXPOSED TO SEVERE PHYSICAL DAMAGE SHALL BE EMT. ALL OTHER CONDUIT SHALL BE IMC OR GALVANIZED RIGID CONDUIT, EXCEPT AS OTHERWISE INDICATED. CONCEALED CONDUIT MAY BE ARMORED CABLE, FLEX, OR EMT.
10. ALL DEVICE PLATES SHALL BE PLASTIC OF THE STANDARD COLOR AS SELECTED BY THE ARCHITECT.
11. ALL ROOF PENETRATIONS SHALL BE FLASHED AND SEALED PROPERLY.
12. THE ENTIRE WIRING SYSTEM SHALL BE TESTED FOR SHORT CIRCUITS, GROUNDS, AND SUFFICIENT INSULATION RESISTANCE BETWEEN CONDUCTORS AND TO GROUND.
13. ALL OVER CURRENT DEVICES SHALL BE AT LEAST 75 °C RATED.
14. ALL METAL CONDUITS AND FITTINGS SHALL BE LISTED FOR GROUNDING CONTINUITY.
15. MULTIWIRE CIRCUITS SHALL NOT BE INSTALLED.
16. ELECTRICAL EQUIPMENT AND MATERIAL TO BE LISTED, LABELED, AND INSTALLED PER THE CEC. THE INSTALLATION STANDARDS/MANUFACTURER'S RECOMMENDATIONS AND, IF REQUIRED, A RECOGNIZED ELECTRICAL TESTING LABORATORY. (CEC 110.2)
17. PANEL HOMERUN DESIGNATIONS:
 - PL 13&35 = ONE THREE PHASE, 3-WIRE CIRCUIT, NO NEUTRAL TO A 3-POLE CIRCUIT BREAKER IN PANEL "PL".
 - PL 2&4 = ONE SINGLE PHASE, 2-WIRE CIRCUIT, NO NEUTRAL TO A 2-POLE CIRCUIT BREAKER IN PANEL "PL".
 - PL 1,3,5 = THREE SINGLE PHASE CIRCUITS WITH SEPARATE NEUTRAL FOR EACH CIRCUIT TO 1-POLE CIRCUIT BREAKER IN PANEL "PL".
18. CEC 110.2 APPROVAL: ALL ELECTRICAL EQUIPMENT SHALL BE LABELED, LISTED, OR CERTIFIED BY NATIONALLY RECOGNIZED TESTING LABORATORY ACCREDITED BY THE UNITED STATES OCCUPATIONAL SAFETY HEALTH ADMINISTRATION.
19. BEES 130.5(C) VOLTAGE DROP: THE MAXIMUM COMBINED VOLTAGE DROP ON BOTH INSTALLED FEEDER CONDUCTORS AND BRACH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5 PERCENT.

CODE COMPLIANCE
CALIFORNIA ELECTRICAL CODE 2022
CALIFORNIA ENERGY CODE 2022
REGULATIONS OF ALL OTHER AUTHORITIES HAVING JURISDICTION

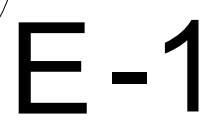
SCOPE OF WORK
OUTDOOR LIGHTING PHOTOMETRICS.

[illegible]

CHANGE OF USE OF THE BUILDING
17487 ARROW BLVD.
FONTANA, CA 92335

[illegible]

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STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

NRCC-LT04

CERTIFICATE OF COMPLIANCE

This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)(2) for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)(6), 180.1(a) and 180.2(b)(4Bv) for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.

Project Name: One Story Elevator

Report Page: [Page 1 of 7]

Project Address: 17487 Arrow Blvd, Fontana, CA 92335

Date Prepared: 2023-09-21T15:54:10+00:00

A. GENERAL INFORMATION

01 Project Location (city) Fontana

04 Total Illuminated Hardscape Area (ft²) 10313

02 Climate Zone 10

03 Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ):

☐ L-Z:0: Very Low - Undeveloped Parkland

☐ L-Z:2: Moderate - Urban Clusters

☐ L-Z:4: High - Must be reviewed by CA Energy Commission for Approval

☐ L-Z:1: Low - Rural Areas

☒ L-Z:3: Moderately High - Urban Areas

05 Occupancy Types within Project

School or Classroom

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)(6) and 141.0(b)(2) / 180.2(b)(4Bv) for alterations.

My Project Consists of:

01	02	04	05
<input checked="" type="checkbox"/> New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)(6)		
<input type="checkbox"/> Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
03			
% of Existing Luminaires Being Altered ¹	Sum Total of Luminaires Being Added or Altered		Calculation Method
<input type="checkbox"/> < 10% <input type="checkbox"/> >= 10% and < 50% <input type="checkbox"/> >= 50%			

Please proceed to Table E: Outdoor Lighting Fixture Schedule to define the project's luminaires.

