ATLAS CLASSROOMS 2 AND 3 CONVERSION

FOR
VENTURA UNIFIED SCHOOL DISTRICT

ABBREVIATIONS

Ø	DIAMETER	HR.	HOUR
&	AND	HT.	HEIGHT
CL OR C	CENTERLINE	INSUL.	INSULATION
#	POUND OR NUMBER	INT.	INTERIOR
A.B.	ANCHOR BOLT	JT.	JOINT
ABV.	ABOVE	LAM.	LAMINATE
ACP	ACOUSTICAL CEILING	LAV.	LAVATORY
A.D.	PANEL	LT.	LIGHT
ADJ.	AREA DRAIN	MFR.	MANUFACTURER
A.F.F.	ADJUSTABLE	MATR'L	MATERIAL
A.F.G.	ABOVE FINISH FLOOR	MAX.	MAXIMUM
ALUM.	ABOVE FINISH GRADE	M.B.	MACHINE BOLT
BLDG.	ALUMINUM	MECH.	MECHANICAL
BLKG.	BUILDING	MIN.	MINIMUM
BM.	BLOCKING	MISC.	MISCELLANEOUS
B.O.B.	BEAM	M.R.	MOISTURE RESISTANT
BOT.	BOTTOM OF BEAM	MTL.	METAL
BTWN.	BOTTOM	(N)	NEW
CAB.	BETWEEN	N.I.C.	NOT IN CONTRACT
CALIF.	CABINET	NO. OR #	NUMBER
C.F.O.I	CALIFORNIA CONTRACTOR FURNISHED	N.T.S.	NOT TO SCALE
		O/	OVER
C.I.P.	OWNER INSTALLED	O.C.	ON CENTER
CJ	CAST IN PLACE	O.F.C.I.	OWNER FURNISHED CONTACTOR INSTALLED
C.J.	CONSTRUCTION JOINT		
C.L.	CONTROL JOINT	O.F.O.I.	OWNER FURNISHED OWNER INSTALLED
CLG.	CHAIN LINK		
CLR.	CEILING	OPP.	OPPOSITE
CMU	CLEAR	PB	PULL BOX
C.O.	CONCRETE MASONRY UNIT	PERF.	PERFORATED
C.O.C.	CLEAN OUT	PL.	PLATE OR PLASTIC
COL.	CENTER OF COLUMN	PLAST.	PLASTER
COMP.	COLUMN	PLYWD.	PLYWOOD
CONC.	COMPOSITION	PR.	PAIR
CONSTR.	CONCRETE	PROJ.	PROJECTION
CONT.	CONSTRUCTION	P.T.D.F.	PRESSURE TREATED DOUGLAS FIR
C.T.	CONTINUOUS		
DBL.	CERAMIC TILE	R OR RAD	RADIUS
DF	DOUBLE	REFL.	REFLECTED
D.F.	DOUGLAS FIR	REFRIG.	REFRIGERATOR
DFCI	DRINKING FOUNTAIN DISTRICT FURNISHED	REINF.	REINFORCED OR REINFORCEMENT
DIA.	CONTRACTOR INSTALL	REQ.	REQUIRED OR REQUIREMENTS
DIM.	DIAMETER	RM.	ROOM
DN	DIMENSION	S.C.	SOLID CORE
DR.	DOWN	SCHED.	SCHEDULE
DWG	DOOR	SHT'G	SHEATHING
(E)	DRAWING	SHT.	SHEET
EA	EXISTING	SIM.	SIMILAR
EJ	EACH	SJ	SAWCUT JOINT
ELECT.	EXPANSION JOINT	S.M.S.	SHEET METAL SCREWS
ELEV.	ELECTRICAL	SQ.	SQUARE
EQ	ELEVATION	S.S.	STAINLESS STEEL
EQUIP.	EQUAL	ST.	STANDARD
EXIST.	EQUIPMENT	STL.	STEEL
EXT.	EXISTING	STOR.	STORAGE
FD	EXTERIOR	STRUCT.	STRUCTURAL
FDN.	FLOOR DRAIN	SUSP.	SUSPENDED
F.E.	FOUNDATION	T&B	TOP & BOTTOM
F.E.C.	FIRE EXTINGUISHER	TEMP.	TEMPERED
F.F.	FIRE EXTINGUISHER	T.O.	TOP OF
FIN.	CABINET	T.O.B.	TOP OF BEAM
FLR.	FINISH FLOOR	TS	TUBE STEEL
F.O.C.	FINISH	T.W.	TOP OF WALL
F.O.F.	FLOOR	TYP.	TYPICAL
F.O.S.	FACE OF CONCRETE	U.N.O.	UNLESS NOTED OTHERWISE
FRAM'G	FACE OF FINISH	U.O.N.	UNLESS OTHERWISE NOTED
FRP	FACE OF STRUCTURE FRAMING	V.C.T.	VINYL COMPOSITION TILE
		VERT.	VERTICAL
FT.	FIBERGLASS REINFORCED	V.G.D.F.	VERTICAL GRAIN DOUGLAS FIR
FTG.	PANEL		
F.V.	FOOT OR FEET	V.I.F.	VERIFY IN FIELD
GA.	FOOTING	W/	WITH
GALV.	FIELD VERIFY	WD.	WOOD
GWB.	GAUGE	W.O.	WHERE OCCURS
GYP. BD.	GALVANIZED	W.P.	WATERPROOF
HDG	GYPSUM WALL BOARD	W.R.	WATER RESISTANT
HDR.	GYPSUM BOARD	WT.	WEIGHT
HORIZ.	HOT DIP GALV	P.I.P.	PROTECT IN PLACE
H.M.	HEADER HORIZONTAL HOLLOW METAL		

LEGEND

- PROPERTY LINE
- 1:12 — SLOPING SURFACE
- 2 / A4 — DETAIL NUMBER; SHEET DETAIL APPEARS ON
- 2 / A4 — SECTION NUMBER; SHEET SECTION APPEARS ON
- 2 / A4 — ELEVATION NUMBER; SHEET SECTION APPEARS ON
- CONCRETE
- SOIL
- PLYWOOD
- STEEL
- WOOD BLOCKING
- WOOD CONTINUOUS MEMBER
- WORK POINT, CONNECTION POINT, DATUM POINT OR CONTROL POINT
- 1222A — KEYNOTE
- A3 — DOOR NUMBER REFERENCE, REFER TO DOOR SCHEDULE
- C03A — WINDOW NUMBER REFERENCE, REFER TO WINDOW TYPES
- 1A — WALL TYPE REFERENCE, REFER TO AD101-AD106
- a — SIGN TYPE REFERENCE, REFER TO AD701
- X' - X" — TICK INDICATES DIMENSIONS TO FACE OF STUD, GRIDLINES OR FACE OF STRUCTURE
- X' - X" — DOT INDICATES DIMENSION TO CENTERLINE
- X' - X" — ARROW INDICATES DIMENSION TO F.O. FINISH OR CLEAR DIMENSION
- x.x — SPOT ELEVATION

APPLICABLE CODE OF REGULATIONS

PORTABLE BUILDING CONSTRUCTION SHALL COMPLY WITH THE BUILDING CODES LISTED ON THEIR RESPECTIVE COVER SHEETS

SITE CONSTRUCTION SHALL COMPLY WITH THE RELEVANT PORTIONS OF FOLLOWING PARTS OF THE TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS (CCR):

2022 CALIFORNIA BUILDING STANDARDS CODE C.C.R. TITLE 24:
- 2022 CALIFORNIA ADMINISTRATIVE CODE, C.C.R. TITLE 24 PART 1
- 2022 CALIFORNIA BUILDING CODE (CBC), C.C.R. TITLE 24 PART 2
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), C.C.R. TITLE 24 PART 3
- 2022 CALIFORNIA MECHANICAL CODE (CMC), C.C.R. TITLE 24 PART 4
- 2022 CALIFORNIA PLUMBING CODE (CPC), C.C.R. TITLE 24 PART 5
- 2022 CALIFORNIA ENERGY CODE, C.C.R. TITLE 24 PART 6
- 2022 CALIFORNIA HISTORICAL CODE, C.C.R. TITLE 24 PART 8
- 2022 CALIFORNIA FIRE CODE, C.C.R. TITLE 24 PART 9
- 2022 CALIFORNIA EXISTING BUILDING CODE, C.C.R. TITLE 24 PART 10
- 2022 CALIFORNIA GREEN BUILDING STDS CODE, C.C.R. TITLE 24 PART 11
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, C.C.R. TITLE 24 PART 12

TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

APPLICABLE STANDARDS:
2022 CBC (FOR SFM) REFERENCED STANDARDS CHAPTER 35

NFPA 13	AUTOMATIC SPRINKLER SYSTEMS (CALIF. AMENDED), 2022 EDITION
NFPA 14	STANDPIPE SYSTEMS (CALIF. AMENDED), 2024 EDITION
NFPA 17	DRY CHEMICAL EXTINGUISHING SYSTEMS, 2024 EDITION
NFPA 17a	WET CHEMICAL EXTINGUISHING SYSTEMS, 2024 EDITION
NFPA 20	STATIONARY PUMPS, 2022 EDITION
NFPA 24	PRIVATE FIRE SERVICE MAINS (CALIF. AMENDED), 2022 EDITION
NFPA 72	NATIONAL FIRE ALARM CODE (CALIF. AMENDED), 2022 EDITION (NOTE SEE UL STANDARD 1971 FOR "VISUAL DEVICES")
NFPA 80	FIRE DOOR AND OTHER OPENING PROTECTIVES, 2022 EDITION
NFPA 253	CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS, 2023 EDITION
NFPA 2001	CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CALIF. AMENDED), 2022 EDITION

PROJECT DESCRIPTION

SCOPE OF WORK
INTERIOR RENOVATION OF FINISHES AND CASEWORK IN CLASSROOMS 2 & 3 LOCATED WITHIN BUILDING "I" AT THE ATLAS ELEMENTARY SCHOOL.

PER THE DIRECTION OF THE DISTRICT, THIS PROJECT WILL NOT BE SUBMITTED FOR DSA (DIVISION OF THE STATE ARCHITECT) REVIEW.

INSPECTOR OF RECORD

A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT 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. THE PROJECT INSPECTOR SHALL BE CERTIFIED BY DSA TO INSPECT CLASS III AND RBIP MINIMUM CONSTRUCTION.

