OXNARD UNION HIGH SCHOOL DISTRICT

HUENEME HIGH SCHOOL
SITE SECURITY IMPROVEMENTS

500 W. BARD RD, OXNARD, CA 93033

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 EXCAVATION OR FOUNDATION WORK.
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:

1. 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 PROJECT.

APPLICABLE CODES

CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING:

PART 1	2016 CALIFORNIA ADMINISTRATIVE CODE (CAC), TITLE 24 C.C.R.
PART 2	2016 CALIFORNIA BUILDING CODE (CBC), TITLE 24 C.C.R.
PART 3	2016 CALIFORNIA ELECTRICAL CODE (CEC), TITLE 24 C.C.R.
PART 4	2016 CALIFORNIA MECHANICAL CODE (CMC), TITLE 24 C.C.R.
PART 5	2016 CALIFORNIA PLUMBING CODE (CPC), TITLE 24 C.C.R.
PART 6	2016 CALIFORNIA ENERGY CODE, TITLE 24 C.C.R.
PART 8	2016 CALIFORNIA HISTORICAL BUILDING CODE, TITLE 24 C.C.R.
PART 9	2016 CALIFORNIA FIRE CODE (CFC), TITLE 24, C.C.R.
PART 10	2016 CALIFORNIA EXISTING BUILDING CODE (CEBC), TITLE 24, C.C.R.
PART 11	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)	2016 EDITION
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)

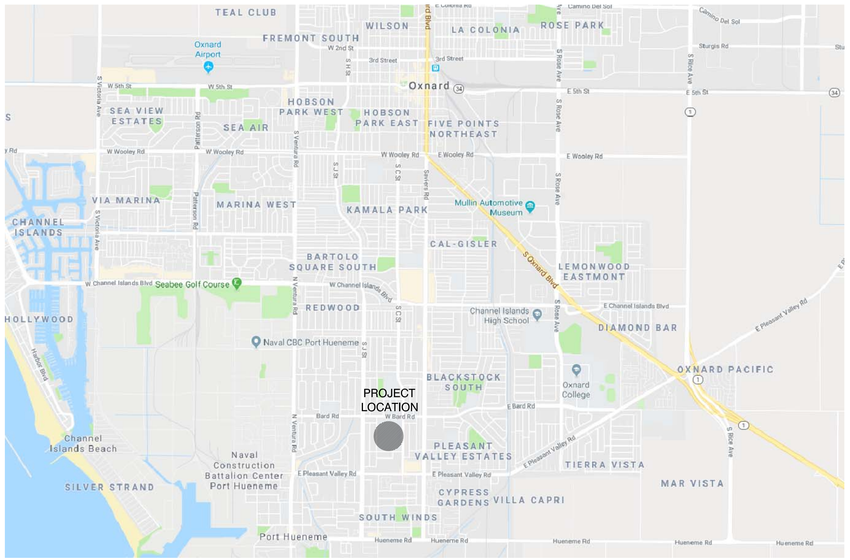
ACI-318-14 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

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, Part 1, Title 24, CCR.



VICINITY MAP

SCALE: N.T.S.

ABBREVIATIONS

ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
ADJ	ADJUSTABLE / ADJACENT
A/C	AIR CONDITIONING
ALT	ALTERNATE
ALUM	ALUMINUM
AB	ANCHOR BOLT
&	AND
<	ANGLE
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECT (URAL)
ASPH	ASPHALT
AC	ASPHALT CONCRETE
@	AT
AUTO	AUTOMATIC
BM	BEAM
BLKG	BLOCKING
BD	BOARD
BOT	BOTTOM
BN	BOUNDARY NAILING
BLDG	BUILDING
BUR	BUILT UP ROOFING
CAB	CABINET
CPT	CARPET (ED)
CLG	CEILING
CEM	CEMENT
℄	CENTERLINE
CER	CERAMIC
CIR	CIRCLE
COL	COLUMN
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONN	CONNECTION
CONST	CONSTRUCTION
CJ	CONSTRUCTION JOINT
CONT	CONTINUOUS/CONTINUE
CTSK	COUNTER SINK
DEM	DEMOLISH / DEMOLITION
DET	DETAIL
DIAG	DIAGONAL
DIA	DIAMETER
DIM	DIMENSION
DIV	DIVISION
DR	DOOR
DBL	DOUBLE
DN	DOWN
DWG	DRAWING
DF	DRINKING FOUNTAIN/ DOUGLAS FIR
EA	EACH
E	EAST
ELEC	ELECTRIC (AL)
ELEV	ELEVATOR / ELEVATION
ENCL	ENCLOSE (URE)
EQ	EQUAL
EQUIP	EQUIPMENT
EXCA	EXCAVATE
EXH	EXHAUST
(E)	EXISTING
EXP	EXPANSION
EJ	EXPANSION JOINT
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FN	FIELD NAILING
FIN	FINISH (ED)
FIN FLR	FINISH FLOOR
FG	FINISH GRADE
FIXT	FIXTURE
FLASH	FLASHING
FHMS	FLATHEAD MACHINE SCREW
FHWS	FLATHEAD WOOD SCREW
FLR	FLOOR (ING)
FLUOR	FLUORESCENT
FT	FOOT OR FEET
FTG	FOOTING
FND	FOUNDATION
FURR	FURRING
GA	GAGE / GAUGE
GALV	GALVANIZED
GND	GROUND
GYP	GYPSUM
HDW	HARDWARE
HDR	HEADER
HTG	HEATING
HVAC	HEATING VENTILATING & AIR CONDITIONING
HT	HEIGHT
HC	HOLLOW CORE
HM	HOLLOW METAL
HOR	HORIZONTAL
ICV	IRRIGATION CONTROL VALVE
ID	INSIDE DIAMETER
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
L	LENGTH/LONG
LAB	LABORATORY
LAM	LAMINATE (D)
LAV	LAVATORY
LB	POUND
LF	LINEAR FEET
LT	LIGHT
LVR	LOUVER
MB	MACHINE BOLT
MH	MANHOLE
MFR	MANUFACTURE (R)
MAT	MATERIAL (S)
MAX	MAXIMUM
MECH	MECHANIC (AL)
MBR	MEMBER
MTL	METAL
MIN	MINIMUM
MTD	MOUNT (ED)
MTG	MOUNTING
NAT	NATURAL
(N)	NEW
N	NORTH
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
#	NUMBER
OC	ON CENTER (S)
OD	OUTSIDE DIAMETER
OPNG	OPENING
OPP	OPPOSITE
O/	OVER
PR	PAIR
PNL	PANEL
PKG	PARKING
PTN	PARTITION
PVMT	PAVEMENT
PERF	PERFORATE (D)
PERIM	PERIMETER
PLAS	PLASTIC
PLAM	PLASTIC LAMINATE
PL	PLATE
PLYWD	PLYWOOD
POC	POINT OF CONNECTION
PVC	POLYVINYL CHLORIDE
PCF	POUNDS PER CUBIC FOOT
PSF	POUNDS PER SQUARE FOOT
PT	PRESSURE TREATED
RAD	RADIUS
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCED
REQ'D	REQUIRED
RESIL	RESILIENT
RET	RETAINING
R/A	RETURN AIR
REV	REVISION(S) / REVISED
RH	RIGHT HAND
RD	ROOF DRAIN
RFG	ROOFING
RM	ROOM
RO	ROUGH OPENING
RHMS	ROUND HEAD MACHINE SCREW
RHWS	ROUND HEAD WOOD SCREW
SHT	SHEET
SHTG	SHEATHING
SMS	SHEET METAL SCREW
SHWR	SHOWER
SIM	SIMILAR
SC	SOLID CORE
S	SOUTH
SPK	SPEAKER
SPEC	SPECIFICATION (S)
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURE / STRUCTURAL
SUSP	SUSPENDED
SYS	SYSTEM
TEL	TELEPHONE
TV	TELEVISION
THK	THICK (NESS)
TP	TOP OF PAVEMENT
TS	TOP OF STEEL
TW	TOP OF WALL
T.	TOP OF...
TR	TREAD
TS	TUBULAR STEEL
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VERT	VERTICAL
VG	VERTICAL GRAIN
VCT	VINYL COMPOSITION TILE
WSCT	WAINSCOT
WC	WATER CLOSET
WH	WATER HEATER
WP	WATERPROOF (ING)
W/R	WATER RESISTANT
WT	WEIGHT
W	WEST / WOMEN / WIDE
WDW	WINDOW
W/	WITH
W/O	WITHOUT
WD	WOOD

SYMBOLS LEGEND

KEY NOTE SYMBOLS — 1 (NEW); 1 (DEMO)

ROOM NUMBER (SEE ROOM LEGEND) — 101

DOOR NUMBER– SEE DOOR AND FRAME SCHEDULE — 1

WINDOW NUMBER– SEE WINDOW SCHEDULE — X

WALL TYPE — X

WALL TYPE NOTE (MODIFIES WALL TYPE) — X

DETAIL SYMBOL — 7 / A8.1 (DETAIL NO. / SHEET NO.)

DETAIL CUT SYMBOL — 7 / A8.1

ELEVATIONS — A, B, C, D; 2 / A5.0 (ELEVATION NO. / DRAWING NO. / SHEET NO.)

SECTION/ ELEVATION KEY — 1 / A1.0 (SECTION/ ELEVATION NO. / SHEET NO.)

DIMENSION LINES — 6" and 8'–0"

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. — 30" x 48"

60" DIAMETER CLEAR WHEELCHAIR TURNING CIRCLE

INDICATES REQUIRED CLR. FLR SPACE AT DOOR OPENINGS.

WORK CONTROL/DATUM

BREAK LINE

CENTER LINE

GRID LINE SYMBOL — 1

MATCHLINE SYMBOL

REVISION MARK — REVISION NO. / AREA OF REVISION

PROJECT REFERENCE NORTH

SHEET INDEX

TOTAL SHEET COUNT: 11

PROJECT TEAM

ARCHITECT
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 AND ASSOCIATES, INC.
838 EAST FRONT STREET, VENTURA, CA 93001
OFFICE: (805) 641-4012

ENGINEER: CRAIG HOOD
EMAIL ADDRESS: craig@choodassociates.com

PROJECT DATA

PROJECT LOCATION : 500 W. BARD RD, OXNARD, CA 93033

FIRE DISTRICT : COUNTY OF VENTURA

BUILDING OCCUPANCY : B

BUILDING CONSTRUCTION TYPE : V-B (NON SPRINKLERED)

ACTUAL LOBBY AREA : 200 SQ. FT.

