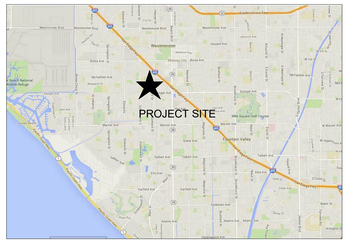
GOLDEN WEST COLLEGE

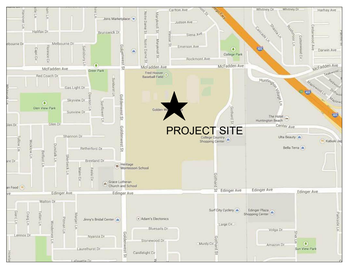
EXECUTIVE OFFICE
STUDENT SERVICES CENTER

15744 GOLDENWEST STREET
HUNTINGTON BEACH, CALIFORNIA

COAST COMMUNITY COLLEGE DISTRICT



VICINITY MAP



AREA MAP

NORTH

tBP / Architecture

4611 Teller Avenue - Newport Beach - California - 92660
http://www.tbparchitecture.com
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Architecture
Planning
Interiors

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-124889 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

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GREG L. GREIG
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GOLDEN WEST COLLEGE -
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Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:29:52 AM

rev:	date:	description:

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drawing title:

COVER SHEET

drawing no.:

T-1

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ABBREVIATIONS

&	AND
∠	ANGLE
@	AT
℄	CENTERLINE
ϕ	DIAMETER OR ROUND
#	NUMBER
AB	ANCHOR BOLT
AC	ASPHALTIC CONCRETE
ACT	ACOUSTICAL TILE
ACOUS	ACOUSTICAL
AD	AREA DRAIN
ADH	ADHESIVE
ADJ	ADJACENT
AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISH FLOOR
AFP	ACCORDION FOLDING PARTITION
AGGR	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
AMP	AMPERE
ANOD	ANODIZED
APPROX	APPROXIMATELY
ARCH	ARCHITECT
ASB	ASBESTOS
ASSY	ASSEMBLY
BAT	BATTERY
BBD	BULLETIN BOARD
BD	BOARD
BLDG	BUILDING
BLKG	BLOCKING
BLO	BLOWER
BLR	BOILER
BLW	BELOW
BM	BEAM
BO	BOTTOM OF
BRKR	BREAKER
BUR	BUILT UP ROOF
BTU	BRITISH THERMAL UNIT
CAB	CABINET
CARP	CARPET
CAT	CATALOG
CB	CATCH BASIN
CEM	CEMENT
CF	CURB FACE
CFM	CUBIC FEET PER MINUTE
CHBD	CHALKBOARD
CHEM	CHEMICAL
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CI	CAST IRON
CIR	CIRCLE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLO	CLOSET
CLRM	CLASSROOM
CMT	CERAMIC MOSAIC TILE
CMU	CONCRETE MASONRY UNIT
CND	CONDUIT
CO	CLEANOUT
COL	COLUMN
COMM	COMMUNICATION
COMP	COMPOSITION
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
COV	COVER
CP	CONTROL PANEL
CR	CONDENSATE RETURN
CSWK	CASEWORK
CT	CERAMIC TILE
CTV	CABLE TELEVISION
CW	COLD WATER
DBL	DOUBLE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DISP.	DISPENSER
DIST.	DISTANCE
DIV.	DIVISION
DN.	DOWN
DWG.	DRAWING

EA.	EACH
EL	EASEMENT LINE
E.J.	EXPANSION JOINT
ELEC.	ELECTRICAL
ELEV.	ELEVATION
EMER.	EMERGENCY
ENCL.	ENCLOSURE
ENG	ENGINEER
ENGY	ENERGY
ENTR	ENTRANCE
EP	EPOXY ENAMEL
EPG	EPOXY PAINT GLOSS
EPSG	EPOXY PAINT SEMI-GLOSS
EQ.	EQUAL
EQUIP.	EQUIPMENT
EST.	ESTIMATE
E.W.C.	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXH	EXHAUST
EXIST.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
F	FACTORY FINISH
F.A.	FIRE ALARM
FC	FOOTCANDLE
F.D.	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
FFP	FOLDING FABRIC PARTITION
F.G.	FINISH GRADE
F.H.	FIRE HYDRANT
FIN.	FINISH
FIN. FLR.	FINISH FLOOR
FLASH.	FLASHING
FLR.	FLOOR
FLUOR.	FLUORESCENT
F.O.	FACE OF
F.O.C.	FACE OF CONCRETE
F.O.F.	FACE OF FINISH
F.O.S.	FACE OF STUD
FPP	FOLDING PANEL PARTITION
FPW	FOLDING PANEL WOOD DOOR
F.R.A.	FIRE RATED ASSEMBLY
F.R.P.	FIBERGLASS REINFORCED PANEL
F.S.	FLOOR SINK
FT.	FOOT OR FEET
FTG.	FOOTING
FURR.	FURRING
FXTR	FIXTURE
GA.	GAGE
GALV.	GALVANIZED
GB	GRAB BAR
G.F.R.C.	GLASS FIBER REINFORCED CEMENT
GL.	GLASS
GLU.LAM.	GLUE LAMINATED
GND.	GROUND
GPM	GALLONS PER MINUTE
GR.	GRADE
G.R.G.	GLASSFIBREFORCED GYPSUM
GYP.	GYPSUM
H.B.	HOSE BIB
HCN	HOLLOW CORE NATURAL FINISH
HCP	HOLLOW CORE PAINT FINISH
HDBD.	HARDBOARD
HDR	HEADER
HDW.	HARDWARE
HDWD.	HARDWOOD
HGT.	HEIGHT
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HP	HORSEPOWER
HR.	HOUR
HSTAT	HUMIDISTAT
HTG.	HEATING
HTWR	HOT WATER RETURN
HTWS	HOT WATER SUPPLY
HVAC	HEATING, VENTILATING, AIR CONDITIONING
HVY	HEAVY
HW	HOT WATER
I.D.	INSIDE DIAMETER
INSUL.	INSULATION
INT.	INTERIOR
JAN.	JANITOR
JT.	JOINT

LAB.	LABORATORY
LAV.	LAVATORY
LB.	POUND
LDG	LANDING
LL	LIVE LOAD
LT	LIGHT
LTG	LIGHTING
LVL	LEVEL
LVR	LOUVER
M	METER
MAINT	MAINTENANCE
MAN	MANUAL
MAS	MASONRY
MATL.	MATERIAL
MAX.	MAXIMUM
M.C.	MEDICINE CABINET
MCC	MOTOR CONTROL CENTER
MECH.	MECHANICAL
MED	MEDIUM
MEZZ	MEZZANINE
MFR.	MANUFACTURER
MH	MANHOLE
MIN.	MINIMUM
MIR	MIRROR
MISC.	MISCELLANEOUS
MKR	MARKER
MTL.	METAL
MTD.	MOUNTED
MUL.	MULLION
MVBL	MOVABLE
N.	NORTH
NAT.	NATURAL
NEG	NEGATIVE
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O.A.	OVERALL
OBS.	OBSCURE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.	OVERFLOW DRAIN
OFCI	OWNER FURNISHED-CONTRACTOR INSTALLED
OFF	OFFICE
OFOI	OWNER FURNISHED-OWNER INSTALLED
OPNG.	OPENING
OPP.	OPPOSITE
OVHD	OVERHEAD
PART.	PARTITION
PB	PULL BOX
PBD	PARTICLEBOARD
PC	PORTLAND CEMENT
PERF	PERFORATED
PERP	PERPENDICULAR
PE	PAINT EGGSHELL
PF	PAINT FLAT
PG	PAINT GLOSS
PH	PHASE
PIV	POST INDICATOR VALVE
P.L.	PROPERTY LINE
PLAS.	PLASTER
PLAT.	PLATFORM
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLYWD.	PLYWOOD
PNL	PANEL
POS	POSITIVE
P.O.T.	PATH OF TRAVEL
PP	PORTABLE PARTITION
PR.	PAIR
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PRELIM	PRELIMINARY
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PSG	PAINT SEMI-GLOSS
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
Q.T.	QUARRY TILE
QTY	QUANTITY
R.D.	ROOF DRAIN
RDWD.	REDWOOD
REF.	REFERENCE
REG.	REGISTER
REINF.	REINFORCING
REQD.	REQUIRED
RESIL.	RESILIENT

S	SEALER
S.B.	SPLASH BLOCK
S.C.	SOLID CORE
SCN	SOLID CORE
S.C.	SOLID CORE
SCHED.	SCHEDULE
S.C.	SOLID CORE
S.C.	SOLID CORE
S.D.	STORM DRAIN
SECT.	SECTION
SF	STAIN FINISH
SFL	STAIN FINISH W/ LACQUER
SFV	STAIN FINISH W/ VARNISH
SHT.	SHEET
SIM.	SIMILAR
SPEC.	SPECIFICATIONS
SPLY	SUPPLY
SQ.	SQUARE
SR	STEAM RETURN
SS	STEAM SUPPLY
S.SK.	SERVICE SINK
SST.	STAINLESS STEEL
ST	STREET
STAG	STAGGERED
STC	SOUND TRANSMISSION CLASS
STD.	STANDARD
STL.	STEEL
STM	STEAM
STOR	STORAGE
STRUCT.	STRUCTURAL
SURF	SURFACE
SUSP.	SUSPENDED
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SWR	SEWER
SYM.	SYMBOL
SYS	SYSTEM
T.	THERMOSTAT
T. & B.	TOP AND BOTTOM
T. & G.	TONGUE AND GROOVE
T.C.	TOP OF CURB
TCN	TOP OF CONCRETE
TG	TOP OF GRATE
TW	TOP OF WALL
TD	TRENCH DRAIN
TECH	TECHNICAL
TEL.	TELEPHONE
TEMP.	TEMPERATURE
THK	THICK
THRES.	THRESHOLD
THRU	THROUGH
TKBD	TACKBOARD
T.O.	TOP OF
T.O.C.	TOP OF CONCRETE
T.O.S.	TOP OF STEEL
TOT	TOTAL
TR.	TREAD
TRNSF.	TRANSFORMER
TYP.	TYPICAL
U	HEAT TRANSFER COEFFICIENT
UGND	UNDERGROUND
UNFIN.	UNFINISHED
U.N.O.	UNLESS NOTED OTHERWISE
U.O.S.	UNDERSIDE OF STRUCTURE
UPG	URETHANE PAINT GLOSS
UPSG	URETHANE PAINT SEMI-GLOSS
UR.	URINAL
UTIL	UTILITY
V	VOLT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
V.C.T.	VINYL COMPOSITION TILE
VERT.	VERTICAL
VEST.	VESTIBULE
W/	WITH
W.C.	WATER CLOSET
WD.	WOOD
WDW.	WINDOW
WL	WIND LOAD
WLD	WELDED
WP	WORKING POINT
WPG	WATERPROOFING
WR	WATER RESISTANT
WSCT.	WAINSCOT

DRAWING LIST

GENERAL

SHEET NUMBER	SHEET NAME
T-1	COVER SHEET
T-2	SHEET INDEX AND GENERAL INFO.
T-3	CODE ANALYSIS
T-4	(E) FIRE ACCESS SITE PLAN
T-5	PATH OF TRAVEL FLOOR PLANS

Grand total: 5

ARCHITECTURAL

AS-1	OVERALL SITE PLAN
A0-1	OVERALL SECOND FLOOR DEMO PLAN
A0-2	ENLARGED SECOND FLOOR DEMO PLAN
A0-3	OVERALL SECOND FLOOR DEMO RCP
A0-4	ENLARGED DEMO SECOND FLOOR RCP
A1-1	OVERALL SECOND FLOOR
A1-2	ENLARGED SECOND FLOOR PLAN
A2-1	ENLARGED SECOND FLOOR RCP
A5-1	BUILDING SECTIONS
A5-2	BUILDING SECTIONS
A6-1	WALL SECTIONS
A7-1	(E) ENLARGED TOILET PLAN & ELEVATIONS
A9-1	INTERIOR ELEVATIONS
A9-2	INTERIOR ELEVATIONS
A9-3	INTERIOR ELEVATIONS
A9-4	INTERIOR ELEVATIONS
A11-2	SIGNAGE PLAN - 2ND FLOOR
2.01	DETAILS
2.02	DETAILS
4.01	METAL STUD PARTITION TYPES
4.02	WALL DETAILS
5.01	CEILING DETAILS
5.02	CEILING DETAILS
5.03	CEILING DETAILS
6.01	TYPICAL CASEWORK DETAILS
8.00	DOOR SCHEDULE
8.20	STOREFRONT DETAILS
8.21	STOREFRONT DETAILS
8.50	INTERIOR WINDOW SCHEDULE
9.01	FINISH SCHEDULE
9.02	FLOOR PATTERN
11.01	SIGNAGE DETAILS
14.01	(E) ELEVATOR PLAN AND DETAILS

33 SHEETS

STRUCTURAL DRAWINGS

S-0.1	GENERAL NOTES
S-1.1	TYPICAL DETAILS
S-1.2	TYPICAL DETAILS
S-1.3	TYPICAL DETAILS

(4 SHEETS)

MECHANICAL DRAWINGS

M001	NOTES, LEGENDS, ABBREV. & INDEX
M002	SCHEDULES
MD201	ENLARGED 2ND FLOOR DEMO PLAN
MD202	ENLARGED 2ND FLOOR PIPING DEMO PLAN
M101	OVERALL 2ND FLOOR ZONE PLAN
M201	OVERALL 2ND FLOOR PLAN
M202	OVERALL ROOF PLAN
M301	ENLARGED 2ND FLOOR DUCTING PLAN
M302	ENLARGED 2ND FLOOR PIPING PLAN
M501	VAV CONTROL DIAGRAMS
M502	NETWORK DIAGRAMS
M601	DETAILS
M602	DETAILS
M701	TITLE 24 COMPLIANCE FORMS
M702	TITLE 24 COMPLIANCE FORMS
M703	TITLE 24 COMPLIANCE FORMS
M704	OVERALL 2ND FLOOR ZONE PLAN

(16 SHEETS)

ELECTRICAL DRAWINGS

E001	NOTES, LEGENDS, ABBREV. & INDEX
E002	SCHEDULES
E003	PANEL SCHEDULES
ED101	OVERALL 2ND FLOOR DEMOLITION PLAN
ED102	ENLARGED 2ND FLOOR DEMO LIGHTING PLAN
ED103	ENLARGED 2ND FLOOR POWER DEMO PLAN
ED104	ENLARGED 2ND FLOOR AUXILIARY DEMO PLAN
E201	OVERALL 2ND FLOOR RENOVATION PLAN
E211	ENLARGED 2ND FLOOR RENO LIGHTING PLAN
E211P	ENLARGED 2ND FLOOR EGRESS PHOTOMETRICS
E221	ENLARGED 2ND FLOOR POWER RENO PLAN
E231	ENLARGED 2ND FLOOR AUXILIARY RENO PLAN
E501	EXISTING SINGLE LINE DIAGRAM
E601	DETAILS
E602	DETAILS
E603	DETAILS
E701	TITLE 24 COMPLIANCE FORMS

(17 SHEETS)

TECHNOLOGY DRAWINGS

T001	NOTES, LEGENDS, ABBREV. & INDEX
T002	RESPONSIBILITY MATRIX
T003	SCHEDULES
T101	DEMOLITION 2ND FLOOR PLAN
T201	OVERALL 2ND FLOOR PLAN
T301	ENLARGED 2ND FLOOR PLAN
T302	ENLARGED 2ND FLOOR RCP
T501	COMMUNICATIONS RISER
T502	AUDIOVISUAL SYSTEM DIAGRAMS
T601	DETAILS
T602	DETAILS

(11 SHEETS)

FIRE ALARM DRAWINGS

FA001	NOTES, LEGENDS, ABBREV. & INDEX
FAD101	OVERALL 2ND FLOOR DEMOLITION PLAN
FA201	OVERALL 2ND FLOOR PLAN
FA301	ENLARGED 2ND FLOOR RENOVATION PLAN
FA501	FIRE ALARM RISER DIAGRAM
FA502	FIRE ALARM CALCULATIONS
FA601	DETAILS
FA602	DETAILS

(8 SHEETS)

FIRE PROTECTION

FP001	NOTES, LEGENDS, ABBREV. & INDEX
FPD101	ENLARGED 2ND FLOOR DEMOLITION PLAN
FPD102	ENLARGED 2ND FLOOR DEMOLITION PLAN
FP201	OVERALL 2ND FLOOR PLAN
FP301	ENLARGED 2ND FLOOR RENOVATION PLAN
FP302	ENLARGED 2ND FLOOR RENOVATION PLAN RCP
FP601	DETAILS

(7 SHEETS)

TOTAL : (101 SHEETS)

GENERAL REQUIREMENTS

1. ALL WORK SHALL CONFORM TO 2022 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
2. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR CONSTRUCTION CHANGE DOCUMENTS APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTIONS 4-338, PART 1, TITLE 24, CCR.
3. 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, PART 1, TITLE 24, CCR. A **CLASS 3** INSPECTOR (CONFORMING TO CLASSIFICATION CRITERIA AS PROVIDED IN INTERPRETATION OF REGULATIONS [IR] A-7 DATED FEBRUARY 28, 2025 WHO IS SPECIALLY QUALIFIED IN MECHANICAL & ELECTRICAL WORK WILL BE REQUIRED FOR THIS PROJECT.)
4. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
5. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATIONS, REHABILITATION, OR RE-CONSTRUCTION IS TO BE DONE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITION SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISH WORK WILL NOT COMPLY WITH TITLE 24, CCR. A CONSTRUCTION CHANGE DOCUMENT (CCD) OR SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK (SECTION 4-317(C), PART 1, TITLE 24 CCR.).
6. SHOULD DSA FIND ANY WORK BEING PERFORMED IN A MANNER CONTRARY TO THE PROVISIONS OF THE CBC THAT WOULD COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING, THE DEPARTMENT OF GENERAL SERVICES, STATE OF CALIFORNIA, IS AUTHORIZED TO ISSUE A 'STOP WORK' ORDER PER SECTION 4-334.1 CALIFORNIA ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR).
7. A COPY OF TITLE 24 PART 1 THROUGH 5 AND 9 SHALL BE KEPT ON CONSTRUCTION SITE.
8. WORK SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 33 OF CBC & CFC, 2022 EDITION "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.
9. A WRITTEN SITE SAFETY PLAN IN COMPLIANCE WITH CFC 3303.1.1 MUST BE PREPARED AND AVAILABLE ON SITE PRIOR TO COMMENCEMENT OF ANY MOBILIZATION, DEMOLITION AND /OR CONSTRUCTION.
10. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
11. SUBSTITUTIONS AFFECTING ITEMS REGULATED BY THE DIVISION OF THE STATE ARCHITECT (DSA) REQUIRE DSA APPROVAL AS AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD). DSA APPROVAL SHALL BE OBTAINED PRIOR TO FABRICATION AND/ OR INSTALLATION PER SECTION 4-333, PART 1, TITLE 24, CCR.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-124889 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300

agency

tBP
architecture planning interiors

LICENSED ARCHITECT
HUNG L. CHENG
NO. C34187
REN. 4-30-27
STATE OF CALIFORNIA
01/29/2026

tBP/Architecture
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Newport Beach, CA 92660
ph: 949.673.0300 fx: 949.732.3895

architect

ACCEPTANCE TESTING

THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.

LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).

MECHANICAL SYSTEMS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2001.

ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER / ARCHITECT OR RECORD OR THE OWNER'S AGENT.

A LISTING OF CERTIFIED ATT CAN BE FOUND AT:
HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/PROGRAMS/ACCEPTANCE-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGRAM/ACCEPTANCE

THE ACCEPTANCE TESTING PROCEDURES MUST BE REPLACED, AND DEFICIENCIES MUST BE CORRECT BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL CONSTRUCTION /INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS REQUIRED ACCEPTANCE CRITERIA.

PROJECT INSPECTOR WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

STATEMENT OF GENERAL CONFORMANCE

(Application No.: 04 - 124889
File No.: 30-C3

The drawings identified as follows:

☒ All drawing sheets included in this set not bearing my stamp and signature.

☒ Drawing sheets denoted in the sheet index as follows:

☐ Drawing sheets included under the following PC approval (s)

have been prepared by other design professionals or consultants who are licensed and authorized to prepare such drawings (plans) in this state. They have been examined by me for:

1) Design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and

2) Coordination with my drawings (plans) and specifications are acceptable for incorporation into the construction of this project.

Per Title 24, Part 1, Section 4-316 (b): This Statement of General Conformance shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344 of Title 24, Part 1

Signature		Date
[signature]		11/03/2025
HUNG CHENG	C34187	04/30/2027
Print Name	License Number	Expiration Date

APPLICABLE CODES

LIST OF APPLICABLE CODES

2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR.

2022	CALIFORNIA BUILDING CODE (C.B.C.), PART 2, TITLE 24 CCR.
2022	CALIFORNIA ELECTRICAL CODE (C.E.C.), PART 3, TITLE 24 CCR.
2022	CALIFORNIA MECHANICAL CODE (C.M.C.), PART 4, TITLE 24 CCR.
2022	CALIFORNIA PLUMBING CODE (C.P.C.), PART 5, TITLE 24 CCR.
2022	CALIFORNIA ENERGY CODE (C.E.C.), PART 6, TITLE 24 CCR.
2022	CALIFORNIA FIRE CODE (C.F.C.), PART 9, TITLE 24 CCR. (2021 INTERNATIONAL FIRE CODE AND 2025 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR.
2022	CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR.
2022	CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR.

STATE OF CALIFORNIA, TITLE 19 C.C.R., STATE FIRE MARSHAL (SFM) - PUBLIC SAFETY REGULATIONS

NATIONAL FIRE PROTECTION ASSOCIATION, LATEST ADOPTION WITH AMENDMENTS

NFPA 13	2022 AUTOMATIC SPRINKLER SYSTEM
NFPA 72	NATIONAL FIRE ALARM AND SIGNALING CODE (CALIFORNIA AMENDED) AMENDED) (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")
NFPA 253	CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2019 EDITION
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CALIFORNIA AMENDED)EQUIPMENT
UL464	AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES
UL521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS

DSA NOTES

1) ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

2) CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM 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.

3) A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. A MINIMUM CLASS 3 INSPECTOR IS REQUIRED.

4) A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

5) THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR).

6) SUBSTITUTIONS AFFECTING ITEMS REGULATED BY THE DIVISION OF THE STATE ARCHITECT (DSA) REQUIRE DSA APPROVAL AS AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD). DSA APPROVAL SHALL BE OBTAINED PRIOR TO FABRICATION AND/OR INSTALLATION PER SECTION 4-338, PART 1, TITLE 24, CCR.

PROJECT DESCRIPTION

THE PROJECT CONSISTS OF THE RENOVATION OF A PORTION OF THE SECOND FLOOR OF THE (E) STUDENT SERVICES BUILDING AND CONVERTING THIS SPACE TO ADMINISTRATIVE OFFICES PLUS CONFERENCE ROOM. THE WORK WILL INCLUDE SELECTIVE DEMOLITION OF INTERIOR WALLS, REMOVAL OF (E) FLOOR FINSHES, AND CEILING FINISHES. THE SPACE WILLALSO INCLUDE UPGRADES TO MECHANICAL, ELECTRICAL, TECHNOLOGY, FIRE ALARM AND FIRE SPRINKLER SYSTEMS. EXTERIOR SCOPE INCLUDES UPGRADES TO THE EXISTING PARKING LOT.

PROJECT DIRECTORY

OWNER
COAST COMMUNITY COLLEGE DISTRICT
1370 ADAMS AVENUE
COSTA MESA, CA. 92626
PHONE NO. - (714) 438-4600

ARCHITECT
tBP/ARCHITECTURE, INC.
4611 TELLER AVENUE
NEWPORT BEACH, CA 92660
PHONE NO. - (949) 673-0300
FAX NO. - (949) 732-3895

STRUCTURAL
VCA ENGINEERS, INC.
2401 E KATELLA AVE.
ANAHEIM, CA 92806
PHONE NO. - (949) 679-0870
FAX NO. - (949) 679-9370

MECHANICAL, ELECTRICAL, AND FIRE PROTECTION
P2S ENGINEERING, INC.
5000 EAST SPRING STREET, 8TH FLOOR
LONG BEACH, CA 90815-5218
PHONE NO. - (562) 497-2999
FAX NO. - (562) 497-2990

HARDWARE CONSULTANT:
ALLEGION, PLC
1520 BRIDGEGATE DRIVE, SUITE 100
DIAMOND BAR, CA 91006
PHONE NO. - (626) 359-5555
FAX. NO. - (626) 359-1511

consultant

GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

REFERENCE SYMBOLS

SECTION REFERENCE (4 / A3-3)
NUMBER ABOVE - SECTION NUMBER
NUMBER BELOW - SHEET NUMBER

ACCESSORY IDENTIFICATION (13)
DENOTES TOILET ROOM ACCESSORIES

ELEVATION REFERENCE (4 / A3-3)
NUMBER ABOVE - ELEVATION NUMBER
NUMBER BELOW - SHEET NUMBER

CASEWORK IDENTIFICATION (34, 24, 102, 48, L)
HEIGHT
DEPTH
CASEWORK MODEL
WIDTH
LOCK

DETAIL REFERENCE (3 / 7.11)
NUMBER ABOVE - DETAIL NUMBER
NUMBER BELOW - SHEET NUMBER

DOOR IDENTIFICATION (001)
REFER TO DOOR SCHEDULE

ROOM IDENTIFICATION (1, 4, 103, A3-2, 2, 3)
SPACE NUMBER
INTERIOR ELEVATION NUMBER
SHEET NUMBER OF INTERIOR ELEVATION

WINDOW IDENTIFICATION (10)
REFER TO WINDOW DETAILS

INTERIOR ELEVATION IDENTIFICATION (106, 2)
WALL VIEWED
SPACE NUMBER

COLOR REFERENCE (LP-1)
REFER TO COLOR SCHEDULE SHEET 9.00

WALL TYPES

METAL STUD PARTITION WALL

WHEELCHAIR IDENTIFICATION
30" x 48" CLR. FLOOR SPACE
34" MAX. A.F.F. COUNTERTOP
30"W X 27"H X 19"D CLR. KNEE SPACE MIN.

MATERIAL SYMBOLS

ACOUSTICAL CEILING BOARD
RIGID INSULATION
CONCRETE
STEEL
BATT INSULATION
WOOD BLOCKING
FINISH WOOD
GYPSUM BOARD

DESIGN INFORMATION

FLOOD ZONE CATEGORIZATION:	X
FLOOD INSURANCE RATE MAP (FIRM) PANEL DESIGNATION:	06059C0232J
EFFECTIVE DATE OF FIRM:	12.03.2009
BASE FLOOR ELEVATION (BFE):	N/A
APPLICABLE COMMUNITY ORDINANCE SECTION:	N/A

CALIFORNIA CLIMATE ZONE: CLIMATE ZONE 6

DEFERRED APPROVAL

NONE

tBP project number: tBP No: 21182.00
file name:
drawn by: B.C. checked by: C.F.
date: 11.03.2025 2/25/2026 11:29:52 AM

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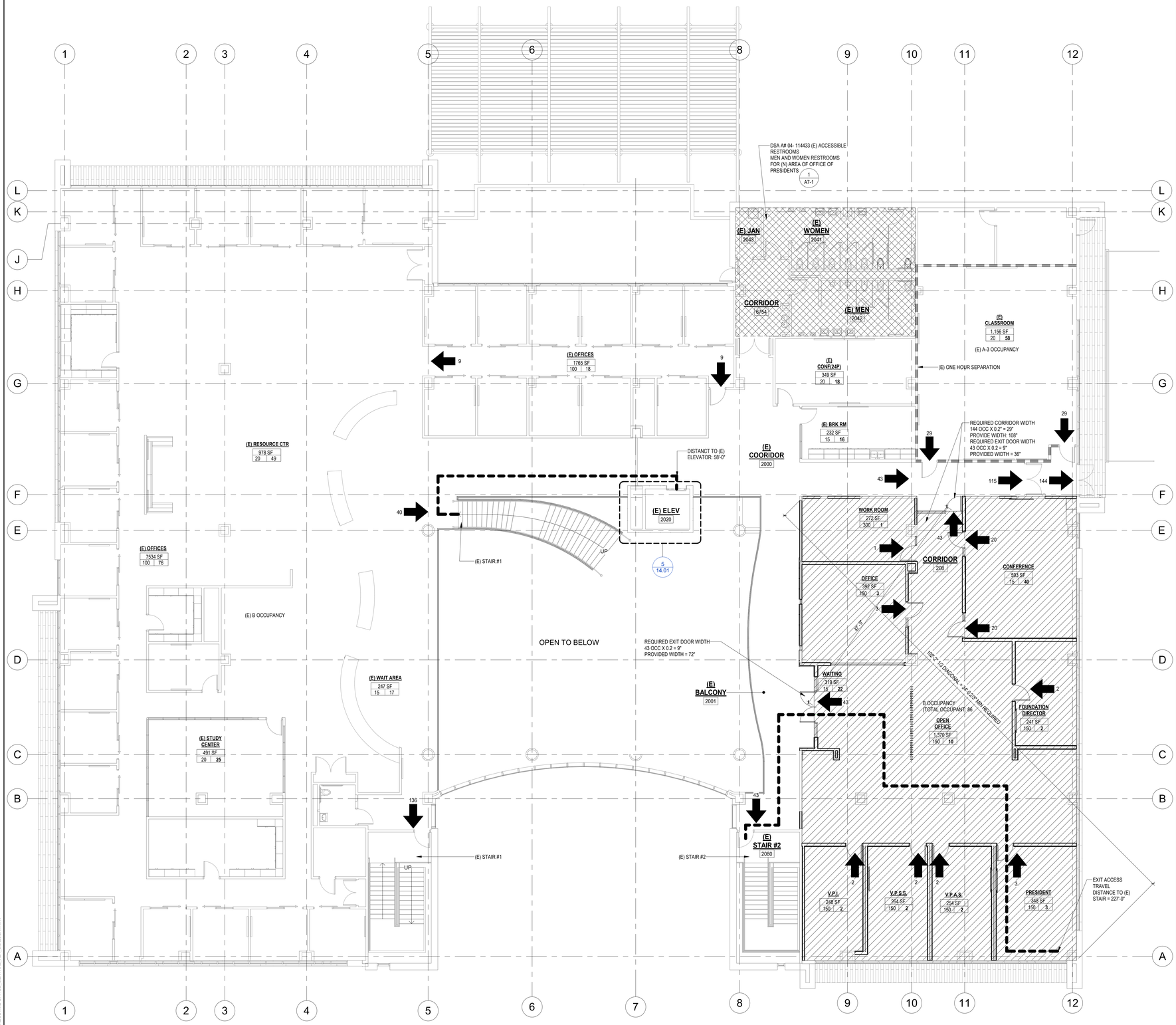
drawing title:
SHEET INDEX AND GENERAL INFO.

drawing no.:
T-2

C:\Users\cforte.TBPA\Documents\GWC_EXECUTIVE OFFICE_CENTRAL_R24_cforte9UR4K.rvt



CODE ANLAYSIS 2ND FLOOR PLAN (1)
SCALE : 1/8" = 1'-0"

LEGEND

OCCUPANT LOAD SYMBOL — OCCUPANT LOAD FACTOR; ROOM NAME; 500000 SF; OF | OL; AREA; NO. OF OCCUPANTS

NO. OF OCCUPANTS EXITING — 20

EXIT ACCESS TRAVEL DISTANCE (400' MAX ALLOWABLE W/ EXTERIOR EGRESS BALCONY) — X' - X"

DISTANCE BETWEEN STAIR AND ELEVATOR — 60 LF STAIR TO ELEV.

(E) ONE HOUR RATED WALL ASSEMBLY

(E) A-3 AND (E) B OCCUPANCIES. SEE PLAN FOR DESIGNATIONS

B OCCUPANCY

APPLICABLE CODES

PER CBC 2022

DUCTS & AIR TRANSFER OPENINGS: [SEC 717]

DRAFTSTOPPING IN FLOORS AND ATTICS: [SEC 717.3 & 717.4]
NOT REQUIRED IN NON-COMBUSTIBLE CONSTRUCTION.

FIRE ALARM & DETECTION SYSTEMS: (SEC 907.2.2)
EVERY GROUP A BUILDING USED FOR EDUCATIONAL PURPOSES SHALL BE PROVIDED WITH A MANUAL OR AUTOMATIC FIRE ALARM SYSTEM. THIS PROVISION SHALL APPLY TO, BUT SHALL NOT NECESSARILY BE LIMITED TO, EVERY COMMUNITY COLLEGE AND UNIVERSITY.

FIRE SPRINKLERS: [SEC 903]
FIRE SPRINKLERS REQUIRED THROUGHOUT PER CBC 903

PER NFPA 13, 8.15.1.2.10, CONCEALED CEILING SPACES WHERE RIGID MATERIALS ARE USED AND THE EXPOSED SURFACES HAVE A FLAME SPREAD INDEX OF 25 OR LESS, AND THE MATERIAL HAVE BEEN DEMONSTRATED NOT TO PROPOGATE FIRE MORE THAN 10.5-FT WHEN TESTED IN ACCORDANCE WITH ASTM E84, EXTENDED FOR AN ADDITIONAL 20 MINUTES IN THE FORM IN WHICH THEY ARE INSTALLED, SHALL NOT REQUIRED SPRINKLER PROTECTION.

EXIT SIGNAGE:
SEE SIGNAGE PLANS (SHEET A11-2) FOR LOCATIONS OF TACTILE EXIT SIGNS.

CODE ANALYSIS

BUILDING NAME:	(E) STUDENT SERVICES CENTER
OCCUPANCY GROUP: (SECTION 303)	B- OFFICES A-3 LECTURE ROOMS
CONSTRUCTION TYPE : (SECTION 602)	(E) TYPE II-B, SPRINKLERED
FIRE SPRINKLER SYSTEM:	YES

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APP: 04-124889 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

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01/29/2026

tBP/Architecture
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Newport Beach, CA 92660
ph: 949.673.0300 fx: 949.732.3895

architect

consultant

GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

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drawing title:

CODE ANALYSIS

drawing no.:

T-3

C:\Users\chris.TBPADocuments\GWC_EXECUTIVE OFFICE_CENTRAL_R24_chris5vRAK.vrt

SITE PLAN
SCALE : 1" = 100'-0"
1

LEGEND

- EXISTING BUILDINGS
- AREA OF WORK
- (E) FIRE DEPARTMENT VEHICULAR ACCESS LANE (13'-6" MIN. UNOBSTRUCTED VERTICAL CLEARANCE)
- ★ POINT OF ENTRY / DROP OFF LOCATION

BUILDING DESCRIPTION

(E) BUILDING AREA: 51,000 S.F.

CONSTRUCTION TYPE: TYPE II-B, SPRINKLERED

(E) BUILDING HEIGHT: 35'-0"

(E) NUMBER OF STORIES: 2 STORY

(E) BUIDING USE: STUDENT SERVICES CENTER OFFICES, MEETING ROOMS,

(E) OCCUPANCY: A-3 AND B

SCOPE:
PROJECT CONSIST OF RENOVATING A PORTION OF THE SECOND FLOOR (E) STUDENT SERVICES BUILDING AND CONVERTING TO ADMINISTRATIVE OFFICES PLUS CONFERENCE ROOM. THE WORK WILL INCLUDE SELECTIVE DEMOLITION OF INTERIOR WALLS, REMOVAL OF (E) FLOOR FINSHES, AND CEILING FINISHES.

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tBP architecture planning interiors

LICENSED ARCHITECT GREG L. GREIG NO. C34187 STATE OF CALIFORNIA

01/29/2026

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drawing title:
(E) FIRE ACCESS SITE PLAN

drawing no.:
T-4

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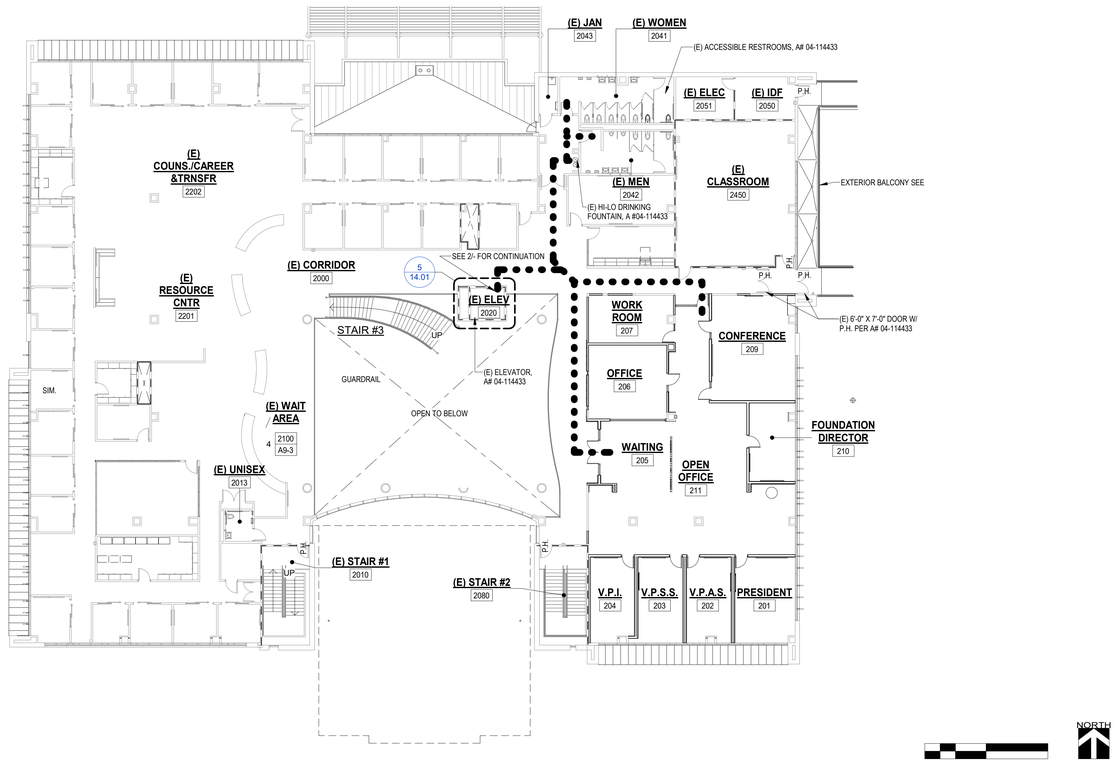
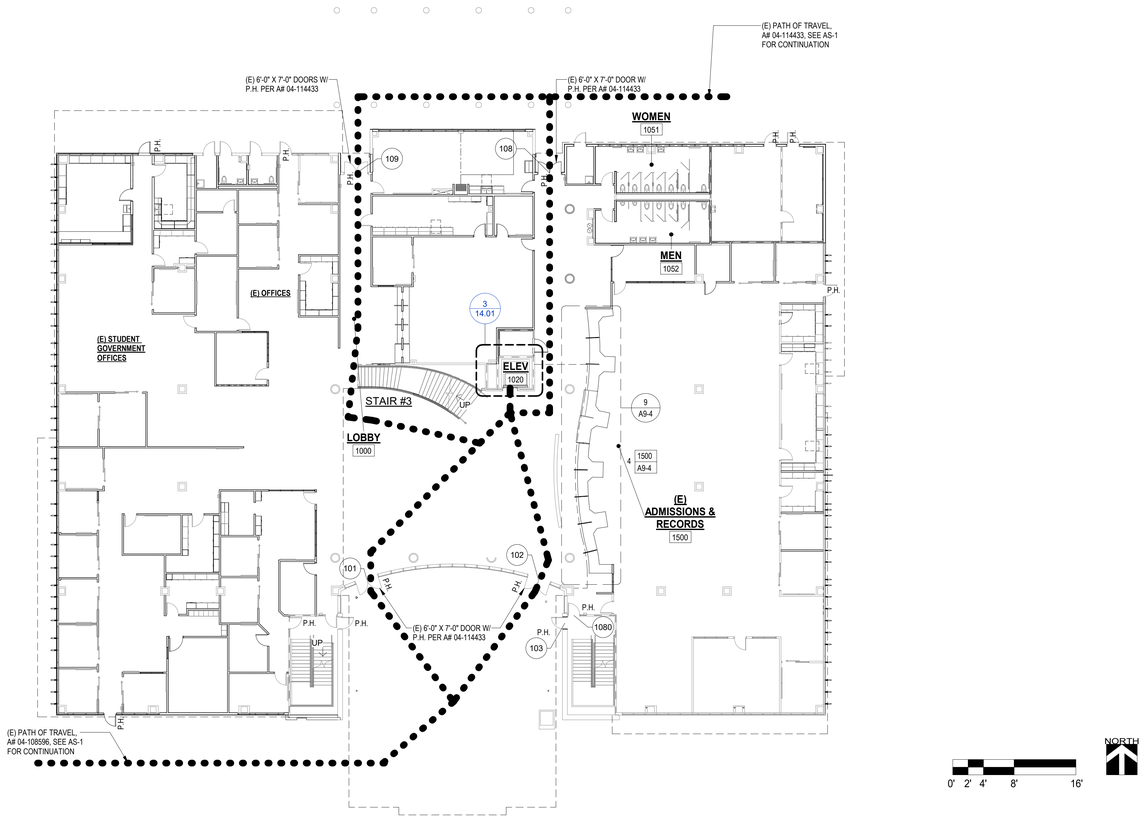


P.O.T. AT SECOND FLOOR
SCALE : 1/16" = 1'-0" 1



P.O.T. AT FIRST FLOOR
SCALE : 1/16" = 1'-0" 2

NOTES

1. FOR PATH OF TRAVEL NOTES AND SITE INFORMATION REFER TO SHEET AS-1.

LEGEND

PATH OF TRAVEL

XXX DOOR REFERENCE, SEE DOOR SCHEDULE

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LICENSED ARCHITECT
CHING L. CHEN
NO. C31187
EXP. 4-30-27
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architect

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15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

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drawing title:
PATH OF TRAVEL FLOOR PLANS

drawing no.:
T-5

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OVERALL SITE PLAN
SCALE : 1" = 100'-0"
1

SITE PLAN GENERAL NOTES

1. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE PATH OF TRAVEL (P.O.T.) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS, AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON-COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND 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. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

   DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NON-CONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

2. THE ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAX SLOPE OR VERTICAL LEVEL CHANGE NOT EXCEEDING 1/4" MAX AND AT LEAST 48" 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 INDICATED.

3. CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND PATH OF TRAVEL COMPLIES WITH CBC 1133B. VERIFY ALL EXISTING AND FINISH GRADES, DIMENSIONS AND SITE CONDITIONS BEFORE COMMENCING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.

4. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING TO AVOID INTERCEPTING EXISTING PIPING OR CONDUITS. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY OTHER CONTRACTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

5. PROJECT SITE IS NOT LOCATED WITHIN A FIRE HAZARD SEVERITY ZONE.

6. OPENINGS IN GRATES OR STRAINERS LOCATED IN PEDESTRIAN CIRCULATION PATHS OR IN POT SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2" DIAMETER. ELONGATED OPENINGS SHALL BE PLACED SO THAT LONG DIMESION PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL IN COMPLIANCE WITH SECTION 11B-302.3

(E) PARKING TABULATION

PARKING TABULATION - PARKING LOT I (STAFF, STUDENT AND VISITOR PARKING)

EXISTING PARKING STALLS:	462 STALLS
ACCESSIBLE PARKING STALLS REQUIRED: (TABLE 11B-208.2)	9 STALLS MIN.
ACCESSIBLE STALLS PROVIDED: (2 VAN ACCESSIBLE)	9 STALLS

LEGEND

AREA OF WORK

(E) PATH OF TRAVEL DSA # 04-114433

IDENTIFICATION STAMP
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DATE: 03/04/2026

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10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

LICENSED ARCHITECT GREG L. GREIG NO. C34187 RENEWAL 4-30-27 STATE OF CALIFORNIA

01/29/2026

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architect

consultant

GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:29:51 AM

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drawing title:

OVERALL SITE PLAN

drawing no.:

AS-1

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NOTES

1. REFER TO SHEET T-2 FOR GENERAL NOTES, ABBREVIATIONS, AND DRAFTING SYMBOLS.
2. SEE SHEET A0.2 AND A0.3 FOR ENLARGED DEMOLITION PLANS.

LEGEND

(E) ONE HOUR RATED WALL ASSEMBLY

(E) 207' - 6"

(E) COUNS 2208 | (E) COUNS 2209 | (E) COUNS 2210 | (E) COUNS 2211 | (E) DEAN ASST. 2212 | (E) DEAN 2213

(E) ELEC. CLOSET 2015

(E) COUNS 2207 | (E) WORK/ STOR 2206 | (E) COUNS /CAREER &TRNSFR 2202 | (E) TRANSF. OFF 2215 | (E) COUNS 2216 | (E) COUNS 2217 | (E) COUNS 2218 | (E) COUNS 2219 | (E) COUNS 2220

(E) COUNS 2205 | (E) COUNS 2204 | (E) RESOURCE CNTR 2201 | (E) COUNS 2225 | (E) PART COUNS 2224 | (E) PART COUNS 2223 | (E) PART COUNS 2222 | (E) PART COUNS 2221

F.E.C.

(E) AUTOMATIC FOLDING DOOR

(E) CORRIDOR 2000

(E) COUNS 2203 | (E) ELEV 2020

(E) STAIR #3

UP

(E) COUNS 2118 | (E) WAIT 2200 | (E) CALWORKS / RE-ENTRY 2110

(E) 152' - 7"

(E) STOR/ FILE RM. 2117 | (E) COUNS 2115 | (E) INTAKE CONF. OFF. 2116 | (E) WAIT AREA 2100

(E) LOBBY

4 1000 A9-4 2

DEMO (E) SIGNS AND (N) SIGNS

OPEN TO BELOW

(E) DIRECTOR 2114 | (E) EOPS & CARE 2101

(E) ADJ. COUNS. 2113 | (E) ELEC.CLOSET 2012

(E) FOSTER YOUTH 2112 | (E) STUDY CENTER 2102

(E) UNISEX 2013

F.E.C.

(E)ACC. OFF 2110B | (E)STOR./ FILE RM. 2104 | (E) IDF 2105 | (E) STAIR #1 2010

P.H.

UP

(E) OUTREACH 2110A

(E) DIRECTOR 2111 | (E) CARE SPEC 2109 | (E) COUNS 2108 | (E) COUNS 2107 | (E) COUNS. 2106

(E) ELEC. CLOSET 2011

(E) JAN 2043 | (E) WOMEN 2041 | (E) ELEC 2051 | (E) IDF 2050

P.H.

(E) MEN 2042

(E) CLASSROOM 2450

(E) BRK RM 2401

REF. REF.

F.E. P.H. P.H.

F.E.C

P.H.

(E) STAIR #2 2080

1 A0-2

(E) 65' - 4"

(E) 197' - 10"

(E) 146' - 1"

1 2 3 4 5 6 7 8 9 10 11 12

A B C D E F G H J K L

0' 2' 4' 8' 16'

NORTH

OVERALL SECOND FLOOR PLAN DEMO 1

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

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DIV. OF THE STATE ARCHITECT
APP: 04-124889 INC:
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DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

LICENSED ARCHITECT · GREG L. GHERO · NO. C34187 · RENEWAL 08/31/2027 · STATE OF CALIFORNIA

01/29/2026

tBP/Architecture
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architect

consultant

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15744 Goldenwest Street
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Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

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drawing title:
OVERALL SECOND FLOOR DEMO PLAN

drawing no.:
A0-1

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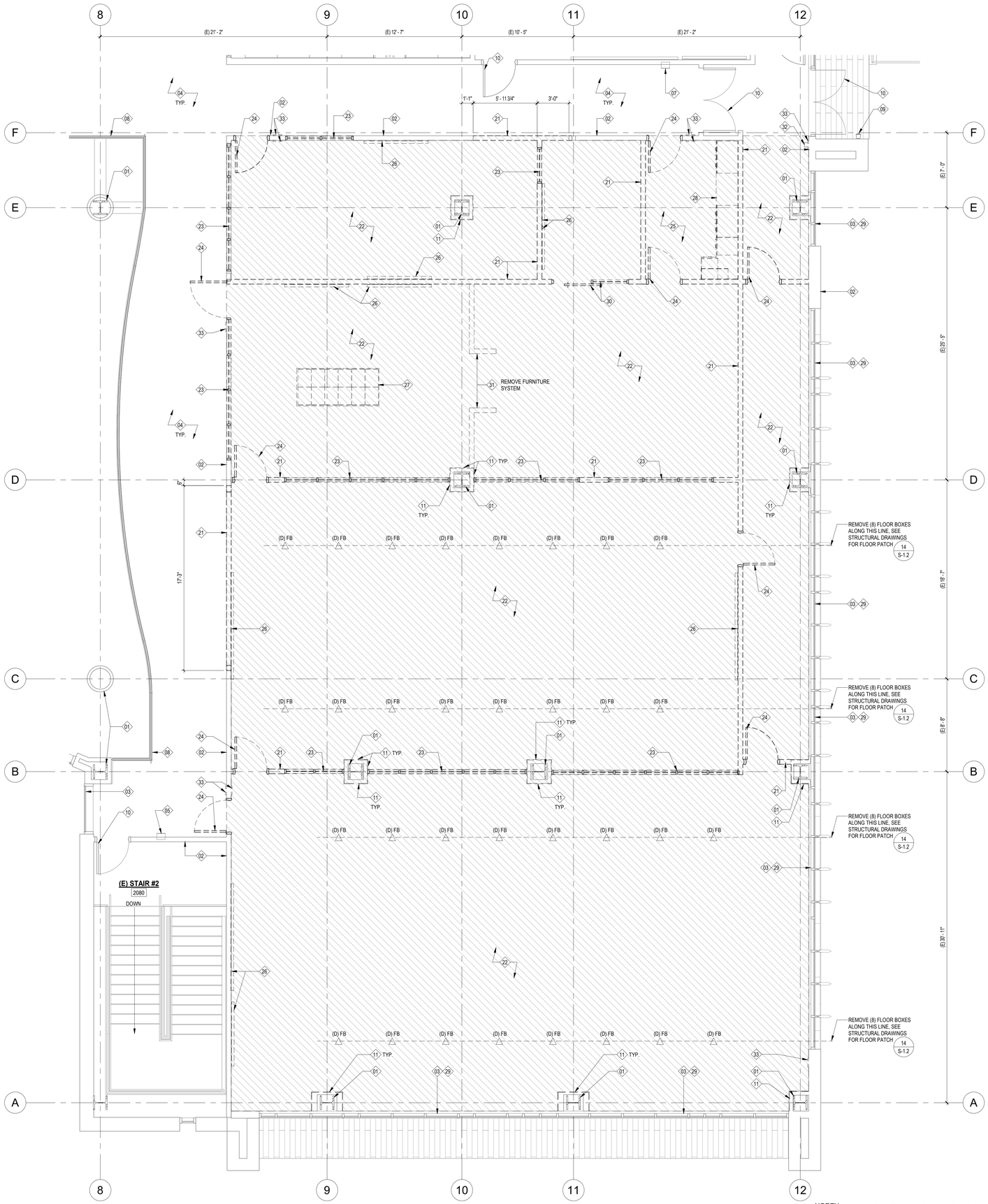

SECOND FLOOR PLAN - DEMO PLAN 1

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

NOTES

1. REFER TO SHEET T-2 FOR GENERAL NOTES, ABBREVIATIONS, AND DRAFTING SYMBOLS.
2. REMOVE WALL MOUNTED CLOCKS WITHIN THE AREA OF DEMOLITION.
3. REMOVE WALL MOUNTED PROJECTION SCREEN CONTROLLERS.
4. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION.

DEMOLITION LEGEND

- (E) STUD WALL TO REMAIN
- REMOVE (E) METAL STUD WALL
- REMOVE (E) WINDOW AND FRAME
- REMOVE (E) DOOR AND FRAME
- AREA OF DEMOLITION
- (D) FB — REMOVE (E) FLOOR BOX - SEE STRUCTURAL DETAIL 14/S-1.2 FOR PATCH. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION

DEMOLITION KEYNOTES

#	
01	(E) FURRED STEEL COLUMN TO REMAIN
02	(E) 4" METAL STUD WALL TO REMAIN
03	(E) EXTERIOR STOREFRONT TO REMAIN
04	(E) FLOORING TO REMAIN
05	(E) FIRE EXTINGUISER AND CABINET TO REMAIN
07	(E) FIRE EXTINGUISER TO REMAIN
08	(E) GLASS GUARDRAIL TO REMAIN
09	(E) ADA ENTRY PUSH BUTTON TO REMAIN
10	(E) DOOR AND FRAME TO REMAIN
11	REMOVE GYPSUM BOARD, METAL STUD WALL TO REMAIN
21	REMOVE 4" METAL STUD WALL
22	REMOVE CARPET, BASE, AND ADHESIVE. PREP FLOORS FOR NEW SURFACE
23	REMOVE ALUMINUM WINDOW AND FRAME
24	REMOVE DOOR AND FRAME
25	REMOVE VCT, BASE, AND ADHESIVE. PREP FLOORS FOR NEW SURFACE
26	REMOVE MARKERBOARD/ TACKBOARD
27	REMOVE LOCKERS
28	REMOVE CASEWORK AND COUNTERTOPS
29	REMOVE WINDOW TREATMENT
30	REMOVE SLIDING DOOR AND FRAME
31	REMOVE FURNITURE SYSTEM
32	REMOVE ADA PUSH BUTTONS AND SALVAGE FOR RE-INSTALLATION
33	REMOVE WALL MOUNTED SIGNAGE

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tBP architecture planning interiors

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REN: 8-31-27
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Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

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ENLARGED SECOND FLOOR DEMO PLAN

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A0-2

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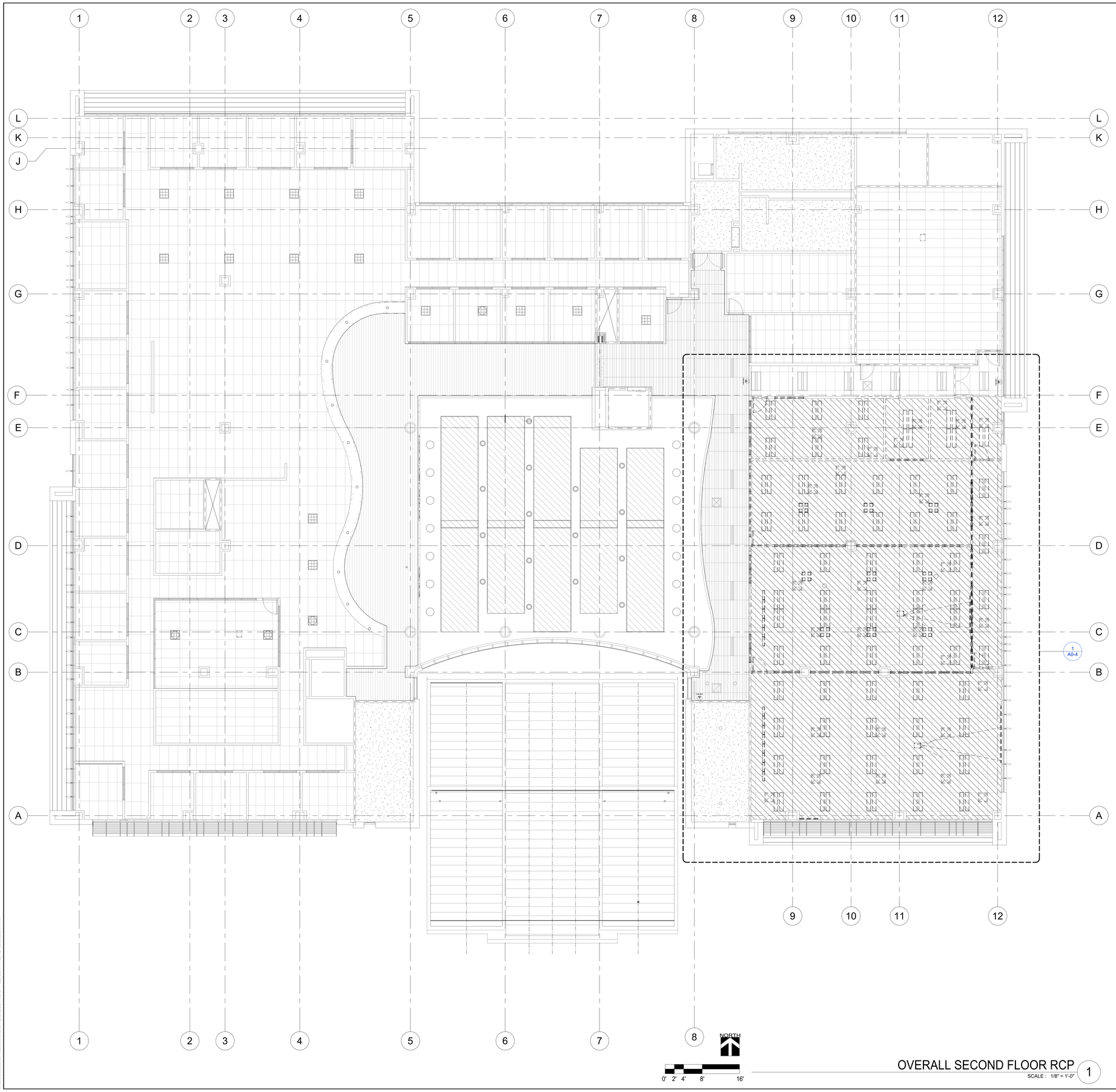
NOTES

1. REFER TO SHEET T-2 FOR GENERAL NOTES, ABBREVIATIONS, AND DRAFTING SYMBOLS.
2. SEE SHEET A0.2 AND A0.4 FOR ENLARGED DEMOLITION PLANS.