¹ FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Generated Date/Time:

Documentation Software: Energy Code Ace

Report Version: 2022.0.000

Compliance ID: 143882-0923-0002

Schema Version: rev 20200101

Report Generated: 2023-09-21 11:54:13

STATE OF CALIFORNIA

Outdoor Lighting

CERTIFICATE OF COMPLIANCE

Project Name: One Story Elevator

Report Page: (Page 4 of 7)

Date Prepared: 2023-09-21T14:54:10-04:00

CALIFORNIA ENERGY COMMISSION

NRCC-1074

G. SHIELDING REQUIREMENTS (BUG)

This table includes fixtures of >=6,200 initial lumens indicated on Table F as needing to comply with Shielding Requirements. Maximum lumens can be found in Title 24, Part 12, Section 5.06.8

01	02	03	04	05	06	07	08	09	10	11	12	
Name or Item Tag	Complete Luminaire Description	Backlight Rating ²		Backlight Rating Per Design	Uplight Rating ²		Uplight Rating Per Design	Glare Rating (lumens) ²			Field Inspector	
		Mounting Height ¹	Max Allowable Backlight Rating ³		Lighting type	Max Allowable Uplight Rating ³		Mounting Height ¹	Max Allowable Glare Rating ³	Glare Rating Per Design		
A	Wall Pack	2 MH from property line	No Limit	B1	Area Lighting	U0	U0	> 2 MH from property line	G3	G2	<input type="checkbox"/>	<input type="checkbox"/>

¹FOOTNOTES: Mounting Height is labeled MH in this table.

² Authority having jurisdiction may ask for Maximum cut sheets or other documentation to confirm luminaire type, uplight ratings and glare ratings used for compliance per 130.7(b)/160.5(c)

³ BUG ratings with a lower number than the "Max Allowable" are compliant. Ex. If "Max Allowable" is Bug Rating B4, then B0, B1, B2 and B3 are all compliant.

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.

Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05	
Area Description	Shut-Off 130.7(c)/ 160.5(c)	Auto-Schedule 130.2(c)(2) / 160.5(c)	Motion Sensor 130.2(c)(3) / 160.5(c)	Field Inspector	
				Pass	
				Fail	
Parking Lot: "A"	Astronomical Timer	Provided	Provided	<input type="checkbox"/>	<input type="checkbox"/>

¹FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to a conform compliance with the specific light source technologies listed.

²Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of lighting source.

³Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from II and III.

Generated Date/Time:

Compliance Data:

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Generated: 2023-09-20

Schema Version: rev.2022.001

Report Generated: 2023-09-21 11:54:13

Compliance ID: 143882-0923-0001

Report Generated: 2023-09-21 11:54:13

STATE OF CALIFORNIA		Outdoor Lighting		SALFORD ENERGY COMMISION	
CERTIFICATE OF COMPLIANCE				NRCCT-04	
Project Name: One Story Elevator		Report Page:		Page 7 of 7	
Project Address:		Date Prepared:		2023-09-21T14:54:10-04:00	

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Yonghui Chen	Documentation Author Signature:
Company: Tricolor Engineering	Signature Date: 09-21-2023
Address: 1217 E Las Tunas Dr	CAH RERS Certification Identification (if applicable):
City/State/Zip: San Gabriel/CA/91775	Phone: 628-692-1221

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer) of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Yonghui Chen	Responsible Designer Signature:
Company: Tricolor Engineering	Date Signed: 09-21-2023
Address: 1217 E Las Tunas Dr	Licenses: E21991
City/State/Zip: San Gabriel/CA/91775	Phone: 628-692-1221

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.00

Schema Version: rev 2023.001

Generated Date/Time:

Documentation Software: Energy Code Ace

Compliance ID: 143882-0923-0002

Report Generated: 2023-09-21 11:54:00

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

Project Name: One Story Elevator

Report Page: (Page 2 of 7)

Date Prepared: 2023-09-21T14:54:10-04:00

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4bV

01

General Landscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)

+

02

Per Application 140.7(d)2 / 170.2(e)6 (See Table J)

+

03

Sales Frontage 140.7(d)2 (See Table K)

+

04

Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)

+

05

Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)

OR

06

Existing Power Allowance 141.0(b)2L / 180.2(b)4bV (See Table N)

=

07

Total Allowed (Watts)

≥

08

Total Actual (Watts)

07 must be >= 08

616.36

+

+

+

+

OR

=

616.36

≥

S81

COMPLIES

Shielding Compliance (See Table G for Details)

COMPLIES

Controls Compliance (See Table H for Details)

COMPLIES

D. ADDITIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Number: 2022.0.000

Schema Version: 20220101

Compliance ID: 143882-0923-0002

Report Generated: 2023-09-21 11:54:13

STATE OF CALIFORNIA

Outdoor Lighting

CERTIFICATE OF COMPLIANCE

Project Name: One Story Elevator

Report Page: NRCC-LTO-E (Page 5 of 7)

Date Prepared: 2023-09-21 14:54:10 -04:00

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardcape Allowance is per Table 140.7-A/ Table 170.2-R while "Use it or lose it" allowances are per Table 140.7-B/ Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table N, and are not included here. All other multifamily outdoor lighting is included here.

