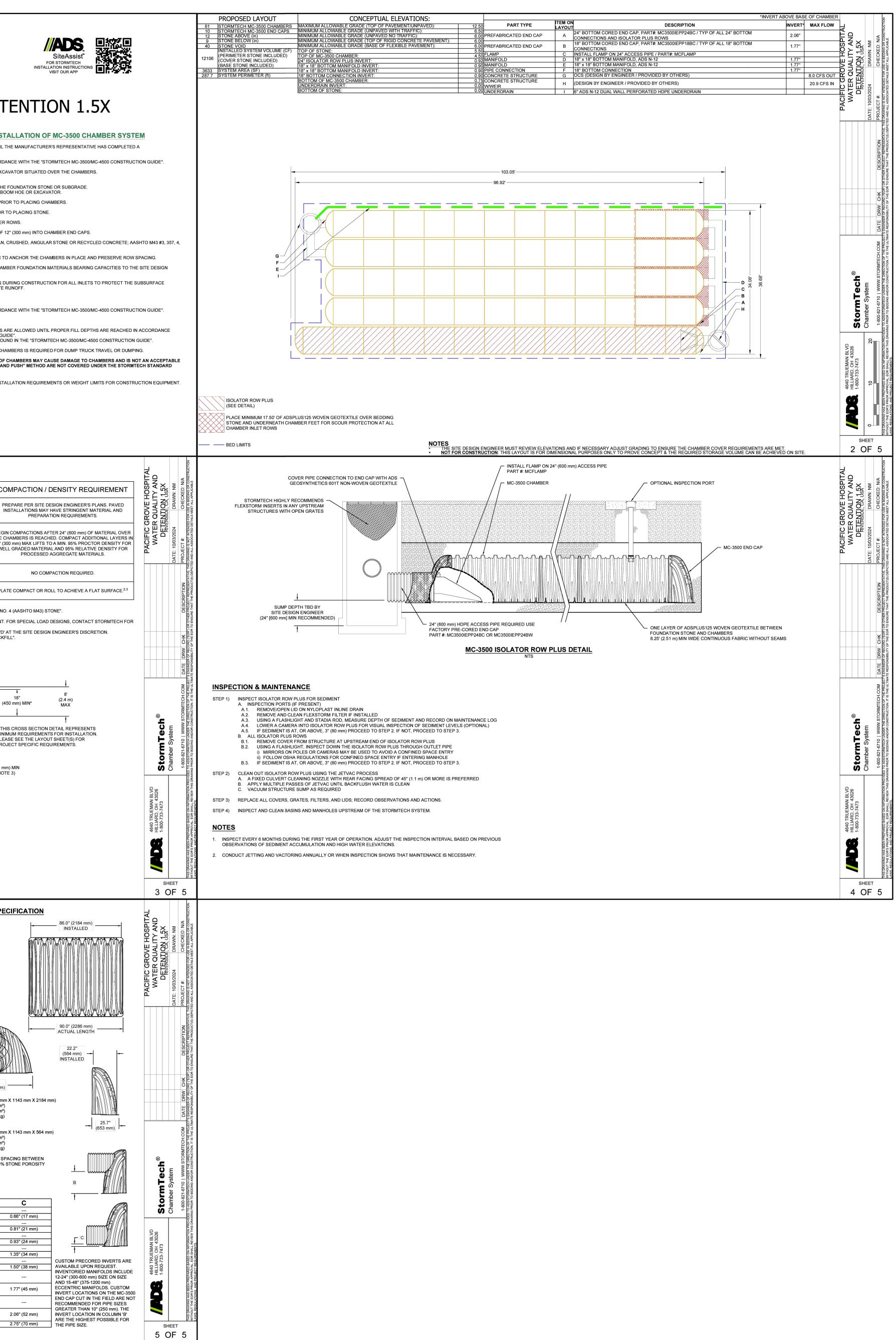
		TION				
ENGINEERED PRODUCT MANAGER ADS SALES REP					5	
PROJECT NO.			Advance	d Drainage Systen	ns, Inc.	
	PACIF	IC GRO	VE HOSPITAL W	ATER Q	UALITY	AND DET
MC-3500 STOR	MTECH CHA	MBER SPECIF		ERSIDE, CA		HE BIDDING AND INST
		LL BE MANUFACTURED FRC	DM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE	PRE-CC	INSTRUCTION MEETING WITH	HALL NOT BE INSTALLED UNTIL T 1 THE INSTALLERS. HALL BE INSTALLED IN ACCORDA
		OF ASTM F2418, "STANDARE CHAMBER CLASSIFICATION	D SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGAT N 45x76 DESIGNATION SS.	3. CHAMB TED STORM • S	ERS ARE NOT TO BE BACKFIL TECH RECOMMENDS 3 BACKI TONESHOOTER LOCATED OF	LLED WITH A DOZER OR AN EXCA FILL METHODS: F THE CHAMBER BED.
IMPEDE FLOW OR LIMI	FACCESS FOR INSPECTION	ION.	AL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD	• B. 4. THE FO	ACKFILL FROM OUTSIDE THE	LUSING AN EXCAVATOR ON THE EXCAVATION USING A LONG BO LEVELED AND COMPACTED PRIC
THAT THE LOAD FACTO	ORS SPECIFIED IN THE AA	ASHTO LRFD BRIDGE DESIG DURATION LIVE LOADS, BAS	EL, AND THE INSTALLATION RECORDENENTS SHALL ENSU SN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) ED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION	5. JOINTS ON 6. MAINTA	IN MINIMUM - 6" (150 mm) SPA	L BE PROPERLY SEATED PRIOR T ACING BETWEEN THE CHAMBER
"STANDARD PRACTICE LOAD CONFIGURATION	FOR STRUCTURAL DESIG	IGN OF THERMOPLASTIC CC STANTANEOUS (<1 MIN) AAS	URATIONS DETERMINED IN ACCORDANCE WITH ASTM F2 DRRUGATED WALL STORMWATER COLLECTION CHAMBE SHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) VITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.	RS". 8. EMBED		ST BE INSERTED A MINIMUM OF 1 CHAMBERS MUST BE A CLEAN, (
STACKING LUGS.	E WIDTH OF CHAMBERS D	DURING SHIPPING AND HAN	IDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKI	ING 10. THE CO ENGINE	NTRACTOR MUST REPORT A	DP CENTER OF THE CHAMBER TO
THAN 3". • TO ENSURE THE GREATER THAN	INTEGRITY OF THE ARCH OR EQUAL TO 450 LBS/FT	H SHAPE DURING INSTALLA 17/%. THE ASC IS DEFINED IN	THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESTION, a) THE ARCH STIFFNESS CONSTANT SHALL BE I SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAM	11. ADS RE STORM BER	WATER MANAGEMENT SYSTE	EXSTORM CATCH IT" INSERTS DU
FROM REFLECTIN 8. ONLY CHAMBERS THAT	/E GOLD OR YELLOW CO	DLORS. E SITE DESIGN ENGINEER W	S (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCE VILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN STRUCTURAL EVALUATION FOR APPROVAL BEFORE	1. STORM	OR CONSTRUCTION TECH MC-3500 CHAMBERS SH E OF EQUIPMENT OVER MC-3	HALL BE INSTALLED IN ACCORDA
DELIVERING CHAMBER • THE STRUCTURA • THE STRUCTURA	S TO THE PROJECT SITE L EVALUATION SHALL BE L EVALUATION SHALL DE	E AS FOLLOWS: E SEALED BY A REGISTEREE EMONSTRATE THAT THE SA	D PROFESSIONAL ENGINEER. FETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 STM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHT	• N • N FOR W	O EQUIPMENT IS ALLOWED O O RUBBER TIRED LOADER, DI 1TH THE "STORMTECH MC-35	
LRFD BRIDGE DE • THE TEST DERIV	SIGN SPECIFICATIONS FO	OR THERMOPLASTIC PIPE.	SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN	3. FULL 36 USE OF A DO	ZER TO PUSH EMBEDMENT S	OVER MATERIALS OVER THE CHA
10. MANIFOLD SIZE TO BE D ADAPTATION OF THIS CH	ETERMINED BY SITE DESIGN AMBER SYSTEM TO SPECIF	N ENGINEER. SEE TECH NOTE FIC SITE AND DESIGN CONSTR	ED MANUFACTURING FACILITY. #6.32 FOR MANIFOLD SIZING GUIDANCE. DUE TO THE RAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIO	WARRANTY.		IAGED BY USING THE "DUMP ANI WITH ANY QUESTIONS ON INSTA
11. ADS DOES NOT DESIGN (		INER SYSTEMS. TO MINIMIZE	THE LEAKAGE POTENTIAL OF LINER SYSTEMS, THE MEMBRAI ESSIONAL AND INSTALLED BY A QUALIFIED CONTRACTOR.	NE		
ADS, INC.						
		ACCEPT	ABLE FILL MATERIALS: STO	RMTECH MC-	3500 CHAMBER	RSYSTEMS
		ON	DESCRIPTION		AASHTO MA CLASSIFICA	
LAYER TO THE BOTTO	M OF FLEXIBLE PAVEMEN	INT OR UNPAVED FINISHED SE MAY BE PART OF THE 'D	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PE		N/A	PF
EMBEDMENT STONE (	'B' LAYER) TO 24" (600 mm	ARTS FROM THE TOP OF TH m) ABOVE THE TOP OF THE		TURES, <35% FINES OR	AASHTO M A-1, A-2-4, OR	
LAYER.		/AY BE A PART OF THE 'C'	MOST PAVEMENT SUBBASE MATERIALS CAN BE LAYER.	USED IN LIEU OF THIS	AASHTO N 3, 357, 4, 467, 5, 56, 57, 6, 67	7, 68, 7, 78, 8, 89, 9, 10