OVERALL SECOND FLOOR RCP
SCALE : 1/8" = 1'-0"
1

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OVERALL SECOND FLOOR DEMO RCP

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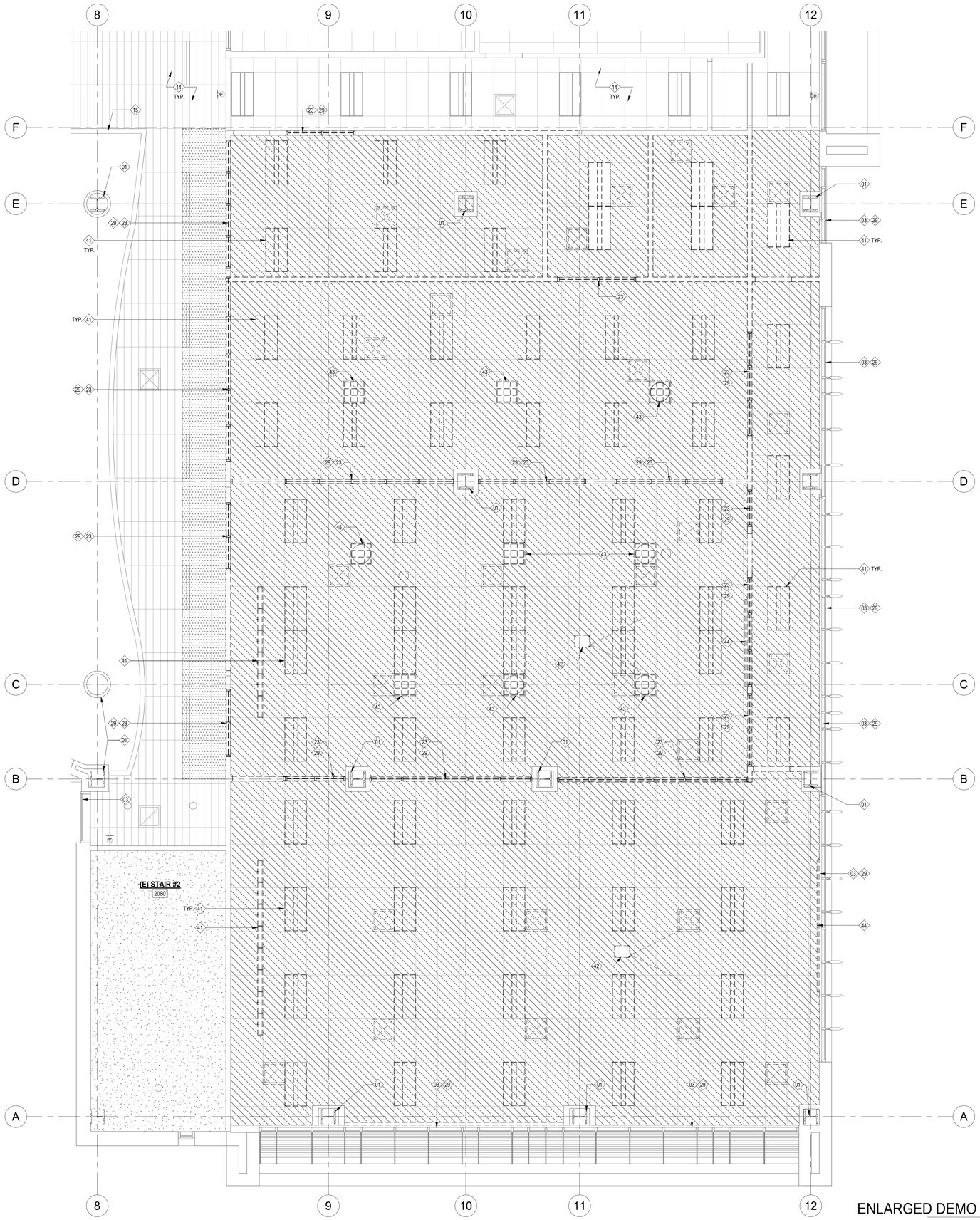

ENLARGED DEMO SECOND FLOOR RCP 1

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

0' 2' 4' 8' 16'

NORTH

NOTES

1. REFER TO SHEET T-2 FOR GENERAL NOTES, ABBREVIATIONS, AND DRAFTING SYMBOLS.
2. REFER TO MECHANICAL, ELECTRICAL, AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION.

DEMOLITION LEGEND

- REMOVE (E) 2x4 SUSPENDED ACOUSTICAL PANEL CEILING AND SUSPENSION SYSTEM, TYP
- P — REMOVE (E) PROJECTION SCREEN
- REMOVE AND SALVAGE CEILING MOUNTED PROJECTOR, TURN OVER TO THE DISTRICT
- REMOVE (E) LIGHT FIXTURE, SEE ELECTRICAL
- (E) STUD WALL TO REMAIN
- REMOVE (E) METAL STUD WALL
- REMOVE (E) WINDOW AND FRAME
- REMOVE, STORE, AND RE-INSTALL (E) CEILING PANELS AS REQUIRED TO INSTALL NEW MECHANICAL AND ELECTRICAL WORK. PROTECT IN-PLACE (E) CEILING SUSPENSION SYSTEM. REPLACE DAMAGED HANGER AND BRACING WIRES PER 4/5.01

DEMOLITION KEYNOTES

#	NOTE DESCRIPTION
01	(E) FURRED STEEL COLUMN TO REMAIN
03	(E) EXTERIOR STOREFRONT TO REMAIN
14	(E) SUSPENDED CEILING TO REMAIN
15	(E) GYPSUM SOFFIT EDGE TO REMAIN
23	REMOVE ALUMINUM WINDOW AND FRAME
29	REMOVE WINDOW TREATMENT
41	REMOVE LAY-IN LIGHT FIXTURE, TYP.
42	REMOVE CEILING MOUNTED PROJECTOR AND ASSOCIATED SUPPORTS
43	REMOVE SOLATUBE DIFFUSER AND SALVAGE FOR RE-INSTALLATION
44	REMOVE PROJECTION SCREEN AND SUPPORTS
45	REMOVE DIFFUSER AND EXTENSION TUBE

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ENLARGED DEMO SECOND FLOOR RCP

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NOTES

1. REFER TO SHEET T-2 FOR GENERAL NOTES, ABBREVIATIONS, AND DRAFTING SYMBOLS.
2. SEE SHEET A1.2 AND A1.3 FOR ENLARGED PLANS.

LEGEND

(E) ONE HOUR RATED WALL ASSEMBLY

LIMITS OF WORK

(E) COUNS 2208 | (E) COUNS 2209 | (E) COUNS 2210 | (E) COUNS 2211 | (E) DEAN ASST. 2212 | (E) DEAN 2213

(E) COUNS 2207 | (E) WORK/ STOR 2206 | (E) COUNS 2205 | (E) COUNS 2204 | (E) COUNS 2203 | (E) COUNS 2118 | (E) COUNS 2115 | (E) DIRECTOR 2114 | (E) ADJ. COUNS. 2113 | (E) FOSTER YOUTH 2112 | (E) DIRECTOR 2111

(E) COUNS./CAREER &TRNSFR 2202 | (E) RESOURCE CNTR 2201 | (E) WAIT 2200 | (E) CORRIDOR 2000 | (E) STOR/ FILE RM. 2117 | (E) INTAKE CONF. OFF. 2116 | (E) WAIT AREA 2100 | (E) STUDY CENTER 2102 | (E)STOR./ FILE RM. 2104 | (E) CARE SPEC 2109 | (E) COUNS 2108 | (E) COUNS 2107 | (E) COUNS. 2106

(E) TRANSF. OFF 2215 | (E) COUNS 2216 | (E) COUNS 2217 | (E) COUNS 2218 | (E) COUNS 2219 | (E) COUNS 2220

(E) COUNS 2225 | (E) PART COUNS 2224 | (E) PART COUNS 2223 | (E) PART COUNS 2222 | (E) PART COUNS 2221

(E) COORIDOR 2000 | (E) ELEV 2020 | (E) LOBBY (1000 / A9-4) | (E) UNISEX 2013 | (E) IDF 2105 | (E) STAIR #1 2010 | (E) STAIR #2 2080

(E) JAN 2043 | (E) WOMEN 2041 | (E) ELEC 2051 | (E) IDF 2050 | CORRIDOR 6754 | (E) MEN 2042 | (E) CLASSROOM 2450 | (E) CONF(24P) 2400 | (E) BRK RM 2401 | (E) BALCONY 2001

WORK ROOM 207 | CORRIDOR 208 | CONFERENCE 209 | OFFICE 206 | WAITING 205 | OPEN OFFICE 211 | FOUNDATION DIRECTOR 210 | V.P.I. 204 | V.P.S.S. 203 | V.P.A.S. 202 | PRESIDENT 201

1 A1-1

0" 2" 4" 8" 16'

NORTH

OVERALL SECOND FLOOR PLAN

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

1

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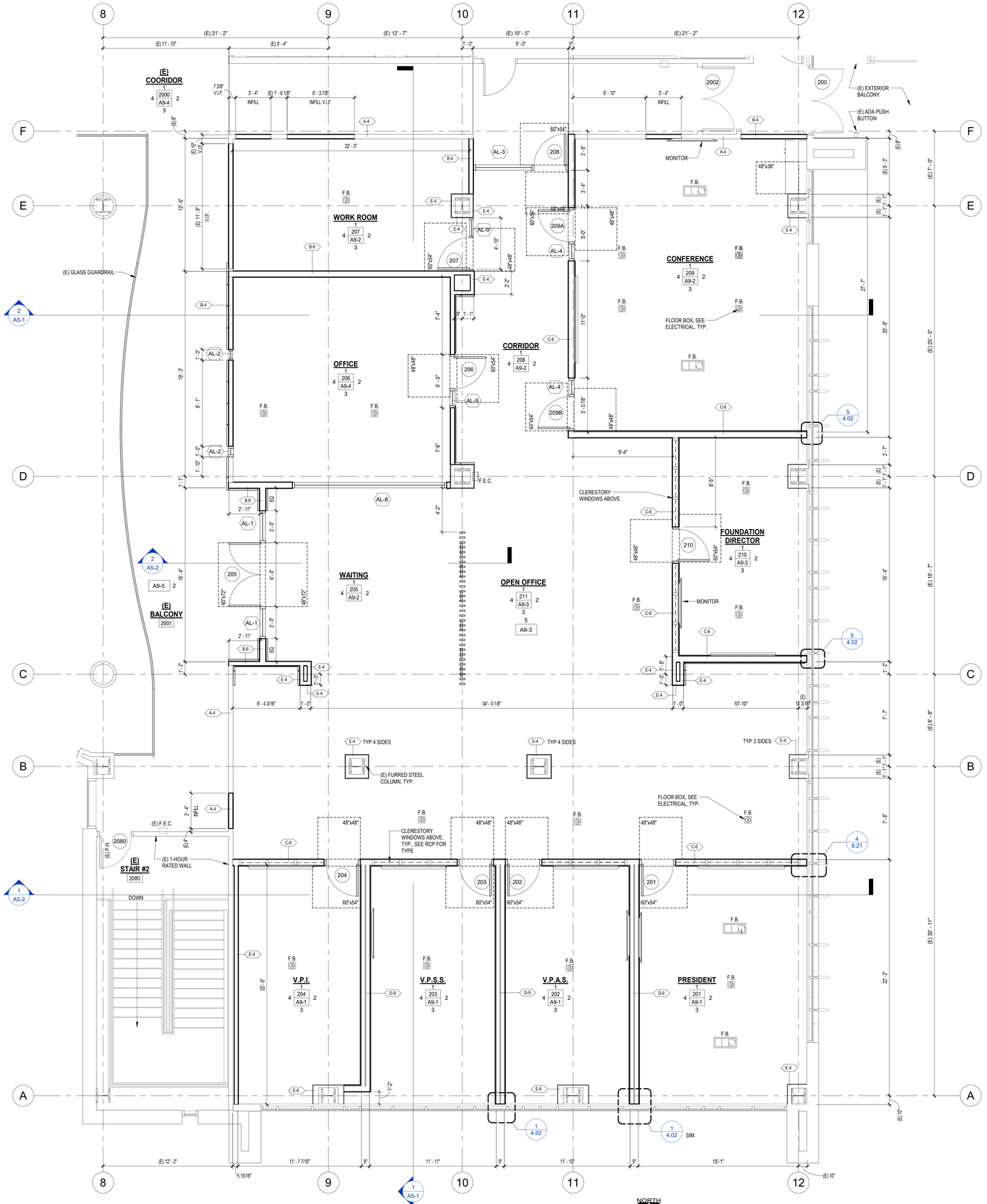

ENLARGED SECOND FLOOR PLAN
SCALE : 1/4" = 1'-0"
1

FLOOR PLAN NOTES

NOTES:

1. REFER TO SHEET T-2 FOR ADDITIONAL ABBREVIATIONS, GENERAL NOTES, AND DRAFTING SYMBOLS.
2. ALL ITEMS ARE NEW (N) UNLESS NOTED AS EXISTING (E).
3. DIMENSION ARE TO FACE OF STUD, UNLESS NOTED OTHERWISE.
4. NO CUTTING OR CORING OF (E) SLABS OR STRUCTURAL STEEL MEMBERS IS PERMITTED UNLESS EACH LOCATION IS SPECIFICALLY DETAILED IN THESE DOCUMENTS.
5. PATCH AND REPAIR (E) CONCRETE SLABS, FINISHES, AND WALLS WHERE (E) CONSTRUCTION WAS DEMOLISHED FOR NEW WORK TO MATCH (E) ADJACENT SURFACE.
6. INSULATION:
   A. PROVIDE SOUND BATT INSULATION IN ALL WALLS
7. REFER TO SHEET 8.00 FOR DOOR SCHEDULE.
8. REFER TO SHEET 8.50 FOR WINDOW SCHEDULE.
9. REFER TO SHEET 9.01 AND 9.02 FOR FINISH, COLOR SCHEDULE, AND FLOORING PATTERNS.
10. FOR ACCESSIBLE SIGNAGE DETAILS REFER TO SHEET 11.01.

FLOOR PLAN LEGEND

- XXX — DOOR REFERENCE, SEE DOOR SCHEDULES
- XXX — WALL TYPE (- / 4.01)
- AL-01 — WINDOW TYPE (- / 8.50)
- P.H. — PANIC HARDWARE, SEE DOOR SCHEDULE
- 60"x60" (WIDTH / DEPTH) — LEVEL LANDING WITH MAX SLOPE OF 1.9% IN ALL DIRECTIONS, NUMBERS SHOWN ARE FOR THE SIZE OF LANDING IN INCHES. PROVIDE LEVEL FLOOR AT INTERIOR LOCATIONS
- (E) METAL STUD WALL
- METAL STUD WALL
- ELECTRICAL PANEL PER ELECTRICAL DRAWINGS
- F.B. F.B. — FLOOR BOX PER ELECTRICAL AND TECHOLOGY DRAWINGS. PROVIDE LAYOUT IN FIELD FOR A.O.R. REVIEW AND APPROVAL.
- F.E.C. — FIRE EXTINGUISHER IN SEMI RECESSED CABINET PER (8 / 6.01)

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Coast Community College District- Golden West College

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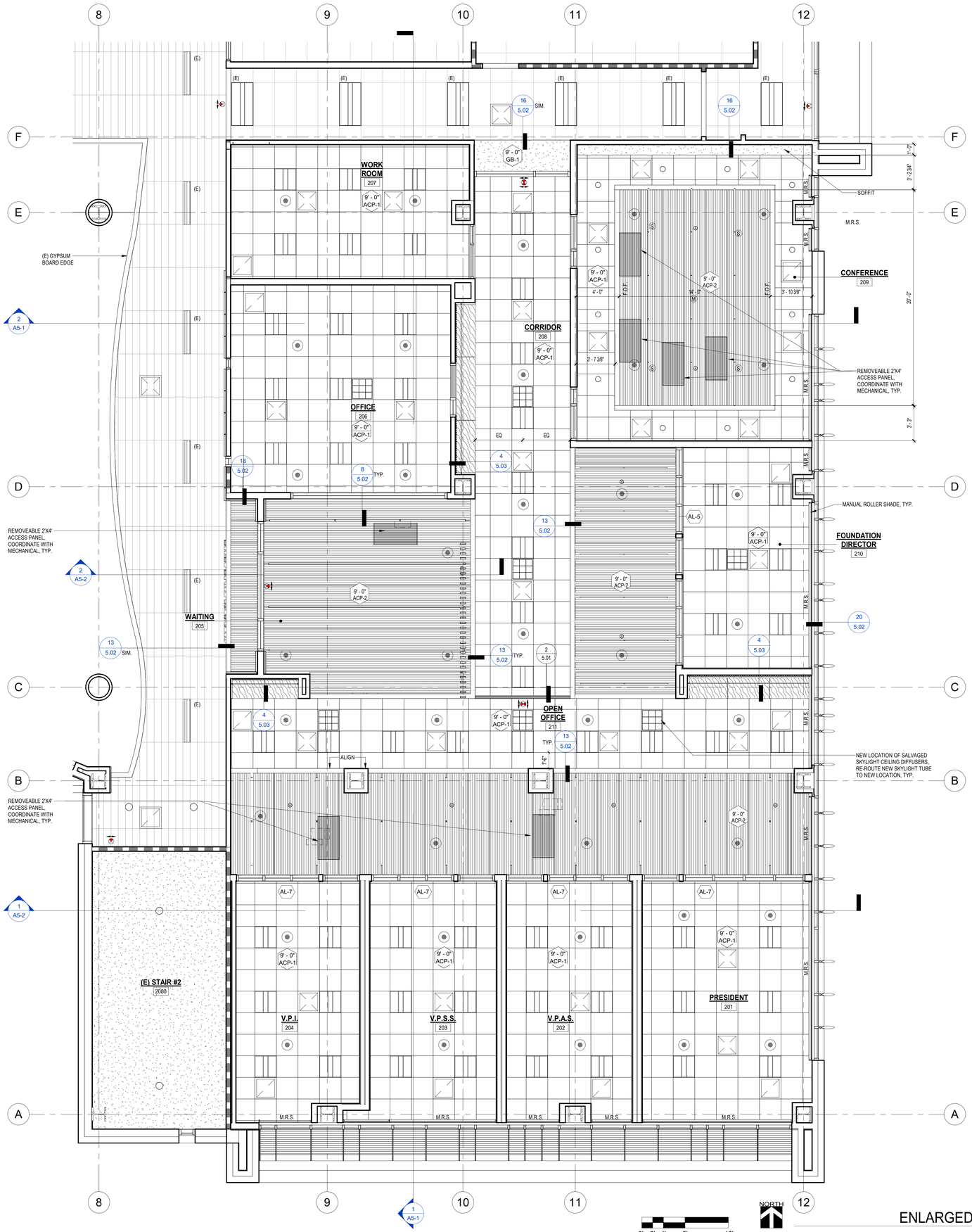

ENLARGED SECOND FLOOR RCP 1

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

NOTES

1. MECHANICAL GRILLES, REGISTERS, ACCESS PANELS, AND ELECTRICAL FIXTURES ARE SHOWN FOR LOCATION PURPOSES ONLY. VERIFY QUANTITY AND SIZES WITH MECHANICAL OR ELECTRICAL DRAWINGS.
2. SEE SHEET 5.01 AND 5.02 FOR CEILING DETAILS AND SUSPENDED CEILING NOTES.
3. MANUAL ROLLER SHADE CONTROLS: OPERABLE PARTS AND CONTROLS AT UNOBSTRUCTED FORWARD AND SIDE APPROACH SHALL BE LOCATED WITHIN 48" A.F.F. TO TOP OF DEVISE. FOR EACH REQUIREMENTS AT OTHER CONDITIONS, COMPLY WITH CBC SECTION 11B-308 AS THEY APPLY. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING OR TWISTING OF THE WRIST AND SHALL HAVE A MAXIMUM OPERABLE FORCE OF 5 POUNDS. OPERABLE PARTS SHALL ALSO COMPLY WITH CBC SECTIONS 111B-308.2, 11B-308.3 AND 11B-309.4.

LEGEND

- 9'-0" ACP — CEILING HEIGHT ABOVE FIN. FLOOR AND CEILING TYPE SYMBOL
- 2X2 SUSPENDED ACOUSTICICAL PANEL CEILING, SEE 4 / 5.01
- SUSPENDED WOOD GRILLE CEILING, SEE 7 / 5.02
- LINEAR LIGHT FIXTURE MOUNTED IN SUSPENDED WOOD GRILLE CEILING
- (2) 1X4 SUSPENDED WOOD GRILLE ACCESS PANELS. SEE DETAIL 4 / 5.02
- M.R.S. — MANUAL ROLLER SHADE, SEE NOTE 3 AND DETAIL 20 / 5.02
- WOOD VENEER SOFFIT
- AIR SUPPLY DIFFUSER
- AIR RETURN DIFFUSER
- EXIT SIGN. SEE ALSO ELECTRICAL LIGHTING PLANS
- 2X2 TUBULAR SKYLIGHT TROFFER DIFFUSER, SEE 14 / 5.02 and 19 / 5.02
- RECESSED DOWNLIGHT
- FIRE SPRINKLER HEAD, SEE FIRE PROTECTION SHEETS
- 2X2 RECESSED LIGHT FIXTURES , SEE ELECTRICAL DRAWINGS
- U.O.S. — EXPOSED UNDERSIDE OF STRUCTURE
- LC — DAYLIGHT SENSOR
- OS — OCCUPANCY SENSOR
- S — SPEAKER

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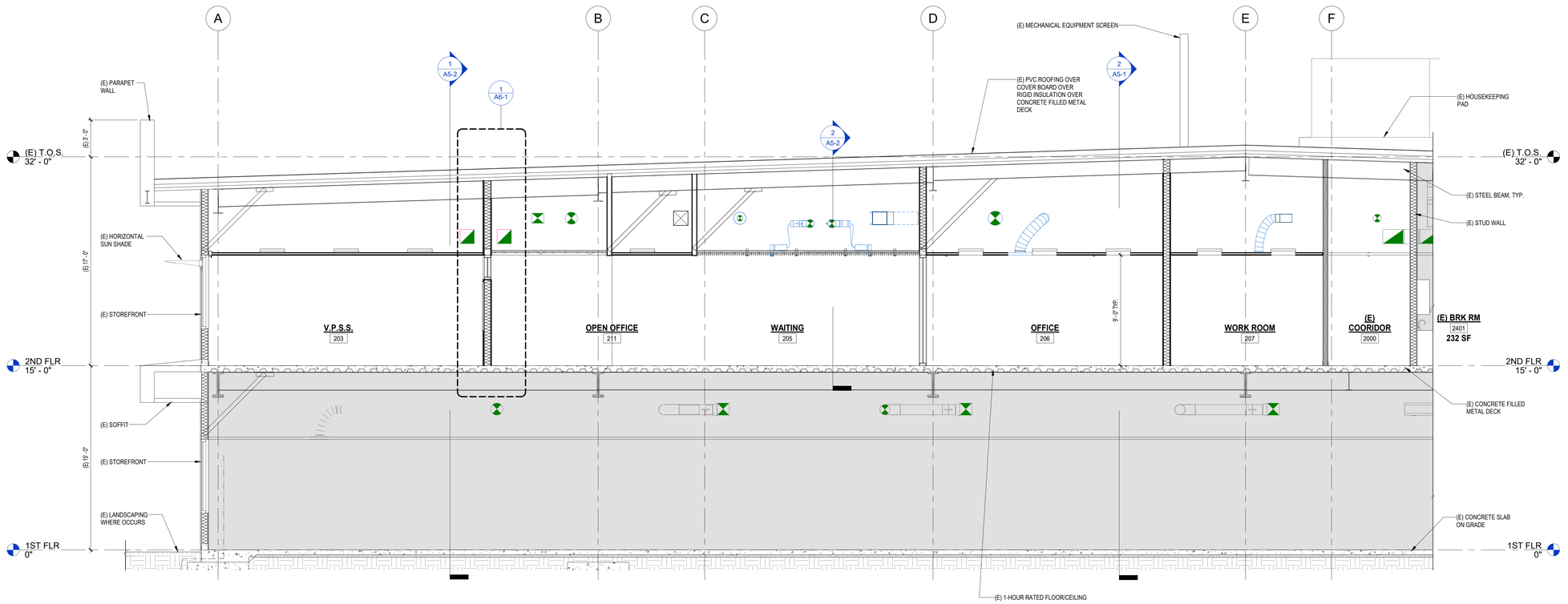
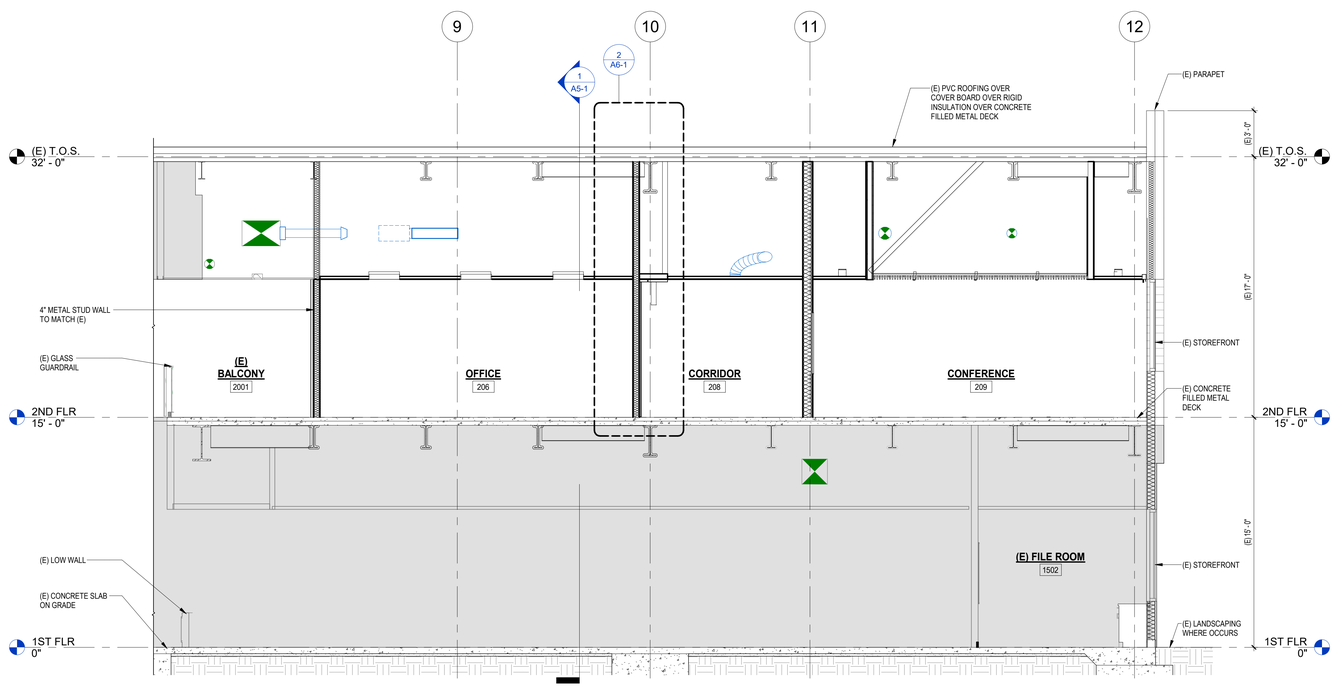


NORTH-SOUTH BUILDING SECTION 1

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



EAST - WEST BUILDING SECTION 1

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

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BUILDING SECTIONS

drawing no.:

A5-1

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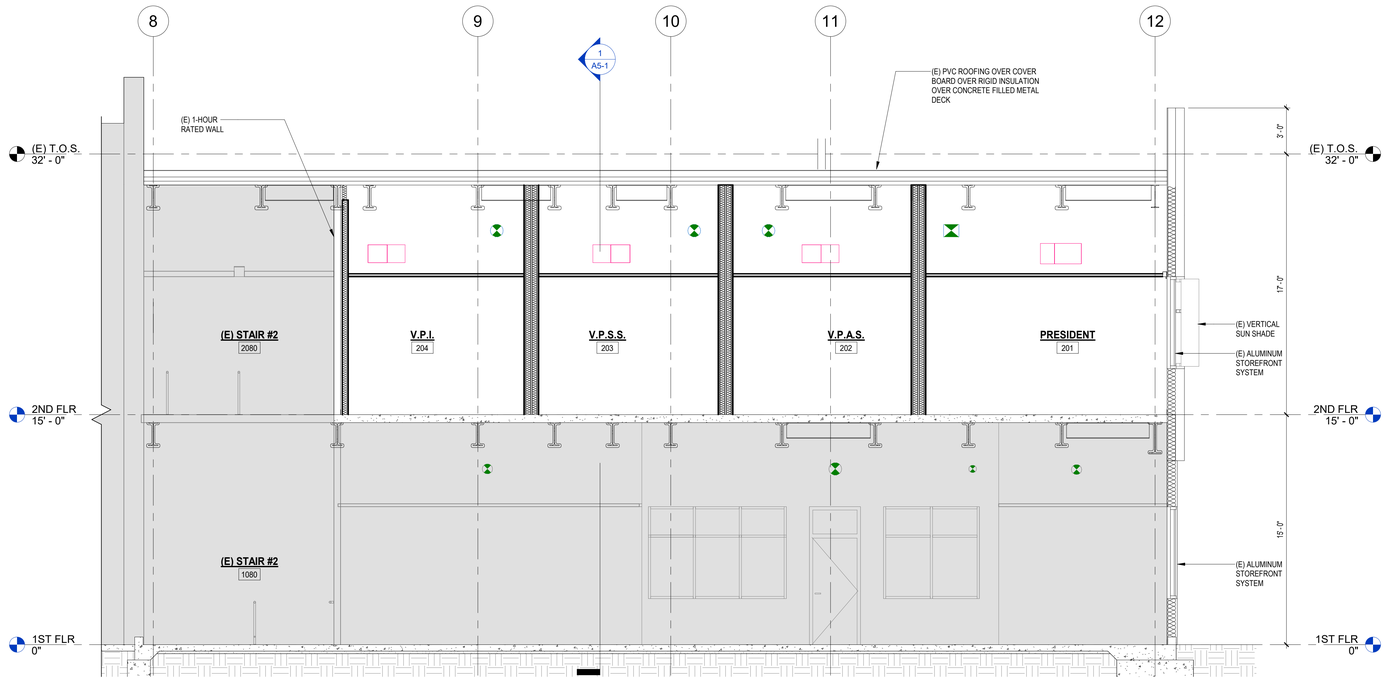
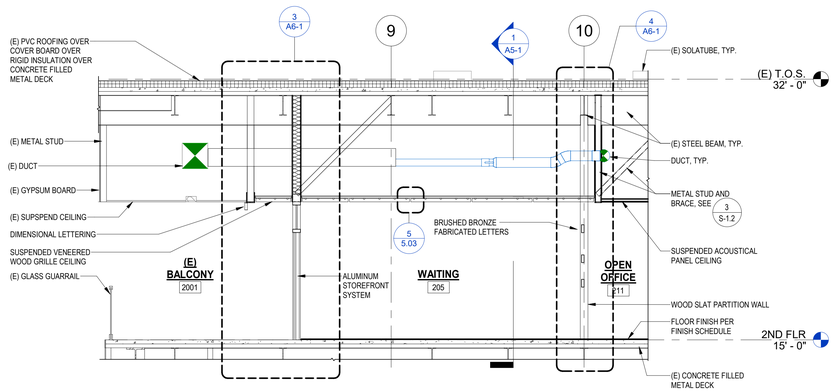


EAST - WEST BUILDING SECTION 2

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

1



PARTIAL BUILDING SECTION AT WAITING ROOM 205/ (E) BALCONY

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

2

C:\Users\chris.TBPADocuments\GWC_EXECUTIVE OFFICE_CENTRAL_R24_chris5JRJK.rvt

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APP: 04-124889 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300

agency

tBP
architecture
planning
interiors

LICENSED ARCHITECT
GREG L. CHEEK
NO. C31187
RENEWAL 4-30-27
STATE OF CALIFORNIA

01/29/2026

tBP Architecture
4611 Teller Avenue
Newport Beach, CA 92660
ph: 949.673.0300 fx: 949.732.3895

architect

consultant

GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:29:38 AM

rev:	date:	description:

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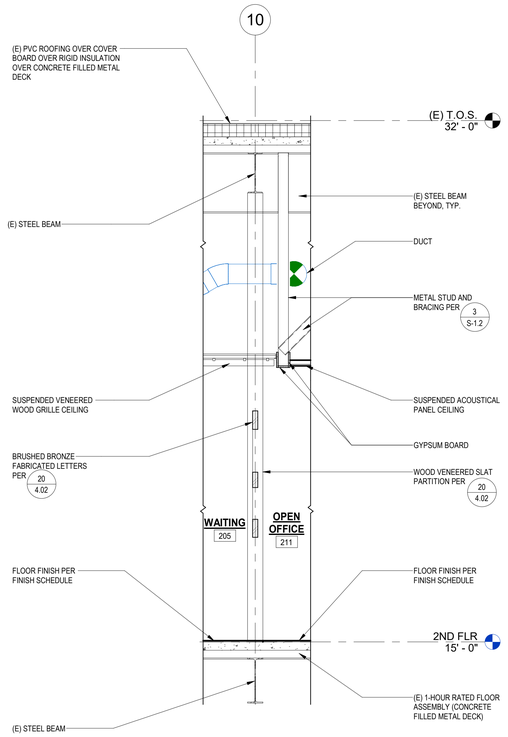
drawing title:

BUILDING SECTIONS

drawing no.:

A5-2



WALL SECTION AT WOOD SLAT PARTITION 4

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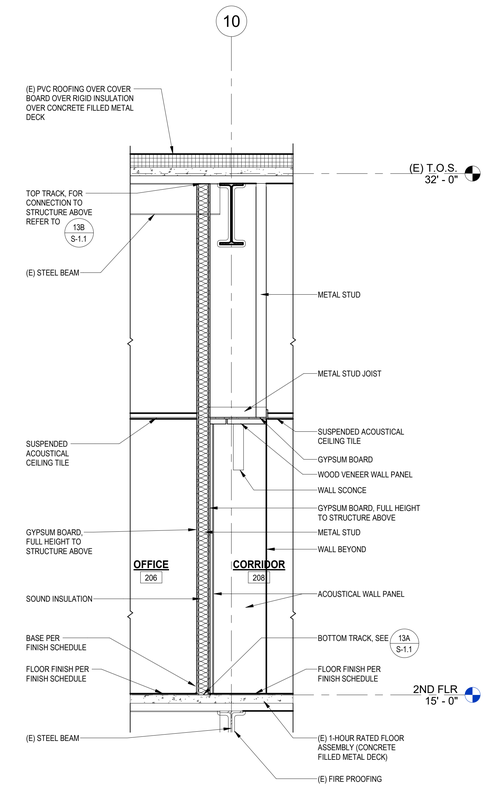

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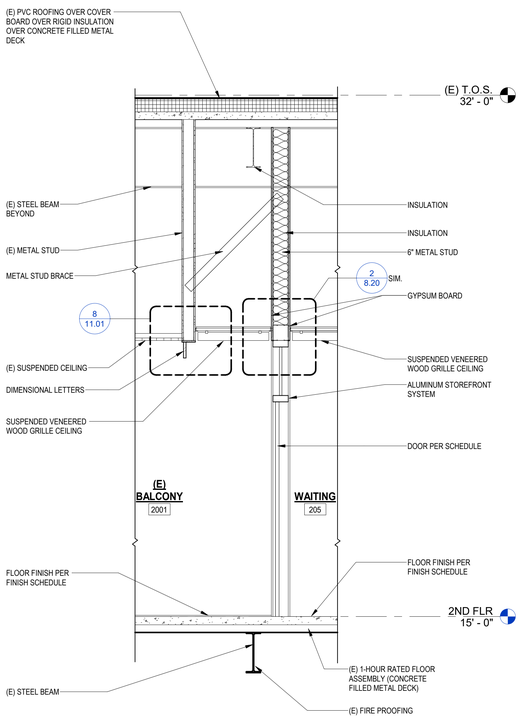

WALL SECTION AT ENTRY 3

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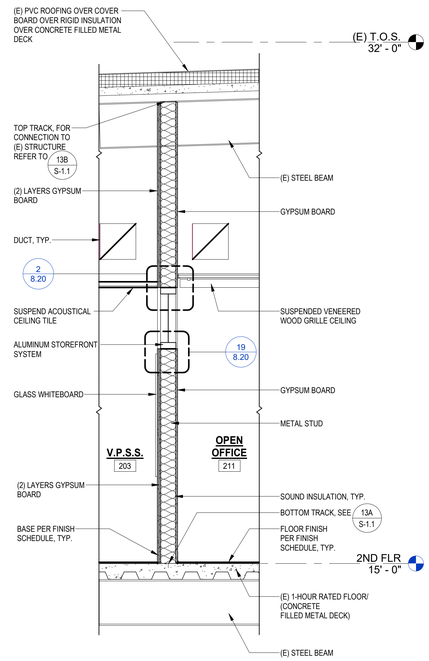

WALL SECTION AT ACOUSTICAL WALL 1

SCALE : 1/2" = 1'-0"

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agency

tBP architecture planning interiors

LICENSED ARCHITECT CRAIG L. CHENG NO. C34187 EXP. 4-30-27 STATE OF CALIFORNIA

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architect

consultant

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tBP project number: tBP No: 21182.00

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date: 11.03.2025 2/25/2026 11:29:39 AM

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drawing title:

WALL SECTIONS

drawing no.:

A6-1

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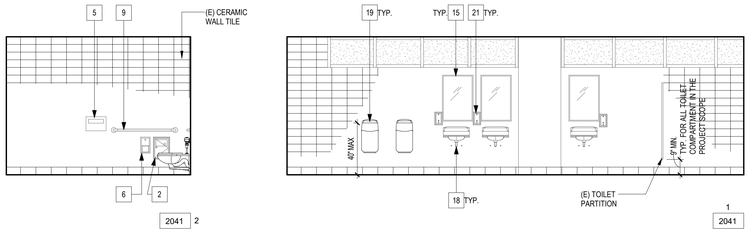
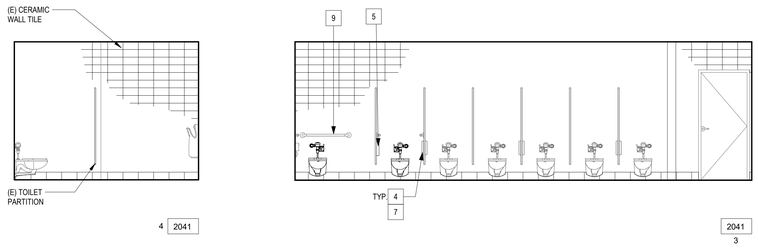




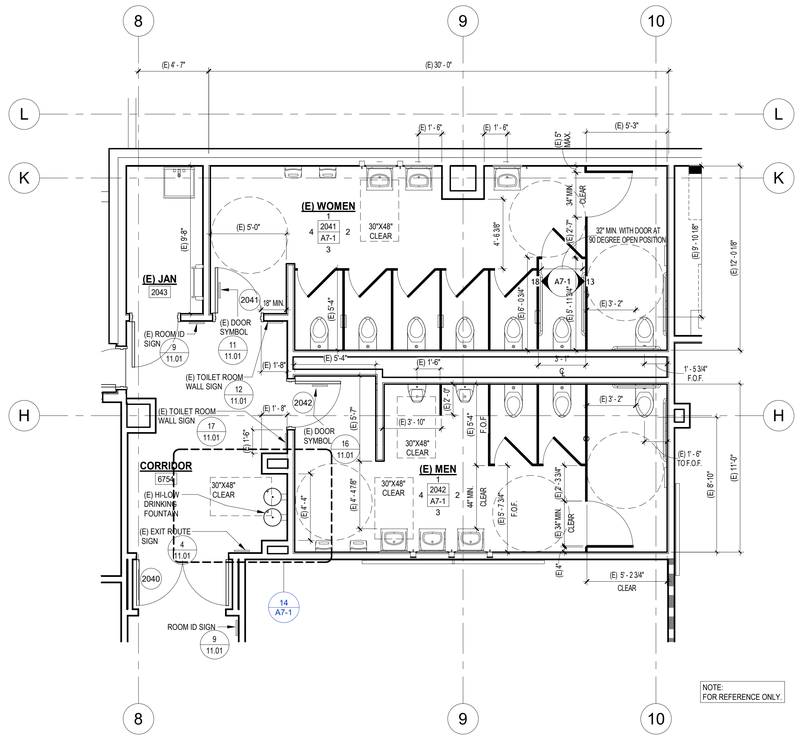
NOTE:
FOR REFERENCE ONLY.

(E) WOMEN'S RESTROOM

DSA A# 04-114433

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

2041



NORTH

0' 2' 4' 8' 16'

(E) ENLARGED TOILET ROOM PLAN - 2ND FLOOR

DSA A# 04-114433

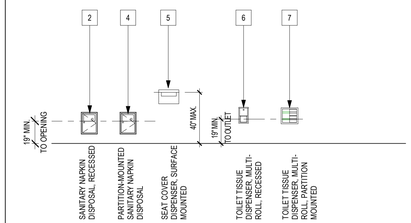
SCALE : 1/4" = 1'-0"

1

(E) TOILET ACCESSORY KEYNOTES

1	NOT USED
2	(E) SANITARY NAPKIN DISPOSAL, RECESSED, B-353
3	NOT USED
4	(E) SANITARY NAPKIN DISPOSAL, PARTITION MOUNTED (SERVES 2 COMPARTMENTS) B-354
5	(E) SEAT COVER DISPENSER, SURFACE MOUNTED, BOBRICK B-221
6	(E) TOILET TISSUE DISPENSER, RECESSED MULTI-ROLL, B-3888
7	(E) TOILET TISSUE DISPENSER, PARTITION MOUNTED MULTI-ROLL, B-386
8	NOT USED
9	(E) GRAB BAR, B6806 SERIES
10	NOT USED
11	NOT USED
12	NOT USED
13	NOT USED
14	NOT USED
15	(E) MIRROR, STAINLESS STEEL FRAMED, 18"X30", B-165
16	NOT USED
17	NOT USED
18	UNDERLAVATORY GUARDS, MOLDED VINYL COVERING FOR SUPPLY AND DRAIN PIPING WITH FLIP TOPS AT VALVE TO ALLOW SERVICE ACCESS WITHOUT REMOVING COVERINGS
19	(E) ELECTRIC HAND DRYER
20	NOT USED
21	(E) SOAP DISPENSER, VERTICAL TANK SURFACE MOUNTED, B-2111

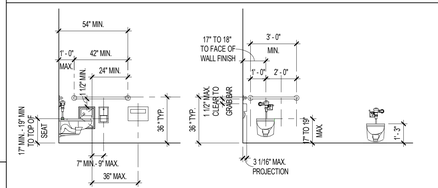
TOILET ACCESSORY MOUNTING HEIGHTS



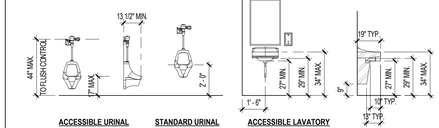
NOTES:

1. ALL DIMENSIONS FOR ACCESS COMPLIANCE ARE TO FACE OF FINISH U.O.N.
2. MOUNTING HEIGHT SHOWN ARE TYPICAL.
3. ACCESSORIES SHALL BE ACCESSIBLE WITH A MAXIMUM REACH HEIGHT OF 40" ABOVE FINISH FLOOR.
4. AREAS WITH FLOOR DRAINS AND SINKS SHALL HAVE SLOPES NOT STEEPER THAN 1:48 IN ALL DIRECTIONS.
5. FLOOR SINKS OR DRAINS OR TROUGHS EXPOSED TO P.O.T. OR TO PEDESTRAIN CIRCULATION PATHS SHALL HAVE 1/4" MAX. GRATE OPENINGS IN ALL DIRECTIONS. (**CBC SEC. 11B-302.3**)
6. OPERABLE PARTS OF ALL THE ACCESSIBLE ELEMENTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAX. (**CBC SEC. 11B-205 AND 11B-309.4**)
7. SEE ENLARGE TOILET PLAN AND INTERIOR ELEVATIONS FOR TOILE ACCESSORY LOCATIONS.

TOILET FIXTURE MOUNTING HEIGHTS



ACCESSIBLE WATER CLOSET (SIDE VIEW) | ACCESSIBLE WATER CLOSET (FRONT VIEW) | STANDARD WATER CLOSET



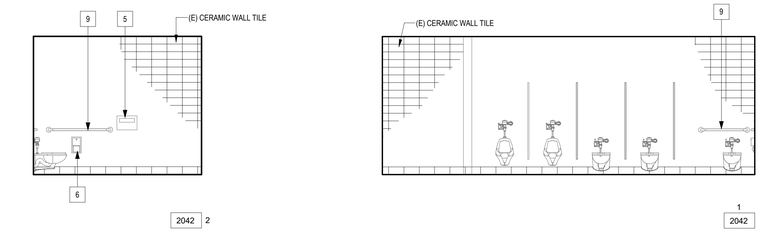
ACCESSIBLE URINAL | STANDARD URINAL | ACCESSIBLE LAVATORY

NOTES:

1. AREA NOT HATCHED BELOW LAVATORY SHALL BE ACCESSIBLE AND CLEAR.
2. WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE OBJECTS OR SURFACES UNDER LAVATORIES.

CLEARANCES OF FIXTURES & ACCESSORIES TO FINISH SURFACE

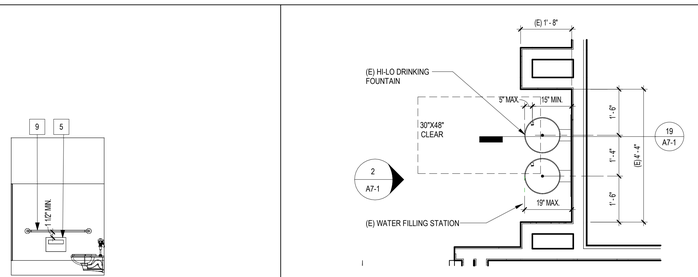
	ADULT
TOILET CENTERLINE FROM WALL	17" - 18"
TOILET SEAT HEIGHT (AT SEAT LID)	17" - 19"
GRAB BAR HEIGHT (TOP OF GRAB BAR)	33" - 36"
TOILET PAPER IN FRONT OF TOILET	7" - 9"
DISPENSER OR MIRROR HEIGHT	40" MAX.
LAVATORY/SINK TOP HEIGHT	34" MAX.
LAVATORY/SINK KNEE CLEARANCE	27" MIN., 29" MAX.
URINAL LIP HEIGHT	17" MAX.
URINAL FLUSH HANDLE HEIGHT	44" MAX.



(E) EAST AMBULATORY RESTROOOM

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

13

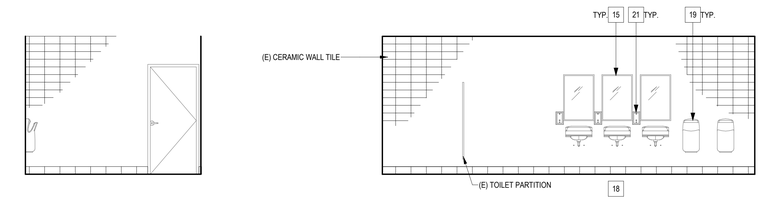


NOTE:
FOR REFERENCE ONLY.
DSA A# 04-114433

(E) HI-LO DRINKING FOUNTAIN

SCALE: 1/2" = 1'-0"

14



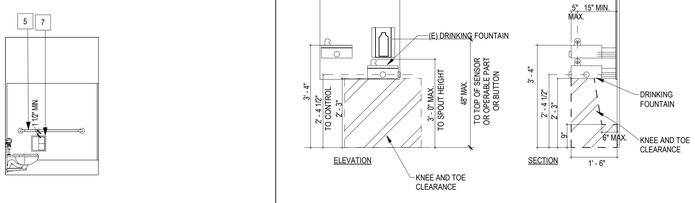
NOTE:
FOR REFERENCE ONLY.

(E) MEN'S RESTROOM

DSA A# 04-114433

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

2042



(E) WEST AMBULATORY RESTROOOM

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

18

NOTE:
FOR REFERENCE ONLY.
DSA A# 04-114433

(E) DRINKING FOUNTAIN ELEVATION

SCALE: N.T.S

19

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agency

tBP architecture planning interiors

LICENSED ARCHITECT GREG L. GREIG NO. C31187 REN. 4-30-27 STATE OF CALIFORNIA
01/29/2026

tBP/Architecture
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GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

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Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:29:43 AM

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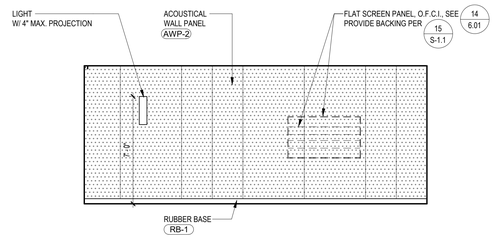
drawing title:

(E) ENLARGED TOILET PLAN & ELEVATIONS

drawing no.:

A7-1



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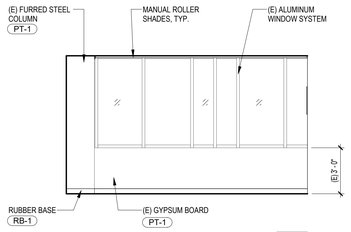

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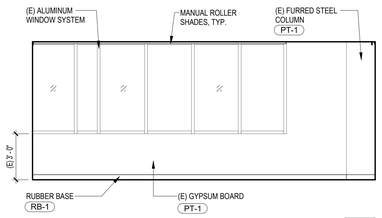

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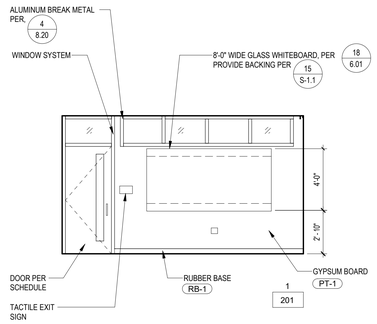

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PRESIDENT
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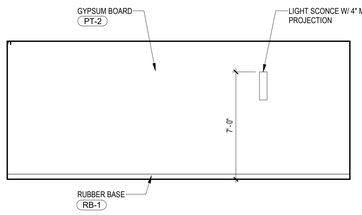

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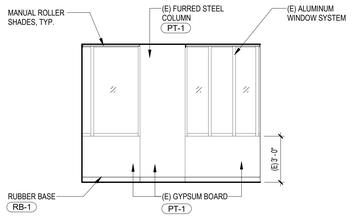

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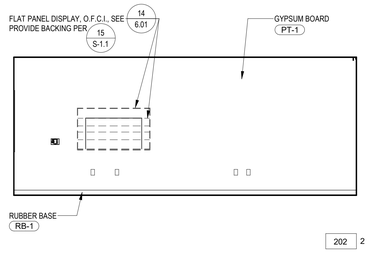

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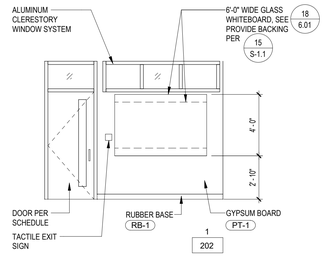

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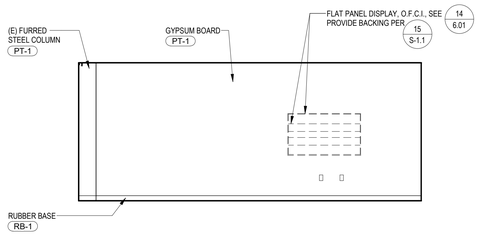

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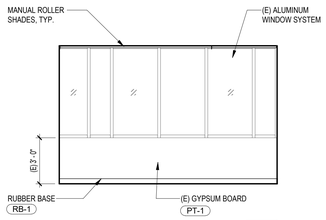

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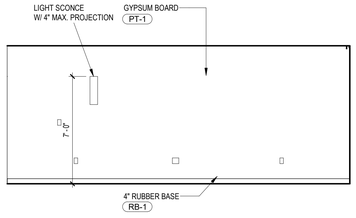

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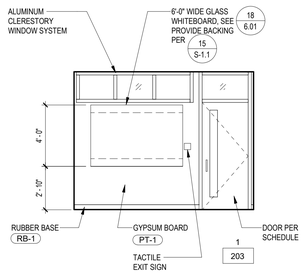

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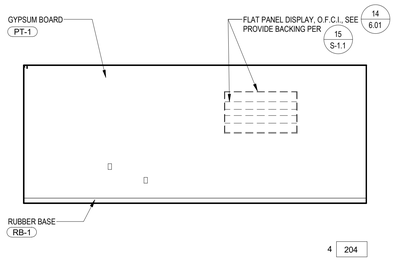

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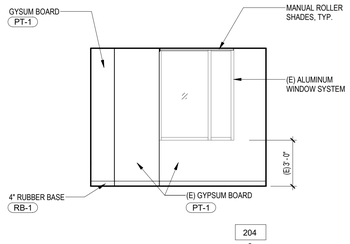

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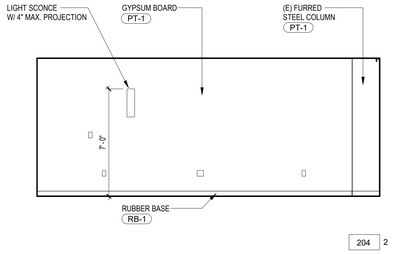

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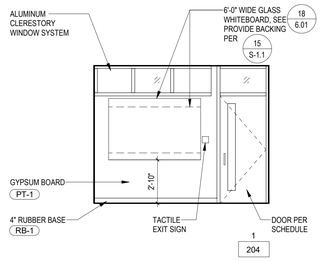

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204

V.P.I.
SCALE: 1/4"=1'-0"

204

ELEVATION NOTES

1. REFER TO SHEET T-2 FOR ADDITIONAL ABBREVIATIONS, GENERAL NOTES, AND DRAFTING SYMBOLS.
2. ALL ITEMS ARE NEW UNLESS NOTED OTHERWISE.
3. REFER TO SHEET 4.01 FOR TYPICAL ACOUSTICAL WALL PANEL AND WOOD PANEL MOUNTING DETAILS.
4. PROVIDE BACKING PLATE AT ALL GLASS MOUNTED ROOM / TACTILE SIGNS.
5. REFER TO SHEET 11.01 FOR TYPICAL SIGNAGE DETAILS.