Calculated General Hardcape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

O2	O3	O4	O5	O6	O7	O8	O9
Area Description	Area Wattage Allowance (AWA)		Area Allowance (Watts)	Linear Wattage Allowance (LWA)			Total General AWA + LWA (Watts)
	Illuminated Area (ft²)	Allowed Density (W/ft²)		Perimeter Length (ft)	Allowed Density (W/ft)	Linear Allowance (Watts)	
Parking Lot	11884	0.021	249.56	S84	0.2	116.8	366.36
Initial Wattage Allowance for Entire Site (Watts):							250
Instances of Initial Wattage Allowance (L2 O only)*							
Total General Hardcape Allowance (Watts):							616.36

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

Generated Date/Time: _____

Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards -- 2022 Nonresidential Compliance

Report Number: 2022.0.0000
Schema Version: rev: 20220101

Compliance ID: 143883-0923-0002
Report Generated: 2023-09-21 11:54:13

STATE OF CALIFORNIA							
Outdoor Lighting				CALIFORNIA ENERGY COMMISSION			
CERTIFICATE OF COMPLIANCE				NRC CLO-0			
Project Name: One Story Elevator				Report Page:		(Page 3 of 7)	
				Date Prepared:		2023-09-21T14:54:10-04:00	

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(c)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(f)(2) only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:									
01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Watts per luminaire: ^{1,2}	How is Wattage determined	Total Number Luminaires ²	Luminaire Status ³	Excluded per 140.7(b) / 170.2(c)6A	Design Watts	Cutoff Req. > 6,200 initial lumens output 130.2(b) / 160.5(c) ⁴	Field Inspector Pass Fail
A	Wall Pack <input type="checkbox"/> Linear	83	Mfr. Spec	7	New	<input type="checkbox"/>	S81	Provided <input type="checkbox"/> <input type="checkbox"/>	
Total Design Watts:								S81	

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

¹FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)

² For linear luminaires, wattage should be indicated as W/f instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.

³Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstated" for existing luminaires which are being removed and reinstated as part of the project scope.

⁴ Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b) / 160.5(c)

Generated Date/Time:
Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Report Version: 2022.0.000
Schema Version: rev 20220101
Compliance ID: 143882-0923-0002
Report Generated: 2023-09-21 11:54:13

STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Outdoor Lighting			
CERTIFICATE OF COMPLIANCE		NRCI-LTO-E	
Project Name: One Story Elevator	Report Page:	(Page 6 of 7)	
Date Prepared:	2023-09-21T14:54:10-04:00		
M. LIGHTING ALLOWANCE: PER SPECIFIC AREA			
<i>This section does not apply to this project.</i>			
N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)			
<i>This section does not apply to this project.</i>			
O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION			
<i>Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online</i>			
Form/Title			
NRCI-LTO-E - Must be submitted for all buildings			
P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE			
<i>Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html</i>			
Form/Title		Systems/Spaces to be Field Verified	
NRCI-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.		Parking Lot: "A"	

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.090

Schema Version: rev 20220101

Generated Date/Time:

Documentation Software: Energy Code Ace

Compliance ID: 141883-0923-0002

Report Generated: 2023-09-21 11:54:13

[illegible]

CITY OF FONTANA
CONCEPTUAL GRADING PLAN
STONERIDGE PREP SCHOOL

ASSESSOR'S PARCEL NO.
0192-21-38

LEGAL DESCRIPTION:

OWNER:

YU WANG
17328 VENTURA BLVD. #501
ENCINO, CA 91316
(323) 388-8742

ENGINEER:

ALLARD ENGINEERING
16866 SEVILLE AVE.
FONTANA, CA 92335
(909) 356-1815

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THE SURVEY IS THE CENTERLINE OF
ARROW BOULEVARD BEING N89°44'04"E.