NO NEW SQUARE FOOTAGE

PROJECT SCOPE

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 AND BETWEEN THE LOBBY AND ADMINISTRATION HALLWAY.
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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119340 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 4/2/19

OXNARD UNION HIGH SCHOOL DISTRICT
HUENEME HIGH SCHOOL
500 W. BARD RD, OXNARD, CA 93033
SITE SECURITY IMPROVEMENTS

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

ARCHITECT'S STAMP & SIGNATURE

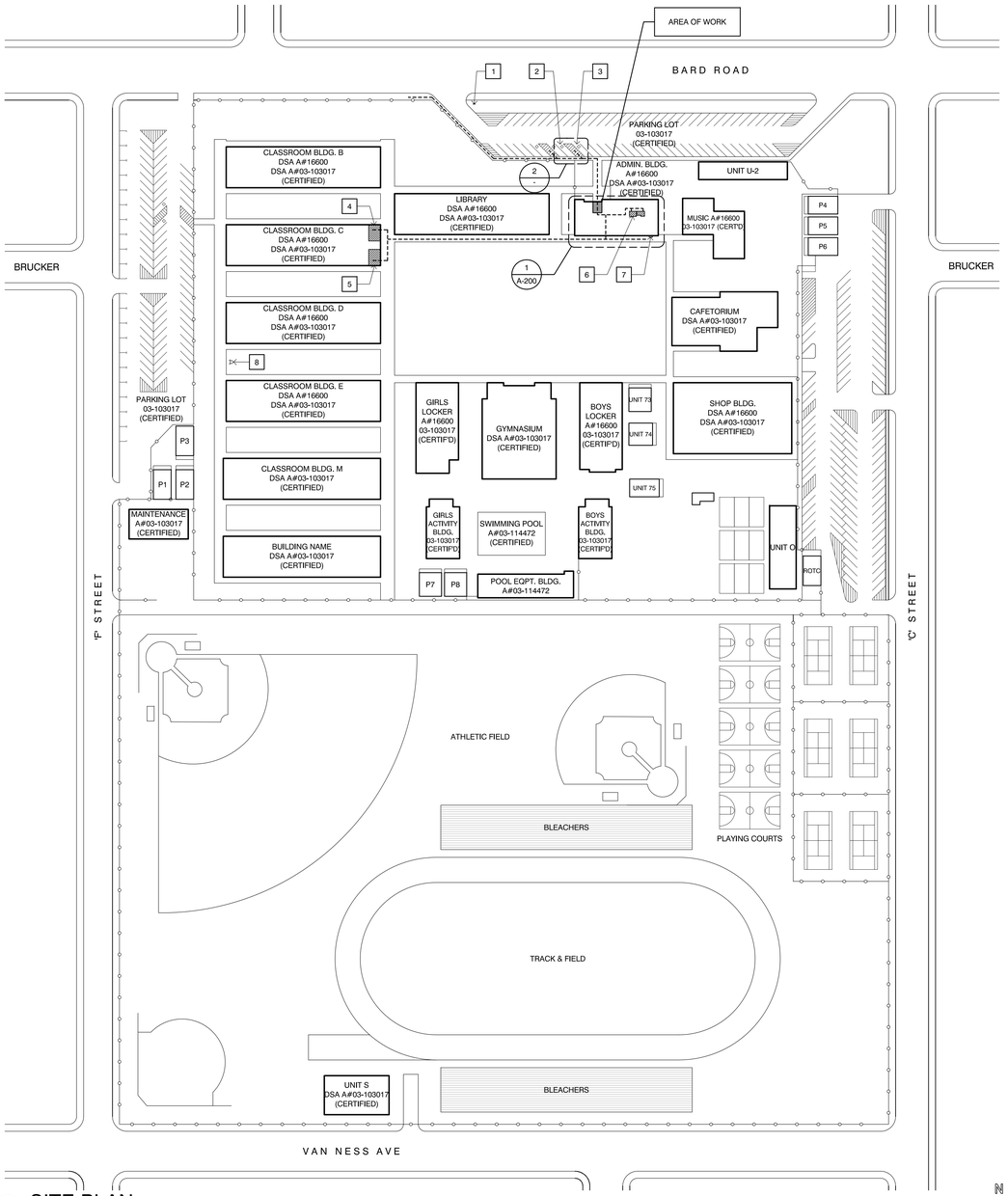
TODD A. JESPERSEN — No. C-25839 — Exp. 06/30/2019 — STATE OF CALIFORNIA

REVISION	DESCRIPTION	DATE	BY
5	-	-/-/-	XX
4	-	-/-/-	XX
3	-	-/-/-	XX
2	-	-/-/-	XX
1	-	-/-/-	XX

DRAWN JL
CHECKED TJ
DATE 1/18/2019
JOB. NO. 18016

SHEET TITLE: TITLE SHEET

SHEET: G-001



1 SITE PLAN
SCALE : 1" = 80'-0"

SITE PLAN KEYNOTES

1. REPLACE (E) PARKING LOT ENTRANCE SIGN WITH (N) IN COMPLIANCE WITH THE CURRENT ACCESSIBILITY CODE REQUIREMENTS (5/-)
2. (E) ACCESSIBLE PARKING SPACE IN COMPLIANCE WITH THE CURRENT ACCESSIBILITY CODE REQUIREMENTS (2/-)
3. (E) VAN ACCESSIBLE PARKING SPACE IN COMPLIANCE WITH THE CURRENT ACCESSIBILITY CODE REQUIREMENTS (2/-)
4. (E) ACCESSIBLE GIRLS RESTROOM (03-103017 CERTIFIED) (2/A-101)
5. (E) ACCESSIBLE BOYS RESTROOM (03-103017 CERTIFIED) (3/A-101)
6. (E) ACCESSIBLE STAFF RESTROOM (03-103017 CERTIFIED) (1/A-101)
7. (E) HI-LO DRINKING FOUNTAIN (03-103017 CERTIFIED)
8. (E) FIRE HYDRANT

GENERAL NOTES

1. PROTECT ALL EXISTING STRUCTURES, UTILITIES & LANDSCAPING DURING CONSTRUCTION.
2. PLANS WERE PREPARED USING AS-BUILT DRAWINGS RECEIVED FROM THE SCHOOL DISTRICT. THE CONTRACTOR SHALL FIELD VERIFY EXISTING ACTUAL CONDITIONS PRIOR TO START OF WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES .
3. CAMPUS-WIDE MODERNIZATION UNDER A-03-103017 (CERTIFIED).

PATH OF TRAVEL

--------- "ACCESSIBLE" PATH OF TRAVEL (P.O.T.) PER 03-103017 (CERTIFIED)

PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER FREE ACCESS IS AT LEAST 48" WIDE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAX. SLOPE. EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4"VERTICAL AND IS AT LEAST 48 INCHES WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%. UNLESS OTHERWISE NOTED, P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT.

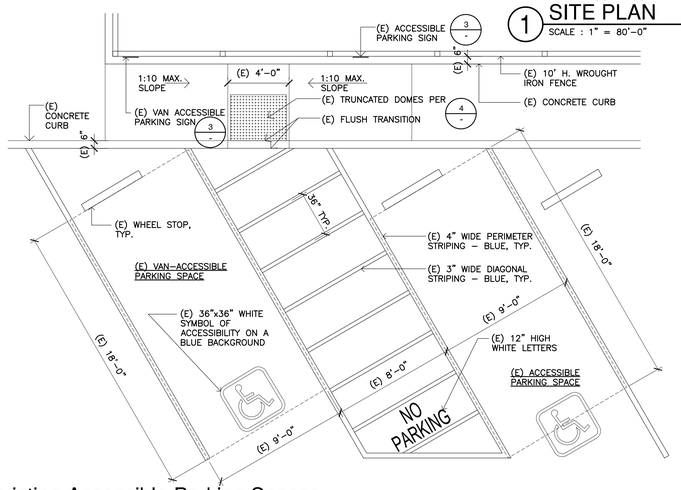
PATH OF TRAVEL (POT) AS VERIFIED BY ARCHITECT IS;

- A COMMON BARRIER FREE ACCESSIBLE ROUTE AT LEAST 48" WIDE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4"VERTICAL.
- THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH.
- PASSING SPACES AT LEAST 60" X 60" ARE LOCATED NOT MORE THAN 200' APART.
- CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS NOT MORE THAN 400' APART.
- CROSS-SLOPE DOES NOT EXCEED 2%.
- SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED AS A RAMP.
- MAINTAIN POT FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM. PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL OR EDGE AND 27" ABOVE FINISH GRADE.

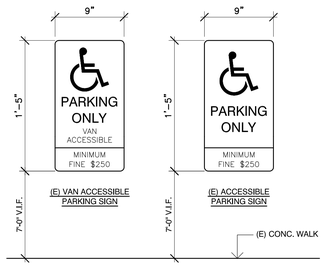
FOR GRATINGS LOCATED IN THE SURFACE OF ANY PEDESTRIAN WAYS AT PATH OF TRAVEL, GRID/OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2" MAX. IN THE DIRECTION OF TRAFFIC FLOW. IF SUCH CONDITION OCCURS, PROVIDE MANUFACTURER CUTSHEETS OF GRATE PROVIDED.

GATES SERVING THE MEANS OF EGRESS SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 1008. GATES USED AS A COMPONENT IN A MEANS OF EGRESS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS FOR DOORS. PROVIDE LEVER HARDWARE AND KICKPLATE. FIRE AND LIFE SAFETY MAY REQUIRE PANIC HARDWARE FOR EMERGENCY EXITING EVEN WITH THE SIGN. COORDINATE WITH FIRE AND LIFE SAFETY REQUIREMENTS.

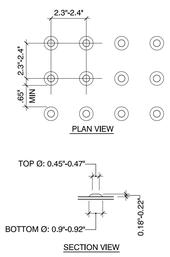
DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT
THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON COMPLIANT
1. HAVE BEEN IDENTIFIED
2. THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS.
DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NON CONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.



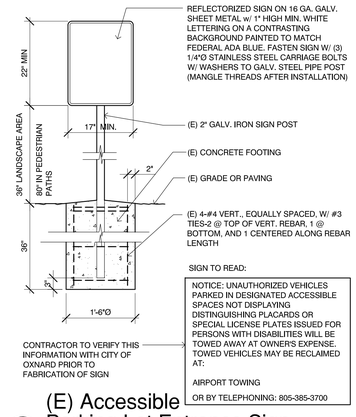
2 Existing Accessible Parking Spaces
SCALE : 1/4" = 1'-0"



3 (E) Accessible Parking Signage
SCALE: 1-1/2" = 1'-0"



4 Existing Truncated Domes
SCALE: 3"=1'-0"



5 (E) Accessible Parking Lot Entrance Sign
SCALE : 3/4" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119340 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 4/2/19

OXNARD UNION HIGH SCHOOL DISTRICT
HUENEME HIGH
500 W. BARD RD. OXNARD, CA 93030

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TELEPHONE (805) 650-1033

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ARCHITECTURAL ASSISTANT

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STAMP & SIGNATURE

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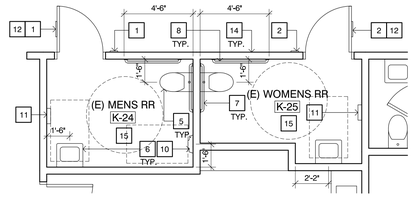
REVISION	DESCRIPTION	DATE	BY
5	-	-/-/-	XX
4	-	-/-/-	XX
3	-	-/-/-	XX
2	-	-/-/-	XX
1	-	-/-/-	XX

DRAWN PP/JL
CHECKED TJ
DATE 1/18/2019
JOB. NO. 18016

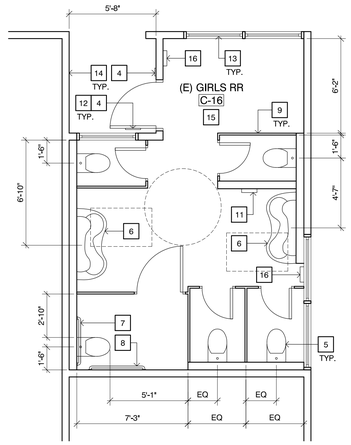
SHEET TITLE SITE PLAN
SITE DETAILS

SHEET
A-100



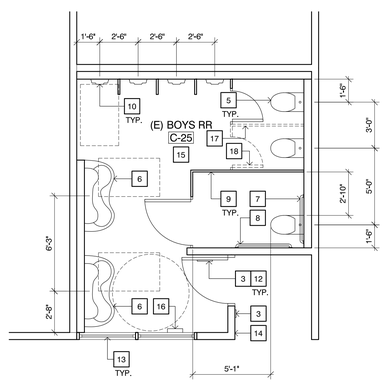
1 EXISTING STAFF RESTROOMS

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



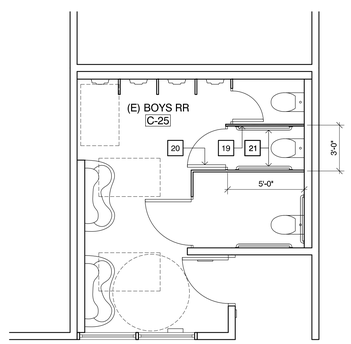
2 EXISTING GIRLS RESTROOMS

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



3 EXISTING BOYS RESTROOMS (DEMO)

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



4 EXISTING BOYS RESTROOMS (w/ NEW AMBULATORY TOILET STALL)

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

EXISTING RESTROOM KEYNOTES

1. UPDATE (E) MEN'S RESTROOM SIGNAGE IF NON-COMPLIANT (S5 / A-800)
2. UPDATE (E) WOMEN'S RESTROOM SIGNAGE IF NON-COMPLAINT (S4 / A-800)
3. UPDATE (E) BOY'S RESTROOM SIGNAGE IF NON-COMPLAINT (S3 / A-800)
4. UPDATE (E) GIRL'S RESTROOM SIGNAGE IF NON-COMPLAINT (S2 / A-800)
5. (E) WATER CLOSET TO REMAIN
6. (E) SINK TO REMAIN
7. (E) 36" S.S. GRAB BAR TO REMAIN
8. (E) 48" S.S. GRAB BAR TO REMAIN
9. (E) PARTITION TO REMAIN
10. (E) URINAL TO REMAIN
11. (E) HAND DRYER TO REMAIN
12. (E) DOOR TO REMAIN
13. (E) WINDOW TO REMAIN
14. (E) WALL TO REMAIN
15. (E) TILE FLOOR TO REMAIN
16. (E) PAPER TOWEL DISPENSER TO REMAIN
17. DEMO (E) PARTITION
18. DEMO (E) DOOR
19. (N) PARTITION
20. (N) DOOR
21. (N) 48" S.S. GRAB BAR