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tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:29:45 AM

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drawing title:

INTERIOR ELEVATIONS

drawing no.:

A9-1

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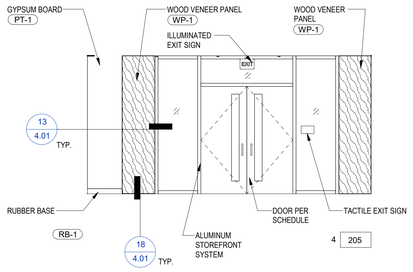

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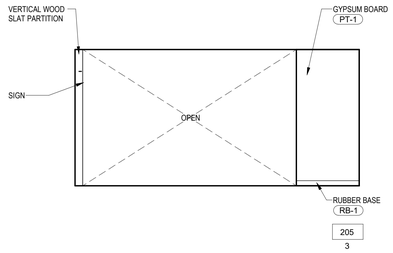

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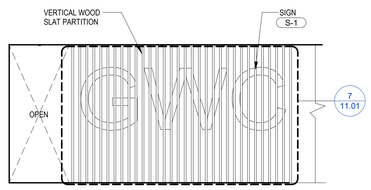

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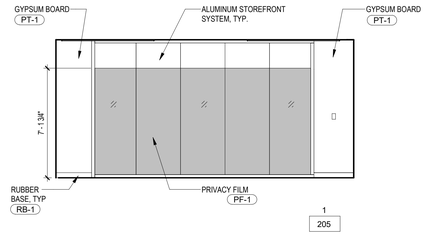

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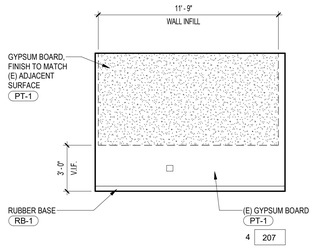
WAITING
SCALE: 1/4"=1'-0"

205



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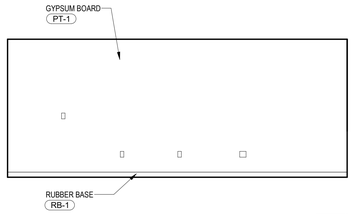

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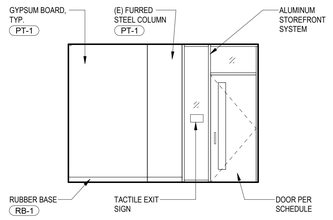

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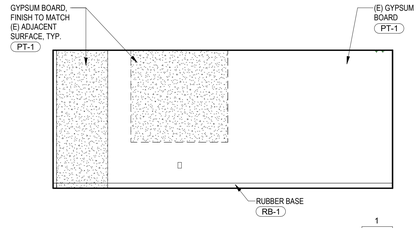

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WORK ROOM
SCALE: 1/4"=1'-0"

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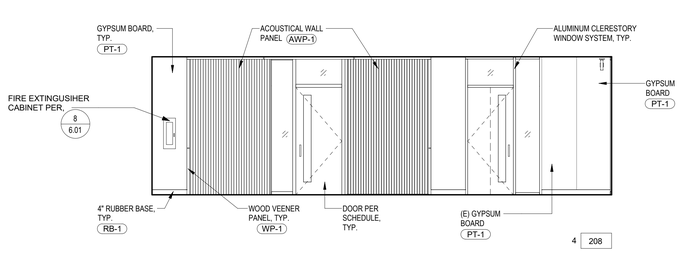

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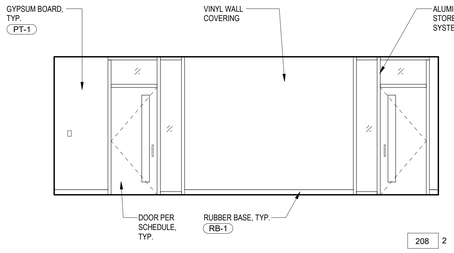

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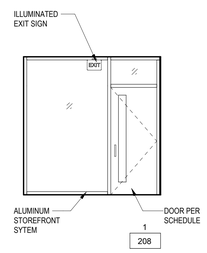

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CORRIDOR
SCALE: 1/4"=1'-0"

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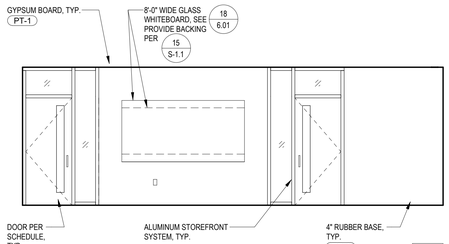

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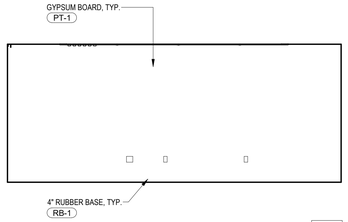

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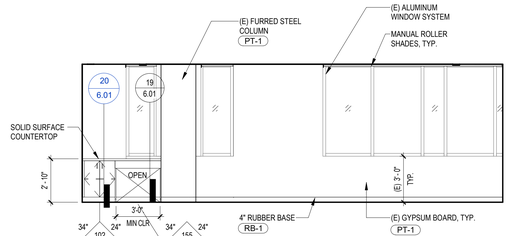

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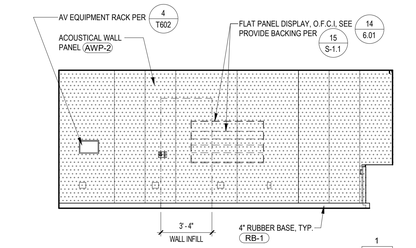

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CONFERENCE
SCALE: 1/4"=1'-0"

209

GENERAL NOTES

1. REFER TO SHEET T-2 FOR ADDITIONAL ABBREVIATIONS, GENERAL NOTES, AND DRAFTING SYMBOLS.
2. ALL ITEMS ARE NEW UNLESS NOTED OTHERWISE.
3. REFER TO SHEET 4.01 FOR TYPICAL ACOUSTICAL WALL PANEL AND WOOD PANEL MOUNTING DETAILS.
4. PROVIDE BACKING PLATE AT ALL GLASS MOUNTED ROOM / TACTILE SIGNS.
5. REFER TO SHEET 11.01 FOR TYPICAL SIGNAGE DETAILS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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DATE: 03/04/2026

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10920 VIA FRONTERA, SUITE 300

agency

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architecture
planning
interiors

LICENSED ARCHITECT
GREG L. GREIG
NO. C31187
REN. 4-'25
STATE OF CALIFORNIA

01/29/2026

tBP/Architecture
4611 Teller Avenue
Newport Beach, CA 92660
ph: 949.673.0300 fx: 949.732.3895

architect

consultant

GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:29:48 AM

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A9-2

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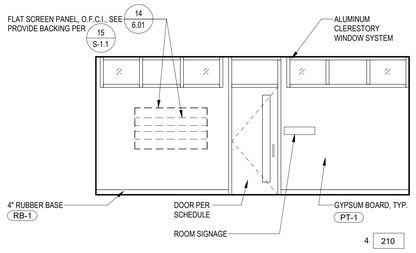

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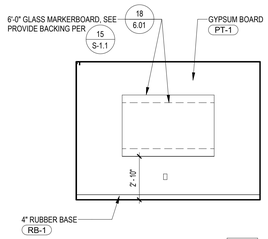

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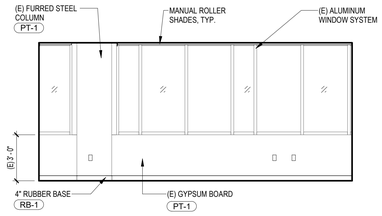

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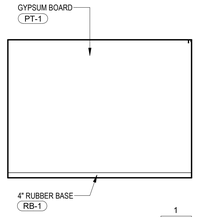

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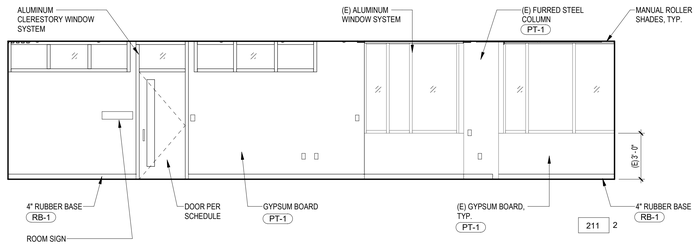
FOUNDATION DIRECTOR

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

210



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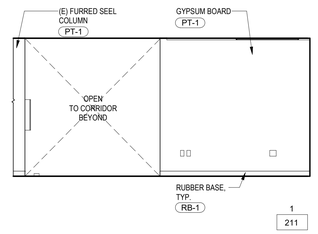

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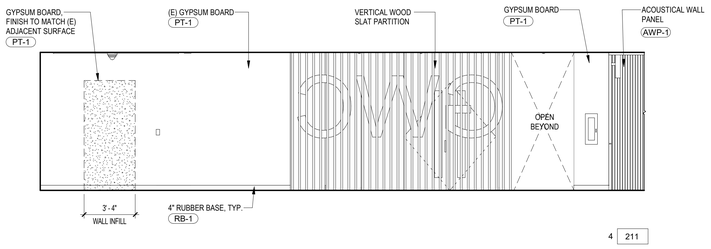

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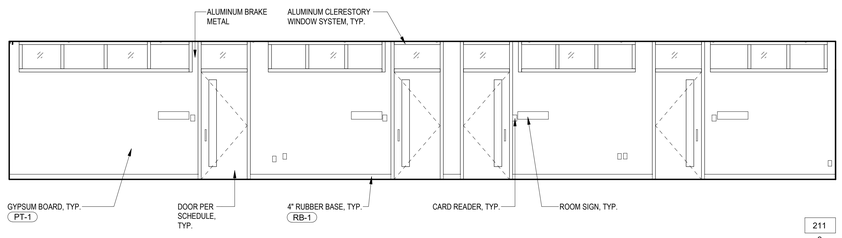

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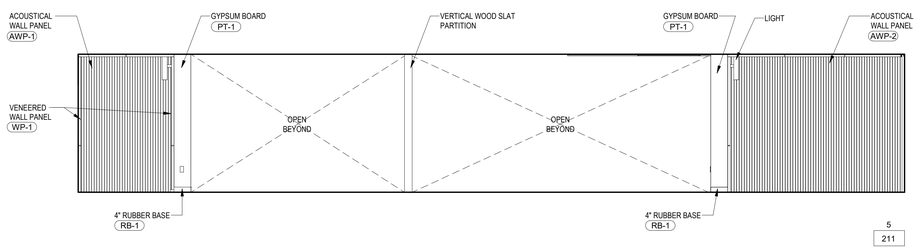

5
211

OPEN OFFICE

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

211

GENERAL NOTES

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10920 VIA FRONTERA, SUITE 300

agency

tBP
architecture
planning
interiors

LICENSED ARCHITECT
GREG L. GREIG
NO. C34187
RENEWAL 4-30-27
STATE OF CALIFORNIA

01/29/2026

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ph: 949.673.0300 fx: 949.732.3895

architect

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GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

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A9-3

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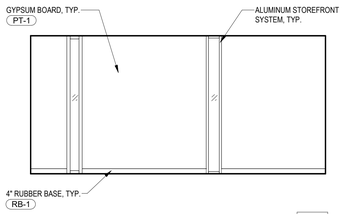

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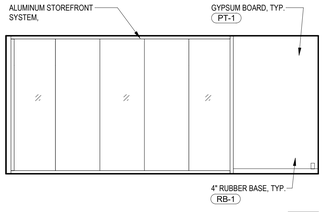

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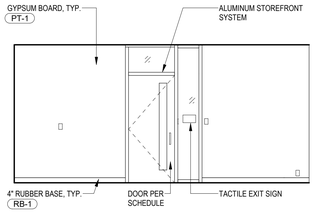

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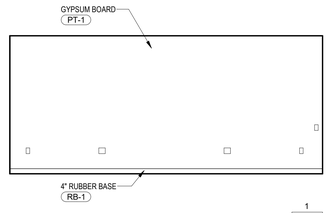

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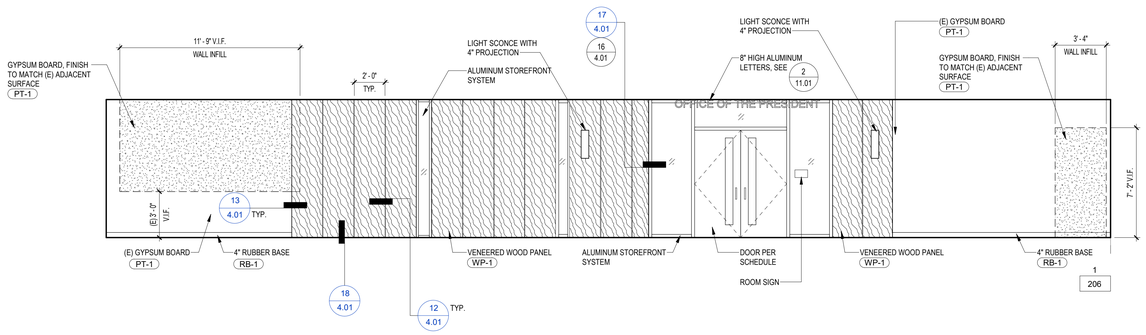
OFFICE
SCALE: 1/4"=1'-0" — 206



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(E) BALCONY
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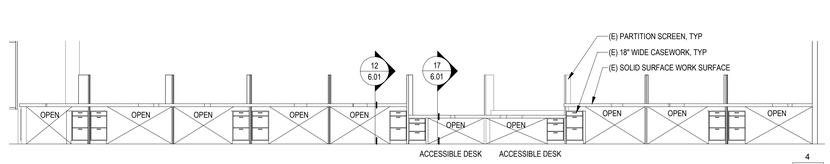

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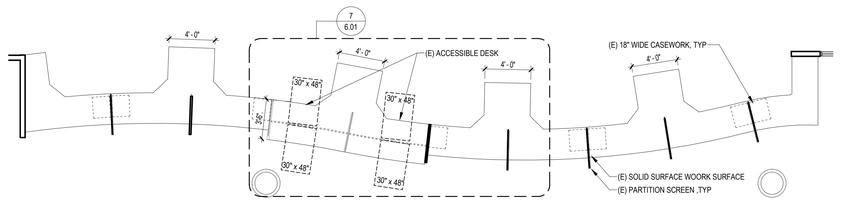
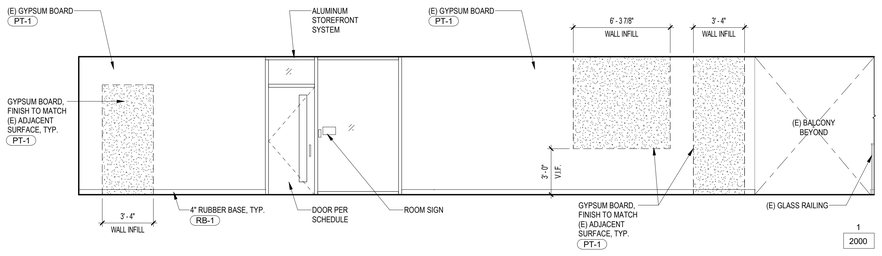


(NOT IN SCOPE) RECEPTION COUNTER PLAN
SCALE: 3/16" = 1'-0" — 9



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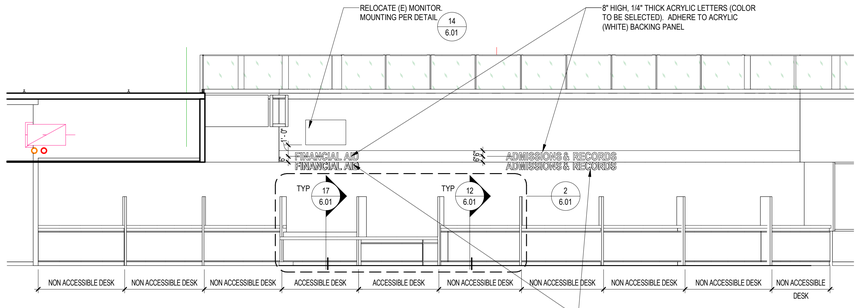
SCALE: 1/4"=1'-0" — 2000



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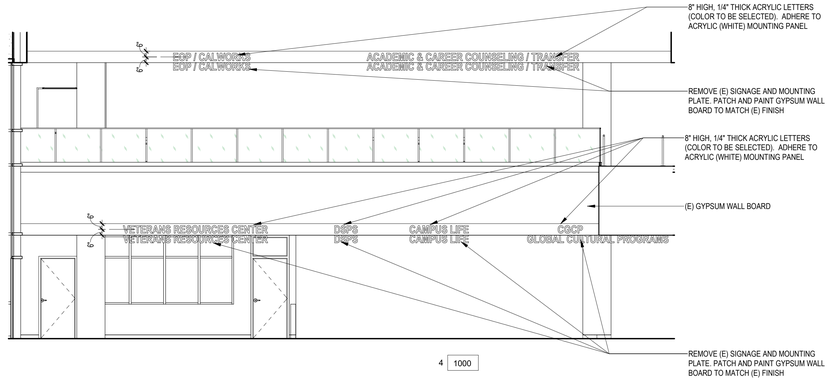

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(E) LOBBY
SCALE:3/16"=1'-0" — 1000

NOTES

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SS ☑ FLS ☑ ACS ☑
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10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

LICENSED ARCHITECT
GREG L. GREIG
NO. C31187
REN. 4-30-27
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01/29/2026

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drawing title:

INTERIOR ELEVATIONS

drawing no.:

A9-4

C:\Users\cfore.TBP\Documents\GWC_EXECUTIVE OFFICE_CENTRAL_R24_dsw9rRAK.rvt

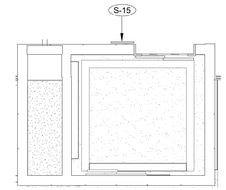
SIGNAGE PLAN - 2ND FLOOR
SCALE: 1/4" = 1'-0" 2

SIGNAGE LEGEND

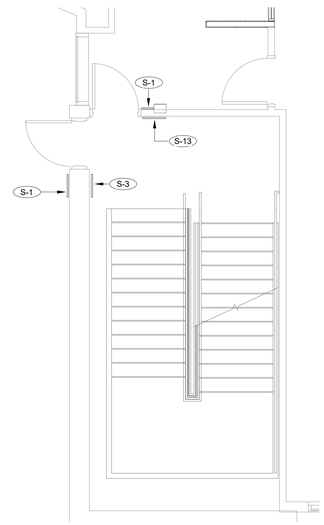
- S-1 ROOM NAME/ NUMBER SIGNS, SEE DOOR SCHEDULE AND 9/11.01
- S-2 ROOM NAME/ NUMBER SIGNS WITH INSERT, SEE DOOR SCHEDULE AND 15/11.01
- S-3 TACTILE "EXIT" SIGN (INTERIOR), SEE 19/11.01
- S-4 TACTILE "EXIT ROUTE" SIGN (INTERIOR), SEE 4/11.01
- S-5 NOT USED
- S-6 "GWC" DIMENSIONAL LETTERS, SEE 7/11.01
- S-8 DIMENSIONAL LETTERS ABOVE, SEE 2/11.01
- S-9 ACCESSIBLE ENTRANCE SIGN (EXTERIOR), SEE 20/11.01
- S-10 ELEVATOR DIRECTIONAL SIGNAGE, SEE 13/11.01
- S-11 OFFICE SIGNAGE, SEE 15/11.01
- S-12 ASSISTIVE LISTENING SIGN, SEE 10/11.01
- S-13 FLOOR IDENTIFICATION SIGN, SEE 17/14.01 20/14.01
- S-14 EXIT STAIR DOWN, SEE 18/11.01
- S-15 ACCESSIBLE ELEVATOR SIGN, SEE 19/14.01

SIGNAGE NOTES

1. PROVIDE A TOTAL OF 15 S-11 SIGNS. MOUNT 10 SIGNS ON SYSTEM FURNTURE NOT SHOWN ON PLANS.



SIGNAGE PLAN - 2ND FLOOR ELEVATOR
SCALE: 1/4" = 1'-0" 3



SINAGE PLAN - 1ST FLOOR
SCALE: 1/4" = 1'-0" 1

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DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

LICENSED ARCHITECT CRAIG L. CHENG NO. C34187 EXP. 4-30-27 STATE OF CALIFORNIA
01/29/2026

tBP/Architecture
4611 Teller Avenue
Newport Beach, CA 92660
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architect

consultant

GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00
file name:
drawn by: B.C. checked by: C.F.
date: 11.03.2025 2/25/2026 11:29:32 AM

rev:	date:	description:

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drawing title:
SIGNAGE PLAN - 2ND FLOOR

drawing no.:
A11-2

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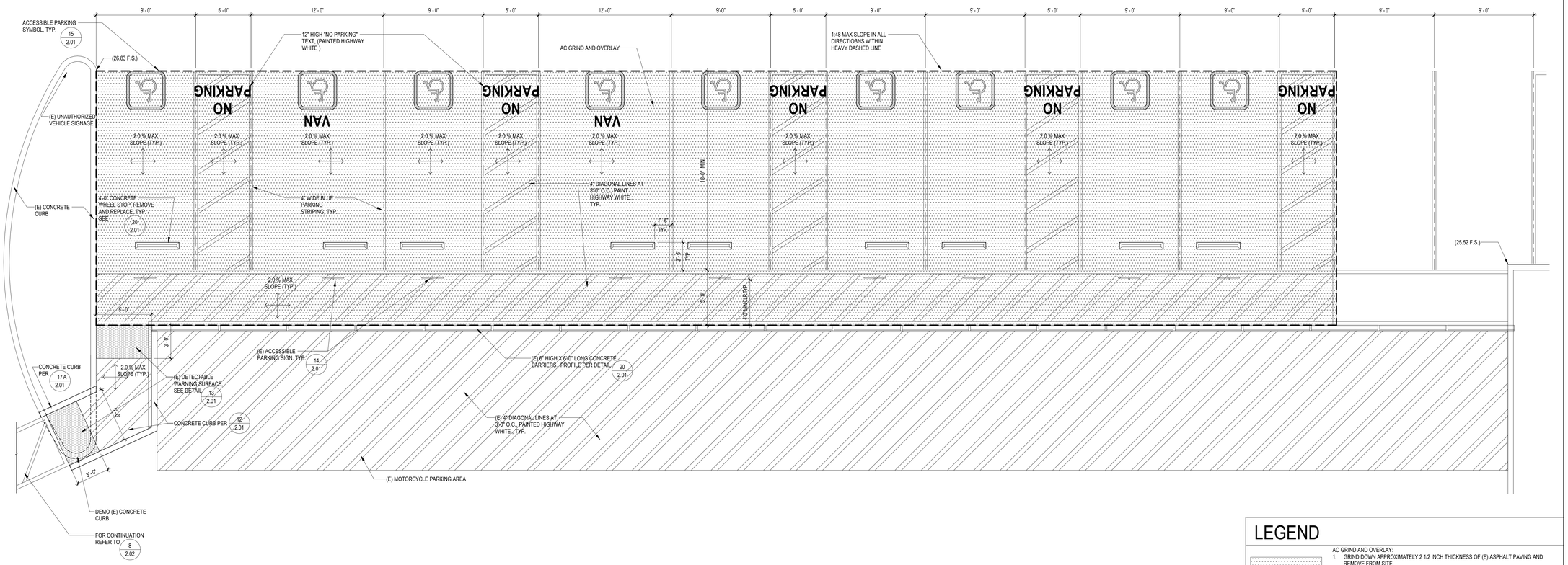
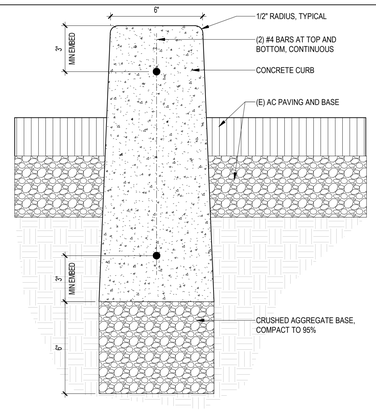


LEGEND

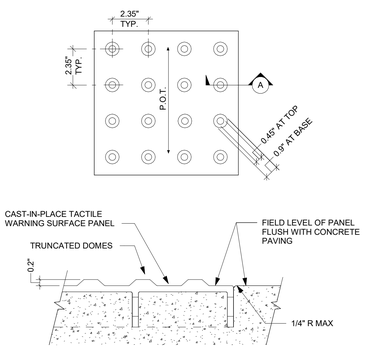
AC GRIND AND OVERLAY:

1. GRIND DOWN APPROXIMATELY 2 1/2 INCH THICKNESS OF (E) ASPHALT PAVING AND REMOVE FROM SITE.
2. CLEAN SURFACE OF GRINDED DOWN ASPHALT, APPLY TACK COAT MEETING SECTION 302-5.4 PER S.S.P.W.C. (GREENBBOOK) ON EXISTING SURFACE TO BE OVERLAID.
3. INSTALL 2 1/2 INCH THICK ASHPALT PAVEMENT (TYPE III-C3-PG-64-10), SLOPES SHALL NOT EXCEED 2.0% IN ANY DIRECTION.
4. APPLY TWO COATS OF SEAL OVER NEW ASPHALT A MINIMUM OF 30 DAYS AFTER OVERLAY.

(E) ACCESSIBLE PARKING: PARKING LOT I - A# 04 -114433 — 10
SCALE: 1/4" = 1'-0"

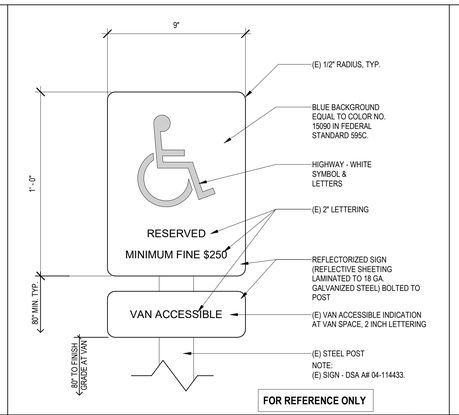


CONCRETE CURB — 12
SCALE: 3" = 1'-0"



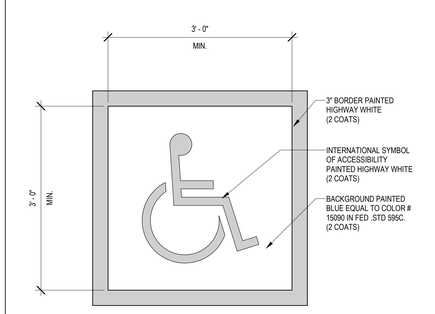
SECTION A

DETECTABLE WARNING SURFACE — 13
SCALE: 3" = 1'-0"



FOR REFERENCE ONLY

(E) ACCESSIBLE PARKING STALL SIGN — 14
SCALE: 3" = 1'-0"



NOTES:

1. SYMBOL SHALL BE LOCATED SUCH THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICER WHEN A VEHICLE IS PROPERLY PARKED IN THE STALL.

FOR REFERENCE ONLY

(E) PAVEMENT SYMBOL - A# 04 - 114433 — 15
SCALE: 1" = 1'-0"

TYPICAL SLAB EDGE — 16
SCALE: 3" = 1'-0"

CURB-CUT RAMP — 17
SCALE: 1/4" = 1'-0"

NOTES:

POST SIGN IN CONSPICUOUS PLACE AT THE ENTRANCE TO OFF-STREET PARKING AREA/S.

UNAUTHORIZED VEHICLE SIGNAGE — 18
SCALE: 1 1/2" = 1'-0"

ASPHALT GRIND / OVERLAY DETAIL — 19
SCALE: 1 1/2" = 1'-0"

CONCRETE WHEEL STOP — 20
SCALE: 1 1/2" = 1'-0"

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SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300

agency

tBP
architecture
planning
interiors

LICENSED ARCHITECT
GREG L. GREEN
No. C31187
RENEWAL 4-30-27
STATE OF CALIFORNIA

01/29/2026

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architect

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GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:28:52 AM

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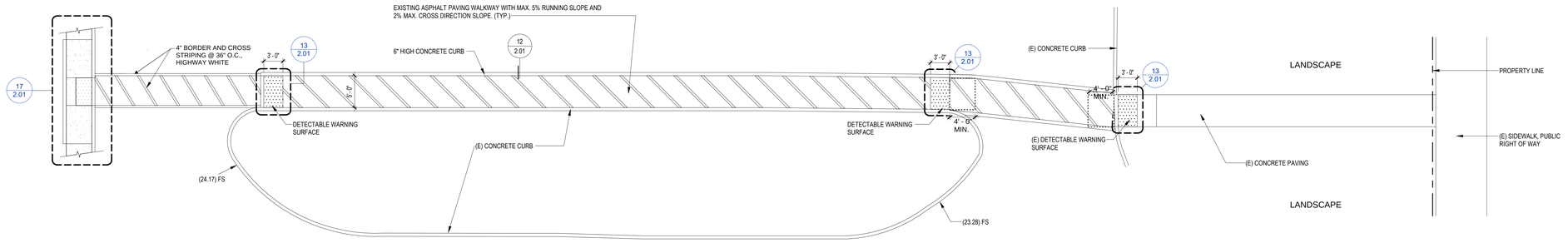
drawing title:

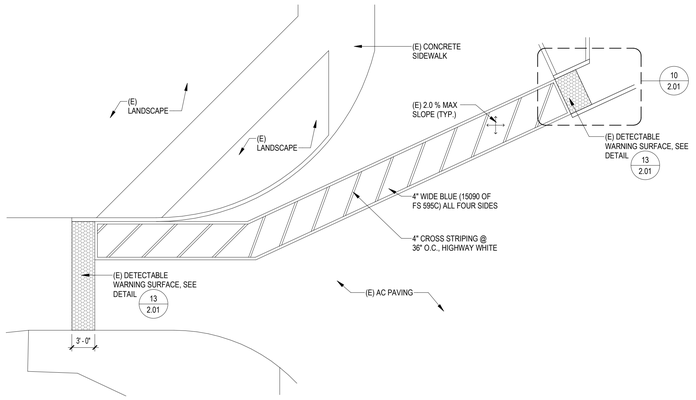
DETAILS

drawing no.:

2.01

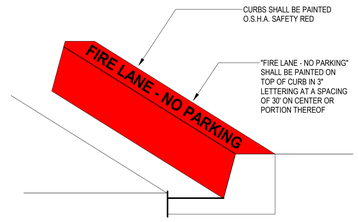


PATH OF TRAVEL - A#04-114433 — SCALE: 1/8" = 1'-0" — 5

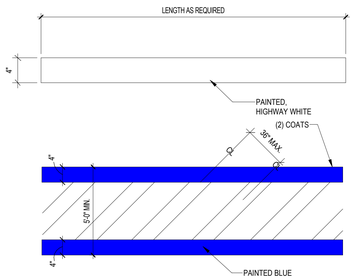


PATH OF TRAVEL TO PARKING — SCALE: 1/8" = 1'-0" — 8

STANDARD CURB

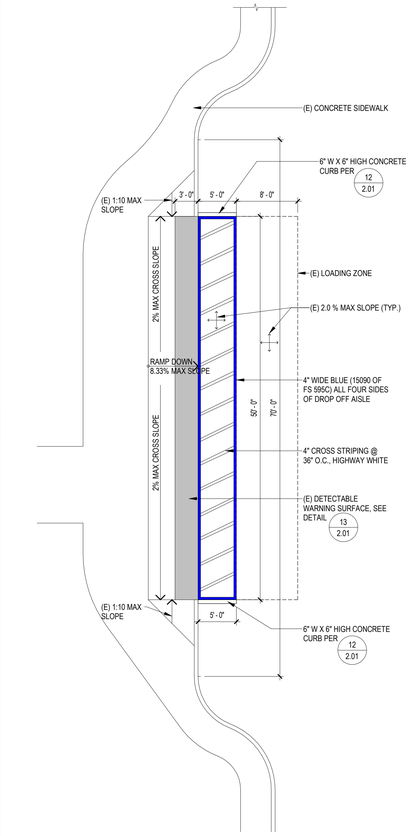


FIRE LANE CURB IDENTIFICATION — SCALE: 1" = 1'-0" — 9



NOTES
FIRE LANE MARKINGS ARE TO BE PAINTED WITH NO LESS THAN TWO COATS OF APPROVED RED PAINT, TYP. MUST COMPLY WITH CBC 11B-503.3

PAVEMENT STRIPING — SCALE: N.T.S. — 14



(E) PASSENGER LOADING ZONE — SCALE: 1/8" = 1'-0" — 15

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DIVISION OF THE STATE ARCHITECT
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agency

tBP architecture planning interiors

LICENSED ARCHITECT — GREG L. GHEDI — NO. C34187 — STATE OF CALIFORNIA

01/29/2026

tBP/Architecture
4611 Teller Avenue
Newport Beach, CA 92660
ph: 949.673.0300 fx: 949.732.3895

architect

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GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

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drawing title:

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drawing no.:

2.02

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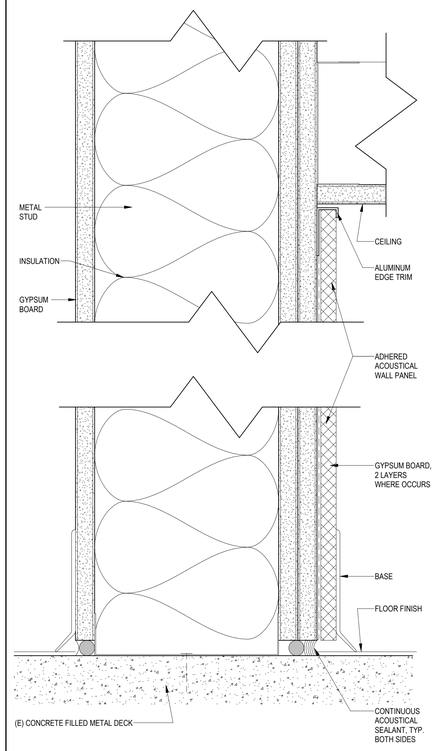
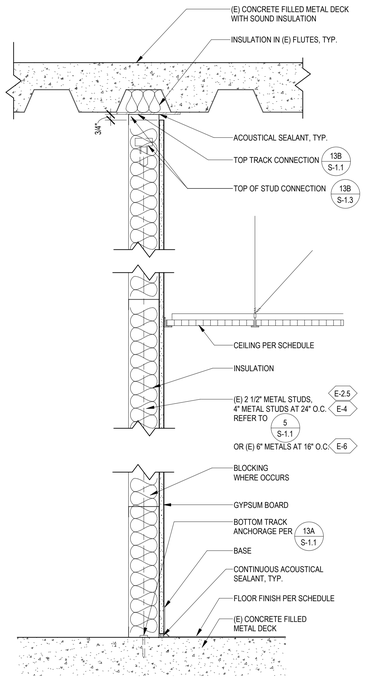


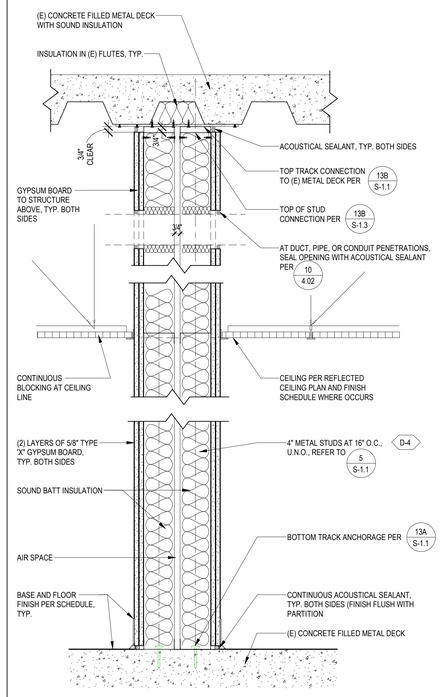
ACOUSTICAL WALL PANEL ATTACHMENT 6
SCALE: 6" = 1'-0"



WALL TYPE E-#
# INDICATES WIDTH OF METAL STUDS

U.L. #: NONE
FIRE RATING: NONE
STC: NONE

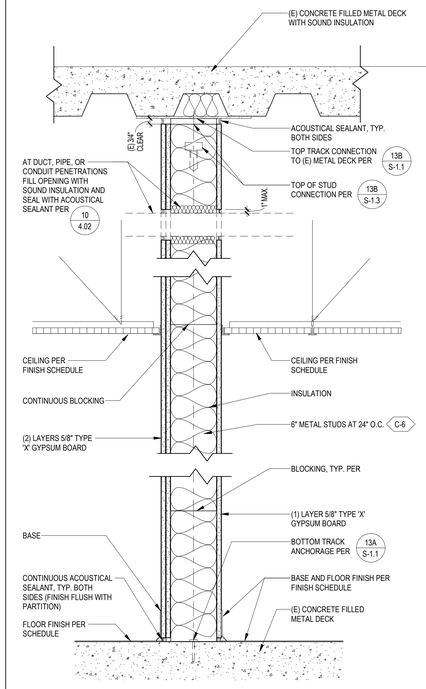
FURRED WALL 7
SCALE: 1 1/2" = 1'-0"



WALL TYPE D-#
# INDICATES WIDTH OF METAL STUDS

U.L. #: NONE
FIRE RATING: NONE
STC: 55

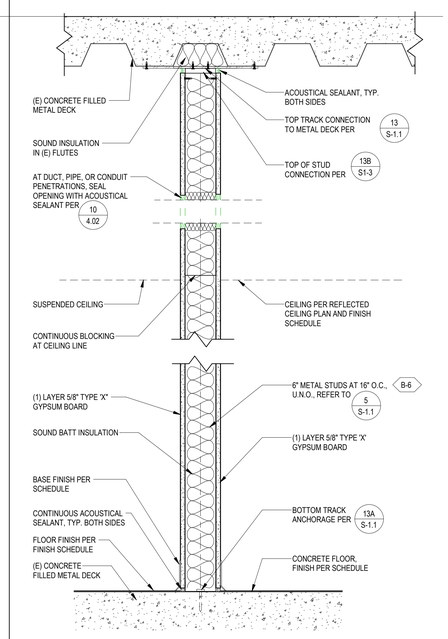
ACOUSTICAL PARTITION 8
SCALE: 1 1/2" = 1'-0"



WALL TYPE C-#
# INDICATES WIDTH OF METAL STUDS

U.L. #: NONE
FIRE RATING: NONE
STC: 45

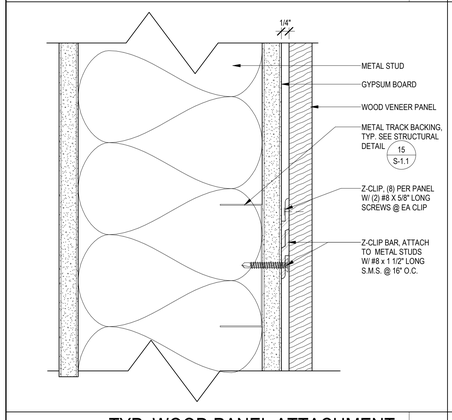
ACOUSTICAL PARTITION 9
SCALE: 1 1/2" = 1'-0"



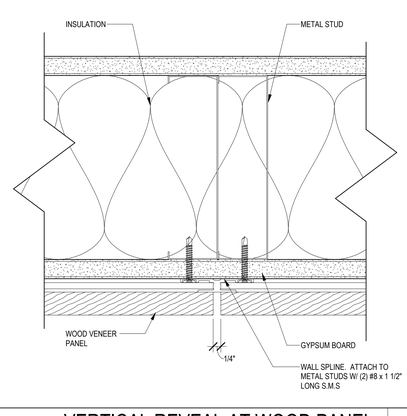
WALL TYPE B-#
# INDICATES WIDTH OF METAL STUDS

U.L. #: NONE
FIRE RATING: NONE
S.T.C.: NONE

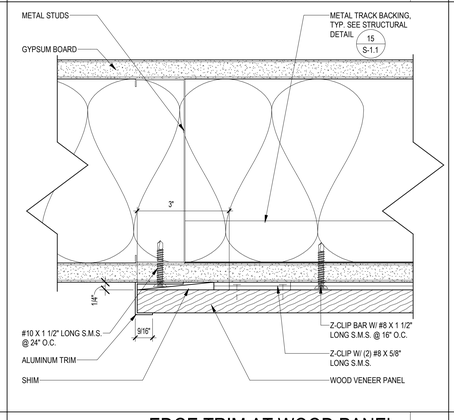
TYPICAL METAL STUD PARTITION 10
SCALE: 1 1/2" = 1'-0"



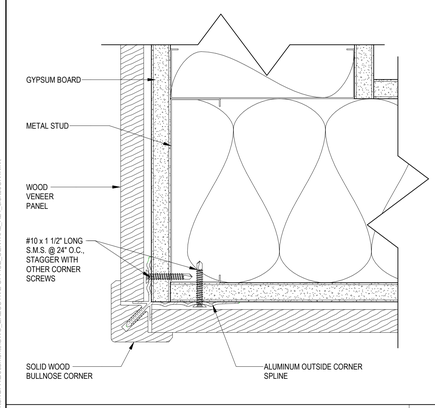
TYP. WOOD PANEL ATTACHMENT 11
SCALE: 6" = 1'-0"



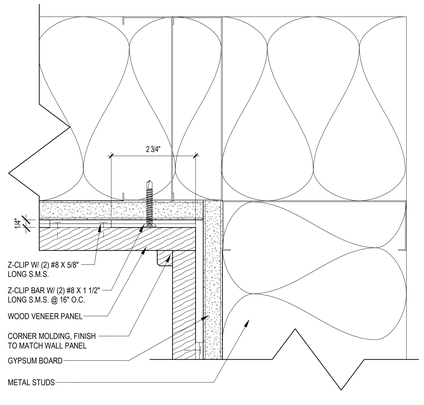
VERTICAL REVEAL AT WOOD PANEL 12
SCALE: 6" = 1'-0"



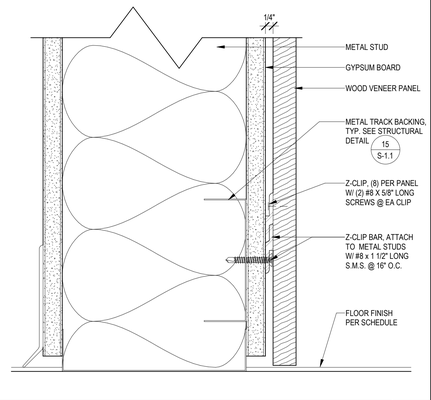
EDGE TRIM AT WOOD PANEL 13
SCALE: 6" = 1'-0"



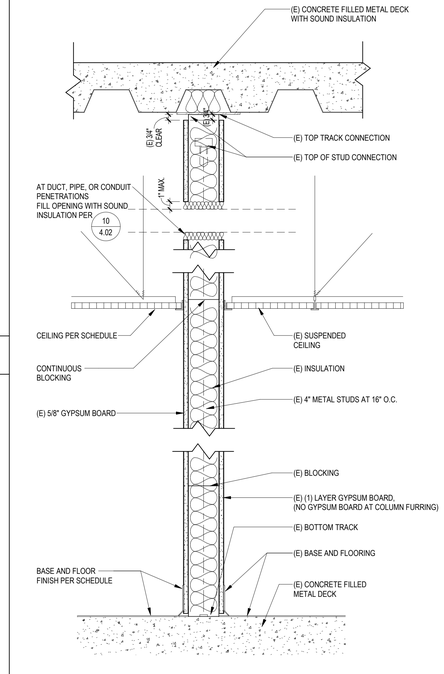
WOOD PANEL -OUTSIDE CORNER TRIM 16
SCALE: 6" = 1'-0"



WOOD PANEL - INSIDE CORNER 17
SCALE: 6" = 1'-0"



WALL PANEL AT BASE 18
SCALE: 6" = 1'-0"



WALL TYPE A-#
# INDICATES WIDTH OF METAL STUDS

U.L. #: NONE
FIRE RATING: NONE
STC: NONE

(E) METAL STUD PARTITION 2
SCALE: 1 1/2" = 1'-0"

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SS ☑ FLS ☑ ACS ☑
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agency

tBP architecture planning interiors

LICENSED ARCHITECT CHRIS L. CHENG NO. C31187 STATE OF CALIFORNIA

01/29/2026

tBP/Architecture
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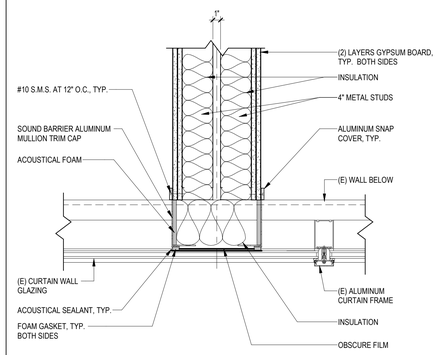
drawing title:

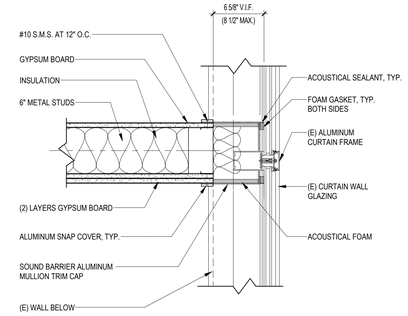
METAL STUD PARTITION TYPES

drawing no.:

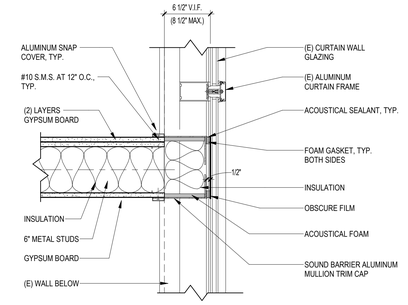
4.01



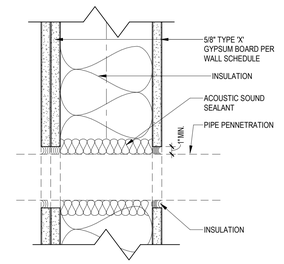
ACOUSTICAL WALL AT (E) GLAZING 1
SCALE: 1 1/2" = 1'-0"



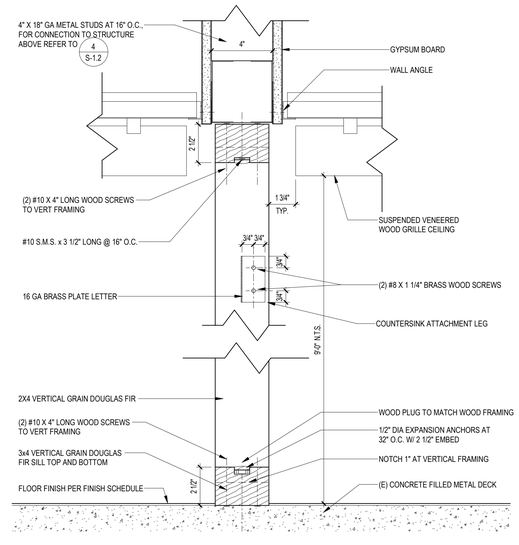
ACOUSTICAL WALL AT (E) MULLION 4
SCALE: 1 1/2" = 1'-0"

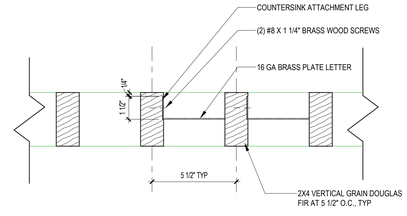


ACOUSTICAL WALL AT (E) GLAZING 5
SCALE: 1 1/2" = 1'-0"



ACOUSTIC WALL PENNETRATION 10
SCALE: 3" = 1'-0"





WAITING ROOM SIGNAGE 20
SCALE: 3" = 1'-0"

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LICENSED ARCHITECT CHRISTOPHER L. CHERRY NO. C34187 RENEWAL 08/31/2027 STATE OF CALIFORNIA

01/29/2026

tBP/Architecture
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Newport Beach, CA 92660
ph: 949.673.0300 fx: 949.732.3895

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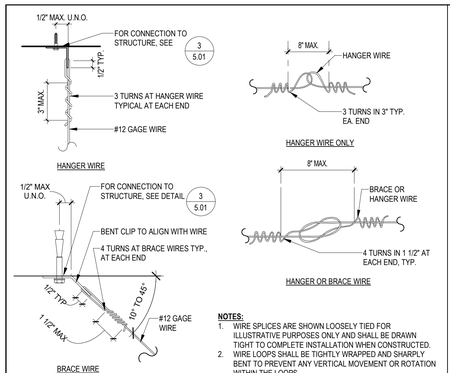
drawing title:

WALL DETAILS

drawing no.:

4.02

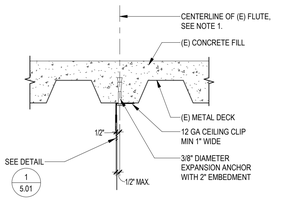


NOTES:

1. WIRE SPLICES ARE SHOWN LOOSELY TIED FOR ILLUSTRATIVE PURPOSES ONLY AND SHALL BE DRAWN TIGHT TO COMPLETE INSTALLATION WHEN CONSTRUCTED.
2. WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION WITHIN THE LOOPS.
3. EACH HANGER BRACE WIRE SHALL BE SPLICED NO MORE THAN ONCE ALONG ITS LENGTH.

HANGER & BRACE WIRE - TYP. WIRE TURNS 1

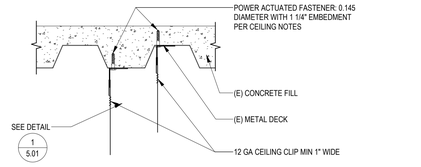
SCALE: N.T.S.



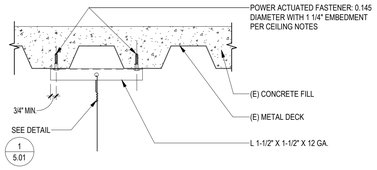
OPTION 1

NOTES:

1. POST INSTALLED ANCHORS TO BE PLACE NO MORE THAN 1" OFFSET FROM CENTERLINE OF DECK LOW FLUTE.
2. TEST POST-INSTALLED ANCHORS IN ACCORDANCE WITH CEILING NOTES 5.01 AND 5.02.
3. FOR ADDITIONAL INFORMATION REFER TO DETAIL 1/5.01



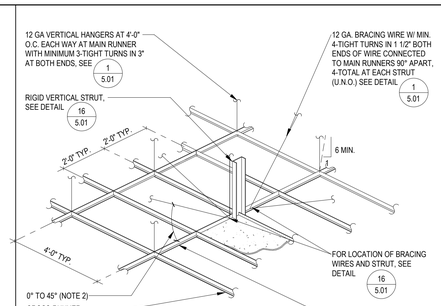
OPTION 2



OPTION 3

HANGER WIRE TO (E) CONCRETEE O/ METAL DECK 3

SCALE: 1 1/2" = 1'-0"



NOTES:

1. STRUTS SHALL NOT REPLACE HANGER WIRES.
2. THE MINIMUM ACCEPTABLE ANGLE IS DETERMINED SUCH THAT THE WIRES DO NOT INTERFERE WITH THE RUNNERS, LIGHT FIXTURES, ETC. AND REMAIN STRAIGHT AND UNOBSTRUCTED.

SUSPENSION AND BRACING ASSEMBLY 4

SCALE: N.T.S.

T-BAR CEILING ASSEMBLY SHALL COMPLY WITH ALL REQUIREMENTS NOTED IN DSA IR 25-2 (REVISED 01.17.2025)

1. CEILING SYSTEM GENERAL NOTES

1.01 CEILING SYSTEM COMPONENTS SHALL COMPLY WITH ASTM C635 AND ASTM E580 SECTION 5.1

1.02 THE CEILING GRID SYSTEM MUST BE RATED HEAVY DUTY PER ASTM E580 SECTION 5.1.1 AS DEFINED BY ASTM C635.

1.03 CEILING SYSTEMS: THE FOLLOWING CEILING SYSTEM(S) IS/ARE PART OF THE SCOPE OF THIS PROJECT:

MANUFACTURER'S NAME: ARMSTRONG
PRODUCT NAME: PRELUDE XL
PRODUCT EVALUATION REPORT TYPE AND NUMBER: ICC ESR-1308
MANUFACTURER'S MODEL NUMBER - MAIN RUNNER: PRELUDE XL7301
MANUFACTURER'S CATALOG NUMBER - CROSS RUNNER: XL7328

1.04 SEISMIC WALL CLIP:
MANUFACTURER'S MODEL: BERC-2 (ARMSTRONG)

1.05 CEILING PANELS SHALL NOT SUPPORT ANY LIGHT FIXTURES, AIR TERMINALS, OR DEVICES.

1.06 FOR CEILING INSTALLATIONS UTILIZING ACOUSTICAL TILE PANELS OF MINERAL OR GLASS FIBER, IT IS NOT MANDATORY TO PROVIDE 3/4" CLEARANCE BETWEEN THE ACOUSTICAL TILE PANELS AND THE WALL ON THE SIDES OF THE CEILING WHICH ARE FREE TO SLIP. FOR ALL OTHER CEILING PANEL TYPES, PROVIDE 3/4" CLEARANCE BETWEEN THE CEILING PANEL AND THE WALL ON THE SIDES OF THE CEILING FREE TO SLIP. CLEARANCE BETWEEN CEILING GRID RUNNERS/MEMBERS AND WALLS SHALL COMPLY WITH THE DETAILS IN THESE DRAWINGS REGARDLESS OF THE CEILING TILE MATERIAL.