SHEET INDEX

GENERAL PROJECT INFORMATION
- T-1.0 GENERAL PROJECT INFORMATION
- T-2.0 ARCH DRAWING INFO AND NOTES

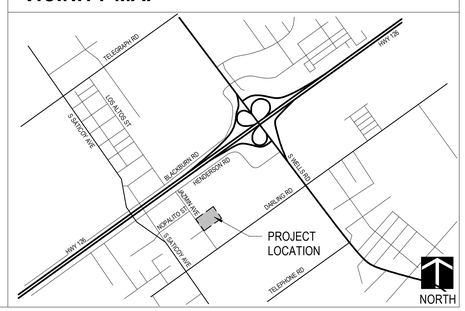
ARCHITECTURAL
- AS-1.0 SITE PLAN
- D-1.1 DEMOLITION PLAN
- D-2.0 DEMOLITION REFLECTED CEILING PLAN
- D-4.0 DEMOLITION INTERIOR ELEVATIONS
- A-1.0 FLOOR PLAN
- A-2.0 REFLECTED CEILING PLAN
- A-4.0 INTERIOR ELEVATIONS
- A-5.0 DOOR & FINISH SCHEDULE
- AD-1.2 TYPICAL WALL, CEILING & DOOR DETAILS
- AD-1.3 TYPICAL CASEWORK DETAILS
- AD-1.4 TYPICAL SIGNAGE DETAILS
- AD-1.5 TYPICAL ACCESSIBLE DETAILS
- AD-1.6 MISC. DETAILS

ELECTRICAL
- E-0.1 NOTES, SYMBOLS, SCHEDULES & DETAILS
- E-1.0 ELECTRICAL SITE PLAN
- E-2.0 ELECTRICAL DEMOLITION PLAN
- E-2.1 POWER PLAN
- E-3.0 LIGHTING DEMOLITION PLAN
- E-3.1 LIGHTING PLAN

PLUMBING
- P-100 PLUMBING NOTES
- P-201 PLUMBING DEMOLITION FLOOR PLAN
- P-301 PLUMBING FLOOR PLAN

24 SHEETS TOTAL

VICINITY MAP



PROJECT TEAM

CLIENT
VENTURA UNIFIED SCHOOL DISTRICT
255 WEST STANLEY AVENUE #100
VENTURA, CA 93108
T. 805.485.3111

CAMPUS
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VENTURA, CA 93004

PROJECT MANAGER
TERRI ALLISON
VUSD FACILITIES PLANNER
T. 805.289.7981

ARCHITECT
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285 N. VENTURA, CA 93003
T. 805.626.5330
TYSON CLINE, PRINCIPAL IN CHARGE
CARLOS SANDOVAL, PROJECT MANAGER

ELECTRICAL
LEAF ENGINEERS
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RANCHO CUCAMONGA, CA 91730
T. (909) 987-0909
REX WANG, PROJECT ENGINEER

MECHANICAL / PLUMBING
AE GROUP MECHANICAL ENGINEERS
838 EAST FRONT STREET
VENTURA, CA 93001
PHIL WHITE
P : (805) 653-1722

ARCHITECT'S STATEMENT OF GENERAL CONFORMANCE

☒ THE DRAWINGS OR SHEETS LISTED ON THE COVER SHEET OR INDEX SHEET

☐ THIS DRAWING, PAGE OR SPECIFICATION/CALCULATIONS

HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THE STATE. IT HAS BEEN EXAMINED BY ME FOR:

1. DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OR REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND
2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THE PROJECT.

I CERTIFY THAT:
☒ ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET
☐ THIS DRAWING OR PAGE

☒ IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND
☒ HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

SIGNATURE — DATE: 01/30/2024

ARCHITECT IN RESPONSIBLE CHARGE: TYSON CLINE
LICENSE NUMBER: C-34436
EXPIRATION DATE: 1-31-2025

Roesling Nakamura Terada Architects
285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
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LICENSED ARCHITECT — TYSON CLINE NO. C-34436 — REN. 1-31-25 — STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

ATLAS CLASSROOMS 2 AND 3 CONVERSION

760 JAZMIN AVE
VENTURA, CA 93004

BID SET 2/15/2024

No.	Description	Date

Sheet Name

GENERAL PROJECT INFORMATION

RNT Project No.	22943.01
Date	02/08/2024
Drawn by	CLD
Checked by	CS

Sheet Number

T-1.0

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DEMOLITION NOTES

1. IDENTIFY ALL DAMAGED ELEMENTS DESIGNATED TO REMAIN OR BE RELOCATED. REQUEST CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH DEMOLITION WORK.
2. GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND VERIFYING DEMOLITION PLANS IN RELATION TO CONSTRUCTION DRAWINGS. CONTRACTOR SHALL VERIFY AND COORDINATE THE EXTENT OF DEMOLITION WORK WITH NEW WORK. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL CONFLICTS, DISCREPANCIES OR PROBLEMS.
3. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO DEMOLITION. THE CONTRACTOR SHALL BEWARE OF POTENTIAL HAZARDS FROM DEMOLITION WORK NEAR UTILITIES. PIPES AND CONDUIT ENCOUNTERED IN DEMOLISHED PARTITIONS AND AREAS WHICH ARE TO REMAIN IN USE SHALL BE RE-ROUTED AND CONCEALED. THOSE WHICH ARE TO BE ABANDONED SHALL BE CAPPED AND CONCEALED IN FLOOR, WALL OR CEILING.
4. THE CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK REQUIRED INCLUDING THE REMOVAL AND PROPER DISPOSAL OF ALL DEBRIS, BROKEN CONCRETE, ETC., FROM THE SITE. PROPER SHORING SHALL BE EXECUTED FOR THE SAFETY OF THE STRUCTURE AND WORKMEN.
5. THE OWNER SHALL HAVE FIRST RIGHTS OF REFUSAL FOR ALL DEMOLISHED MATERIALS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM DEMOLITION AT NO ADDITIONAL COST TO THE OWNER. THE GENERAL CONTRACTOR SHALL BE EXTREMELY CAREFUL TO PROTECT AND NOT TO DAMAGE ANY PORTION OF EXISTING INSTALLATION NOT BEING REMOVED. ANY EXISTING FACILITIES INDICATED TO REMAIN WHICH ARE SO DAMAGED SHALL BE REPLACED EQUAL TO ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER.
7. CUT EXISTING PORTIONS OF WALLS, FLOORS, CEILINGS, ETC., WHERE INDICATED AND AS NECESSARY FOR NEW WORK. UNLESS SPECIFICALLY SHOWN ON THESE PLANS, NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER, THE ARCHITECT AND THE AUTHORITY HAVING JURISDICTION.
8. ALL TRADES CONCERNED SHALL COORDINATE EACH OTHER'S WORKS PRIOR TO AND DURING DEMOLITION.
9. ANY PROJECTING OR SURFACE-MOUNTED ITEMS BEING ABANDONED SHALL BE REMOVED, CAPPED AND CONCEALED BEHIND FINISHED SURFACES, UNLESS OTHERWISE NOTED. PATCH AND FINISH TO MATCH EXISTING ADJACENT SURFACE.
10. SURFACES WHERE MATERIAL IS REMOVED TO INSTALL NEW WORK OR TO RECEIVE NEW FINISH SHALL BE REPAIRED AND PATCHED TO MATCH ORIGINAL CONDITIONS. RETEXTURE AND REPAINT WALL OR CEILING WHERE PATCHED TO MATCH EXISTING, WITH NO EVIDENCE THAT PATCH HAS OCCURRED.
11. ALL EXISTING AREAS TO REMAIN OR NEW CONSTRUCTION WORK THAT ARE DAMAGED SHALL BE PATCHED AS REQUIRED TO MATCH EXISTING ADJACENT AREA IN MATERIAL, FINISH AND COLOR, UNLESS OTHERWISE NOTED.
12. ALL EQUIPMENT AND MATERIAL WHICH ARE IN OPERATING CONDITION WHEN REMOVED SHALL BE MAINTAINED AS SUCH AND RETURNED TO THE OWNER OR TO BE REINSTALLED WHERE INDICATED. PROPERLY RECONNECT EQUIPMENT TO RESUME OPERATION.
13. CAREFULLY & THOROUGHLY SURVEY EXISTING IRRIGATION SYSTEMS AT AREAS OF TRENCHING PRIOR TO BEGINNING SUCH WORK. MEET WITH OWNER MAINTENANCE STAFF TO COORDINATE SHUT-OFF AT AREAS OF WORK. REPAIR ALL IRRIGATION DAMAGED AS A RESULT OF DEMOLITION & NEW WORK TO ORIGINAL FUNCTIONING CONDITION.
14. ALL TRENCHING OPERATIONS SHALL BE PERFORMED WITH A SPOTTER. SPOTTER SHALL CONTINUOUSLY OBSERVE EXCAVATIONS TO LOCATE IRRIGATION LINES, CONDUITS AND ANY OTHER UTILITIES OR SUBTERRANEAN EQUIPMENT. ANY ITEMS ENCOUNTERED SHALL BE EXCAVATED BY HAND. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY IRRIGATION, UTILITIES, OR OTHER ITEMS DAMAGED AS A RESULT OF EXCAVATION.
15. THE GENERAL CONTRACTOR SHALL BE EXTREMELY CAREFUL TO PROTECT AND NOT TO DAMAGE ANY PORTION OF THE EXISTING INSTALLATION NOT BEING REMOVED
16. REMOVE AND REPLACE LOOSE OR DEFECTIVE PLASTER AND/ OR DRYWALL ON EXISTING FINISHES
17. PATCH AND REPAIR SUBFLOOR AS REQUIRED TO RECEIVE NEW FINISH FLOORING IN A MANNER CONSISTENT WITH HIGH QUALITY WORKMANSHIP

GREEN BUILDING NOTES

FINISH MATERIAL POLLUTANT CONTROL.

1. FINISH MATERIALS SHALL COMPLY WITH CALGREEN SECTIONS 5.714.4.4.1 THROUGH 5.714.4.4.4.5.714.4.4.1 ADHESIVES, SEALANTS AND CAULKS. ADHESIVES, SEALANTS AND CAULKS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS.
   A. ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT PRIMERS AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE, OR SCAQMD RULE 1168 VOC LIMITS, AS SHOWN IN TABLES 5.504.4.1 AND 5.504.4.2 IN DIVISION 5.5. SUCH PRODUCTS ALSO SHALL COMPLY WITH THE RULE 1168 PROHIBITION ON THE USE OF CERTAIN TOXIC COMPOUNDS (CHLOROFORM, ETHYLENE DICHLORIDE, METHYLENE CHLORIDE, PERCHLOROETHYLENE, AND TRICHLOROETHYLENE), EXCEPT FOR AEROSOL PRODUCTS AS SPECIFIED IN SUBSECTION B, BELOW.
   B. AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN ONE POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH STATEWIDE VOC STANDARDS AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS, OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH CALGREEN SECTION 94507.
2. PAINTS AND COATINGS. ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN TABLE 1 OF THE ARB ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, AS SHOWN IN TABLE 5.504.4.3 IN DIVISION 5.5,UNLESS MORE STRINGENT LOCAL LIMITS APPLY. THE VOC CONTENT LIMIT FOR COATINGS THAT DO NOT MEET THE DEFINITIONS FOR THE SPECIALTY COATINGS CATEGORIES LISTED IN TABLE5.504.4.3, SHALL BE DETERMINED BY CLASSIFYING THE COATING AS A FLAT, NON FLAT OR NON FLAT-HIGH GLOSS COATING, BASED ON ITS GLOSS, AS DEFINED IN SUBSECTIONS 4.21, 4.36 AND 4.37OF THE 2007 CALIFORNIA AIR RESOURCES BOARD, SUGGESTED CONTROL MEASURE, AND THE CORRESPONDING FLAT, NON FLAT, OR NON FLAT-HIGH GLOSS VOC LIMIT IN TABLE 5.504.4.3 SHALL APPLY.
   A. AEROSOL PAINTS AND COATINGS. AEROSOL PAINTS AND COATINGS SHALL MEET THE PRODUCT-WEIGHTED MIR LIMITS FOR ROC IN SECTION 94522(A)(3) AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING SUBSTANCES, IN SECTIONS 94522(C)(2) AND (D)(2) OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION94520; AND IN AREAS UNDER THE JURISDICTION OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT ADDITIONALLY COMPLY WITH THE PERCENT VOC BY WEIGHT OF PRODUCT LIMITS OF REGULATION 8 RULE 49.
   B. VERIFICATION. VERIFICATION OF COMPLIANCE WITH THIS SECTION SHALL BE PROVIDED AT THE REQUEST OF THE ENFORCING AGENCY. DOCUMENTATION MAY INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:
      1. MANUFACTURERS PRODUCT SPECIFICATION
      2. FIELD VERIFICATION OF ON-SITE PRODUCT CONTAINERS
3. CARPET SYSTEMS. ALL CARPET INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE TESTING AND PRODUCT REQUIREMENTS OF ONE OF THE FOLLOWING:
   A. CARPET AND RUG INSTITUTE'S GREEN LABEL PLUS PROGRAM
   B. CALIFORNIA DEPARTMENT OF PUBLIC HEALTH STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS, VERSION 1.1,FEBRUARY 2010 (ALSO KNOWN AS SPECIFICATION 01350)
   C. NSF/ANSI 140 AT THE GOLD LEVEL OR HIGHER
   D. SCIENTIFIC CERTIFICATIONS SYSTEMS SUSTAINABLE CHOICE
4. CARPET CUSHION. ALL CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE REQUIREMENTS OF THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM.
5. CARPET ADHESIVE. ALL CARPET ADHESIVE SHALL MEET THE REQUIREMENTS OF TABLE 5.504.4.1 IN DIVISION 5.5.
6. COMPOSITE WOOD PRODUCTS. HARDWOOD PLYWOOD, PARTICLEBOARD AND MEDIUM DENSITY FIBERBOARD COMPOSITE WOOD PRODUCTS USED ON THE INTERIOR OR EXTERIOR OF THE BUILDING SHALL MEET THE REQUIREMENTS FOR FORMALDEHYDE AS SPECIFIED IN ARB'S AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD (17 CCR 93120 ET SEQ.), BY OR BEFORE THE DATES SPECIFIED IN THOSE SECTIONS, AS SHOWN IN TABLE 5.504.4.5 IN DIVISION 5.5.
   A. DOCUMENTATION. VERIFICATION OF COMPLIANCE WITH THIS SECTION SHALL BE PROVIDED AS REQUESTED BY THE ENFORCING AGENCY. DOCUMENTATION SHALL INCLUDE AT LEAST ONE OF THE FOLLOWING.
      1. PRODUCT CERTIFICATIONS AND SPECIFICATIONS
      2. CHAIN OF CUSTODY CERTIFICATIONS
      3. PRODUCT LABELED AND INVOICED AS MEETING THE COMPOSITE WOOD PRODUCTS REGULATION (SEE CCR, TITLE 17, SECTION 93120, ET SEQ.)
      4. EXTERIOR GRADE PRODUCTS MARKED AS MEETING THE PS-1 OR PS-2 STANDARDS OF THE ENGINEERED WOOD ASSOCIATION, THE AUSTRALIAN AS/NZS 2269 OR EUROPEAN 636 3S STANDARDS
      5. OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY
7. RESILIENT FLOORING SYSTEMS. FOR 50 PERCENT OF FLOOR AREA RECEIVING RESILIENT FLOORING, INSTALL RESILIENT FLOORING COMPLYING WITH THE VOC-EMISSION LIMITS DEFINED IN THE 2009 COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CHPS) CRITERIA AND LISTED ON ITS HIGH PERFORMANCE DATABASE; PRODUCTS COMPLIANT WITH CHPS CRITERIA CERTIFIED UNDER THE GREENGUARD CHILDREN & SCHOOLS PROGRAM; CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI) FLOOR SCORE PROGRAM; OR MEET CALIFORNIA DEPARTMENT OF PUBLIC HEALTH 2010 STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS, VERSION 1.1, FEBRUARY 2010 (ALSO KNOWN AS SPECIFICATION01350.)
   A. VERIFICATION OF COMPLIANCE. DOCUMENTATION SHALL BE PROVIDED VERIFYING THAT RESILIENT FLOORING MATERIALS MEET THE POLLUTANT EMISSION LIMITS.