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OXNARD UNION HIGH SCHOOL DISTRICT
HUENEME HIGH SCHOOL
500 W. BARD RD. OXNARD, CA 93030

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ARCHITECTURAL ASSISTANT

ARCHITECT'S
STAMP & SIGNATURE

LICENSED ARCHITECT
TODD A. JESPERSEN
No. C-25839
Ren. 06/30/2019
STATE OF CALIFORNIA

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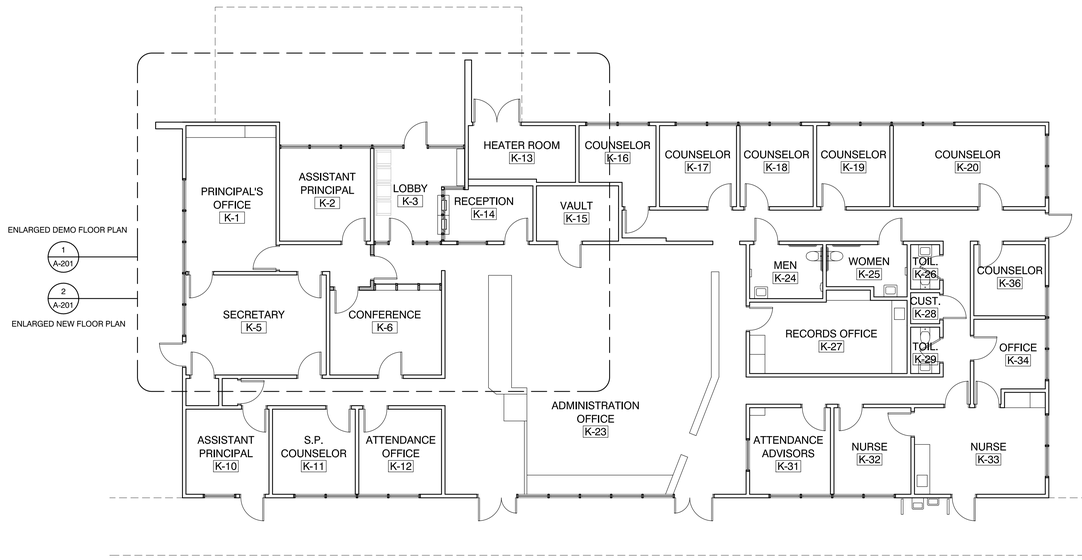
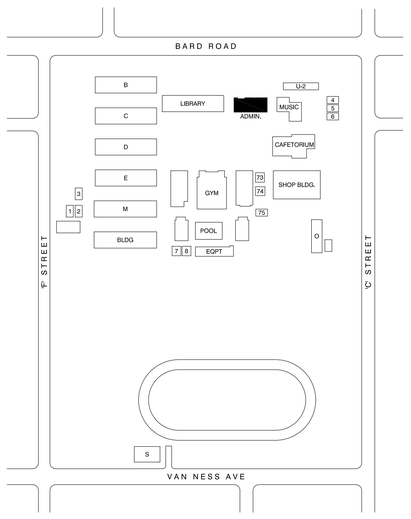
SHEET TITLE EXISTING RESTROOM PLANS

SHEET A-101



1 BUILDING 'K' FLOOR PLAN

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



KEY PLAN

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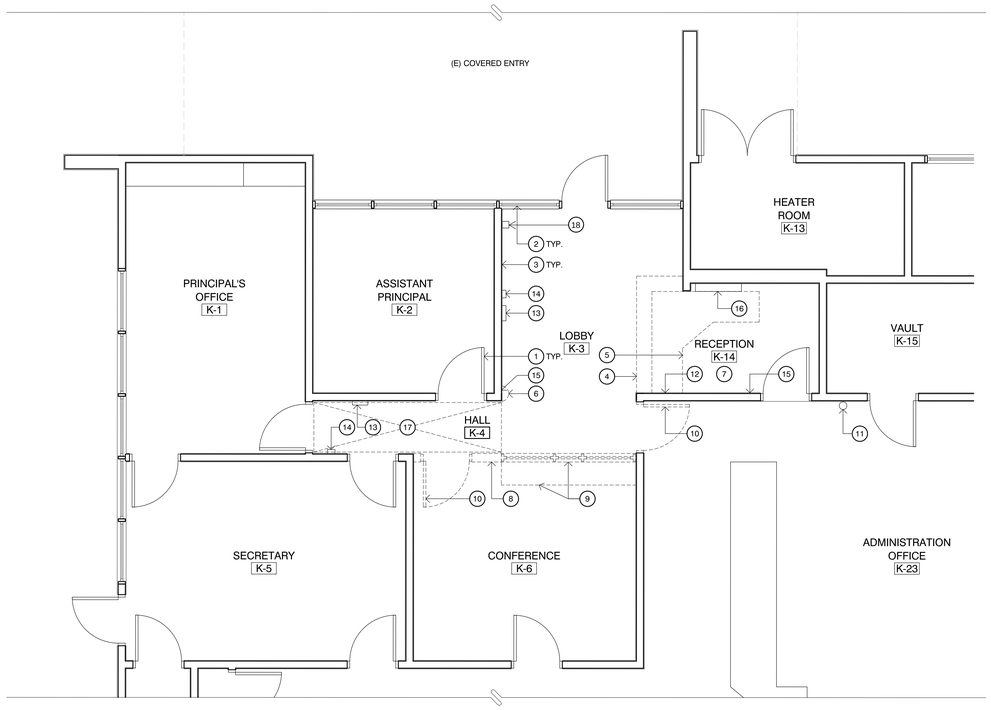
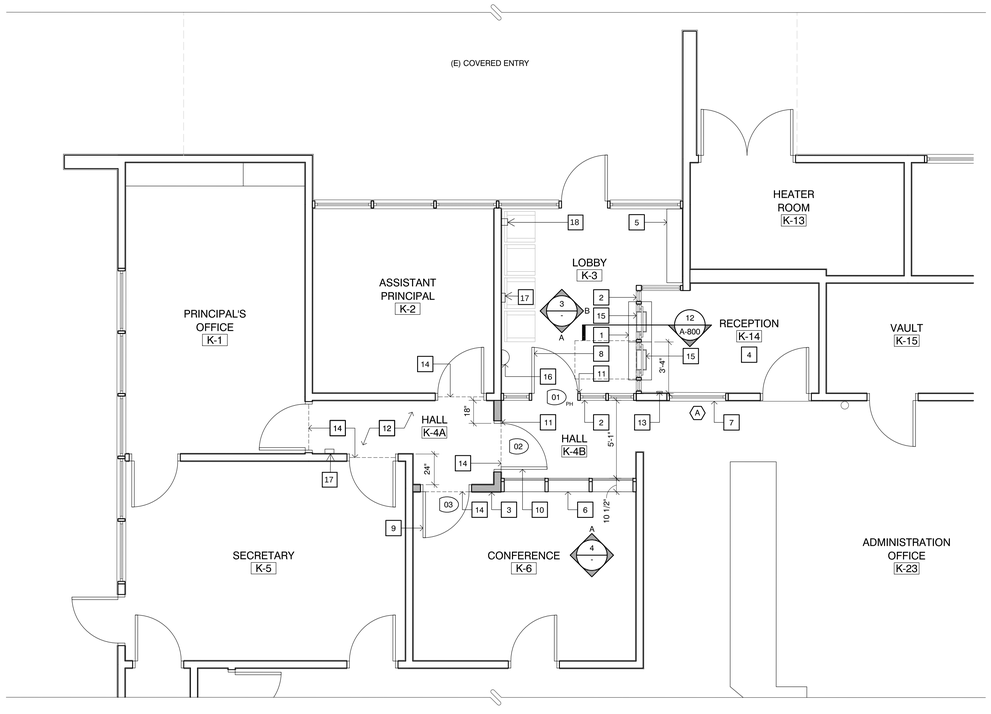
SHEET TITLE BUILDING 'K' FLOOR PLAN

SHEET A-200



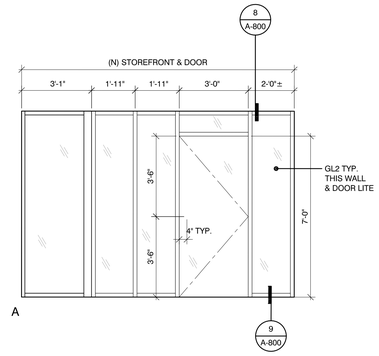
1 ENLARGED DEMO FLOOR PLAN

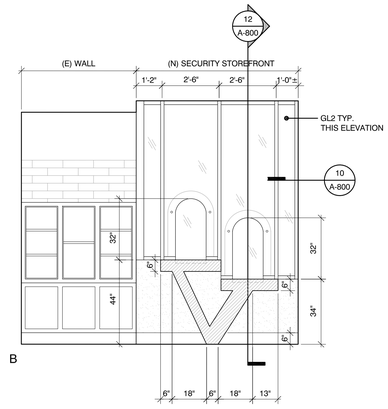
SCALE: 1/4" = 1' - 0"



2 ENLARGED NEW FLOOR PLAN

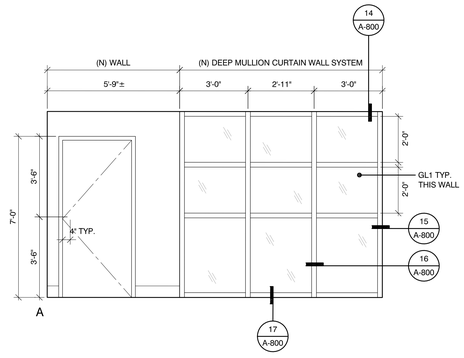
SCALE: 1/4" = 1' - 0"





3 INTERIOR ELEVATIONS - LOBBY

SCALE: 3/8" = 1' - 0"



4 INTERIOR ELEVATIONS - CONFERENCE

SCALE: 3/8" = 1' - 0"

DEMO PLAN KEYNOTES

1. (E) DOOR TO REMAIN
2. (E) WINDOW TO REMAIN
3. (E) WALL TO REMAIN
4. DEMO (E) COUNTER
5. REMOVE (E) WORKSTATION
6. RELOCATE (E) HALF-DOME SAFETY MIRROR
7. REMOVE (E) CARPET & RUBBER BASE
8. DEMO (E) WALL
9. DEMO (E) WINDOW & STOREFRONT/COUNTER ASSEMBLY
10. DEMO (E) DOOR & FRAME
11. (E) FIRE EXTINGUISHER TO REMAIN
12. (E) WALL OUTLET TO REMAIN
13. (E) EMERGENCY LIGHTING TO REMAIN
14. UPDATE (E) FIRE ALARM STROBE TO HORN/STROBE
15. (E) LIGHT SWITCH TO REMAIN
16. (E) FIRE ALARM PANEL TO REMAIN
17. (E) REMOVE (E) VCT & BASE FOR (N) WORK
18. (E) PULL STATION TO REMAIN