2. MATERIALS:

2.01 CEILING WIRE SHALL BE CLASS 1 ZINC COATED (GALVANIZED) CARBON STEEL CONFORMING TO ASTM A641-09A. WIRE SHALL BE #12 GAUGE (0.106" DIAMETER) WITH SOFT TEMPER AND MINIMUM TENSILE STRENGTH = 70 KSI.

2.02 GALVANIZED SHEET STEEL (INCLUDING THAT USED FOR METAL STUD AND TRACK COMPRESSION STRUTS/POST) SHALL CONFORM TO ASTM A653-11, OR OTHER EQUIVALENT SHEET STEEL LISTED IN SECTION A2.1 OF THE NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS 2016 (AISI S100). MATERIAL 43 MIL (18 GAUGE) AND LIGHTER SHALL HAVE MINIMUM YIELD STRENGTH OF 33 KSI. MATERIAL 54 MIL (16 GAUGE) AND HEAVIER SHALL HAVE A MINIMUM YIELD STRENGTH OF 50 KSI.

2.03 ELECTRICAL METALLIC TUBE (EMT) SHALL BE ANSI C80.3/UL 797 CARBON STEEL WITH G90 GALVANIZING. EMT SHALL HAVE MINIMUM YIELD STRENGTH (FY) OF 30 KSI AND MINIMUM ULTIMATE STRENGTH (FU) OF 48 KSI.

3. ATTACHMENT OF HANGER AND BRACING WIRES.

3.01 SEPARATE ALL CEILING HANGER AND BRACING WIRES AT LEAST SIX (6) INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT, ETC.

3.02 HANGER AND BRACING WIRES SHALL NOT ATTACH TO OR BEND AROUND OBSTRUCTIONS INCLUDING BUT NOT LIMITED TO: PIPING, DUCTWORK, CONDUIT, AND EQUIPMENT.

3.03 HANGER WIRES THAT ARE MORE THAN ONE (HORIZONTAL) IN SIX (VERTICAL) OUT OF PLUMB SHALL HAVE COUNTER-SLOPING WIRES.

3.04 SLACK SAFETY WIRES SHALL BE CONSIDERED HANGER WIRES FOR INSTALLATION AND TESTING REQUIREMENTS.

3.05 HANGER AND BRACING WIRE ANCHORAGE TO THE STRUCTURE SHALL BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHORAGE ALIGNS CLOSELY WITH THE DIRECTION OF THE WIRE (E.G. BRACING WIRE CEILING CLIPS MUST BE BENT AS SHOWN IN THE DETAILS AND ROTATED AS REQUIRED TO ALIGN CLOSELY WITH THE DIRECTION OF THE WIRE, SCREW EYES IN WOOD MUST BE INSTALLED SO THEY ALIGN CLOSELY WITH THE DIRECTION OF THE WIRE, ETC.)

4. FASTENERS AND WELDING:

4.01 SHEET METAL SCREWS SHALL COMPLY WITH ASTM C1513-10, ASME B18.6.4-89 (R2005). PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHALL NOT BE LESS THAN THREE EXPOSED THREADS.

4.02 EXPANSION ANCHORS SHALL BE: HILTI KB-TZ2, ESR-4266

4.03 POWER-ACTUATED FASTENERS SHALL BE: HILTI X-C, ESR-1663

4.04 IF NOT OTHERWISE SPECIFIED IN THE EVALUATION REPORT, POWER-ACTUATED FASTENERS INSTALLED IN STEEL SHALL BE INSTALLED SO THE ENTIRE POINTED END OF THE FASTENER IS DRIVEN THROUGH THE STEEL MEMBER.

4.05 POWER-ACTUATED FASTENERS IN CONCRETE OR MASONRY ARE NOT PERMITTED FOR BRACING WIRES.

4.06 CONCRETE REINFORCEMENT AND PRESTRESSING TENDONS SHALL BE LOCATED BY NON-DESTRUCTIVE MEANS PRIOR TO INSTALLING POST-INSTALLED ANCHOR.

4.07 WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 USING E60XX SERIES ELECTRODES.

5. TESTING: ALL FIELD TESTING MUST BE PERFORMED IN THE PRESENCE OF THE PROJECT INSPECTOR.

5.01 POST-INSTALLED ANCHORS IN CONCRETE USED TO SUPPORT HANGER WIRES SHALL BE TESTED AT A FREQUENCY OF 10 PRECENT. POWER-ACTUATED FASTENERS IN CONCRETE SHALL BE FIELD TESTED FOR 200 LBS. IN TENSION. ALL OTHER POST-INSTALLED ANCHORS IN CONCRETE SHALL BE TESTED IN ACCORDANCE WITH CBC SECTION 1910A.5.

5.02 POST-INSTALLED ANCHORS IN CONCRETE USED TO ATTACH BRACING WIRES SHALL BE TESTED AT A FREQUENCY OF 50 PERCENT IN ACCORDANCE WITH CBC SECTION 1910A.5.

6. LIGHT FIXTURES:

6.01 ALL LIGHT FIXTURES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION SYSTEMS BY MECHANICAL MEANS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURE. A MINIMUM OF TWO SCREWS OR APPROVED FASTENERS ARE REQUIRED AT EACH LIGHT FIXTURE, PER ASTM E580, SECTION 5.3.1.

6.02 SURFACE-MOUNTED LIGHT FIXTURES SHALL BE ATTACHED TO THE MAIN RUNNER WITH AT LEAST TWO POSTIVE CLAMPING DEVICES. THE CLAMPING DEVICE SHALL COMPLETELY SURROUND THE SUPPORTING CEILING RUNNER AND BE MADE OF STEEL WITH A MINIMUM THICKNESS OF #14 GAUGE. ROTATIONAL SPRING CATCHES DO NOT COMPLY. A #12 GAUGE SLACK SAFETY WIRE SHALL BE CONNECTED FROM EACH CLAMPING DEVICE TO THE STRUCTURE ABOVE. PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE EIGHT (8) FEET OR LONGER OR EXCEED 56 LBS. MAXIMUM SPACING BETWEEN SUPPORTS SHALL NOT EXCEED EIGHT (8) FEET.

6.03 LUMINAIRES WEIGHING LESS THAN OR EQUAL TO 10 LBS. MAY BE SUPPORTED DIRECTLY ON THE CEILING RUNNERS, SHALL HAVE A MINIMUM OF ONE #12 GAUGE SLACK SAFETY CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE.

6.04 LUMINAIRES WEIGHING GREATER THAN 10 LBS. BUT LESS THAN OR EQUAL TO 56 LBS. MAY BE SUPPORTED DIRECTLY ON THE CEILING RUNNERS, BUT THEY SHALL HAVE A MINIMUM OF TWO #12 GAUGE SLACK SAFETY WIRES CONNECTED FROM THE FIXTURE HOUSING AT DIAGONAL CORNERS TO THE STRUCTURE ABOVE. EXCEPTION: ALL LIGHT FIXTURES GREATER THAN TWO BY FOUR FEET WEIGHING LESS THAN 56 LBS. SHALL HAVE A #12 GAUGE SLACK SAFETY WIRE AT EACH CORNER.

6.05 ALL LUMINAIRES WEIGHTING GREATER THAN 56 LBS. SHALL BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR TAUT #12 GAUGE HANGER WIRES (ONE AT EACH CORNER) ATTACHED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE OR OTHER APPROVED HANGERS. THE FOUR TAUT #12 GAUGE WIRES OR OTHER APPROVED HANGERS, INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE, SHALL BE CAPABLE OF SUPPORTING FOUR (4) TIMES THE WEIGHT OF THE FIXTURE.

7. SERVICES WITHIN THE CEILING:

7.01 ALL FLEXIBLE SPRINKLER HOSE FITTING MOUNTING BRACKETS, CEILING-MOUNTED AIR TERMINALS OR OTHER SERVICES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION SYSTEMS BY MECHANICAL MEANS. SCREWS OR APPROVED FASTENERS ARE REQUIRED. A MINIMUM OF TWO ATTACHMENTS ARE REQUIRED AT EACH COMPONENT.

7.02 CEILING-MOUNTED AIR TERMINALS OR OTHER SERVICES WEIGHING LESS THAN OR EQUAL TO 20 LBS. SHALL HAVE ONE (1) #12 GAUGE SLACK SAFETY WIRE ATTACHED FROM THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE.

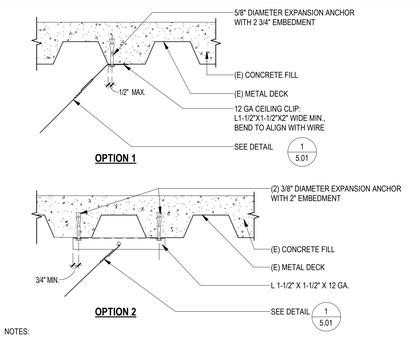
7.03 CEILING-MOUNTED SERVICES WEIGHING MORE THAN 20 LBS BUT LESS THAN OR EQUAL TO 56 LBS SHALL HAVE TWO (2) #12 GAUGE SLACK SAFETY WIRES (AT DIAGONAL CORNERS) CONNECTED FROM THE TERMINAL OR SERVICE TO...

7.04 CEILING-MOUNTED SERVICES WEIGHING MORE THAN 56 LBS. SHALL BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE ABOVE. SEE SUPPORT DETAILS ON THESE DRAWINGS FOR MORE INFORMATION.

8. OTHER DEVICES WITHIN THE CEILING:

8.01 ALL LIGHTWEIGHT MISCELLANEOUS DEVICES, SUCH AS STROBE LIGHTS, OCCUPANCY SENSORS, SPEAKERS, EXIT SIGNS, ETC. SHALL BE ATTACHED TO THE CEILING GRID. IN ADDITION, DEVICES WEIGHING MORE THAN 10 LBS. SHALL HAVE A #12 GAUGE SLACK SAFETY WIRE ANCHORED TO THE STRUCTURE ABOVE. DEVICES WEIGHING MORE THAN 20 LBS. SHALL BE SUPPORTED INDEPENDENTLY FROM THE STRUCTURE ABOVE.

SUSPENDED CEILING PANEL NOTES 15



OPTION 1

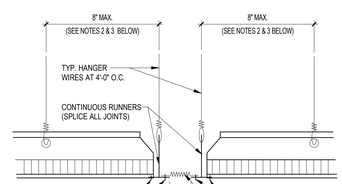
OPTION 2

NOTES:

1. TEST POST INSTALLED ANCHORS IN ACCORDANCE WITH CEILING NOTE 5.02.
2. POST-INSTALLED ANCHORS TO BE PLACED NO MORE THAN 1" OFFSET FROM CENTERLINE OF DECK LOW FLUTE.
3. FOR ADDITIONAL INFORMATION REFER TO 1/5.01

BRACE WIRE - CONC. O/ METAL DECK 6

SCALE: 1 1/2" = 1'-0"



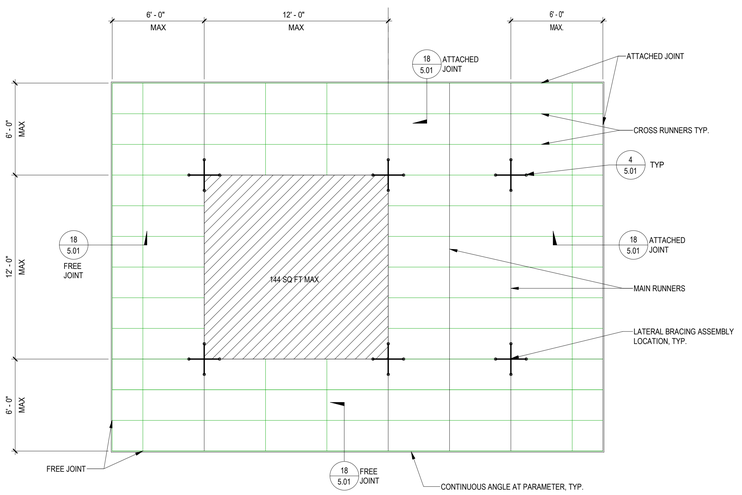
EXPANSION JOINT

NOTES:

1. DETAIL APPLIES TO EXPANSION JOINTS AT THE INTERSECTION OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS AT LOBBIES AND OTHER SIMILAR AREAS.
2. PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (E) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER F THE CEILING AREA.
3. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.

EXPANSION JOINT 2

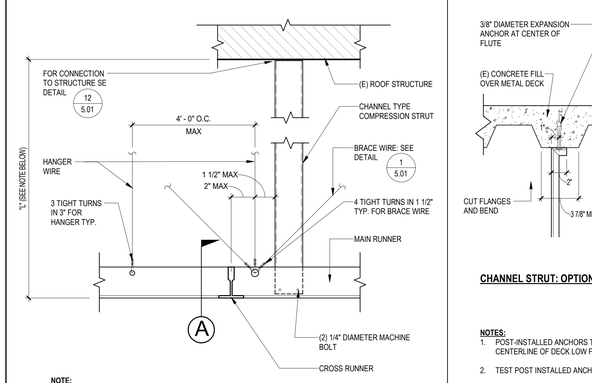
SCALE: N.T.S.



NOTE:
BRACING WIRES AND COMPRESSION STRUT SHALL OCCUR AT EVERY 144 SQ.FT. MAX. IN ROOMS OVER 144 SQ.FT.

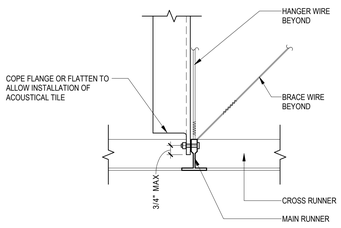
TYPICAL LATERAL BRACING PLAN 14

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



NOTE:

1. DIMENSION "L" SHALL NOT EXCEED THE ALLOWABLE LENGTH GIVEN IN THE TABLE BELOW FOR COMPRESSION STRUT SECTION USED.



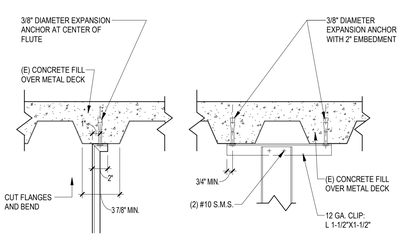
Ⓐ SECTION

COMPRESSION STRUT TABLE

COMPRESSION STRUT CHANNEL SECTION	MAXIMUM LENGTH
250S125-33	5'-10"
250S137-33	6'-10"
362S137-33	8'-0"
250S137-43	8'-10"
400S137-43	10'-10"

TYPICAL COMPRESSION STRUT 16

SCALE: 12" = 1'-0"



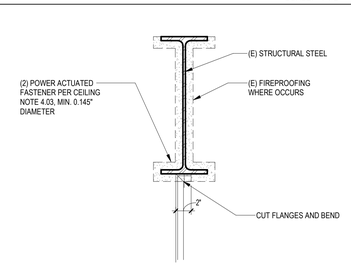
CHANNEL STRUT: OPTION 1 **CHANNEL STRUT: OPTION 2**

NOTES:

1. POST-INSTALLED ANCHORS TO BE PLACED NO MORE THAN 1" OFFSET FROM CENTERLINE OF DECK LOW FLUTE.
2. TEST POST INSTALLED ANCHORS IN ACCORDANCE WITH CBC SECTION 1910A.5

STRUT CONNECTION -(E) CONC./METAL DECK 12

SCALE: 1 1/2" = 1'-0"

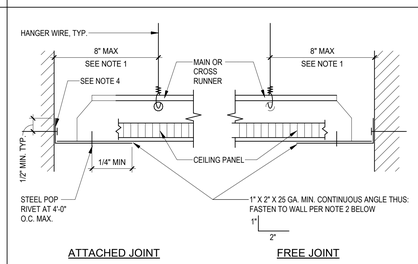


NOTES:

1. STRUCTURAL STEEL MEMBERS SHALL NOT BE LESS THAN 3/16".
2. ARCHITECT, I.O.R., AND CONTRACTOR SHALL VERIFY THT NO POWER ACTUATED FASTENER IS INSTALLED IN THE PROTECTED ZONE OF ANY STEEL MEMBER. SEE AISC 341.

STRUT CONNECTION (E) STRUCT. STEEL 17

SCALE: 1 1/2" = 1'-0"

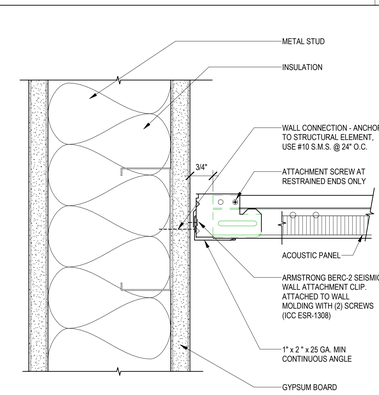


NOTES:

1. PROVIDE #12 GAGE HANGER WIRES AT THE END OF ALL MAIN AND CROSS RUNNERS WITHIN (8) INCHES OF THE SUPPORT OR WITHIN ONE FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.
2. FASTEN ANGLE TO WALL STUD OR BLOCKING AS FOLLOWS:
   A. METAL STUD (20 GA. MIN.) WALL: (1) #10 SMS AT 24" O.C. MAX.

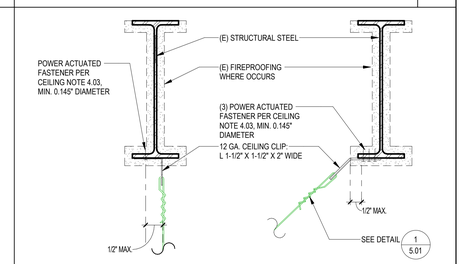
CEILING PERIMETER 18

SCALE: N.T.S.



TYP. CEILING EDGE W/SEISMIC CLIP 19

SCALE: 6" = 1'-0"



HANGER WIRE **BRACE WIRE**

NOTES:

1. BEAM FLANGE THICKNESS SHALL NOT BE LESS THAN 3/16".
2. ARCHITECT, I.O.R., AND CONTRACTOR SHALL VERIFY THT NO PAF IS INSTALLED IN THE PROTECTED ZONE OF ANY STEEL MEMBER. SEE AISC 341.
3. FOR ADDTIONAL INFORMATION REFER TO DETAIL 1/5.01

WIRE CONNECTION TO (E) STRUCT. STEEL 20

SCALE: 1 1/2" = 1'-0"

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-124889 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300

agency

tBP
architecture
planning
interiors

LICENSED ARCHITECT
CHRISTOPHER L. CHENG
No. C31187
EXP. 08/31/2027
STATE OF CALIFORNIA
01/29/2026

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architect

consultant

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15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:28:55 AM

rev:	date:	description:

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CEILING DETAILS

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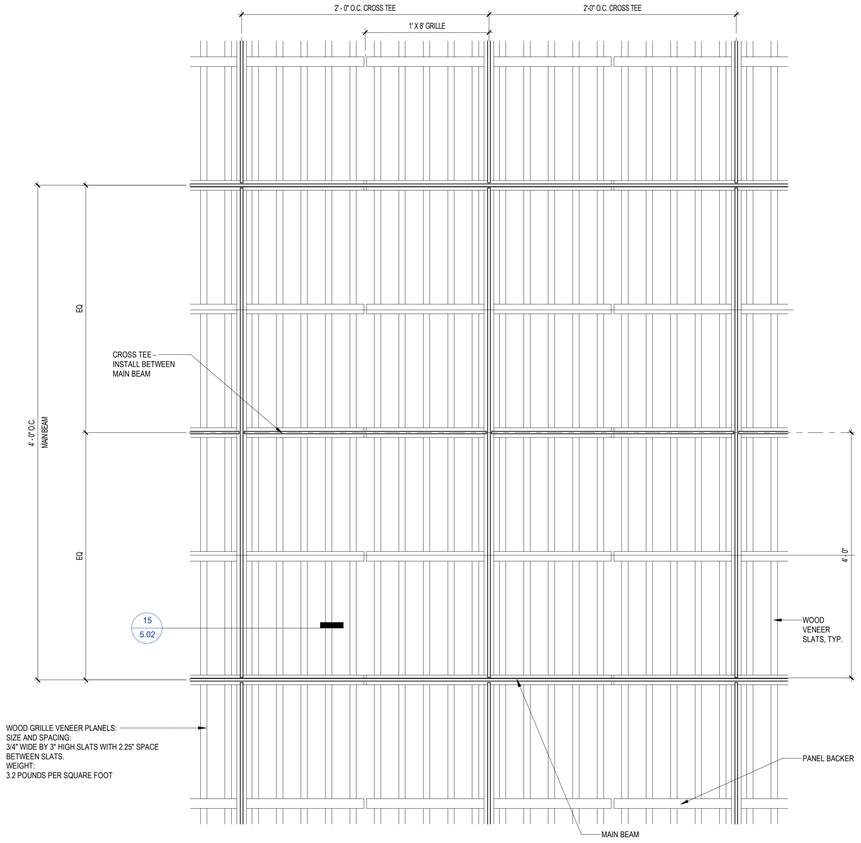
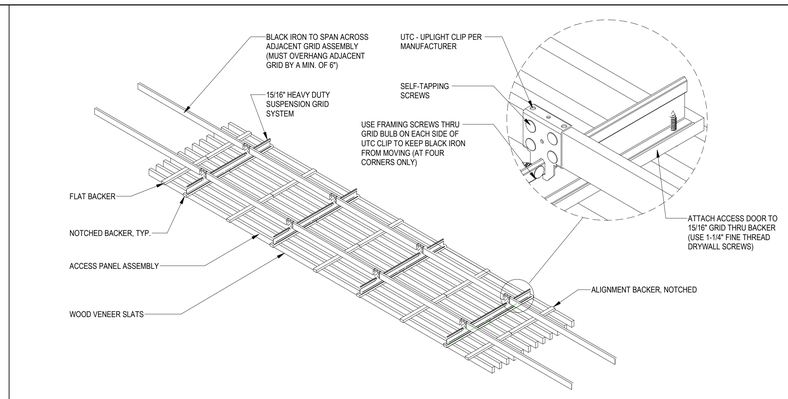
5.01



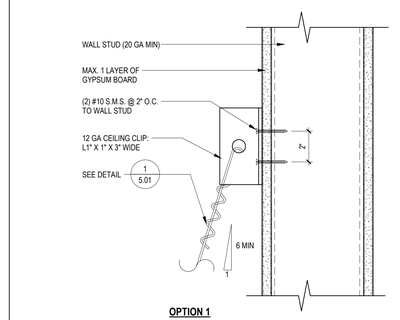
WOOD GRILLE CEILING FRAMING PLAN 7

SCALE: 1" = 1'-0"



WOOD GRILLE CEILING ACCESS PANEL 4

SCALE: 12" = 1'-0"

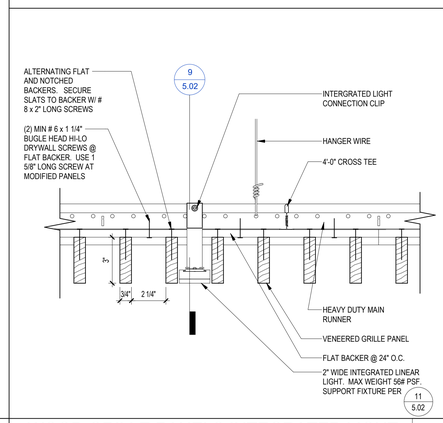


OPTION 1

NOTE:
THIS DETAIL APPLIES AT PERIMETER WIRE ATTACHMENT OR WHERE OBSTRUCTION PREVENTS ATTACHMENT TO THE STRUCTURE ABOVE.

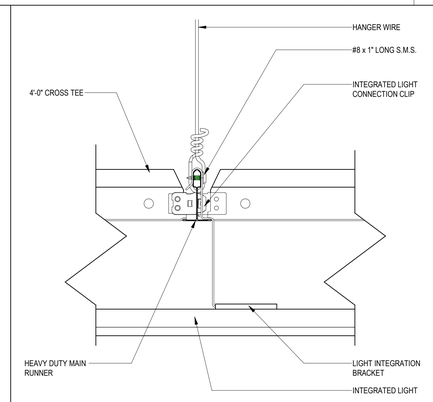
HANGER WIRE CONNECTION TO STUD WALL 5

SCALE: 3" = 1'-0"



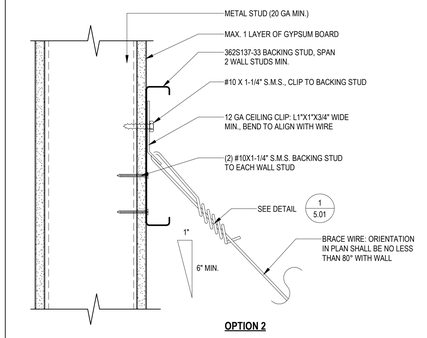
WOOD GRILLE PANELS INTEGRATED LIGHT 8

SCALE: 3" = 1'-0"



SECTION AT CLIP ATTACHMENT 9

SCALE: 6" = 1'-0"



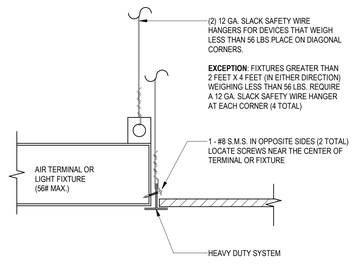
OPTION 2

NOTE:
THIS DETAIL APPLIES AT PERIMETER WIRE ATTACHMENT OR WHERE OBSTRUCTION PREVENTS ATTACHMENT TO THE STRUCTURE ABOVE.

BRACE WIRE CONNECTION TO STUD WALL 10

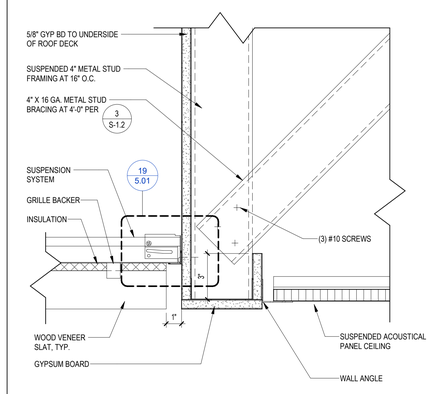
SCALE: 3" = 1'-0"

NOTE:
1. RECESSED FIXTURES SHALL NOT INTERRUPT MAIN RUNNER OF CEILING SUSPENSION SYSTEM.



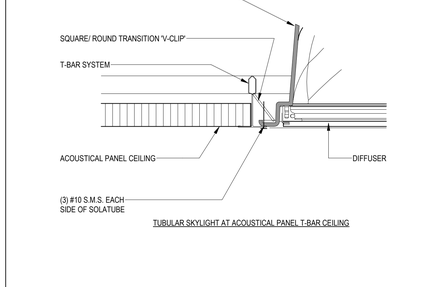
LIGHT FIXT./AIR TERMINAL SUPPORT DETAIL 11

SCALE: 12" = 1'-0"



WOOD GRILLE TO ACOUSTICAL CEILING 13

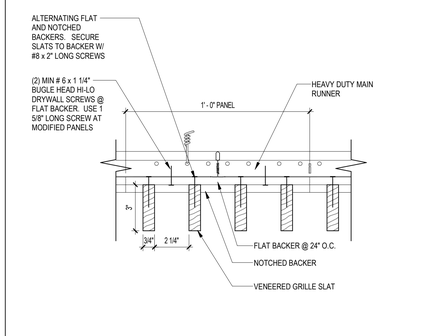
SCALE: 3" = 1'-0"



TUBULAR SKYLIGHT AT ACOUSTICAL PANEL T-BAR CEILING

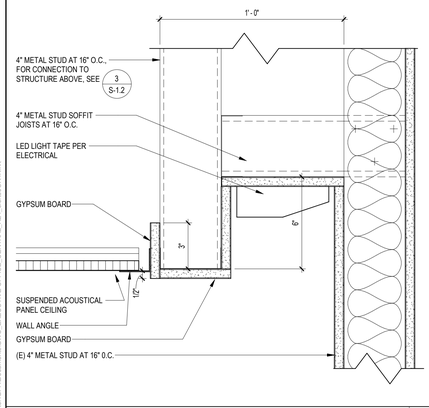
TUBULAR SKYLIGHT - CEILING TRANSITION 14

SCALE: 6" = 1'-0"



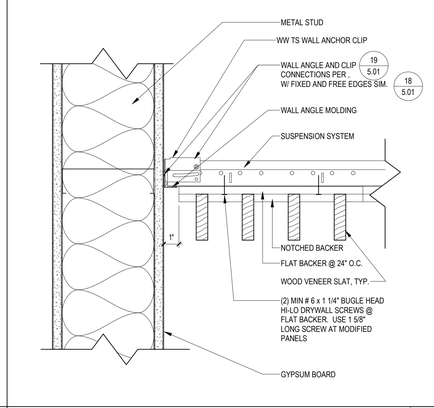
TYP. WOOD GRILLE PANEL SECTION 15

SCALE: 3" = 1'-0"



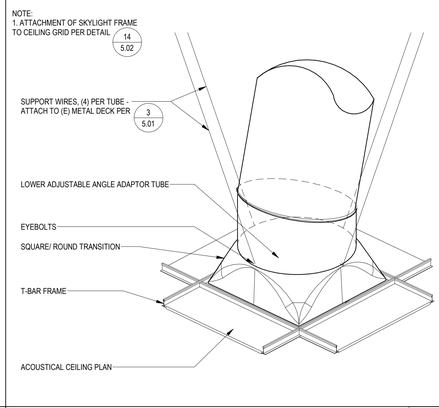
SOFFIT AT ACOUSTICAL PANEL CEILING 16

SCALE: 3" = 1'-0"



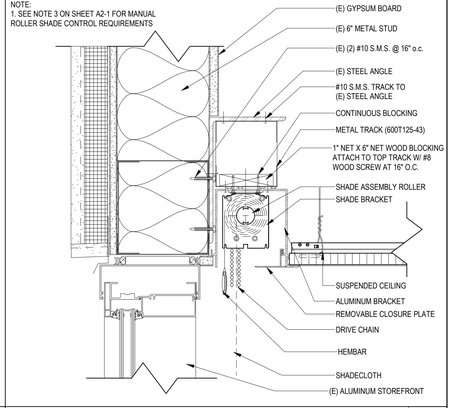
TYP. CEILING EDGE AT WOODGRILLE 18

SCALE: 3" = 1'-0"



TUBULAR SKYLIGHT 19

SCALE: 1 1/2" = 1'-0"



ROLLER SHADE AT (E) STOREFRONT 20

SCALE: 3" = 1'-0"

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DATE: 03/04/2026

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10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

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01/29/2026

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architect

consultant

GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:28:56 AM

rev:	date:	description:

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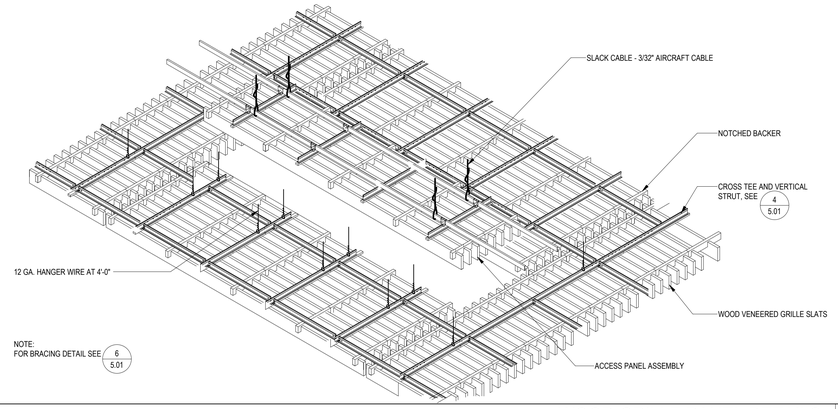
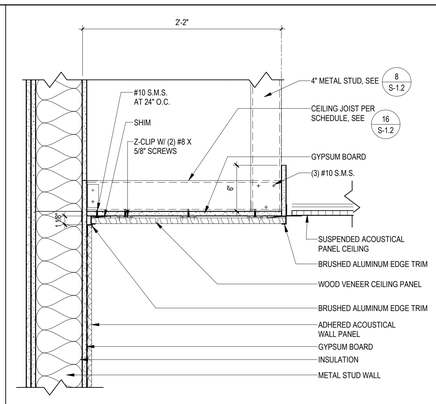
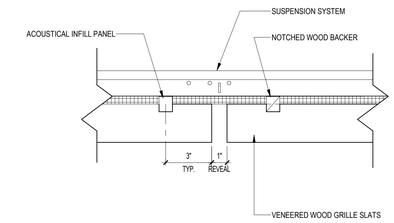


WOOD GRILLE PANEL DETAILS 3
SCALE: N.T.S



05 WOOD PANEL SOFFIT 4
SCALE: 1 1/2" = 1'-0"



TYP. WOOD GRILLE PANEL REVEAL 5
SCALE: 3" = 1'-0"

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agency

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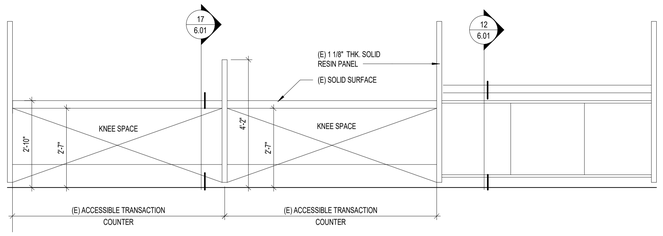
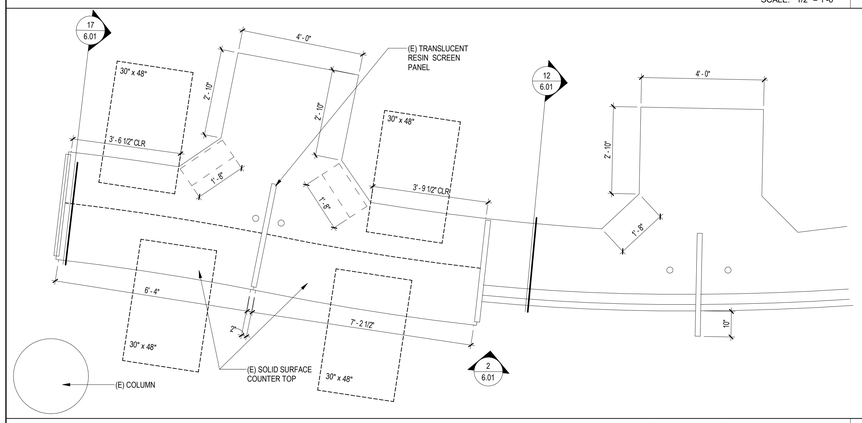


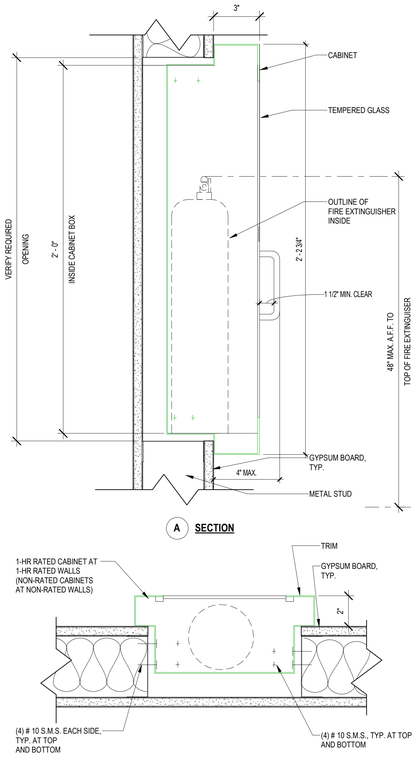
(E) COUNTER ELEVATION 2

SCALE: 1/2" = 1'-0"



(E) COUNTER SECTION 7

SCALE: 1/2" = 1'-0"

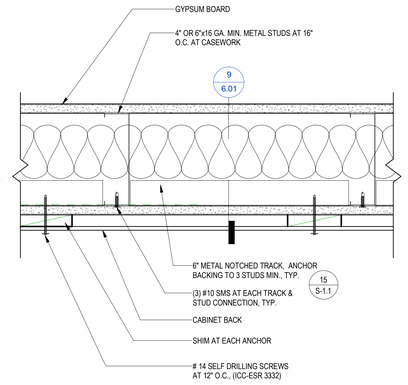


A **SECTION**

B **PLAN VIEW**

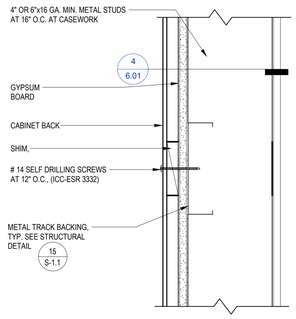
FIRE EXTINGUISHER CABINET 8

SCALE: 3" = 1'-0"



BACKING PLAN AT METAL STUDS 4

SCALE: 3" = 1'-0"



BACKING SECTION AT METAL STUDS 9

SCALE: 3" = 1'-0"

NOTES

CASEWORK

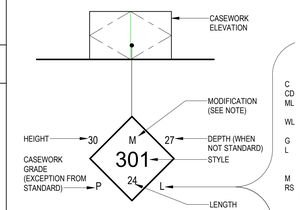
1. SEE NORTH AMERICAN ARCHITECTURAL WOODWORKS STANDARDS AND DETAIL FOR CABINET DESIGN STYLES. ONLY THOSE CABINETS CALLED OUT ON BUILDING INTERIOR ELEVATIONS OR FLOOR PLANS SHALL BE PROVIDED.
2. DOOR SWINGS SHALL BE AS SHOWN ON INTERIOR ELEVATIONS. IF NOT ELEVATED, SWINGS SHALL BE AS SHOWN ON DETAIL SHEET ILLUSTRATIONS.
3. CABINET DIMENSIONS INDICATED ARE NOMINAL OUTSIDE DIMENSIONS, AND SHALL NOT BE EXCEEDED;

   (EXCEPTION - CABINETS ADJACENT TO WALLS MAY BE INCREASED IN LENGTH TO ELIMINATE THE NEED FOR FILLER STRIPS). A 3/4-INCH TOLERANCE IS PERMITTED ON DIMENSIONS OVER 48", FOR 48" AND SMALLER DIMENSIONS, TOLERANCE IS LIMITED TO 1 1/2%. HEIGHT DIMENSIONS OF BASE CABINETS INCLUDES FINISHED TOP.
4. ALIGN SIDE OF CABINET WITH EDGE OF DOOR FRAME WHERE OCCURS.
5. CASEWORK SHOWN ON INTERIOR ELEVATION SHEETS SHALL HAVE ADJUSTABLE SHELVES.
6. OPERABLE PARTS FOR ALL ACCESSIBLE CASEWORK SHALL COMPLY WITH ***CBC SECTION 11B-309***.

COUNTERTOPS AND BACKSPLASHES

1. WHERE BACKSPLASH IS INDICATED, IT SHALL BE 4" HIGH AT NON-SINK AREA AND 6" HIGH OR TO UNDERSIDE OF UPPER CABINETS AT WET AREAS (SEE INTERIOR ELEVATIONS), TOP MOUNTED TYPE, HAVING SQUARE TOP WITH SELF EDGE.

SYMBOLS AND NOTATIONS FOR CABINETS



SYMBOL NOTATIONS

- C - CHALKBOARD ON BACK
- CD - CHALKBOARD ON DOOR
- ML - METAL LEGS TO REPLACE CASTERS
- WL - WOODEN LEGS TO REPLACE CASTERS
- G - GLIDES TO REPLACE CASTERS
- L - LOCKS REQUIRED AT ALL DOORS AND/ OR DRAWERS IN CABINETS
- M - MODIFICATION TO STYLE ONLY
- RS - REVERSE SWING OF DOOR FROM THAT SHOWN ON DETAIL SHEETS
- T - TACK BOARD ON BACK
- TD - TACK BOARD ON DOOR
- X - IN LIEU OF STYLE NO. INDICATES SPECIAL DESIGN NOT ILLUSTRATED ON DETAIL SHEETS
- 7 - SUFFIX ON 100 AND 200 SERIES CONVERT BASE UNITS TO MOVEABLE UNITS

COUNTERTOP NOTATIONS

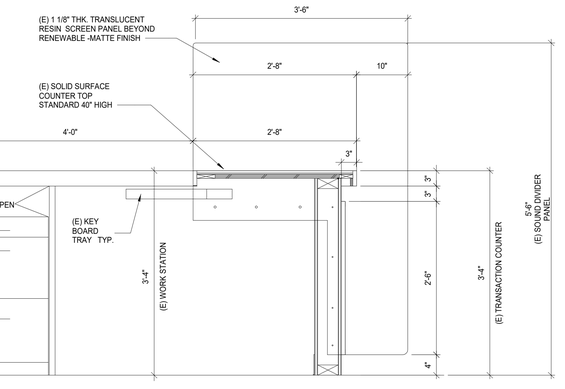
LAM. PLAS.	-	LAMINATED PLASTIC
HD. BD.	-	HARDBOARD
HDWD.	-	HARDWOOD
CST	-	COMPOSITION STONE

CASEWORK GRADES

P	-	PREMIUM
C	-	CUSTOM (TYP. GRADE U.N.O.)
E	-	ECONOMY
LAB	-	LABRATORY

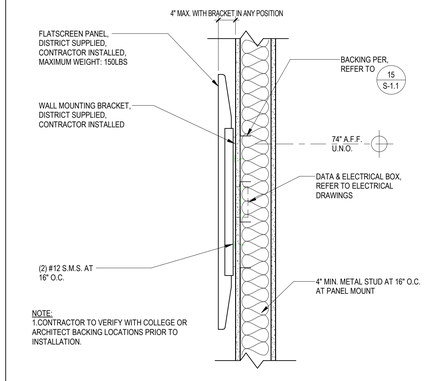
GENERAL NOTES - CASEWORK 10

SCALE: 12" = 1'-0"



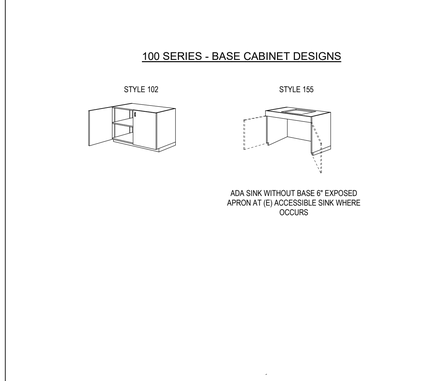
(E) COUNTER SECTION 12

SCALE: 1" = 1'-0"



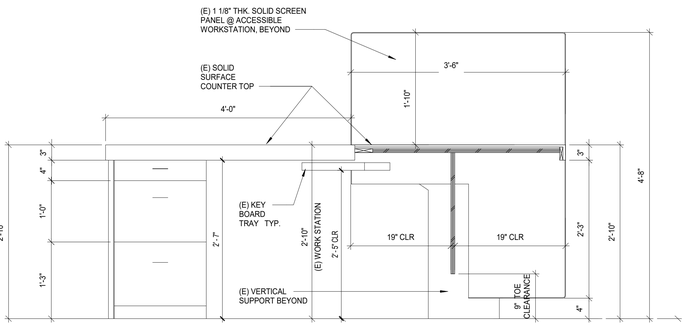
FLATSCREEN PANEL MOUNT DETAIL 14

SCALE: 1 1/2" = 1'-0"



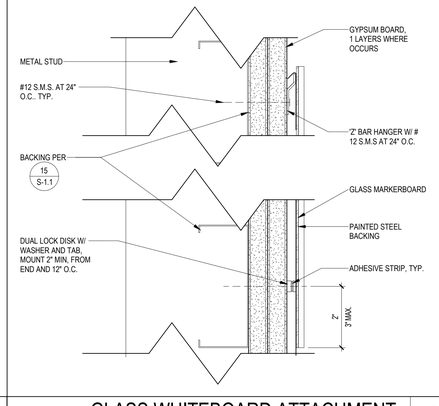
CABINET DESIGNS 15

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



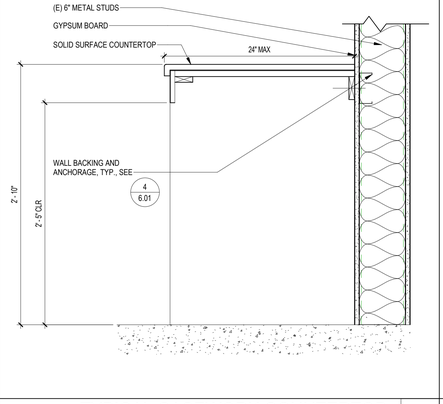
(E) ACCESSIBLE COUNTER SECTION 17

SCALE: 1" = 1'-0"



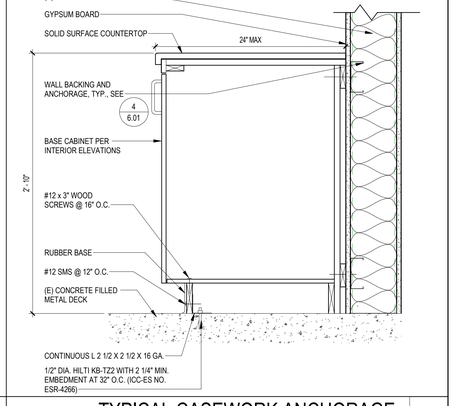
GLASS WHITEBOARD ATTACHMENT 18

SCALE: 6" = 1'-0"



TYPICAL CASEWORK COUNTERTOP 19

SCALE: 1 1/2" = 1'-0"



TYPICAL CASEWORK ANCHORAGE 20

SCALE: 1 1/2" = 1'-0"

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agency

tBP architecture planning interiors

LICENSED ARCHITECT CHRISTINE L. CHENG NO. C31187 RENEWAL 08/31/2027 STATE OF CALIFORNIA

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Coast Community College District- Golden West College

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tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

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TYPICAL CASEWORK DETAILS

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6.01

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DOOR SCHEDULE

*FINAL ROOM NUMBERS AND NAMES FOR SIGNAGE ARE TO BE COORDINATED WITH THE COLLEGE

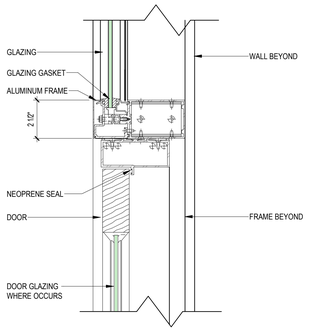
DOOR NO.	(N) OR (E) OPNG	WIDTH	HEIGHT	TYPE	DOOR			FRAME			DETAILS			HARDWARE SET	LOCK DOWN	REMARKS	SIGNAGE		COMMENTS
					MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR	HEAD	JAMB	THRESHOLD				TEXT	DETAIL	
101	(E)	6' - 0"	7' - 0"	AP	ALUM	-	-	ALUM	-	-	-	-	20/8.00	E01	N	PANIC HARDWARE	N/A	N/A	*
102	(E)	6' - 0"	7' - 0"	AP	ALUM	-	-	ALUM	-	-	-	-	20/8.00	E01	N	PANIC HARDWARE	N/A	N/A	
103	(E)	3' - 0"	7' - 0"	C	HM	-	-	HM	-	-	-	-	20/8.00	E02	N	PANIC HARDWARE	STAIR#3 / EXIT	9/11.01	
108	(E)	6' - 0"	7' - 0"	AP	ALUM.	-	-	ALUM	-	-	-	-	20/8.00	E01	N	PANIC HARDWARE	STUDENT SERVICES	9/11.01	
109	(E)	6' - 0"	7' - 0"	AP	ALUM	-	-	ALUM	-	-	-	-	20/8.00	E01	N	PANIC HARDWARE	STUDENT SERVICES	9/11.01	
200	(E)	6' - 0"	7' - 0"	AP	ALUM	-	-	ALUM	-	-	-	-	20/8.00	E11	N	PANIC HARDWARE	STUDENT SERVICES / EXIT	9/11.01	ADD PUSHPAD ARMOR "PA"
201	(N)	3' - 0"	7' - 0"	B	SCWV	F	WD-1	ALUM	F	AC-1	7/8.00	12/8.00	19/8.00	03	Y		PRESIDENT	15/11.01	
202	(N)	3' - 0"	7' - 0"	B	SCWV	F	WD-1	ALUM	F	AC-1	7/8.00	12/8.00	19/8.00	03	Y		V.P.A.S.	15/11.01	
203	(N)	3' - 0"	7' - 0"	B	SCWV	F	WD-1	ALUM	F	AC-1	7/8.00	12/8.00	19/8.00	03	Y		V.P.S.S.	15/11.01	
204	(N)	3' - 0"	7' - 0"	B	SCWV	F	WD-1	ALUM	F	AC-1	7/8.00	12/8.00	19/8.00	03	Y		V.P.I.	15/11.01	
205	(N)	3' - 0"	7' - 0"	C	SCWV	F	WD-1	ALUM	F	AC-1	6/8.00	14/8.00 / 15/8.00	19/8.00	01	Y	PANIC HARDWARE	N/A	9/11.01	
206	(N)	3' - 0"	7' - 0"	B	SCWV	F	WD-1	ALUM	F	AC-1	6/8.00	14/8.00 / 15/8.00	N/A	05	N		OFFICE	9/11.01	
207	(N)	3' - 0"	7' - 0"	B	SCWV	F	WD-1	ALUM	F	AC-1	6/8.00	14/8.00 / 15/8.00	N/A	06	Y		WORK ROOM	9/11.01	
208	(N)	3' - 0"	7' - 0"	B	SCWV	F	WD-1	ALUM	F	AC-1	6/8.00	15/8.00 / 16/8.00	19/8.00	02	N	PANIC HARDWARE	CORRIDOR / EXIT	9/11.01	
209A	(N)	3' - 0"	7' - 0"	B	SCWV	F	WD-1	ALUM	F	AC-1	7/8.00	12/8.00 / 13/8.00	19/8.00	07	Y		CONFERENCE ROOM	9/11.01	
209B	(N)	3' - 0"	7' - 0"	B	SCWV	F	WD-1	ALUM	F	AC-1	7/8.00	14/8.00 / 15/8.00	19/8.00	07	Y		CONFERENCE ROOM	9/11.01	
210	(N)	3' - 0"	7' - 0"	B	SCWV	F	WD-1	ALUM	F	AC-1	7/8.00	12/8.00	19/8.00	05	Y		FOUNDATION DIRECTOR	15/11.01	
1080	(E)	3' - 0"	7' - 0"	C	SCP	-	-	HM	-	-	-	-	17/8.00	E13	N		STAIR #2	9/11.01	
2002	(E)	6' - 0"	8' - 6"	DP	HM	-	-	HM	-	-	-	-	19/8.00	E38	N	ON MAGNETIC HOLDERS, PANIC HARDWARE		N/A	ADD PUSHPAD ARMOR "PA"
2040	(E)	6' - 0"	8' - 6"	DP	HM	-	-	HM	-	-	-	-	N/A	E34	N	ON MAGNETIC HOLDERS, PANIC HARDWARE	9/11.01		ADD PUSHPAD ARMOR "PA"
2041	(E)	3' - 0"	7' - 0"	D	SCP	-	-	HM	-	-	-	-	18/8.00	E09	N		RESTROOM WOMEN	14/11.01	REPLACE THUMBTURN PER 11/8.00
2042	(E)	3' - 0"	7' - 0"	D	SCP	-	-	HM	-	-	-	-	18/8.00	E09	N		RESTROOM MEN	14/11.01	REPLACE THUMBTURN PER 11/8.00
2080	(E)	3' - 0"	7' - 0"	C	SCP	-	-	HM	-	-	-	-	N/A	E14	N	PANIC HARDWARE	EXIT STAIR DOWN	18,20/11.01	

NOTES

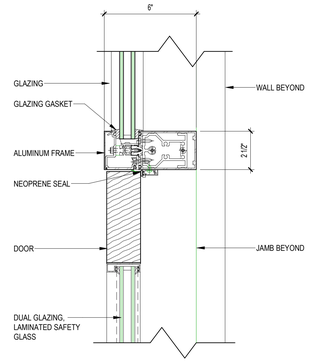
1. DOORS SHALL BE 1-3/4" THICK UNLESS NOTED OTHERWISE.
2. SEE LEGEND ON SHEET 8.50 FOR GLASS TYPES. GLASS IN DOORS SHALL BE TEMPERED OR LAMINATED SAFETY GLASS.
3. FIRE DOOR LABELS SHALL COMPLY WITH CBC SECTION 715.4.6.
4. FIRE ASSEMBLIES REQUIRED TO HAVE A ONE-HOUR FIRE-PROTECTION RATING SHALL BE EITHER AUTOMATIC OR SELF-CLOSING FIRE ASSEMBLIES TO BE ACTIVATED BY AN INCREASE IN TEMPERATURE SHALL HAVE HEAT-ACTIVATING DEVICES INSTALLED ON EACH SIDE OF THE WALL AT THE CEILING HEIGHT WHERE THE CEILING IS MORE THAN 3 FEET ABOVE THE TOP OF THE OPENING OR BY A SINGLE FUSSIBLE LINK IN THE OPENING INCORPORATED IN THE CLOSING DEVICE..
5. FIRE-RESISTIVE ASSEMBLIES FOR PROTECTED OPENING SHOULD COMPLY WITH CBC SECTION 713.
6. SEE SPECIFICATION SECTION 08 71 00 FOR DOOR HARDWARE INDEX AND DOOR HARDWARE SETS.

ABBREVIATIONS

ALUM	ALUMINUM
F	FACTORY FINISH
GL	GLASS
PSG	PAINT SEMI GLOSS
SCWV	SOLID CORE WOOD VENEER



STOREFRONT - DOOR HEAD 6
SCALE: 3" = 1'-0"



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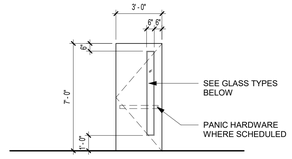
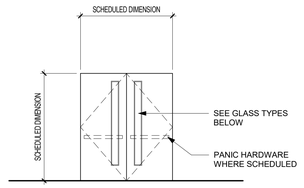


DOOR TYPE B

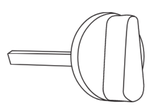


DOOR TYPE C

DOOR TYPES 9
SCALE: 1/4" = 1'-0"

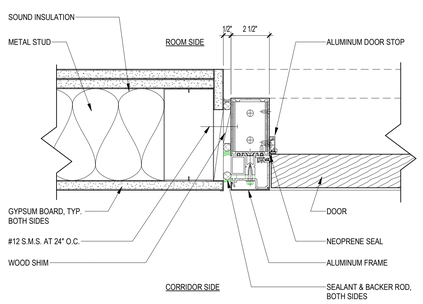
GLASS TYPES:

G-1 SINGLE GLAZED LAMINATED SAFETY GLASS TYP
G-2 DUAL GLAZED LAMINATED SAFETY GLASS AT DOORS 201, 202, 203, 204 AND 210 ONLY

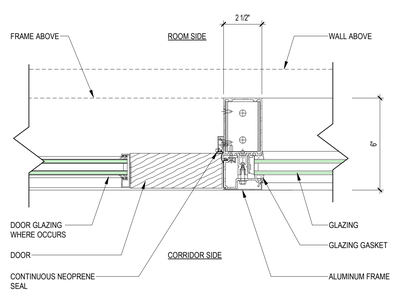


Optional Thumbturn
Large profile and offset center thumbturn makes it easier to grasp and rotate. To order with lock, specify Quick Code M34. To order separately, see table.