SIGNAGE NOTES

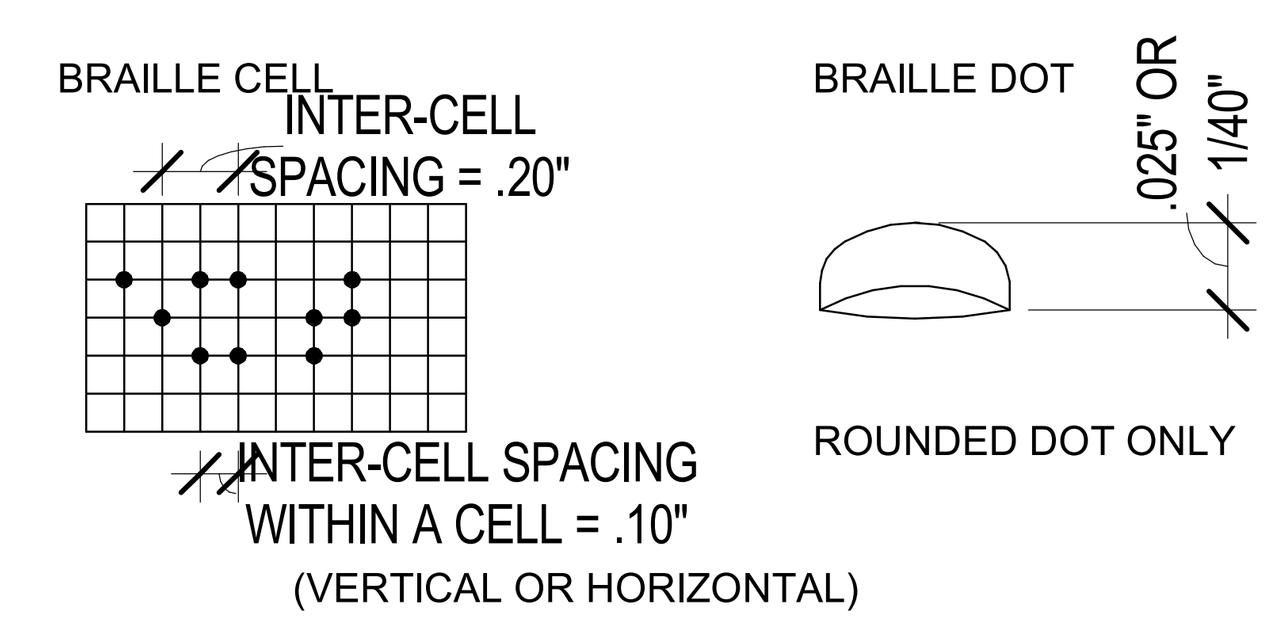
VERIFY ALL SIGN TEXT WITH ***DISTRICT*** PRIOR TO MANUFACTURING SIGNAGE.

1. ALL SIGNS (AT MAIN ENTRANCES, TOILETS, PERMANENT ROOMS AND ASSISTIVE LISTENING SYSTEM(S), ETC.) SHALL COMPLY WITH CBC SECTION 11B-216.

2. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS AS SET FORTH AND AS SPECIFICALLY REQUIRED IN THESE NOTES.

3. COLOR OF SYMBOL: THE SYMBOL SPECIFIED ABOVE SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 595B.

4. BRAILLE SYMBOLS: CALIFORNIA CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED. ROUNDED OR DOMED DOTS, EACH DISTINCT AND SEPARATE, SHALL BE 1/10 INCH ON CENTER IN EACH CELL WITH 2/10 INCH SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40 INCH ABOVE THE BACKGROUND.

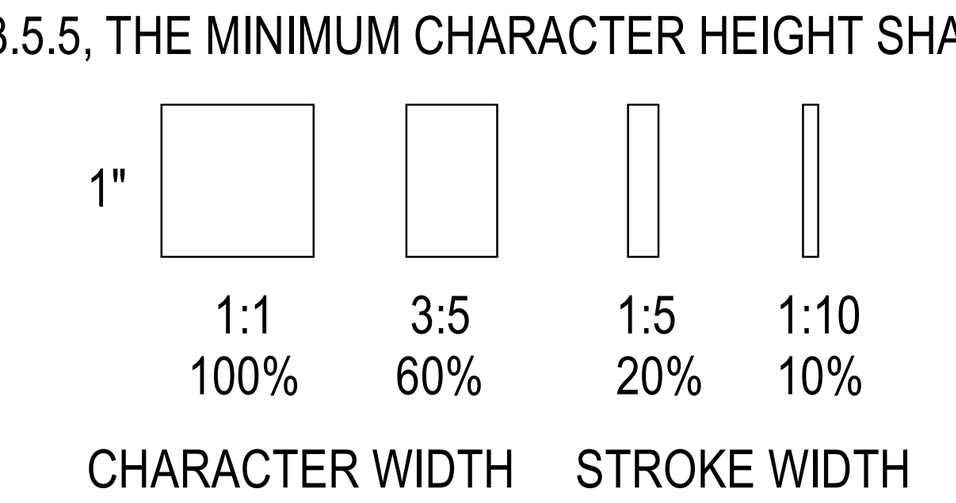


5. CHARACTER PROPORTION: VISUAL CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 10 PERCENT MINIMUM AND 20 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER. CBC 11B-703.2.

6. CHARACTER HEIGHT: CHARACTERS ON SIGNS REQUIRED TO BE ACCESSIBLE BY SECTION 11B-216.3. SHALL BE SIZED ACCORDING TO THE FOLLOWING TABLE. THE MINIMUM HEIGHT IS MEASURED USING AN UPPERCASE LETTER "I". LOWERCASE CHARACTERS ARE PERMITTED. VIEWING DISTANCE SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CHARACTER AND AN OBSTRUCTION PREVENTING FURTHER APPROACH TOWARDS THE SIGN.

FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR IN COMPLIANCE WITH SECTION 11B-703.5.5, THE MINIMUM CHARACTER HEIGHT SHALL BE 3 INCHES.

TEMPLATE FOR CHECKING CHARACTER AND STROKE WIDTH TO HEIGHT PROPORTIONS:



7. FINISH AND CONTRAST OF SYMBOL: CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTER ON A LIGHT BACKGROUND. CONTRAST MUST BE A 70% MINIMUM. CHARACTERS AND BACKGROUND SHALL HAVE A NO-GLARE FINISH. CBC 11B-703.5.1

8. RAISED CHARACTERS AND PICTORIAL SYMBOL SIGNS. WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING:
   A. TYPE: LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32 INCH MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED CALIFORNIA CONTRACTED GRADE 2 BRAILLE (SEE NOTE 4).
   B. SIZE: RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8 INCH HIGH AND A MAXIMUM OF 2 INCHES HIGH.
   C. PICTORIAL SYMBOL SIGN (PICTOGRAMS): PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6 INCHES IN HEIGHT.
   D. CHARACTER PLACEMENT: CHARACTERS AND BRAILLE SHALL BE IN A HORIZONTAL FORMAT. BRAILLE SHALL BE PLACED A MINIMUM OF 1/8 INCH AND A MAXIMUM OF ½ INCH DIRECTLY BELOW THE TACTILE CHARACTERS; FLUSH LEFT OR CENTERED. WHEN TACTILE TEXT IS MULTI-LINED, ALL BRAILLE SHALL BE PLACED TOGETHER BELOW ALL LINES OF TACTILE TEXT.
   E. 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". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.

9. ENTRANCE SIGNS: ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.

10. INFORMATION POSTED: BUILDINGS THAT HAVE BEEN REMODELED TO PROVIDE SPECIFIC SANITARY FACILITIES AND/OR ELEVATORS FOR PUBLIC USE THAT CONFORM TO THESE BUILDING STANDARDS SHALL HAVE THIS INFORMATION POSTED IN THE BUILDING LOBBY, PREFERABLY AS PART OF THE BUILDING DIRECTORY.

