# ADOLFO CAMARILLO HIGH SCHOOL SITE SECURITY IMPROVEMENTS

# GENERAL NOTES

- 1. ANY DIFFERENCE BETWEEN THE EXISTING CONSTRUCTION AS OBSERVED IN THE FIELD AND AS SHOWN ON THE DRAWINGS SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- 2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND COORDINATING ALL DIMENSIONS REVIEW BUILDING LAYOUT WITH ARCHITECT BEFORE STARTING ANY FOOTING
- 3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL SITE CONDITIONS REGARDLESS OF INFORMATION SHOWN ON THE DRAWINGS. DISCREPANCIES BETWEEN CONDITIONS SHOWN OR NOT SHOWN ON DRAWINGS AND ACTUAL EXISTING VISIBLE, DISCERNABLE CONDITIONS AT THE JOB SITE, DO NOT RELIEVE THE CONTRACTOR FROM PERFORMING THE WORK OF THIS CONTRACT IN FULL CONFORMANCE WITH THE CONTRACT DOCUMENTS.
- 4. IT SHALL BE THE RESPONSIBILTY OF THE GENERAL CONTRACTOR TO INSURE THAT ALL APPLICABLE SAFETY LAWS ARE STRICTLY ENFORCED AND TO MAINTAIN A SAFE CONSTRUCTION PROJECT.
- 5. BIDDERS MUST VISIT THE BUILDING SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS TO PROVIDE A PROJECT COMPLETE IN EVERY DETAIL AND READY FOR OCCUPANCY. DISCREPANCIES OR DELETIONS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE THE BID DATE FOR CORRECTION.
- 6. ANY DAMAGE DONE TO THE EXISTING SITE OR FACILITIES DURING THE COURSE OF THE WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE WITH NO ADDITIONAL COST TO THE DISTRICT.
- 7. BIDDERS SHALL ASSUME THAT ALL ITEMS INDICATED ON THE DRAWINGS ARE NEW CONSTRUCTION IF NOT INDICATED WITH AN (N) OR "NEW", UNLESS INDICATED AS "(E)" OR "EXISTING".
- 8. ALL NEW WORK SHALL MATCH EXISTING IN KEEPING WITH GOOD CONSTRUCTION PRACTICE. IT IS THE INTENT OF THESE DOCUMENTS THAT THE PORTION OF THE SURFACE WHICH HAS BEEN INSTALLED, REPAIRED OR REPLACED, SHALL MATCH THE EXISTING ADJACENT SURFACES, AND THAT THE NEW WORK WILL NOT BE DISCERNABLE FROM THE EXISTING.
- 9. WHERE MINIMUM DIMENSIONS ARE INDICATED, EXISTING DIMENSIONS IN EXCESS OF THAT SHOWN MAY BE RETAINED UNLESS OTHERWISE NOTED.
- 10. CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ALL OMISSIONS AND CONFLICTS BETWEEN THE ELEMENTS OF THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THE WORK INVOLVED.
- 11. CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, LANDSCAPE SITE FEATURES TO REMAIN. ALL DAMAGED WORK SHALL BE REPLACED WITH THE SAME MATERIALS, INCLUDING MATCHING THE EXISTING COLORS AND TEXTURES BY THE CONTRACTOR AT HIS OWN EXPENSE WITH NO ADDITIONAL COST TO THE DISTRICT.
- 12. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

# **GENERAL REQUIREMENTS:**

- A 'DSA CERTIFIED' PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR).
- 2. A 'DSA CERTIFIED' INSPECTOR WITH CLASS 3 CERTIFICATION IS REQUIRED FOR THIS

# APPLICABLE CODES

CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING:

PART 1 2016 CALIFORNIA ADMINISTRATIVE CODE (CAC), TITLE 24 C.C.R. 2016 CALIFORNIA BUILDING CODE (CBC), TITLE 24 C.C.R.

2016 CALIFORNIA ELECTRICAL CODE (CEC), TITLE 24 C.C.R. 2016 CALIFORNIA MECHANICAL CODE (CMC), TITLE 24 C.C.R.

2016 CALIFORNIA PLUMBING CODE (CPC), TITLE 24 C.C.R.

2016 CALIFORNIA ENERGY CODE, TITLE 24 C.C.R.

2016 CALIFORNIA HISTORICAL BUILDING CODE, TITLE 24 C.C.R. 2016 CALIFORNIA FIRE CODE (CFC), TITLE 24, C.C.R.

PART 10 2016 CALIFORNIA EXISTING BUILDING CODE (CEBC), TITLE 24, C.C.R.

2016 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), TITLE 24, C.C.R. PART 12 2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24, C.C.R.

# PARTIAL LIST OF APPLICABLE STANDARDS:

NFPA 13 AUTOMATIC SPRINKLER SYSTEMS (CALIFORNIA AMENDED) 2016 EDITION NFPA 14 STANDPIPE SYSTEMS (CALIFORNIA AMENDED) 2013 EDITION NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 2013 EDITION NFPA 17A WET CHEMICAL EXTINGUISHING SYSTEMS 2013 EDITION NFPA 20 STATIONARY PUMPS 2016 EDITION NFPA 24 PRIVATE FIRE SERVICE MAINS (CALIFORNIA AMENDED) 2016 EDITION NFPA 72 NATIONAL FIRE ALARM & SIGNALING CODE (CA. AMENDED) NFPA 80 FIRE DOOR AND OTHER OPENING PROTECTIVES 2016 EDITION NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2015 EDITION NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEM (CA. AMENDED) 2015 EDITION

NATIONAL REFERENCE STANDARDS: AISC SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS (ANSI/AISC 341-10) AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (ANSI/AISC 360-10) NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION (ANSI/AWS NDS 2015)

ACI-318-14 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

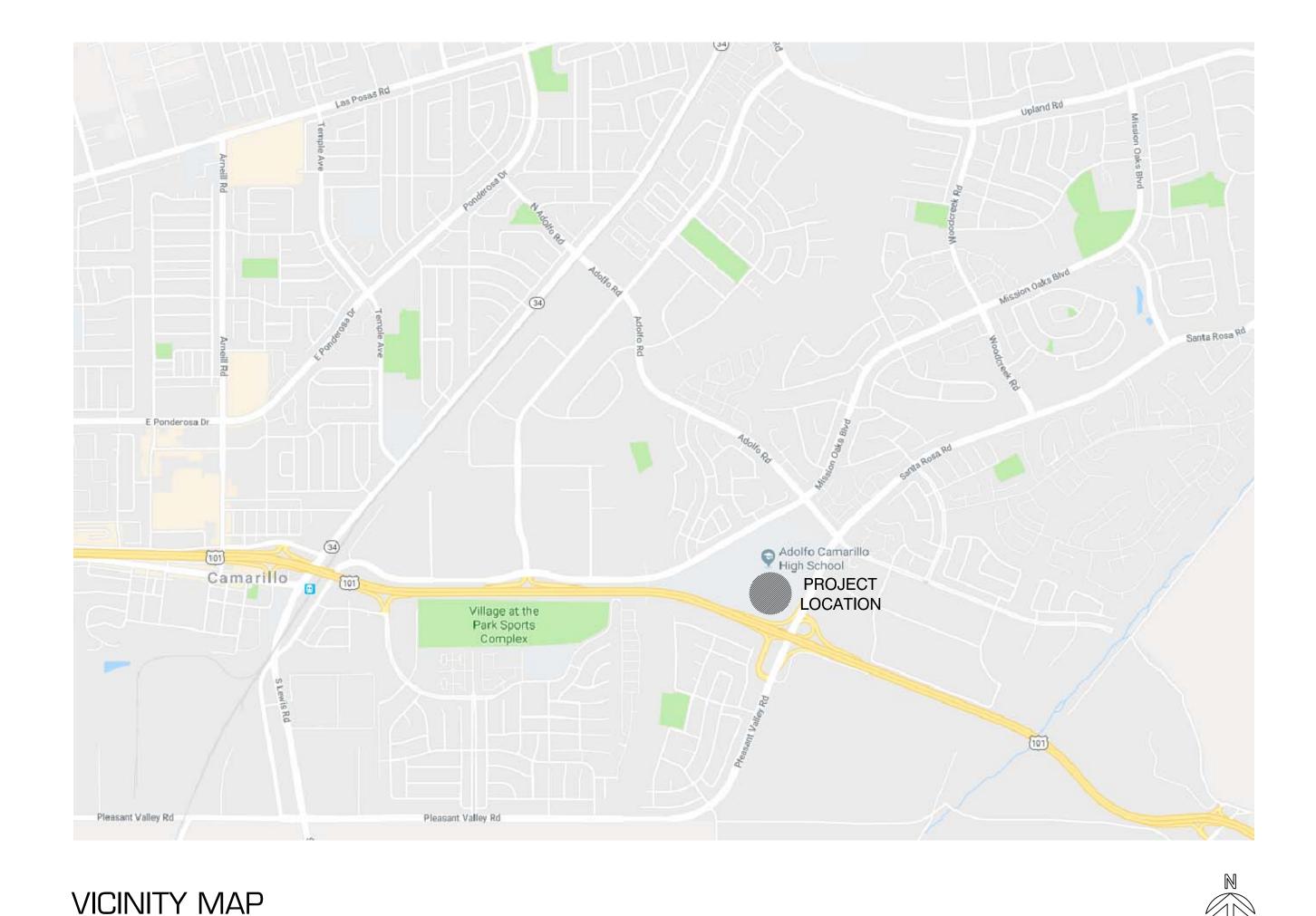
# STATE BUILDING CODE

(Part 1, Title 24, C.C.R.)