FOUNDATION STONE FOUNDATION STONE			TO CLEAN, CRUSHED, ANGULAR ST OR RECYCLED CONCRETE <sup>5</sup>		AASHTO N 3, 357, 4, 467, AASHTO N	5, 56, 57
A THE FOOT (BOTTOM)			OR RECYCLED CONCRETE⁵		3, 357, 4, 467, -	
<ul> <li>STORMTECH COMPACTION</li> <li>WHERE INFILTRATION SUR COMPACTION REQUIREMENT</li> </ul>	REQUIREMENTS ARE ME FACES MAY BE COMPROI NTS.	ET FOR 'A' LOCATION MATER MISED BY COMPACTION, FC	RIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (M DR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURF/ UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE	IAX) LIFTS USING TWO FUL ACE MAY BE ACHIEVED BY	COVERAGES WITH A VIBRAT	TORY COMPACTOR. OUT COMPACTION EQUIPMENT. I
EXCA\ (CAN BE SLOPED C	VATION WALL		B C C C C C C C C C C C C C C C C C C C			45" **THI 45" MININ (1140 mm) PLEA   PRO.
	6" (150 mm) MIN —		MC-3500 SUBGRADE SOILS (SEE NOTE 3)	6" (150 mm) MIN	- 77" (1950 mm)	9" (230 mm (SEE NOT 
NOTES: 1. CHAMBERS SHALL MEET TH		E	MC-3500			E I I2" (300 mm) MIN
<ol> <li>CHAMBERS SHALL MEET TH DESIGNATION SS.</li> <li>MC-3500 CHAMBERS SHALL</li> <li>THE SITE DESIGN ENGINEE</li> </ol>	HE REQUIREMENTS OF A BE DESIGNED IN ACCOR R IS RESPONSIBLE FOR A	E STM F2418, "STANDARD SPE RDANCE WITH ASTM F2787 " ASSESSING THE BEARING F	MC-3500 SUBGRADE SOILS (SEE NOTE 3) ECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED STANDARD PRACTICE FOR STRUCTURAL DESIGN OF TH RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE S	WALL STORMWATER COLLI ERMOPLASTIC CORRUGAT SUBGRADE SOILS AND THE	ECTION CHAMBERS" CHAMBE	R CLASSIFICATION 45x76
CHAMBERS SHALL MEET TH DESIGNATION SS.     MC-3500 CHAMBERS SHALL     THE SITE DESIGN ENGINEE FOR THE RANGE OF EXPECT PERIMETER STONE MUST E REQUIREMENTS FOR HAND	HE REQUIREMENTS OF AS BE DESIGNED IN ACCOR R IS RESPONSIBLE FOR A TED SOIL MOISTURE COI BE EXTENDED HORIZONTA FUNG AND INSTALLATION	E STM F2418, "STANDARD SPE RDANCE WITH ASTM F2787 " ASSESSING THE BEARING F INDITIONS. REFERENCE STO TALLY TO THE EXCAVATION "	MC-3500 SUBGRADE SOILS (SEE NOTE 3) ECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED STANDARD PRACTICE FOR STRUCTURAL DESIGN OF TH	WALL STORMWATER COLLI ERMOPLASTIC CORRUGAT SUBGRADE SOILS AND THE IDANCE. VALLS.	ECTION CHAMBERS" CHAMBE	R CLASSIFICATION 45x76
<ol> <li>CHAMBERS SHALL MEET THE DESIGNATION SS.</li> <li>MC-3500 CHAMBERS SHALL</li> <li>THE SITE DESIGN ENGINEE FOR THE RANGE OF EXPECT</li> <li>PERIMETER STONE MUST E</li> <li>REQUIREMENTS FOR HAND</li> <li>TO MAINTAIN THE WILL</li> <li>TO ENSURE A SECUR</li> <li>TO ENSURE THE INTE ASTM F2418. AND b) T</li> </ol>	HE REQUIREMENTS OF AS BE DESIGNED IN ACCOR R IS RESPONSIBLE FOR A TED SOIL MOISTURE COI BE EXTENDED HORIZONT, DIING AND INSTALLATION DTH OF CHAMBERS DURI E JOINT DURING INSTALL GRITY OF THE ARCH SHA	E STM F2418, "STANDARD SPE RDANCE WITH ASTM F2787 " ASSESSING THE BEARING F INDITIONS. REFERENCE STO "ALLY TO THE EXCAVATION N: ING SHIPPING AND HANDLIN LATION AND BACKFILL, THE APE DURING INSTALLATION	MC-3500 SUBGRADE SOILS (SEE NOTE 3) ECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED STANDARD PRACTICE FOR STRUCTURAL DESIGN OF TH RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE S DRMTECH DESIGN MANUAL FOR BEARING CAPACITY GUI WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION V	WALL STORMWATER COLLI ERMOPLASTIC CORRUGAT SUBGRADE SOILS AND THE IDANCE. VALLS. STACKING LUGS. HAN 3". ER THAN OR EQUAL TO 450	ECTION CHAMBERS" CHAMBE ED WALL STORMWATER COLI DEPTH OF FOUNDATION STO LBS/FT/%. THE ASC IS DEFINE	ED IN SECTION 6.2.8 OF
<ol> <li>CHAMBERS SHALL MEET THE DESIGNATION SS.</li> <li>MC-3500 CHAMBERS SHALL</li> <li>THE SITE DESIGN ENGINEE FOR THE RANGE OF EXPECT</li> <li>PERIMETER STONE MUST E</li> <li>REQUIREMENTS FOR HAND</li> <li>TO MAINTAIN THE WILL</li> <li>TO ENSURE A SECUR</li> <li>TO ENSURE THE INTE</li> </ol>	HE REQUIREMENTS OF AS BE DESIGNED IN ACCOR R IS RESPONSIBLE FOR A TED SOIL MOISTURE COI BE EXTENDED HORIZONTA DELING AND INSTALLATION DOTH OF CHAMBERS DURI IS JOINT DURING INSTALL GRITY OF THE ARCH SHA TO RESIST CHAMBER DEF	E STM F2418, "STANDARD SPE RDANCE WITH ASTM F2787 " ASSESSING THE BEARING F ONDITIONS. REFERENCE STO TALLY TO THE EXCAVATION N: ING SHIPPING AND HANDLIN LATION AND BACKFILL, THE APE DURING INSTALLATION FORMATION DURING