11. MOUNTING LOCATION AND HEIGHT: WHERE PERMANENT IDENTIFICATION SIGNS ARE PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
WHERE PERMANENT IDENTIFICATION SIGNAGE IS PROVIDED FOR ROOMS AND SPACES THEY SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE ENTERS THE ROOM OR SPACE. SIGNS THAT IDENTIFY EXITS SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE EXITS THE ROOM OR SPACE.
SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASE LINE OF THE LOWEST LINE OF BRAILLE AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

ACCESS COMPLIANCE NOTES

WALKS AND SIDEWALKS

1. CONTINUOUS SURFACE: WALKS AND SIDEWALKS SUBJECT TO THESE REGULATIONS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2 INCH AND SHALL BE A MINIMUM OF 48 INCHES IN WIDTH. CROSS-SLOPES SHALL NOT EXCEED 2%. SLOPE IN DIRECTION OF TRAVEL SHALL NOT EXCEED 5%. CBC 11B-403.3. SURFACES SHALL BE SLIP-RESISTANT AS FOLLOWS: (SECTION 11B-302)
   A. SLOPES LESS THAN 6 PERCENT: SURFACES WITH A SLOPE OF LESS THAN 6 PERCENT GRADIENT SHALL BE AT LEAST AS SLIP-RESISTANT AS DESCRIBED FOR A MEDIUM SALTED (MEDIUM BROOM) FINISH.
   B. SLOPES 6 PERCENT OR GREATER: SURFACES WITH A SLOPE GREATER THAN 6 PERCENT GRADIENT SHALL BE SLIP-RESISTANT.
2. GRATINGS: WALKS, SIDEWALKS AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2 INCH (13 MM) IN THE DIRECTION OF TRAFFIC FLOW. (2010 ADA STANDARDS FOR ACCESSIBLE DESIGN 302.3)
3. CHANGES IN LEVEL: ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2 INCH. WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT VERTICAL IN 2 UNITS HORIZONTAL, EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4 INCH MAY BE VERTICAL. WHEN CHANGES IN LEVELS GREATER THAN 1/2 INCH ARE NECESSARY THEY SHALL COMPLY WITH THE REQUIREMENTS FOR RAMPS PER CBC 11B-405 OR CURB RAMPS PER CBC 11B-406.
4. WARNING CURBS: ABRUPT CHANGES IN LEVEL, EXCEPT BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY, EXCEEDING 4 INCHES IN A VERTICAL DIMENSION, SUCH AS AT PLANTERS OR FOUNDATIONS LOCATED IN OR ADJACENT TO WALKS, SIDEWALKS OR OTHER PEDESTRIAN WAYS, SHALL BE IDENTIFIED BY CURBS PROJECTING AT LEAST 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE TO WARN THE BLIND OF A POTENTIAL DROP OFF. WHEN A GUARDRAIL OR HANDRAIL IS PROVIDED, NO CURB IS REQUIRED WHEN A GUIDE RAIL IS PROVIDED CENTERED 2 TO 4 INCHES ABOVE THE WALK OR SIDEWALK. (SECTION 11B-303.5)
5. PROVIDE A 60" X 60" LEVEL AREA WHERE A DOOR (OR GATE) SWINGS TOWARD THE WALK IN THE ACCESSIBLE ROUTE OF TRAVEL. EXTEND WALK A MINIMUM 24" BEYOND THE STRIKE EDGE OF ANY DOOR (OR GATE) THAT SWINGS TOWARDS THE WALK.
6. WALKS WITH CONTINUOUS GRADIENTS SHALL BE PROVIDED WITH LEVEL AREAS A MINIMUM 5'-0" LONG AT INTERVALS OF 400'-0" MAXIMUM PER SECTION 11B-403.7.
7. A 36" WIDE DETECTABLE WARNING MATERIAL SHALL BE PROVIDED AT BOUNDARIES BETWEEN WALKWAYS AND VEHICULAR WAYS. MATERIAL SHALL COMPLY WITH CRITERIA OF SECTIONS 11B-705.
8. COLOR YELLOW FOR DETECTABLE WARNING SURFACE SHALL CONFORM TO COLOR NO. 33538 PER FEDERAL STANDARD NO. 595C, EXCEPT AT CURB RAMPS, ISLANDS, OR CUT-THROUGH MEDIANS. (CBC SECTIONS 11B-705.1.1.5)
9. PROVIDE MINIMUM 5 YEAR WARRANTY FOR DETECTABLE WARNING SURFACE.

PEDESTRIAN RAMPS

1. THE ALLOWABLE CROSS SLOPE AT PEDESTRIAN RAMPS SHALL BE 1/4 INCH PER FOOT (2%) MAXIMUM, PER SECTION 11B-405.3.
2. RAMP SURFACES SHALL BE SLIP-RESISTANT.
3. RAMPS SHALL HAVE A MINIMUM CLEAR WIDTH OF 48 INCHES, PER SECTION 11B-405.5. WHERE A RAMP SERVES A BUILDING HAVING AN OCCUPANT LOAD OF 300 OR MORE, THE MINIMUM CLEAR WIDTH SHALL BE 60 INCHES.
4. REQUIRED LANDINGS AT THE TOP AND BOTTOM OF RAMPS, PER SECTION 11B-405.7:
   A. THE BOTTOM LANDING SHALL BE GREATER OR EQUAL TO 72" IN THE DIRECTION OF TRAVEL.
   B. THE TOP LANDING SHALL BE A MINIMUM OF 60" X 60".
   C. WHERE THE CHANGE IN ELEVATION IS GREATER THAN 30", PROVIDE INTERMEDIATE LANDINGS SO THAT EACH RAMP RUN IS NO MORE THAN 30" IN HEIGHT. WHERE THERE IS A CHANGE OF DIRECTION, PROVIDE A LANDING OF 72" MINIMUM IN THE DIRECTION OF RAMP RUN. PROVIDE A LANDING OF 60" IN THE DIRECTION OF RAMP RUN IN OTHER INTERMEDIATE LANDINGS.

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THAT ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE APPLICABLE CODES AND FEDERAL REQUIREMENTS AND REGULATIONS.
2. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL DIMENSIONS PRIOR TO SUBMITTING A BID. THE CONTRACTOR IS ALSO RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.
3. VERIFY ALL EXISTING CONDITIONS, GRADES, ELEVATIONS AND DIMENSIONS BEFORE STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY OR INCONSISTENCY.
4. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL EXISTING UTILITY SERVICES IN THE AREA TO BE EXCAVATED PRIOR TO THE BEGINNING OF EXCAVATION. THE CONTRACTOR SHALL PROTECT ALL UTILITY LINES AND SERVICE LINES TO REMAIN WHICH ARE ENCOUNTERED DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENFORCEMENT OF FEDERAL AND STATE OF CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REQUIREMENTS AND REGULATIONS.
6. DO NOT SCALE ANY DRAWINGS IN THIS SET. SUBMIT A REQUEST FOR INFORMATION TO THE ARCHITECT PRIOR TO BID IF A SPECIFIC DIMENSION IS NEEDED FOR ITS BID PREPARATION BUT IS NOT AVAILABLE IN THE CONTRACT DOCUMENTS.
7. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS. SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
8. ALL OMISSIONS AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY BEFORE PROCEEDING WITH ANY WORK SO INVOLVED. NO CHANGES ARE TO BE MADE UNLESS THE ARCHITECT AND THE OWNER ARE NOTIFIED IN WRITING AND APPROVE SUCH A CHANGE ACCORDING TO THE CONTRACT.
9. THE ARCHITECT IS NOT RESPONSIBLE FOR ASBESTOS ABATEMENT.
10. PROVIDE BACKING AT ALL INDICATED LOCATIONS OF FIXTURES, SIGNS, HANDRAILS, ETC.
11. TRADE NAMES AND MANUFACTURERS REFERRED TO ARE FOR QUALITY STANDARDS ONLY. SUBSTITUTIONS WILL BE PERMITTED AS APPROVED BY THE OWNER AND THE ARCHITECT ONLY UPON SUBMITTAL, AND FOR A LIMITED PERIOD.
12. ITEMS SHOWN AS N.I.C. ON PLANS REQUIRE COOPERATION BY THE CONTRACTOR WITH THE OWNER'S THIRD PARTY INSTALLER A, COOPERATION AND COLLATERAL WORK. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF SUPPORT INFRASTRUCTURE FOR N.I.C. EQUIPMENT.
13. CONTRACTOR SHALL VERIFY MINIMUM 2% SITE DRAINAGE TO DRAINAGE INLETS. EXCEPTION: CROSS SLOPE OF ACCESSIBLE PATH OF TRAVEL SHALL BE 2% MAXIMUM.
14. CONTRACTOR SHALL ENSURE ALL FINISH MATERIALS WILL BE FLUSH WHERE NEW FINISH SURFACE MATERIALS JOIN EXISTING TO PROVIDE SMOOTH TRANSITION.
15. CONTRACTOR ACKNOWLEDGES THAT DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE TO REPRESENT THE INTENT OF THE WORK TO BE ACCOMPLISHED. CONTRACTOR IS TO INSTALL MATERIALS AND SYSTEMS WITH EXPERIENCED SKILLED CRAFTSMEN WHO WILL BE RESPONSIBLE FOR THE INTEGRITY OF THEIR RESPECTIVE WORK. NOT EVERY DETAIL OF EACH CONDITION IS DRAWN. CONTRACTOR AND SUB-CONTRACTOR ARE RESPONSIBLE FOR COMPLETE WORKMANLIKE INSTALLATION OF ALL MATERIALS AND SYSTEMS AND WILL NEED TO PROVIDE ADDITIONAL DETAILS FOR INSTALLATION BASED ON GENERAL INFORMATION SHOWN. FOR INSTANCE, NOT EVERY WATERPROOFING OR FLASHING DETAIL FOR EVERY CONDITION IS SHOWN. CONTRACTOR IS TO PROVIDE DETAILS AND INSTALLATION FOR A COMPLETE WATERTIGHT INSTALLATION.
16. CHANGES TO THE DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE OWNER.
17. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
18. THE FINISH SURFACE OUTSIDE EVERY EXTERIOR DOOR SHALL SLOPE NO MORE THAN 2% IN ANY DIRECTION IN THE AREA EXTENDING 66" IN FRONT OF THE DOOR AND 30" ON EACH SIDE
19. PROVIDE WEATHERSTRIPPING, CAULKING, FLASHING, AND OTHER MATERIALS AND DETAILING AS SHOWN IN THE DRAWINGS AND AS NECESSARY TO ENSURE A WATERPROOF BUILDING ENVELOPE.
20. WORK SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 33 OF CBC & CFC," FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION"
21. FINAL CLEAN OF ENTIRE WORK AREA, INCLUDING WINDOWS MUST BE COMPLETE BY THE CONTRACTOR.

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VENTURA UNIFIED SCHOOL DISTRICT

ATLAS CLASSROOMS 2 AND 3 CONVERSION

760 JAZMIN AVE
VENTURA, CA 93004

BID SET 2/15/2024

No.	Description	Date

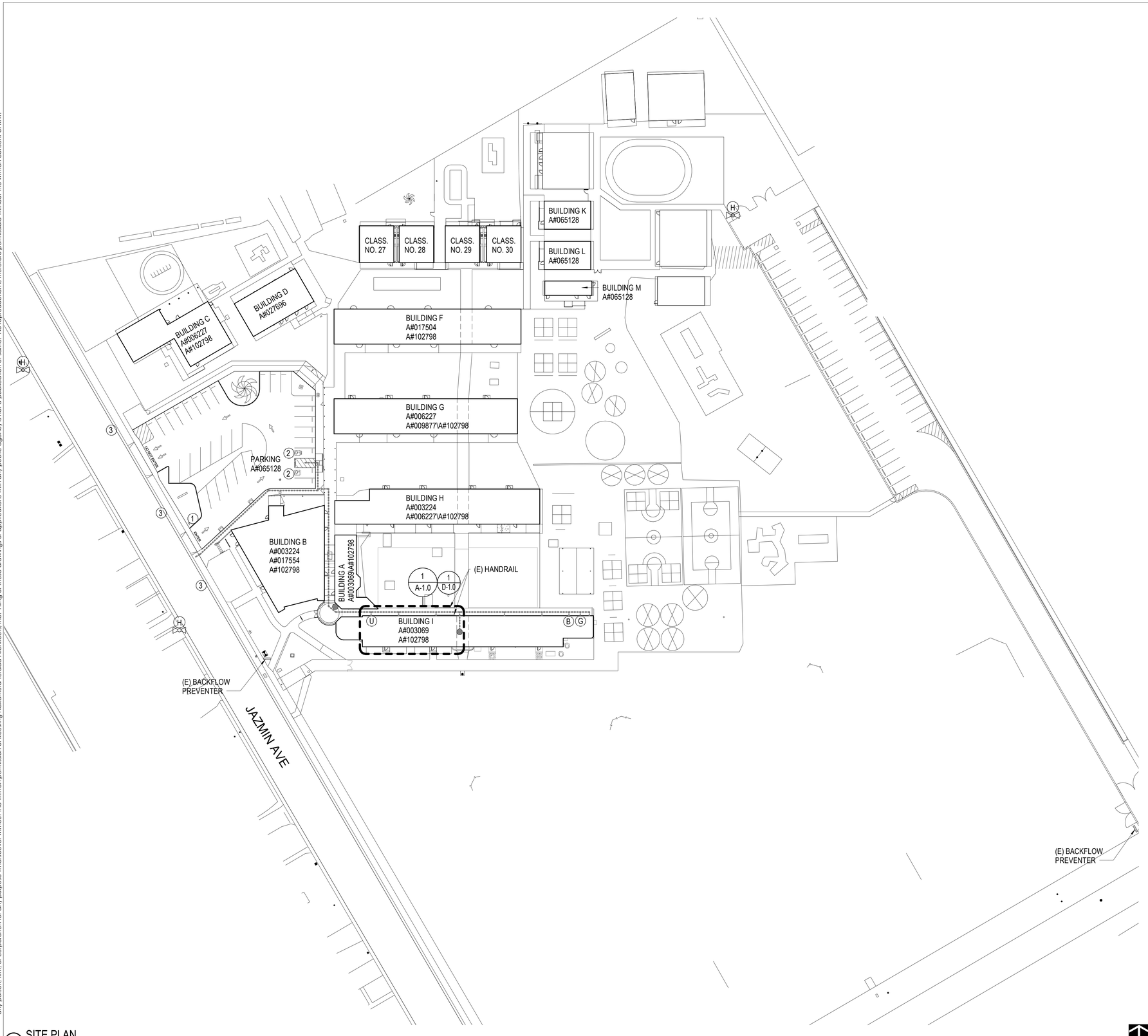
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ARCH DRAWING INFO AND NOTES