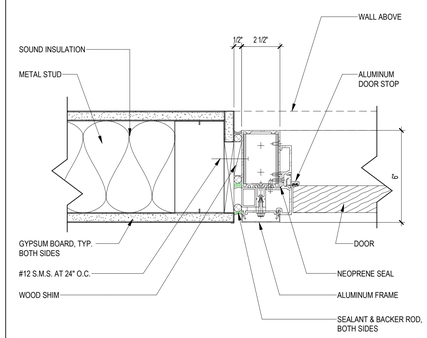
THUMBTURN 11



TYP. JAMB AT ACOUSTICAL WALL
SCALE: 3" = 1'-0" 12



DOOR JAMB 13
SCALE: 3" = 1'-0"



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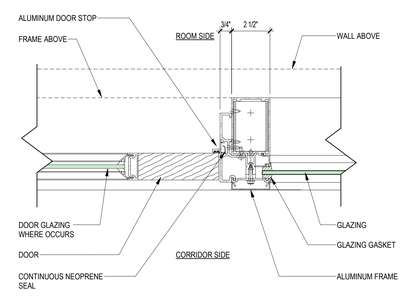

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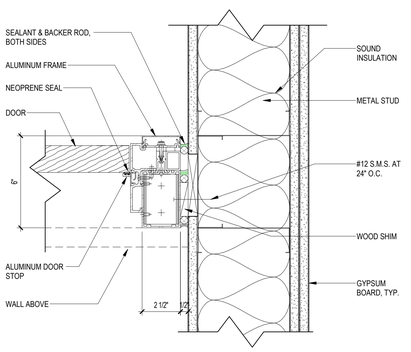

DOOR JAMB 16
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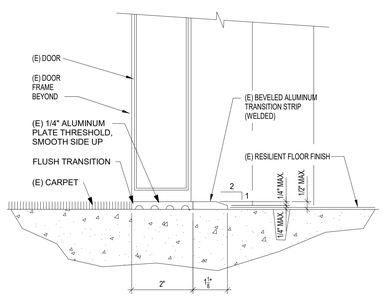
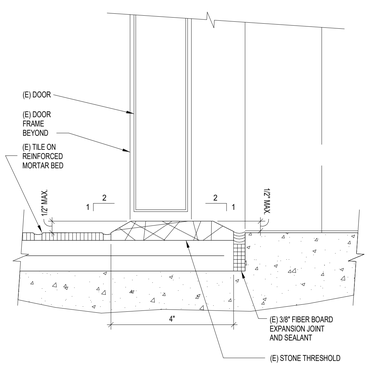
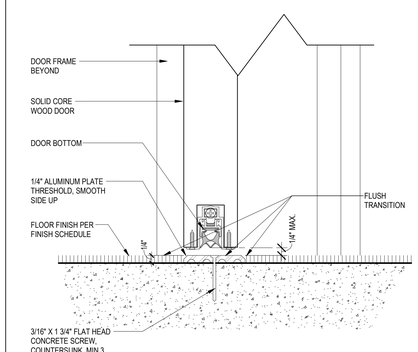


(E) THRESHOLD AT INTERIOR DOOR
SCALE: 6" = 1'-0" 17



(E) THRESHOLD AT TILE FLOOR
SCALE: 6" = 1'-0" 18



TYP. THRESHOLD AT INTERIOR DOOR
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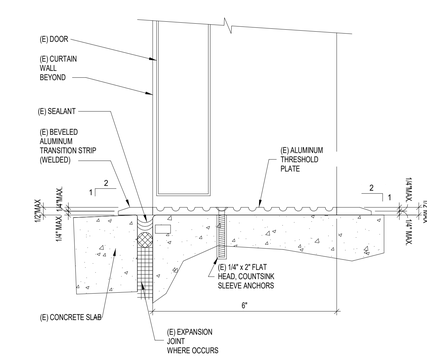

(E) THRESHOLD AT EXTERIOR DOOR
SCALE: 6" = 1'-0" 20

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DATE: 03/04/2026

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10920 VIA FRONTERA, SUITE 300

agency

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RENEWAL 4-30-27
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01/29/2026

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architect

consultant

GOLDEN WEST COLLEGE - Student Services Center EXECUTIVE OFFICE

15744 Goldenwest Street
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Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00
file name:
drawn by: B.C. checked by: C.F.
date: 11.03.2025 2/25/2026 11:28:58 AM

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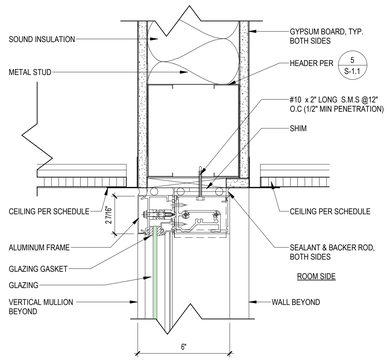

TYP. HEAD AT SUSPENDED CEILING 1
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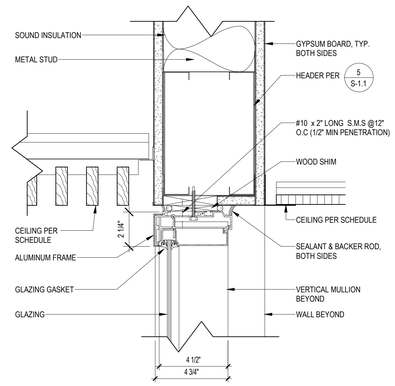

HEAD AT CEILING 2
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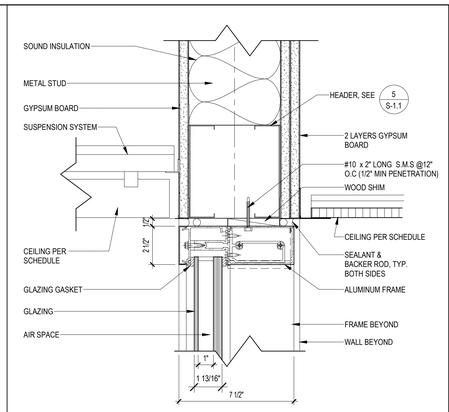

HEAD AT CLERESTROY 3
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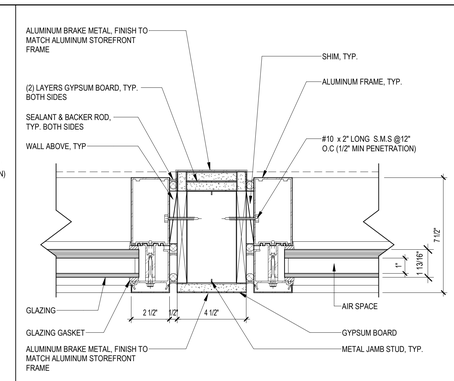

JAMB AT CLERESTORY 4
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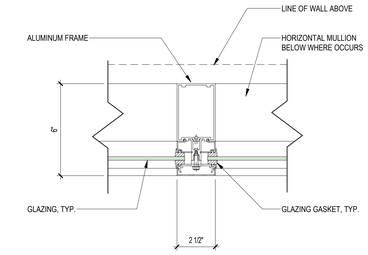

TYP. VERTICAL MULLION 5
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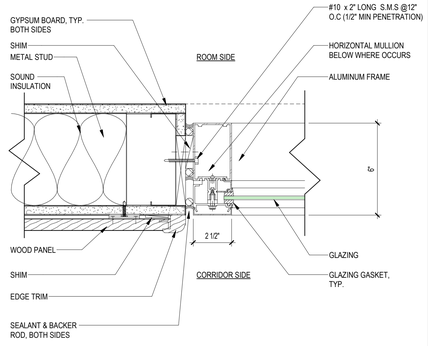

STOREFRONT JAMB AT WOOD PANEL 6
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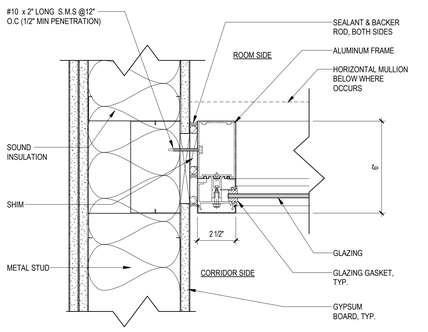

STOREFRONT JAMB 7
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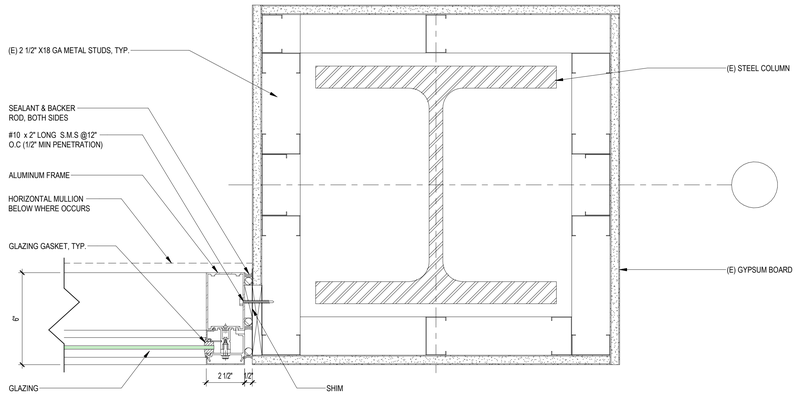

JAMB AT (E) FURRED COLUMN 9
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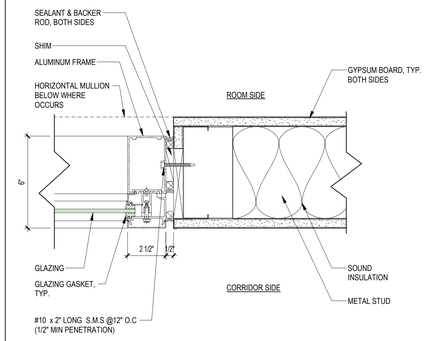

JAMB AT WALL TYPE B-6 10
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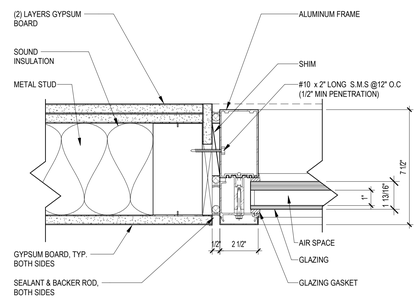

TYP. JAMB AT WALL TYPE C-6 11
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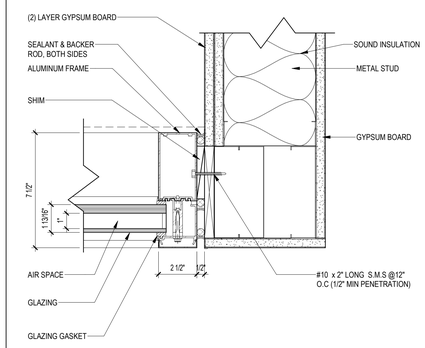

INTERIOR JAMB AT CORNER 13
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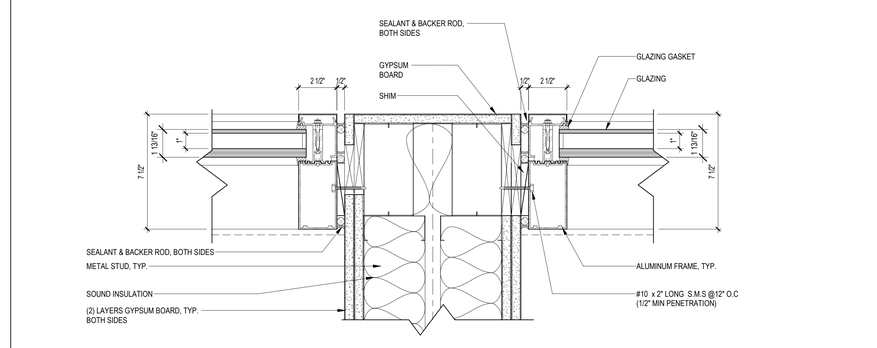

JAMB AT CLERESTROY 15
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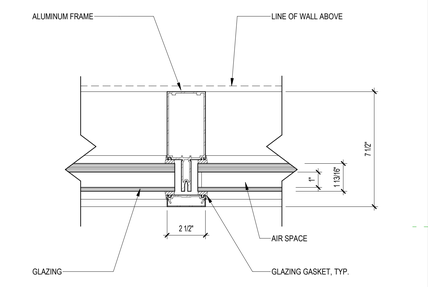

VERTICAL MULLION AT CLERESTORY 16
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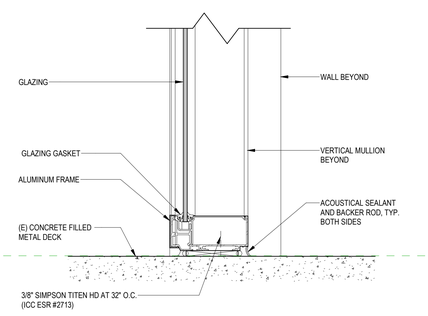

SILL AT AL-8 17
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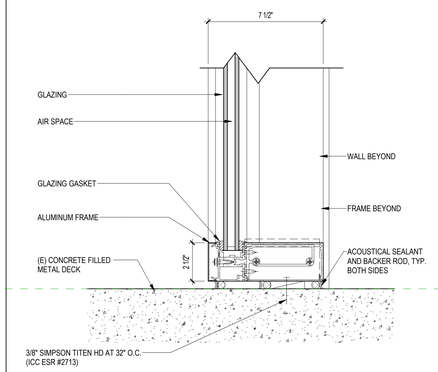

SILL AT (E) CONCRETE FLOOR 18
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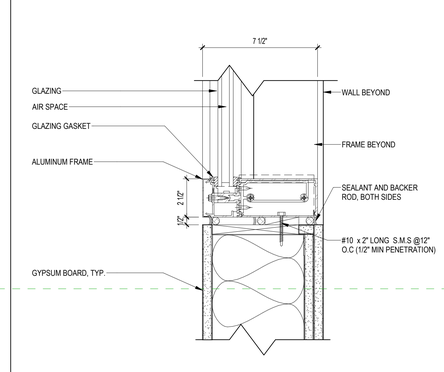

SILL AT WALL TYPE C-6 19
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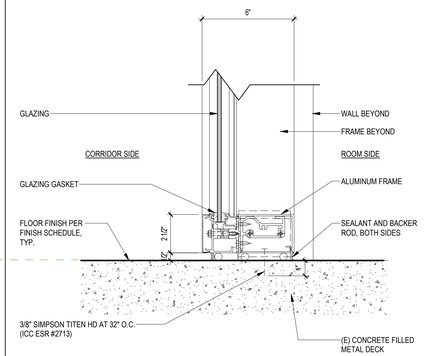

SILL AT (E) CONCRETE FLOOR 20
SCALE: 3" = 1'-0"

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10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

LICENSED ARCHITECT
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01/29/2026

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GOLDEN WEST COLLEGE -
Student Services Center
EXECUTIVE OFFICE
15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:28:59 AM

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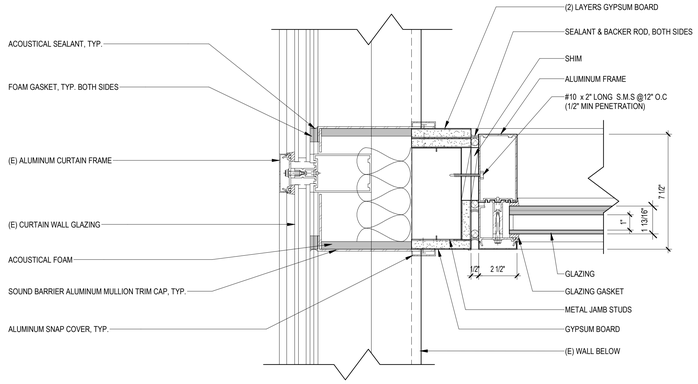

CLERESTORY JAMB AT (E) CURTAIN WALL 4
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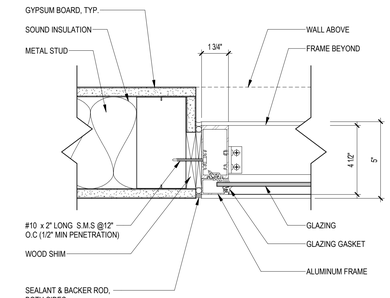

STOREFRONT JAMB AT AL-8 5
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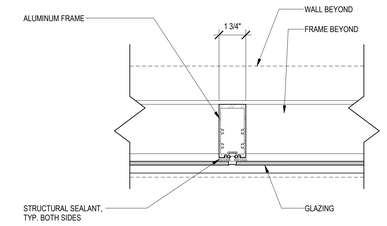

VERTICAL MULLION AT AL-8 10
SCALE: 3" = 1'-0"

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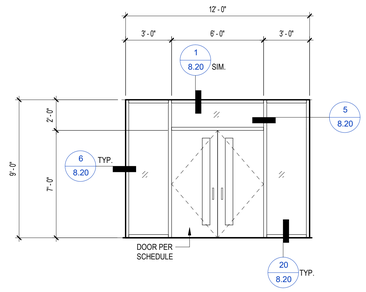

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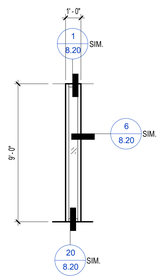
	FRAME FIN.	F
	FRAME COLOR	AC-1



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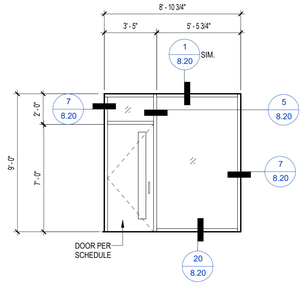
	FRAME COLOR	AC-1



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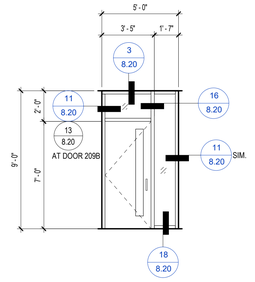
	FRAME FIN.	F
	FRAME COLOR	AC-1



AL-4	GLAZING TYPE	G-2
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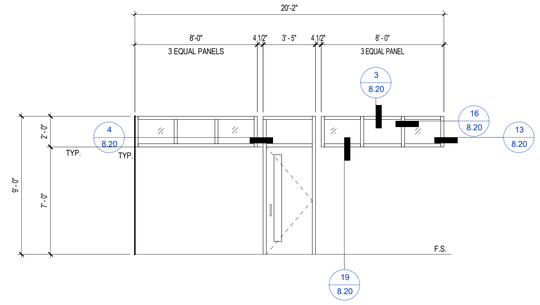
	FRAME FIN.	F
	FRAME COLOR	AC-1



AL-5	GLAZING TYPE	G-2
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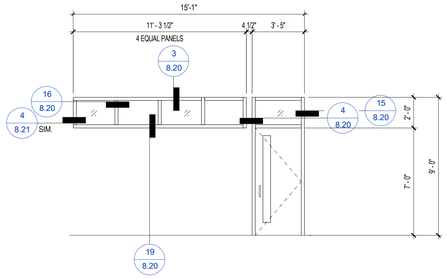
	FRAME FIN.	F
	FRAME COLOR	AC-1



AL-6	GLAZING TYPE	G-2
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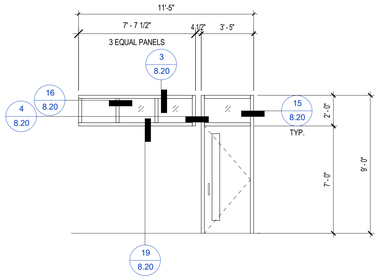
	FRAME FIN.	F
	FRAME COLOR	AC-1



AL-7	GLAZING TYPE	G-2
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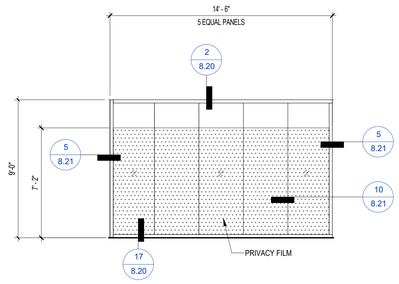
	FRAME FIN.	F
	FRAME COLOR	AC-1



AL-8	GLAZING TYPE	G-1
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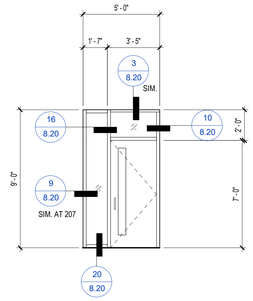
	FRAME FIN.	F
	FRAME COLOR	AC-1



AL-9	GLAZING TYPE	G-1
	FRAME MATL.	ALUM
	FRAME FIN.	F
	FRAME COLOR	AC-1

NOTES

1. SEE DOOR SCHEDULE FOR DOOR TYPES.
2. FOR WINDOW DETAILS SEE SHEET 8.20.

GLAZING TYPES

G-1 SINGLE GLAZED CLEAR VISION PANELS

G-2 DUAL GLAZED CLEAR VISION PANELS

NOTES:
1. PROVIDE TEMPERED SAFETY GLASS AS NOTED ON WINDOW TYPES.
2. FOR ADDITIONAL INFORMATION REFER TO SPECIFICATIONS.

GLAZING SCHEDULE

G-1 CLEAR, HEAT TREATED GLASS, FULLY TEMPERED, 1/4" THICK

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tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:29:00 AM

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INTERIOR WINDOW SCHEDULE

drawing no.:
8.50

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2ND FLR ROOM FINISH SCHEDULE

SPACE		FLOOR				BASE				WALLS				CEILINGS					
NUMBER	NAME	MATERIAL	TYPE	FINISH	COLOR	MATERIAL	HEIGHT	FINISH	COLOR	MATERIAL	TYPE	FINISH	COLOR	MATERIAL	TYPE	FINISH	COLOR	HEIGHT	REMARKS
2ND FLR																			
201	PRESIDENT	CARPET		F	CPT-1	RUBBER BASE	4"	F	RB-1	GYP. BD./ ACOUSTICAL WALL PANEL		PE/F	PT-1/ AWP-2	ACT	24"x24"		ACT-1	9'-0"	
202	V.P.A.S.	CARPET		F	CPT-1	RUBBER BASE	4"	F	RB-1	GYP. BD.		PE	PT-2	ACT	24"x24"		ACT-1	9'-0"	
203	V.P.S.S.	CARPET		F	CPT-1	RUBBER BASE	4"	F	RB-1	GYP. BD.		PE	PT-2	ACT	24"x24"		ACT-1	9'-0"	
204	V.P.I.	CARPET		F	CPT-1	RUBBER BASE	4"	F	RB-1	GYP. BD.		PE	PT-2	ACT	24"x24"		ACT-1	9'-0"	
205	WAITING	CARPET		F	CPT-2 & CPT-3	RUBBER BASE	4"	F	RB-1	PRIVACY FILM/ WALL PANEL		F	PF-1/WP-1	ACT	12"x48"		ACT-2	9'-0"	
206	OFFICE	CARPET		F	CPT-1	RUBBER BASE	4"	F	RB-1	GPY. BD.		PE	PT-1	ACT	24"x24"		ACT-1	9'-0"	
207	WORK ROOM	CARPET		F	CPT-1	RUBBER BASE	4"	F	RB-1	GYP. BD./ WALL PANEL		PE/F	PT-2/ APW-1 / VWG-1	ACT	24"x24"		ACT-1	9'-0"	
208	CORRIDOR	CARPET		F	CPT-1	RUBBER BASE	4"	F	RB-1	GYP. BD.		PE	PT-1	ACT	24"x24"		ACT-1	9'-0"	
209	CONFERENCE	CARPET		F	CPT-1, CPT-2 & CPT-3	RUBBER BASE	4"	F	RB-1	GYP. BD./ ACOUSTICAL WALL PANEL		PE/F	PT-2/ AWP-2	ACT	24"x24" & 12"x48"		ACT-1 & ACT-2	9'-0"	
210	FOUNDATION DIRECTOR	CARPET		F	CPT-1	RUBBER BASE	4"	F	RB-1	GYP. BD./ ACOUSTICAL WALL PANEL		PE/F	PT-1/ AWP-2	ACT	24"x24"		ACT-1	9'-0"	
211	OPEN OFFICE	CARPET		F	CPT-1	RUBBER BASE	4"	F	RB-1	GPY. BD.		PE	PT-1	ACT	24"x24' & 12"x48"		ACT-1 & ACT-2	9'-0"	

SPEC SECTION	MATERIAL	DESIGNATION	MANUFACTURER	COLOR NO.	COLOR NAME	REMARKS
06 20 00 FINISH CARPENTRY	LAMINATE PLASTIC	LP-1	WILSON ART	7996-38	-	-
08 1416 WOOD DOORS	SOLID CORE WOOD DOORS	WD-1	EGGERS INDUSTRIES	WHITE MAPLE	04-NUTMEG	PLAIN-SLICED
08 43 13 ALUMINUM-FRAMED STOREFRONTS	ALUMINUM	AL-1	KAWNEER COMPANY, INC.	#14	CLEAR ANODIZED	-
08 80 00 GLAZING	GLAZING	GL-1	GUARDIAN GLASS	-	-	-
	GLAZING	GL-2	GUARDIAN GLASS	-	-	-
	PRIVACY FILM	PF-1	3M	-	WHITE	FASARA GLASS FINISHES GRADATION
09 54 26 SUSPENDED WOOD CEILINGS	WOOD VENEER GRILLE PANELS	ACT-2	ARMSTRONG WORLD INDUSTRIES, INC.	-	QUARTERED WALNUT (NQW)	WOODWORKS GRILLE - FORTE VENEERED CEILING PANELS
	VENEERED WALL PANELS	WP-1	ARMSTRONG WORLD INDUSTRIES, INC.	-	QUARTERED WALNUT (NQW)	WOODWORKS VENEERED WALL PANELS
09 51 00 ACOUSTICAL CEILING	ACOUSTICAL CEILING PANELS	ACT-1	ARMSTRONG WORLD INDUSTRIES, INC.	-	WHITE	ULTIMA, SQUARE LAY-IN
09 65 00 RESILIENT FLOORING	RUBBER BASE	ACT-1	JOHNSONITE	TA4	GATEWAY	4" WALL BASE
09 68 16 TILE CARPETING	CARPET TILE	CPT-1	INTERFACE - URBAN RETREAT COLLECTION	102996	STONE	FIELD
	CARPET TILE	CPT-2	INTERFACE - URBAN RETREAT COLLECTION	103506	STONE/IVY	ACCENT
	CARPET TILE	CPT-3	INTERFACE - URBAN RETREAT COLLECTION	100639	IVY	ACCENT
09 72 00 VINYL WALL COVERINGS	VINYL WALL COVERING	VWC-1	KORSEAL TYPE 2			CUSTOM GRAPHICS
09 84 30 SOUND-ABSORBING WALL & CLG UNITS	ACOUSTICAL WALL PANEL	AWP-1	ACOUFELT - QUIETFORM, RIBBED A	KA12	KALE	-
	ACOUSTICAL WALL PANEL	AWP-2	ACOUFELT - BEVELED	IV11	IVORY	-
09 91 23 INTERIOR PAINTING	PAINT	P-1	BENJAMIN MOORE	OC-45	SWISS COFFEE	FIELD COLOR
	PAINT	P-2	BENJAMIN MOORE	AC-34	CAPE HATTERAS SAND	ACCENT COLOR
10 11 00 MARKERBOARD	GLASS WHITEBOARD	MB-1	CLARIDGE	-	CALM WHITE	
10 14 19 SIGNS	METAL LETTER SIGNAGE	S-1	-	-	1- BRASS-BRUSHED	CUSTOM FABRICATED LETTERS
	ALUMINUM LETTER	-				

ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE
ACP	ACOUSTICAL PANEL CEILING
AL	ALUMINUM
AWP	ACOUSTICAL WALL PANEL
CPT	CARPET TILE
F	FACTORY FINISH
GL	GLAZING
GYP. BD	GYPSUM BOARD
LP	LAMINATE PLASTIC
MB	MARKERBOARD
P	PAINT
PE	PAINT EGGSHELL
PF	PRIVACY FILM
RB	RUBBER BASE
S	METAL LETTER SIGNAGE
VWC	VINYL WALL COVERING
WP	WALL PANEL

NOTES

1. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM 84 OR UL 723. SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME AND SMOKE-DEVELOPED INDEXES, REFER TO 803.1.1 (SEE EXCEPTION 803.1.2) AND CFC 803.1.
2. INTERIOR WALL AND CEILING FINISHES SHALL BE CLASSIFIED FOR FIRE PERFORMANCE AND SMOKE DEVELOPMENT PER SECTION 803.
3. INTERIOR WALLS AND CEILING FINISHES SHALL BE CLASSIFIED BY OCCUPANCY PER TABLE 803.9 OR BE TESTED PER SECTION 803.1.2 (NFPA 286 CRITERIA).
4.
5. TEXTILE AND VINYL WALL COVERINGS SHALL BE TESTED PER 803.1.3 ACCEPTANCE CRITERIA OF NFPA 265, OR, PER 803.1.4 ACCEPTANCE CRITERIA TESTED TO ASTM E84 OR UL 723 CLASS A FLAME SPREAD INDEX AND PROTECTED BY AN AUTOMATIC FIRE SPRINKLER SYSTEM PER SECTION 903.

   EXCEPTION: 803.2 MATERIALS LESS THAN 0.036" THICK APPLIED DIRECTLY NEED NOT BE TESTED.
6. INTERIOR FLOOR FINISHES SHALL COMPLY WITH SECTION 804.
7. DECORATIVE TRIM & MATERIALS SHALL COMPLY WITH SECTION 806.
8. THERMAL AND ACOUSTICAL INSULATION SHALL COMPLY WITH SECTION 719.
9. CALIFORNIA REQUIRES ALL FABRIC USED IN PUBLIC PLACES TO BE REGISTERED WITH THE STATE FIRE MARSHAL AND COMPLY WITH TITLE 19 REQUIREMENTS OF THE CALIFORNIA CODE OF REGULATIONS.
10. SEE SHEET 9.02 FOR CARPET PATTERNS.

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Coast Community College District- Golden West College

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file name:

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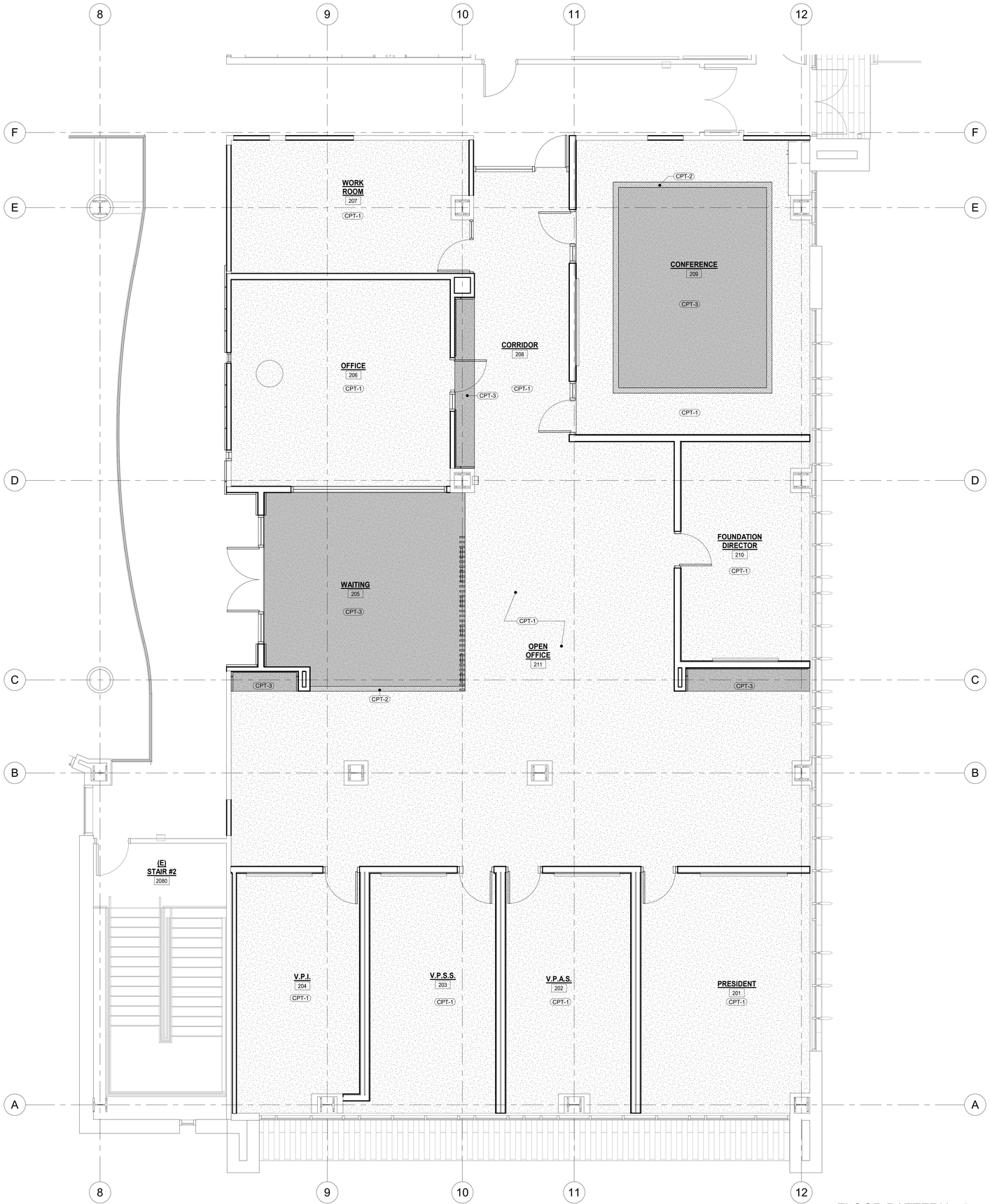

FLOOR PATTERN
SCALE : 1/4" = 1'-0"

1

FLOOR PATTERN LEGEND

CPT-1 CARPET TILE
MANUFACTURER : INTERFACE
PRODUCT: URBAN RETREATE COLLECTION
COLOR : 102996 STONE
REMARKS : FIELD

CPT-2 CARPET TILE
MANUFACTURER : INTERFACE
PRODUCT: URBAN RETREATE COLLECTION
COLOR : 103506 STONE/IVY
REMARKS : ACCENT

CPT-3 CARPET TILE
MANUFACTURER : INTERFACE
PRODUCT: URBAN RETREATE COLLECTION
COLOR : COLOR 100639 IVY
REMARKS : ACCENT

FLOOR NOTES

1. ALL FLOOR FINISHES SHALL BE STABLE, FIRM , AND SLIP RESISTANT.

2. ALL FLOOR FINISHES SHALL EXTEND BELOW ACCESSIBLE WORKSTATIONS, SINKS, ETC FOR THE REQUIRED TOE/KNEE CLEARANCE

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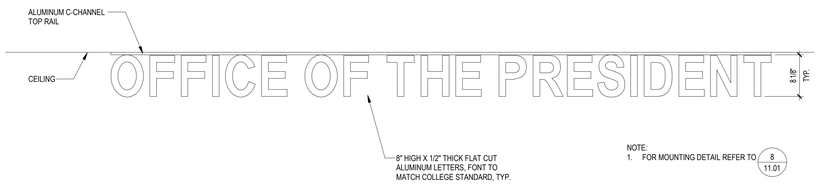
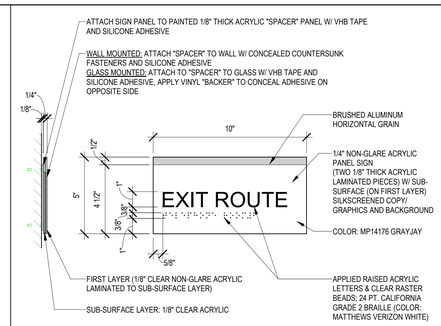


DEPARTMENT SIGNAGE 2
SCALE: 1" = 1'-0"

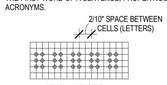


SECTION: ELEVATION

NOTES:
1. FOR ADDITIONAL INFORMATION REFER TO 14 11.01
2. FONT: FRUTIGER 55 ROMAN.

TACTILIE EXIT ROUTE SIGNAGE 4
SCALE: 3" = 1'-0"

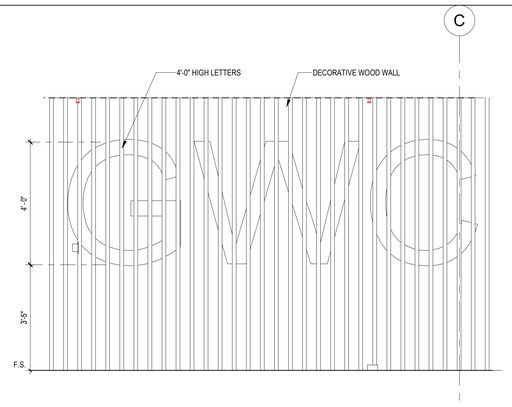
1. TACTILE CHARACTER TYPE: TACTILE CHARACTERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SAN SERIF UPPERCASE CHARACTERS ACCOMPANIED BY CONTRACTED (GRADE 2) BRAILLE. C.B.C. SECTION 11-703.2
2. PROPORTIONS: RAISED CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". C.B.C. SECTION 11B-703.2.4
3. TACTILE CHARACTER HEIGHT: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8" AND A MAXIMUM OF 2" HIGH BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I". C.B.C. SECTION 11B-703.2.5
4. STROKE THICKNESS: STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER. C.B.C. SECTION 11B-703.2.6.
5. FINISH AND CONTRAST: CONTRAST BETWEEN CHARACTERS, SYMBOLS AND THEIR BACKGROUND MUST BE 70% MINIMUM AND HAVE A NON-GLARE FINISH WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. C.B.C. SECTION 11-703.5.1.
6. BRAILLE: CONTRACTED (GRADE 2) BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. (11B-703.3 AND 11B-703.4) DOTS SHALL BE 1/10" ON CENTERS IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS, MEASURED FROM THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND. BRAILLE DOTS SHALL BE DOMED OR ROUNDED PER C.B.C. TABLE 11B-703.3.1. UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF A SENTENCE, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS AND ACRONYMS.



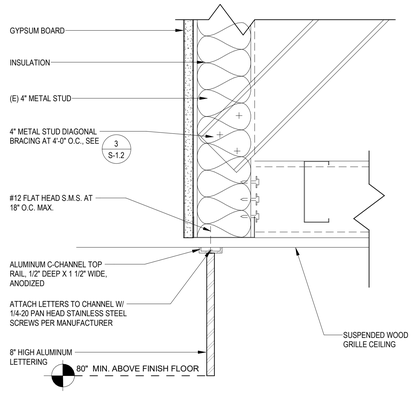
CALIFORNIA GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED. INDIVIDUAL BRAILLE DOTS SHALL EACH BE DISTINCT AND SEPARATE. EACH DOT SHALL BE ROUNDED OR DOMED IN LIEU OF SQUARE SIDED AND FLAT TOPPED.

7. MOUNTING HEIGHT AND LOCATION: SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE LOCATED 48" MINIMUM TO THE BASELINE OF THE LOWEST LINE OF BRAILLE CELLS AND 60" MAXIMUM TO THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS ABOVE THE FINISH FLOOR OR GROUND SURFACE. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES MINIMUM BY 18 INCHES MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDE BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND A 45 DEGREE OPEN POSITION. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN SWING OF A DOOR. C.B.C. SECTION 11B-703.4.1.

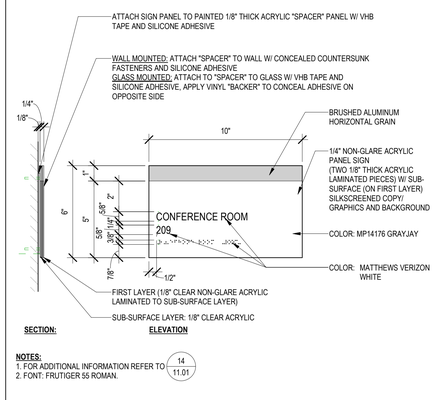
GENERAL NOTES 5



SIGNAGE DETAIL 7
SCALE: 1/2" = 1'-0"



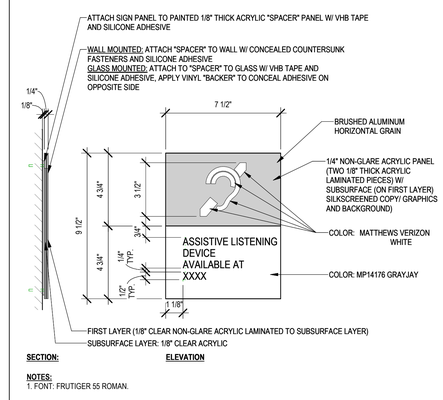
TOP RAIL SIGNAGE MOUNTING DETAIL 8
SCALE: 3" = 1'-0"



SECTION: ELEVATION

NOTES:
1. FOR ADDITIONAL INFORMATION REFER TO 14 11.01
2. FONT: FRUTIGER 55 ROMAN.

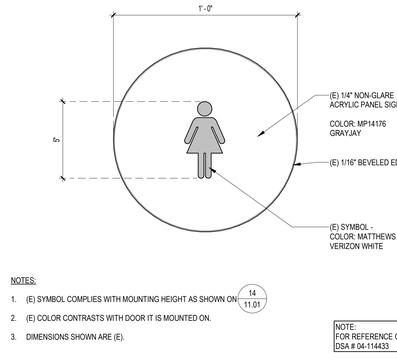
ROOM NAME/NUMBER SIGNAGE 9
SCALE: 3" = 1'-0"



SECTION: ELEVATION

NOTES:
1. FONT: FRUTIGER 55 ROMAN.

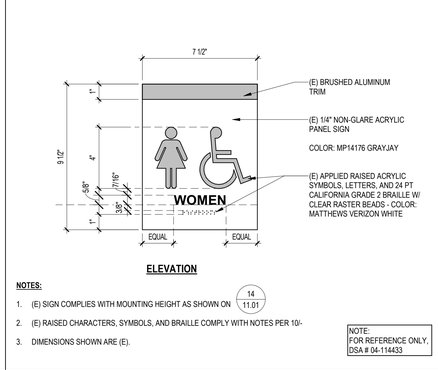
ASSISTIVE LISTENING SIGN 10
SCALE: 3" = 1'-0"



NOTES:
1. (E) SYMBOL COMPLIES WITH MOUNTING HEIGHT AS SHOWN ON 14 11.01
2. (E) COLOR CONTRASTS WITH DOOR IT IS MOUNTED ON.
3. DIMENSIONS SHOWN ARE (E).

NOTE: FOR REFERENCE ONLY, DSA # 04-114433

(E) DOOR MOUNTED TOILET ROOM SYMBOL 11
SCALE: 3" = 1'-0"

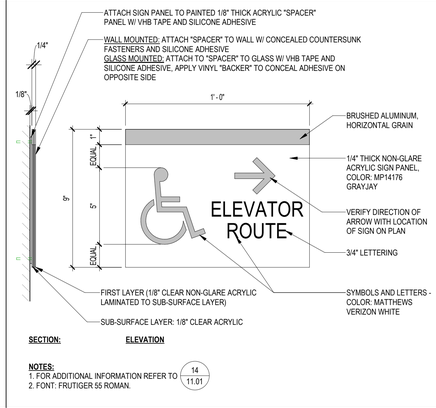


ELEVATION

NOTES:
1. (E) SIGN COMPLIES WITH MOUNTING HEIGHT AS SHOWN ON 14 11.01
2. (E) RAISED CHARACTERS, SYMBOLS, AND BRAILLE COMPLY WITH NOTES PER 10/-
3. DIMENSIONS SHOWN ARE (E).

NOTE: FOR REFERENCE ONLY, DSA # 04-114433

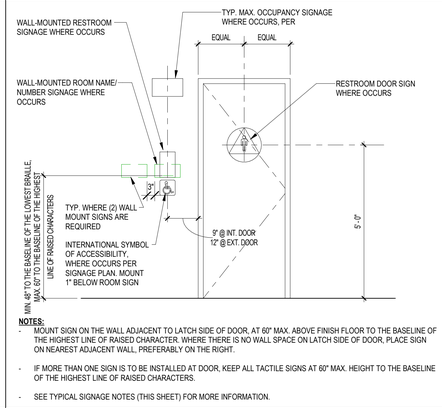
(E) MOUNTED TOILET ROOM SIGN - WOMEN 12
SCALE: 3" = 1'-0"



SECTION: ELEVATION

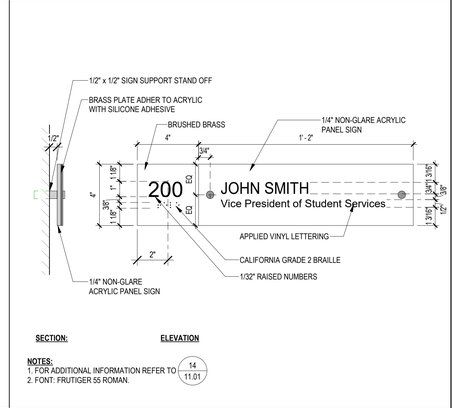
NOTES:
1. FOR ADDITIONAL INFORMATION REFER TO 14 11.01
2. FONT: FRUTIGER 55 ROMAN.

ELEVATOR DIRECTIONAL SIGNAGE 13
SCALE: 3" = 1'-0"



NOTES:
- MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" MAX. ABOVE FINISH FLOOR TO THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTER. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGN ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- IF MORE THAN ONE SIGN IS TO BE INSTALLED AT DOOR, KEEP ALL TACTILE SIGNS AT 60" MAX. HEIGHT TO THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS.
- SEE TYPICAL SIGNAGE NOTES (THIS SHEET) FOR MORE INFORMATION.

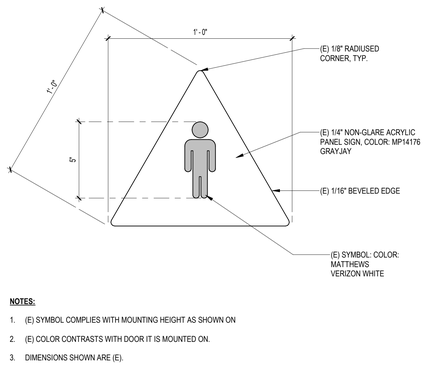
SIGNAGE LOCATION LEGEND 14
SCALE: 1/2" = 1'-0"



SECTION: ELEVATION

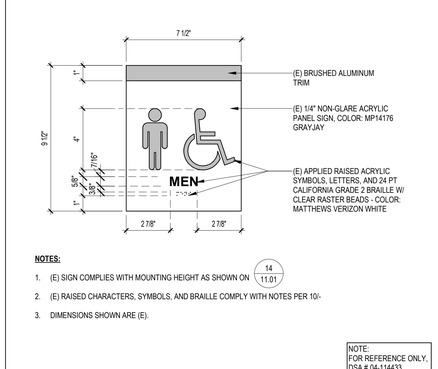
NOTES:
1. FOR ADDITIONAL INFORMATION REFER TO 14 11.01
2. FONT: FRUTIGER 55 ROMAN.

OFFICE SIGNAGE 15
SCALE: 3" = 1'-0"



NOTES:
1. (E) SYMBOL COMPLIES WITH MOUNTING HEIGHT AS SHOWN ON
2. (E) COLOR CONTRASTS WITH DOOR IT IS MOUNTED ON.
3. DIMENSIONS SHOWN ARE (E).

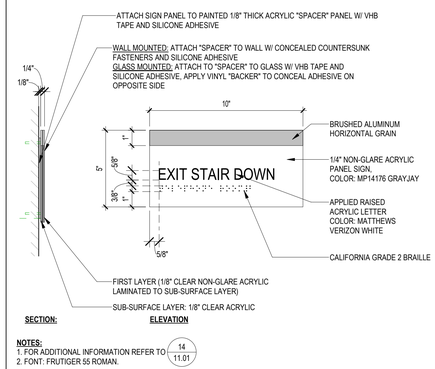
(E) DOOR MOUNTED TOILET ROOM SYMBOL 16
SCALE: 3" = 1'-0"



NOTES:
1. (E) SIGN COMPLIES WITH MOUNTING HEIGHT AS SHOWN ON 14 11.01
2. (E) RAISED CHARACTERS, SYMBOLS, AND BRAILLE COMPLY WITH NOTES PER 10/-
3. DIMENSIONS SHOWN ARE (E).

NOTE: FOR REFERENCE ONLY, DSA # 04-114433

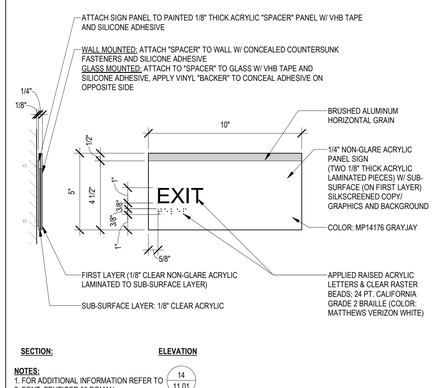
(E) MOUNTED TOILET ROOM SIGN - MEN 17
SCALE: 3" = 1'-0"



SECTION: ELEVATION

NOTES:
1. FOR ADDITIONAL INFORMATION REFER TO 14 11.01
2. FONT: FRUTIGER 55 ROMAN.

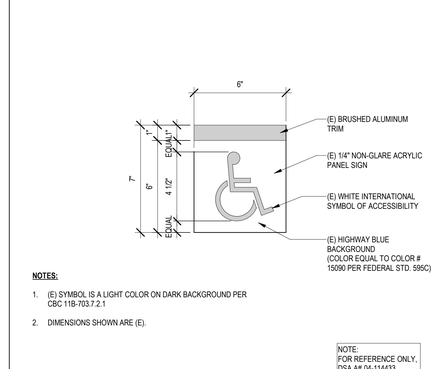
EXTI STAIR DOWN SIGNAGE 18
SCALE: 3" = 1'-0"



SECTION: ELEVATION

NOTES:
1. FOR ADDITIONAL INFORMATION REFER TO 14 11.01
2. FONT: FRUTIGER 55 ROMAN.

TACTILE EXIT SIGNAGE 19
SCALE: 3" = 1'-0"



NOTES:
1. (E) SYMBOL IS A LIGHT COLOR ON DARK BACKGROUND PER CBC 11B-703.7.2.1
2. DIMENSIONS SHOWN ARE (E).

NOTE: FOR REFERENCE ONLY, DSA A# 04-114433.

INTERNATIONAL SYMBOL OF ACCESSIBILITY 20
SCALE: 3" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-124889 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

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01/29/2026

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architect

consultant

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15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00
file name:
drawn by: B.C. checked by: C.F.
date: 11.03.2025 2/25/2026 11:28:50 AM

rev:	date:	description:

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11.01

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PASSENGER ELEVATOR REQUIREMENTS

ELEVATORS SHALL COMPLY WITH CHAPTER ***11B -206.6*** AND ***11B-407***. WHERE MULTIPLE PASSENGER ELEVATORS ARE PROVIDED, EACH ELEVATOR SHALL COMPLY WITH ***11B-407***.

1. **General - 11B-407.1**
   A) ELEVATORS SHALL BE PASSENGER ELEVATORS AS CLASSIFIED BY ASME A17.1. AND SHALL COMPLY WITH **11B-407** AND WITH **ASME A17.1.**
   B) ELEVATOR OPERATION SHALL BE AUTOMATIC.
   C) WHEN THE ONLY ELEVATORS PROVIDED FOR USE BY THE PUBLIC AND EMPLOYEES ARE COMBINATION PASSENGER AND FREIGHT ELEVATORS, THEY SHALL COMPLY WITH SECTION **11B-407** AND WITH **ASME A17.1**.

2. ELEVATOR LANDING REQUIREMENTS - **11B-407.2 AND 1009**
   A) **CALL CONTROLS** - WHERE ELEVATOR CALL BUTTONS OR KEYPADS ARE PROVIDED, THEY SHALL COMPLY WITH SECTIONS **11B-407.2.1** AND **11B-309.4.**
   - **HEIGHT -** CALL BUTTONS AND KEYPADS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN SECTION **11B-308**, MEASURED TO THE CENTERLINE OF THE HIGHEST OPERABLE PART.
   - **SIZE AND SHAPE** - CALL BUTTONS SHALL HAVE SQUARE SHOULDERS, BE 3/4 INCH (19.1 MM) MINIMUM IN THE SMALLEST DIMENSION AND SHALL BE RAISED 1/8 INCH (3.2 MM) PLUS OR MINUS 1/32 INCH (0.8 MM) ABOVE THE SURROUNDING SURFACE. THE BUTTONS SHALL BE ACTIVATED BY A MECHANICAL MOTION THAT IS DETECTABLE.
   - **CLEAR FLOOR OR GROUND SPACE** - A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH SECTION 11B-305 SHALL BE PROVIDED AT CALL CONTROLS.
   - **LOCATION** - THE CALL BUTTON THAT DESIGNATES THE UP DIRECTION SHALL BE LOCATED ABOVE THE CALL BUTTON THAT DESIGNATES THE DOWN DIRECTION.
   - **SIGNALS** - CALL BUTTONS SHALL HAVE VISIBLE SIGNALS THAT WILL ACTIVATE WHEN EACH CALL IS REGISTERED AND WILL EXTINGUISH WHEN EACH CALL IS ANSWERED. CALL BUTTONS SHALL BE INTERNALLY ILLUMINATED WITH A WHITE LIGHT OVER THE ENTIRE SURFACE OF THE BUTTON
   - **KEYPADS** - PER **11B-407.2.1.6,** WHERE KEYPADS ARE PROVIDED, KEYPADS SHALL BE IN A STANDARD TELEPHONE KEYPAD ARRANGEMENT AND SHALL COMPLY WITH SECTION **11B-407.4.7.2.**

   B) **HALL SIGNALS** - HALL SIGNALS, IN-CAR SIGNALS, SHALL COMPLY WITH **11B-407.2.2**
   - **VISIBLE AND AUDIBLE SIGNALS** - A VISIBLE AND AUDIBLE SIGNAL SHALL BE PROVIDED AT EACH HOISTWAY ENTRANCE TO INDICATE WHICH CAR IS ANSWERING A CALL AND THE CAR'S DIRECTION OF TRAVEL. WHERE IN-CAR SIGNALS ARE PROVIDED, THEY SHALL BE VISIBLE FROM THE FLOOR AREA ADJACENT TO THE HALL CALL BUTTONS.
   - **VISIBLE SIGNALS** - VISIBLE SIGNAL FIXTURES SHALL BE CENTERED AT 72 INCHES (1829 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND. THE VISIBLE SIGNAL ELEMENTS SHALL BE A MINIMUM 21/2 INCHES (64 MM) HIGH BY 21/2 INCHES (64 MM) WIDE. SIGNALS SHALL BE VISIBLE FROM THE FLOOR AREA ADJACENT TO THE HALL CALL BUTTON.
   - **AUDIBLE SIGNALS** - AUDIBLE SIGNALS SHALL SOUND ONCE FOR THE UP DIRECTION AND TWICE FOR THE DOWN DIRECTION, OR SHALL HAVE VERBAL ANNUNCIATORS THAT INDICATE THE DIRECTION OF ELEVATOR CAR TRAVEL. AUDIBLE SIGNALS SHALL HAVE A FREQUENCY OF 1500 HZ MAXIMUM. VERBAL ANNUNCIATORS SHALL HAVE A FREQUENCY OF 300 HZ MINIMUM AND 3000 HZ MAXIMUM. THE AUDIBLE SIGNAL AND VERBAL ANNUNCIATOR SHALL BE 10 DB MINIMUM ABOVE AMBIENT, BUT SHALL NOT EXCEED 80 DB, MEASURED AT THE HALL CALL BUTTON.