"The intent of these drawings and specification is that the work of the alteration, rehabilitation or reconstruction is to be in accordance with Title 24, California Code of Regulations. Should any existing conditions such as deterioration or noncomplying construction be discovered which is not covered by the contract documents wherein the finished work will not comply with Title 24, California Code of Regulations, a change order, or a separate set of plans and specifications, detailing and specifying the required work shall be submitted to and approved by the Division of the State Architect before proceeding with the work"

Changes to the approved drawings and specifications shall be made by an addenda or a construction change document (CCD) approved by the Division of the State Architect, as required by Section 4-338,

# 4660 MISSION OAKS BLVD, CAMARILLO, CA 93012



# **ABBREVIATIONS**

**EXPANSION JOINT** 

FACE OF CONCRETE

FACE OF FINISH

FACE OF STUD

FIELD NAILING

FINISH (ED)

FIN FLR FINISH FLOOR

FACE OF MASONRY

FOM FOS

FN

BV FF OJ /C _T _UM B	AIR CONDITIONING ALTERNATE ALUMINUM ANCHOR BOLT AND ANGLE ANODIZED APPROXIMATE	FG FIXT FLASH FHMS FHWS FLR FLUOR FT FTG FND FURR	FINISH GRADE FIXTURE FLASHING FLATHEAD MACHINE SCREW FLATHEAD WOOD SCREW FLOOR (ING) FLUORESCENT FOOT OR FEET FOOTING FOUNDATION FURRING
RCH SPH C JTO	ARCHITECT (URAL) ASPHALT ASPHALT CONCRETE AT AUTOMATIC	GA GALV GND GYP	GAGE / GAUGE GALVANIZED GROUND GYPSUM
M LKG D OT N LDG UR	BEAM BLOCKING BOARD BOTTOM BOUNDARY NAILING BUILDING BUILT UP ROOFING	HDW HDR HTG HVAC HT HC HM	HARDWARE HEADER HEATING HEATING VENTILATING & AIR CONDITIONING HEIGHT HOLLOW CORE
AB PT LG EM ER	CABINET CARPET (ED) CEILING CEMENT CENTERLINE CERAMIC	HOR ICV ID INSUL INT	HOLLOW METAL HORIZONTAL IRRIGATION CONTROL VALVE INSIDE DIAMETER INSULATION INTERIOR
IR OL ONC MU ONN ONST J ONT ISK	COUNTER SIŃK	JAN L LAB LAM LAV LB LF LT LVR	JANITOR  LENGTH/LONG  LABORATORY  LAMINATE (D)  LAVATORY  POUND  LINEAR FEET  LIGHT  LOUVER
EM ET AG A M V R BL N WG F	DEMOLISH / DEMOLITION DETAIL DIAGONAL DIAMETER DIMENSION DIVISION DOOR DOUBLE DOWN DRAWING DRINKING FOUNTAIN/ DOUGLAS FIR	MB MH MFR MAT MAX MECH MBR MTL MIN MTD MTG	MACHINE BOLT MANHOLE MANUFACTURE (R) MATERIAL (S) MAXIMUM MECHANIC (AL) MEMBER METAL MINIMUM MOUNT (ED) MOUNTING
LEC LEV NCL QUIP	EACH EAST ELECTRIC (AL) ELEVATOR / ELEVATION ENCLOSE (URE) EQUAL EQUIPMENT	NAT (N) N NIC NOM NTS #	NATURAL NEW NORTH NOT IN CONTRACT NOMINAL NOT TO SCALE NUMBER
(CA (H :) (P	EXCAVATE EXHAUST EXISTING EXPANSION	OC OD OPNG OPP	ON CENTER (S) OUTSIDE DIAMETER OPENING OPPOSITE

OPPOSITE

OVER

PANEL

PARKING

**PARTITION** 

PAVEMENT

PERIMETER

PERFORATE (D)

PKG

PLASTIC LAMINATE PLYWOOD POINT OF CONNECTION POLYVINYL CHLORIDE POUNDS PER CUBIC FOOT POUNDS PER SQUARE FOOT PRESSURE TREATED REFERENCE REFRIGERATOR REGISTER REINFORCED REQ'D REQUIRED RESIL RESILIENT RETAINING RETURN AIR ŔĖV REVISION(S) / REVISED ROOF DRAIN ROOFING ROUGH OPENING ROUND HEAD MACHINE SCREW ROUND HEAD WOOD SCREW **SHEATHING** SHEET METAL SCREW SHOWER SIMILAR SOLID CORE SPEAKER SPECIFICATION (S) STAINLESS STEEL STD STANDARD STORAGE STRUCT STRUCTURE / STRUCTURAL SUSP SYS SUSPENDED SYSTEM **TELEVISION** THICK (NESS) TOP OF PAVEMENT TOP OF STEEL TOP OF WALL TOP OF... TUBULAR STEEL TYPICAL UON UNLESS OTHERWISE NOTED **VERT** VERTICAL

VERTICAL GRAIN

WATER CLOSET

WATER HEATER

WATERPROOF (ING)

WATER RESISTANT

WAINSCOT

WEIGHT

WINDOW

WITHOUT

WOOD

WITH

WDW

VINYL COMPOSITION TILE

WEST / WOMEN / WIDE

SYMBOLS LEGEND KEY NOTE SYMBOLS (1) (DEMO) ROOM NUMBER (SEE ROOM LEGEND) DOOR NUMBER-SEE DOOR AND FRAME SCHEDULE WINDOW NUMBER-SEE WINDOW SCHEDULE WALL TYPE -WALL TYPE NOTE (MODIFIES WALL TYPE)

ACCESSIBLE WHEELCHAIR SPACE, 30"W x 48"D CLEAR FLOOR SPACE. 27"H CLEAR KNEE SPACE MIN. 34"H MAX. TO TOP OF TABLE/COUNTER. 60" DIAMETER CLEAR

WHEELCHAIR TURNING CIRCLE

INDICATES REQUIRED CLR. FLR SPACE AT DOOR OPENINGS.

REVISION MARK

# SHEET INDEX

GENERAL G-001 TITLE SHEET

ARCHITECTURAL A-100 SITE PLAN SITE DETAILS

A-101 EXISTING RESTROOM PLANS A-200 BUILDING 'Q' OVERALL FLOOR PLAN A-201 ENLARGED DEMO PLAN ENLARGED NEW FLOOR PLAN INTERIOR ELEVATION

A-401 DOOR SCHEDULE A-402 ROOM FINISH SCHEDULE A-600 REFLECTED CEILING PLAN A-800 DETAILS

ELECTRICAL FA-100 FIRE ALARM CALCULATIONS SHEET FA-200 FIRE ALARM DEMO PLAN FIRE ALARM PLAN

FA-300 FIRE ALARM DATA SHEETS

TOTAL SHEET COUNT: 12

# PROJECT TEAM

KRUGER BENSEN ZIEMER ARCHITECTS, INC. 199 FIGUEROA STREET, SUITE 100A, VENTURA, CA 93001 OFFICE: (805) 650-1033

PRINCIPAL-IN-CHARGE: TODD A. JESPERSEN, AIA EMAIL ADDRESS: toddj@kbzarch.com

PROJECT TEAM:

JONATHAN D. LEE EMAIL ADDRESS: jonathanl@kbzarch.com PATRICK PANLAQUI

EMAIL ADDRESS: patrickp@kbzarch.com

**ELECTRICAL ENGINEER** C. HOOD & ASSOCIATES, INC. 858 EAST FRONT STREET, VENTURA, CA 93001

OFFICE: (805) 641-4012 ENGINEER: CRAIG HOOD EMAIL ADDRESS: craig@choodassociates.com

# PROJECT DATA

PROJECT LOCATION: 4660 MISSION OAKS BLVD, CAMARILLO, CA 93012 FIRE DISTRICT : COUNTY OF VENTURA BUILDING OCCUPANCY : B BUILDING CONSTRUCTION TYPE: V-B (NON SPRINKLERED) ACTUAL LOBBY AREA: 200 SQ. FT.

# PROJECT SCOPE

NO NEW SQUARE FOOTAGE

THE PROJECT IS TO PROVIDE A SECURED ADMINISTRATION RECEPTION AREA BY INSTALLING A PERMANENT WALL WITH A SECURITY WINDOW BETWEEN THE LOBBY AND THE RECEPTION AREA. SCOPE OF WORK INCLUDES DEMOLITION, FRAMING, FINISHING, AND ASSOCIATED ELECTRICAL WORK

OWNER

OXNARD UNION HIGH SCHOOL DISTRICT 309 S. "K" STREET, OXNARD, CA 93030 OFFICE: (805) 385-2500

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KRUGER BENSEN ZIEMER

ARCHITECTS, INC. 199 FIGUEROA ST, SUITE 100A VENTURA CA 93001 TELEPHONE (805) 650-1033 TODD A. JESPERSEN, AIA

JONATHAN D. LEE ARCHITECTURAL ASSISTANT All ideas, design arrangements and plans indicated or represented by this

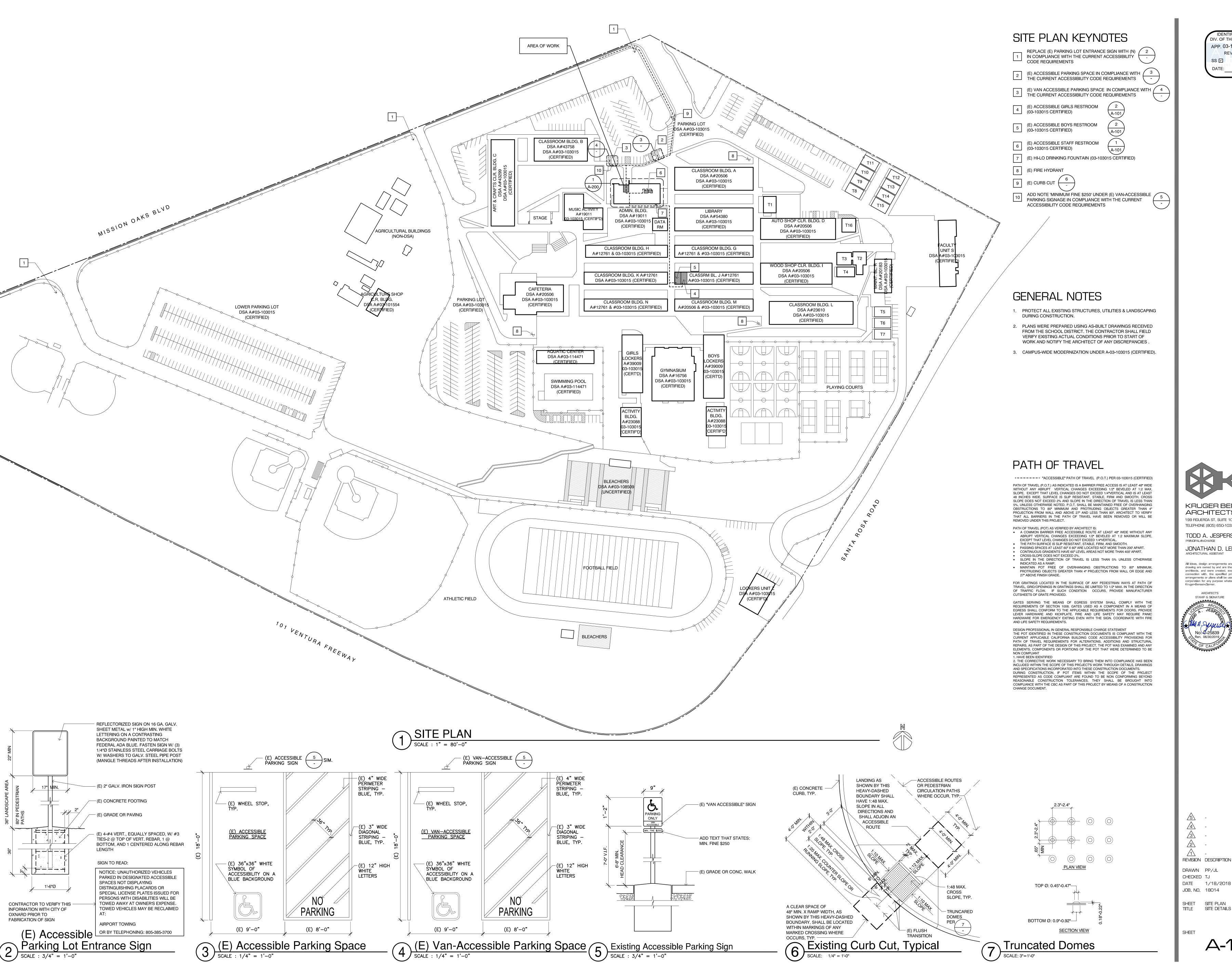
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SHEET TITLE SHEET TITLE