RNT Project No.	22943.01
Date	02/08/2024
Drawn by	CLD
Checked by	CS

Sheet Number

T-2.0



1 SITE PLAN
1" = 40'-0"

GENERAL NOTES

1. CONTRACTOR SHALL NOTIFY DIG ALERT (1-800-422-4133) AT LEAST (2) DAYS PRIOR TO STARTING WORK AND SHALL COORDINATE ALL WORK WITH UTILITY COMPANIES.
2. ALL ITEMS ARE CONSIDERED NEW UNLESS NOTED AS (E) EXISTING.
3. IF SHEET IS LESS THAN 24"X36" IT IS A REDUCED PRINT SCALED REDUCED ACCORDINGLY.
4. ITEMS MARKED (E) ARE TO REMAIN AND BE PROTECTED IN PLACE.

LEGEND

- (E) ACCESSIBLE PATH OF TRAVEL
- (H) (E) FIRE HYDRANT
- (B) ACCESSIBLE BOYS' TOILET ROOM
- (G) ACCESSIBLE GIRLS' TOILET ROOM
- (U) (E) UNISEX TOILET ROOM
- (E) ACCESSIBLE DRINKING FOUNTAIN
- (1) (E) TOW-AWAY SIGN
- (2) (E) ACCESSIBLE PARKING STALL
- (3) (E) ACCESSIBLE DROP OFF AREA

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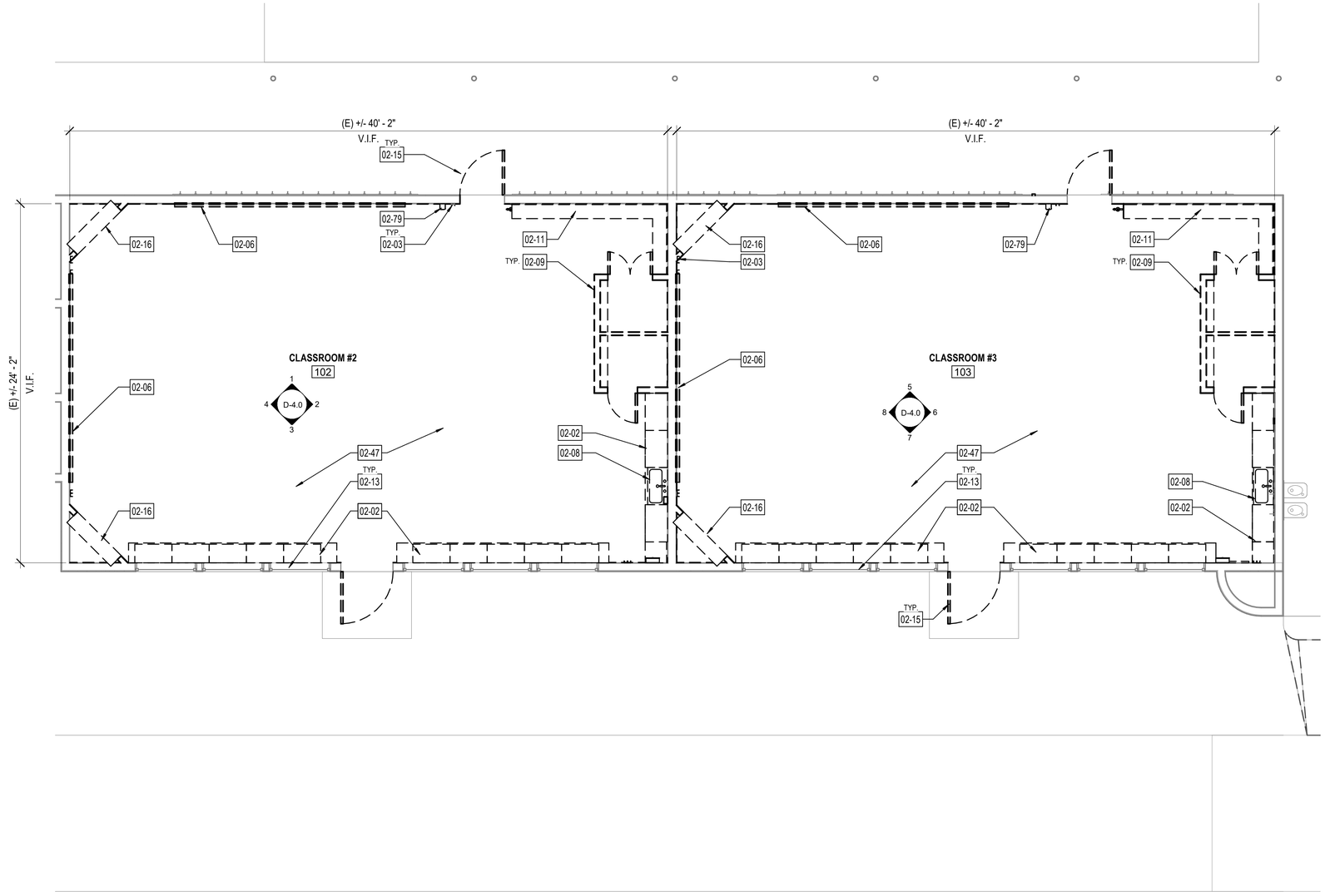
SITE PLAN

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1 DEMO FLOOR PLAN
1/4" = 1'-0"

NORTH

GENERAL NOTES

1. THE CONTRACTOR SHALL LOCATE EXISTING ELECTRICAL, FIRE WATER AND WATER WITHIN PROJECT BOUNDARIES AND ADVISE AS TO FEASIBILITY OF RELOCATION AND/OR REMOVAL.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ALL DISCREPANCIES TO THE ARCHITECT AND DISTRICT REPRESENTATIVE BEFORE PERFORMING THE WORK.
3. IF SHEET IS LESS THAN 24"X36" IT IS A REDUCED PRINT SCALED REDUCED ACCORDINGLY.
4. LIMITS OF DEMOLITION ARE APPROXIMATE.
5. ANY DAMAGE TO ADJACENT SURFACES SHALL BE REPAIRED TO MATCH EXISITNG.
6. PROTECT IN PLACE ALL (E) ITEMS AND FINISHES, UNLESS NOTED OTHERWISE.

LEGEND

PROTECT IN PLACE (E) WALL

REMOVE/ DEMOLISH (E) ITEM

REMOVE (E) DOOR & FRAME U.O.N.

KEYNOTES

02-02	(E) LOWER CABINETS
02-03	REMOVE AND DISPOSE (E) WALL MOUNTED RACEWAY. (E) CABLING TO BE CONCEALED WITHIN WALLS.
02-06	SALVAGE AND RETURN TO DISTRICT (E) WHITE BOARD
02-08	(E) SINK
02-09	(E) +/- 6'-0" TALL PLYWOOD STORAGE CLOSET ENCLOSURE
02-11	(E) SHELF & COAT HOOKS
02-13	PROTECT IN PLACE (E) WINDOWS AND ALL ASSOCIATED WOOD FRAME AND TRIM. CLEAN WINDOWS AND PREPARE TO RECEIVE TINT.
02-15	(E) DOOR & ALL ASSOCIATED WOOD/HOLLOW METAL FRAME & TRIM. RETURN ALL (E) DOOR HARDWARE TO OWNER. REFER TO 5/AD-1.6 FOR PATCHING CEMENT PLASTER AROUND DOOR FRAME
02-16	(E) BUILT-IN CABINETS
02-47	DEMOLISH (E) VYNIL COMPOSITE FLOOR TILE, PREPARE (E) CONCRETE SLAB FOR POLISHING
02-79	REMOVE, SALVAGE & RETURN TO OWNER (E) HAND SANITIZER DISPENSER

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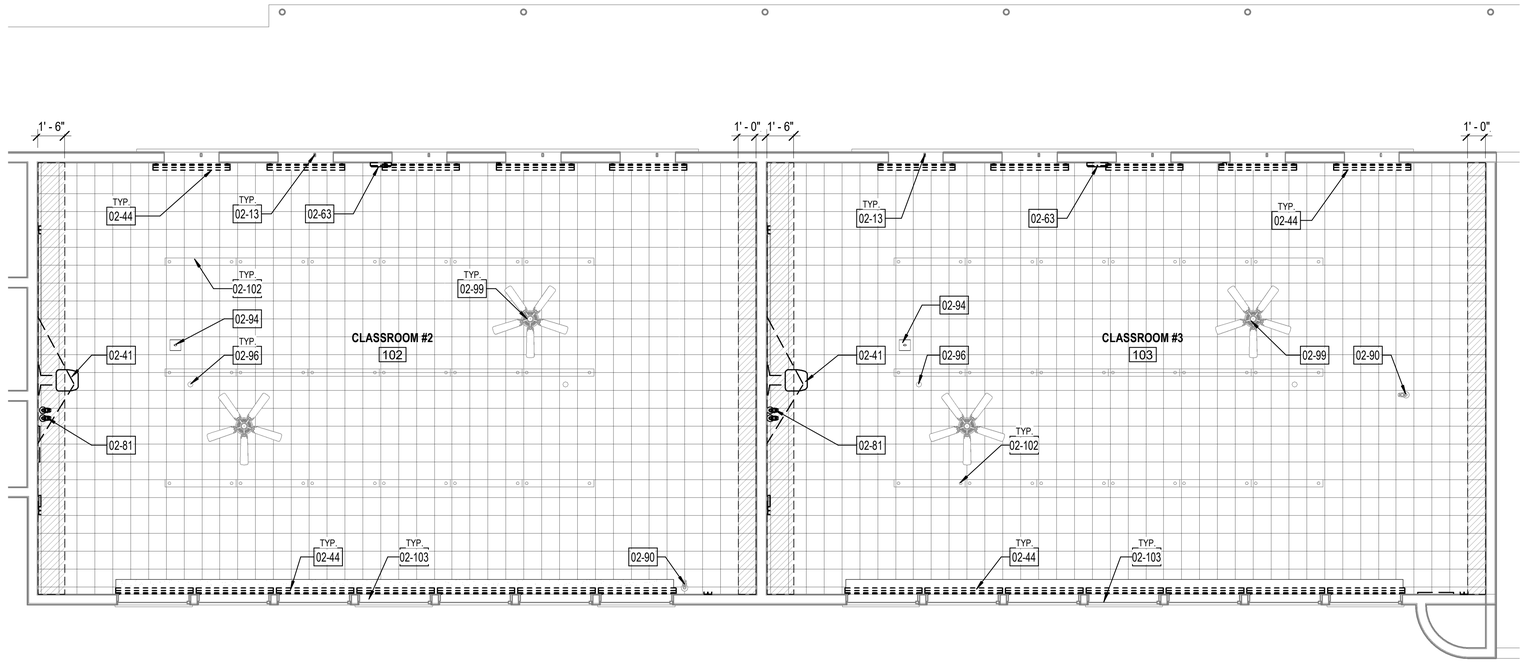
DEMOLITION PLAN

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1 DEMOLITION REFLECTED CEILING PLAN
1/4" = 1'-0"

NORTH

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ALL DISCREPANCIES TO THE ARCHITECT AND DISTRICT REPRESENTATIVE BEFORE PERFORMING THE WORK.
2. PROTECT IN PLACE ALL (E) ITEMS AND FINISHES, UNLESS NOTED OTHERWISE.
3. SEE STRUCTURAL, ELECTRICAL, AND PLUMBING FOR ADDITIONAL DEMO NOTES AND WORK.
4. ALL LIGHT FIXTURES AND DIFFUSERS AT CEILINGS TO REMAIN U.O.N.