INSTAL	MC-3500 SUBGRADE SOILS (SEE NOTE 3) ECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED STANDARD PRACTICE FOR STRUCTURAL DESIGN OF TH RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE S ORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUI WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION V NG, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING S E HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS T A, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATE LLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 25)	WALL STORMWATER COLLI ERMOPLASTIC CORRUGAT SUBGRADE SOILS AND THE IDANCE. VALLS. STACKING LUGS. HAN 3". ER THAN OR EQUAL TO 450	ECTION CHAMBERS" CHAMBE ED WALL STORMWATER COLI DEPTH OF FOUNDATION STO LBS/FT/%. THE ASC IS DEFINE PRODUCED FROM REFLECT	ED IN SECTION 6.2.8 OF
<ol> <li>CHAMBERS SHALL MEET THE DESIGNATION SS.</li> <li>MC-3500 CHAMBERS SHALL</li> <li>THE SITE DESIGN ENGINEE FOR THE RANGE OF EXPECT</li> <li>PERIMETER STONE MUST E</li> <li>REQUIREMENTS FOR HAND</li> <li>TO MAINTAIN THE WILL</li> <li>TO ENSURE A SECUR</li> <li>TO ENSURE THE INTE ASTM F2418. AND b) TO</li> </ol>	HE REQUIREMENTS OF AS BE DESIGNED IN ACCOR R IS RESPONSIBLE FOR A TED SOIL MOISTURE COI BE EXTENDED HORIZONTA DELING AND INSTALLATION DOTH OF CHAMBERS DURI IS JOINT DURING INSTALL GRITY OF THE ARCH SHA TO RESIST CHAMBER DEF	E ASTM F2418, "STANDARD SPE RDANCE WITH ASTM F2787 " ASSESSING THE BEARING F INDITIONS. REFERENCE STO TALLY TO THE EXCAVATION ING SHIPPING AND HANDLIN LATION AND BACKFILL, THE APE DURING INSTALLATION FORMATION DURING INSTAL NTS	MC-3500 SUBGRADE SOILS (SEE NOTE 3) ECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED STANDARD PRACTICE FOR STRUCTURAL DESIGN OF TH RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE S DRMTECH DESIGN MANUAL FOR BEARING CAPACITY GUI WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION V NG, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING S E HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS T A, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATE LLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 2) STORMTECH CHAMBER	WALL STORMWATER COLLI ERMOPLASTIC CORRUGAT SUBGRADE SOILS AND THE IDANCE. VALLS. STACKING LUGS. HAN 3". ER THAN OR EQUAL TO 450 3° C), CHAMBERS SHALL BE	ECTION CHAMBERS" CHAMBE ED WALL STORMWATER COLI DEPTH OF FOUNDATION STO LBS/FT/%. THE ASC IS DEFINE PRODUCED FROM REFLECT MC- VALLEY	ED IN SECTION 6.2.8 OF TVE GOLD OR YELLOW 3500 TECHNICAL SPEC NTS
<ol> <li>CHAMBERS SHALL MEET THE DESIGNATION SS.</li> <li>MC-3500 CHAMBERS SHALL</li> <li>THE SITE DESIGN ENGINEE FOR THE RANGE OF EXPECT</li> <li>PERIMETER STONE MUST E</li> <li>REQUIREMENTS FOR HAND</li> <li>TO MAINTAIN THE WILL</li> <li>TO ENSURE A SECUR</li> <li>TO ENSURE THE INTE ASTM F2418. AND b) T COLORS.</li> </ol>	HE REQUIREMENTS OF AS BE DESIGNED IN ACCOR R IS RESPONSIBLE FOR A TED SOIL MOISTURE COI BE EXTENDED HORIZONT, DUING AND INSTALLATION DTH OF CHAMBERS DURI E JOINT DURING INSTALL GRITY OF THE ARCH SHA TO RESIST CHAMBER DEF	E ASTM F2418, "STANDARD SPE RDANCE WITH ASTM F2787 " ASSESSING THE BEARING F INDITIONS. REFERENCE STO TALLY TO THE EXCAVATION ING SHIPPING AND HANDLIN LATION AND BACKFILL, THE APE DURING INSTALLATION FORMATION DURING INSTAL NTS	MC-3500 SUBGRADE SOILS (SEE NOTE 3) ECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED STANDARD PRACTICE FOR STRUCTURAL DESIGN OF TH RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE S DRMTECH DESIGN MANUAL FOR BEARING CAPACITY GUI WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION V NG, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING S E HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS T A, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATE LLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 2) STORMTECH CHAMBER	WALL STORMWATER COLLI ERMOPLASTIC CORRUGAT SUBGRADE SOILS AND THE IDANCE. VALLS. STACKING LUGS. HAN 3". ER THAN OR EQUAL TO 450 3° C), CHAMBERS SHALL BE	ECTION CHAMBERS" CHAMBE ED WALL STORMWATER COLI DEPTH OF FOUNDATION STO LBS/FT/%. THE ASC IS DEFINE PRODUCED FROM REFLECT MC-	ED IN SECTION 6.2.8 OF TVE GOLD OR YELLOW 3500 TECHNICAL SPEC NTS
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Exhibit 8 - Project Plans PR-2024-001751 (CUP,DR)