   C) **HOISTWAY SIGNS** - SIGNS AT ELEVATOR HOISTWAYS SHALL COMPLY WITH **11B-703.2.3**
   - **FLOOR DESIGNATION** - FLOOR DESIGNATIONS COMPLYING WITH SECTIONS 11B-703.2 AND 11B-703.4.1 SHALL BE PROVIDED ON BOTH JAMBS OF ELEVATOR HOISTWAY ENTRANCES. FLOOR DESIGNATIONS SHALL BE PROVIDED IN BOTH RAISED CHARACTERS AND BRAILLE. RAISED CHARACTERS SHALL BE 2 INCHES (51 MM) HIGH. A RAISED STAR, PLACED TO THE LEFT OF THE FLOOR DESIGNATION, SHALL BE PROVIDED ON BOTH JAMBS AT THE MAIN ENTRY LEVEL. THE OUTSIDE DIAMETER OF THE STAR SHALL BE 2 INCHES (51 MM) AND ALL POINTS SHALL BE OF EQUAL LENGTH. RAISED CHARACTERS, INCLUDING THE STAR, SHALL BE WHITE ON A BLACK BACKGROUND. BRAILLE COMPLYING WITH SECTION 11B-703.3 SHALL BE PLACED BELOW THE CORRESPONDING RAISED CHARACTERS AND THE STAR. THE BRAILLE TRANSLATION FOR THE STAR SHALL BE "MAIN". APPLIED PLATES ARE ACCEPTABLE IF THEY ARE PERMANENTLY FIXED TO THE JAMB.

   D) **TWO- WAY COMMUNICATION - 1009.8**
   - PROVIDE A TWO-WAY COMMUNICATION SYSTEM WITH BOTH AUDIBLE AND VISIBLE SIGNALS AT THE ELEVATOR LANDING ON EACH ACCESSIBLE FLOOR THAT IS ONE OR MORE STORIES ABOVE OR BELOW THE STORY OF EXIT DISCHARGE. SUCH SYSTEMS ARE NOT REQUIRED AT ELEVATOR LANDINGS WHERE THEY ARE PROVIDED WITHIN AREAS OF REFUGE IN ACCORDANCE WITH **1009.6.5**
   - DIRECTIONS FOR THE USE OF THE TWO-WAY COMMUNICATION SYSTEMS, THE INSTRUCTIONS FOR SUMMONING ASSISTANCE VIA SUCH SYSTEM, AND WRITTEN IDENTIFICATION OF THE LOCATION SHALL BE POSTED ADJACENT TO THE TWO-WAY COMMUNICATION SYSTEM. **1009.8.2**

   (SHOW PLAN REVIEWER, ON FLOOR PLANS AND ELEVATIONS, WITH REFERENCE TO DETAILS, THE LOCATIONS AND CONTENTS OF SUCH POSTED DIRECTIONS)

   E) **DIRECTIONAL SIGNAGE - 1009.10**
   - PROVIDE A DIRECTIONAL SIGNAGE COMPLYING WITH 11B-703.5 AT ELEVATOR LANDINGS INDICATING THE LOCATIONS OF THE OTHER MEANS OF EGRESS AND WHICH OF THOSE ARE ACCESSIBLE MEANS OF EGRESS.

3. **ELEVATOR DOOR REQUIREMENTS - 11B-407.3**
   A) **TYPE** - ELEVATOR DOORS SHALL BE THE HORIZONTAL SLIDING TYPE. CAR GATES SHALL BE PROHIBITED.
   B) **OPERATION** - ELEVATOR HOISTWAY AND CAR DOORS SHALL OPEN AND CLOSE AUTOMATICALLY. - SEE **11B-407.3.2**, EXCEPTION FOT EXISTING MANUALLY OPERATED DOORS.
   C) **REOPENING DEVICE** - ELEVATOR DOORS SHALL BE PROVIDED WITH A REOPENING DEVICE COMPLYING WITH SECTION **11B-407.3.3** THAT SHALL STOP AND REOPEN A CAR DOOR AND HOISTWAY DOOR AUTOMATICALLY IF THE DOOR BECOMES OBSTRUCTED BY AN OBJECT OR PERSON.
   D) **HEIGHT**- THE DEVICE SHALL BE ACTIVATED BY SENSING AN OBSTRUCTION PASSING THROUGH THE OPENING AT INCHES (127 MM) NOMINAL AND 29 INCHES (737 MM) NOMINAL ABOVE THE FINISH FLOOR.
   E) **CONTACT**- THE DEVICE SHALL NOT REQUIRE PHYSICAL CONTACT TO BE ACTIVATED, ALTHOUGH CONTACT IS PERMITTED TO OCCUR BEFORE THE DOOR REVERSES.
   F) **DURATION** - DOOR REOPENING DEVICES SHALL REMAIN EFFECTIVE FOR 20 SECONDS MINIMUM.
   G) **DOOR AND SIGNAL TIMING** - THE MINIMUM ACCEPTABLE TIME FROM NOTIFICATION THAT A CAR IS ANSWERING A CALL UNTIL THE DOORS OF THAT CAR START TO CLOSE SHALL BE CALCULATED FROM THE FOLLOWING EQUATION:
      T = D/(1.5 FT/S) OR T = D/(457 MM/S) + 5 SECONDS MINIMUM WHERE T EQUALS THE TOTAL TIME IN SECONDS AND D EQUALS THE DISTANCE (IN FEET OR MILLIMETERS) FROM THE POINT IN THE LOBBY OR CORRIDOR 60 INCHES (1524 MM) DIRECTLY IN FRONT OF THE FARTHEST CALL BUTTON CONTROLLING THAT CAR TO THE CENTERLINE OF ITS HOISTWAY DOOR.
   H) **DOOR DELAY** - ELEVATOR DOORS SHALL REMAIN FULLY OPEN IN RESPONSE TO A CAR CALL FOR 5 SECONDS MINIMUM.
   I) **WIDTH** - THE WIDTH OF ELEVATOR DOORS SHALL COMPLY WITH **TABLE 11B-407.4.1.**

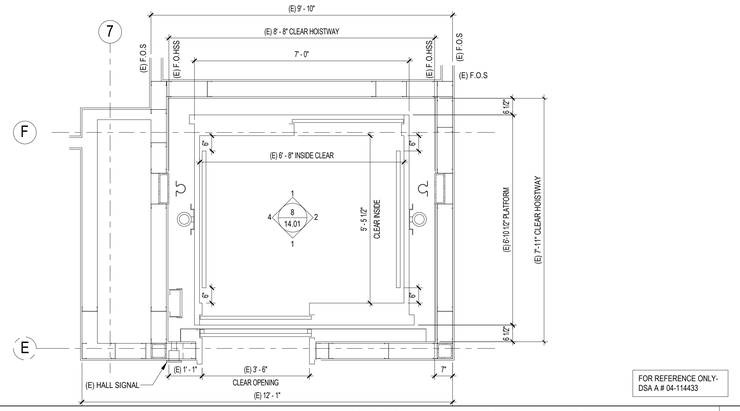
4. **ELEVATOR CAR REQUIREMENTS - 11B-407.4**
   A) **CAR DIMENSIONS** - INSIDE DIMENSIONS OF ELEVATOR CARS AND CLEAR WIDTH OF ELEVATOR DOORS SHALL COMPLY WITH **TABLE 407.4.1.** WHERE ELEVATORS ARE PROVIDED IN BUILDINGS FOUR OR MORE STORIES ABOVE, OR FOUR OR MORE STORIES BELOW, GRADE PLANE, NOT FEWER THAN ONE ELEVATOR SHALL BE PROVIDED FOR FIRE DEPARTMENT EMERGENCY ACCESS TO ALL FLOORS (80" X 54" INSIDE CAR DIMENSIONS OR OTHERWISE ACCOMMODATE REQUIREMENT) PER **3002.4** AND **3002.4.3A.**
   B) **FLOOR SURFACES** - FLOOR SURFACES IN ELEVATOR CARS SHALL COMPLY WITH SECTIONS **11B-302** AND **11B-303.**
   C) **PLATFORM TO HOISTWAY CLEARANCE** - THE CLEARANCE BETWEEN THE CAR PLATFORM STILL AND THE EDGE OF ANY HOISTWAY LANDING SHALL BE 1 1/4 INCHES MAXIMUM IN COMPLIANCE WITH **11B-407.4.3**
   D) **LEVELING** - EACH CAR SHALL BE EQUIPPED WITH A SELF-LEVELING FEATURE THAT WILL AUTOMATICALLY BRING AND MAINTAIN THE CAR AT FLOOR LANDINGS WITHIN A TOLERANCE OF 1/2 INCH (12.7 MM) UNDER RATED LOADING TO ZERO LOADING CONDITIONS.
   E) **ILLUMINATION** - THE LEVEL OF ILLUMINATION AT THE CAR CONTROLS, PLATFORM, CAR THRESHOLD AND CAR LANDING SILL SHALL BE 5 FOOT CANDLES (54 LUX) MINIMUM.
   F) **ELEVATOR CAR CONTROLS** - WHERE PROVIDED, ELEVATOR CAR CONTROLS SHALL COMPLY WITH SECTIONS **11B-407.4.6** AND **11B-309.4.**
   - **LOCATION** - CONTROLS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN SECTION **11B-308.**
   - **BUTTONS** - CAR CONTROL BUTTONS WITH FLOOR DESIGNATIONS SHALL COMPLY WITH SECTION **11B-407.4.6.2.**
     - **SIZE AND SHAPE** - BUTTONS SHALL HAVE SQUARE SHOULDERS, BE 3/4 INCH (19.1 MM) MINIMUM IN THEIR SMALLEST DIMENSION AND BE RAISED 1/8 INCH (3.2 MM) PLUS OR MINUS 1/32 INCH (0.8 MM) ABOVE THE SURROUNDING SURFACE.
     - **ARRANGEMENT** - BUTTONS SHALL BE ARRANGED WITH NUMBERS IN ASCENDING ORDER. WHEN TWO OR MORE COLUMNS OF BUTTONS ARE PROVIDED THEY SHALL READ FROM LEFT TO RIGHT.
     - **ILLUMINATION** - CAR CONTROL BUTTONS SHALL BE ILLUMINATED.
     - **OPERATION** - CAR CONTROL BUTTONS SHALL BE ACTIVATED BY A MECHANICAL MOTION THAT IS DETECTABLE.
   - **KEYPADS** - CAR CONTROL KEYPADS SHALL BE IN A STANDARD TELEPHONE KEYPAD ARRANGEMENT AND SHALL COMPLY WITH SECTION **11B-407.4.7.2.**
   - **EMERGENCY CONTROLS** - EMERGENCY CONTROLS SHALL COMPLY WITH SECTION **11B-407.4.6.4.**
     - **HEIGHT** - EMERGENCY CONTROL BUTTONS SHALL HAVE THEIR CENTERLINES 35 INCHES (889 MM) MINIMUM ABOVE THE FINISH FLOOR.
     - **LOCATION** - EMERGENCY CONTROLS, INCLUDING THE EMERGENCY ALARM, SHALL BE GROUPED AT THE BOTTOM OF THE PANEL.

   G) **DESIGNATIONS AND INDICATORS OF CAR CONTROLS** - THEY SHALL COMPLY WITH **11B-407.4.7.**
   - **BUTTONS** -CAR CONTROL BUTTONS SHALL COMPLY WITH SECTION **11B-407.4.7.1.**
     - **TYPE -** CONTROL BUTTONS SHALL BE IDENTIFIED BY RAISED CHARACTERS OR SYMBOLS, WHITE ON A BLACK BACKGROUND, COMPLYING WITH SECTION **11B-703.2** AND BRAILLE COMPLYING WITH SECTION **11B-703.3.**
     - **LOCATION -** RAISED CHARACTERS OR SYMBOLS AND BRAILLE DESIGNATIONS SHALL BE PLACED IMMEDIATELY TO THE LEFT OF THE CONTROL BUTTON TO WHICH THE DESIGNATIONS APPLY.
     - **SYMBOLS -** THE CONTROL BUTTON FOR THE EMERGENCY STOP, ALARM, DOOR OPEN, DOOR CLOSE, MAIN ENTRY FLOOR AND PHONE, SHALL BE IDENTIFIED WITH RAISED SYMBOLS AND BRAILLE AS SHOWN IN TABLE **11B-407.4.7.1.3.**
     - **VISIBLE INDICATORS** - BUTTONS WITH FLOOR DESIGNATIONS SHALL BE PROVIDED WITH VISIBLE INDICATORS TO SHOW THAT A CALL HAS BEEN REGISTERED. THE VISIBLE INDICATION SHALL EXTINGUISH WHEN THE CAR ARRIVES AT THE DESIGNATED FLOOR.
     - **BUTTON SPACING** - A MINIMUM CLEAR SPACE OF 3/8 INCH (9.5 MM) OR OTHER SUITABLE MEANS OF SEPARATION SHALL BE PROVIDED BETWEEN ROWS OF CONTROL BUTTONS.
   - **KEYPADS** - KEYPADS SHALL BE IDENTIFIED BY CHARACTERS COMPLYING WITH SECTION **11B-703.5** AND SHALL BE CENTERED ON THE CORRESPONDING KEYPAD BUTTON. THE NUMBER FIVE KEY SHALL HAVE A SINGLE RAISED DOT. THE DOT SHALL BE 0.118 INCH (3 MM) TO 0.120 INCH (3.05 MM) BASE DIAMETER AND IN OTHER ASPECTS COMPLY WITH **TABLE 11B-703.3.1.**

   H) **CAR POSITION INDICATORS** - AUDIBLE AND VISIBLE CAR POSITION INDICATORS SHALL BE PROVIDED IN ELEVATOR CARS.
   - **VISIBLE INDICATORS** - VISIBLE INDICATORS SHALL COMPLY WITH SECTION 11B-407.4.8.1.
     - **SIZE** - CHARACTERS SHALL BE 1/2 INCH (12.7 MM) HIGH MINIMUM.
     - **LOCATION** - INDICATORS SHALL BE LOCATED ABOVE THE CAR CONTROL PANEL OR ABOVE THE DOOR.
     - **FLOOR ARRIVAL** - AS THE CAR PASSES A FLOOR AND WHEN A CAR STOPS AT A FLOOR SERVED BY THE ELEVATOR, THE CORRESPONDING CHARACTER SHALL ILLUMINATE.
   - **AUDIBLE INDICATORS** - AUDIBLE INDICATORS SHALL COMPLY WITH SECTION **11B-407.4.8.2.**
     - **SIGNAL TYPE -** THE SIGNAL SHALL BE AN AUTOMATIC VERBAL ANNUNCIATOR WHICH ANNOUNCES THE FLOOR AT WHICH THE CAR IS ABOUT TO STOP.
     - **SIGNAL LEVEL** - THE VERBAL ANNUNCIATOR SHALL BE 10 DB MINIMUM ABOVE AMBIENT, BUT SHALL NOT EXCEED 80 DB, MEASURED AT THE ANNUNCIATOR.
     - **FREQUENCY** - THE VERBAL ANNUNCIATOR SHALL HAVE A FREQUENCY OF 300 HZ MINIMUM TO 3000 HZ MAXIMUM.

   I) **EMERGENCY COMMUNICATION** - EMERGENCY TWO-WAY COMMUNICATION SYSTEMS SHALL COMPLY WITH SECTION **11B-308**. RAISED SYMBOLS OR CHARACTERS, WHITE ON A BLACK BACKGROUND AND BRAILLE SHALL BE PROVIDED ADJACENT TO THE DEVICE AND SHALL COMPLY WITH SECTIONS 11B-703.2 AND **11B-703.3**. EMERGENCY TWO-WAY COMMUNICATION SYSTEMS BETWEEN THE ELEVATOR AND A POINT OUTSIDE THE HOISTWAY SHALL COMPLY WITH **ASME A17.1.**

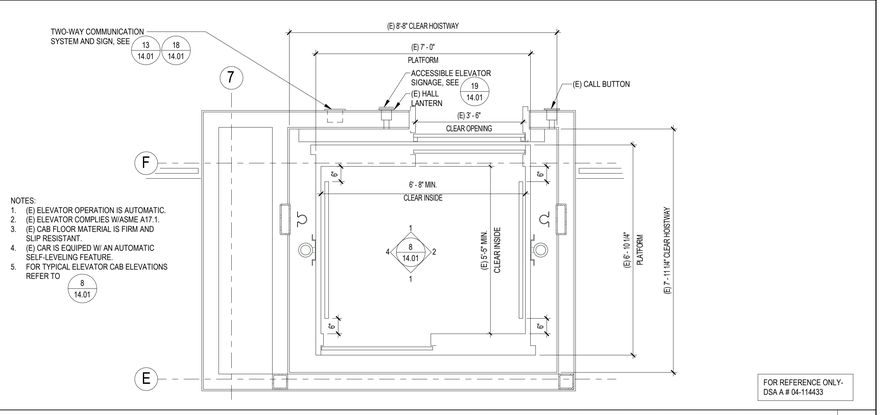
   J) **SUPPORT RAIL** - SUPPORT RAILS SHALL BE PROVIDED ON AT LEAST ONE WALL OF THE CAR.
   - **LOCATION** - CLEARANCE BETWEEN SUPPORT RAILS AND ADJACENT SURFACES SHALL BE 11/2 INCHES (38 MM) MINIMUM. TOP OF SUPPORT RAILS SHALL BE 31 INCHES (787 MM) MINIMUM TO 33 INCHES (838 MM) MAXIMUM ABOVE THE FLOOR OF THE CAR. THE ENDS OF THE SUPPORT RAIL SHALL BE 6 INCHES (152 MM) MAXIMUM FROM ADJACENT WALLS.
   - **SURFACES** - SUPPORT RAILS SHALL BE SMOOTH AND ANY SURFACE ADJACENT TO THEM SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS.
   - **STRUCTURAL STRENGTH -** ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS (1112 N) IS APPLIED AT ANY POINT ON THE SUPPORT RAIL, FASTENER, MOUNTING DEVICE OR SUPPORTING STRUCTURE.



FOR REFERENCE ONLY- DSA A # 04-114433

(E) ELEVATOR PLAN AT FIRST FLOOR - A# 04-114433 — 3

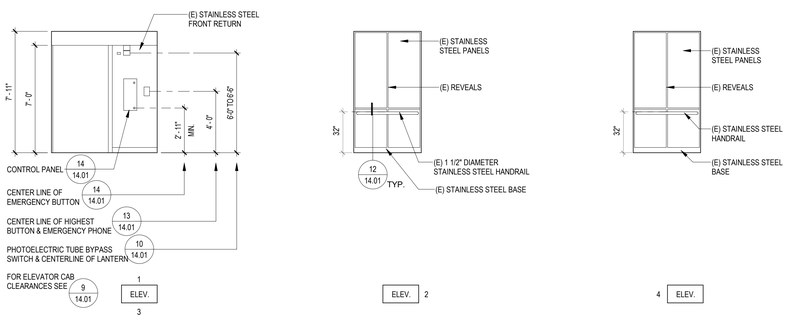
SCALE: 1/2" = 1'-0"



FOR REFERENCE ONLY- DSA A # 04-114433

(E) ELEVATOR PLAN AT SECOND FLOOR - A# 04-114433 — 5

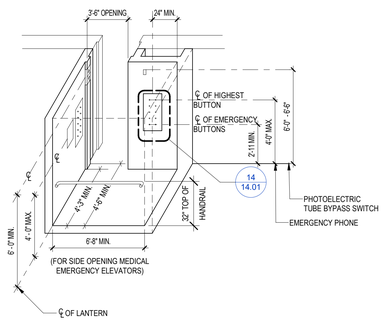
SCALE: 1/2" = 1'-0"



FOR REFERENCE ONLY- DSA A # 04-114433

(E) ELEVATOR CAB ELEVATIONS - A# 04-114433 — 8

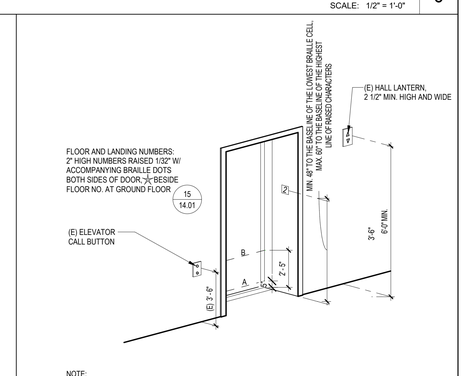
SCALE: 1/4" = 1'-0"



FOR REFERENCE ONLY- DSA A # 04-114433

(E) ELEVATOR CAB CLEARANCES — 9

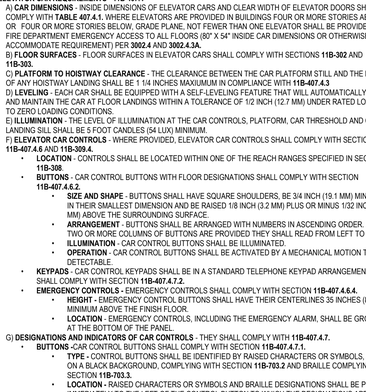
SCALE: 1/4" = 1'-0"



FOR REFERENCE ONLY- DSA A # 04-114433

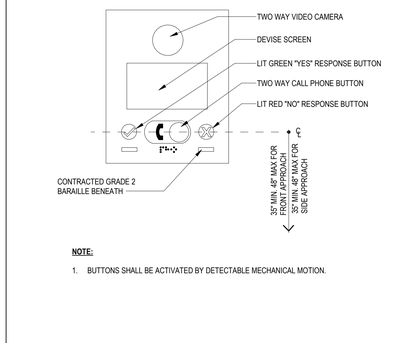
(E) ELEVATOR CONTROLS AND SIGNAGE — 10

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



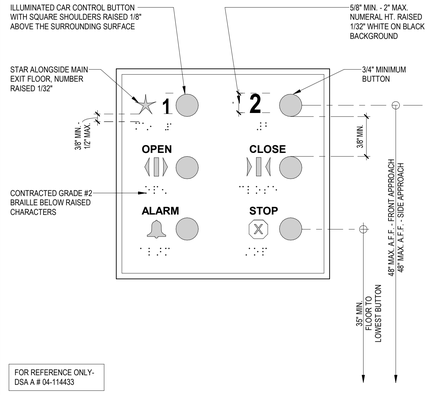
ELEVATOR HANDRAIL DETAIL — 12

SCALE: N.T.S.



EMERGENCY COMM. CONTROL PANEL — 13

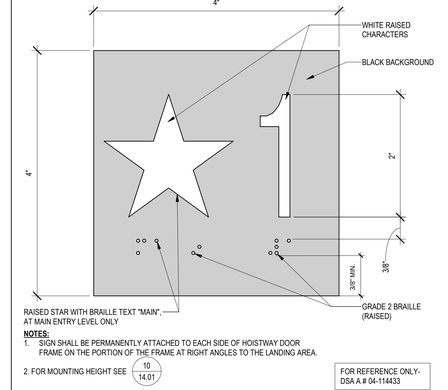
SCALE: 3" = 1'-0"



FOR REFERENCE ONLY- DSA A # 04-114433

(E) ELEVATOR CONTROL PANEL — 14

SCALE: N.T.S.



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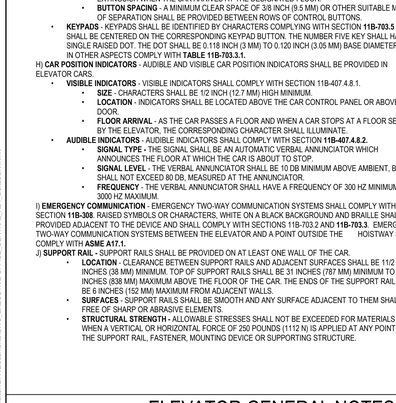
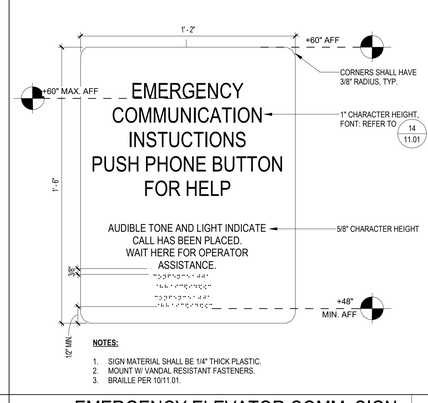
(E) ELEVATOR FLOOR SIGNAGE — 15

SCALE: 12" = 1'-0"



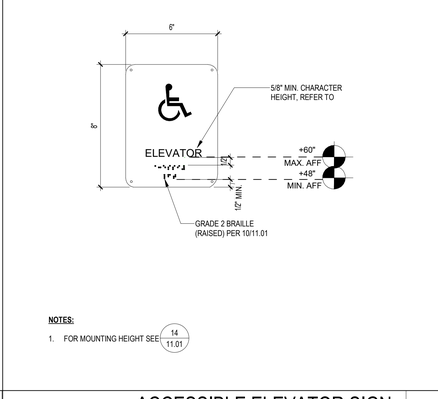
ELEVATOR GENERAL NOTES — 16

SCALE: 12" = 1'-0"



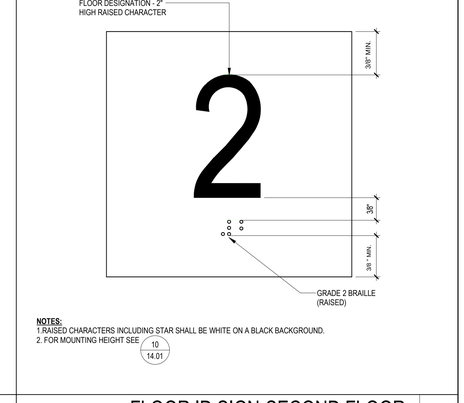
EMERGENCY ELEVATOR COMM. SIGN — 18

SCALE: 3" = 1'-0"



ACCESSIBLE ELEVATOR SIGN — 19

SCALE: 3" = 1'-0"



FLOOR ID SIGN-SECOND FLOOR — 20

SCALE: 12" = 1'-0"

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APP: 04-124889 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

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Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: B.C. checked by: C.F.

date: 11.03.2025 2/25/2026 11:28:51 AM

rev:	date:	description:

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drawing title:

(E) ELEVATOR PLAN AND DETAILS

drawing no.:

14.01

C:\Users\Chris TBP\Documents\GWC_EXECUTIVE OFFICE_CENTRAL_R21_chris5URAK.rvt

GENERAL NOTES:

1. DETAILS OF CONSTRUCTION NOT SHOWN SHALL BE OF SAME NATURE AS THOSE SHOWN FOR SIMILAR CONDITIONS. REFER TO THE TYPICAL DETAIL SHEETS FOR TYPICAL DETAILS OF CONSTRUCTION. TYPICAL DETAILS APPLY TO ALL CONSTRUCTION UNLESS SPECIFICALLY NOTED OR SHOWN OTHERWISE. WHERE CONDITIONS REQUIRE MODIFICATIONS OF A TYPICAL DETAIL, THE CONTRACTOR SHALL SUBMIT MODIFIED DETAIL FOR APPROVAL BY THE ENGINEER OF RECORD PRIOR TO FABRICATION AND INSTALLATION.

2. CONTRACTOR SHALL CONSIDER THE PROJECT SPECIFICATIONS A PART OF THE CONTRACT DOCUMENTS. WHERE INFORMATION IS CONFLICTING, SPECIFIC DETAILS SHALL GOVERN OVER TYPICAL DETAILS WHICH SHALL GOVERN OVER THESE NOTES WHICH SHALL GOVERN OVER SPECIFICATIONS.

3. ALL DIMENSIONS ON STRUCTURAL DRAWINGS SHALL BE CHECKED AGAINST ARCHITECTURAL DIMENSIONS. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE OMITTED OR NOT CLEAR, CONTACT THE ARCHITECT (ARCH) OR STRUCTURAL ENGINEER OF RECORD (SEOR). ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR. DIMENSIONS ARE TO THE FACE OF STUDS, AND TO CENTERLINE OF COLUMNS UNO.

4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY NOTIFY THE SEOR OF ANY CONFLICTS BETWEEN THE STRUCTURAL DRAWINGS AND OTHER DRAWINGS; OR EXISTING CONDITIONS NOT SHOWN OR DIFFERENT FROM THOSE SHOWN ON DRAWINGS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE BUILDING THAT IS IN CONFLICT UNTIL THE CONFLICT IS RESOLVED WITH THE AFFECTED PARTIES.

5. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE SHOWN THEY DO NOT INDICATE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE CONSTRUCTION AND ALL ADJACENT PROPERTIES DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT ARE NOT LIMITED TO BRACING, SHORING OF LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE ARCHITECT OR SEOR SHALL NOT INCLUDE OBSERVATION OF THE ABOVE ITEMS.

6. SUBSTITUTION REQUESTS FOR MATERIALS SPECIFIED ON THE STRUCTURAL DRAWINGS MAY BE CONSIDERED WITH MATERIALS HAVING EQUIVALENT OR GREATER CAPACITY AND PERFORMANCE. CURRENT EVALUATION REPORTS AND PRODUCT INFORMATION SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER DEMONSTRATING THE REQUIRED CAPACITY AND PERFORMANCE OF THE MATERIAL TO BE SUBSTITUTED. WRITTEN APPROVAL FROM THE SEOR SHALL BE OBTAINED PRIOR TO THE SUBSTITUTION OF ANY MATERIAL SPECIFIED ON THE STRUCTURAL DOCUMENTS.

7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE PERTINENT SECTIONS OF THE "CONSTRUCTION SAFETY ORDERS" ISSUED BY THE STATE OF CALIFORNIA, LATEST EDITION, AND ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT. THE ARCHITECT, SEOR, AND THE OWNER DO NOT ACCEPT ANY RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY WITH THESE REQUIREMENTS.

8. ALL WORK IS NEW (N) UNLESS INDICATED AS EXISTING (E).

9. REMOVE AND REPLACE FIREPROOFING AS REQUIRED TO INSTALL NEW CONSTRUTION.

10. CONSTRUCTION MATERIALS SHALL BE DISTRIBUTED WHEN PLACED ON THE STRUCTURE SUCH THAT LOADS DO NOT EXCEED DESIGN LIVE LOADS OR RESULT IN AN UNBALANCED CONDITION.

STRUCTURAL DESIGN CRITERIA:

1. CODES:
   ALL WORK SHALL BE IN CONFORMANCE WITH THE CALIFORNIA BUILDING CODE (CBC) 2022 EDITION, INCLUDING ALL AMENDMENTS. ALL STANDARDS USED SHALL BE THE LATEST VERSION APPROVED BY THE CODE ENFORCEMENT AGENCY ON THE DATE OF THE PERMIT ISSUANCE UNLESS SPECIFICALLY NOTED OTHERWISE.

2. DESIGN LIVE LOAD
   - ROOF 20 PSF
   - CLASSROOM 50 PSF
   - 2ND FLOOR COORIDOR 80 PSF

3. SEISMIC DESIGN INFORMATION (ASCE 7)
   - RISK CATEGORY = III Ie = 1.25
   - SITE CLASS = D (DEFAULT)
   - S_S = 1.413 , S_1 = 0.507, S_{DS} = 1.130, S_{D1} = 0.608
   - SEISMIC DESIGN CRITERIA = D

COLD-FORMED STEEL FRAMING NOTES:

1. DESIGN, FABRICATION AND ERECTION OF COLD-FORMED STEEL FRAMING SHALL CONFORM TO THE SPECIFICATIONS AND STANDARD OF THE AMERICAN IRON AND STEEL INSTITUTE (AISI), AS CONTAINED IN THE "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION, INCLUDING ALL APPLICABLE AMENDMENTS.

2. ALL COLD-FORMED STEEL FRAMING SHALL BE ERECTED PLUMB AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AND LEFT IN PLACE UNTIL OTHER MEANS IS PROVIDED TO ADEQUATELY BRACE THE STRUCTURE.

3. COLD-FORMED STEEL GRADES:
   A. 18 GA (43 MILS) OR THINNER .....ASTM A1003 GRADE 33 (FY = 33 KSI)
   B. 16 GA (54 MILS) AND THICKER .....ASTM A1003 GRADE 50 (FY = 50 KSI)

4. ALL COLD-FORMED STEEL FRAMING SHALL BE BRACED AS REQUIRED BY SECTION D3 OF THE AISI SPECIFICATION.

5. SUBMIT COLD-FORMED STEEL FRAMING SHOP DRAWINGS AND SPECIFICATIONS TO THE SEOR FOR REVIEW PRIOR TO FABRICATION.

6. COLD-FORMED STEEL STUDS AND TRACKS ARE TO BE ATTACHED WITH SHEET METAL SCREWS (SMS) WITH SIZES CALLED OUT ON THE DETAILS. PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHOULD NOT BE LESS THAN 3 EXPOSED THREADS. SCREWS ARE TO BE INSTALLED AND TIGHTENED IN ACCORDANCE WITH SCREW MANUFACTURER'S RECOMMENDATIONS.

7. ALL HOLES FOR BOLTS SHOULD BE SHALL BE STANDARD HOLES.

8. GALVANIZED COATING SHALL COMPLY WITH ASTM A924.

9. COLD-FORMED STEEL FRAMING SHALL BE PER STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA), ICC ER-3064.

POST INSTALLED ANCHORS NOTES:

1. INSTALL POST-INSTALLED ANCHORS IN ACCORDANCE WITH THE APPLICABLE ICC-ES REPORT AND THE MANUFACTURER'S RECOMMENDATIONS.

2. ALL POST-INSTALLED ANCHORS SHALL BE TESTED PER CBC 1910A.5

3. APPLY PROOF TEST LOADS TO EXPANSION & ADHESIVE ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT & INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH & APPLY LOAD.

4. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE(S).

5. THE TESTING OF THE POST-INSTALLED ANCHORS SHALL BE DONE IN THE PRESENCE OF THE SPECIAL INSPECTOR AND A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO THE ENFORCEMENT AGENCY.

6. TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS.

7. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.

8. TESTING FREQUENCY:
   A. WHEN POST-INSTALLED ANCHORS ARE USED FOR SILL PLATE BOLTING APPLICATIONS, 10 PERCENT OF THE ANCHORS SHALL BE TESTED.
   B. WHEN POST-INSTALLED ANCHORS ARE USED FOR OTHER STRUCTURAL APPLICATIONS, ALL SUCH ANCHORS SHALL BE TESTED.
   C. WHEN POST-INSTALLED ANCHORS ARE USED FOR NONSTRUCTURAL COMPONENTS, SUCH AS EQUIPMENT ANCHORAGE, 50 PERCENT OR ALTERNATE BOLTS IN A GROUP, INCLUDING AT LEAST ONE-HALF THE ANCHORS IN EACH GROUP, SHALL BE TESTED.
   D. EXEMPTIONS:
      a. TESTING OF SHEAR DOWELS ACROSS COLD JOINTS IN SLABS ON GRADE, WHERE THE SLAB IS NOT PART OF THE LATERAL FORCE-RESISTING SYSTEM TESTING IS NOT REQUIRED.
      b. FOR POWER ACTUATED FASTENERS USED TO ATTACH TRACKS OF INTERIOR NON-SHEAR WALL PARTITIONS FOR SHEAR ONLY, WHERE THERE ARE AT LEAST THREE FASTENERS PER SEGMENT OF TRACK, TESTING IS NOT REQUIRED .

9. TEST ACCEPTANCE CRITERIA: ACCEPTANCE CRITERIA FOR POST-INSTALLED ANCHORS SHALL BE BASED ON AN APPROVED EVALUATION REPORT USING CRITERIA ADOPTED IN THE LATEST BUILDING CODE. FIELD TESTS SHALL SATISFY THE FOLLOWING MINIMUM REQUIREMENTS:
   A. HYDRAULIC RAM METHOD:
      a. ANCHORS TESTED WITH A HYDRAULIC JACK OR SPRING LOADED APPARATUS SHALL MAINTAIN THE TEST LOAD FOR A MINIMUM OF 15 SECONDS AND SHALL EXHIBIT NO DISCERNIBLE MOVEMENT DURING THE TENSION TEST, E.G., AS EVIDENCED BY LOOSENING OF THE WASHER UNDER THE NUT.
      b. FOR ADHESIVE ANCHORS, WHERE OTHER THAN BOND IS BEING TESTED, THE TESTING APPARATUS SUPPORT SHALL NOT BE LOCATED WITHIN 1.5 TIMES THE ANCHOR'S EMBEDMENT DEPTH TO AVOID RESTRICTING THE CONCRETE SHEAR CONE TYPE FAILURE MECHANISM FROM OCCURRING.

   B. TORQUE WRENCH METHOD:
      a. TORQUE-CONTROLLED POST-INSTALLED ANCHORS TESTED WITH A CALIBRATED TORQUE WRENCH SHALL ATTAIN THE SPECIFIED TORQUE WITHIN 1/2 TURN OF THE NUT; OR ONE-QUARTER(1/4) TURN OF THE NUT FOR A 3/8 INCH SLEEVE ANCHOR ONLY.
      b. SCREW-TYPE ANCHORS TESTED WITH A CALIBRATED TORQUE WRENCH SHALL ATTAIN THE SPECIFIED TORQUE WITHIN ONE-QUARTER (1/4) TURN OF THE SCREW AFTER INITIAL SEATING OF THE SCREW HEAD.

10. IF ANY ANCHOR FAILS TESTING, ALL ANCHORS OF THE SAME TYPE SHALL BE TESTED, WHICH ARE INSTALLED BY THE SAME TRADE, NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE ANCHORS PASS, THEN RESUME THE INITIAL TEST FREQUENCY.

11. WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER DRIVEN PINS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRESTRESSED CONCRETE (PRE- OR POST- TENSIONED) LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN.

12. TEST LOADS SHALL BE AS NOTED BELOW UNLESS NOTED OTHERWISE IN SPECIFIC DETAILS:

EPOXY/ADHESIVE ANCHOR PULL/TENSION TEST LOAD:

THREADED RODS (GRADE 36)

ROD DIA	TENSION TEST LOAD U.N.O.
3/8"	3,180 LBS
1/2"	5,652 LBS
5/8"	8,831 LBS
3/4"	12,717 LBS
7/8"	17,309 LBS
1"	22,608 LBS

REBAR (GRADE 60)

REBAR SIZE	TENSION TEST LOAD U.N.O.
#3	5,299 LBS
#4	9,420 LBS
#5	14,719 LBS
#6	21,195 LBS
#7	28,849 LBS
#8	37,680 LBS

SCREW/EXPANSION ANCHOR TORQUE TEST LOAD:
TORQUE TEST LOAD SHALL BE BASED ON AN APPROVED EVALUATION REPORT USING CRITERIA ADOPTED IN THE LATEST BUILDING CODE

POWDER-ACTUATED FASTENER (PAF):
POWDER-ACTUATED FASTENERS SHALL BE ONE OF THE FOLLOWING, U.N.O.:
HILTI X-U (ICC-ESR 2269) AT METAL,
HILTI X-CP72(ICC-ESR 2379) AT PTDF.

PROVIDE 0.08" THK X 1.1" SQUARE OR 1.425" ROUND WASHERS FOR ALL POWDER-ACTUATED FASTENERS.

FASTENER DIAMETER AND EMBEDMENT SHALL BE AS SPECIFICALLY DETAILED ELSEWHERE IN THE DRAWINGS.

STATEMENT OF SPECIAL INSPECTIONS (DSA):

1. THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.

2. SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. APPROVED FABRICATORS MUST SUBMIT A CERTIFICATE OF COMPLIANCE FOR OFFSITE FABRICATIONS SUCH AS STRUCTURAL STEEL, PRECAST CONCRETE, GLUED LAMINATED TIMBER, ETC.

3. ALL INSPECTIONS SHALL BE PERFORMED BY INDEPENDENT SPECIAL INSPECTORS. JOB SITE VISITS BY THE STRUCTURAL ENGINEER OR DSA DISTRICT STRUCTURAL ENGINER DO NOT CONSTITUTE AND ARE NOT A SUBSTITUTE FOR INSPECTIONS BY A SPECIAL INSPECTOR.

4. ALL INSPECTION REPORTS SHALL BE SUBMITTED TO DSA AND SEOR THE FINAL REPORTS BY THE SPECIAL INSPECTOR(S) MUST CERTIFY THAT THE ENTIRE STRUCTURAL SYSTEM COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS.

5. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT THESE INSPECTIONS ARE PERFORMED.

6. WORK REQUIRING SPECIAL INSPECTION SHALL BE INSPECTED BY THE SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS PERFORMED AND AT THE COMPLETION OF WORK. CONTINUOUS INSPECTION CONSISTS OF FULL-TIME INSPECTION; PERIODIC INSPECTION CONSISTS OF PART-TIME OR INTERMITTENT INSPECTION.

7. REFER TO DSA 103 SPECIAL INSPECTION FORM FOR ALL TEST AND INSPECTION REQUIRED, AS WELL AS CALIFORNIA BUILDING CODE CHAPTER 17A.

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DATE: 03/04/2026

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10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

LICENSED ARCHITECT
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Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: Author checked by: Checker

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GENERAL NOTES

drawing no.:

S-0.1

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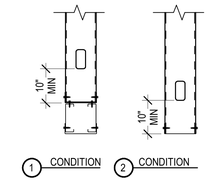
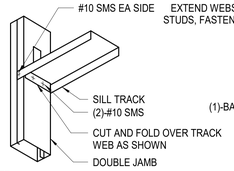
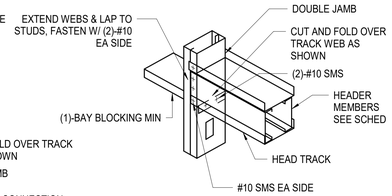
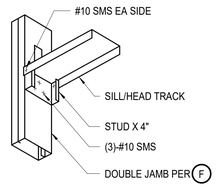


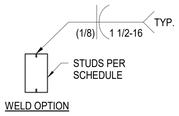
NON-BEARING - HEADER DIRECTLY OVER OPENING



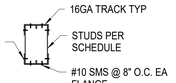
NOTE:
SEE DETAILS D & E FOR ALTERNATE CONNECTION AT CONTRACTORS OPTION.







WELD OPTION



SCREW OPTION

JAMB STUD SCHEDULE		
MAX OPENING "L" OR COMBINED OPENING L= L(RIGHT) + L (LEFT) AT ADJACENT OPENING	HT ≤ 16' - 0" (INTERIOR)	
	STUDS	CONN AT TOP TRACK
L ≤ 6' - 0"	(2) 400S162-33	SL400*
	(2) 600S162-33	SL600*
6' - 0" ≤ L ≤ 10' - 0"	(2) 400S162-33	SL400*
	(2) 600S162-43	SL600*
10' - 0" ≤ L ≤ 16' - 0"	(2) 400S162-43	SL400*
	(2) 600S162-43	SL600*

NOTES:
1. JAMB STUDS DEPTHS SHALL MATCH TYPICAL WALL STUD DEPTHS.
2. * DENOTES TSN (THE STEEL NETWORK) CLIPS. (ICC-ESR-2049)

F TYP. JAMB SHCEDULE

NOTES:
1. PROVIDE STUDS, TRACKS AND BRACING PER SCHEDULE BELOW:

METAL STUD SCHEDULE UNLESS NOTED OTHERWISE ON PLAN REF: STEEL STUD MANUFACTURER'S ASSOCIATION (ESR-3064)	
TRACK	NOMINAL STUD SIZE
BOTTOM TRACK	16 GA WITH 1 1/2" FLANGE (DEPTH TO MATCH STUD)
TOP TRACK	16 GA WITH 1 1/2" FLANGE (DEPTH TO MATCH STUD)

MAX HT FOR METAL STUDS @ 24" O.C. MAX

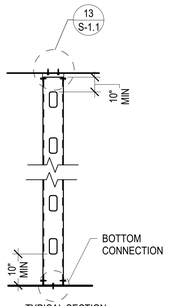
3 5/8" STUD WALL 362S162-54 (16 GA), MAX HT = 16'-4"
4" STUD WALL 400S162-43 (18 GA), MAX HT = 16'-6"
6" STUD WALL 600S162-33 (20 GA), MAX HT = 20'-5"

HEADER BEAM SCHEDULE

SPAN "L"	CONDITION	LINTEL SIZE
≤ 4'-0"	DET. A - 2	16 GA TRACK, WIDTH TO MATCH
> 4'-0" ≤ 8'-0"	DET. A - 1	(2) 6"X20 GA METAL STUDS (600S162-33)
> 8'-0" ≤ 12'-0"	DET. A - 1	(2) 6"X18 GA METAL STUDS (600S162-43)
> 12'-0" ≤ 16'-0"	DET. A - 1	(2) 8"X16 GA METAL STUDS (800S162-54)

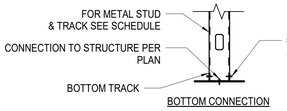
2. ALL STUDS AND TRACKS SHALL CONFORM TO ASTM A1003.
   a. 18GA AND LIGHTER: MINIMUM YIELD POINT OF 33 KSI
   b. 16GA AND HAVIER: MINIMUM YIELD POINT OF 50 KSI.
   c. ALL STUDS AND TRACKS SHALL BE MANUFACTURED BY CURRENT MEMBERS OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA) LISTED IN ICC REPORT NO. ESR-3064. ALL STUDS AND TRACKS SHALL COMPLY WITH ICC REPORT NO. ESR-3064.
3. ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY OR ON ANGLE (SUCH AS BRACING) TO SQUARELY FIT AGAINST ABUTTING MEMBERS. MEMBERS SHALL BE HELD FIRMLY POSITION UNTIL PROPERLY FASTENED.
4. STUD AND TRACKS SHALL BE ATTACHED BY WELDING AND SHEET METAL SCREWS AS NOTED ON THE DRAWINGS.
5. MANUFACTURER PROVIDED PUNCH-OUTS MAY BE LOCATED ALONG THE CENTERLINE OF THE WEBS OF THE FRAMING MEMBERS. PUNCH-OUTS SHALL HAVE A MINIMUM CENTER-TO-CENTER SPACING OF 24". PUNCH-OUT SHALL HAVE A MAXIMUM WIDTH OF HALF THE MEMBER DEPTH OR 2 1/2", WHICHEVER IS LESS, AND MAXIMUM LENGTH OF 4 1/2".
6. SPLICES IN STUDS AND BRACES SHALL NOT PERMITTED.
7. ALL FRAMING SHALL BE COORDINATED WITH GLAZING MANUFACTURERS, MECHANICAL, ELECTRICAL, PLUMBING AND OTHER TRADES.
8. PROVIDE 0.08" THICK x 1.1" SQUARE OR 1.425" ROUND WASHERS FOR ALL POWDER ACTUATED FASTENERS.
9. LOCATE PUNCHOUTS 10" CLEAR OF CONNECTIONS. IF PUNCH IS CLOSTER THAN 10" TO CONNECTION, SEE DETAIL 13 / S-1.1 DET "C"

A HEADER DETAIL



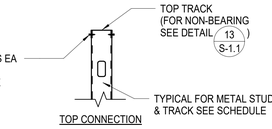
TYPICAL SECTION

B DETAIL



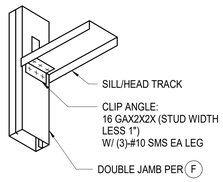
BOTTOM CONNECTION

C DETAIL

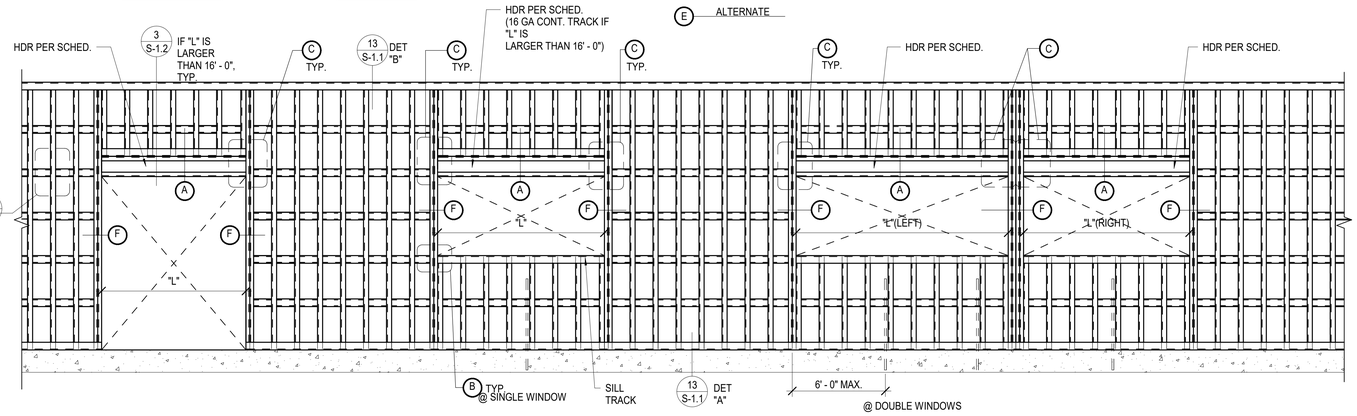


TOP CONNECTION

D ALTERNATE



E ALTERNATE



5 S-1.1 TYPICAL NON-BEARING AND MTL STUD SCHED. & WALL FRAMING (INTERIOR)

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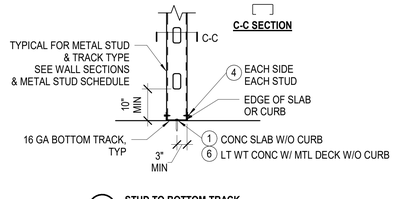
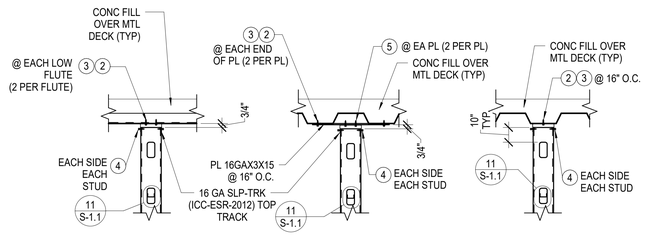


A STUD TO BOTTOM TRACK

NOTES:
1. FOR STEEL STUD AND TRACK TYPE SEE PLANS, SECTIONS AND METAL STUD SIZE SCHEDULE ON DETAIL 5 / S-1.1
2. FOR METAL STUD FASTENERS, SEE METAL STUD FASTENER SCHEDULE.
3. ALL POWER DRIVEN FASTENERS TO HAVE A MINIMUM PENETRATION OF 1 1/4".

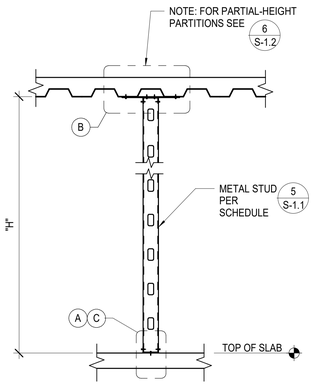


STUD PERPENDICULAR TO STEEL DECK

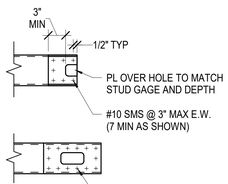
STUD PARALLEL TO STEEL DECK BETWEEN FLUTES

STUD PARALLEL TO STEEL DECK ON FLUTE

B STUD TO DECK DETAIL



METAL STUD ELEVATION



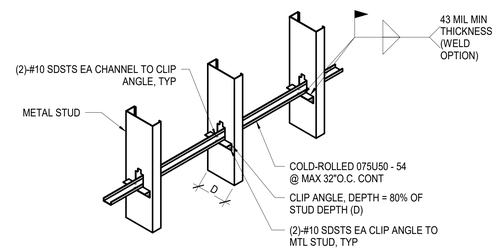
C REINF OF STUD AT PUNCHOUT

METAL STUD FASTENER SCHEDULE		
MARK	FASTENERS SIZE & SPACING	REMARKS
1	HILTI 0.157" DIA. X-U SHOT PIN @ 32" O.C. W/ 1 1/2 " MIN EMBED	ESR-2269
2	HILTI 0.157" DIA. X-U SHOT PIN @COMPOSITE DECK W/ 1 1/2" MIN EMBED	ESR-2269
3	#10 SMS AT ROOF METAL DECK	ESR-1408
4	#10 SHEET METAL SCREW	ESR-1408
5	#12 SHEET METAL SCREW	ESR-1408
6	HILTI KH-EZ 1/4" X 1.18" EMBED. SCREW ANCHOR @ 24" O.C.	ESR-3027

PAF: POWDER ACTUATED FASTENER (LOW VELOCITY) OR POWER DRIVEN FASTENER.

HOLES FOR A.B. SHALL BE 1/16" LARGER THAN BOLT SIZE.

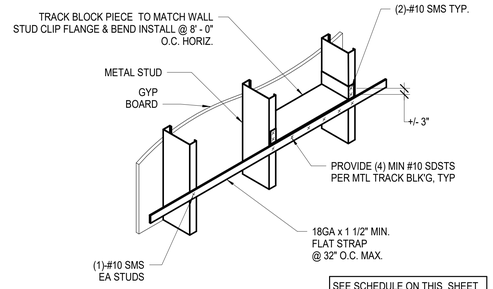
NOTES:
1. MAXIMUM STUD HEIGHT "H" FOR STUDS @ 16" O.C. PER SCHEDULE 5 / S-1.1
2. SEE ARCHITECTURAL FOR OTHER CONDITIONS.
3. LIMIT PER (2022 CBC TABLE 1604A.3)
   L/360 - W/ PLASTER AND STUCCO FINISHES.
   L/240 - W/ OTHER BRITTLE FINISHES.
   L/120 - W/ FLEXIBLE FINISHES.
4. STUDS CARRYING EQUIPMENT OR CASEWORK WEIGHING 40 LBS OR MORE SHALL BE 16 GA MIN.



SEE SCHEDULE ON THIS SHEET FOR METAL STUD & TRACK SIZES

11 S-1.1 BRIDGING CHANNEL W/ CLIP ANGLE (WITHOUT PLYWOOD/GYP BOARD)

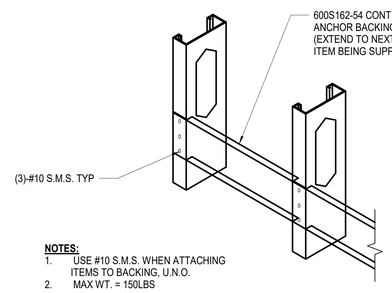
SCALE: N.T.S.



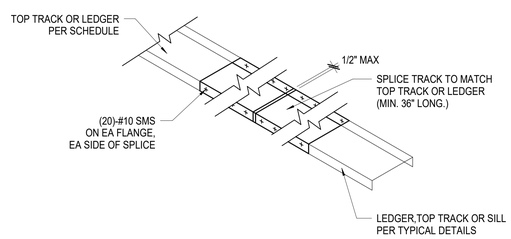
SEE SCHEDULE ON THIS SHEET FOR METAL STUD & TRACK SIZES

12 S-1.1 SINGLE FLAT STRAP BRIDGING W/ BLK'G (W/ PLYWOOD/GYP BOARD ON ONE SIDE)

SCALE: N.T.S.