JOB. NO. 18014



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199 FIGUEROA ST, SUITE 100A VENTURA CA 93001 TELEPHONE (805) 650-1033

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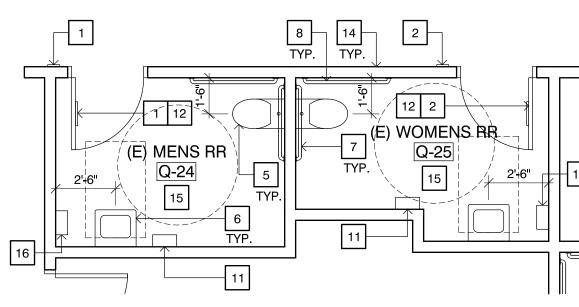
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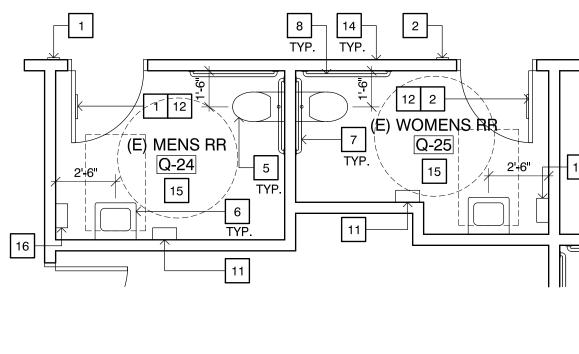
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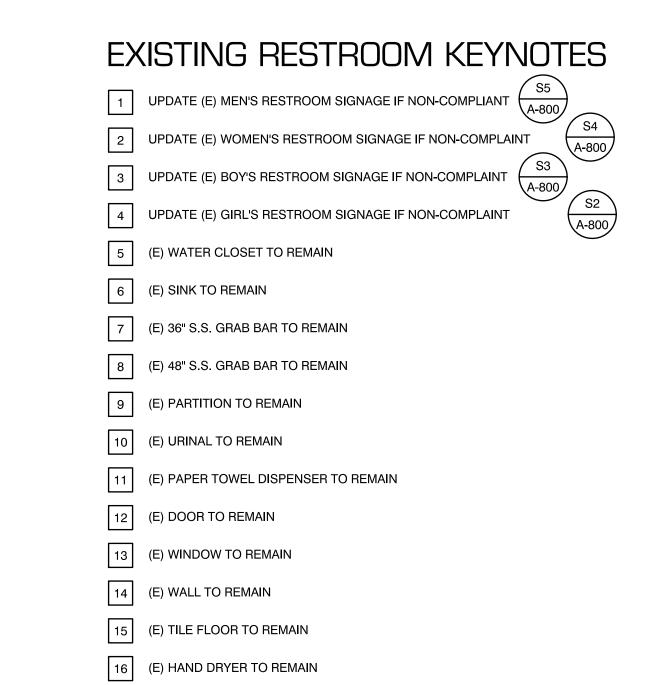
SHEET A-100



1 EXISTING STAFF RESTROOMS

SCALE: 1/4" = 1' - 0"







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6 TYP. (É) GIRLS TOILET (É) BOYS TOILET (E) CUSTODIAN 12 3 6'-3" 3 — 14 — TYP. 4 12

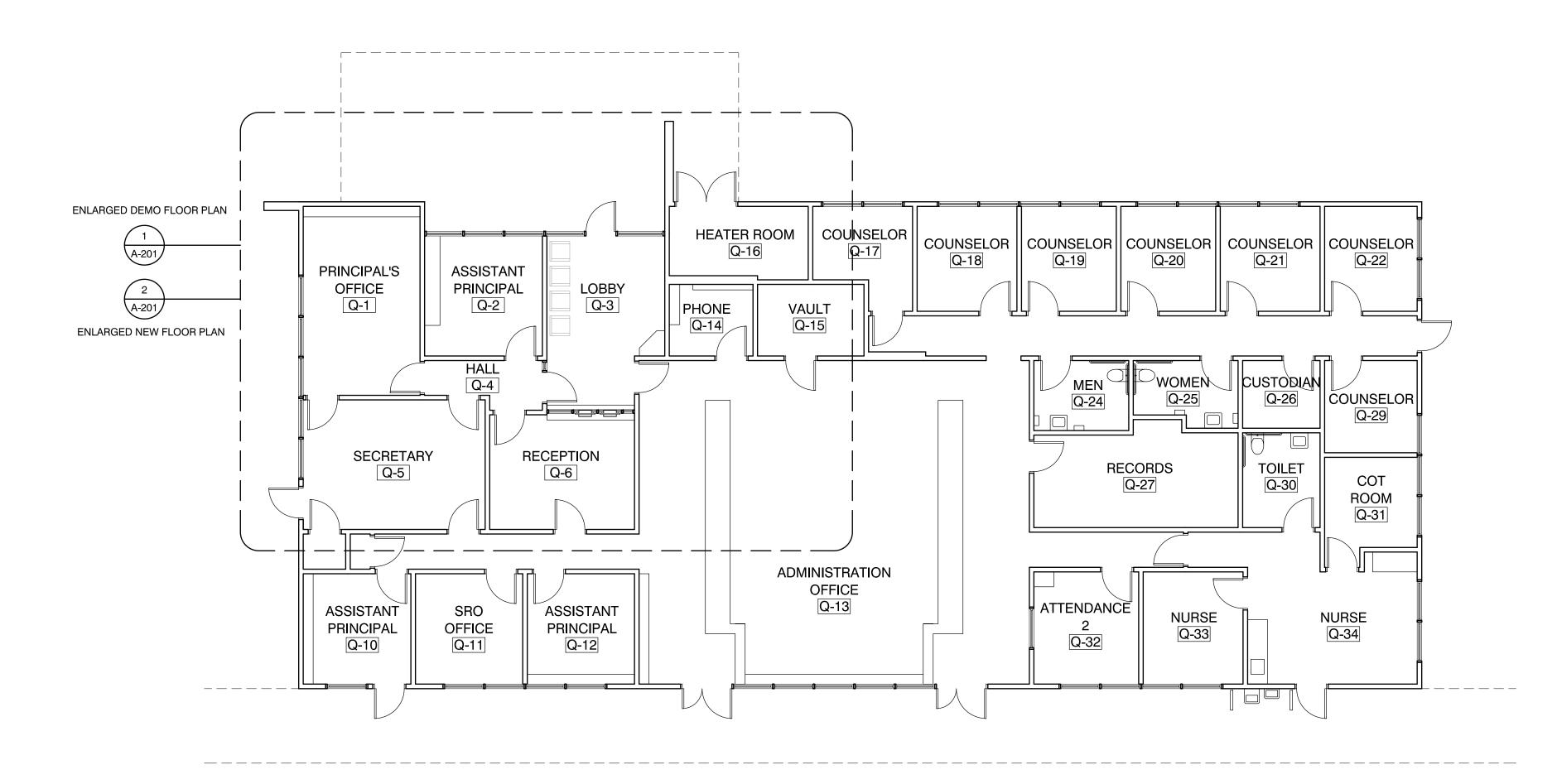
EXISTING BOYS & GIRLS RESTROOMS

SCALE: 1/4" = 1' - 0"



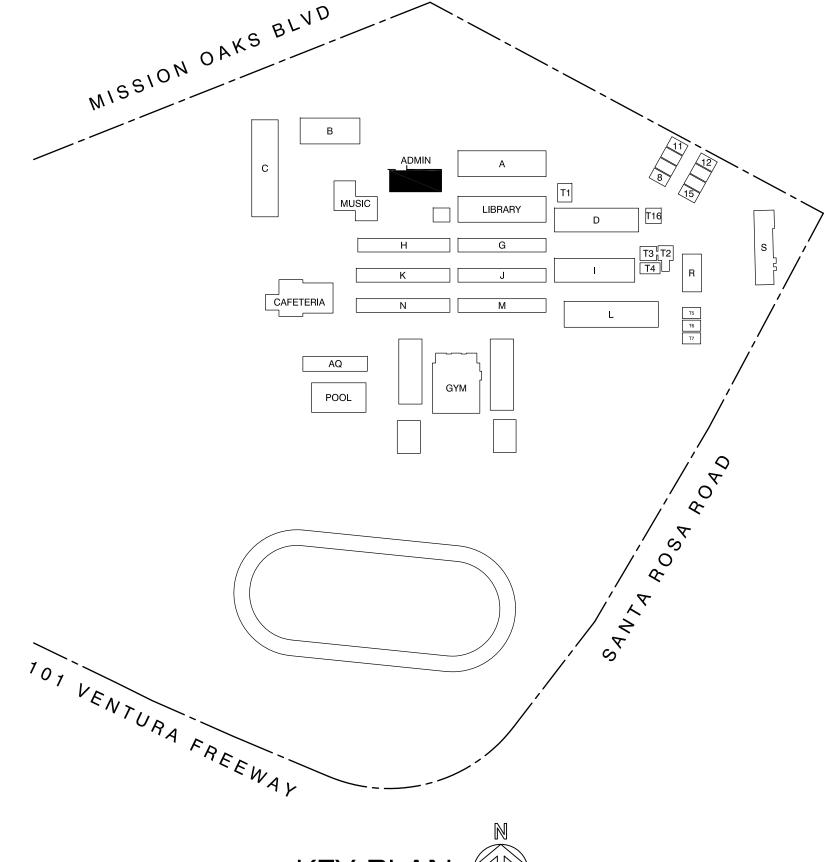
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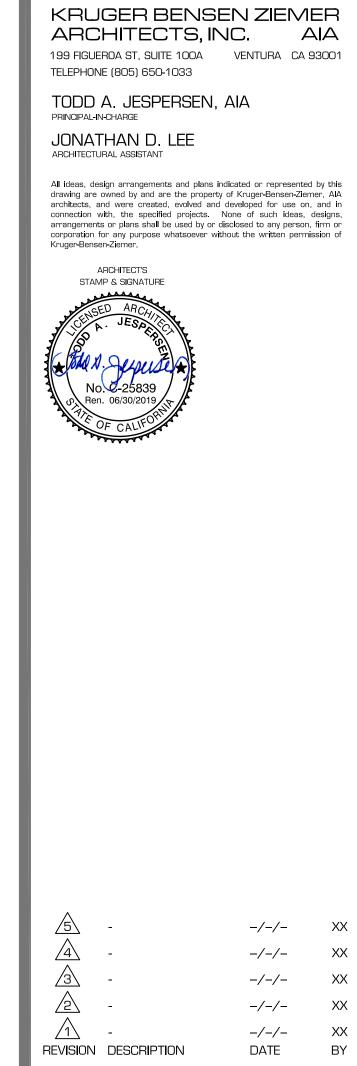
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BUILDING 'Q' OVERALL FLOOR PLAN