FOR A PROPER FIT IN END CAP OPENING.

8/5/2024 2:25 Autodesk Docs

NOTE: ALL DIMENSIONS ARE NOMINAL



BOULDER ASSOCIATES 300 SPECTRUM CENTER DR, SUITE 730 IRVINE, CALIFORNIA 92618	n n n n n n n n n n n n n n n n n n n
949.727.9000	
© 2025 KIMLEY-HORN AND ASSOCIATES, INC. 1100 TOWN AND COUNTRY RD SUITE 700, ORANGE, CA 92868 PHONE: 714-939-1030 FAX: 714-938-9488 WWW.KIMLEY-HORN.COM	8
PROJECT P246459.0	0
PACIFIC GROVE	
PSYCHIATRIC	
FACILITY	
5900 BROCKTON AVE., RIVERSIDE, CA 92506	
DESIGN DEVELOPMENT PACKAGE 1 - SITE	•
DATE REVISIONS	
<u></u>	-
HCAI	
H241744-33-00 APPROVAL STAMP	
SHEET TITLE	
DETAILS	
SHEET NUMBER	

ISSUE FOR 100% DD: 3/28/2025

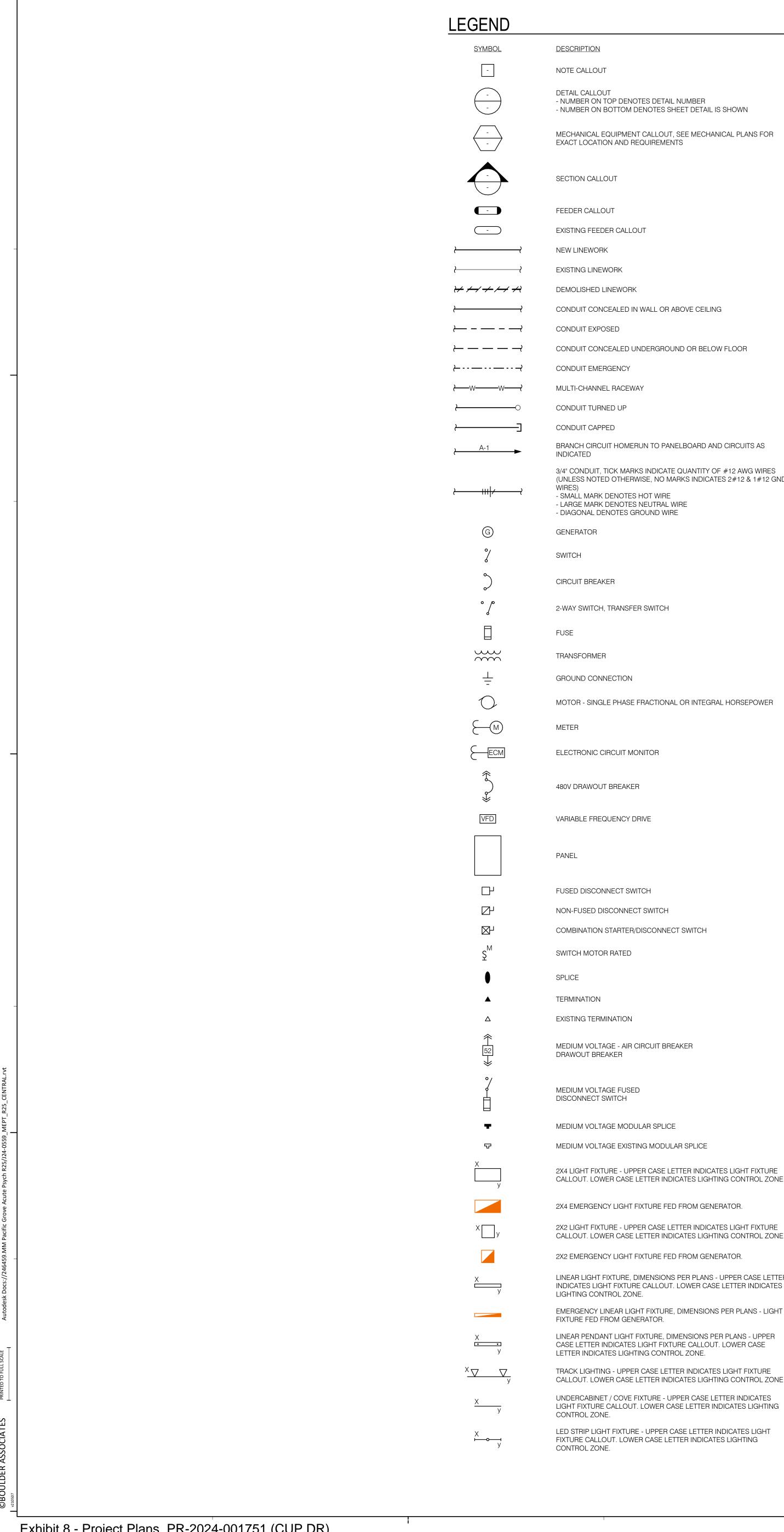


Exhibit 8 - Project Plans PR-2024-001751 (CUP,DR)