LEGEND

- REMOVE AND DISPOSE OF (E) CEILING TILES, P.I.P. (E) CEILING FURRING. REMOVE AND STORE FOR RE-INSTALLATION (E) CEILING LIGHT FIXTURES AND (E) CEILING FANS AS NEEDED TO DEMOLISH TILES AND ACCOMMODATE THE INSTALLATION OF NEW CEILING TILES.
- (E) WALL TO REMAIN, PROTECT IN PLACE
- DEMOLISH (E) ITEM
- REMOVE AND DISPOSE OF EXISTING FURRING TO INSTALL NEW CEILING SOFFIT

KEYNOTES

02-13	PROTECT IN PLACE (E) WINDOWS AND ALL ASSOCIATED WOOD FRAME AND TRIM. CLEAN WINDOWS AND PREPARE TO RECEIVE TINT.
02-41	REMOVE, SALVAGE AND STORE FOR RE-INSTALLATION (E) WALL MOUNTED SHORT THROW PROJECTOR
02-44	REMOVE, SALVAGE & RETURN TO OWNER (E) WINDOW SHADES AND ALL ASSOCIATED HARDWARE
02-63	REMOVE & SALVAGE FOR RE-INSTALLATION (E) WALL MOUNTED CLOCK
02-81	REMOVE & STORE FOR RE-INSTALLATION (E) MOTION SENSOR
02-90	PROTECT IN PLACE (E) MOTION SENSOR
02-94	REMOVE & STORE FOR RE-INSTALLATION (E) WIFI ROUTER, VERIFY LOCATION IN FIELD
02-96	REMOVE & STORE FOR RE-INSTALLATION (E) STROBE LIGHT, VERIFY LOCATION IN FIELD
02-99	P.I.P. (E) CEILING FAN
02-102	PROTECT IN PLACE & CLEAN ALL (E) LIGHT FIXTURE
02-103	PROTECT IN PLACE (E) AND CLEAN WINDOWS AND ALL ASSOCIATED WOOD FRAME AND TRIM.

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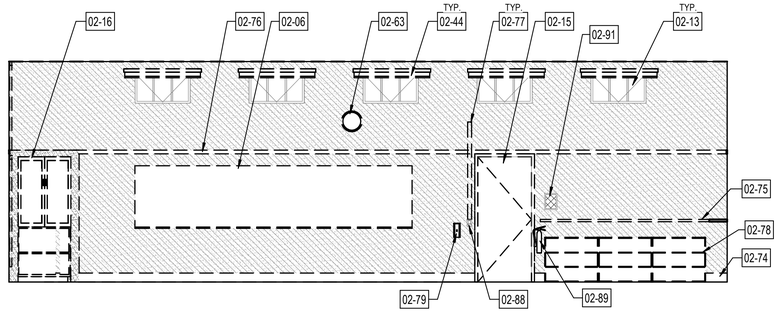
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DEMOLITION REFLECTED CEILING PLAN

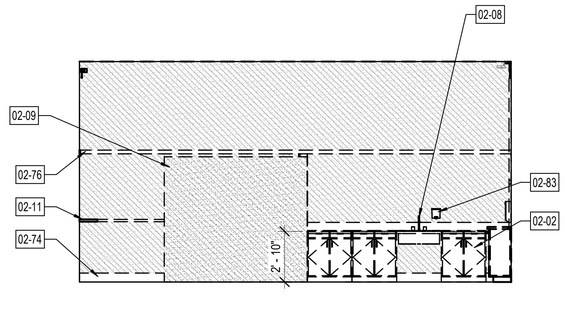
RNT Project No.	22943.01
Date	02/08/2024
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Sheet Number

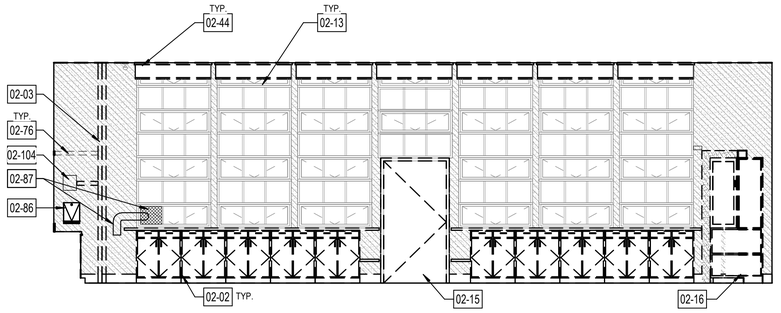
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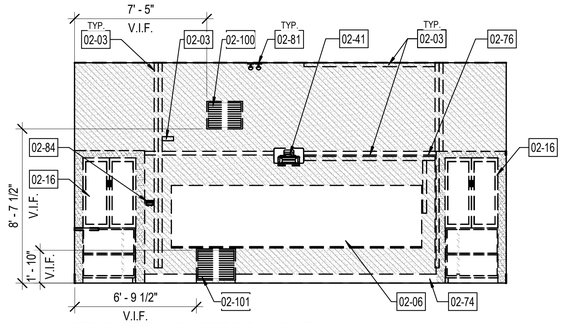
1 DEMOLITION CLASSROOM #2 - A
1/4" = 1'-0"



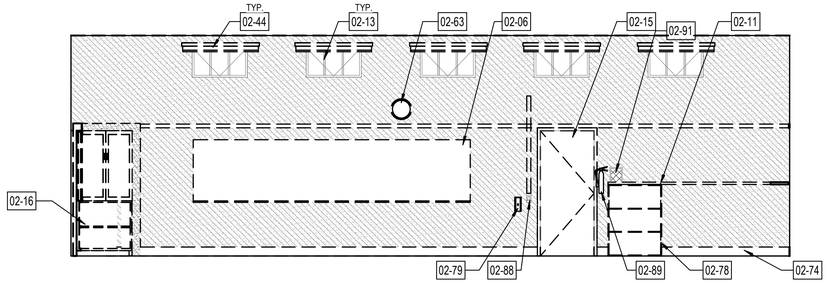
2 DEMOLITION CLASSROOM #2 - B
1/4" = 1'-0"



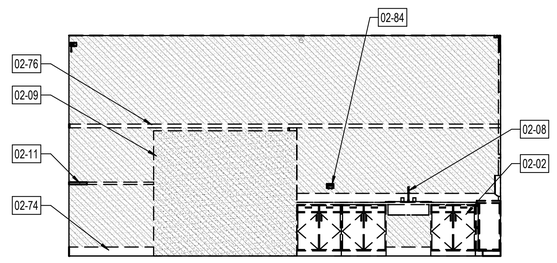
3 DEMOLITION CLASSROOM #2 - C
1/4" = 1'-0"



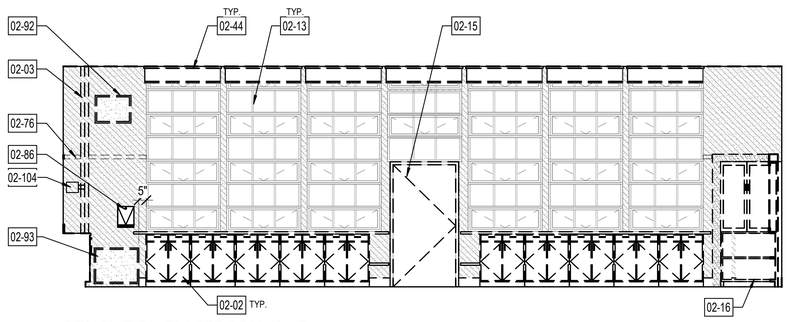
4 DEMOLITION CLASSROOM #2 - D
1/4" = 1'-0"



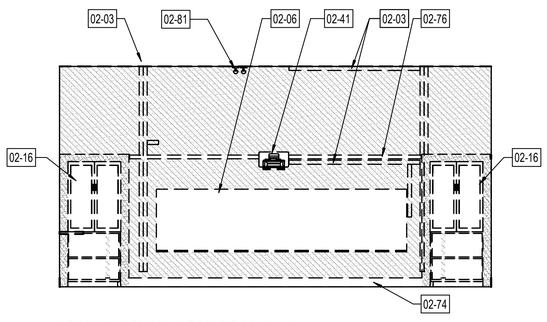
5 DEMOLITION CLASSROOM #3 - A
1/4" = 1'-0"



6 DEMOLITION CLASSROOM #3 - B
1/4" = 1'-0"



7 DEMOLITION CLASSROOM #3 - C
1/4" = 1'-0"



8 DEMOLITION CLASSROOM #3 - D
1/4" = 1'-0"

GENERAL NOTES

1. THE CONTRACTOR SHALL LOCATE EXISTING ELECTRICAL, FIRE WATER, WATER, IRRIGATION, SEWER & STORM WATER WITHIN PROJECT BOUNDARIES AND ADVISE AS TO FEASIBILITY OF RELOCATION AND/OR REMOVAL.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ALL DISCREPANCIES TO THE ARCHITECT AND DISTRICT REPRESENTATIVE BEFORE PERFORMING THE WORK.
3. IF SHEET IS LESS THAN 24"X36" IT IS A REDUCED PRINT SCALED REDUCED ACCORDINGLY.
4. LIMITS OF DEMOLITION ARE APPROXIMATE. ANY DAMAGE TO ADJACENT ASPHALTIC CONCRETE REQUIRES PATCHING AND/OR RESEALING TO RESTORE SURFACES. ANY DAMAGE TO ADJACENT CONCRETE HARDSCAPE MANDATES REPLACEMENT TO THE NEXT CONTROL JOINT WITH NEW CONCRETE.
5. PROTECT IN PLACE ALL (E) ITEMS AND FINISHES, UNLESS NOTED OTHERWISE.

LEGEND

ALL INTERIOR GYPSUM BOARD FINISH TO BE REMOVED AND REPLACED IN KIND, PATCH AS NEEDED AND PREPARE TO RECEIVE PAINT.