SCALE: 1/8" = 1'-0"





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SHEET BUILDING 'Q' OVERALL FLOOR PLAN TITLE

A-200

DXNARD UNION HIGH SCHLECT

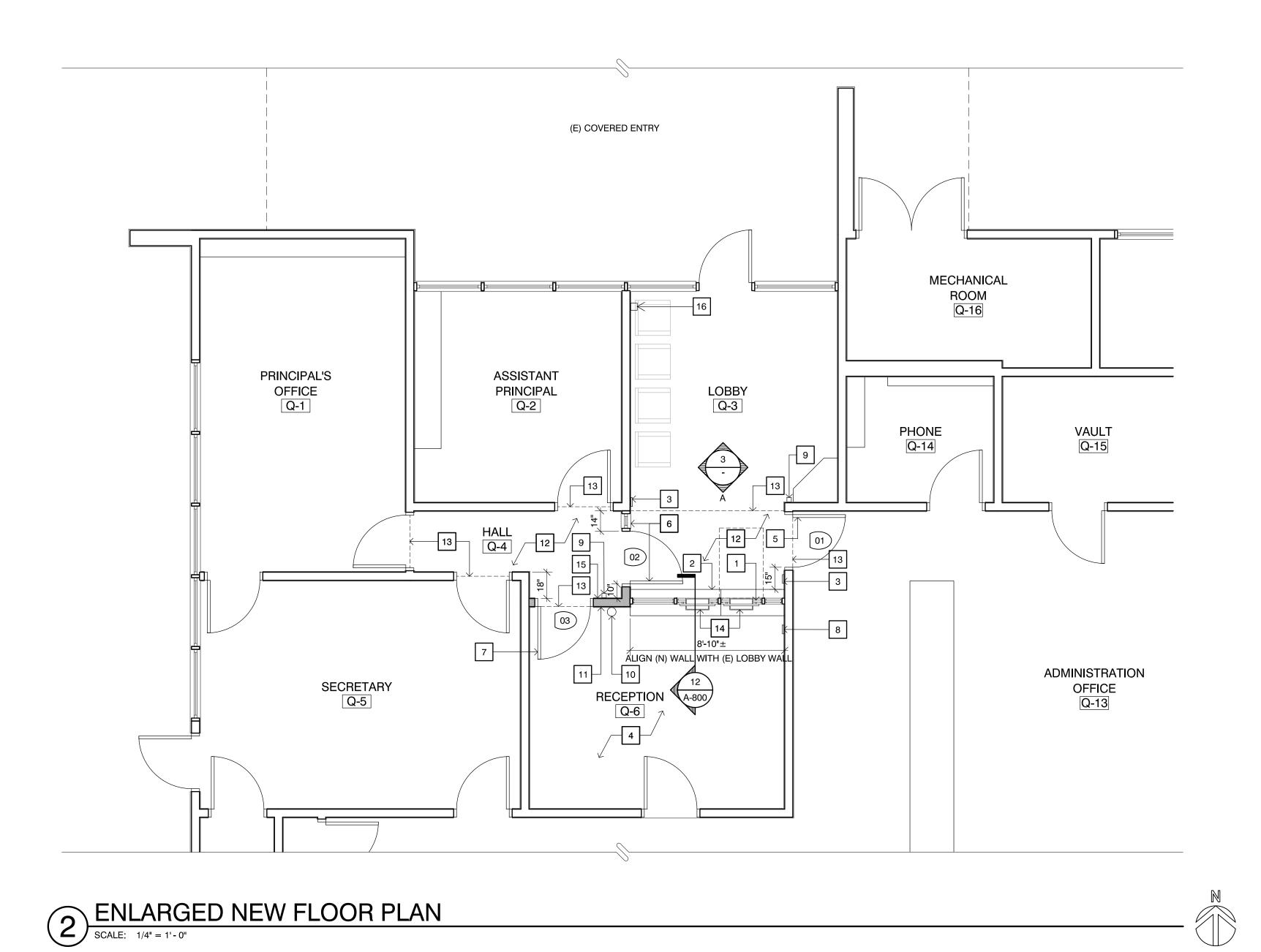
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AF60 MISSION OAKS BLVD, CAM

AF60 MISSIO





# DEMO PLAN KEYNOTES

- (E) DOOR TO REMAIN
- (E) WINDOW TO REMAIN
- (3) (E) WALL TO REMAIN
- (E) CABINET TO REMAIN
- 5 DEMO (E) COUNTER & BASE CABINETS
- 6 REMOVE (E) CARPET & RUBBER BASE
- 7 DEMO (E) DOOR
- 8 DEMO (E) WALL
- 9 DEMO (E) DOOR FRAME/CASING
- UPDATE (E) FIRE ALARM STROBE TO HORN/STROBE AND RELOCATE
- (E) FIRE ALARM DEVICE TO REMAIN
- (12) REMOVE (E) VCT, CARPET & BASE FOR (N) WORK
- (13) REMOVE (E) VCT TO NEAREST FULL TILE NORTH OF THIS LINE
- (14) RELOCATE (E) FIRE EXTINGUISHER
- (15) RELOCATE (E) WALL OUTLET
- (16) RELOCATE (E) LIGHT SWITCH
- (E) LIGHT SWITCH TO REMAIN (E) PULL STATION TO REMAIN

NEW PLAN & INTERIOR ELEVATION KEYNOTES

1 (N) SECURITY STOREFRONT ASSEMBLY

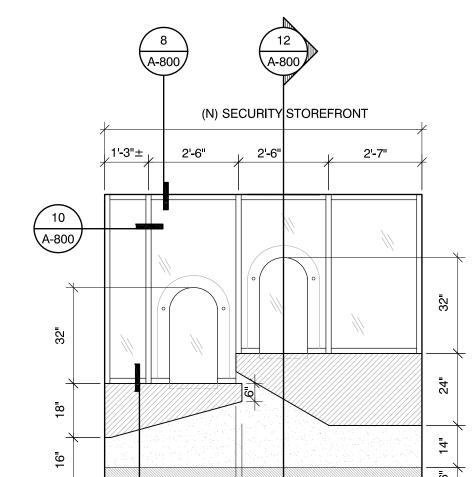
- 2 (N) HI-LO COUNTER
- 3 (N) ACCESS CARD READER
- 4 (N) CARPET & RUBBER BASE
- 5 (N) DOOR & FRAME IN (E) OPENING
- (N) INTEG. H.M. SIDE LIGHT + DOOR & FRAME
  w/ BULLET-RESISTANT 1-1/4" LP 125 LAMINATED GLASS
- 7 (N) DOOR & FRAME
- 8 (N) DOOR ACCESS CONTROLS @ +36" AFF
- 9 (N) LOCATION FOR (N) FIRE ALARM HORN/STROBE
- 10 (N) LOCATION FOR (E) FIRE EXTINGUISHER
- 11 (N) LOCATION FOR LIGHT SWITCH
- 12 (N) VCT TO MATCH (E)
- 13 (N) ALUMINUM TRANSITION STRIP
- 14 (N) BULLET-TRAP RECESSED CURRENCY TRAY
- 15 (N) LOCATION FOR WALL OUTLET
- 16 (E) PULL STATION TO REMAIN

# LEGEND

A-800

(N) WALL, MATCH (E) ADJACENT FINISHES (N) HI-LO SOLID SURFACE CASEWORK TRANSACTION COUNTER

- (N) GYPSUM BOARD
- (N) 6" RUBBER BASE TO MATCH (E)



3 INTERIOR ELEVATION - LOBBY
SCALE: 3/8" = 1' - 0"



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SHEET ENLARGED DEMO FLOOR PLAN TITLE ENLARGED NEW FLOOR PLAN INTERIOR ELEVATION

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A-201

																	DOO	R, FRAI	ME ANI	D SIGI	NAGE N	MESSA	AGE SCHE	EDULE							
		DOOR INFO														SIGNAGE INFO															
DOOF		OOR ENING			D	OOR			CUT	OUTS	HDWR	ASS'Y	/		FRAME	<u> </u>				DETA	AILS			DOOR REMARKS		E/ SEE DETAIL OF DOOR	DESCF	RIPTION	MESS	AGE	SIGNAGI REMARK
	WIDT	H HEIGH	TYPE	E MAT'L	THI	ICK F	IN C	COLOR	LITE	LVR	GROUF	RATIN	G TYPE	E MAT'L	_ FIN	COLC	OR HEAD	) JA	AMB	SIL	.L	SIGN	NAGE		PULL SIDE	PUSH SIDE	PULL SIDE	PUSH SIDE	PULL SIDE	PUSH SIDE	
1	3'-0"	7'-0"	А	НМ	1 3	3/4"	PT	TBD	1	-	01	-	1	НМ	PT	TBD	$\frac{4}{A-800}$	4 A-800	4 A-800	$\frac{7}{0}$	G1 O0 A-80	1 S	800	_ CARD READER & ACCESS CONTROL	S1	S1	•	•	EXIT	OFFICE	$\overline{}$
2	3'-0"	7'-0"	А	НМ	1 3	3/4"	PT	TBD	1	-	02	-	1	НМ	PT	TBD	A-800	- 4 A-800	- 4 A-800	7 O A-80	G1 O0 A-80	1 S	800	CARD READER & ACCESS CONTROL	S1	S1	-	•	PRINCIPAL/ ASSISTANT PRINCIPAL	EXIT	
3	3'-0"	7'-0"	А	НМ	1 3	3/4"	PT	TBD	1	-	03	-	1	НМ	PT	TBD	$\frac{4}{A-800}$	4 A-800	- 4 A-800	$\frac{7}{0} \frac{7}{A-80}$	O0 A-80	1 S	800	-	S1	S1	-	-	EXIT	RECEPTION	$\overline{}$