NEW PLAN & INTERIOR ELEVATIONS KEYNOTES

1. (N) HI-LO COUNTER
2. (N) SECURITY STOREFRONT ASSEMBLY
3. (N) WALL
4. (N) CARPET & RUBBER BASE
5. (N) TROPHY DISPLAY CASE
6. (N) 10 1/2" DEEP MULLION CURTAIN WALL SYSTEM w/ 1/4" LAMINATED SAFETY GLASS
7. (N) 4' W. WINDOW
8. (N) STOREFRONT DOOR
9. (N) DOOR
10. (N) DOOR WITH VISION PANEL
11. (N) CARD ACCESS
12. (N) VCT TO MATCH (E)
13. (N) DOOR ACCESS CONTROLS @ +36" AFF
14. (N) ALUMINUM TRANSITION STRIP
15. (N) BULLET-TRAP RECESSED CURRENCY TRAY
16. (N) LOCATION FOR (E) HALF-DOME SAFETY MIRROR
17. (N) FIRE ALARM HORN/STROBE
18. (E) PULL STATION TO REMAIN

LEGEND

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

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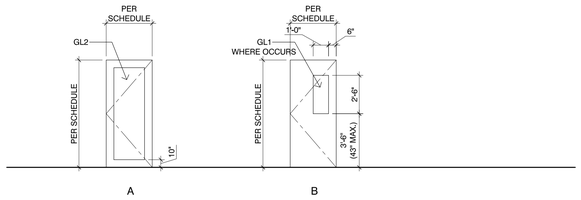
SHEET TITLE: ENLARGED DEMO FLOOR PLAN; ENLARGED NEW FLOOR PLAN; INTERIOR ELEVATIONS

SHEET

A-201

DOOR, FRAME AND SIGNAGE MESSAGE SCHEDULE

DOOR	DOOR INFO																					SIGNAGE INFO						
	DOOR OPENING		DOOR					CUTOUTS		HDWR GROUP	ASS'Y FIRE RATING	FRAME				DETAILS					DOOR REMARKS	SIGN TYPE/ SEE DETAIL SIDE OF DOOR		DESCRIPTION		MESSAGE		SIGNAGE REMARKS
	WIDTH	HEIGHT	TYPE	MAT'L	THICK	FIN	COLOR	LITE	LVR			TYPE	MAT'L	FIN	COLOR	HEAD	JAMB	SILL	SIGNAGE			PULL SIDE	PUSH SIDE	PULL SIDE	PUSH SIDE	PULL SIDE	PUSH SIDE	
1	3'-0"	7'-0"	A	BR	1 3/4"	FF	TBD	1	-	01	-	1	HM	FF	TBD	4 A-800	4 A-800	4 A-800	7 A-800	G1 A-800	S1 A-800	CARD READER & ACCESS CONTROL PANIC HARDWARE	S1	S1	-	◇	OFFICE	EXIT	-
2	3'-0"	7'-0"	B	SC WD	1 3/4"	P.LAM	TBD	1	-	02	-	1	HM	PT	TBD	4 A-800	4 A-800	4 A-800	7 A-800	G1 A-800	S1 A-800	CARD READER & ACCESS CONTROL	S1	S1	-	◇	PRINCIPAL ASSISTANT PRINCIPAL	EXIT	-
3	3'-0"	7'-0"	B	SC WD	1 3/4"	P.LAM	TBD	-	-	02	-	1	HM	PT	TBD	4 A-800	4 A-800	4 A-800	7 A-800	G1 A-800	S1 A-800		S1	S1	-	◇	EXIT	CONFERENCE	-

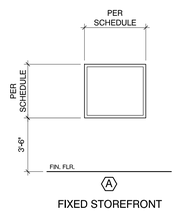


DOOR TYPES
SCALE: 1/4" = 1'-0"

DOOR FRAME TYPES
SCALE: 1/4" = 1'-0"

WINDOW & LOUVER SCHEDULE

WINDOW TYPE	NOMINAL SIZE		FRAME			GLASS (2)		SCREEN	ASS'Y FIRE RATING	DETAILS				• REFER TO GLAZING SCHEDULE IN THE SPECIFICATION. • ALL DIMENSIONS ARE APPROXIMATE AND MUST BE FIELD VERIFIED BY CONTRACTOR PRIOR TO FABRICATION.
	WIDTH	HEIGHT	MATERIAL	FIN	COLOR	TYPE	THK			HEAD	L JAMB	R JAMB	SILL	REMARKS
A	4'-0"	3'-6"	ALUM.	FF	TBD	GL-1	1/4"	-	NONE	18 A-800	18 A-800	18 A-800	18 A-800	FIXED STOREFRONT



FIXED STOREFRONT

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

DOOR & WINDOW 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) - X" 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
BR BULLET-RESISTANT
P.LAM PLASTIC LAMINATE

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 AND WINDOWS 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.
5. PANIC HARDWARE SHALL CONTAIN A MINIMUM OF TWO LOCKING POINTS ON EACH DOOR.
6. 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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SHEET TITLE DOOR & WINDOW SCHEDULE

SHEET A-401

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR				BASE				WAINSCOT				WALLS												CEILING				REMARKS
														NORTH				EAST				SOUTH				WEST					
		SUB FLOOR	FLOOR MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR		MATERIAL	FINISH	COLOR	HEIGHT	MATERIAL	FINISH	COLOR		MATERIAL	FINISH	COLOR		MATERIAL	FINISH	COLOR		MATERIAL	FINISH	COLOR		MATERIAL	FINISH	COLOR	HEIGHT	
K-3	LOBBY	F1	F3	-	-	B1	FN1	C2		-	-	-	-	W1	FN2	P1		W2	FN2	P1		W5	FN1	-		W1	FN2	P1		CL1	-	-	VARIES	
K-4A	HALL	F1	F4	FN1	C4	B1	FN1	C2		-	-	-	-	W1	FN2	P1		W2	FN2	P1		W2	FN2	P1		W1	FN2	P1		CL1	-	-	VARIES	
K-4B	HALL	F1	F3	-	-	B1	FN1	C2		-	-	-	-	W5	FN1	-		W1	FN2	P1		W5	FN1	-		W2	FN2	P1		CL1	-	-	VARIES	
K-6	CONFERENCE	F1	F3	-	-	B1	FN1	C2		-	-	-	-	W2	FN2	P1		W1	FN2	P1		W1	FN2	P1		W1	FN2	P1		CL1	-	-	VARIES	
K-14	RECEPTION	F1	F2	FN1	C1	B1	FN1	C2		-	-	-	-	W2	FN2	P1		W1	FN2	P1		W1	FN2	P1		W2	FN2	P1		CL1	-	-	VARIES	

MATERIALS LEGEND

Subfloor,flooring	F1	(E) CONCRETE SUBFLOOR
	F2	(N) CARPET
	F3	(E) VCT
	F4	(N) VCT
Base	B1	(N) 4" RUBBER BASE
Walls	W1	(E) GYP. BRD.
	W2	(N) GYP. BRD.
	W3	(N) CERAMIC TILE
	W4	(N) FIBERGLASS REINFORCED PLASTIC (FRP) PANELS
	W5	(N) SECURITY STOREFRONT
Ceilings	CL1	(E) ACOUSTICAL PANELS
	CL2	(N) ACOUSTICAL PANELS
	CL3	(E) GYP. BRD. CEILING
Finish	FN1	FACTORY FINISH
	FN2	PAINT

MISC COLOR LEGEND

C1 CARPET FLOORING COLOR TO MATCH EXISTING

C2 RUBBER BASE COLOR TO MATCH EXISTING

C3 'TECTUM' ACOUSTIC CEILING PANEL COLOR TO BE DETERMINED

C4 VCT FLOORING COLOR TO MATCH EXISTING

PAINT COLOR LEGEND

P1 DUNN EDWARDS, PAINT COLOR: T.B.D. (WALLS & CEILINGS)

P2 DUNN EDWARDS, PAINT COLOR: T.B.D. (INTERIOR DOOR FRAMES)

P3 DUNN EDWARDS, PAINT COLOR: T.B.D. (EXTERIOR DOOR FRAMES)

KEYNOTES

1 NOT USED

GENERAL NOTES

1. DIRECTIONAL LOCATIONS INDICATED ON ROOM FINISH SCHEDULES ARE ORIENTATED ACCORDING TO TRUE NORTH AS SHOWN ON PLAN
2. ALL WALLS TO BE PAINTED P1 U.N.O.
3. ALL DOOR FRAMES TO BE PAINTED PAINT SYSTEM P28J. SEE DOOR SCHEDULE FOR COLORS.
4. ALL METAL DOORS TO BE PAINTED PAINT SYSTEM P28B. SEE DOOR SCHEDULE FOE COLORS.
5. PROVIDE TRANSITIONS AT ALL FLOORING MATERIAL CHANGES - REF DETAILS THIS SHEET.
6. ALL MATERIALS TO MEET CBC TABLE 8A FOR FRAME SPREAD.
7. INTERIOR WALL AND CEILING FINISHES SHALL BE CLASSIFIED FOR FIRE PERFORMANCE AND SMOKE DEVELOPMENT PER 2016 CALIFORNIA BUILDING CODE, SEC. 803.
8. INTERIOR WALL AND CEILING FINISHES SHALL BE CLASSIFIED BY OCCUPANCY PER TABLE 803.9 OR BE TESTED PER SEC. 803.12 (NFPA 286 CRITERIA) OF 2016 CALIFORNIA BUILDING CODE.
9. TEXTILE WALL AND VINYL COVERINGS SHALL BE TESTED PER SEC. 803.1.3 ACCEPTANCE CRITERIA OF NFPA 265 OR PER SEC. 803.1.4 ACCEPTANCE CRITERIA TESTED TO ASTM E84 OR UL 723 CLASS A FLAME SPREAD INDEX AND HAVE AFSS PER SEC. 903.1.1 OR 903.1.1.2, 2010 CALIFORNIA BUILDING CODE.
   a. EXCEPTION: 803.2 MATERIALS LESS THAN 0.036" THICK APPLIED DIRECTLY NEED NOT BE TESTED.
   b. PER SEC. 803.5 , TEXTILE WALL COVERINGS, INCLUDING CARPET, SHALL BE TESTED USING PRODUCT MOUNTING SYSTEM INCLUDING ADHESIVE.
   c. PER SEC. 803.6 , TEXTILE CEILING COVERINGS SHALL BE TESTED USING PRODUCT MOUNTING SYSTEM INCLUDING ADHESIVE.
   d. PER SEC. 803.7 , EXPANDED VINYL WALL COVERINGS SHALL BE TESTED USING PRODUCT MOUNTING SYSTEM INCLUDING ADHESIVE.
   e. PER SEC. 803.8 , EXPANDED VINYL CEILING COVERINGS SHALL BE TESTED USING PRODUCT MOUNTING SYSTEM INCLUDING ADHESIVE.
   f. PER SEC. 803.810, STABILITY - INTERIOR FINISH MATERIALS WILL NOT BECOME READILY DETACHED WHERE SUBJECTED TO ROOM TEMP. OF 200 DEG. F FOR 30 MIN.
10. DECORATIVE TRIM & MATERIALS SHALL COMPLY WITH 2016 CALIFORNIA BUILDING CODE.
11. THERMAL AND ACOUSTICAL INSULATION SHALL COMPLY WITH SEC. 719, 2010 CALIFORNIA BUILDING CODE.