	SYMBOL
	×Оу
DENOTES DETAIL NUMBER TOM DENOTES SHEET DETAIL IS SHOWN	x e y
PMENT CALLOUT, SEE MECHANICAL PLANS FOR	хф <sub>у</sub>
ND REQUIREMENTS	<sup>x</sup> ∞ <sub>y</sub>
	хҊ <sup>ѧ</sup>
	×.
CALLOUT	- <b>(</b> -
	0
WORK	
LED IN WALL OR ABOVE CEILING	₽~□ _₽_
)	
LED UNDERGROUND OR BELOW FLOOR	
ACEWAY	$\otimes$
UP	Ş
	Ō
IOMERUN TO PANELBOARD AND CIRCUITS AS	0
MARKS INDICATE QUANTITY OF #12 AWG WIRES THERWISE, NO MARKS INDICATES 2#12 & 1#12 GND	©
IOTES HOT WIRE IOTES NEUTRAL WIRE IES GROUND WIRE	DS
	ER
	М
	M
ANSFER SWITCH	< <u>M</u> >
	Ν
	TM +
TION	MS
HASE FRACTIONAL OR INTEGRAL HORSEPOWER	L⊻ PM
	₽ ₽
JIT MONITOR	G
EAKER	Ŷ
NCY DRIVE	<b>€</b> ~~⊖+
	⊠—_() ⊠—_()
	Φ
CT SWITCH	
DNNECT SWITCH	<b>•</b>
RTER/DISCONNECT SWITCH	_
	_
TION	Ş
- AIR CIRCUIT BREAKER R	٤ <sup>3</sup>
	$\mathfrak{L}^{T}$
FUSED CH	٤ <sup>ab</sup>
MODULAR SPLICE	₽
EXISTING MODULAR SPLICE	
- UPPER CASE LETTER INDICATES LIGHT FIXTURE CASE LETTER INDICATES LIGHTING CONTROL ZONE.	
IGHT FIXTURE FED FROM GENERATOR.	⊨⊕ ⊦⊡ 🗇
- UPPER CASE LETTER INDICATES LIGHT FIXTURE CASE LETTER INDICATES LIGHTING CONTROL ZONE.	
IGHT FIXTURE FED FROM GENERATOR.	
JRE, DIMENSIONS PER PLANS - UPPER CASE LETTER IXTURE CALLOUT. LOWER CASE LETTER INDICATES L ZONE.	⊨⊕ ⊦ <mark>⊕</mark> ₪ ⊦⊙ ⊦⊙ ⊘
AR LIGHT FIXTURE, DIMENSIONS PER PLANS - LIGHT 1 GENERATOR.	HO HO O
IGHT FIXTURE, DIMENSIONS PER PLANS - UPPER CATES LIGHT FIXTURE CALLOUT. LOWER CASE LIGHTING CONTROL ZONE.	
UPPER CASE LETTER INDICATES LIGHT FIXTURE CASE LETTER INDICATES LIGHTING CONTROL ZONE.	
OVE FIXTURE - UPPER CASE LETTER INDICATES LOUT. LOWER CASE LETTER INDICATES LIGHTING	

DESCRIPTION	<u>ABBREVIATION</u> &	<u>DE</u> AN
DOWNLIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.	1/C @	SII AT
EMERGENCY DOWNLIGHT FIXTURE FED FROM GENERATOR.	A OR AMP A.C.	AN AS
PENDANT LUMINAIRE - UPPER CASE LETTER INDICATES LIGHT FIXTURE	ABV AF	AE AN
CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.	AFC AFF	AV AE
WALLWASH LIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING	AFG AIC	AE AN
CONTROL ZONE. WALL MOUNTED LIGHT FIXTURE - UPPER CASE LETTER INDICATES	AL APPROX.	AL AF
LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.	ARCH. AS	AF AN
EMERGENCY WALL MOUNTED LIGHT FIXTURE FED FROM GENERATOR.	ASCC	AV Alf
	ATO ATS	AL AL
BOLLARD LUMINAIRE	AUTO	AL AL
POST TOP LUMINAIRE	AWG B.S.	AN BA
POLE MOUNTED LUMINAIRE, SINGLE HEAD	BAT BEL	BA BE
POLE MOUNTED LUMINAIRE, DOUBLE HEAD	BKBD BKR	BA BF
POLE MOUNTED LUMINAIRE, TRIPLE HEAD	BLDG C	BL
POLE MOUNTED LUMINAIRE, QUAD HEAD	C.O. CB	C( Cl
IN GRADE LUMINAIRE	CC CKT	C( Cl
PATHWAY LUMINAIRE	CL CLG	CE
LANDSCAPE FIXTURE	CMU COL	
EXIT LIGHT FIXTURE WITH DIRECTIONAL ARROWS AS INDICATED.	CP CPT	
SHADED SIDE DENOTES NUMBER OF FACES	CR CSFD	C( C(
JUNCTION BOX	CT CU	Cl C(
PHOTOCELL FOR EXTERIOR APPLICATIONS	CW DIAG	C( DI
DAYLIGHT SENSOR - CEILING MOUNTED	DIS DIST.	DI DI
RELAY	DL DM	DA DI
EMERGENCY RELAY UL 924 COMPLIANT	DMM DP	DI DI
MOTION SENSOR - CEILING MOUNTED	DWG DWP	DF DE
MOTION SENSOR - CORNER OR WALL MOUNTED	EA ECM	E/ EL
MOTION SENSOR WITH AISLE/CORRIDOR LENS - CEILING MOUNTED	ELEC. EM	EL
COMBINATION MOTION AND DAYLIGHT SENSOR	EMH EMT	EL
LIGHTING CONTROL NETWORK DEVICE	EPO EPR	EN
DIGITAL TIMER SWITCH	EQUIP	E( E)
MOTION SENSOR SWITCH	EXIST/(E)	RE EX
	EXP FA	EX FII
LOW VOLTAGE SWITCH	FACP FATC	FII
DIMMER MASTER SWITCH	FFE FIN.	FII
DIGITAL DIMMING SWITCH	FIP. FIXT	FI
GRAPHICAL TOUCH SCREEN - LIGHTING CONTROL STATION	FLA FLR	FL
THERMOSTAT WITH A 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE	FLUOR	FL
MODULAR FURNITURE - BASE POWER WHIP FEED CONNECTION	FMC FO	FL FII
MODULAR FURNITURE - FLOOR BOX FEED CONNECTION	FT FTG	FE FC
MODULAR FURNITURE - POWER POLE FEED CONNECTION	GEN GFI	GI GI
20A, 125V MODULAR FURNITURE RECEPTACLE	GFR GG	GI GI
(TO BE PROVIDED AS PART OF THE FURNITURE)	GND HOA	GI HA
20A, 125V MODULAR FURNITURE RECEPTACLE (HALF) CONTROLLED RECEPTACLE	HP HT	HC He
(TO BE PROVIDED AS PART OF THE FURNITURE)	HTR HV	HE HI
LIGHTING CONTROL PANEL - SURFACE MOUNTED	HZ ICON	HE IN
PANELBOARD - RECESSED MOUNTED	IE	ne In
PANELBOARD - SURFACE MOUNTED	IED IMC	IN IN
DISTRIBUTION PANEL/ BOARD	INCAND ISC	IN S⊦
SINGLE POLE SWITCH, DEVICE SHALL BE MOUNTED +48" MAX AND +36" MIN FROM THE CENTER OF DEVICE:	J, JB, J-BOX KCMIL	JL TH
SWITCH 3-WAY (48" AFF MAXIMUM)	KV KVA	KI KI
		KI LII
TIMER SWITCH (48" AFF MAXIMUM)	IN THE EVENT . STANDARD AB	
DUAL SWITCH (48" AFF MAXIMUM)		
PUSHBUTTON SWITCH		
RECESSED ON WALL G=GFI, WP=WEATHERPROOF		
SURFACEG=GFI, WP=WEATHERPROOFFLOOR OR CEILINGC=CEILING		
FLOOR OR CEILING C=CEILING 20A, 125V DUPLEX RECEPTACLE MOUNTED +15" AFF, UNLESS OTHERWISE NOTED		
FLOOR OR CEILING C=CEILING 20A, 125V DUPLEX RECEPTACLE		