KEYNOTES

02-02 (E) LOWER CABINETS
02-03 REMOVE AND DISPOSE (E) WALL MOUNTED RACEWAY. (E) CABLING TO BE CONCEALED WITHIN WALLS.
02-06 SALVAGE AND RETURN TO DISTRICT (E) WHITE BOARD
02-08 (E) SINK
02-09 (E) +/- 6'-0" TALL PLYWOOD STORAGE CLOSET ENCLOSURE
02-11 (E) SHELF & COAT HOOKS
02-13 PROTECT IN PLACE (E) WINDOWS AND ALL ASSOCIATED WOOD FRAME AND TRIM. CLEAN WINDOWS AND PREPARE TO RECEIVE TINT.
02-15 (E) DOOR & ALL ASSOCIATED WOOD/HOLLOW METAL FRAME & TRIM. RETURN ALL (E) DOOR HARDWARE TO OWNER. REFER TO 5/AD-1.6 FOR PATCHING CEMENT PLASTER AROUND DOOR FRAME
02-16 (E) BUILT-IN CABINETS
02-41 REMOVE, SALVAGE AND STORE FOR RE-INSTALLATION (E) WALL MOUNTED SHORT THROW PROJECTOR
02-44 REMOVE, SALVAGE & RETURN TO OWNER (E) WINDOW SHADES AND ALL ASSOCIATED HARDWARE
02-63 REMOVE & SALVAGE FOR RE-INSTALLATION (E) WALL MOUNTED CLOCK
02-74 (E) RUBBER COVE BASE
02-75 (E) SHELF
02-76 (E) WOOD WALL TRIM.
02-77 (E) WALL MOUNTED CONDUIT, ELECTRICAL WIRE TO BE CONCEALED INSIDE (E) WALL.
02-78 REMOVE, SALVAGE AND RETURN TO DISTRICT ALL (E) SHELVING FLOOR CABINETS
02-79 REMOVE, SALVAGE & RETURN TO OWNER (E) HAND SANITIZER DISPENSER
02-81 REMOVE & STORE FOR RE-INSTALLATION (E) MOTION SENSOR
02-83 REMOVE & STORE FOR REINSTALLATION (E) SOAP DISPENSER
02-84 REMOVE, SALVAGE & STORE FOR RE-INSTALLATION (E) THERMOSTAT
02-86 REMOVE & SALVAGE FOR REINSTALLATION (E) PAPER TOWEL DISPENSER
02-87 REMOVE, SALVAGE AND RETURN TO DISTRICT (E) PVC PIPE, FILL OPENING WITH TEMPERED WINDOW GLASS PANEL TO MATCH EXISTING
02-88 PROTECT IN PLACE (E) FIRE ALARM PULL STATION
02-89 REMOVE, SALVAGE FOR REINSTALLATION ALL (E) FIRE EXTINGUISHER
02-91 PROTECT IN PLACE (E) INTERCOM
02-92 REMOVE AND REPLACE (E) SUPPLY GRILL
02-93 REMOVE AND REPLACE (E) RETURN GRILL
02-100 REMOVE (E) SUPPLY GRILL, PREPARE (E) DUCT TO RECEIVE DUCT EXTENSION WHERE REQUIRED.
02-101 REMOVE (E) RETURN GRILL, PREPARE (E) DUCT TO RECEIVE DUCT EXTENSION WHERE REQUIRED.
02-104 REMOVE, SALVAGE AND RE-INSTALL SOLID STATE SPEED CONTROL

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VENTURA UNIFIED SCHOOL DISTRICT

ATLAS CLASSROOMS 2 AND 3 CONVERSION

760 JAZMIN AVE
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DEMOLITION INTERIOR ELEVATIONS

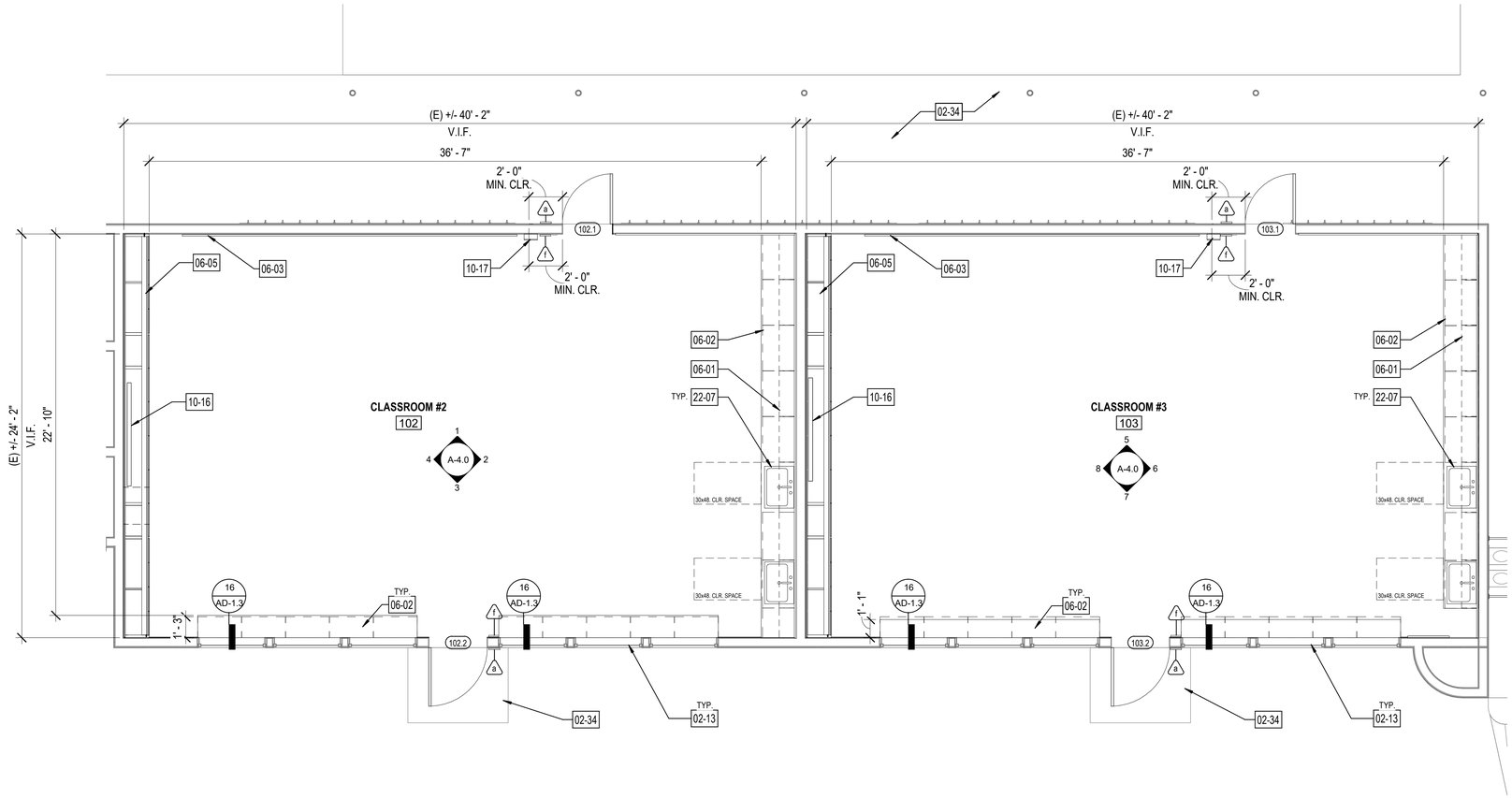
RNT Project No.	22943.01
Date	02/08/2024
Drawn by	Author
Checked by	Checker

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D-4.0

BIM 360://943.01 Atlas Classroom 2 and 3 Conversion/Projects - 943 - VUSD ATLAS E.S. Classrooms 2 & 3 Conversion.rvt
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1 FLOOR PLAN
1/4" = 1'-0"

NORTH

GENERAL NOTES

1. ALL ITEMS ARE CONSIDERED NEW UNLESS NOTED AS (E) EXISTING.
2. IF SHEET IS LESS THAN 24"X36" IT IS A REDUCED PRINT SCALED REDUCED ACCORDINGLY.
3. FINISH SURFACE ELEVATIONS ARE APPROXIMATE, VERIFY IN FIELD.
4. FURNITURE TO BE O.P.O.I.

OCCUPANCY LOAD FACTOR CALCULATIONS

CLASSROOM #2:
OCCUPANCY CLASSIFICAITON: EDUCATIONAL E (CLASSROOM)
OCCUPANT LOAD FACTOR: 20
TOTAL AREA = 970.00 SF

CALCULATION: 970 / 20 = 48.5 OCC.

1 EXIT REQUIRED

CLASSROOM #3:
OCCUPANCY CLASSIFICAITON: EDUCATIONAL E (CLASSROOM)
OCCUPANT LOAD FACTOR: 20
TOTAL AREA = 970.00 SF

CALCULATION: 970 / 20 = 48.5 OCC.

1 EXIT REQUIRED

LEGEND

- (E) WOOD-FRAMED WALL
- (a) BUILDING ROOM SIGNAGE, REFER TO SIGNAGE SCHEDULE ON AD-1.4
- (A-00) DOOR, REFER TO DOOR SCHEDULE ON A-5.0

KEYNOTES

02-13	PROTECT IN PLACE (E) WINDOWS AND ALL ASSOCIATED WOOD FRAME AND TRIM. CLEAN WINDOWS AND PREPARE TO RECEIVE TINT.
02-34	PROTECT IN PLACE (E) CONCRETE PAVING
06-01	UPPER CABINETS, REFER TO 9/AD-1.3
06-02	BASE CABINET, REFER TO 20/AD-1.3
06-03	MAGNETIC WHITE BOARD, REFER TO 8/AD-1.2 FOR ADDITIONAL INFORMATION
06-05	TEACHING WALL CASEWORK, REFER TO 18/AD-1.6
10-16	85" TOUCH SCREEN MONITOR & WALL MOUNTING BRACKET, OFCI. REFER TO 14/AD-1.6 FOR ANCHORAGE
10-17	SEMI-RECESSED FIRE EXTINGUISHER CABINET, REFER TO 4/AD-1.6
22-07	SINK CABINET, REFER TO 17/AD-1.3 FOR ACCESSIBILITY, REFER TO PLUBING DRAWINGS.

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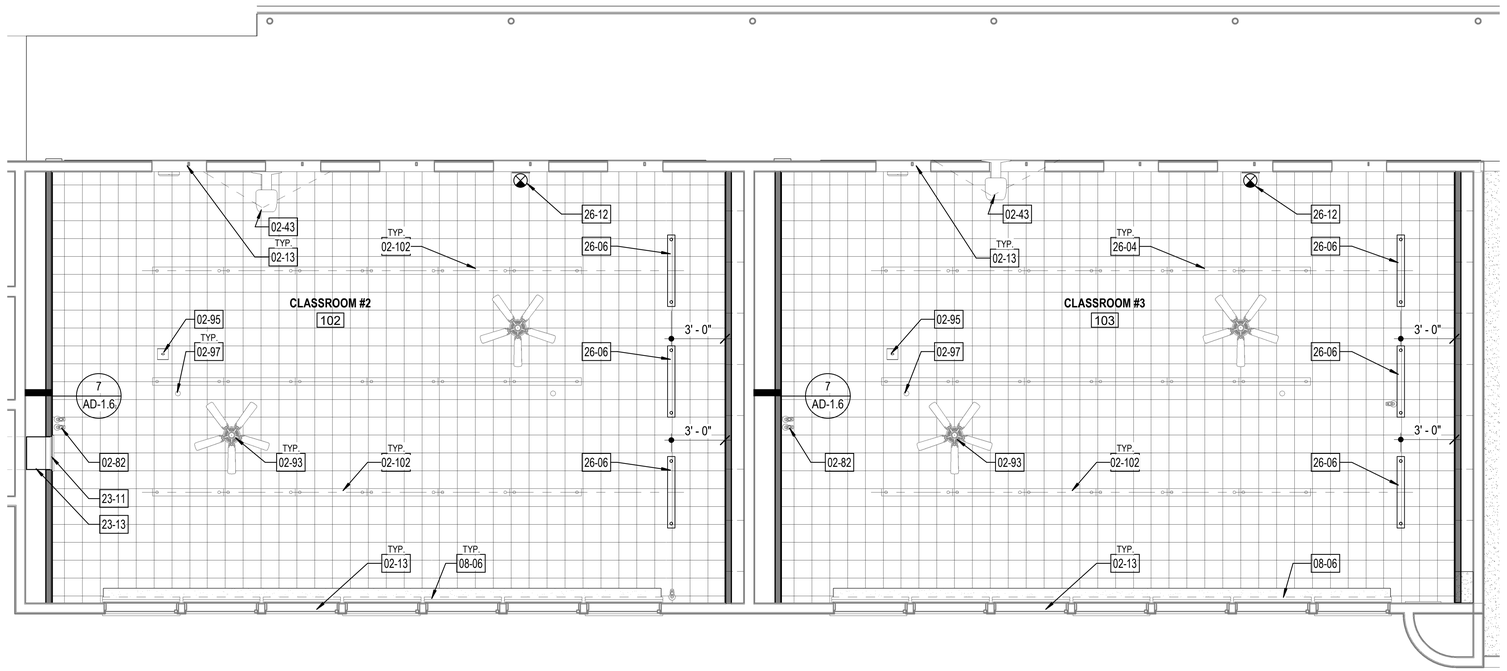
FLOOR PLAN