ROOM FINISH NOTES

1. ALL FINISHES SHALL COMPLY WITH CBC CHAPTERS 3, 4, 6, 7, 8, 10 AND 11B 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.
9. ALL FINISH FLOORING SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT.

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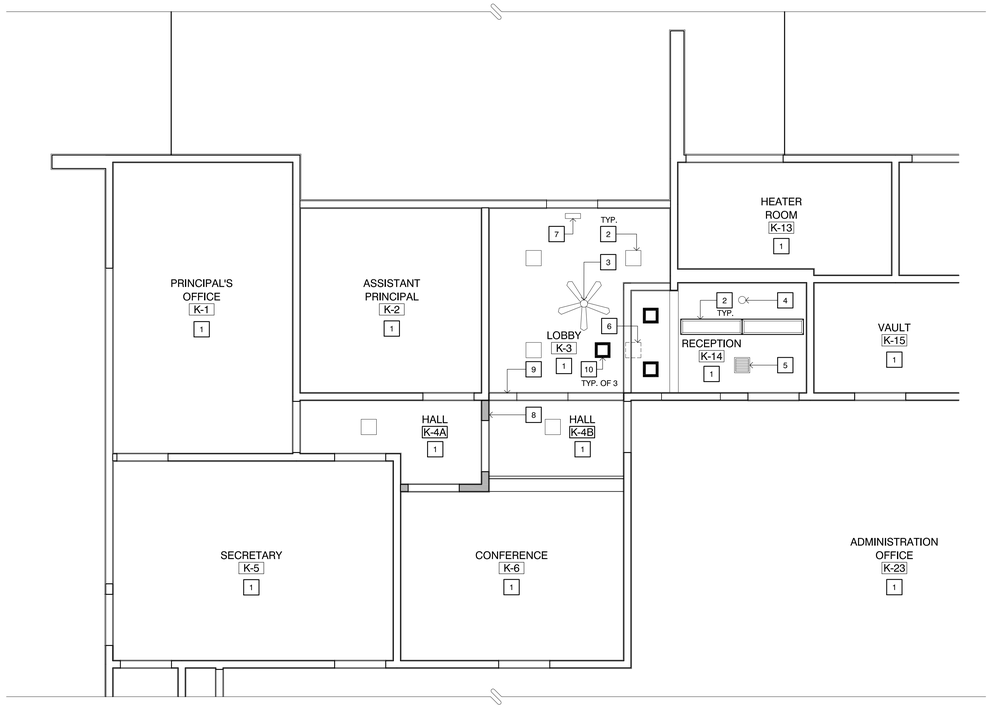
4	-	-/-/-	XX
3	-	-/-/-	XX
2	-	-/-/-	XX
1	-	-/-/-	XX

DRAWN JL
CHECKED TJ
DATE 1/18/2019
JOB. NO. 18016

SHEET TITLE ROOM FINISH SCHEDULE

SHEET A-402



1 REFLECTED CEILING PLAN

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

CEILING PLAN KEYNOTES

1. (E) CEILING TO REMAIN
2. (E) LIGHT FIXTURE TO REMAIN
3. (E) CEILING FAN TO REMAIN
4. (E) SMOKE DETECTOR TO REMAIN
5. (E) GRILLE TO REMAIN
6. REMOVE (E) LIGHT FIXTURE, PATCH CEILING TO MATCH (E)
7. (E) EXIT SIGN TO REMAIN
8. (N) WALL - FROM FLOOR TO CEILING
9. (N) SECURITY STOREFRONT
10. (N) LIGHT FIXTURE: LITHONIA WF6-SQ-S-LED-3500K-MW WITH WFJBU HANGER & WFEX CABLE AS REQUIRED

LEGEND

(N) WALL, MATCH (E) ADJACENT FINISHES

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119340 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 4/2/19

OXNARD UNION HIGH SCHOOL DISTRICT
HUENEME HIGH SCHOOL
500 W. BARD RD., OXNARD, CA 93030

SITE SECURITY IMPROVEMENTS

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

TODD A. JESPERSEN, AIA
PRINCIPAL-IN-CHARGE

JONATHAN D. LEE
ARCHITECTURAL ASSISTANT

ARCHITECTS STAMP & SIGNATURE

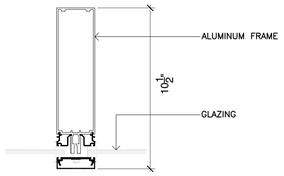
REGISTERED ARCHITECT
TODD A. JESPERSEN
No. C-25839
Ren. 08/30/2019
STATE OF CALIFORNIA

REVISION	DESCRIPTION	DATE	BY
5	-	-/-/-	XX
4	-	-/-/-	XX
3	-	-/-/-	XX
2	-	-/-/-	XX
1		-/-/-	XX

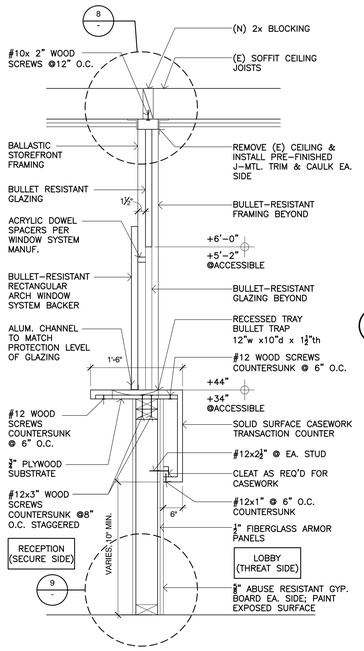
DRAWN JL
CHECKED TJ
DATE 1/18/2019
JOB. NO. 18016

SHEET TITLE REFLECTED CEILING PLAN

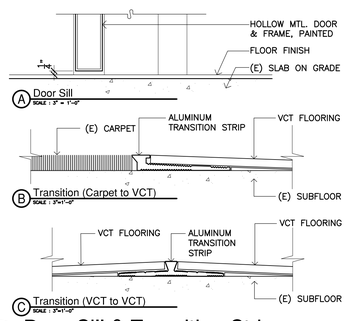
SHEET A-600



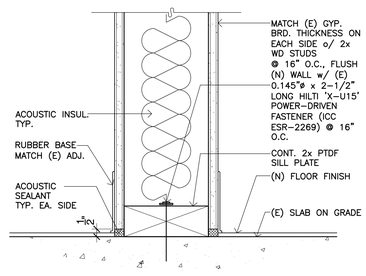
16 Deep Mullion Curtain Wall Mullion
SCALE: 3" = 1'-0"



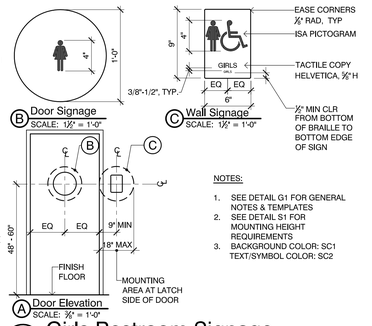
12 Storefront Wall Section
SCALE : 1" = 1' - 0"



7 Door Sill & Transition Strip
SCALE: 3" = 1'-0"



2 Non-bearing Interior Wall to Conc.
SCALE : 3"=1'-0"



NOTES:
1. SEE DETAIL G1 FOR GENERAL NOTES & TEMPLATES
2. SEE DETAIL S1 FOR MOUNTING HEIGHT REQUIREMENTS
3. BACKGROUND COLOR: SC1
TEXT/SYMBOL COLOR: SC2

S2 Girls Restroom Signage
SCALE: AS NOTED

A. RAISED CHARACTERS PER CBC 11B-703.2

1. **DEPTH:** RAISED CHARACTERS SHALL BE 1/32" MINIMUM ABOVE THEIR BACKGROUND.
2. **CASE:** CHARACTERS SHALL BE UPPERCASE.
3. **STYLE:** CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS
4. **CHARACTER PROPORTIONS:** CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I".
5. **CHARACTER HEIGHT:** CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE ⅝" MINIMUM AND 2" MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I".
6. **STROKE THICKNESS:** STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15% MAXIMUM OF THE HEIGHT OF THE CHARACTER.
7. **CHARACTER SPACING:** CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8" MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16" MIN AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAX AT THE BASE OF THE CROSS SECTIONS, AND 1/8" MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS ⅜" MIN.
8. **LINE SPACING:** SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135% MINIMUM AND 170% MAXIMUM OF THE RAISED CHARACTER HEIGHT.
9. **FORMAT:** TEXT SHALL BE IN A HORIZONTAL FORMAT.

B. BRAILLE: CONTRACTED (GRADE 2) PER 11B-703.3 & 11B-703.4

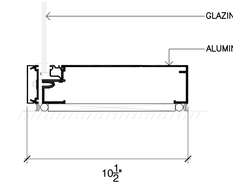
1. **DIMENSIONS AND CAPITALIZATION:** BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 11B-703.3.1. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS.
2. **POSITION:** BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT IN A HORIZONTAL FORMAT, FLUSH LEFT OR CENTERED. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED ⅜" MINIMUM AND 2" MAXIMUM FROM ANY OTHER TACTILE CHARACTERS AND ⅜" MIN FROM RAISED BORDERS AND DECORATIVE ELEMENTS. EXCEPTION: BRAILLE PROVIDED ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED BY 1/16" MINIMUM AND SHALL BE LOCATED EITHER DIRECTLY BELOW THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS.

C. VISUAL CHARACTERS PER CBC 11B-703.5

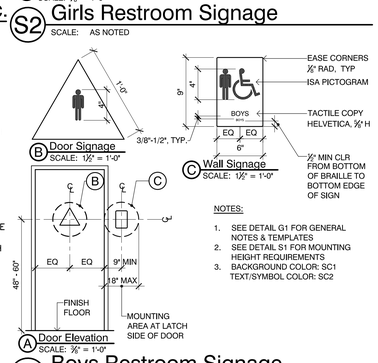
1. SHALL COMPLY WITH CBC 11B-703.2 & 11B-703.3
2. **FINISH & CONTRAST:** CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
3. **STROKE THICKNESS:** STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 10% MINIMUM AND 20% MAXIMUM OF THE HEIGHT OF THE CHARACTER.

SIGN BACKGROUND (FIELD) COLOR SC1: FILL IN COLOR
SIGN TEXT/SYMBOL COLOR SC2: FILL IN COLOR

A SIGNAGE GENERAL NOTES
SCALE: NTS



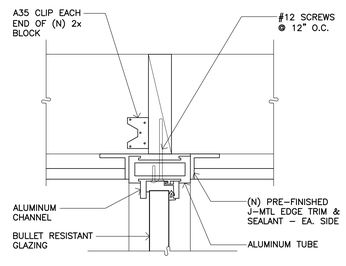
17 Deep Mullion Curtain Wall Sill
SCALE: 3" = 1'-0"



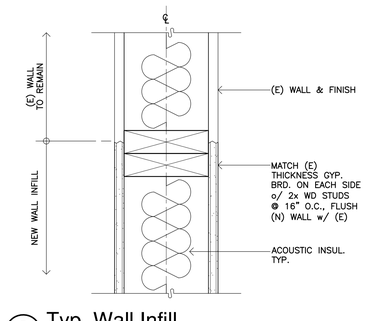
NOTES:
1. SEE DETAIL G1 FOR GENERAL NOTES & TEMPLATES
2. SEE DETAIL S1 FOR MOUNTING HEIGHT REQUIREMENTS
3. BACKGROUND COLOR: SC1
TEXT/SYMBOL COLOR: SC2

S3 Boys Restroom Signage
SCALE: AS NOTED

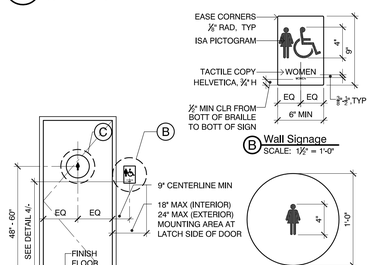
7 Door Sill & Transition Strip
SCALE: 3" = 1'-0"