PER SCHEDULE 1-0" 6"	
WHERE OCCURS  WAX,  -6"  -6"  -6"  -6"  -6"  -6"  -6"  -6	
A 3-6" (43" MAX.)	1 HM FRAME
DOOR TYPES SCALE: 1/4" = 1'-0"	DOOR FRAME TYPES  SCALE: 1/4" = 1'-0"

# DOOR SCHEDULE KEYNOTES

1 DOOR HARDWARE PROVIDED BY MODULAR PARTITION MANUFACTURER

# SIGNAGE KEYNOTES

1 EXTERIOR PANEL SIGN

2 INTERIOR PANEL SIGN

## **GLAZING TYPES**

GL1 LAMINATED SAFETY GLASS (CLEAR) - 1/4" THICK
GL2 BULLET-RESISTANT 1-1/4" LP 125 - LAMINATED (CLEAR)

# ABBREVIATIONS

ALUM ALUMINUM FF FACTORY FINISH HM HOLLOW METAL

MFR PER MANUFACTURER
PT PAINTED
SC WD SOLID CORE WOOD

SS STAINLESS STEEL

## **GENERAL NOTES**

- 1. SEE S1/A-800 FOR INTERIOR PANEL SIGNAGE MOUNTING HEIGHTS.
- 2. SEE DOOR & FRAME SCHEDULE FOR PANEL SIGNAGE ASSOCIATED w/ A DOOR.
- 5. SEE SHEET A-800 FOR SIGN DETAILS.

# SIGNAGE NOTES

SK1 PANEL WALL MOUNT

# DOORS NOTES

1. VERIFY ALL ROUGH OPENINGS DIMENSIONS PRIOR TO FABRICATION.

2. ALL DOORS SHALL HAVE LEVER HARDWARE U.O.N. DOOR HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES SHALL BE INSTALLED MINIMUM 34" AND MAXIMUM 48" ABOVE FINISH FLOOR. (CBC 1008.1.9.2).

3. ALL EXIT DOORS SHALL BE OPENABLE FROM INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE (CBC 1008.1.9) AND THE FORCE REQUIRED TO PUSH OR PULL AN EGRESS DOOR TO THE OPEN POSITION SHALL NOT EXCEED 5 POUND (CBC 1008.1.3).

4. CONTRACTOR SHALL PROVIDE POWER AS NECESSARY FOR FULL OPERATION OF KEYPAD ACCESS.

 PANIC HARDWARE SHALL CONTAIN A MINIMUM OF TWO LOCKING POINTS ON EACH DOOR.
 GLAZING IN DOORS OR WITHIN 40" OF ANY DOOR LOCKING MECHANISM SHALL BE FULLY TEMPERED SAFETY GLASS.

7. ALL PEDESTRIAN DOORS AND GATES (EXCEPT SLIDING DOORS) SHALL BE PROVIDED WITH A

KICKPLATE AT THE BOTTOM 10 INCHES OF THE PUSH SIDE OF THE DOOR.

8. PROVIDE STEEL INSERTS AT STOREFRONTS AS REQUIRED.

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DATE 1/18/2018
JOB. NO. 18014

SHEET DOOR SCHEDULE
TITLE



	ROOM FINISH SCHEDULE																												
			FL	.OOR			BAS	Ξ		WAI	NSC	ЭТ						W	'ALLS	3						C	EILIN	NG	REMARKS
														NOF	RTH		EA	ST		SOL	JTH		WE	ST					
ROOM NO.	ROOM NAME	SUB FLOOR	FLOOR MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR	HEIGHT	MATERIAL	FINISH	COLOR	НЕІСНТ													
Q-4	HALL		F3				FN1		-	-	-	-		FN2			FN2			FN2			FN2				C3		
Q-6	RECEPTION	F1	F2	FN1 (	C1	B1	FN1	C2	-	-	-	-	W2	FN2	P1	W1	FN2	P1	W1	FN2	P1	W1	FN2	P1	CL.	1 FN1	СЗ	VARIES	
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	MA	TERIALS LEGEND	MISC COLOR LEGEND
n g	F1	(E) CONCRETE SUBFLOOR	C1. CARRET EL CORINC COL OR TO MATCH EVICTINO
o r i r	F2	(N) CARPET	C1 CARPET FLOORING COLOR TO MATCH EXISTING  C2 RUBBER BASE COLOR TO MATCH EXISTING
100	F3	(N) VCT	C2 ROBBER BASE COLOR TO MATCH EXISTING  C3 'TECTUM' ACOUSTIC CEILING PANEL COLOR TO BE DETERMINED
0 r,			C4 VCT FLOORING COLOR TO MATCH EXISTING
<del>1</del> 0			C4 VOTTEOORING COLOR TO WATCH EXISTING
q n s			
S			
ase	B1	(N) 4" RUBBER BASE	
B B			
	10/4	(E) GYP. BRD.	
a   s	W1 W2	(N) GYP. BRD.	PAINT COLOR LEGEND
>	W2 W3		P1 DUNN EDWARDS, PAINT COLOR: T.B.D. (WALLS & CEILINGS)
	W4		
			P2 DUNN EDWARDS, PAINT COLOR: T.B.D. (INTERIOR DOOR FRAMES)
			P3 DUNN EDWARDS, PAINT COLOR: T.B.D. (EXTERIOR DOOR FRAMES)
S	CL1	(E) ACOUSTICAL PANELS	
in g	CL2	(N) ACOUSTICAL PANELS	
<u>=</u>	CL3	(N) GYP. BRD. CEILING	
O			KEYNOTES
			1 NOT USED
			1 NOT USED
hsi	FN1	FACTORY FINISH	1 NOT USED
Finish	FN1 FN2		1 NOT USED
Finish			1 NOT USED
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Finish			GENERAL NOTES
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# **ROOM FINISH NOTES**

- 1. ALL FINISHES SHALL COMPLY WITH CBC CHAPTERS 3, 4, 6, 7, 8 AND 10 AND CFC.
- 2. ALL EXPOSED STEEL FRAMING AND CONNECTORS AT BUILDING INTERIOR SHALL BE PAINTED.
- 3. ALL EXPOSED SPRINKLER PIPING AT BUILDING INTERIOR SHALL BE PAINTED.
- 4. ALL EXPOSED DUCTWORK SHALL BE PAINTED.
- 5. ALL EXPOSED GYPSUM BOARD SHALL RECEIVE A LEVEL 4 FINISH.
- 6. ALL INTERIOR WALL AND CEILING FINISHES SHALL MEET THE FLAMESPREAD AND SMOKE DEVELOPED INDEXES OF CBC TABLE 803.9.
- 7. FURNISH AND INSTALL 4'-0" HIGH 1" STAINLESS STEEL CORNER GUARDS AT ALL OUTSIDE WALL CORNERS WITHIN THE BUILDING.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR SHOP DRAWINGS AND PROVIDING AND INSTALLING THE REQUIRED FACILITY INFRASTRUCTURE FOR THE SUPPORT SYSTEM SERVICING ALL EQUIPMENTS. SUPPORT SYSTEMS INCLUDE, BUT NOT LIMITED TO CONDUITS, WIRES AND BOXES, UTILITIES SERVING ALL APPLIANCES. CONTRACTOR SHALL PROVIDE AND INSTALL ALL STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND OTHER REQUIRED SUPPORT SERVICES NECESSARY TO SUPPORT THE OPERATION OF THE BUILDING COMPONENTS.

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DIV. OF THE STATE ARCHITECT

APP. 03-119338 INC:

REVIEWED FOR

SS FLS ACS



KRUGER BENSEN ZIEMER ARCHITECTS, INC. AIA 199 FIGUEROA ST, SUITE 100A VENTURA CA 93001 TELEPHONE (805) 650-1033

TODD A. JESPERSEN, AIA PRINCIPAL-IN-CHARGE JONATHAN D. LEE ARCHITECTURAL ASSISTANT

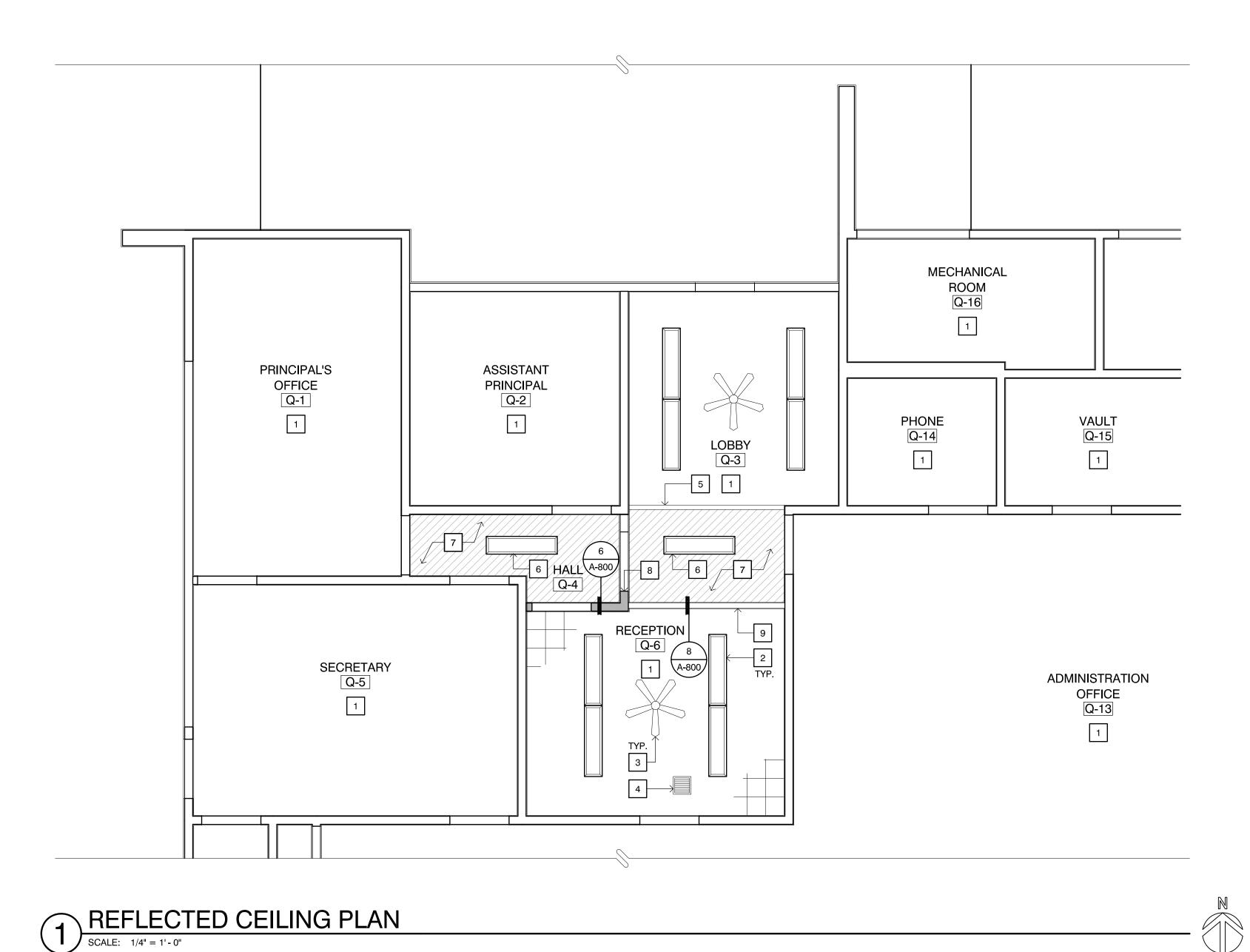
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SHEET ROOM FINISH SCHEDULE TITLE