NOTES:
1. USE #10 S.M.S. WHEN ATTACHING ITEMS TO BACKING, U.N.O.
2. MAX WT. = 150LBS



13 S-1.1 STEEL STUD BRACING DETAIL (INTERIOR ONLY)

SCALE: N.T.S.

15 S-1.1 BACKING DETAIL

SCALE: N.T.S.

16 S-1.1 TOP TRACK, LEDGER & SILL SPLICE DETAIL

SCALE: N.T.S.

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10920 VIA FRONTERA, SUITE 300

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tBP project number: tBP No: 21182.00

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S-1.1

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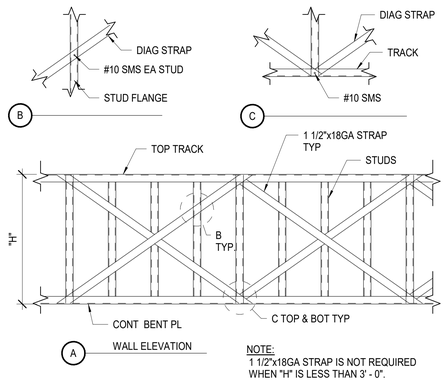


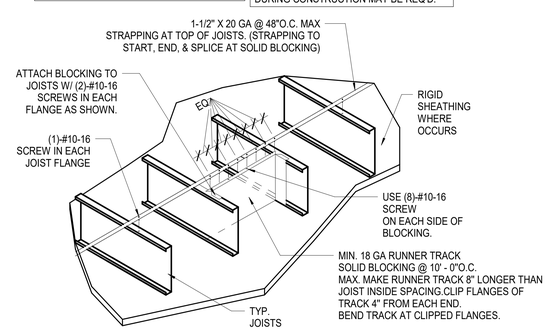
NOTE:
1 1/2"x18GA STRAP IS NOT REQUIRED WHEN "H" IS LESS THAN 3' - 0".

1 S-1.2 IN-PLANE BRACING

SCALE: N.T.S.

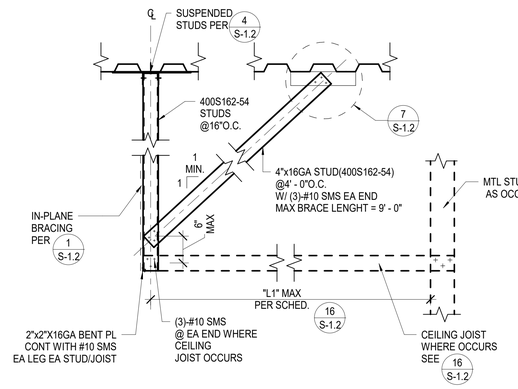
BLOCKING NOTE:
PLACE SOLID BLOCKING AT ENDS OF FLOOR SYSTEM, ADJACENT TO ALL OPENINGS, AND AT 10' - 0"O.C. MAX.

STRAP NOTE:
TOP STRAP NOT REQ'D. IF CONTINUOUSLY ATTACHED RIGID SHEATHING IS USED. TEMPORARY BRACING OF TOP FLANGE DURING CONSTRUCTION MAY BE REQ'D.



2 S-1.2 CEILING JOISTS FLANGE BRACING

SCALE: N.T.S.



3 S-1.2 STUD BRACING (INTERIOR ONLY)

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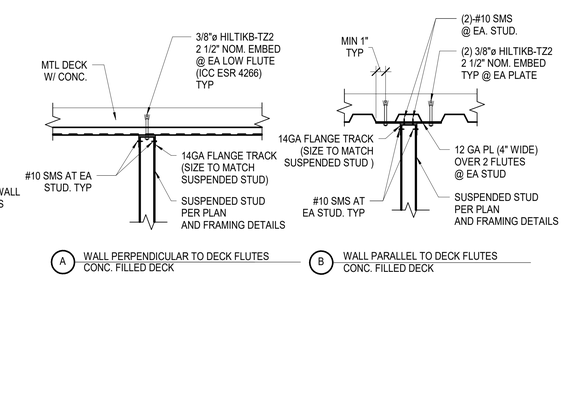

4 S-1.2 SUSPENDED STUD TO METAL DECK

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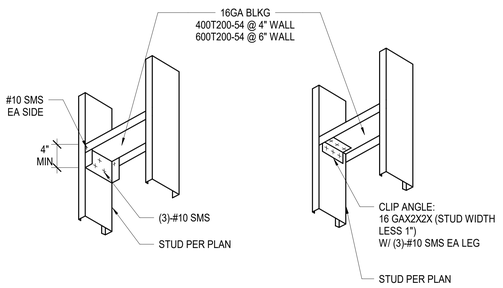

5 S-1.2 NON-STRUCTURAL BLOCKING

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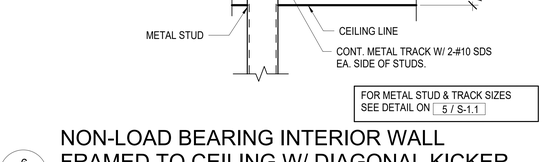

6 S-1.2 NON-LOAD BEARING INTERIOR WALL FRAMED TO CEILING W/ DIAGONAL KICKER

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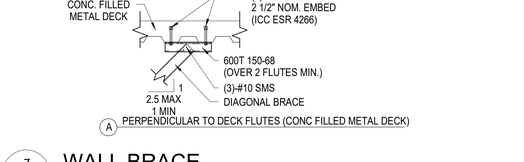
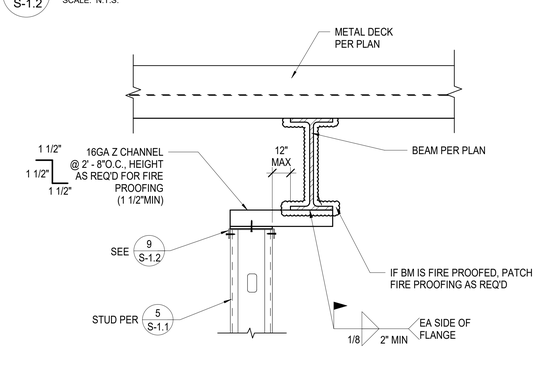


7 S-1.2 WALL BRACE

SCALE: N.T.S.

8 S-1.2 INTERIOR CEILING FRAMING

SCALE: N.T.S.

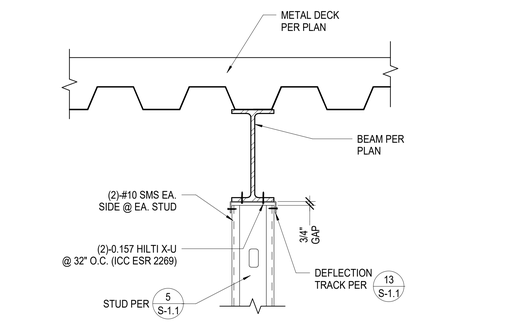


9 S-1.2 DEFLECTION TRACK ASSEMBLY DOUBLE DEFLECTION TRACK

SCALE: N.T.S.

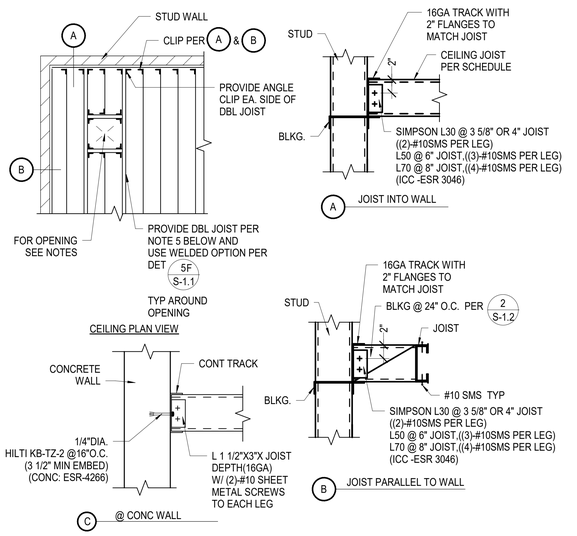
10 S-1.2 TYP WALL BRACE NEAR BM (INTERIOR ONLY)

SCALE: N.T.S.



11 S-1.2 TYP TOP TRACK AT WALL UNDER BEAM

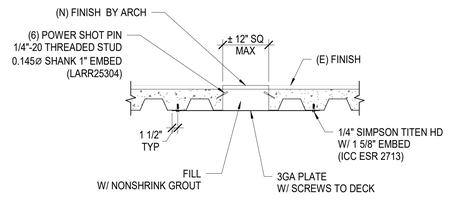
SCALE: N.T.S.



INTERIOR METAL CEILING JOIST SCHEDULE					
NOMINAL SIZE	SSMA PRODUCT IDENTIFICATION	Ixx(IN⁴)	Sxx(IN³)	SPACING (IN)	MAXIMUM SPAN (L1)
3 5/8"x20GA	362S162-33	0.551	0.304	16	8' - 6"
4"x18GA	400S162-43	0.892	0.446	16	9' - 6"
6"x18GA	600S162-43	2.316	0.772	16	11' - 0"
8"x18GA	800S162-43	4.633	1.158	16	12' - 0"

NOTES:

1. JOIST AND TRACK DESIGNATIONS ARE BASED ON STEEL STUD MANUFACTURER'S ASSOCIATION (ICC ER-3064).
2. DESIGN LOADS:
   DEAD LOAD = 20 PSF
3. SEE TYP. CEILING JOIST FRAMING DETAIL 8 / S-1.2
5. WHERE JOIST IS CUT, PROVIDE DOUBLE JOIST TO ADJ. CEILING JOIST NEXT TO CUT JOIST (DO NOT CUT MORE THAN ONE JOIST).
6. SEE DETAIL 2 / S-1.2 FOR BRACING REQUIREMENTS.



14 S-1.2 (E) OPN'G PLUG (CONC FILLED MTL DECK)

SCALE: N.T.S.

16 S-1.2 MTL CEILING JOIST SCHED (INTERIOR ONLY)

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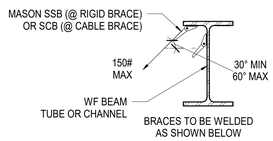
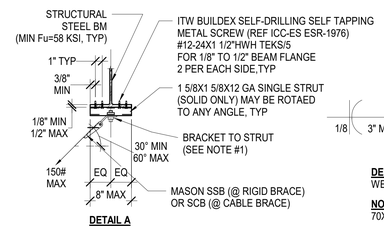
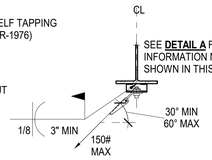


SEISMIC BRACKET WELDED ATTACHMENT TO A STRUCTURAL STEEL BEAM



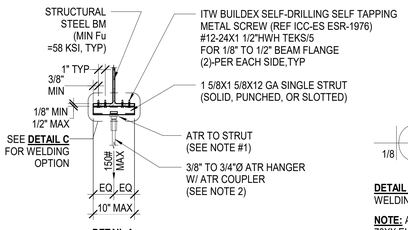
DETAIL A



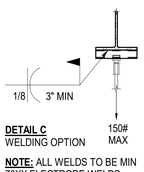
DETAIL C
WELDING OPTION

NOTE: ALL WELDS TO BE MIN 70XX ELECTRODE WELDS

SEISMIC BRACKET ATTACHMENT TO STEEL BEAM WITH SELF-DRILLING FASTENERS OR WELDING



DETAIL A



DETAIL C
WELDING OPTION

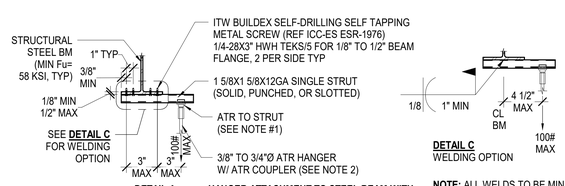
NOTE: ALL WELDS TO BE MIN 70XX ELECTRODE WELDS

HANGER ATTACHMENT TO STEEL BEAM WITH SELF-DRILLING SELF-TAPPING METAL SCREWS

DETAIL NOTES:

1. ATR/BRACKET TO STRUT: SHALL BE 3/16" x 1 5/8" SQ WASHER WITHIN THE STRUT WITH MASON WEST SSN-1/2 WITH MW-BON-1/2 TORQUED UNTIL THE NUT BREAKS OFF
2. ATR COUPLER: SHALL BE REGULAR OR REDUCING ROD COUPLER (ENGAGE MW-SSN-1/2 BY 1/2" MIN & ATR BY DIMENSION OF ATR, MIN)

13 S-1.3 HANGER AND BRACE ATTACHMENT TO STRUCTURE
SCALE: N.T.S.

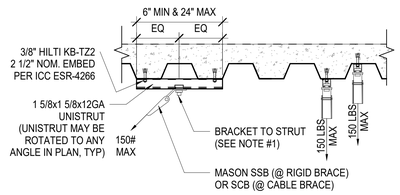


DETAIL A

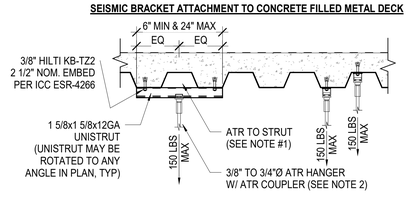
HANGER ATTACHMENT TO STEEL BEAM WITH SELF-DRILLING SELF-TAPPING METAL SCREWS

DETAIL C
WELDING OPTION

NOTE: ALL WELDS TO BE MIN 70XX ELECTRODE WELDS

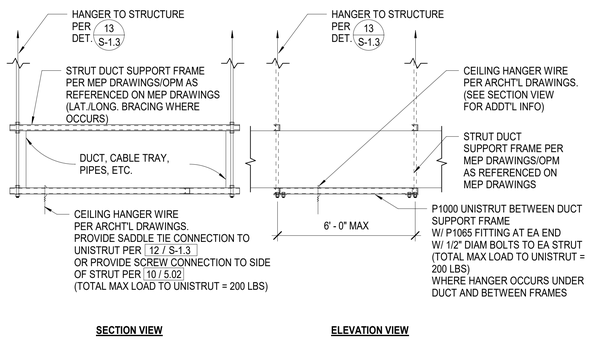


SEISMIC BRACKET ATTACHMENT TO CONCRETE FILLED METAL DECK



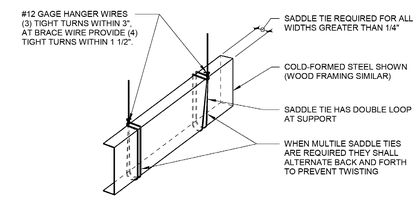
HANGER ATTACHMENT TO CONCRETE FILLED METAL DECK

15 S-1.3 CEILING HANGER AT OBSTRUCTION
SCALE: N.T.S.

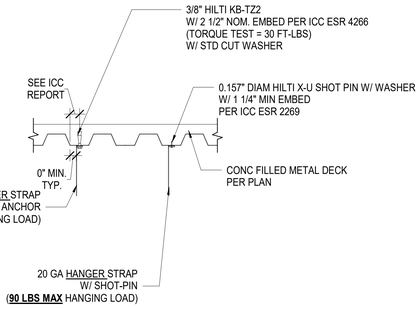


SECTION VIEW **ELEVATION VIEW**

16 S-1.3 DUCT HANGER STRAP AT CONC FILLED DECK
SCALE: N.T.S.



12 S-1.3 TYP CEILING JOIST HANGER SADDLE TIE
SCALE: N.T.S.



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tBP architecture planning interiors

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S-1.3

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GENERAL LEGEND

SYMBOL	DESCRIPTION
	NOTE CALLOUT
	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN
	MECHANICAL EQUIPMENT CALLOUT, SEE MECHANICAL PLANS FOR EXACT LOCATION AND REQUIREMENTS
	SECTION CALLOUT
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	NEW LINEWORK
	EXISTING LINEWORK
	DEMOLITION LINEWORK
	DIRECTION OF FLOW
10"Ø CD-1 100 CFM	DIFFUSER LABEL - NECK SIZE AND DIFFUSER TYPE - CUBIC FEET PER MINUTE

DUCTWORK LEGEND

SYMBOL	DESCRIPTION
16"x12"	SHEET METAL DUCT
16"x12"	HIDDEN SHEET METAL DUCT
16"x12" (1"L)	INTERNALLY INSULATED SHEET METAL DUCT CLEAR INSIDE DIMENSION SHOWN, LINER THICKNESS IN PARENTHESIS
	STANDARD BRANCH FOR SUPPLY AND RETURN
	ROUND ELBOW DOWN
	ROUND ELBOW UP
	RECTANGULAR TO ROUND TRANSITION
8"	FLEXIBLE DUCT
	BALANCING DAMPER
	SUPPLY DIFFUSER: 1-WAY/2-WAY/3-WAY/4-WAY
	GRILLE: RETURN/EXHAUST
	SINGLE DUCT VAV BOX WITH REHEAT COIL

PIPING LEGEND

SYMBOL	DESCRIPTION
4" CHWR	NEW PIPING (SIZE-SERVICE)
(E) 4" CHWR	EXISTING PIPING (SIZE-SERVICE)
	ELBOW FACING AWAY FROM VIEWER
	ELBOW FACING TOWARD VIEWER
	TEE FACING AWAY FROM VIEWER
	TEE FACING TOWARD VIEWER
	GATE VALVE W/ ACTUATOR
	THREE-WAY VALVE W/ ACTUATOR

CONTROL LEGEND

SYMBOLS	DESCRIPTION
XX	DDC PHYSICAL POINT
XX	SENSOR
XX	SWITCH
COMM	COMMUNICATION GATEWAY CONNECTION TO DDC
ECM	ELECTRONICALLY COMMUTATED MOTOR
VFD	VARIABLE FREQUENCY DRIVE
	ELECTRONIC 3-WAY VALVE
	ELECTRONIC 2-WAY VALVE
	ELECTRONIC BUTTERFLY VALVE
	DAMPER WITH ACTUATOR, OPPOSED BLADE
	DAMPER WITH ACTUATOR, PARALLEL BLADE
C C	COOLING COIL
H C	HEATING COIL
	AIR FILTER BANK
TS	AVERAGING AIR TEMPERATURE SENSOR
	FIELD CONTROL WIRING
	FIELD POWER WIRING

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
(E)	EXISTING
AAV	AUTOMATIC AIR VENT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
BD	BLOWDOWN
BDD	BACK DRAFT DAMPER
BFC	BELOW FINISHED CEILING
BFP	BACK FLOW PREVENTER
BHP	BREAK HORSEPOWER
BLDG	BUILDING
BOB	BOTTOM OF BEAM
BOP	BOTTOM OF PIPE
BTU	BRITISH THERMAL UNIT
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CI	CAST IRON
CL	CENTER LINE
CP	CONDENSATE PUMP
CT	COOLING TOWER
CU	CONDENSING UNIT
CV	CONSTANT VOLUME BOX
CWFR	CONDENSER WATER FILTER RETURN
CWFS	CONDENSER WATER FILTER SUPPLY
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
DB	DRY BULB
DEG	DEGREES
DIA	DIAMETER
DL	DOOR LOUVER
DN	DOWN
DX	DIRECT EXPANSION
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EFF	EFFICIENCY
EL	ELEVATION
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
FD	FIRE DAMPER
FG	FILTER GRILLE
FLA	FULL LOAD AMPS
FLR	FLOOR
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FSD	FIRE SMOKE DAMPER
FT	FEET OR FOOT
FX	FLEXIBLE CONNECTION
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HD	HEAD
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HP	HEAT PUMP
HP	HORSEPOWER

ABBREVIATION	DESCRIPTION
HT	HEIGHT
HZ	HERTZ
ID	INSIDE DIAMETER
IN	INCHES
KW	KILOWATTS
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LF	LINEAR FEET
LIQ	LIQUID
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPS
MH	MANHOLE
MIN	MINIMUM
MOCP	MAXIMUM OVERLOAD CIRCUIT PROTECTION
NFA	NET FREE AREA
NIC	NOT IN CONTRACT
NPSHR	NET POSITIVE SUCTION HEAD REQUIRED
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER
PD	PRESSURE DROP
PERF	PERFORATED
PH	PHASE
POD	POINT OF DISCONNECT
PR	PRESSURE RELIEF
PRV	PRESSURE REDUCING VALVE
PSID	POUNDS PER SQUARE INCH DIFFERENTIAL
PSIG	POUNDS PER SQUARE INCH GAUGE
PVC	POLYVINYL CHLORIDE
RA	RETURN AIR
RF	RETURN FAN
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SF	SUPPLY FAN
SPEC	SPECIFICATION
SS	STAINLESS STEEL
STD	STANDARD
TAD	TRANSFER AIR DUCT
TDH	TOTAL DYNAMIC HEAD
TEFC	TOTALLY ENCLOSED FAN COOLED
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UC	UNDERCUT
V	VOLTS
VAP	VAPOR
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VTR	VENT THRU ROOF
W/	WITH
W/O	WITHOUT
WB	WET BULB
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
WT	WEIGHT
°F	DEGREES FAHRENHEIT

IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED, REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY STANDARD ABBREVIATIONS AND OTHER STANDARD INDUSTRY CONVENTIONS.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE 2022 EDITIONS OF THE CALIFORNIA BUILDING, MECHANICAL, PLUMBING, AND OTHER APPLICABLE FEDERAL, STATE, OR LOCAL CODES AS ADOPTED AND ENFORCED BY THE LOCAL JURISDICTION. IN CASE THE PLANS SHOW MORE STRINGENT REQUIREMENTS, THE PLANS SHALL GOVERN THE DESIGN, YET NOTHING ON THE DESIGN DOCUMENTS SHALL BE INTERPRETED AS AUTHORITY TO VIOLATE CODE(S) OR REGULATION(S).
2. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
3. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DRAWINGS AND SPECIFICATIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.
4. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.
5. NO PIPING, EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW WITH THE OWNER TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS NOT WITHIN THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL OR DISCONNECTION, SUFFICIENT ADVANCE NOTICE MUST BE GIVEN TO THE OWNER INDICATING WHICH AREAS WILL BE AFFECTED, WHEN THE PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.
6. THE ARRANGEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS. THIS CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE MAKING FIELD MEASUREMENTS AND SHOP DRAWINGS NECESSARY FOR FABRICATION OR ERECTION OF HVAC SYSTEMS. MAKE ALLOWANCE FOR BEAMS, PIPES AND OTHER OBSTRUCTIONS IN BUILDING CONSTRUCTION. CHECK DRAWINGS SHOWING WORK OF OTHER TRADES AND CONSULT WITH THE OWNERS REPRESENTATIVE IN THE EVENT OF POTENTIAL INTERFERENCE. SHOP DRAWINGS SHALL BE MINIMUM 1/4"=1'-0" SCALE, INDICATING FITTINGS, SIZES, WELDS AND CONFIGURATIONS AND SUBMITTED TO ENGINEER FOR REVIEW.
7. EXISTING MATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS.
8. ALL EQUIPMENT SHALL BE INSTALLED IN COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
9. THIS CONTRACTOR SHALL NOT BORE, NOTCH, CUT, OR PENETRATE INTO A STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM A DESIGNATED STRUCTURAL ENGINEER AND THE OWNER.
10. ALL PIPE ELBOWS SHALL BE LONG RADIUS UNLESS OTHERWISE SPECIFICALLY NOTED ON THE DRAWINGS.
11. INSTALL MANUAL VOLUME DAMPERS WITHIN DUCT BRANCHES TO BALANCE AIRFLOW CFM. ON INSULATED DUCTS, MOUNT DAMPER REGULATOR ON 2" STAND-OFF BRACKET TO CLEAR INSULATION.
12. MATERIALS EXPOSED WITHIN DUCTS OR PLENUMS SHALL NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25 AND A SMOKE-DEVELOPED INDEX NOT TO EXCEED 50, WHERE TESTED AS AS A COMPOSITE PRODUCT IN ACCORDANCE WITH ASTM E84 OR UL 723. PLASTIC PIPING INSTALLED IN PLENUMS SHALL BE TESTED IN ACCORDANCE WITH ALL REQUIREMENTS OF ASTM E84 OR UL 723. MOUNTING METHODS, SUPPORTS AND SAMPLE SIZES OF MATERIALS FOR TESTING THAT ARE NOT SPECIFIED IN ASTM E84 OR UL 723 SHALL BE PROHIBITED. COMPLY WITH CMC-602.2.
13. COORDINATE ACCESS TO EQUIPMENT WITH WORK OF OTHER TRADES. PROVIDE DUCT ACCESS DOORS AND CEILING ACCESS DOORS TO ALLOW ACCESS FOR FILTER CHANGEOUT, CONTROLS ACCESS AND ACCESS TO SERVICE/REMOVE COMPONENTS INCLUDING, BUT NOT LIMITED TO, FANS, PULLEYS, SHEAVES, BELTS, ETC.

CONTROL ABBREVIATIONS

ABBREVIATION	DESCRIPTION
A	ALARM
AFMS	AIRFLOW MONITORING STATIONS
AI	ANALOG INPUT
AO	ANALOG OUTPUT
CS	CURRENT SWITCH
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
DP	DIFFERENTIAL PRESSURE
FM	FLOW METER
FS	FLOW SWITCH
HOA	HANDS-OFF-AUTO
KW	KILOWATTS
LA	LEVEL ALARM
MOD	MOTOR OPERATED DAMPER
NC	NORMALLY CLOSED
NO	NORMALLY OPEN

ABBREVIATION	DESCRIPTION
PS	PRESSURE SWITCH
PT	PRESSURE TRANSMITTER
RH	RELATIVE HUMIDITY
S	STATUS
SC	SPEED CONTROL
SI	SPEED INDICATOR
SP	SETPOINT
SS	START/STOP
T	TEMPERATURE
TI	TEMPERATURE INDICATOR
VA	DAMPER/VALVE ACTUATOR
VP	VELOCITY PRESSURE
VSH	VIBRATION SWITCH
ZC	CLOSED END SWITCH
ZI	POSITION INDICATOR
ZO	OPEN END SWITCH

IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED, REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY STANDARD ABBREVIATIONS AND OTHER STANDARD INDUSTRY CONVENTIONS.

SHEET INDEX

SHEET	DESCRIPTION
M001	NOTES, LEGENDS, ABBREV. & INDEX
M002	SCHEDULES
M201	OVERALL 2ND FLOOR PLAN
M202	OVERALL ROOF PLAN
M301	ENLARGED 2ND FLOOR DUCTING PLAN
M302	ENLARGED 2ND FLOOR PIPING PLAN
M501	VAV CONTROL DIAGRAMS
M502	NETWORK DIAGRAMS
M601	DETAILS
M602	DETAILS
M701	TITLE 24 COMPLIANCE FORMS
M702	TITLE 24 COMPLIANCE FORMS
M703	TITLE 24 COMPLIANCE FORMS
M704	OVERALL 2ND FLOOR ZONE PLAN
MD101	ENLARGED 2ND FLOOR DEMO PLAN
MD102	ENLARGED 2ND FLOOR PIPING DEMO PLAN

DSA NOTES

MEP COMPONENT ANCHORAGE NOTE:

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26, AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE AABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE:

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7 SECTION 13.3 AS DEFINED IN ASCE 7 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8 AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

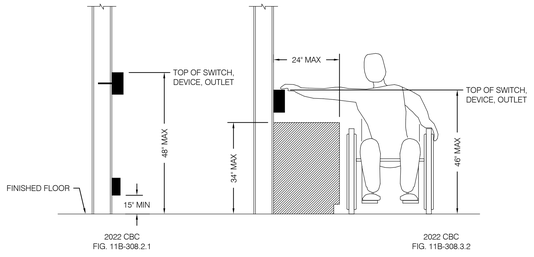
THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. THE MEP DESIGN PROFESSIONAL ENGINEER RESPONSIBLE FOR CONTENT ON THESE SHEETS HAS VERIFIED THAT THE DESIGN METHODS IDENTIFIED BELOW ARE IN ACCORDANCE WITH DSA IR 16-13.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEM (E):

MP [x] MD [x] PP [ ] E [ ] OPTION 1:PROJECT-SPECIFIC DESIGN.

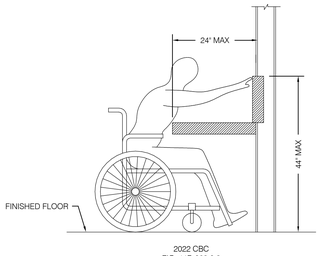
MP [ ] MD [ ] PP [ ] E [ ] OPTION 2: DESIGN BASED ON OSHPD OPM, WITHIN PROJECT SUBMITTAL.

MP [ ] MD [ ] PP [ ] E [ ] OPTION 3: DESIGN BASED ON OSHPD OPM, DEFERRED SUBMITTAL.



2022 CBC
FIG. 11B-308.2.1

2022 CBC
FIG. 11B-308.3.2



2022 CBC
FIG. 11B-308.2.2

NOTES

1. THIS DETAIL APPLIES TO MOUNTING OF ANY MECHANICAL AND ELECTRICAL DEVICE WHICH CONTAINS AN OPERABLE PART THAT IS ADJUSTABLE BY THE OCCUPANT. THIS DOES NOT APPLY TO SENSORS OR CONTROLS THAT ARE ONLY ADJUSTABLE THROUGH THE BUILDING AUTOMATION SYSTEM (IE: TEMPERATURE AND HUMIDITY SENSORS).

1 MOUNTING HEIGHT OVER OBSTRUCTION

NO SCALE

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M001

EXISTING AIR HANDLING UNIT - FOR REFERENCE

MARK	MANUFACTURER & MODEL	TYPE	SERVICE	LOCATION	SUPPLY FAN								RETURN FAN								COOLING COIL															FILTERS		ELECTRICAL				OPERATING WEIGHT LBS.	CODE OSA CFM	CODE MIN (DCV) OSA	
					QTY	TOTAL CFM	TSP IN WC	ESP IN WC	RPM	MOTOR			QTY	TOTAL CFM	TSP IN WC	ESP IN WC	RPM	MOTOR			FV FPM	MBH		AIR SIDE				WATER SIDE				COIL DESCRIPTION														
										BHP	HP	RPM						BHP	HP	RPM		TOTAL MBH	SENS. MBH	EAT °F		LAT °F		ΔP IN. WC	GPM	EWT °F	LWT °F	ΔP FT.	QTY	SIZE INCHES (HxW)	ROWS/ FPI	MERV	QUANTITY/ SIZE	FLA	MCA	MOCP	V/Ø				
																								DB	WB	DB	WB																		
(E)AHU-2	HAAKON	CUSTOM	1ST, 2ND FLOOR EAST	ROOF	4	14,350	3.34	1.9	3,500	3.9 (TYP 4)	7.5 (TYP 4)	3,500	2	12,350	1.65	1.2	2,173	3.8 (TYP 2)	5 (TYP 2)	1,750	398	546.6	464.2	81	64.6	54.6	53.1	0.29	63.3	42	59.2	11.2	2	30x97	5/10	13	8/24x24 6/24x12	105	137.0	150.0	208/3	11,200	6,350	3,130	1

1 TAB CONTRACTOR TO REBALANCE RA CFM, SA CFM, AND OSA CFM AS NOTED ON SCHEDULE.

VAV BOX

MARK	MANUFACTURER & MODEL	LOCATION	SERVICE	INLET SIZE (IN)	DCV Y/N	AIRFLOW			HEATING COIL								ATTACHMENT DETAIL	REMARKS
									AIR SIDE				WATER SIDE					
						MAX (CFM)	MIN (CFM)	MAX HTG (CFM)	HTG (MBH)	EAT (°F)	LAT (°F)	MAX PD (IN)	GPM	EWT (°F)	LWT (°F)	MAX PD (FT)	ROWS	
VAV 2-01	TITUS DESV	WORKROOM 207	WORKROOM 207	6	N	250	45	45	0.7	55	70	0.02	0.04	180	140	0.01	1	1/M601	1
VAV 2-02	TITUS DESV	OFFICE 206	OFFICE 206	6	N	400	60	60	1.0	55	70	0.02	0.05	180	140	0.01	1	1/M601	1
VAV 2-03	TITUS DESV	CORRIDOR 208	CONFERENCE 209	10	Y	730	300	300	6.7	55	76	0.1	0.3	180	140	0.22	1	1/M601	1
VAV 2-04	TITUS DESV	WAITING 205	WAITING 205 CORRIDOR 208	10	N	700	210	210	3.4	55	70	0.11	0.2	180	140	0.03	1	1/M601	1
VAV 2-05	TITUS DESV	OPEN OFFICE 211	OPEN OFFICE 211	10	N	700	145	145	3.9	55	80	0.11	0.2	180	140	0.03	1	1/M601	1
VAV 2-06	TITUS DESV	OPEN OFFICE 211	FOUNDATION DIRECTOR 210	8	N	410	90	110	3.6	55	85	0.11	0.2	180	140	0.03	1	1/M601	1
VAV 2-29	TITUS DESV	OPEN OFFICE 211	OFFICES 204,203 AND 202	10	N	750	145	180	5.9	55	85	0.13	0.3	180	140	0.08	1	1/M601	1 2
VAV 2-30	TITUS DESV	OPEN OFFICE 211	PRESIDENT 201	8	N	460	90	200	6.5	55	85	0.13	0.3	180	140	0.08	1	1/M601	1 2

1 VAVS TO INCLUDE AN INTEGRAL 120V/24V TRANSFORMER AND TOGGLE DISCONNECT. 2 PROVIDE 3-WAY VALVE.

GRILLES, REGISTERS, DIFFUSERS

MARK	MANUFACTURER & MODEL	MATERIAL	BORDER	FRONT BLADES	DAMPER	FINISH	SIZE	REMARKS
SG-1	TITUS OMNI	ALUMINUM	SURFACE MOUNT	LOUVERED	NO	WHITE	24"X24"	SEE PLANS FOR NECK SIZE.
SG-2	TITUS FT15	ALUMINUM	SURFACE MOUNT	SLOT	NO	BLACK	1 SLOT 60"x3-6/5"	SEE PLANS FOR NECK SIZE.
RG-1	TITUS PAR	ALUMINUM	FLUSH FACE	PERFORATED	NO	WHITE	24"X24"	SEE PLANS FOR NECK SIZE.

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tBP project number: tBP No: 21182.00

file name:

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drawing title:

SCHEDULES

drawing no.:

M002

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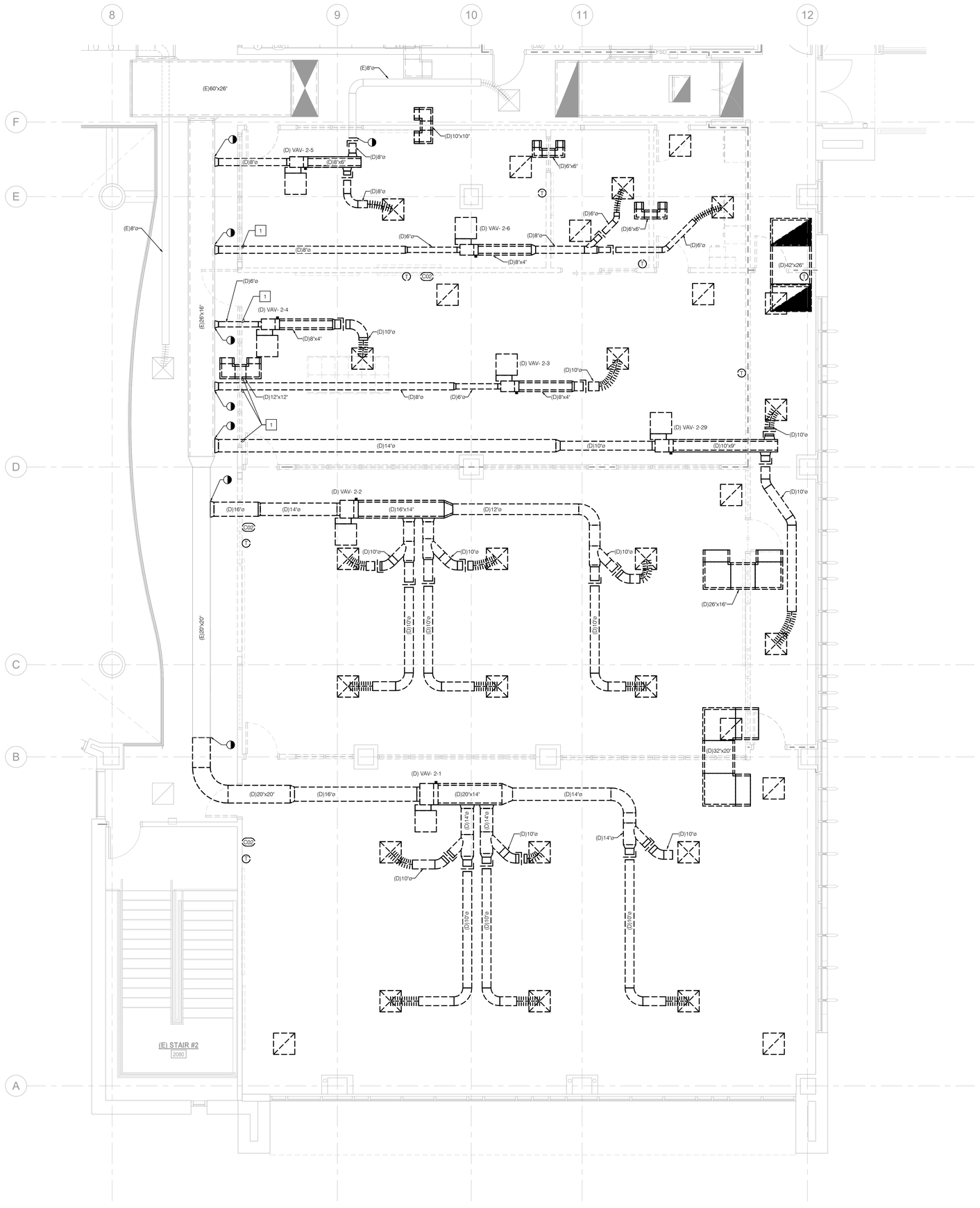

GENERAL NOTES

1. REMOVE ALL VAV BOXES, DUCTWORK, SUPPORTS, AIR TERMINALS, SENSORS AND ASSOCIATED APPURTENANCES.

NOTES

1 PATCH WALL OPENING ABOVE THE CEILING.

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drawing title:
ENLARGED 2ND FLOOR DEMO PLAN

drawing no.:
MD101

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

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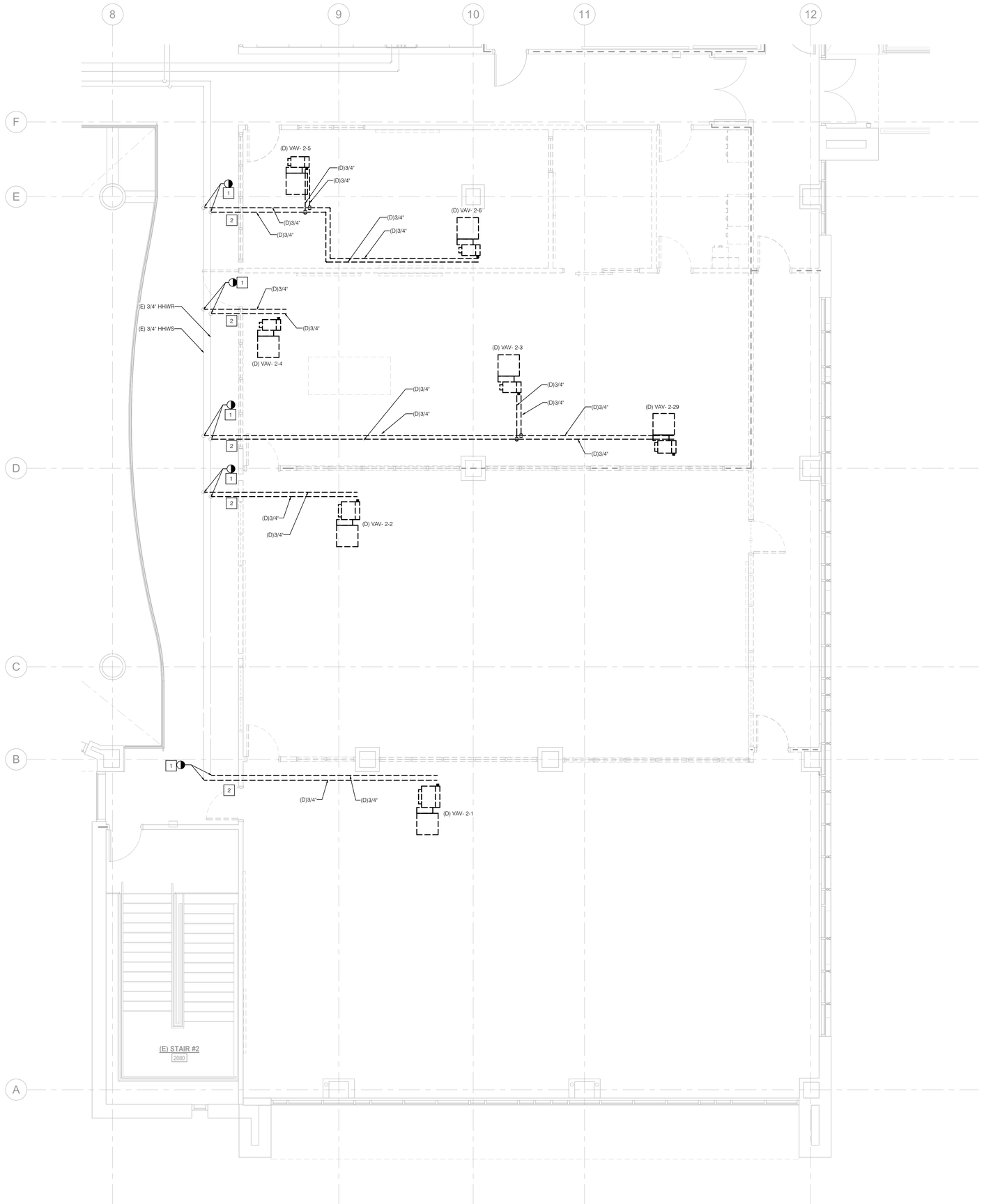

GENERAL NOTES

1. REMOVE ALL VAV BOXES, HHW PIPING SUPPORTS AND ASSOCIATED APPURTENANCES.

NOTES

1 REMOVE EXISTING BRANCH PIPING AND CAP TEMPORARILY. PREPARE FOR CONNECTION OF NEW PIPING.

2 REUSE EXISTING WALL PENETRATION.

N

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

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drawing title:

ENLARGED 2ND FLOOR PIPING DEMO PLAN

drawing no.:

MD102

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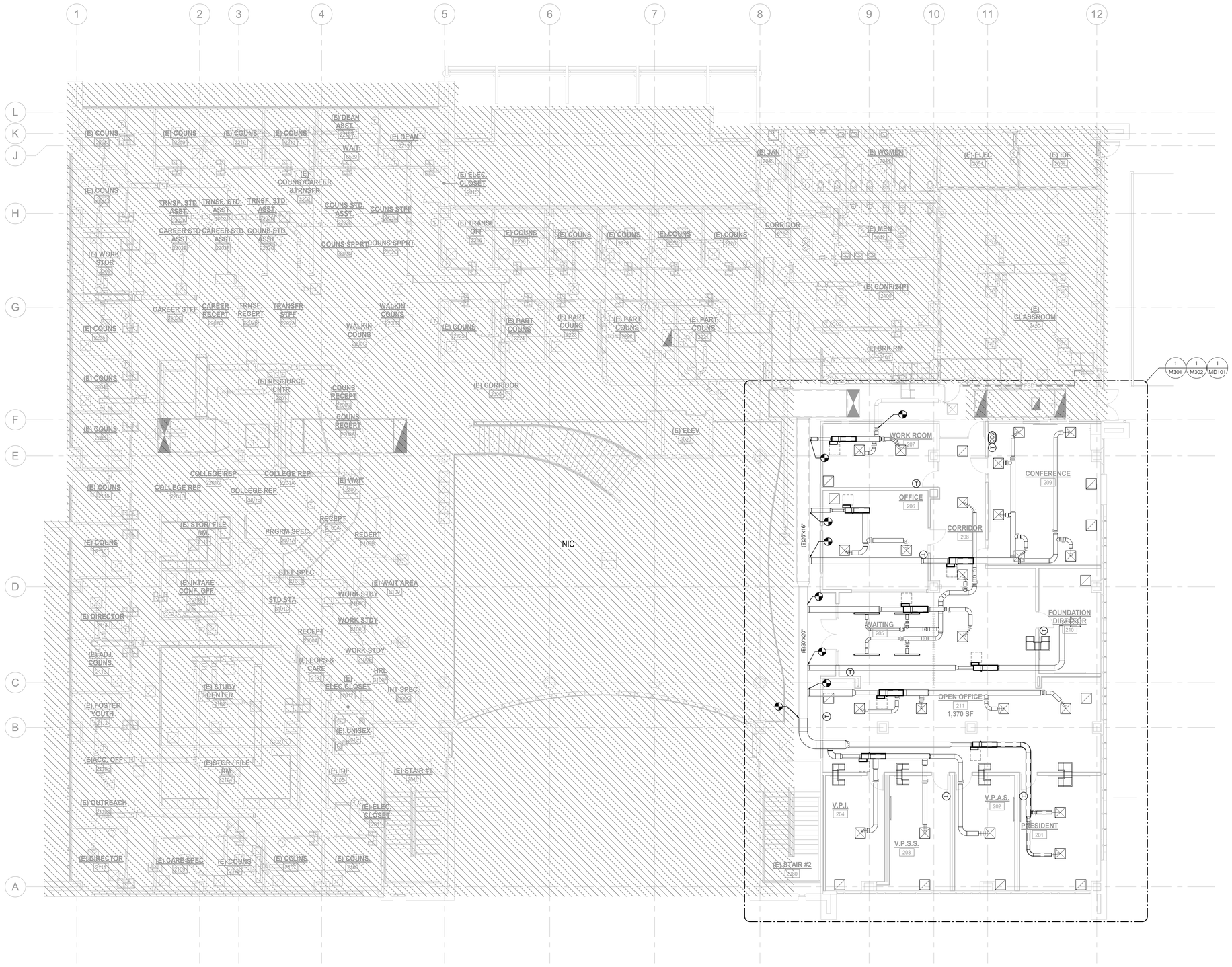

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drawing title:
OVERALL 2ND FLOOR PLAN

drawing no.:
M201

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

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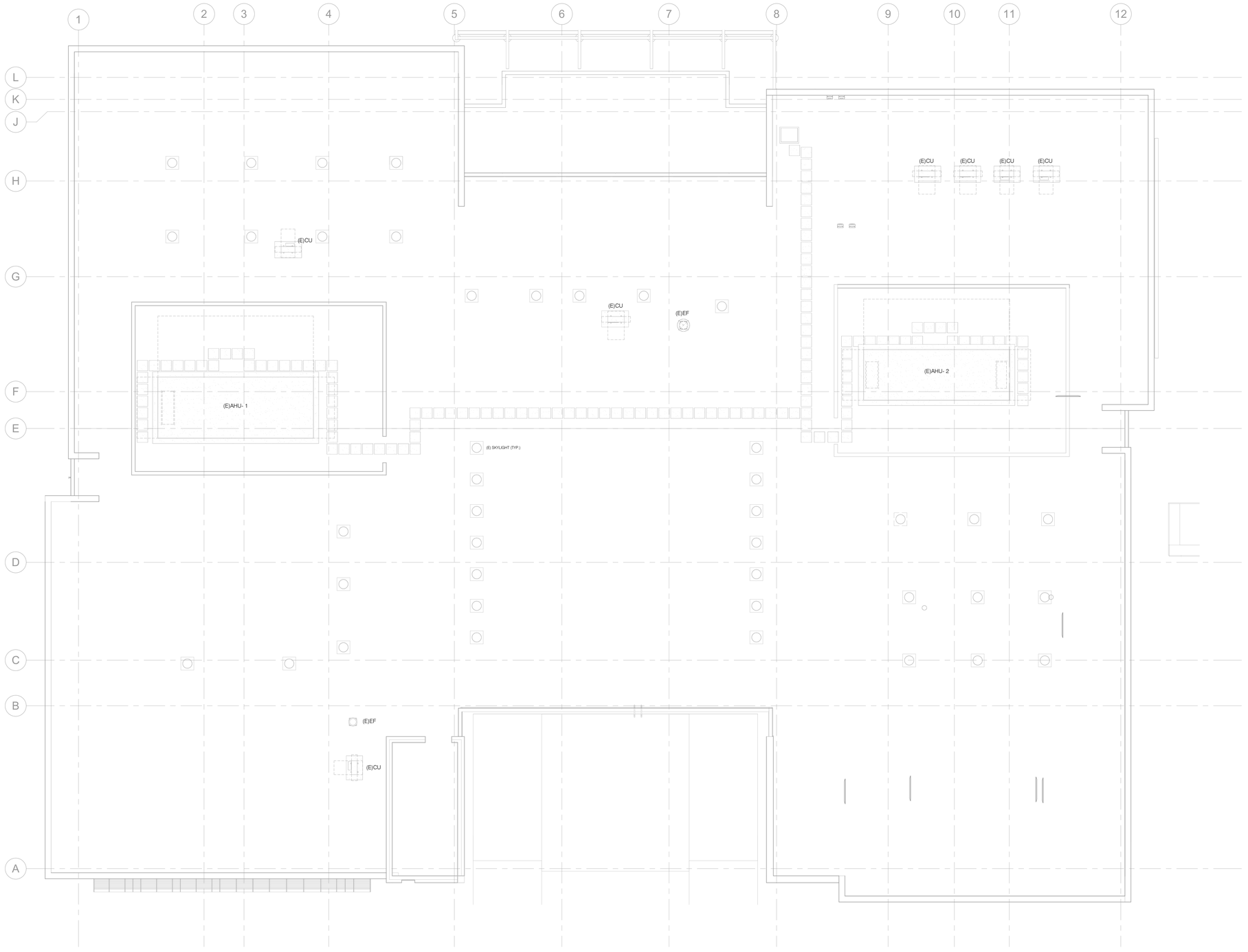

N

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

0 8

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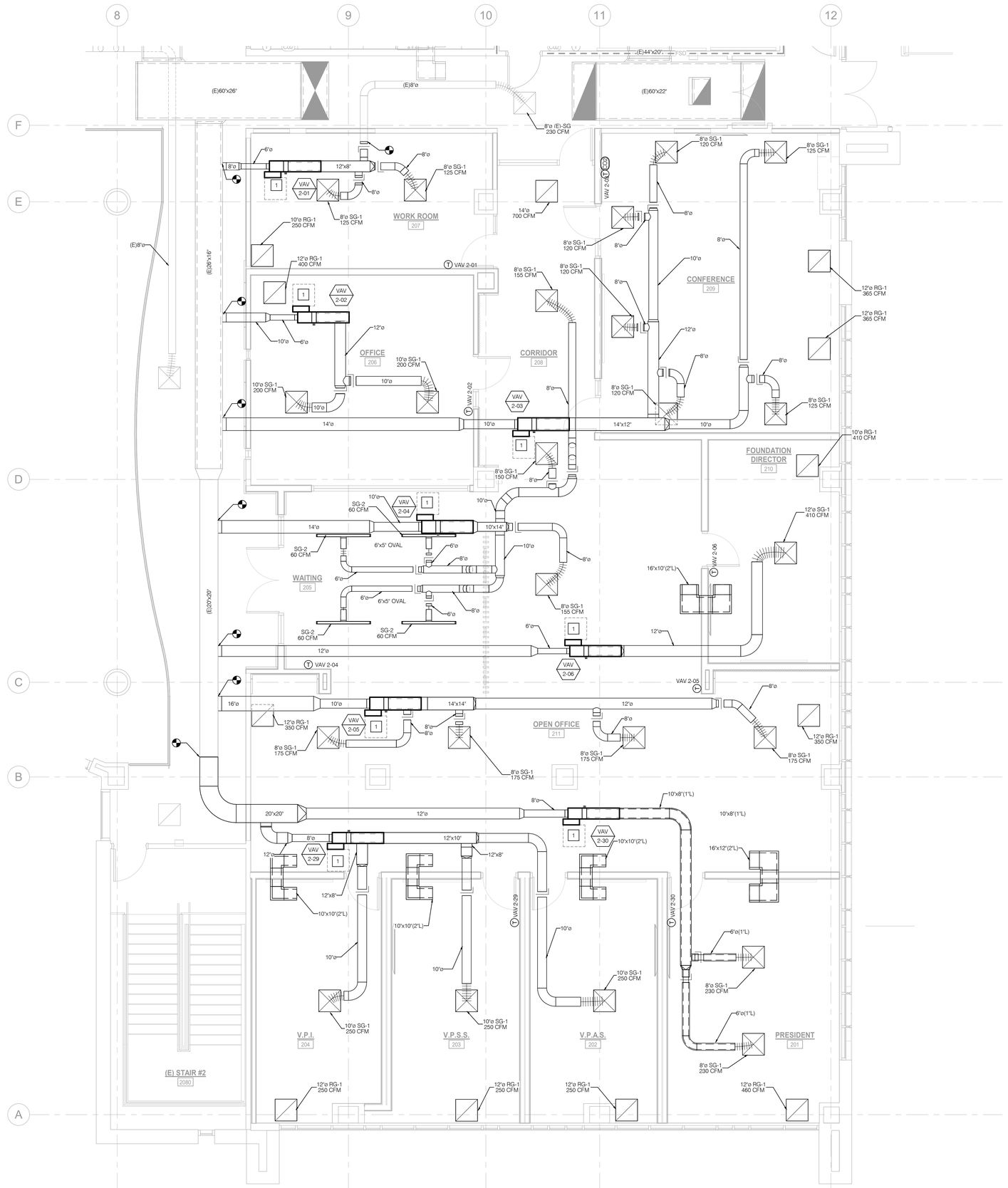
drawing title:

OVERALL ROOF PLAN

drawing no.:

M202



NOTES

1. PROVIDE 2FT CLEARANCE, CLEAR OF ANY OBSTRUCTIONS BELOW, FOR ALL VAVS AS SHOWN.

N

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

0 4

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drawing title:

ENLARGED 2ND FLOOR DUCTING PLAN

drawing no.:

M301

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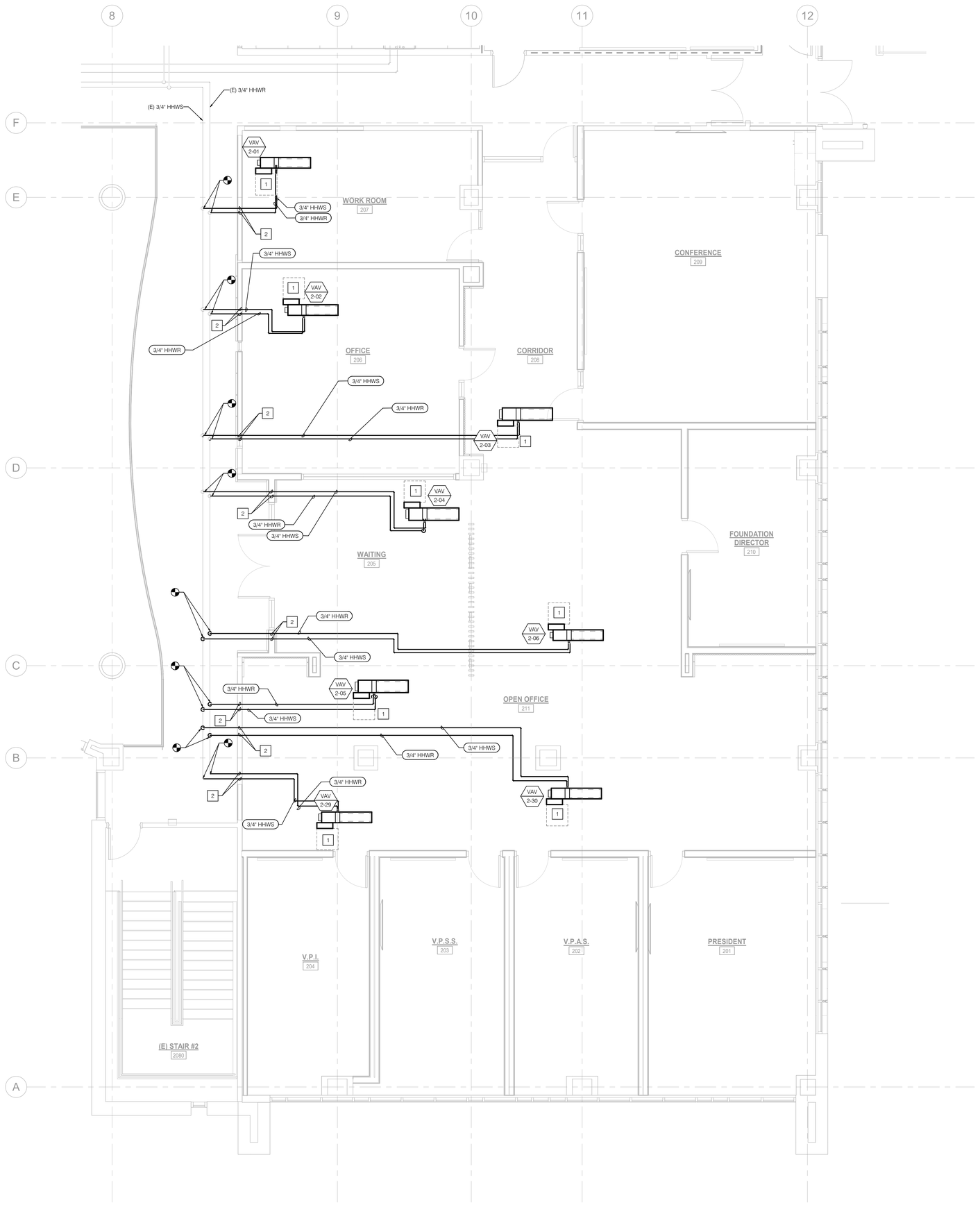

NOTES

1. CONTRACTOR SHALL MAINTAIN CLEAR SERVICE ACCESS. ROUTE HHW PIPING ABOVE OR BELOW SERVICEABLE ACCESS COMPONENTS SO AS TO PREVENT IMPEDING ACCESS.
2. SEE ARCHITECTURAL 10/4.02 FOR PIPE THRU WALL PENETRATION DETAIL.