8 Storefront Head (Jamb Sim.)
SCALE: 3" = 1'-0"



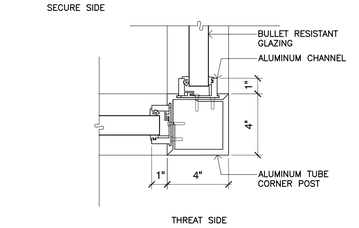
3 Typ. Wall Infill
SCALE : 3"=1'-0"



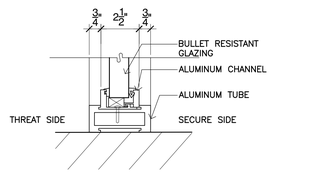
S4 Womens Restroom Signage
SCALE: AS NOTED

B NOT USED
SCALE: -

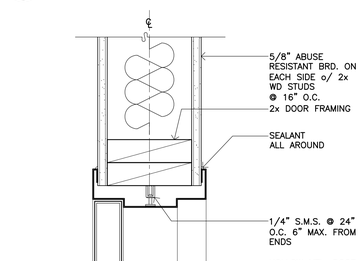
MEASUREMENT RANGE	MINIMUM IN INCHES MAXIMUM IN INCHES
DOT BASE DIAMETER	0.059 to 0.063
DISTANCE BETWEEN TWO DOTS IN THE SAME CELL	0.100
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS	0.300
DOT HEIGHT	0.025 to 0.037
DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW	0.395 to 0.400



13 Storefront Corner
SCALE: 3" = 1'-0"

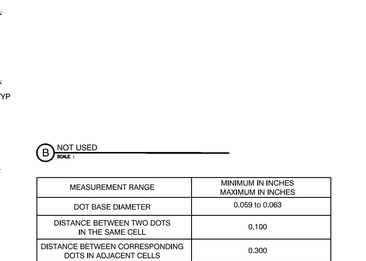


9 Storefront Sill
SCALE: 3" = 1'-0"



4 Head at Interior Door (Jamb Sim.)
SCALE : 3"=1'-0"

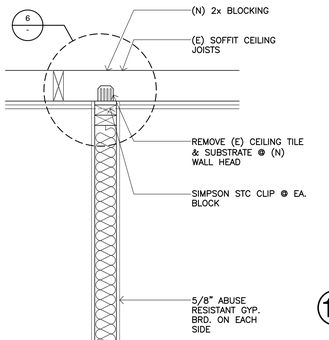
S5 Mens Restroom Signage
SCALE: AS NOTED



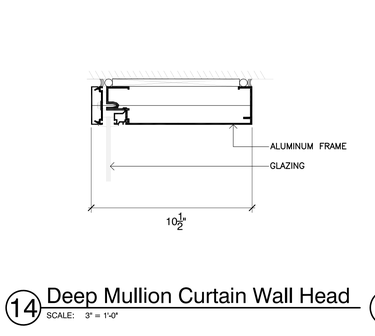
C BRAILLE SPACING & SHAPE TEMPLATE
SCALE: -

D BRAILLE POSITION
SCALE: -

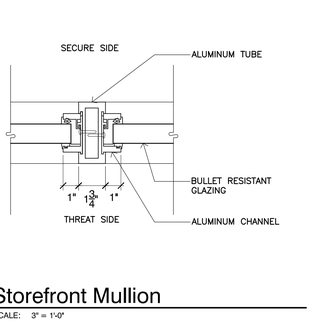
G1 Signage General Notes & Templates
SCALE : NONE



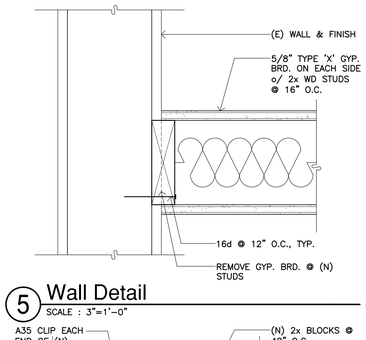
19 Wall Section
SCALE : 1" = 1' - 0"



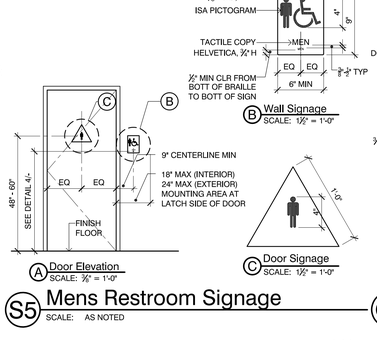
14 Deep Mullion Curtain Wall Head
SCALE: 3" = 1'-0"



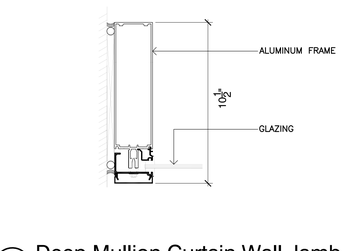
10 Storefront Mullion
SCALE: 3" = 1'-0"



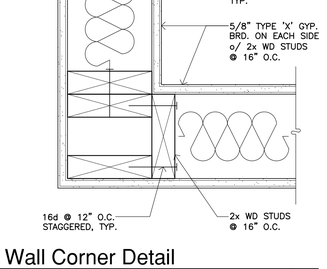
5 Wall Detail
SCALE : 3"=1'-0"



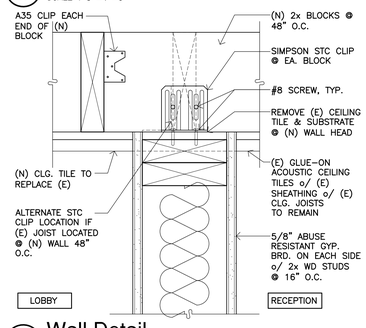
S5 Mens Restroom Signage
SCALE: AS NOTED



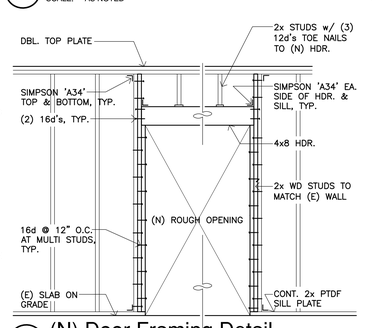
15 Deep Mullion Curtain Wall Jamb
SCALE: 3" = 1'-0"



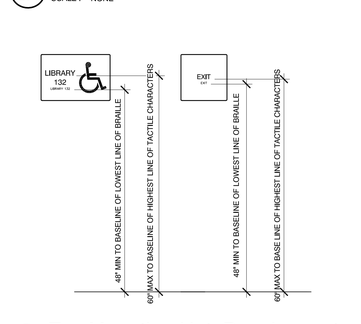
11 Wall Corner Detail
SCALE : 3"=1'-0"



6 Wall Detail
SCALE : 3"=1'-0"



1 (N) Door Framing Detail
SCALE : N.T.S.



S1 Typ Mounting Hgt. Requirements
SCALE: AS NOTED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119340 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 4/2/19

OXNARD UNION HIGH SCHOOL DISTRICT
HUENEME HIGH SCHOOL
5900 W. BARD RD. OXNARD, CA 93035

SITE SECURITY IMPROVEMENTS

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

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JONATHAN D. LEE
ARCHITECTURAL ASSISTANT

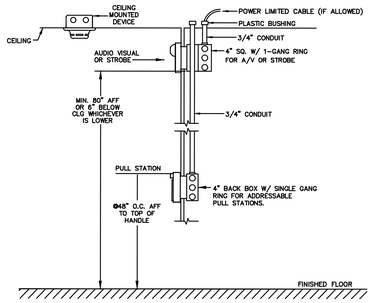
ARCHITECT'S STAMP & SIGNATURE
REGISTERED ARCHITECT
TODD A. JESPERSEN
No. C-25839
Ren. 08/30/2019
STATE OF CALIFORNIA

REVISION	DESCRIPTION	DATE	BY
5			
4			
3			
2			
1			

DRAWN PP/JL
CHECKED TJ
DATE 1/18/2019
JOB. NO. 18016

SHEET TITLE DETAILS

SHEET A-800



COMMON AREA
3 MOUNTING HEIGHT & ROUGH-IN DETAIL
SCALE: NONE

FIRE ALARM SYSTEM LEGEND

SYMBOL	DESCRIPTION	MODEL #	C.S.F.M. #	BACK BOX REQUIREMENTS
[SD]	HORN\STROBE 30CD	GENTEX GEC24-30WR	7135-0569:122	4" SQUARE DEEP BOX

WIRE CHART		
SYMBOL	CIRCUIT USE	1/2"C. & WIRE DESCRIPTION
S	INITIATION SIGNALLING LINE CIRCUIT	2#14 THHN IN CONDUIT OR FPLR
A	AUDIBLE NOTIFICATION CIRCUIT	2#12 TWISTED SHIELDED PAIR
V	VISUAL NOTIFICATION CIRCUIT	2#12 THHN IN CONDUIT OR FPLR

SEQUENCE OF OPERATION				
BUILDING 'B' ONLY	BUILDING POWER FAILURE	SMOKE + HEAT DETECTOR	MANUAL PULL STATION	HOOD SUPPRESSION
ANNUNCIATE AT FIRE ALARM CONTROL PANEL ALARM AND TROUBLE	YES	YES	YES	YES
ACTIVATE AUDIBLE AND VISUAL SIGNALS	YES	YES	YES	YES

BUILDING K
BATTERY CALCULATIONS

	DEVICE TYPE	QTY	CURRENT STAND-BY	TOTAL CURRENT STAND-BY	CURRENT ALARM	TOTAL CURRENT ALARM
(EXISTING)	HORN OUTDOOR	4	-	-	0.038	0.152
(EXISTING)	STROBE 15cd	11	-	-	0.046	0.506
(NEW ADDED 2)	STROBE 30cd	5	-	-	0.063	0.315
(NEW ADDED 2)	HORN	2			0.056	0.112
(EXISTING)	SMOKE DETECTOR	3	0.0003	0.0006	0.0071	0.014
(EXISTING)	FACP-K	1	0.060	0.060	0.120	0.120
	TOTALS		TOTAL STAND-BY	0.0606	TOTAL ALARM	1.219

COMPUTATIONS		
TOTAL AMPS USED IN STAND-BY:	0.060 AMP X 24 HOURS	= 1.440 AMP-HOUR
TOTAL AMPS USED IN ALARM:	1.219 AMPS X 0.083 (5 MINUTES)	+ 0.101 AMP-HOUR
TOTAL STAND-BY BATTERY REQUIREMENTS:		=1.541 AMP-HOUR
	TOTAL BACKUP BATTERY PROVIDED	= 7.00 AMP-HOUR
	TOTAL BACKUP BATTERY REQUIRED 0.541 AMP-HOUR X (3R)	=1.926 AMP-HOUR
	TOTAL BACKUP BATTERY RESERVED	=5.07 AMP-HOUR