EET





CEILING PLAN KEYNOTES

1 (E) CEILING TO REMAIN 2 (E) LIGHT FIXTURE TO REMAIN

3 (E) FAN TO REMAIN 4 (E) GRILLE TO REMAIN

5 (E) GYPSUM BOARD SOFFIT EDGE TO REMAIN

REMOVE & RE-INSTALL (E) LIGHT FIXTURE AS REQ'D, FOR CEILING TILE REPLACEMENT

REMOVE (E) 12x12 GLUED ON CEILING TILE & REPLACE WITH (N)
USE Henry 237 AcoustiGum CEILING TILE ADHESIVE
(SOLVENT-FREE, NONFLAMMABLE) TO INSTALL

8 (N) WALL - FROM FLOOR TO CEILING

9 (N) SECURITY STOREFRONT

# **LEGEND**

(N) WALL, MATCH (E) ADJACENT FINISHES

(N) 12x12 GLUED ON CEILING TILE

KRUGER BENSEN ZIEMER ARCHITECTS, INC. AIA

DIV. OF THE STATE ARCHITEC APP. 03-119338 INC: REVIEWED FOR SS 🗸 FLS 🗸 ACS 🗸

199 FIGUEROA ST, SUITE 100A VENTURA CA 93001 TELEPHONE (805) 650-1033

TODD A. JESPERSEN, AIA PRINCIPAL-IN-CHARGE JONATHAN D. LEE ARCHITECTURAL ASSISTANT

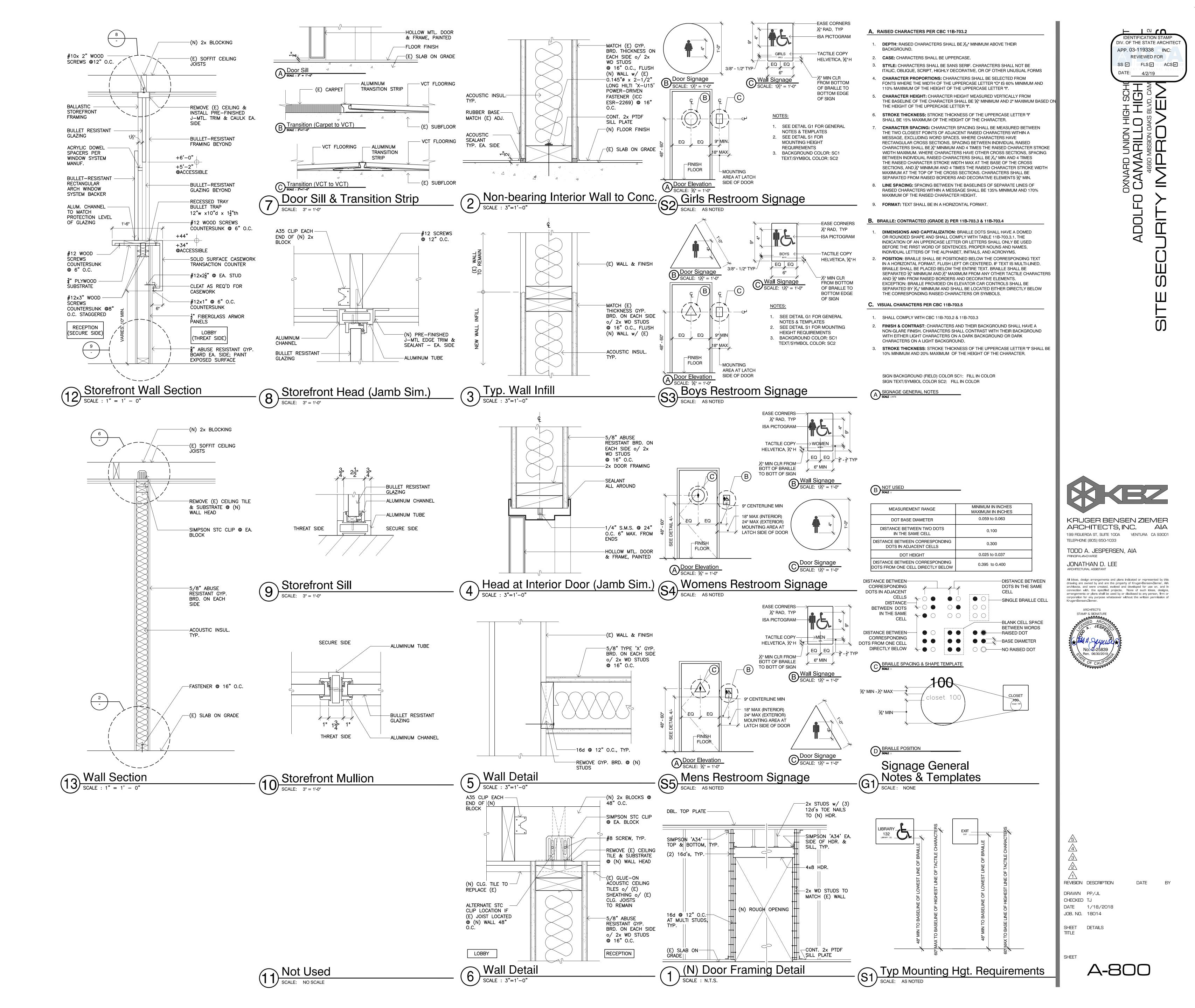
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5 4 3 2 REVISION DESCRIPTION

DRAWN JL
CHECKED TJ
DATE 1/18/2018
JOB. NO. 18014

SHEET REFLECTED CEILING PLAN TITLE



DIV. OF THE STATE ARCHITEC APP. 03-119338 INC:

SIGNAL POWER EXPANDER SNAC-4 (BUILDING "Q")

BATTERY CALCULATIONS (NEW ADDED 1 0.056 0.392 ØØ38 0.063 0.102 0.007 0.120 6MOKE DETECTOR 2 TOTALS

COMPUTATIONS TOTAL AMPS USED IN STAND-BY: 0060 AMP X 24 HOURS TOTAL AMPS USED IN ALARM: 2.165 AMPS × 0003 (5 MINUTES) =0.180 AMP-HOUR TOTAL STAND-BY BATTERY REQUIREMENTS:

> TOTAL BACKUP BATTERY PROVIDED . 100 AMP-HOUR TOTAL BACKUP BATTERY REQUIRED (1.620 AMP-HOUR X 125) ■ 2.03 AMP-HOUR TOTAL BACKUP BATTERY RESERVED #4.98 AMP-HOUR

BUILDING "Q" STROBE 9 VOLTAGE DROP CALCULATION 0.063 (NEW ADDED 0.056 0.102 STROBE NOCO

LENGTH OF RUN TO LAST DEVICE: WIRE: CIRCULAR MIL: • 180 PEET • 12 THUN COPPER . 21.6 FOR COPPER COMPUTATIONS YOLTAGE DROP FORMULA:

\$ ∨D = AMP6 × LENGTH × 21.6

CIRCULAR MIL

\$ ∨D = 1.06 | × 18.0 × 21.6

653.0

• 0.63

**BUILDING Q REVISED** CALCULATIONS FROM APPROVED DSA RECORD DRAWINGS APPL #103015
SCALE: NONE

FIRE ALARM SYSTEM LEGEND

	WIRE CI	HART
SYMBOL	CIRCUIT USE	1/2"C. & WIRE DESCRIPTION
$\triangle$	SIGNALING LINE CIRCUIT (SLC)	2#14, THHN
A	NOTIFICATION CIRCUIT	4#12, THHN

SEQUENCE OF OPERATION													
DEVICE	MANUAL PULL STATION	HOOD SUPPRESSSION MICRO SWITCH	AC LOSS	TROUBLE	DUCT DETECTOR	HEAT DETECTOR							
ANUNCIATE AT FIRE CONTROL PANEL AND REMOTE ANUNCIATOR IF APPLICABLE	×	×	×	×	×	×							
ANUNCIATE AT 24 HOUR ATTENDED STATION	×	×	×	×	×	×							
ACTIVATE AUDIBLE AND VISUAL SIGNALS THROUGHOUT BUILDING	×	×	×	×	×	×							
SHUT-DOWN INDIVIDUAL AIR HANDLING UNITS					×								
ACTIVATE INDIVIDUAL FIRE/SMOKE DAMPERS					. ×								

POWER LIMITED CABLE (IF ALLOWED)

4" SQ. W/ 1-GANG RING

4" BACK BOX W/ SINGLE GANG RING FOR ADDRESSABLE PULL STATIONS.

MIN. 80" AFF OR 6" BELOW CLG WHICHEVER IS LOWER

PULL STATION

@48" O.C. AFF TO TOP OF HANDLE

**COMMON AREA** 

MOUNTING HEIGHT & ROUGH-IN DETAIL

SCALE: NONE

REVISED FIRE ALARM RISER, REVISED FIRE ALARM CALCULATIONS SHOWN ON THIS SHEET ARE REFERENCED FROM DSA APPROVED APPL #103015 RECORD DRAWINGS.