BENCHMARK:

CITY OF FONTANA, UTILITY NOTIFICATION LIST

CITY OF FONTANA
8333 SIERRA AVE
FONTANA, CA 92335
(909) 350-6632

FONTANA WATER COMPANY
15966 ARROW ROUTE
FONTANA, CA 92335
(909) 822-2201

SO. CALIF. GAS COMPANY
1981 W. LUGONIA AVE
REDLANDS, CA 92374
(909) 335-7967
EMERGENCIES: (800) 427-2200

TIME WARNER CABLE
1500 AUTO CENTER DR
ONTARIO, CA 91761
(909) 975-3439

SUNESTYS, LLC
1325 PICO ST #106
CORONA, CA 92881
(951) 278-0400

UNDERGROUND SERVICE ALERT
(800) 422-4133

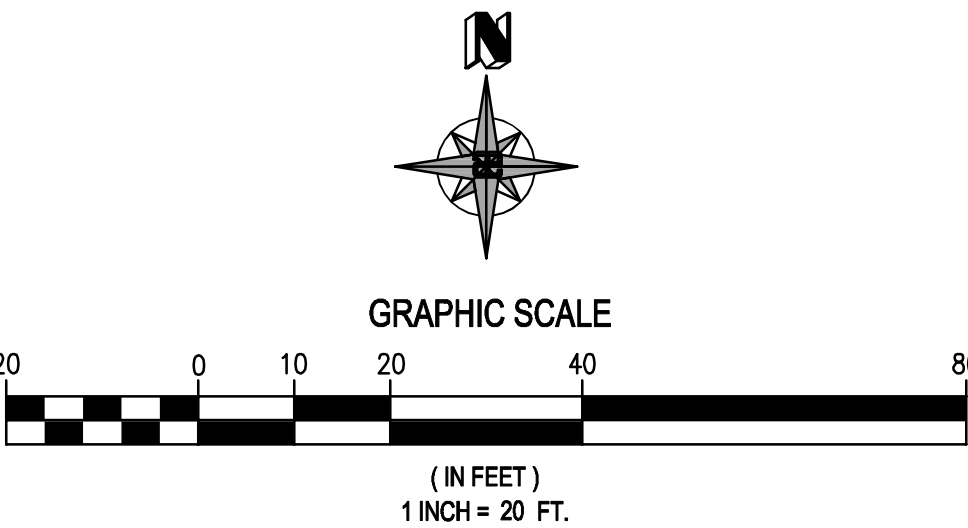
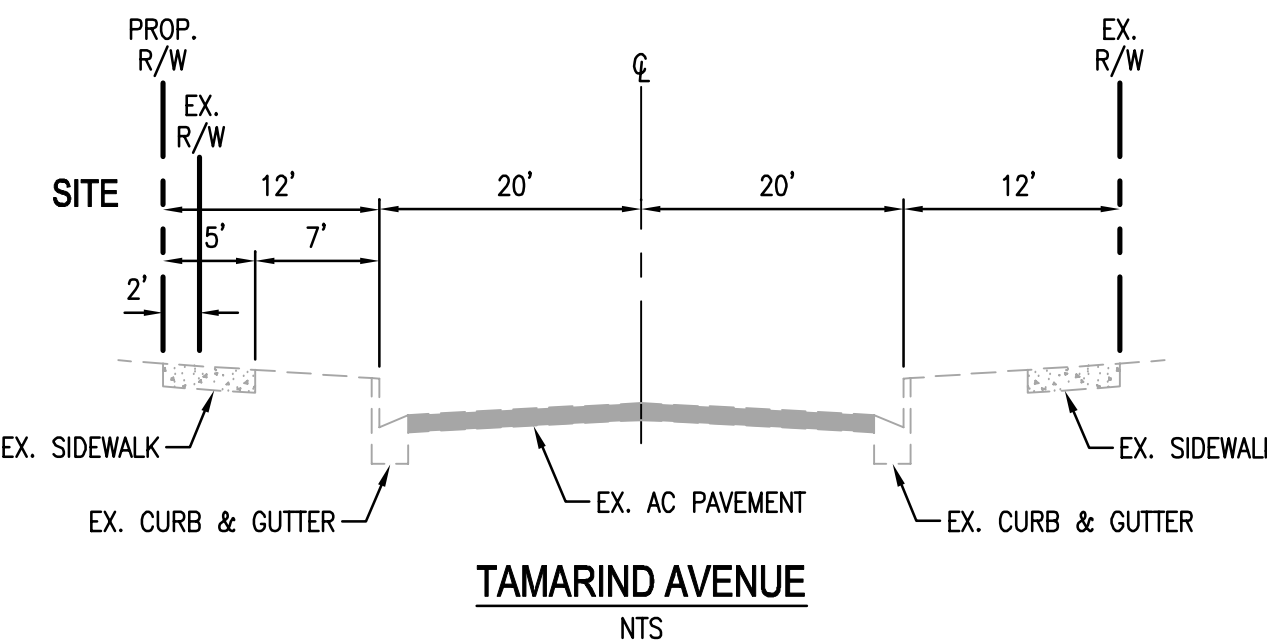
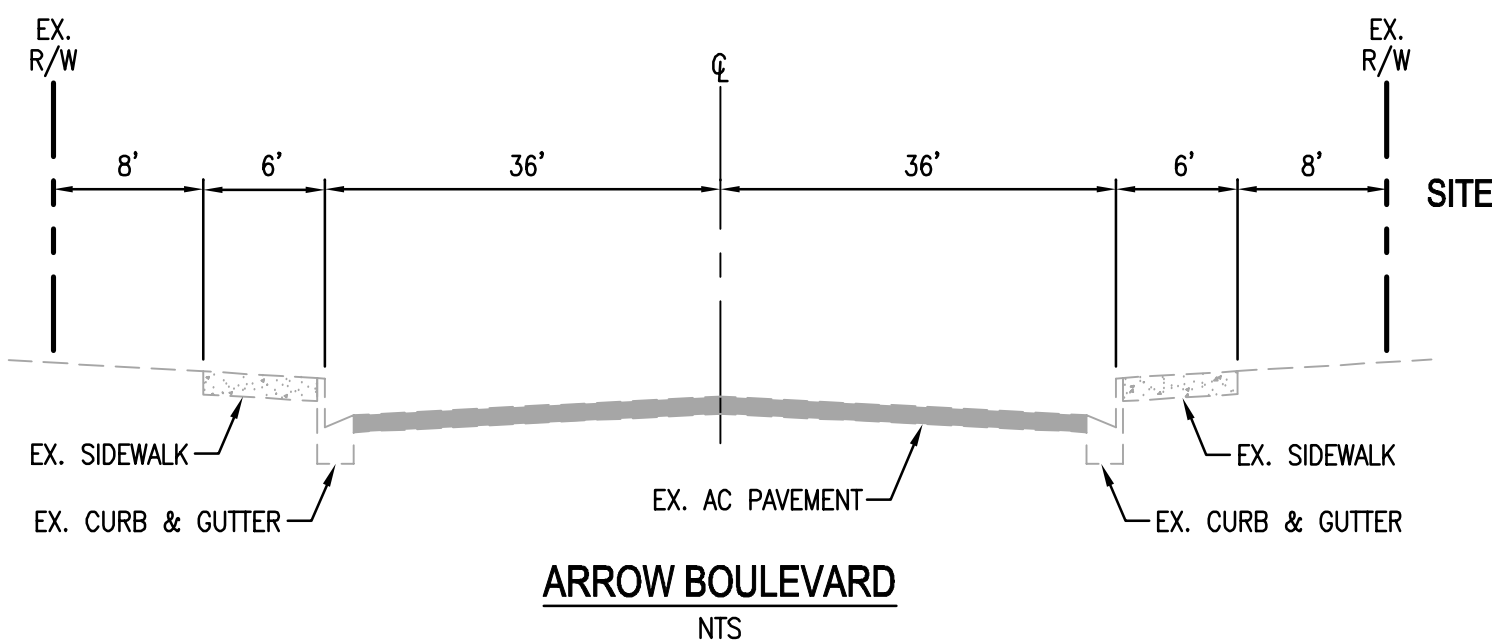
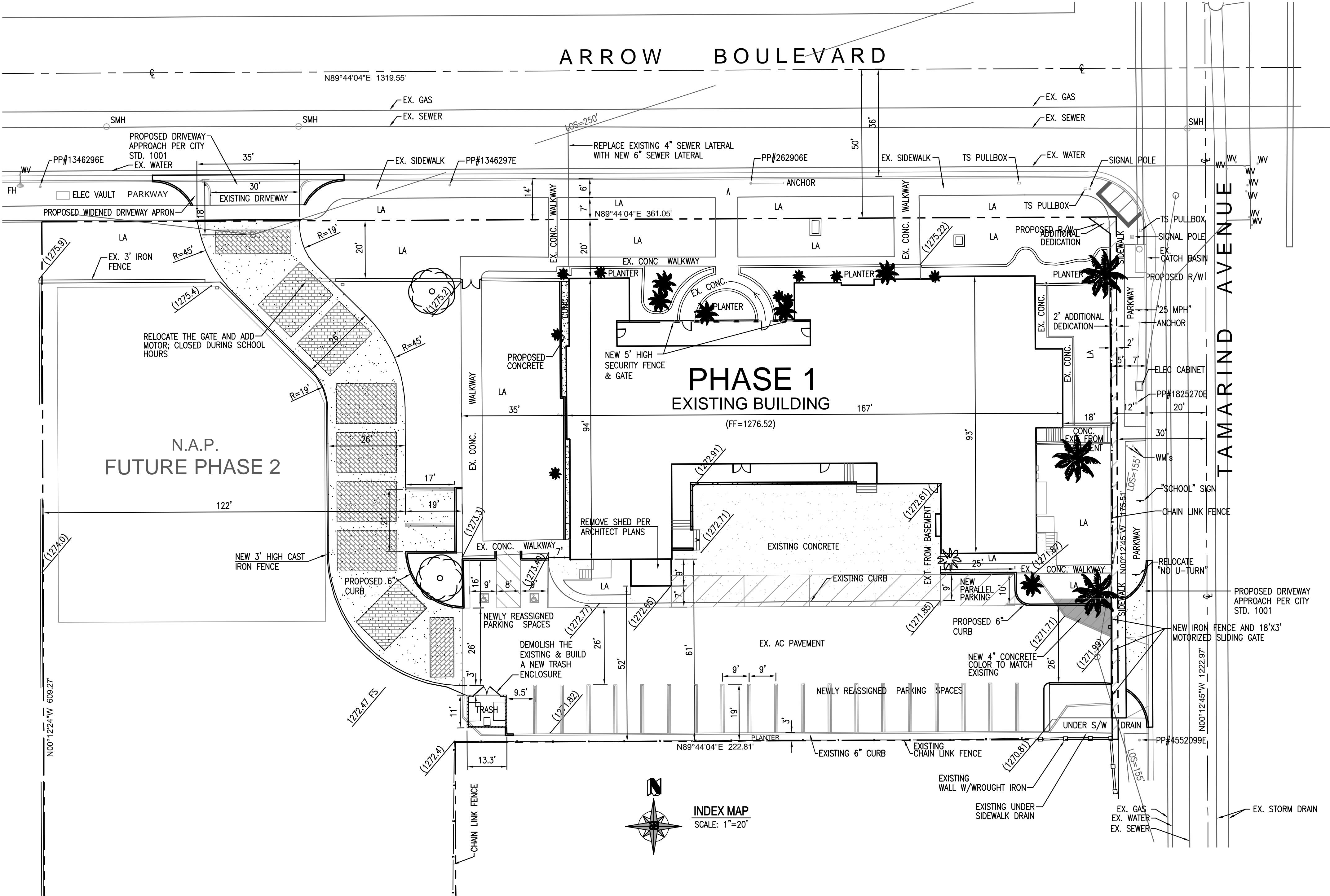
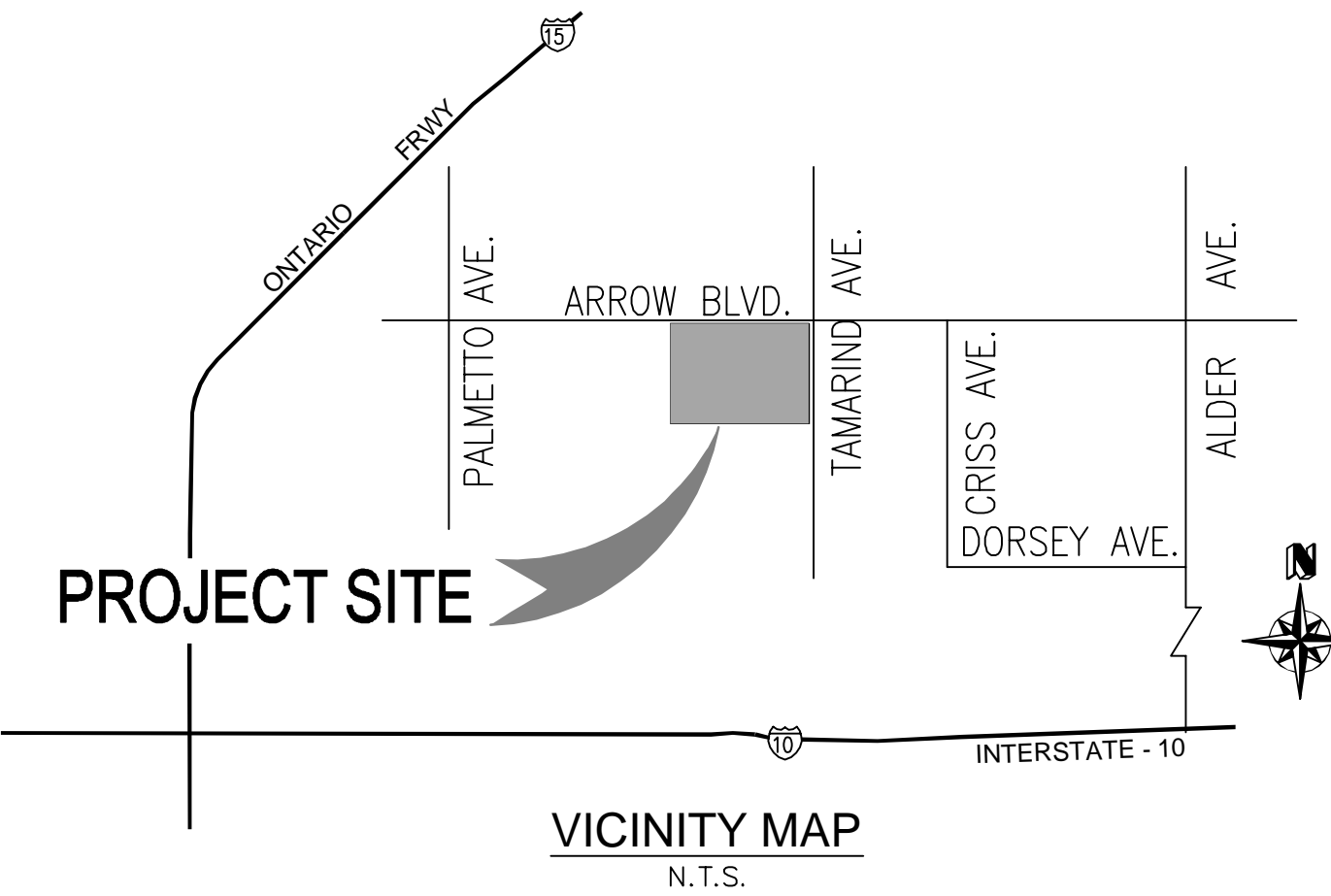
UNDERGROUND SERVICE ALERT
(800) 422-4133