N

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

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ENLARGED 2ND FLOOR PIPING PLAN

drawing no.:

M302

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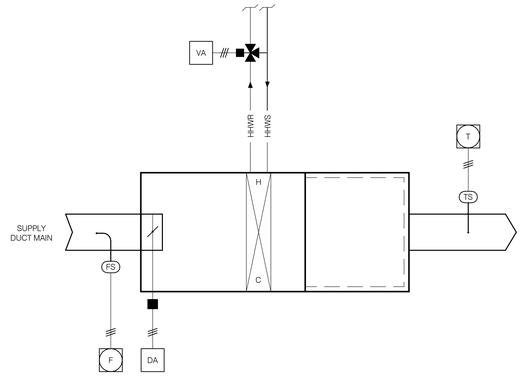
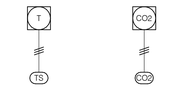


POINT	DESCRIPTION	TYPE	UNITS
F	VAV AIRFLOW MONITORING STATION	AI	CFM
DA	VAV DAMPER ACTUATOR	AO	VDC
VA	VAV HEATING HOT WATER VALVE	AO	VDC
T	VAV SUPPLY AIR TEMPERATURE	AI	°F
T	SPACE TEMPERATURE	AI	°F
CO2	SPACE CO2 LEVEL (ONLY IN APPLICABLE ZONES AS INDICATED ON THE PLANS)	AI	PPM

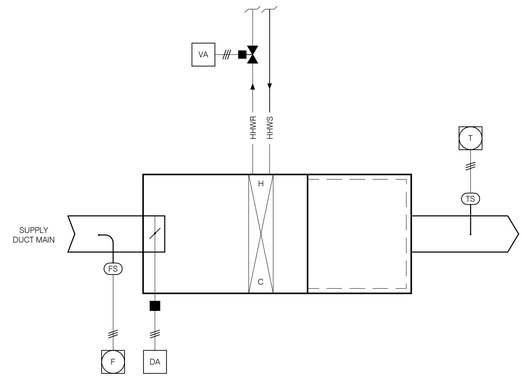


SPACE TEMPERATURE SENSOR

SPACE CO2 SENSOR (SEE VAV BOX SCHEDULE AND PLANS FOR LOCATIONS) FOR DCV

2 3-WAY VALVE VAV BOX - WITH REHEAT (VAV 2-29 AND 2-30)

NO SCALE



POINT	DESCRIPTION	TYPE	UNITS
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DA	VAV DAMPER ACTUATOR	AO	VDC
VA	VAV HEATING HOT WATER VALVE	AO	VDC
T	VAV SUPPLY AIR TEMPERATURE	AI	°F
T	SPACE TEMPERATURE	AI	°F
CO2	SPACE CO2 LEVEL (ONLY IN APPLICABLE ZONES AS INDICATED ON THE PLANS)	AI	PPM

SPACE TEMPERATURE SENSOR

SPACE CO2 SENSOR (SEE VAV BOX SCHEDULE AND PLANS FOR LOCATIONS) FOR DCV

1 2-WAY VALVE VAV BOX - WITH REHEAT

NO SCALE

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drawing title:
VAV CONTROL DIAGRAMS

drawing no.:
M501

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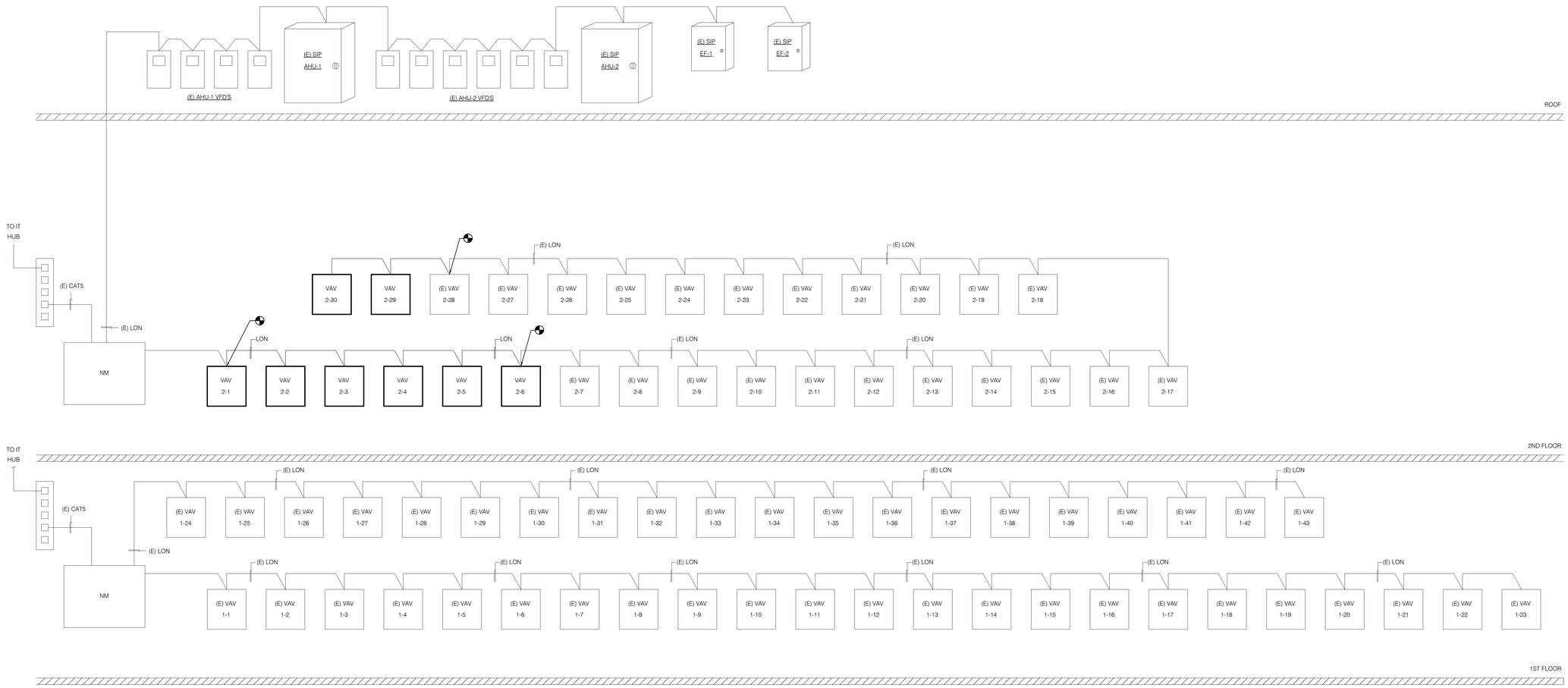

GENERAL NOTES

1. PROVIDE NEW NETWORK CABLING FOR VAV 2-01 THRU VAV 2-06, VAV 2-29 AND VAV 2-30. ALL OTHER VAVS AND CABLING ARE EXISTING TO REMAIN.

1 NETWORK RISER DIAGRAM

NO SCALE

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STATE OF CALIFORNIA
SIGNED: 11/03/2025

consultant

Golden West College- Student Services Center EXECUTIVE OFFICE

15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: Author checked by: Checker

date: 10/06/2025 2/23/2026 4:19:58 PM

rev:	date:	description:
	10/06/25	50% CD
	10/27/25	100% CD
	11/03/25	DSA SUBMITTAL

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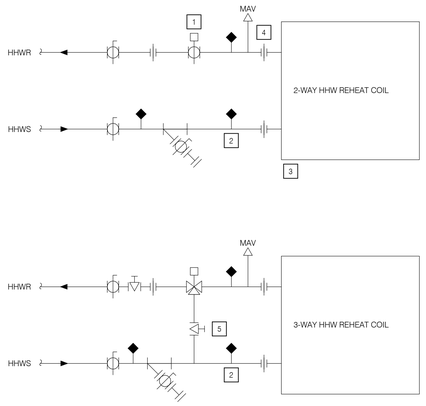
NETWORK DIAGRAMS

drawing no.:

M502



NOTES

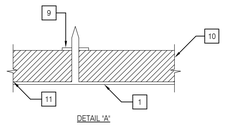
1. COILS SHALL BE PROVIDED WITH 2-WAY CONTROL VALVE.
2. INSTALL PETE'S PLUG ON THE SUPPLY AND RETURN LINES AND ENSURE IT IS INSTALLED VERTICALLY (TYP.)
3. INSULATION FOR REHEAT COIL HOOK-UP SHALL BE 1/2" THICK ARMAFLEX.
4. UNIONS NOT REQUIRED FOR FLANGED PIPING.
5. TYPICAL FOR END OF HHW LOOP.

6 2-WAY AND 3-WAY REHEAT COIL CONNECTIONS

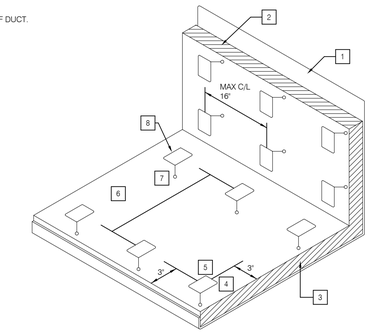
NO SCALE

NOTES

1. DUCT.
2. LINING.
3. ALL ENDS OF LINER. COATED WITH ADHESIVE.
4. NOT MORE THAN 3' FROM EDGE OF LINER.
5. TYPICAL STUD-WELDED PINS AND SPEED CLIP WASHER (SEE DETAIL 'A')
6. COATED SURFACE OF INSULATION EXPOSED TO AIRSTREAM.
7. PINS SPOT WELDED TO DUCTWORK.
8. SEPARATE SPEED CLIP WASHER.
9. DOWN OVER PIN TO LINING.
10. WELD-PIN STUD WELDED TO DUCT (PIN FASTENED TO DUCT WITH ADHESIVE NOT APPROVED).
11. ADHESIVE OVER COMPLETE SURFACE OF DUCT.

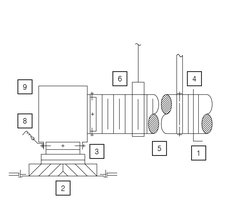


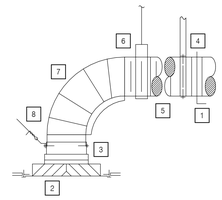
DETAIL 'A'



4 DUCT LINER

NO SCALE



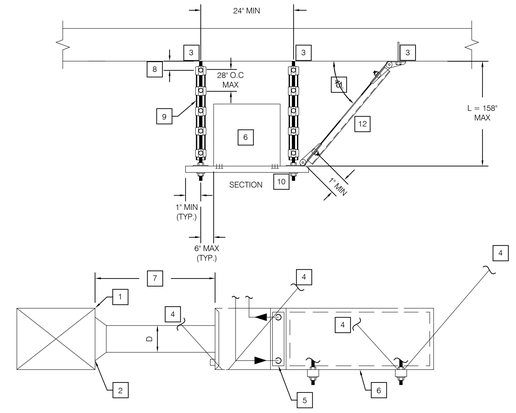


NOTES

1. PROVIDE MANUAL VOLUME DAMPER NEAR MAIN DUCT CONNECTION. MANUAL VOLUME DAMPER SHALL BE LOCKING QUADRANT TYPE AS MANUFACTURED BY DURO-DYNE SPECLINE ELEVATED DAMPER REGULATOR WITH HEX NUT.
2. CEILING DIFFUSER SUPPORTED ONTO CEILING. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT CEILING TYPES.
3. RECTANGULAR OR SQUARE TO ROUND CEILING CAN SECURED TO DIFFUSER WITH MINIMUM 4, #10 SHEET METAL SCREWS AND SEAL AIRTIGHT WITH CASCOTE DUCT SEALANT. IF REQUIRED, PROVIDE ADDITIONAL GALVANIZED STEEL DUCTWORK TO ALLOW FOR STRAIGHT DUCT RUN DOWN TO CEILING DIFFUSER.
4. CONNECT RIGID DUCT WITH MINIMUM 3, #10 SHEET METAL SCREWS AND SEAL WITH CASCOTE DUCT SEALANT. SUPPORT RIGID DUCT TO STRUCTURE ABOVE WITH SHEET METAL STRAPS PER 2022 CMC.
5. FLEX DUCT SHALL NOT EXCEED MAXIMUM LENGTH OF 5'-0". FLEX DUCT SHALL BE CASCO SILENTFLEX II.
6. PROVIDE 1-1/2" WIDE, 22 GAUGE HANGER STRAP FOR DUCT SUPPORT SEE 16/S-1.3 FOR STRAP CONNECTION TO STRUCTURE. CONNECT 12 GAUGE WIRE FOR SUPPORT TO STRUCTURE ABOVE SEE 13/S-1.3 FOR WIRE CONNECTION TO STRUCTURE. WIRE SHALL BE USED OF FLEX DUCT ONLY.
7. PROVIDE FLEXIBLE 90° FULL RADIUS ELBOW AND ADDITIONAL STRAIGHT LENGTH OF DUCT (AS REQUIRED) FOR CONNECTION TO DIFFUSER CEILING CAN COLLAR. PROVIDE FLEXRIGHT FLEXIBLE DUCT ELBOW SUPPORT BY TITUS OR APPROVED EQUAL. CONNECT DUCT TO DIFFUSER CEILING CAN WITH MINIMUM 3, #10 SHEET METAL SCREWS AND SEAL AIRTIGHT WITH DUCT SEALANT. CONNECT SHEET METAL ELBOW TO FLEX DUCT. INSULATE DIFFUSER CEILING CAN AND ALL DUCTWORK.
8. PROVIDE 1"X3" LONG, 16 GAUGE BENT CLIP SECURED TO DIFFUSER WITH #10 SHEET METAL SCREWS. TWO PER DIFFUSER AT DIAGONAL. SECURE 12 GAUGE WIRE TO STRUCTURE ABOVE.
9. ALTERNATE CEILING DIFFUSER CONNECTION AT SHALLOW CEILING SPACE LOCATIONS. PROVIDE GALVANIZED STEEL PLENUM AND INSULATE EXTERIOR. SECURE TO CEILING DIFFUSER WITH MINIMUM FOUR #10 SHEET METAL SCREWS AND SEAL AIR TIGHT WITH CASCOTE DUCT SEALANT.

2 CEILING DIFFUSER CONNECTION

NO SCALE



MAX WEIGHT = 95 LB

BRACE ANGLE RANGE ϑ	MAX ALLOWABLE FORCE PER SEISMIC BRACE ASSEMBLY, Fp
30° - 45°	300 LBS
46° - 60°	170 LBS

GENERAL NOTES

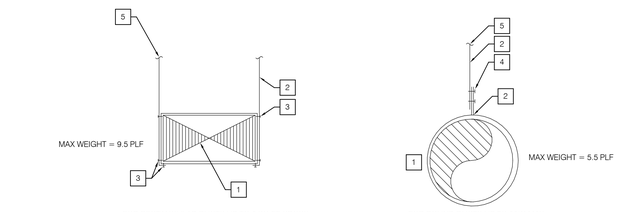
1. DISTANCE FROM VAV BOX TO MAIN DUCT VARIES. ABOVE LENGTH IS A MINIMUM. IN CASE PLANS SHOW DIFFERENT DUCT SIZES DUE TO LONG RUN, SIZES SHOWN ON PLANS SHALL BE FOLLOWED AND CONTRACTOR TO PROVIDE TRANSITION TO THE VAV INLET DUCT DIAMETER.

NOTES

1. ALL TAPS INTO MAIN SUPPLY AIR DUCTWORK FOR VAV BOXES SHALL BE A MINIMUM OF 4 x D FROM THE MAIN DUCT ELBOWS AND TRANSITIONS.
2. GALVANIZED STEEL ROUND METAL DUCTWORK CONNECTED TO MAIN SUPPLY AIR DUCT WITH BELLMOUTH FITTING.
3. VARIABLE AIR VOLUME BOX (VAV) SUPPORTED TO STEEL STRUCTURE WITH 3/8"Ø ASTM A36 ATR, CONNECTION WITH MANUFACTURER MOUNTING BRACKET. REFER TO 13/S-1.3 FOR ATTACHMENT DETAIL.
4. PROVIDE 4 POINT WIRE BRACING AND ATTACH TO STRUCTURE PER ARCHITECTURAL DETAIL 6/S.01.
5. HOT WATER REHEAT COIL. SEE DETAIL 6/M-601 FOR PIPING.
6. CONTRACTOR SHALL PROVIDE 5'-0" LONG DISCHARGE AIR PLENUM WITH INTERNAL 1" FIBERGLASS FREE LINER PER SPECIFICATION SECTION 230713.
7. 4 DUCT DIAMETERS (D) MINIMUM.
8. 6" MAX T&B TYP.
9. WHEN ROD LENGTH EXCEEDS 18", PROVIDE 1-5/8 X 1-5/8 X 12 GA SINGLE STRUT, ROD STIFFENER.
10. MIN 3/16" X 1-5/8" X 1-5/8" ASTM A36 STRUT WASHER, T&B NUT, TYP.
11. SEE BRACE ANGLE PER UNIT WEIGHT TABLE ABOVE FOR ALLOWABLE BRACE ANGLE.
12. 1-5/8" X 1-5/8" X 12 GA SINGLE STRUT (14'-6" MAX).

1 VAV BOX CONNECTION AND SUPPORT

NO SCALE



FOR RECTANGULAR DUCTS UP TO 6 SQ FT CROSS SECTIONAL AREA MAX

FOR ROUND DUCTS UP TO 32"Ø MAX

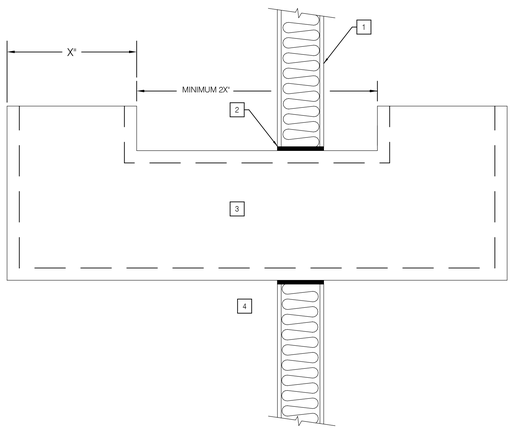
DETAIL IS APPLICABLE FOR GRAVITY SUPPORT ONLY.

NOTES

1. REFER TO DRAWINGS FOR DUCT SIZES. FOR DUCT CONSTRUCTION REQUIREMENTS REFER TO 006-2020 SMACNA DUCT CONSTRUCTION STANDARDS.
2. 1" WIDE, 20 GAUGE, GALVANIZED STEEL DUCT HANGER STRAPS. DUCT SUPPORTS SHALL BE PROVIDED AT MAXIMUM 8'-0" ON CENTER FOR STRAIGHT LENGTH OF DUCT AND WITHIN 2'-0" FROM ALL ELBOWS AND DUCT TRANSITIONS.
3. ATTACH STRAPS TO DUCT WITH #8 SMS, TYPICAL.
4. SECURE GALVANIZED STEEL HANGER STRAP TO DUCT STRAP WITH TWO (2) #10 tx 5/8" TEK SCREW.
5. SEE 16/S-1.3 ON STRUCTURAL PLANS FOR ATTACHMENT INFORMATION.

5 DUCT SUPPORT

NO SCALE



NOTES

1. ACOUSTIC WALL, SEE ARCHITECTURAL PLANS.
2. CONTINUOUS SEAL AT WALL PENETRATION WITH FLEXIBLE ACOUSTICAL SEALANT.
3. DUCT WITH 1" ACOUSTICAL LINING. SEE PLANS FOR DUCT SIZE.
4. PLAN VIEW.

3 ACOUSTICALLY LINED TRANSFER AIR BOOT

NO SCALE

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DATE: 03/04/2026

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10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

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REN. 4-30-27
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15744 Goldenwest Street
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DETAILS

drawing no.:

M601

Autodesk Docs://25-0478 GWC Student Services Building - President's Suite 11/25-0478_R24_MEP/FA_CENTRAL.rvt

6 NOT USED

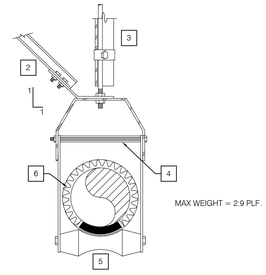
NO SCALE

4 NOT USED

NO SCALE

2 HANGER PIPE SUPPORT WITH SEISMIC BRACING

NO SCALE



MAX WEIGHT = 2.9 PLF.

DETAIL IS APPLICABLE FOR GRAVITY SUPPORT ONLY.

NOTES

1. ATTACH TO STRUCTURE ABOVE PER DETAIL 13/S1.3. PROVIDE SUPPORT AT MAX 10' 0".
2. FOR PIPES GREATER THAN 12" FROM THE CEILING, PROVIDE DIAGONAL BRACING OR SEISMIC BRACING. REFER TO SPECIFICATIONS FOR ADDITIONAL SEISMIC BRACING REQUIREMENTS.
3. PROVIDE ALL PIPE SUPPORTS WITH HOT DIP GALVANIZED FINISH AND VERTICAL STIFFENER AT ALL LOCATIONS. PROVIDE HANGER ROD AND CLAMP WITH CLEVIS HANGER.
4. PROVIDE PIPE SLEEVE WITH I.D. 1/4" LARGER THAN O.D. OF BOLT.
5. PROVIDE ROLLER HANGER FOR HEATING HOT WATER PIPING.
6. REFER TO SPECIFICATIONS FOR PIPING AND INSULATION REQUIREMENTS.

5 NOT USED

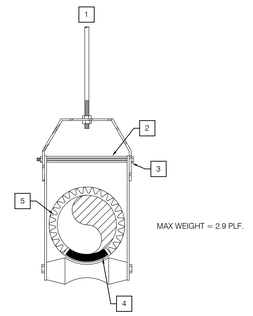
NO SCALE

3 NOT USED

NO SCALE

1 HANGER PIPE SUPPORT

NO SCALE



MAX WEIGHT = 2.9 PLF.

DETAIL IS APPLICABLE FOR GRAVITY SUPPORT ONLY.

NOTES

1. MIN. 3/8" HANGER ROD. ATTACH HANGER ROD TO STRUCTURE ABOVE PER DETAIL 13/S1.3. PROVIDE SUPPORT AT MAX 10' 0".
2. PROVIDE PIPE SLEEVE WITH I.D. 1/4" LARGER THAN O.D. OF BOLT.
3. PROVIDE ALL PIPE SUPPORTS WITH HOT DIP GALVANIZED FINISH. PROVIDE HANGER ROD AND CLAMP WITH CLEVIS HANGER. HANGER RODS LARGER THAN 3/8" DIA. SHALL BE EQUIPPED WITH SWIVELS OR EYE NUTS.
4. PROVIDE HANGER SHIELD, MIN 12" LONG AND RIGID INSULATION INSERT AT EACH HANGER.
5. INSULATED HHW PIPE.

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tBP architecture planning interiors

LICENSED ARCHITECT · JOHN L. OSMON · NO. C34187 · REN. 4-30-27 · STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER · JOHN L. OSMON · MECHANICAL · STATE OF CALIFORNIA

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M602

Autodesk Docs://25-0478 GWC Student Services Building - President's Suite TI/25-0478_R24_MEPTFA_CENTRAL.rvt

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-E
This document is used to demonstrate compliance for mechanical systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, or 141.0(b)2 for alterations.	
Project Name: 25-0478 GWC Student Services TI	**Report Page:** (Page 1 of 20)
Project Address:	**Date Prepared:** 2025-10-20T16:39:42-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Huntington Beach	04	Total Conditioned Floor Area	4970
02	Climate Zone	6	05	Total Unconditioned Floor Area	0
03	Occupancy Types Within Project:		06	# of Stories (Habitable Above Grade)	1

● Office

B. PROJECT SCOPE

This table includes mechanical systems or components that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, 170.2(b) or 141.0(b)2 and 180.2(b)2 for alterations.

01	02	03
Air System(s)	Wet System Components	Dry System Components
☐ Heating Air System	☐ Water Economizer	☐ Air Economizer
☐ Cooling Air System	☐ Pumps	☐ Electric Resistance Heat
Mechanical Controls	☐ System Piping	☐ Fan Systems
☒ Mechanical Controls (existing to remain, altered or new)	☐ Cooling Towers	☒ Ductwork (existing to remain, altered or new)
	☐ Chillers	☒ Ventilation
	☐ Boilers	☒ Zonal Systems/ Terminal Boxes

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:** (Page 2 of 20)
	Date Prepared: 2025-10-20T16:39:42-04:00

C. COMPLIANCE RESULTS

Table C will indicate if the project data input into the compliance document is compliant with mechanical requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D., or the table indicated as not compliant for guidance.

01		02		03		04		05		06		07		08	09
System Summary 110.1, 110.2, 140.4, 170.2(c)	AND	Pumps 140.4(k), 170.2(c)4I	AND	Fans/ Economizers 140.4(c), 140.4(e), 170.2(c)	AND	System Controls 110.2, 120.2, 140.4(f), 170.2(c)	AND	Ventilation 120.1, 160.2	AND	Terminal Box Controls 140.4(d), 170.2(c)4B	AND	Distribution 120.3, 140.4(l), 160.2, 160.3	AND	Cooling Towers 110.2(e)2	Compliance Results
(See Table F)		(See Table G)		(See Table H)		(See Table I)		(See Table J)		(See Table K)		(See Table L)		(See Table M)	
	AND		AND		AND	Yes	AND	Yes	AND	Yes	AND	Yes	AND		COMPLIES
Mandatory Measures Compliance (See Table Q for Details)										COMPLIES					

D. EXCEPTIONAL CONDITIONS

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

E. ADDITIONAL REMARKS

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

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

This section does not apply to this project.

G. PUMPS

This section does not apply to this project.

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:** (Page 3 of 20)
	Date Prepared: 2025-10-20T16:39:42-04:00

H. FAN SYSTEMS & AIR ECONOMIZERS

This section does not apply to this project.

I. SYSTEM CONTROLS

This table is used to demonstrate compliance with mandatory controls in 110.2 and 120.2 and prescriptive controls in 140.4(f) and (n), 170.2(c)4D 170.2(c)4L or requirements in 141.0(b)2E 180.2(b)2 for altered space conditioning systems.

01	02	03	04	05	06	07	08	09	10
System Name	System Zoning	Conditioned Floor Area Being Served (ft^2)	Thermostats 110.2(b) & (c)[1], 120.2(a) 160.3(a)2A or 141.0(b)2E & 180.2(b)2	Shut-Off Controls 120.2(e) & 160.3(a)2D	Isolation Zone Controls 120.2(g) & 160.3(a)2F	Demand Response 110.12 120.2(b) & 160.3(a)2B	Supply Air Temp. Reset 140.4(f) & 170.2(c)4D	Window Interlocks per 140.4(n) & 170.2(c)4D	Direct Digital Control (DDC) per 120.2
VAV 2-01, VAV 2-02, VAV 2-03, VAV 2-04, VAV 2-05, VAV 2-06, VAV 2-29, VAV 2-30	Single zone	<= 25,000 ft^2	EMCS	EMCS	NA: Single Zone	EMCS	NA: Single Zone	NA: No operable windows	NA: Single Zone

[1]*FOOTNOTES: Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to have setback thermostats.*

J. VENTILATION AND INDOOR AIR QUALITY

This table is used to demonstrate compliance with mandatory ventilation requirements in 120.1 120.2(e)3B 140.4(p) and 140.4(q) for all nonresidential and hotel/motel and d:\24ref\nlink/1160.2, 160.3(a)3D, 170.2(a)4N, 170.2(a)4O for high-rise residential occupancies. For alterations, only ventilation systems being altered within the scope of the permit application need to be documented in this table. In lieu of this table, the required outdoor ventilation rates and airflows may be shown on the plans or the calculations can be presented in a spreadsheet.

01	☐	Check the box if the project is showing ventilation calculations on the plans, or attaching the calculations instead of completing this table.
02	☒	Check this box if the project included Nonresidential, Hotel/Motel Spaces or Multifamily Common Use Spaces
	☐	
03	☐	Check the box if the project is using natural ventilation in any nonresidential or hotel/motel spaces to meet required ventilation rates per 120.1(c)2.

Nonresidential and Hotel/ Motel Multifamily Common Use Ventilation Systems

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:** (Page 4 of 20)
	Date Prepared: 2025-10-20T16:39:42-04:00

J. VENTILATION AND INDOOR AIR QUALITY

04		05			06			07	
System Name	VAV 2-01	System Design OA CFM Airflow[1]		45	System Design Transfer Air CFM		0	Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21 [2]	
								NA: Not system type specified in footnote 2	
08	09	10	11	12	13	14	15	16	
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)[3] & 160.2(c)3					Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)[3] 160.2(c)5D 160.2(c)5E 160.2(c)5D	
	Occupancy Type[4]	Conditioned Floor Area (ft^2)	# of Shower heads/ toilets	# of people [5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM		
Workroom 207	Office space	272		1	15			DCV	NA: Area < 150ft^2 or design occupancy < 10 people
								Occ Sensor	NA: Not required space type
17	Total System Required Min OA CFM				15	18	Ventilation for this System Complies?		Yes
04		05			06			07	
System Name	VAV 2-02	System Design OA CFM Airflow[1]		60	System Design Transfer Air CFM		0	Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21 [2]	
								NA: Not system type specified in footnote 2	
08	09	10	11	12	13	14	15	16	
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)[3] & 160.2(c)3					Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)[3] 160.2(c)5D 160.2(c)5E 160.2(c)5D	
	Occupancy Type[4]	Conditioned Floor Area (ft^2)	# of Shower heads/ toilets	# of people [5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM		

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:** (Page 5 of 20)
	Date Prepared: 2025-10-20T16:39:42-04:00

J. VENTILATION AND INDOOR AIR QUALITY

Office 206	Office space	392		3	45			DCV	NA: Area < 150ft^2 or design occupancy < 10 people
								Occ Sensor	NA: Not required space type
17	Total System Required Min OA CFM				45	18	Ventilation for this System Complies?		Yes
04		05			06			07	
System Name	VAV 2-03	System Design OA CFM Airflow[1]		300	System Design Transfer Air CFM		0	Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21 [2]	
								NA: Not system type specified in footnote 2	
08	09	10	11	12	13	14	15	16	
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)[3] & 160.2(c)3					Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)[3] 160.2(c)5D 160.2(c)5E 160.2(c)5D	
	Occupancy Type[4]	Conditioned Floor Area (ft^2)	# of Shower heads/ toilets	# of people [5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM		
Conference 209	Conference/ meeting	593		20	300			DCV	Provided per §120.1(d)4
								Occ Sensor	Provided per §120.1(d)5
17	Total System Required Min OA CFM				300	18	Ventilation for this System Complies?		Yes
04		05			06			07	
System Name	VAV 2-04	System Design OA CFM Airflow[1]		210	System Design Transfer Air CFM		0	Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21 [2]	
								NA: Not system type specified in footnote 2	
08	09	10	11	12	13	14	15	16	

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:** (Page 6 of 20)
	Date Prepared: 2025-10-20T16:39:42-04:00

J. VENTILATION AND INDOOR AIR QUALITY

Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)[3] & 160.2(c)3					Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)[3] 160.2(c)5D 160.2(c)5E 160.2(c)5D	
	Occupancy Type[4]	Conditioned Floor Area (ft^2)	# of Shower heads/ toilets	# of people [5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM		
Foundation Director Office 210	Office space	241		2	30			DCV	NA: Area < 150ft^2 or design occupancy < 10 people
								Occ Sensor	NA: Not required space type
17	Total System Required Min OA CFM				30	18	Ventilation for this System Complies?		Yes
04		05			06			07	
System Name	VAV 2-29	System Design OA CFM Airflow[1]		145	System Design Transfer Air CFM		0	Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21 [2]	
								NA: Not system type specified in footnote 2	
08	09	10	11	12	13	14	15	16	
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)[3] & 160.2(c)3					Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)[3] 160.2(c)5D 160.2(c)5E 160.2(c)5D	
	Occupancy Type[4]	Conditioned Floor Area (ft^2)	# of Shower heads/ toilets	# of people [5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM		
Offices 202, 203, and 204	Office space	766		6	90			DCV	NA: Area < 150ft^2 or design occupancy < 10 people
								Occ Sensor	NA: Not required space type
17	Total System Required Min OA CFM				90	18	Ventilation for this System Complies?		Yes

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:** (Page 7 of 20)
	Date Prepared: 2025-10-20T16:39:42-04:00

J. VENTILATION AND INDOOR AIR QUALITY

04		05			06			07	
System Name	VAV 2-30	System Design OA CFM Airflow[1]		90	System Design Transfer Air CFM		0	Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21 [2]	
								NA: Not system type specified in footnote 2	
08	09	10	11	12	13	14	15	16	
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)[3] & 160.2(c)3					Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)[3] 160.2(c)5D 160.2(c)5E 160.2(c)5D	
	Occupancy Type[4]	Conditioned Floor Area (ft^2)	# of Shower heads/ toilets	# of people [5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM		
Office 201	Office space	348		2	30			DCV	NA: Area < 150ft^2 or design occupancy < 10 people
								Occ Sensor	NA: Not required space type
17	Total System Required Min OA CFM				30	18	Ventilation for this System Complies?		Yes

[1] *FOOTNOTES: System CFM should include both mechanical and natural ventilation for the zone/system*

[2] *Air filtration requirements apply to the following three system types per 120.1(c)1A: space conditioning systems utilizing ducts to supply air to occupiable space; supply-only ventilation systems providing outside air to occupiable space; supply side of balanced ventilation systems including heat recovery and energy recovery ventilation systems providing outside air to occupiable space.*

[3] *Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence.*

[4] *See Standards Tables 120.1-A and 120.1-B.*

[5] *For lecture halls with fixed seating, the expected number of occupants shall be determined in accordance with the California Building Code.*

[6]*120.2(e)3 requires systems serving rooms that are required by 130.1(c) to have lighting occupancy sensing controls to also have occupancy sensing zone controls for ventilation. Examples of spaces which require lighting occupancy sensors include offices 250ft^2 or smaller, multipurpose rooms less than 1,000 ft^2, classrooms, conference rooms, restrooms, aisles and open areas in warehouses, library book stack aisles, corridors, stairwells, parking garages, and loading and unloading zones, unless excepted by 130.1(c).*

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:** (Page 8 of 20)
	Date Prepared: 2025-10-20T16:39:42-04:00

J. VENTILATION AND INDOOR AIR QUALITY

04		05			06			07	
System Name	VA 2-05	System Design OA CFM Airflow[1]		145	System Design Transfer Air CFM		0	Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21 [2]	
								NA: Not system type specified in footnote 2	
08	09	10	11	12	13	14	15	16	
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)[3] & 160.2(c)3					Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)[3] 160.2(c)5D 160.2(c)5E 160.2(c)5D	
	Occupancy Type[4]	Conditioned Floor Area (ft^2)	# of Shower heads/ toilets	# of people [5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM		
Waiting 205 and Corridor 208	Corridor	619		12	180			DCV	NA: Not required per §120.1(d)3
								Occ Sensor	NA: Not required space type
17	Total System Required Min OA CFM				180	18	Ventilation for this System Complies?		Yes
04		05			06			07	
System Name	VA 2-05	System Design OA CFM Airflow[1]		145	System Design Transfer Air CFM		0	Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21 [2]	
								NA: Not system type specified in footnote 2	
08	09	10	11	12	13	14	15	16	
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)[3] & 160.2(c)3					Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)[3] 160.2(c)5D 160.2(c)5E 160.2(c)5D	
	Occupancy Type[4]	Conditioned Floor Area (ft^2)	# of Shower heads/ toilets	# of people [5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM		
Open Office 211	Office space	1370		6	90			DCV	NA: Not required per §120.1(d)3
								Occ Sensor	NA: Not required space type
17	Total System Required Min OA CFM				90	18	Ventilation for this System Complies?		Yes
04		05			06			07	
System Name	VAV 2-06	System Design OA CFM Airflow[1]		90	System Design Transfer Air CFM		0	Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21 [2]	
								NA: Not system type specified in footnote 2	
08	09	10	11	12	13	14	15	16	

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:** (Page 9 of 20)
	Date Prepared: 2025-10-20T16:39:42-04:00

K. TERMINAL BOX CONTROLS

This table is used to demonstrate compliance with prescriptive zone control requirements in 140.4(d) & 170.2(c)4B.

01	02	03	04	05	06	07	08	09	10	11	12
		Design			Deadband Compliance			Reheated, Recooled, Mixed Air Compliance			
Zone/System/VAV Box Name or Item Tag	Zonal Control Strategy per 140.4(d)	Peak Primary Airflow CFM	Primary Air in Deadband CFM	Reheated Recooled Mixed Airflow CFM	Outside Air CFM	30% of Peak Primary Airflow CFM	Max Deadband Airflow CFM	50% of Peak Primary Airflow	1st Stage Modulates <=95°F and Maintains DB Rate?	2nd Stage Modulates from DB Flow to Heating Max Flow?	Complies
VAV 2-01	NA: Peak SA <= 300 CFM										Yes
VAV 2-02	VAV with DDC @ zone	400	60	200	60		60	200	Yes	Yes	Yes
VAV 2-03	VAV with DDC @ zone	730	300	365	300		300	365	Yes	Yes	Yes
VAV 2-04	VAV with DDC @ zone	700	210	350	210		210	350	Yes	Yes	Yes
VAV 2-05	VAV with DDC @ zone	700	145	350	145		145	350	Yes	Yes	Yes
VAV 2-06	VAV with DDC @ zone	410	90	205	90		90	205	Yes	Yes	Yes
VAV 2-29	VAV with DDC @ zone	750	145	375	145		145	375	Yes	Yes	Yes
VAV 2-30	VAV with DDC @ zone	460	90	230	90		90	230	Yes	Yes	Yes

L. DISTRIBUTION (DUCTWORK and PIPING)

This table is used to show compliance with mandatory pipe insulation requirements found in 120.3 and mandatory requirements found in 120.4(g) for duct sealing.

01	☐	Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service. Insulation covering chilled water piping and refrigerant suction piping located outside the conditioned space shall have a Class I or Class II vapor retarder. All penetrations and joints of which shall be sealed.

Duct Leakage Testing

The answers to the questions below apply to the following duct systems:	VAV 2-01	**NR/ Common Use:** Duct leakage testing shall not exceed 15% per NA7.5.3 required for these systems?	No

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APP: 04-124889 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300
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tBP architecture planning interiors

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SIGNED: 11/03/2025
consultant

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tBP project number: tBP No: 21182.00
file name:
drawn by: Author checked by: Checker
date: 10/06/2025 2/23/2026 4:19:58 PM

rev:	date:	description:
	10/06/25	50% CD
	10/27/25	100% CD
	11/03/25	DSA SUBMITTAL

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STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:**	**(Page 10 of 20)**
	Date Prepared:	2025-10-20T16:39:42-04:00

L. DISTRIBUTION (DUCTWORK and PIPING)

		Dwelling Units: Total duct leakage of duct system shall not exceed 15% or duct system to outside shall not exceed 10% per RA3.1.4 required for systems?	---
		Duct leakage testing per CMC Section 603.9.2 required for these systems?	No
11	No	The scope of the project includes only duct systems serving healthcare facilities	
12	No	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.	
13	Yes	The space conditioning system serves less than 5,000 ft² of conditioned floor area.	
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:	
15	No	The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.	
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.	
17	Yes	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A	
18	Yes	All ductwork is an extension of an existing duct system	
19	No	Ductwork serving individual dwelling unit	
20	No	< 25 ft of new or replacement space conditioning ducts installed in multifamily occupancy	
21	R-8	Duct Insulation R-value	
22	Yes	Ductwork Existing To Remain	
23	No	Duct System Connected To Altered Space Conditioning System	
The answers to the questions below apply to the following duct systems:	VAV 2-02	**NR/ Common Use:** Duct leakage testing shall not exceed 15% per NA7.5.3 required for these systems?	No

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:**	**(Page 11 of 20)**
	Date Prepared:	2025-10-20T16:39:42-04:00

L. DISTRIBUTION (DUCTWORK and PIPING)

		Dwelling Units: Total duct leakage of duct system shall not exceed 15% or duct system to outside shall not exceed 10% per RA3.1.4 required for systems?	---
		Duct leakage testing per CMC Section 603.9.2 required for these systems?	No
11	No	The scope of the project includes only duct systems serving healthcare facilities	
12	No	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.	
13	No	The space conditioning system serves less than 5,000 ft² of conditioned floor area.	
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:	
15	No	The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.	
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.	
17	Yes	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A	
18	Yes	All ductwork is an extension of an existing duct system	
19	No	Ductwork serving individual dwelling unit	
20	No	< 25 ft of new or replacement space conditioning ducts installed in multifamily occupancy	
21	R-8	Duct Insulation R-value	
22	Yes	Ductwork Existing To Remain	
23	No	Duct System Connected To Altered Space Conditioning System	
The answers to the questions below apply to the following duct systems:	VAV 2-03	**NR/ Common Use:** Duct leakage testing shall not exceed 15% per NA7.5.3 required for these systems?	No

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:**	**(Page 12 of 20)**
	Date Prepared:	2025-10-20T16:39:42-04:00

L. DISTRIBUTION (DUCTWORK and PIPING)

		Dwelling Units: Total duct leakage of duct system shall not exceed 15% or duct system to outside shall not exceed 10% per RA3.1.4 required for systems?	---
		Duct leakage testing per CMC Section 603.9.2 required for these systems?	No
11	No	The scope of the project includes only duct systems serving healthcare facilities	
12	No	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.	
13	Yes	The space conditioning system serves less than 5,000 ft² of conditioned floor area.	
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:	
15	No	The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.	
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.	
17	Yes	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A	
18	Yes	All ductwork is an extension of an existing duct system	
19	No	Ductwork serving individual dwelling unit	
20	No	< 25 ft of new or replacement space conditioning ducts installed in multifamily occupancy	
21	R-8	Duct Insulation R-value	
22	Yes	Ductwork Existing To Remain	
23	No	Duct System Connected To Altered Space Conditioning System	
The answers to the questions below apply to the following duct systems:	VAV 2-04	**NR/ Common Use:** Duct leakage testing shall not exceed 15% per NA7.5.3 required for these systems?	No

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:**	**(Page 13 of 20)**
	Date Prepared:	2025-10-20T16:39:42-04:00

L. DISTRIBUTION (DUCTWORK and PIPING)

		Dwelling Units: Total duct leakage of duct system shall not exceed 15% or duct system to outside shall not exceed 10% per RA3.1.4 required for systems?	---
		Duct leakage testing per CMC Section 603.9.2 required for these systems?	No
11	No	The scope of the project includes only duct systems serving healthcare facilities	
12	No	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.	
13	Yes	The space conditioning system serves less than 5,000 ft² of conditioned floor area.	
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:	
15	No	The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.	
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.	
17	Yes	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A	
18	Yes	All ductwork is an extension of an existing duct system	
19	No	Ductwork serving individual dwelling unit	
20	No	< 25 ft of new or replacement space conditioning ducts installed in multifamily occupancy	
21	R-8	Duct Insulation R-value	
22	Yes	Ductwork Existing To Remain	
23	No	Duct System Connected To Altered Space Conditioning System	
The answers to the questions below apply to the following duct systems:	VAV 2-05	**NR/ Common Use:** Duct leakage testing shall not exceed 15% per NA7.5.3 required for these systems?	No

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:**	**(Page 14 of 20)**
	Date Prepared:	2025-10-20T16:39:42-04:00

L. DISTRIBUTION (DUCTWORK and PIPING)

		Dwelling Units: Total duct leakage of duct system shall not exceed 15% or duct system to outside shall not exceed 10% per RA3.1.4 required for systems?	---
		Duct leakage testing per CMC Section 603.9.2 required for these systems?	No
11	No	The scope of the project includes only duct systems serving healthcare facilities	
12	No	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.	
13	Yes	The space conditioning system serves less than 5,000 ft² of conditioned floor area.	
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:	
15	No	The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.	
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.	
17	Yes	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A	
18	Yes	All ductwork is an extension of an existing duct system	
19	No	Ductwork serving individual dwelling unit	
20	No	< 25 ft of new or replacement space conditioning ducts installed in multifamily occupancy	
21	R-8	Duct Insulation R-value	
22	Yes	Ductwork Existing To Remain	
23	No	Duct System Connected To Altered Space Conditioning System	
The answers to the questions below apply to the following duct systems:	VAV 2-06	**NR/ Common Use:** Duct leakage testing shall not exceed 15% per NA7.5.3 required for these systems?	No

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:**	**(Page 15 of 20)**
	Date Prepared:	2025-10-20T16:39:42-04:00

L. DISTRIBUTION (DUCTWORK and PIPING)

		Dwelling Units: Total duct leakage of duct system shall not exceed 15% or duct system to outside shall not exceed 10% per RA3.1.4 required for systems?	---
		Duct leakage testing per CMC Section 603.9.2 required for these systems?	No
11	No	The scope of the project includes only duct systems serving healthcare facilities	
12	No	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.	
13	Yes	The space conditioning system serves less than 5,000 ft² of conditioned floor area.	
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:	
15	No	The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.	
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.	
17	Yes	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A	
18	Yes	All ductwork is an extension of an existing duct system	
19	No	Ductwork serving individual dwelling unit	
20	No	< 25 ft of new or replacement space conditioning ducts installed in multifamily occupancy	
21	R-8	Duct Insulation R-value	
22	Yes	Ductwork Existing To Remain	
23	No	Duct System Connected To Altered Space Conditioning System	
The answers to the questions below apply to the following duct systems:	VAV 2-29	**NR/ Common Use:** Duct leakage testing shall not exceed 15% per NA7.5.3 required for these systems?	No

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:**	**(Page 16 of 20)**
	Date Prepared:	2025-10-20T16:39:42-04:00

L. DISTRIBUTION (DUCTWORK and PIPING)

		Dwelling Units: Total duct leakage of duct system shall not exceed 15% or duct system to outside shall not exceed 10% per RA3.1.4 required for systems?	---
		Duct leakage testing per CMC Section 603.9.2 required for these systems?	No
11	No	The scope of the project includes only duct systems serving healthcare facilities	
12	No	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.	
13	Yes	The space conditioning system serves less than 5,000 ft² of conditioned floor area.	
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:	
15	No	The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.	
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.	
17	Yes	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A	
18	Yes	All ductwork is an extension of an existing duct system	
19	No	Ductwork serving individual dwelling unit	
20	No	< 25 ft of new or replacement space conditioning ducts installed in multifamily occupancy	
21	R-8	Duct Insulation R-value	
22	Yes	Ductwork Existing To Remain	
23	No	Duct System Connected To Altered Space Conditioning System	
The answers to the questions below apply to the following duct systems:	VAV 2-30	**NR/ Common Use:** Duct leakage testing shall not exceed 15% per NA7.5.3 required for these systems?	No

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:**	**(Page 17 of 20)**
	Date Prepared:	2025-10-20T16:39:42-04:00

L. DISTRIBUTION (DUCTWORK and PIPING)

		Dwelling Units: Total duct leakage of duct system shall not exceed 15% or duct system to outside shall not exceed 10% per RA3.1.4 required for systems?	---
		Duct leakage testing per CMC Section 603.9.2 required for these systems?	No
11	No	The scope of the project includes only duct systems serving healthcare facilities	
12	No	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.	
13	Yes	The space conditioning system serves less than 5,000 ft² of conditioned floor area.	
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:	
15	No	The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.	
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.	
17	Yes	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A	
18	Yes	All ductwork is an extension of an existing duct system	
19	No	Ductwork serving individual dwelling unit	
20	No	< 25 ft of new or replacement space conditioning ducts installed in multifamily occupancy	
21	R-8	Duct Insulation R-value	
22	Yes	Ductwork Existing To Remain	
23	No	Duct System Connected To Altered Space Conditioning System	

M. COOLING TOWERS

This section does not apply to this project.

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CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:**	**(Page 18 of 20)**
	Date Prepared:	2025-10-20T16:39:42-04:00

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based an information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency-4

Form/Title
NRCI-MCH-01-E - Must be submitted for all buildings

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency-4

Form/Title	Systems/Spaces To Be Field Verified
NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.	VAV 2-01; VAV 2-02; VAV 2-03; VAV 2-04; VA 2-05; VAV 2-06; VAV 2-29; VAV 2-30
NRCA-MCH-06-A Demand Control Ventilation Systems must be submitted for all systems required to employ demand controlled ventilation (refer to 120.1(c)3) can vary outside ventilation flow rates based on maintaining interior carbon dioxide (CO_2) concentration setpoints.	Conference 209
NRCA-MCH-11-A Automatic Demand Shed Controls	VAV 2-01, VAV 2-02, VAV 2-03, VAV 2-04, VAV 2-05, VAV 2-06, VAV 2-29, VAV 2-30
NRCA-MCH-18-A Energy Management Control Systems	VAV 2-01, VAV 2-02, VAV 2-03, VAV 2-04, VAV 2-05, VAV 2-06, VAV 2-29, VAV 2-30

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no NRCV forms required for this project.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-124889 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DIVISION OF THE STATE ARCHITECT
10920 VIA FRONTERA, SUITE 300
agency

tBP architecture planning interiors

LICENSED ARCHITECT
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architect

P2S ENG
Long Beach // Irvine // Los Angeles
San Diego // San Jose // Seattle
p2sinc.com

REGISTERED PROFESSIONAL ENGINEER
MECHANICAL
STATE OF CALIFORNIA
SIGNED: 11/03/2025
consultant

Golden West College-
Student Services Center
EXECUTIVE OFFICE
15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College
owner

tBP project number: tBP No: 21182.00
file name:
drawn by: Author checked by: Checker
date: 10/06/2025 2/23/2026 4:19:59 PM

rev:	date:	description:
	10/06/25	50% CD
	10/27/25	100% CD
	11/03/25	DSA SUBMITTAL

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drawing no.:
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Project Name: 25-0478 GWC Student Services TI	**Report Page:**	**(Page 19 of 20)**
	Date Prepared:	2025-10-20T16:39:42-04:00

Q. MANDATORY MEASURES DOCUMENTATION LOCATION

This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

01		02
Compliance with Mandatory Measures documented through MCH Mandatory Measures Note Block	No	Plan sheet or construction document location
03		04
Mandatory Measure		**Plan sheet or construction document location**
Duct Insulation per 120.4		Section 230713 - Duct Insulation
The air duct and plenum system is designed per 120.4(a)-(f)		233113 - Metal Ducts, 230713 - Duct Insulation
Kitchen range hoods shall be rated for sound in accordance with Section 7.2 of ASHRAE 62.2		N/A

STATE OF CALIFORNIA
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CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25-0478 GWC Student Services TI	**Report Page:**	**(Page 20 of 20)**
Project Address:	**Date Prepared:**	2025-10-20T16:39:42-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name:	Documentation Author Signature:
Emma Faircloth	
Company:	Signature Date:
P2S Inc.	10/20/2025
Address: 4660 La Jolla Village Dr #600	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: San Diego, CA 92122	Phone: 619.618.2347

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

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

Responsible Designer Name: James Lalond	Responsible Designer Signature:
Company: P2S Inc.	Date Signed: 10/20/2025
Address: 4660 La Jolla Village Dr #600	License: M40511
City/State/Zip: San Diego, CA 92122	Phone: 619.618.2347

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time:
Report Version: 2022.0.000
Schema Version: rev 20220101
Documentation Software: Energy Code Ace
Compliance ID: 333234-1025-0002
Report Generated: 2025-10-20 13:39:49

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10920 VIA FRONTERA, SUITE 300

agency

tBP architecture planning interiors

LICENSED ARCHITECT
CHRIS L. GREEN
NO. C34187
REN. 4-30-27
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architect

P2S ENG
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San Diego // San Jose // Seattle
p2sinc.com

REGISTERED PROFESSIONAL ENGINEER
JAMES M. LALOND
No. M40511
MECHANICAL
STATE OF CALIFORNIA

SIGNED: 11/03/2025

consultant

Golden West College-
Student Services Center
EXECUTIVE OFFICE
15744 Goldenwest Street
Huntington Beach, CA 92647

Coast Community College District- Golden West College

owner

tBP project number: tBP No: 21182.00

file name:

drawn by: Author checked by: Checker

date: 10/06/2025 2/23/2026 4:19:59 PM

rev:	date:	description:
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	10/27/25	100% CD
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SCALE: 1/8" = 1'-0"

0 8

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10920 VIA FRONTERA, SUITE 300

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tBP
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planning
interiors

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JOHN L. GRIEGO
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	10/06/25	50% CD
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OVERALL 2ND FLOOR ZONE PLAN

drawing no.:

M704

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