SPECIAL RECEPTACLE REFER TO DRAWINGS FOR NEMA CONFIGURATION JUNCTION BOX

RECESSED POKE-THROUGH RECESSED POKE-THROUGH - POWER/TEL/DATA RECESSED FLOOR BOX - POWER/TEL/DATA

20A, 125V DUPLEX RECEPTACLE FIRE RATED TYPE 

# ABBREVIATIONS

ARRKE	VIATIONS
ABBREVIATION	DESCRIPTION
&	AND
1/C	SINGLE CONDUCTOR
@ A OR AMP	AT AMPERES
A.C.	ASPHALT CONCRETE
ABV	ABOVE
AF AFC	AMPERE FUSE RATING AVAILABLE FAULT CURRENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AL APPROX.	ALUMINUM APPROXIMATE
ARCH.	ARCHITECT; ARCHITECTURAL
AS	AMPERE SWITCH RATING
ASCC	AVAILABLE SHORT CIRCUIT CURRENT
ATC ATO	AIR TERMINAL CHAMBER AUTOMATIC THROW-OVER (SWITCH)
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX AWG	AUXILIARY AMERICAN WIRE GAUGE
B.S.	BARE STRANDED
BAT	BATTERY
BEL	BELOW
BKBD	BACKBOARD
BKR BLDG	BREAKER BUILDING
C	CONDUIT
C.O.	CONDUIT ONLY WITH PULL WIRE
CB	
CC CKT	CONSTANT CURRENT CIRCUIT
CL	CENTER LINE
CLG	CEILING
CMU COL	CONCRETE MASONRY UNIT COLUMN
CP	COMMUNICATION PROCESSOR
CPT	CONTROL POWER TRANSFORMER
CR	CONTROL RELAY
CSFD CT	COMBINATION SMOKE FIRE DAMPER CURRENT TRANSFORMER
CU	COPPER
CW	COLD WATER
DIAG	DIAGRAM
DIS DIST.	DISCONNECT DISTANCE
DL	DAMP LOCATION LISTING
DM	DIGITAL METER
DMM	DIGITAL METER MODULE
DP DWG	DISTRIBUTION PANEL DRAWING
DWP	DEPARTMENT OF WATER & POWER
EA	EACH
ECM FLFC	ELECTRIC CIRCUIT MONITOR ELECTRICAL
ELLO. EM	EMERGENCY
EMH	ELECTRICAL MANHOLE
EMT	ELECTRICAL METALLIC TUBING
EPO EPR	EMERGENCY POWER OFF ETHYLENE PROPYLENE RUBBER
EQUIP	EQUIPMENT
ERR	EXISTING TO BE RELOCATED AND
EXIST/(E)	RECONNECTED EXISTING
EXP	EXPLOSION PROOF
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FATC FFE	FIRE ALARM TERMINAL CABINET FINISHED FLOOR ELEVATION
FIN.	FINISH
FIP.	FIELD INTERFACE PANEL
FIXT FLA	FIXTURE FULL LOAD AMPS
FLA	FLOOR
FLUOR	FLUORESCENT
FMC	FLEXIBLE METAL CONDUIT
FO FT	FIBER OBTIC FEET
FTG	FOOTING
GEN	GENERATOR
GFI	GROUND FAULT INTERRUPTER
GFR GG	GROUND FAULT RELAY GREEN GROUND
GND	GROUND
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HT HTR	HEIGHT HEATER
HV	HIGH VOLTAGE
HZ	HERTZ
ICON	INTEGRATED COMMUNICATIONS OPTICAL
IE	INVERT ELEVATION
IED	INTELLEGENT ELECTRONIC DEVICE
	INTERMEDIATE METAL CONDUIT
INCAND ISC	INCANDESCENT SHORT CIRCUIT CURRENT
	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MILS
KV	
KVA KW	KILOVOLT-AMPERES KILOWATT
LF	LINEAR FEET
	ABBREVIATIONS NOT MENTIONED HEREIN ARE BREVIATIONS AND OTHER STANDARD INDUSTR

LED STRIP LIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING

WEATHERPROOF IMPEDANCE

W/O WP

ABBREVIATION	
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
LGST	
LIS LOC.	LOAD INTERRUPTER SWITCH
LOTO	LOCK-OUT & TAG-OUT
LSI	LONG TERM, SHORT TERM,
	INSTANTANEOUS
LSIG	LONG TERM, SHORT TERM, INSTANTANEOUS GROUNDING
LTG	LIGHTING
LV	LOW VOLTAGE
Μ	METER
MAX	
MCA MCC	MINIMUM CIRCUIT AMPS MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MFGR, MFR	MANUFACTURER
MH	MANHOLE
MI.	MECHANICAL INTERLOCK
MIN MOCP	MINIMUM MAXIMUM OVERCUBBENT PROTECTION
MRCT	MULTI-BATIO CURRENT TRANSFORMER
MTD	MOUNTED
MTG	MOUNTING
MTR	MOTOR
MTTB MV	MAIN TELEPHONE TERMINAL BOARD MEDIUM VOLTAGE
N	NORTH
NAC	NOTIFICATION APPLIANCE CIRCUIT
NC	NORMALLY CLOSED
NEC NF	NATIONAL ELECTRICAL CODE
	NON-FUSED NOT IN CONTRACT
NL	NIGHT LIGHT- 24HRS ON
NO.	NUMBER
00	
OCPD OD	OVERCURRENT PROTECTIVE DEVICE
OE	OVERHEAD ELECTRICAL
OFC	OIL FUSED CUTOUT
OH	OVER HEAD
OL	OIL LEVER SWITCH
P PAC	POLE PROGRAMMABLE AUTOMATION
17.0	CONTROLLER
PB	PULL BOX
PC PCB	PHOTOCELL POLYCHLORINATED BIPHENYL
PDS	PRESSURE DIFFERENTIAL SWITCH
PF	POWER FACTOR
PH OR Ø	PHASE
PILC PIV	PAPER INSULATED, LEAD COVER POST INDICATING VALVE
PL	PLATE
PLC	PROGRAMMABLE LOGIC CONTROLLER
PNL	PANEL
POC PREF.	POINT OF CONNECTION PREFERRED
PRI.	PRIMARY
PVC	POLY-VINYL CHLORIDE
PWR	POWER
REC/RECEPT	
REQ'D RGS	REQUIRED RIGID GALVANIZED STEEL
RM	ROOM
RMC	RIGID METAL CONDUIT
RPBP	REDUCED PRESSURE BACK FLOW PREVENTER
RTAC	REAL TIME AUTOMATION CONTROLLER
SCCR	SHORT CIRCUIT CURRENT RATING
SCE	SOUTHERN CALIFORNIA EDISON
SF SHT	SQUARE FEET SHEET
SHI SIG.	SHEET SIGNAL
SP	SPARE
SPECS	SPECIFICATIONS
ST	STREET
STD STP	STANDARD SHIELDED TWISTED PAIR
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SWST T.O.D.	SWITCHING STATION TOP OF DUCTBANK
T.O.M.	TOP OF MANHOLE
ТВ	TERMINAL BLOCK
TEL./TELE	
TMH TPS	TELEPHONE MANHOLE TWISTED SHIELDED PAIR
	TRANSFORMER
TS	TAMPER SWITCH
TYP	
UG UON	UNDERGROUND UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPERES
VB	VIBRATION SWITCH
VFD W	VARIABLE FREQUENCY DRIVE WATTS
W/	WITH
W/O	WITHOUT