\_PROJECT AREA REPLACED 30CD AG CABINET Qi-6 15CD 15CD 15CD QI-8 QI-1 "TC-Q"-IBCD ISCD ISCD SNAC-4 ISCD ISCD ISCD ISCD ISCD ISCD ISCD ISCD

2 EXISTING BUILDING Q REVISED RISER DIAGRAM SCALE: NONE



ARCHITECTS, INC. 199 FIGUEROA ST, SUITE 100A VENTURA CA 93001 TELEPHONE (805) 650-1033 TODD A. JESPERSEN, AIA PRINCIPAL-IN-CHARGE

JONATHAN D. LEE ARCHITECTURAL ASSISTANT

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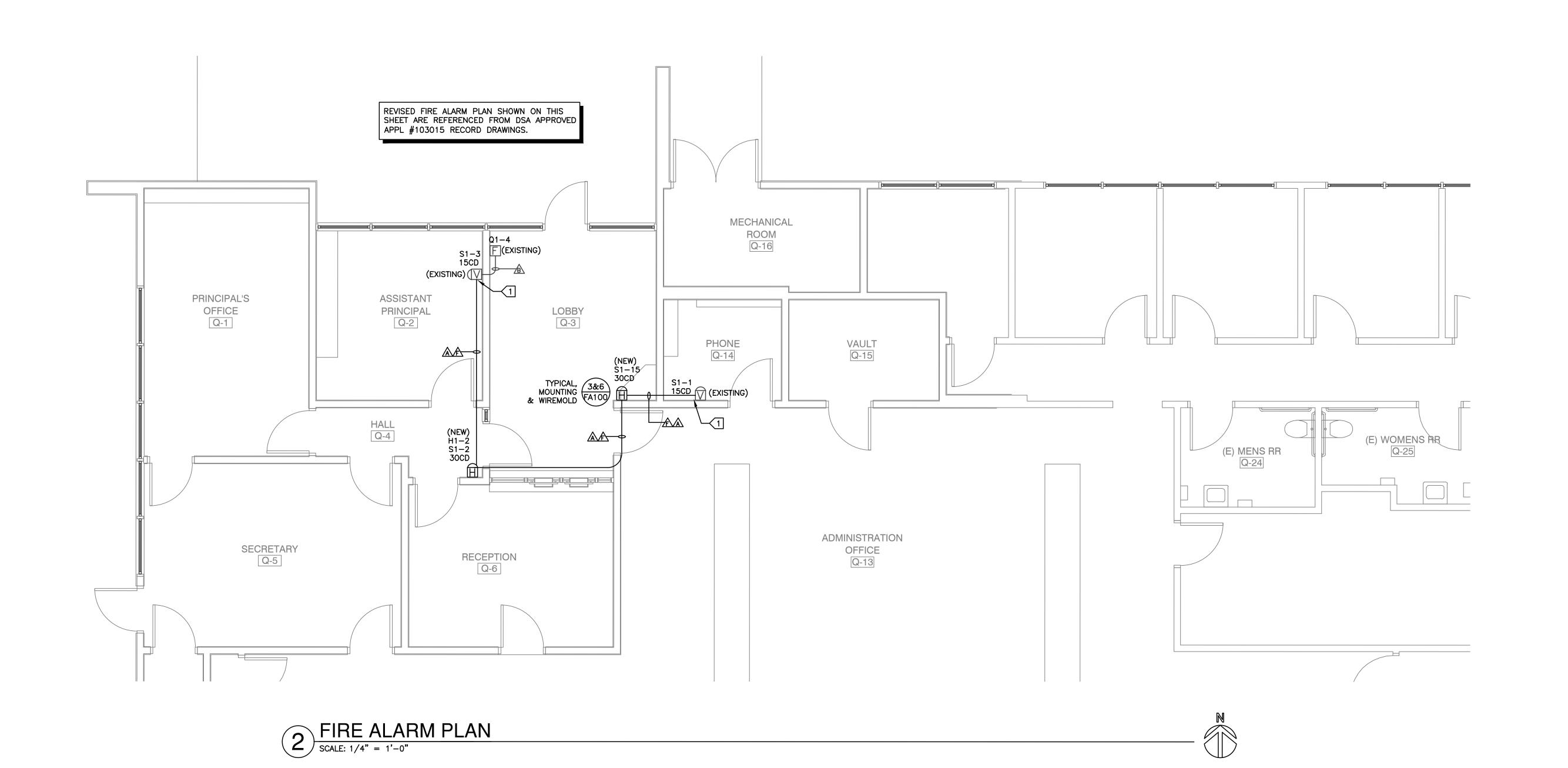
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REVISION DESCRIPTION DRAWN AM CHECKED CH DATE 3/8/2019 JOB. NO. 18014 SHEET FIRE ALARM
TITLE CALCULATIONS SHEET



# SHEET NOTES

- CONTRACTOR SHALL PROVIDE AND INSTALL A COMPLETE FULLY AUTOMATIC FIRE ALARM & VOICE EVACUATION SYSTEM.
- 2. FIRE ALARM WIRING SHALL BE POWER LIMITED.
- 3. EXPOSED RACEWAYS SHALL BE WIREMOLD #2300.
- 4. FIELD VERIFY LOCATION OF ALL DEVICES.
- 1" MINIMUM BELOW GRADE, 3/4" CONDUIT MINIMUM UNLESS OTHERWISE NOTED.

# **KEY NOTES**

INTERCEPT AND EXTEND EXISTING FIRE ALARM CIRCUITS TO ADD NEW FIRE ALARM DEVICES.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119338 INC:
REVIEWED FOR
SS FLS ACS 
DATE: 4/2/19

OXNARD UNION HIGH SCHOON ANDOLFO CAMARILLO HIGH

4660 MISSION OAKS BLVD, CAN



TELEPHONE (805) 650-1033

TODD A. JESPERSEN, AIA
PRINCIPAL-IN-CHARGE

JONATHAN D. LEE
ARCHITECTURAL ASSISTANT

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ARCHITECT'S ENGINEER'S







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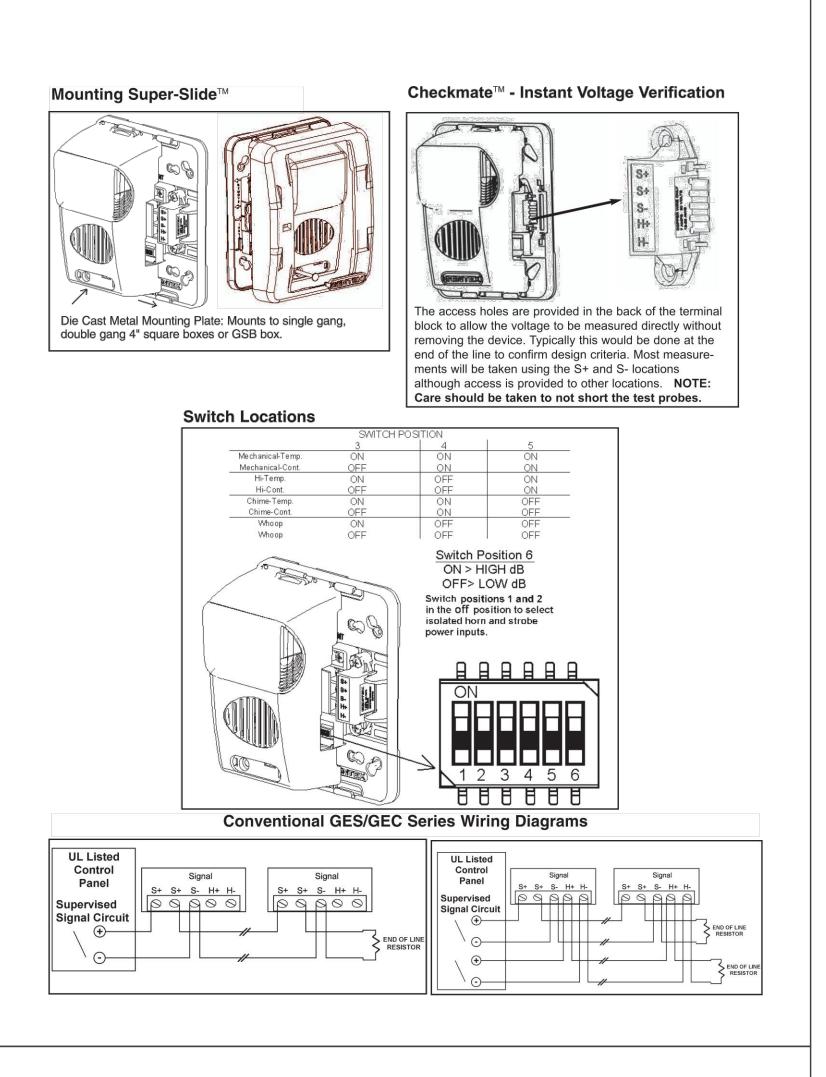
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 3/8/2019

 JOB. NO.
 18014

SHEET FIRE ALARM DEMO PLAN TITLE FIRE ALARM PLAN

FA-200

DIV. OF THE STATE ARCHITEC APP. 03-119338 INC: REVIEWED FOR



### CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION OFFICE OF THE STATE FIRE MARSHAL FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM LISTING SERVICE



Page 1 of 1

LISTING No. 7135-0569:0122 7135 -- AUDIBLE DEVICES CATEGORY:

LISTEE: Gentex Corporation10985 Chicago Drive, Zeeland, MI 49464 Contact: Keiffer Sestric (616) 392-7195 Fax (616) 392-4219 Email: keiffer.sestric@gentex.com

Model GEH24 horn and Models HS24-15, HS24-15/75, HS24-30, HS24-60, HS24-75, HS24-110, GEC24-15, GEC24-15/75, GEC24-30, GEC24-60, GEC24-75, GEC24-110, GEC24-177, GCC24-C, GEC3-24 and WGEC24 horn strobes. May be followed by -W (wall) and -W or -R (white or red) or -P plain or \*-LP low profile. Models GCC24-C horn/strobe are ceiling mounted followed by -R (red), -W (white) or -P (plain). Refer to listee's data sheet for additional product description and operational considerations. RATING: Electrical: 24 VDC

Candela: 15cd, 15/75cd, 30cd, 60cd, 75cd, 110cd, 177cd. GCC24-C Ceiling: 15cd, 30cd, 75cd, 95cd, 115cd, 150cd\* (selectable) GEC3-24 Wall: 15cd, 30cd, 60cd, 75cd, 110cd (selectable)

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction. Listee's name, model number, electrical ratings and UL label.