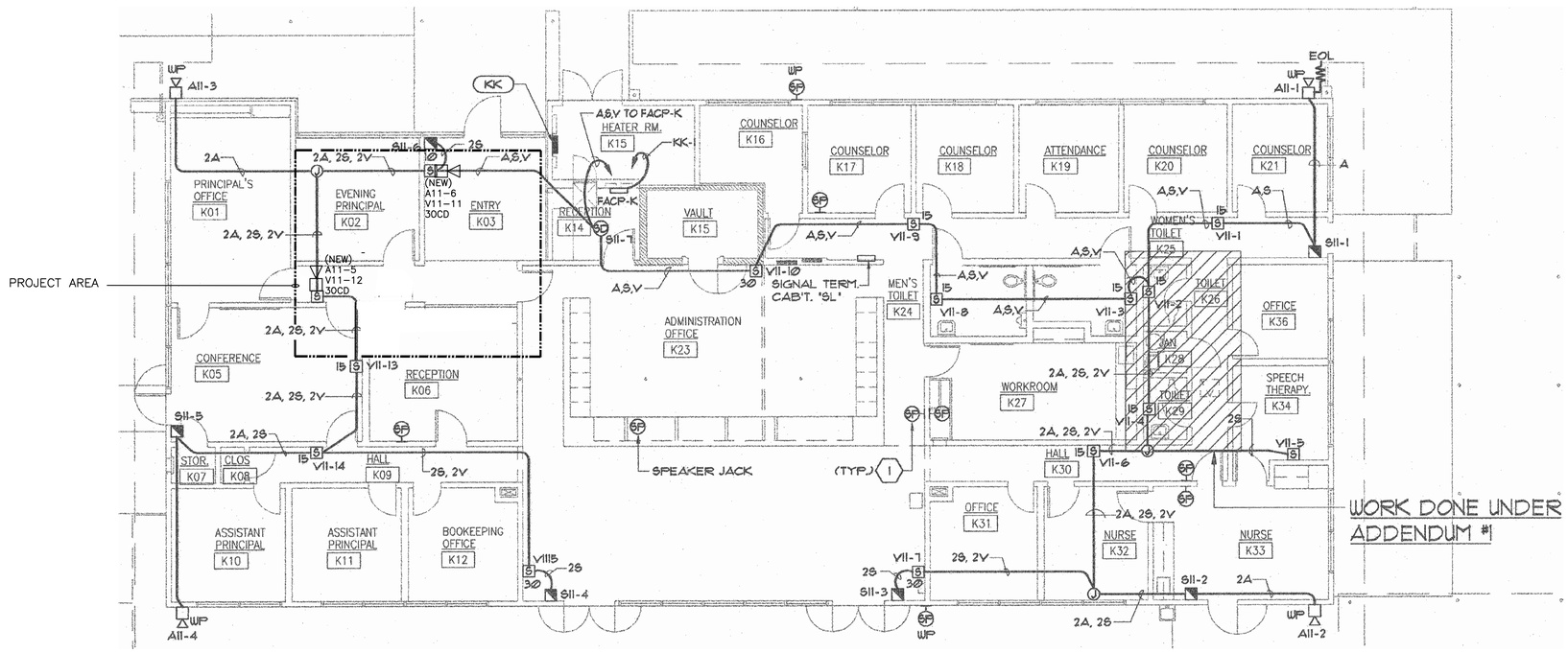
BUILDING K
VOLTAGE DROP CALCULATION

	DEVICE TYPE	QUANTITY	CURRENT ALARM	TOTAL CURRENT ALARM
(EXISTING)	STROBE 15cd	11	0.021	0.231
(NEW ADDED 2)	STROBE 30cd	5	0.057	0.228
(EXISTING)	STROBE 60cd	-	0.082	-
(EXISTING)	STROBE 110cd		0.102	
(NEW ADDED 2)	HORN	2	0.056	0.112
	TOTALS			0.571

LENGTH OF RUN TO LAST DEVICE:	= 150 FEET
WIRE:	= #12 THHN COPPER
CIRCULAR MIL:	= 6530
CONSTANT:	= 21.6 FOR COPPER

COMPUTATIONS		
VOLTAGE DROP FORMULA:		$\%VD = \frac{0.571 \times 150 \times 21.6}{6530}$
$\%VD = \frac{AMPS \times LENGTH \times 21.6}{CIRCULAR\ MIL}$		$= 0.340$
$\%VD = \frac{VD}{VOLTAGE} \times 100$		$\%VD = \frac{0.340}{24VC} \times 100 = 4.42\%$

1 BUILDING K REVISED CALCULATIONS FROM APPROVED DSA RECORD DRAWINGS APPL #03 103017
SCALE: NONE



2 BUILDING K REVISED FIRE ALARM RISER DIAGRAM
SCALE: NONE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119340 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 4/2/19

OXNARD UNION HIGH SCHOOL DISTRICT
HUENEME HIGH SCHOOL
500 W. BARD RD. OXNARD, CA 93030

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TODD A. JESPERSEN, AIA
PRINCIPAL-IN-CHARGE

JONATHAN D. LEE
ARCHITECTURAL ASSISTANT

ARCHITECT'S STAMP & SIGNATURE

LICENSED ARCHITECT TODD A. JESPERSEN No. C-25839 Exp. 06/30/2019 STATE OF CALIFORNIA

ENGINEERS STAMP & SIGNATURE

REGISTERED PROFESSIONAL ENGINEER CRAIG C. HOOD 15392 EXP 6-30-19 ELECTRICAL STATE OF CALIFORNIA

C. HOOD & ASSOCIATES, INC.
CONSULTING ELECTRICAL ENGINEERS
858 East Front Street Phone (805) 641-4012
Ventura, California 93001 Fax (805) 641-0450
www.choodassociates.com

REVISION	DESCRIPTION	DATE	BY
5	-	-/-/-	XX
4	-	-/-/-	XX
3	-	-/-/-	XX
2	-	-/-/-	XX
1		-/-/-	XX

DRAWN AM
CHECKED CH
DATE 3/8/2019
JOB NO. 18014
CHA NO. 19919
SHEET TITLE FIRE ALARM CALCULATIONS SHEET

SHEET
FA-100

SHEET NOTES

1. 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.
5. 1" MINIMUM BELOW GRADE, 3/4" CONDUIT MINIMUM UNLESS OTHERWISE NOTED.

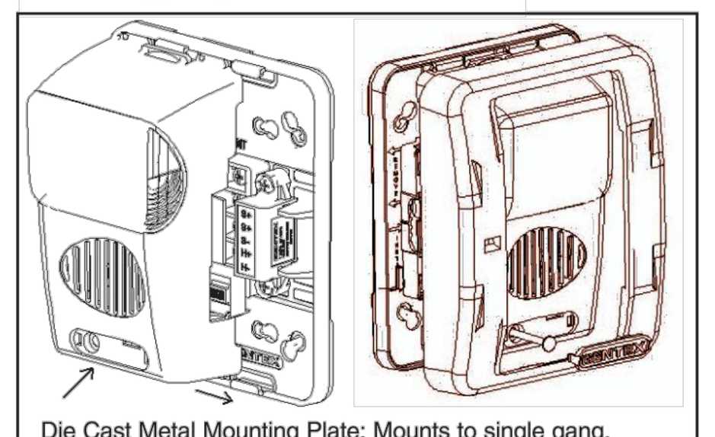
KEY NOTES

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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119340 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 4/2/19

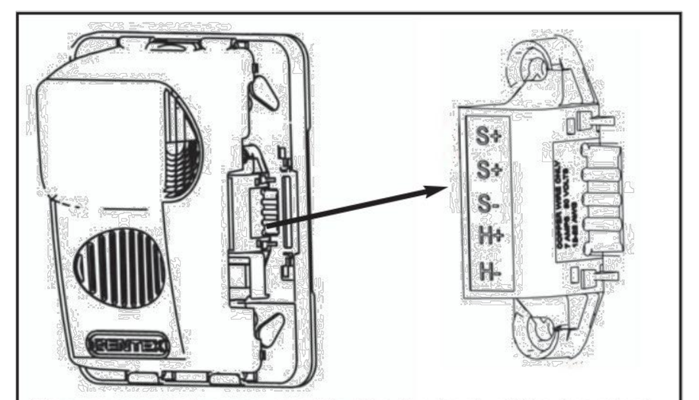
OXNARD UNION HIGH SCH
HUENEME HIGH
500 W. BARD RD, O
SITE SECURITY IMPROVEM

Mounting Super-Slide™



Die Cast Metal Mounting Plate: Mounts to single gang, double gang 4" square boxes or GSB box.

Checkmate™ - Instant Voltage Verification

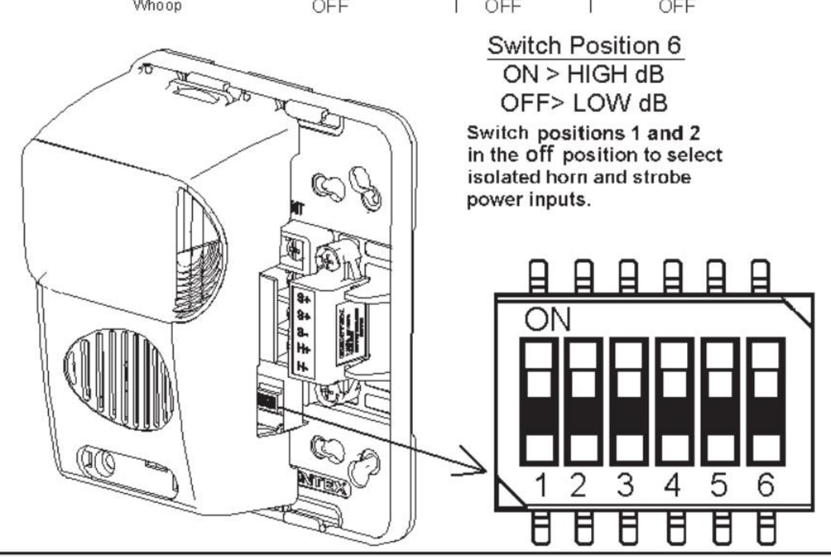


The access holes are provided in the back of the terminal block to allow the voltage to be measured directly without removing the device. Typically this would be done at the end of the line to confirm design criteria. Most measurements will be taken using the S+ and S- locations although access is provided to other locations. **NOTE: Care should be taken to not short the test probes.**

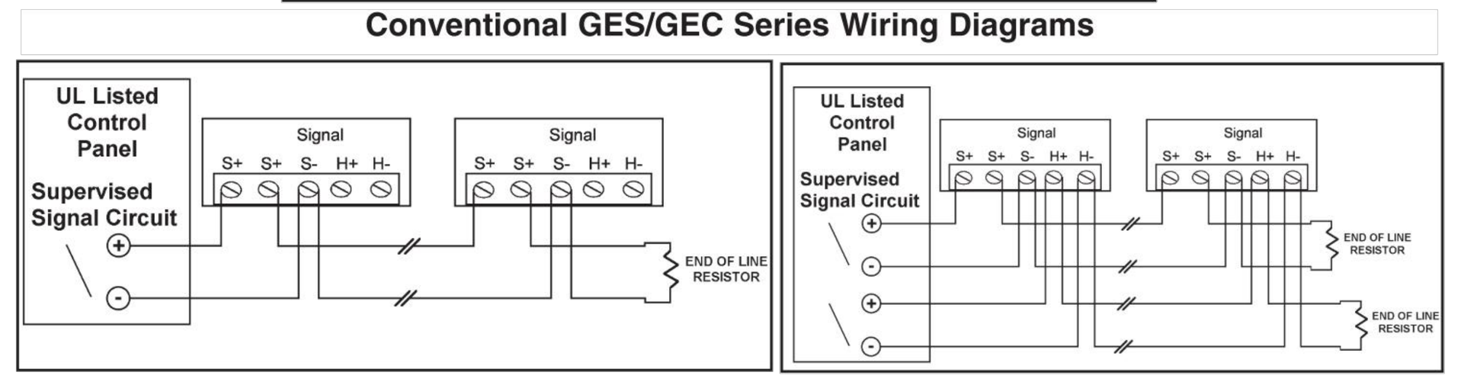
Switch Locations

SWITCH POSITION	3	4	5
Mechanical-Temp.	ON	ON	ON
Mechanical-Cont.	OFF	ON	ON
Hi-Temp.	ON	OFF	ON
Hi-Cont.	OFF	OFF	ON
Chime-Temp.	ON	ON	OFF
Chime-Cont.	OFF	ON	OFF
Whoop	ON	OFF	OFF
Whoop	OFF	OFF	OFF

Switch Position 6
ON > HIGH dB
OFF> LOW dB
Switch positions 1 and 2 in the off position to select isolated horn and strobe power inputs.



Conventional GES/GEC Series Wiring Diagrams



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

LISTING SERVICE

LISTING No. 7135-0569:0122 Page 1 of 1

CATEGORY: 7135 -- AUDIBLE DEVICES

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

DESIGN: 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.