# GENERAL NOTES

- 1. ALL WORK SHALL COMPLY WITH THE 2022 EDITION OF THE CALIFORNIA ELECTRICAL CODE AND ALL OTHER APPLICABLE FEDERAL AND STATE. WHERE THE CONSTRUCTION DOCUMENTS INDICATE MORE RESTRICTIVE REQUIREMENTS. THE CONSTRUCTION DOCUMENTS SHALL GOVERN BUT THE CONSTRUCTION DOCUMENTS SHALL NOT BE INTERPRETED AS AUTHORITY TO VIOLATE ANY CODE OR REGULATION.
- 2. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE UNDERWRITERS' LABEL (UL) AND SHALL BE INSTALLED IN THE MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.
- 3. THE CONTRACTOR SHALL NOT BORE, NOTCH OR IN ANY WAY CUT INTO ANY STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT OR STRUCTURAL ENGINEER.
- 4. MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT ANCHORAGE NOTES:
- ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCES AND DISPLACEMENT REQUIREMENTS.
  - A. ALL PERMANENT EQUIPMENT AND COMPONENTS.
  - B. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
  - C. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.
- THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENT SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.
- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.
- FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.
- 5. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTES:

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN LATEST SECTIONS OF CBC AND ASCE. THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPM #) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

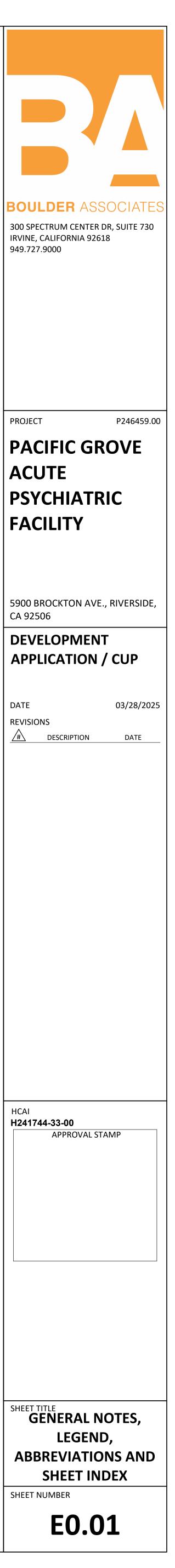
COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

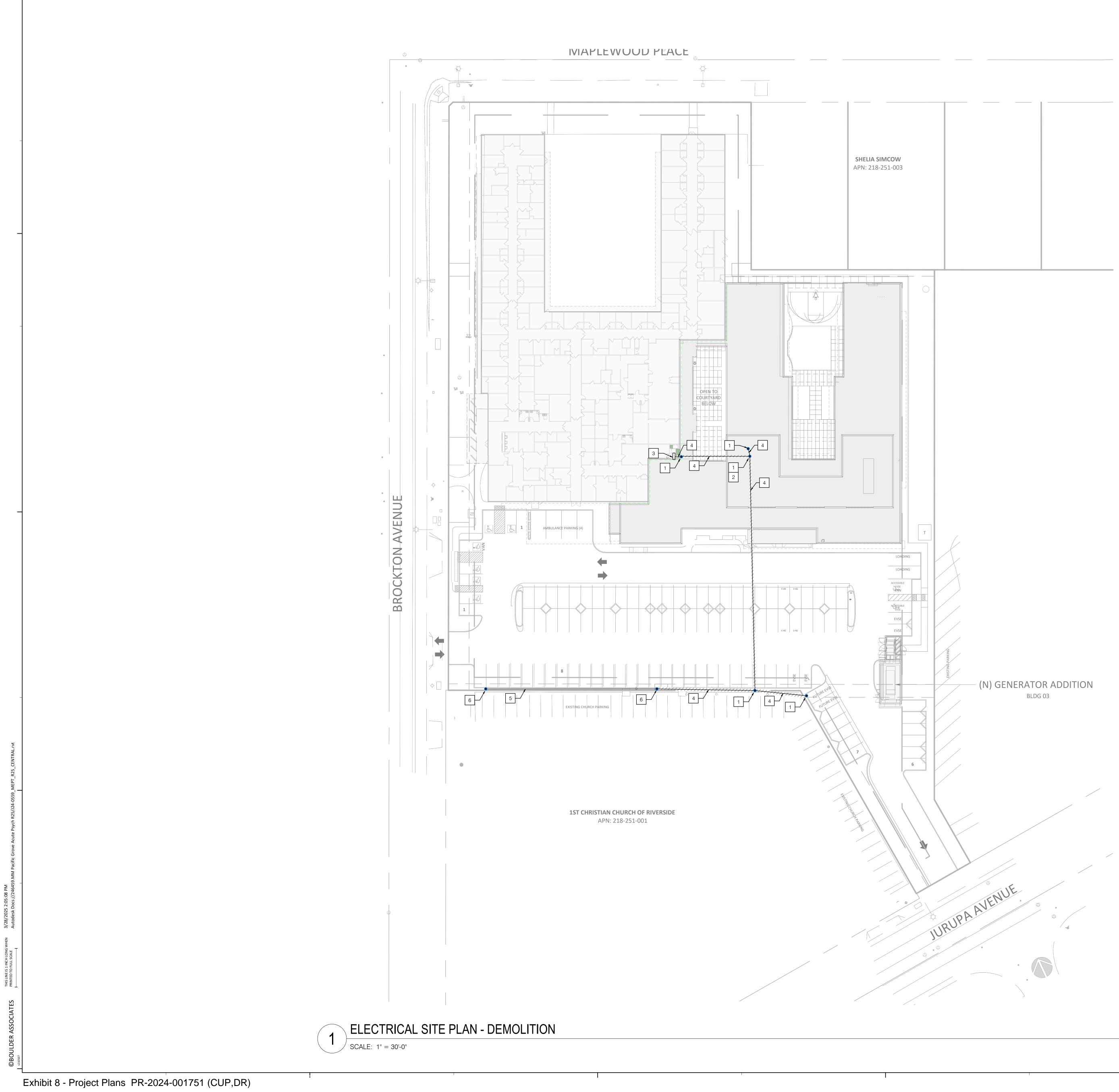
## SHEET INDEX

<u>SHEET</u>	DESCRIPTION
E0.01	GENERAL NOTES, LEGEND, ABBREVIATIONS AND SHEET INDEX
E1.01	ELECTRICAL SITE PLAN - RENOVATION
E2.01	FIRST FLOOR POWER PLAN
E4.01	ENLARGED PLANS
E5.01	SINGLE LINE DIAGRAM
E6.01	DETAILS
ED1.01	ELECTRICAL SITE PLAN - DEMOLITION

ATIONS NOT MENTIONED HEREIN ARE USED, REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY IATIONS AND OTHER STANDARD INDUSTRY CONVENTIONS.