Listed as horn and horn/strobes for use with separately listed compatible fire alarm control units. For indoor use only. Models WGEC24 and \*GEH24 are intended for outdoor use when used with Model GOE or \*GOELP outdoor enclosure (CSFM Listing No. 7300-0569:124). Model WGEC24 is intended for private mode signaling use only and not approved for hearing impaired application.

The audible in Models GEH24, GEC24, GEC3-24, and WGEC24 may produce distinctive tones including: mechanical, 2400Hz and chime tones in continuous and temporal 3 settings as well as a whoop tone in either a high or low dBA setting.

The audible in Model HS24 may produce a horn piezo frequency of 3100Hz. Model GCC24 may produce distinctive tones including mechanical and 2400Hz. Both models are capable of continuous and temporal 3 settings.

\*Rev. 02-02-16 gt

This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other

Date Issued: July 01, 2018 Authorized By: DAVID CASTILLO, Program Coordinator Fire Engineering Division

Listing Expires June 30, 2019

# **GENTEX**CORPORATION A Smarter Vision™

**GEC/GES/GEH** 

**24 VDC** 

SERIES

# Commander<sup>2</sup> Series Low **Frequency Evacuation Signals**

### **Applications**

The Commander<sup>2</sup> Series is a low profile strobe, horn or horn/strobe combination that offers dependable audible and audible/visual alarms and the lowest current available. The GE Series is available in fixed candela options of 15, 30, 60,

75, 110, 177 and 15/75. The Commander<sup>2</sup> Series horn offers a continuous or synchable temporal three in 2400Hz and mechanical tone, a chime as well as a whoop tone. All tones are easy for the professional to change in

The GE Series has a minimal operation current and has a minimum flash rate of 1Hz regardless of input voltage.

The Commander<sup>2</sup> Series is shipped with the standard 4" mounting

plate which incorporates the popular Super-Slide™ feature that allows the installer to easily test for supervision. The product also features a locking mechanism which secures the product to the bracket without any screws showing. The Commander<sup>2</sup> Series also features the *Checkmate*<sup>™</sup> - Instant Voltage Verification feature which allows the installer to check the

voltage without removing the signal. The GE Series appliances are UL 464 and UL 1971, listed for use with fire protective systems and are warranted for three years from date of purchase.

# **Standard Features**

the field by using switches.

- Nominal Voltage 24 VDC (12 VDC available on
- Fixed Candela Options of 15, 30, 60, 75, 110, 177 and 15/75
- Unit Dimensions: 5" high x 4.5" wide x 2.5" deep
  Prewire Entire System, Then Install Your Signals Super-Slide™ Bracket - Ease of Supervision Testing Checkmate<sup>™</sup> - Instant Voltage Verification
- Lower Installation and Operating Costs Input Terminals 12 to 18 AWG Switch Selection for High or Low dBA

Tamperproof Re-entrant Grill

 Switch for Chime, Whoop, Mechanical and 2400Hz Switch for Continuous or Temporal 3 (not available on whoop tone)

# Surface Mount with the GSB (Gentex Surface Mount

BS+A/MEA #285-91-E - XV

Product Compliance

CSFM 7135-0569:122 (GEH, GEC)

 UL 464, UL 1971 & UL 1638 Listed CAN/ULC S526-M87 Listed

Americans with Disabilities Act (ADA)

7125-0569:123 (GES)

7135-0569: 130 (GEH-12)

ULSZ7.S3406 Listed (GEC24,

**GEH24 & GEH12)** 

For nominal and peak current across

UL regulated voltage range for

filtered DC power and unfiltered

(FWR [Full Wave Rectified]) power,

GE-24 Product Strobe Current Ratings

 Synchronize Strobe and/or Horn by Using the Gentex Synchronization Module (12 VDC product must use the AVSM Module) Silence Horn While Strobes Remain Flashing Wide Voltage Range 16-33 VDC or FWR

Faceplate Available in Red or Off-White

## GEH 12 and 24 VDC Low Profile Evacuation Horn

Model Number	Part Number	Nominal Voltage	Reverberant dBA @ 10ft. Per UL464 <sup>1</sup>	In Anechoid Room dBA @10ft.
GEH12-R	904-1239-002	12 VDC	70-82	100
GEH12-W	904-1241-002	12 VDC	70-82	100
GEH24-R	904-1205-002	24 VDC	70-82	100
GEH24-W	904-1207-002	24 VDC	70-82	100

ı	SERVICE OF THE WEST	2000 00 2000 00	CATCA MONTOCO DE	2007 26 (20070000000	10 SQR 10	E -0
C	GEC 24 VDC	Low F	Profile E	vacuation	on Horn/	Strok
	Model Number	er Par	t Number	Nominal	Strobe	Reve

	o 11 1 1 0 1 1 1 0 E	···	011 1101117	311000		(FVVR [Full vvave Rectified]) power,
Model Number	Part Number	Nominal Voltage	Strobe Candela	Reverberant dBA @ 10ft.	Anechoic Room dBA	see installation manual.  • Gentex does not recommend using a
		4070		Per UL464 <sup>1</sup>	@ 10ft.	coded or pulsing signaling circuit wit
GEC24-15WR	904-1125-002	24 VDC	15	70-82	100	any of our strobe products (see
GEC24-15WW	904-1145-002	24 VDC	15	70-82	100	technical bulletin number 014).
GEC24-30WR	904-1129-002	24 VDC	30	70-82	100	To obtain the horn/strobe current
GEC24-30WW	904-1149-002	24 VDC	30	70-82	100	draw, add the strobe current draw
GEC24-60WR	904-1133-002	24 VDC	60	70-82	100	and the horn current draw.
GEC24-60WW	904-1153-002	24 VDC	60	70-82	100	
GEC24-75WR	904-1135-002	24 VDC	75	70-82	100	Model designations:
GEC24-75WW	904-1155-002	24 VDC	75	70-82	100	"W" = Wall Mount
GEC24-110WR	904-1139-002	24 VDC	110	70-82	100	"R" = Red Faceplate
GEC24-110WW	904-1159-002	24 VDC	110	70-82	100	"W" = Off-White Faceplate
GEC24-177WR	904-1143-002	24 VDC	177	70-82	100	"P" = Plain (no lettering) - available
GEC24-177WW	904-1163-002	24 VDC	177	70-82	100	on all models. <b>Plain units are</b>
GEC24-15/75WR	904-1127-002	24 VDC	15 (UL1971) 75 (UL1638)	70-82	100	non-returnable.  "Agent" bezel also available.
GEC24-15/75WW	904-1147-002	24 VDC	15 (UL1971) 75 (UL1638)	70-82	100	Agont bozoi also avallable.

**GES 24 VDC Low Profile Evacuation Strobe** 

			Cand	lela	15cd	30cd	& 15/75cd	60cd	75cd	110cd	177cd	
Model Number	Part Number	Nominal	Strobe	24 V	7.0	55mA		S3mA	88mA	112mA		186mA
		Voltage	Candela	UL M	lax²	78mA		96mA	137mA		100000000000000000000000000000000000000	288mA
GES24-15WR	904-1165-002	24 VDC	15					oduct H			_	
GES24-15WW	904-1185-002	24 VDC	15		Но	rn Mode	•	Minimum dBA @ 10f		nimum @ 10ft.	Regula 24VDC	
GES24-30WR	904-1169-002	24 VDC	30					per UL464 (HIGH)	per	UL464 LOW)	Operati High Setti	ng @
GES24-30WW	904-1189-002	24 VDC	30	Ten	np 3 2	400Hz	$\rightarrow$	78	,	71*	28	• • •
GES24-60WR	904-1173-002	24 VDC	60	30.30.40.		/lechanic	al	76		70*	25	
GES24-60WW	904-1193-002	24 VDC	60	000-000	np 3 C			70*		66*	15	
				Cor	ntinuo	us 2400h	-lz	81		74*	28	3
GES24-75WR	904-1175-002	24 VDC	75			us Mech		80	- 1	72*	25	
GES24-75WW	904-1195-002	24 VDC	75		ntinuo oop	us Chime	е	70* 82		66* 69*	15 56	
GES24-110WR	904-1179-002	24 VDC	110	VVIII	оор	GEH.	12 D					
GES24-110WW	904-1199-002	24 VDC	110	GEH-12 Product Horn Current Ratings  Horn Mode   Minimum   Minimum   Regulated								
					П	orii wou	е	dBA @ 10		0 10ft.	24VDC	
GES24-177WR	904-1183-002	24 VDC	177					per UL46	0.000	r UL464	Operati	13.70.150.000.757.55
GES24-177WW	904-1203-002	24 VDC	177					(HIGH)	(	LOW)	High Setti	• • •
GES24-15/75WR	904-1167-002	24 VDC	15 (UL1971)			2400Hz		76		69*	29	
GEOZ 1 10/70 WIT	001 1107 002	21 100	75 (UL1638)			Mechani	cal	75		68*	26	
GES24-15/75WW	904-1187-002	24 VDC				Chime		62*		60*	13	
3E324-13//30000	904-1167-002	24 VDC	15 (UL1971)	1000		ous 2400		79		74*	29	
			75 (UL1638)	Co	ontinu	ous Mec	hanical	78		72*	26	
The listed horn current drav	us are for the continuous	tone made. The t	emperal O tana has a		ntinu	ous Chim	ne	63*		61*	13	
verberant dBA @ 10ft. per				W	hoop			78		71*	55	
<sup>2</sup> RMS current ratings are per UL average RMS method. UL Max Current Rating is the maximum RMS current within the listed voltage range (16-33VDC for 24VDC units) (8-17VDC for 12VDC units). For strobes the UL Max Current is usually at the minimum listed voltage (16VDC for 24VDC units) (8-17VDC for 12VDC for 12VDC units). For audibles the Max Current is usually at the maximum listed voltage. For unfiltered FWR ratings, see installation manual.												

• The GE Series is not listed for out-KRUGER BENSEN ZIEMER door use. ARCHITECTS, INC. AIA Operating temperature: 32° to 120°F 199 FIGUEROA ST, SUITE 100A VENTURA CA 93001 (0° to 49° C)

TELEPHONE (805) 650-1033 TODD A. JESPERSEN, AIA

JONATHAN D. LEE

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DATE 3/8/2019 JOB. NO. 18014 SHEET FIRE ALARM TITLE DATA SHEETS