MARKING: Listee's name, model number, electrical ratings and UL label.

APPROVAL: 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

Date Issued: **July 01, 2018** *Listing Expires* **June 30, 2019**

Authorized By: ***DAVID CASTILLO**, Program Coordinator*
Fire Engineering Division

2 FIRE ALARM STROBE DATA SHEETS
SCALE: NONE

GENTEX CORPORATION
A Smarter Vision™

Commander² Series Low Frequency Evacuation Signals

GEC/GES/GEH 24 VDC SERIES

Applications

The Commander² 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 Commander² 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 field by using switches.

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

The Commander² 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 Commander² Series also features the *Checkmate*™ - 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.

Product Listings

This symbol on the product's nameplate means it is Listed by UNDERWRITERS LABORATORIES, INC.

- **BFP (City of Chicago)**
- **BS+A/MEA #285-91-E - XV**
- **CSFM 7135-0569:122 (GEH, GEC)**
  7125-0569:123 (GES)
  7135-0569: 130 (GEH-12)
- **FM Approved**
- **UL 464, UL 1971 & UL 1638 Listed**
- **CAN/ULC S526-M87 Listed**
  ULSZ7.S3406 Listed (GEC24, GEH24 & GEH12)

Product Compliance

- **NFPA 72**
- **Americans with Disabilities Act (ADA)**

NEMA MEMBER — ASSEMBLED IN THE USA

Standard Features

- Nominal Voltage 24 VDC (12 VDC available on GEH)
- 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™ - Instant Voltage Verification
- Lower Installation and Operating Costs
- Input Terminals 12 to 18 AWG
- Switch Selection for High or Low dBA
- Switch for Chime, Whoop, Mechanical and 2400Hz Tone
- Switch for Continuous or Temporal 3 (not available on whoop tone)
- Tamperproof Re-entrant Grill
- Surface Mount with the GSB (Gentex Surface Mount Box)
- 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[1]	In Anechoic 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

GEC 24 VDC Low Profile Evacuation Horn/Strobe

Model Number	Part Number	Nominal Voltage	Strobe Candela	Reverberant dBA @ 10ft. Per UL464[1]	Anechoic Room dBA @ 10ft.
GEC24-15WR	904-1125-002	24 VDC	15	70-82	100
GEC24-15WW	904-1145-002	24 VDC	15	70-82	100
GEC24-30WR	904-1129-002	24 VDC	30	70-82	100
GEC24-30WW	904-1149-002	24 VDC	30	70-82	100
GEC24-60WR	904-1133-002	24 VDC	60	70-82	100
GEC24-60WW	904-1153-002	24 VDC	60	70-82	100
GEC24-75WR	904-1135-002	24 VDC	75	70-82	100
GEC24-75WW	904-1155-002	24 VDC	75	70-82	100
GEC24-110WR	904-1139-002	24 VDC	110	70-82	100
GEC24-110WW	904-1159-002	24 VDC	110	70-82	100
GEC24-177WR	904-1143-002	24 VDC	177	70-82	100
GEC24-177WW	904-1163-002	24 VDC	177	70-82	100
GEC24-15/75WR	904-1127-002	24 VDC	15 (UL1971) 75 (UL1638)	70-82	100
GEC24-15/75WW	904-1147-002	24 VDC	15 (UL1971) 75 (UL1638)	70-82	100

Notes:
- The GE Series is not listed for outdoor use.
- Operating temperature: 32° to 120°F (0° to 49° C)
- For nominal and peak current across UL regulated voltage range for filtered DC power and unfiltered (FWR [Full Wave Rectified]) power, see installation manual.
- Gentex does not recommend using a coded or pulsing signaling circuit with any of our strobe products (see technical bulletin number 014).
- To obtain the horn/strobe current draw, add the strobe current draw and the horn current draw.

Model designations:
"W" = Wall Mount
"R" = Red Faceplate
"W" = Off-White Faceplate
"P" = Plain (no lettering) - available on all models. **Plain units are non-returnable.**
"Agent" bezel also available.

GES 24 VDC Low Profile Evacuation Strobe

Model Number	Part Number	Nominal Voltage	Strobe Candela
GES24-15WR	904-1165-002	24 VDC	15
GES24-15WW	904-1185-002	24 VDC	15
GES24-30WR	904-1169-002	24 VDC	30
GES24-30WW	904-1189-002	24 VDC	30
GES24-60WR	904-1173-002	24 VDC	60
GES24-60WW	904-1193-002	24 VDC	60
GES24-75WR	904-1175-002	24 VDC	75
GES24-75WW	904-1195-002	24 VDC	75
GES24-110WR	904-1179-002	24 VDC	110
GES24-110WW	904-1199-002	24 VDC	110
GES24-177WR	904-1183-002	24 VDC	177
GES24-177WW	904-1203-002	24 VDC	177
GES24-15/75WR	904-1167-002	24 VDC	15 (UL1971) 75 (UL1638)
GES24-15/75WW	904-1187-002	24 VDC	15 (UL1971) 75 (UL1638)

[1] The listed horn current draws are for the continuous tone mode. The temporal 3 tone has a reverberant dBA @ 10ft. per UL 464 is 77-83 with a horn current draw of 34mA.

[2] 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) (8VDC for 12VDC units). For audibles the Max Current is usually at the maximum listed voltage. For unfiltered FWR ratings, see installation manual.

GE-24 Product Strobe Current Ratings

Candela	15cd	30cd & 15/75cd	60cd	75cd	110cd	177cd
24 VDC	55mA	63mA	88mA	112mA	136mA	186mA
UL Max[2]	78mA	96mA	137mA	180mA	224mA	288mA

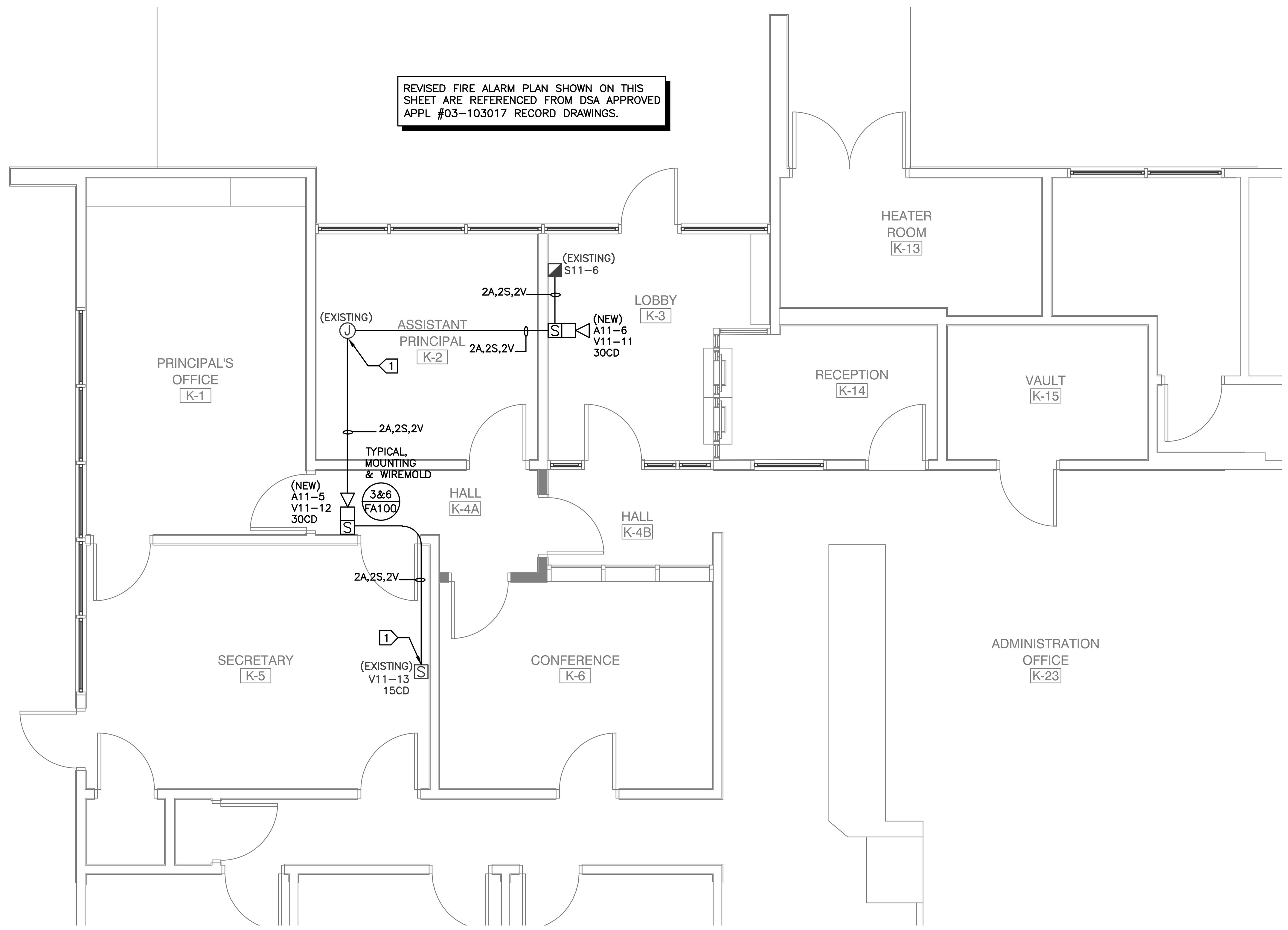
GE-24 Product Horn Current Ratings

Horn Mode	Minimum dBA @ 10ft. per UL464 (HIGH)	Minimum dBA @ 10ft. per UL464 (LOW)	Regulated 24VDC Max. Operating @ High Setting (mA)
Temp 3 2400Hz	78	71*	28
Temp 3 Mechanical	76	70*	25
Temp 3 Chime	70*	66*	15
Continuous 2400Hz	81	74*	28
Continuous Mechanical	80	72*	25
Continuous Chime	70*	66*	15
Whoop	82	69*	56

GEH-12 Product Horn Current Ratings

Horn Mode	Minimum dBA @ 10ft. per UL464 (HIGH)	Minimum dBA @ 10ft. per UL464 (LOW)	Regulated 24VDC Max. Operating @ High Setting (mA)
Temp 3 2400Hz	76	69*	29
Temp 3 Mechanical	75	68*	26
Temp 3 Chime	62*	60*	13
Continuous 2400Hz	79	74*	29
Continuous Mechanical	78	72*	26
Continuous Chime	63*	61*	13
Whoop	78	71*	55

* Operating the horn in this mode at this voltage will result in not meeting the minimum UL reverberant sound level required for public mode fire protection service. These settings are acceptable only for private mode fire alarm use. Use the high dBA setting for public mode application (not applicable when using the chime tone. The chime tone is always private mode). **Notes:** The sound output for the temporal 3 tone is rated lower since the time the horn is off is averaged into the sound output rating. While the horn is producing a tone in the temporal 3 mode its sound pressure is the same as the continuous mode.



1 FIRE ALARM PLAN
SCALE: 1/4" = 1'-0"

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

ARCHITECT'S STAMP & SIGNATURE — LICENSED ARCHITECT TODD A. JESPERSEN No. C-25839 Ren. 06/30/2019 STATE OF CALIFORNIA

ENGINEER'S STAMP & SIGNATURE — REGISTERED PROFESSIONAL ENGINEER CRAIG C. HOOD 15392 EXP.6-30-19 ELECTRICAL STATE OF CALIFORNIA

C. HOOD ASSOCIATES, INC.
CONSULTING ELECTRICAL ENGINEERS
858 East Front Street, Ventura, California 93001
Phone (805) 641-4012
Fax (805) 641-0450
www.choodassociates.com

REVISION	DESCRIPTION	DATE	BY
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DRAWN AM
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DATE 3/8/2019
JOB. NO. 18014
CHA NO. 19-919

SHEET TITLE FIRE ALARM DEMO PLAN
FIRE ALARM PLAN

SHEET
FA-200