## NOTES

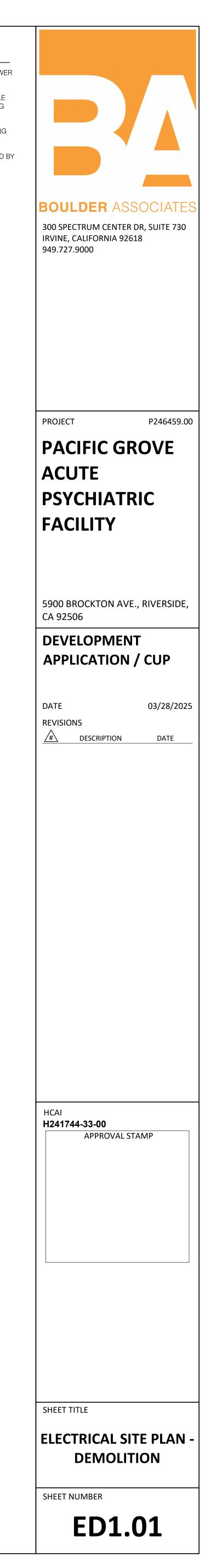
1 RIVERSIDE PUBLIC UTILITIES TO DEM POLE.	MOLISH EXISTING
2 RIVERSIDE PUBLIC UTILITIES TO DEN MOUNTED UTILITY TRANSFORMER F BUILDING MAIN SERVICE SWITCHBC	EEDING THE EXIS
3 EXISTING MAIN SERVICE SWITCHBO BUILDING. METER #336366679	ARD SERVING EXIS
4 EXISTING OVERHEAD UTILITY CABLE RIVERSIDE PUBLIC UTILITIES.	ES TO BE DEMOLIS
5 EXISTING OVERHEAD UTILITY CABLE	ES TO REMAIN.
6 EXISTING UTILITY POLE TO REMAIN.	

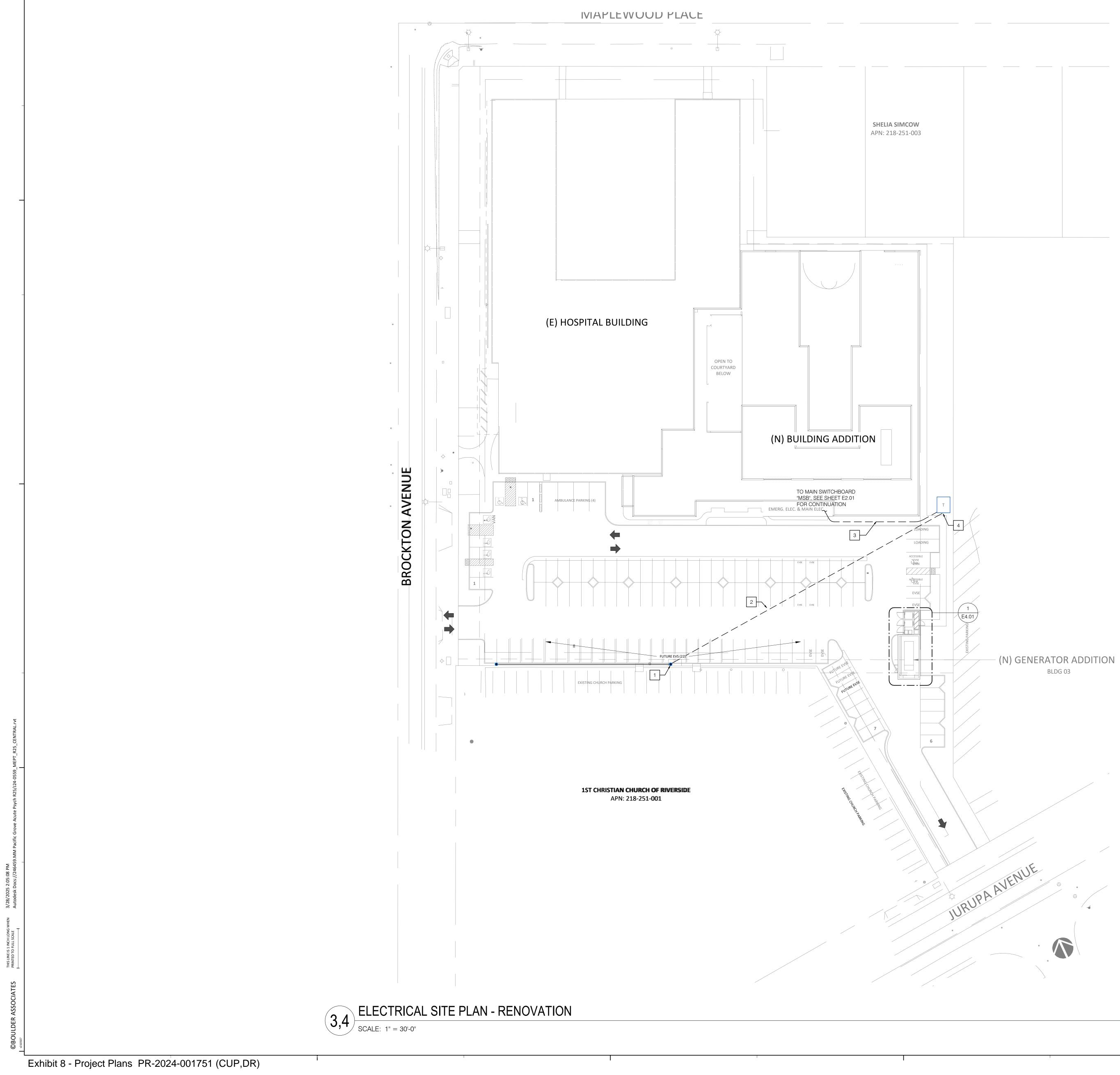
G POWER

G POLE STING

(ISTING

SHED BY





## NOTES

- 1 EXISTING UTILITY POLE TO FEED THE NEW UTILITY PAD MOUNT TRANSFORMER.
- 2 PROVIDE UNDERGROUND CONDUITS TO FEED NEW UTILITY TRANSFORMER FROM EXISTING POWER POLE. MEDIUM VOLTAGE CABLES PROVIDED BY UTILITY.
- 3 PROVIDE UNDERGROUND CONDUITS ONLY TO NEW 2000A MAIN SERVICE SWITCHBOARD. 208Y/120V CABLES PROVIDED BY UTILITY.
- 4 PROVIDE CONCRETE PAD FOR PAD MOUNT TRANSFORMER MEETING RIVERSIDE PUBLIC UTILITY REQUIREMENTS. PAD MOUNT TRANSFORMER PROVIDED BY RIVERSIDE PUBLIC UTILITIES.