UNDERGROUND SERVICE ALERT
(800) 422-4133

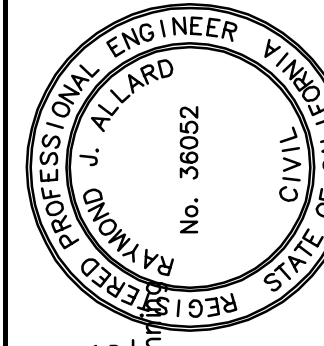
NOTES:

LEGEND

PA PLANTER AREA
FL FLOW LINE
GB GRADE BREAK
TC TOP OF CURB
HP HIGH POINT
FS FINISH SURFACE
PL PROPERTY LINE
LA LANDSCAPE



STONERIDGE PREP SCHOOL
17487 ARROW BLVD.
FONTANA, CA 92335



ALLARD ENGINEERING
Civil Engineering - Land Planning
16866 Seville Ave.
Fontana, California 92335
Phone (909) 356-1815
Raymond J. Allard, P.E. 8-25-23

DATE February, 2022
SCALE 1"=50'
DRAWN AE
CHECKED RJA

CONCEPT GRADING PLAN
STONERIDGE PREP SCHOOL
17487 ARROW BLVD.
FONTANA, CA 92335

SHEET TITLE
PROJECT
SHEET NO.
1 of 1

Date	Revision



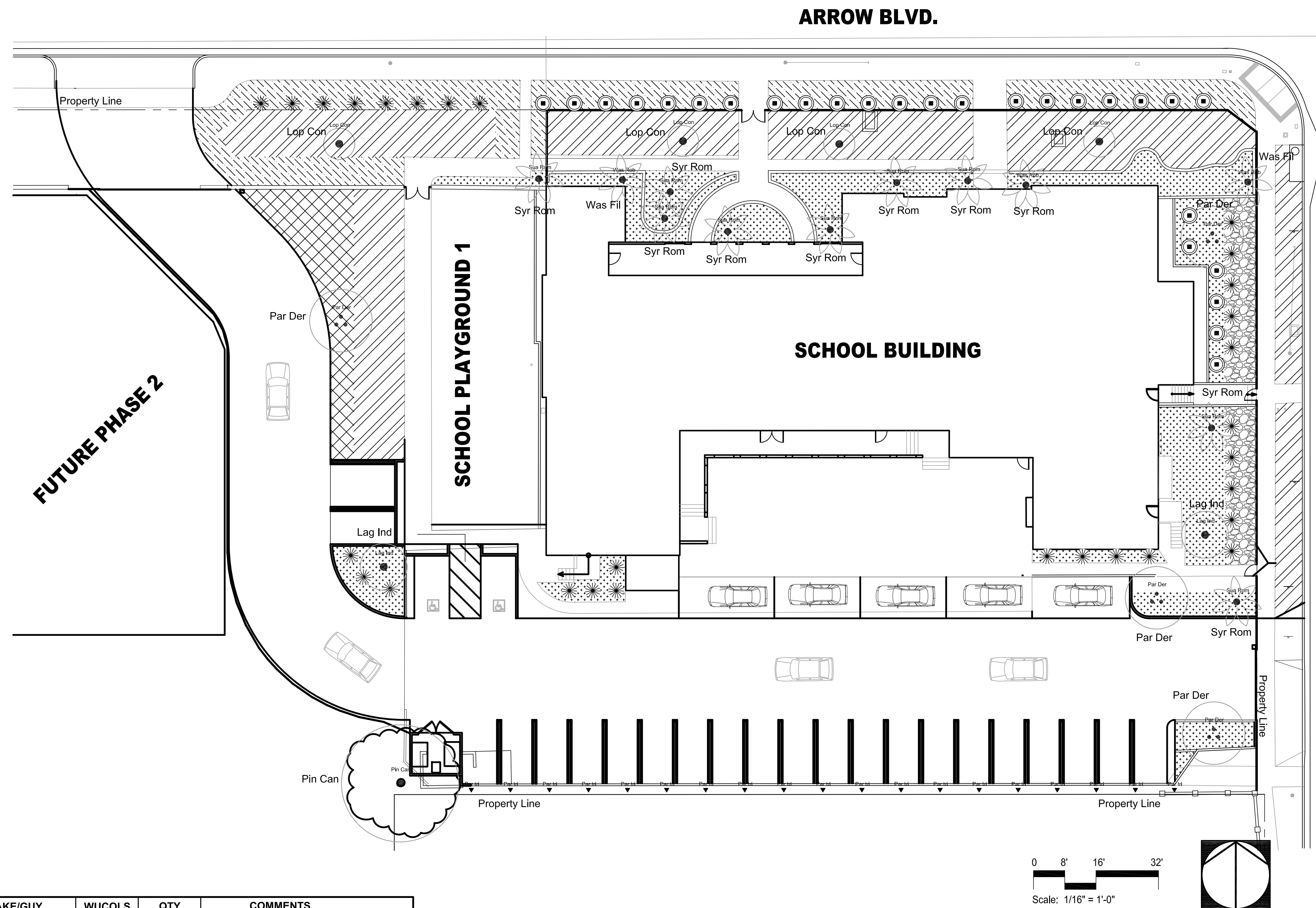
Sheet Title:

CONCEPTUAL
LANDSCAPE PLAN

Job No. : 92335-02
Scale: 1/16" = 1'-0"
Drawn: LCW
Checked: LCW

Sheet Number:

NOTE:
Refer to Sheet A-1 for detailed calculation of landscape
area total and percentage.



EXISTING TREE SCHEDULE:

KEY	BOTANICAL NAME	COMMON NAME	SIZE	FORM	STAKE/GUY	WUCOLS	QTY	COMMENTS
Pin Can	Pinus canariensis	Canary Island Pine	-	-	-	L	1	Protect in plan, prune if necessary
Syr Rom	Syragrus romanzoffiana	Queen Palm	-	-	-	MW	10	Protect in plan, prune if necessary
Was Fil	Washingtonia filifera	California Fan Palm	-	-	-	L	3	Protect in plan, prune if necessary

TREE SCHEDULE:

KEY	BOTANICAL NAME	COMMON NAME	SIZE	FORM	STAKE/GUY	WUCOLS	QTY	COMMENTS
Par Der	Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	36" box	Multi / L.B.	Stake	L	4	Install root barrier manufacture recommendations if within 6' of paving
Lag Ind	Lagerstroemia indica 'Dynamite'	Dynamite Crape Myrtle	24" box	STD	Stake	L	2	Install root barrier manufacture recommendations if within 6' of paving
Lop Con	Lophostemon confertus	Brisbane Box	15 gal.	STD	Stake	L	4	Install root barrier manufacture recommendations if within 6' of paving

TOTAL TREES = 14 (EXISTING) + 4 (36" BOX) + 2 (24" BOX) + 4 (15 GAL) = 24

Notes of Mulch Requirements : All planting area shall receive Min. 3" of bark mulch after planting. Refer to planting specifications for accepted manufacture.

SHRUB SCHEDULE:

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	FORM	QTY	WUCOLS	COMMENTS
	Agave americana 'Variegata'	Variegated Century Plant	5 gal.	—	28	VL	
	Phormium tenax 'Atropurpureum'	New Zealand Flax 'Atropurpureum'	5 gal.	—	27	L	

GROUND COVER SCHEDULE:

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY	WUCOLS	COMMENTS
	Lantana 'New Gold'	New Gold Lantana	Flat	24" o.c.	1,330 sf	L	
	Myoporum parvifolium	Creeping Boobialla	Flat	24" o.c.	2,860 sf	L	
	Pennisetum alopecuroides	Fountain Grass	1 gal.	36" o.c.	2,320 sf	L	
	Senecio mandraliscae	Blue Chalksticks	Flat	24" o.c.	2,340 sf	VL	
	Decomposed Granite				2,730 sf		

VINE and ESPALIER SCHEDULE:

KEY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	SPACING	QTY	WUCOLS	TRAINING METHOD
Par Tri	Parthenocissus Tricuspidata	Boston Ivy	1 gal.		10' o.c.	19	MW	Garden trellis vine anchor attach to wall with silicon glue