RNT Project No.	22943.01
Date	02/08/2024
Drawn by	CLD
Checked by	CS

Sheet Number

A-1.0

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1 REFLECTED CEILING PLAN
1/4" = 1'-0"

NORTH

GENERAL NOTES

1. INSTALL ALL REQUIRED BACKING FOR LIGHT FIXTURE SUPPORTS.
2. PAINT ALL EXPOSED STEEL, PIPE, CONDUIT, AND DUCTWORK.
3. DO NOT EXPOSE PIPES OR CONDUITS UNLESS SPECIFICALLY NOTED

LEGEND

- DIRECTLY ATTACHED 12" x 12" ACCOUSTICAL TILE CEILING PANELS
- PROTECT IN PLACE (E) WOOD-FRAMED WALL
- (N) WOOD-FRAMED SOFFIT WALL

KEYNOTES

02-13	PROTECT IN PLACE (E) WINDOWS AND ALL ASSOCIATED WOOD FRAME AND TRIM. CLEAN WINDOWS AND PREPARE TO RECEIVE TINT.
02-43	RE-INSTALL (E) PROJECTOR. REFER TO 20/AD-1.6 FOR ATTACHMENT DETAIL
02-82	RE-INSTALL (E) CEILING MOUNTED MOTION SENSOR
02-93	REMOVE AND REPLACE (E) RETURN GRILL
02-95	RE-INSTALL (E) WIFI ROUTER
02-97	RE-INSTALL STROBE LIGHT
02-102	PROTECT IN PLACE & CLEAN ALL (E) LIGHT FIXTURE
08-06	ROLLER SHADES W/ MANUAL CHAIN TO BE MOUNTED ON THE FACE OF THE (E) WINDOW MULLIONS
23-11	22"x16.5" SUPPLY GRILL
23-13	DUCT EXTENSION, REFER TO 15/AD-1.6
26-04	PROTECT IN PLACE & CLEAN ALL (E) LIGHT FIXTURE, REFER TO ELECTRICAL PLANS.
26-06	SUSPENDED LIGHT FIXTURE TO MATCH EXISTING, REFER TO ELECTRICAL PLANS.
26-12	WALL MOUNTED EXIT SIGN. REFER TO ELECTRICAL DRAWINGS, REFER TO ELECTRICAL PLANS.

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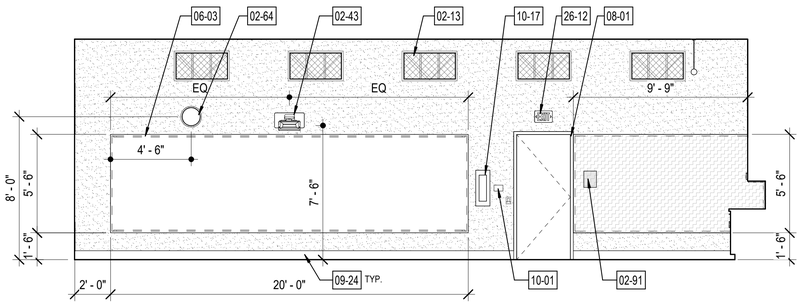
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RNT Project No.	22943.01
Date	02/08/2024
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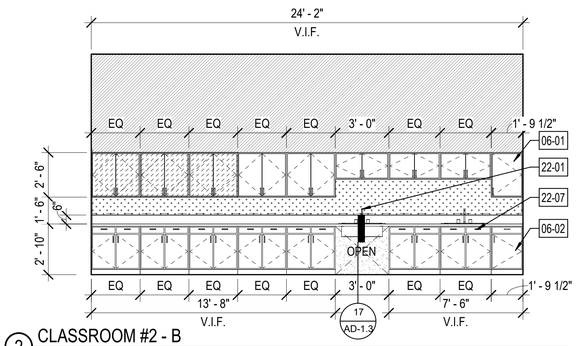
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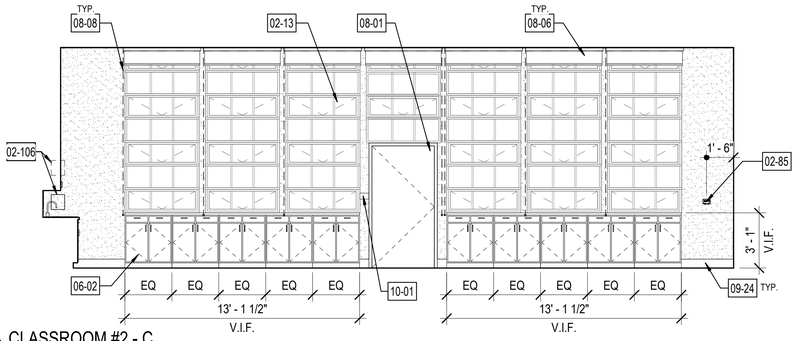
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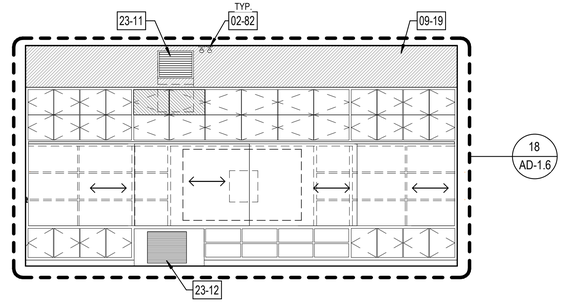
1 CLASSROOM #2 - A
1/4" = 1'-0"



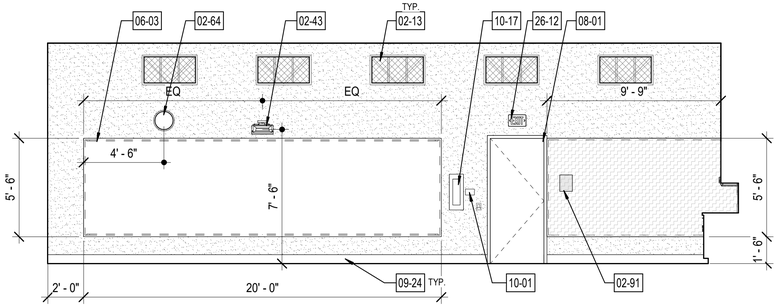
2 CLASSROOM #2 - B
1/4" = 1'-0"



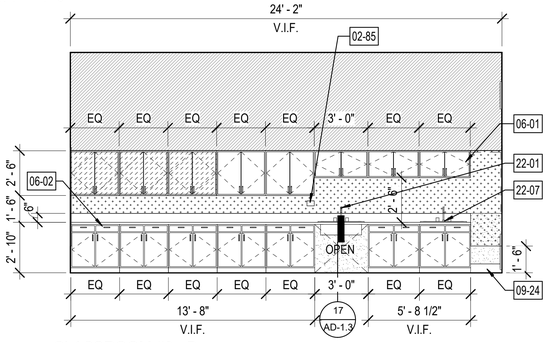
3 CLASSROOM #2 - C
1/4" = 1'-0"



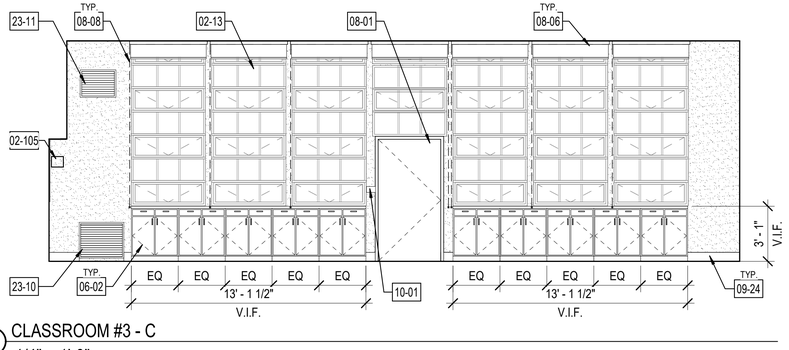
4 CLASSROOM #2 - D
1/4" = 1'-0"



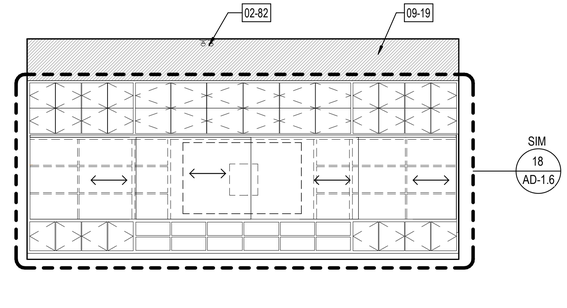
5 CLASSROOM #3 - A
1/4" = 1'-0"



6 CLASSROOM #3 - B
1/4" = 1'-0"



7 CLASSROOM #3 - C
1/4" = 1'-0"



8 CLASSROOM #3 - D
1/4" = 1'-0"

GENERAL NOTES

1. REFER TO CASEWORK DETAILS FOR MORE INFORMATION.
2. ALL FINISHES SHALL COMPLY W/ C.B.C. CHAPTER 3, 4, 6, 7, 8 & 10 & C.F.C.
3. ALL INTERIOR WALL & CEILING FINISHES SHALL MEET THE FLAME SPREAD & SMOKE DEVELOPED INDEXES FOR CLASS C FINISHES, PER CBC TABLE 803.9.
4. ALL EXPOSED GYPSUM BOARD SHALL RECEIVE A LEVEL 4 FINISH U.O.N.
5. COUNTERTOPS SHALL BE PLASTIC LAMINATE U.O.N.
6. ALL EXISTING FACTORY FINISHES SHALL BE EXPOSED. PROTECT FINISH WHEN PAINTING ADJACENT SURFACES.
7. ALL ITEMS ARE CONSIDERED NEW UNLESS NOTED AS (E) EXISTING.
8. IF SHEET IS LESS THAN 24"x36" IT IS A REDUCED PRINT SCALED REDUCED ACCORDINGLY.
9. PATCH (E) WALLS TO MATCH ADJACENT WHERE REQUIRED FOR INSTALLATION OF NEW WORK
10. ALL INTERIOR (E) GYPSUM BOARD TO BE DEMOLISHED AND REPLACED.

LEGEND

- GYPSUM BOARD - 5/8", PAINT PER FINISH SCHEDULE, REFER TO FINISH SCHEDULE FOR PAINT COLORS
- GYPSUM BOARD - 5/8", W/O TEXTURE/ SMOOTH LEVEL 4 FINISH & GLOSS PAINT FOR WALL DECAL BY OWNER, REFER TO FINISH SCHEDULE FOR PAINT COLORS
- LINOLEUM TACKABLE WALLCOVERING
- TACKWALL WALLCOVERING
- WINDOW TINT
- UPPER CABINETS TO HAVE 3 SHELVES
- SOLID CABINET PANEL (NON-OPERABLE)

KEYNOTES

02-13	PROTECT IN PLACE (E) WINDOWS AND ALL ASSOCIATED WOOD FRAME AND TRIM. CLEAN WINDOWS AND PREPARE TO RECEIVE TINT.
02-43	RE-INSTALL (E) PROJECTOR. REFER TO 20/AD-1.6 FOR ATTACHMENT DETAIL
02-64	RE-INSTALL WALL MOUNTED CLOCK
02-82	RE-INSTALL (E) CEILING MOUNTED MOTION SENSOR
02-85	RE-INSTALL AND REWIRE THERMOSTAT AT NEW LOCATION
02-91	PROTECT IN PLACE (E) INTERCOM
02-105	RE-INSTALL SOLID STATE SPEED CONTROL
02-106	RE-INSTALL & RELOCATE SOLID STATE SPEED CONTROL
06-01	UPPER CABINETS, REFER TO 9/AD-1.3
06-02	BASE CABINET, REFER TO 20/AD-1.3
06-03	MAGNETIC WHITE BOARD, REFER TO 8/AD-1.2 FOR ADDITIONAL INFORMATION
08-01	DOOR, REFER TO DOOR SCHEDULE ON SHEET A-5.0
08-06	ROLLER SHADES W/ MANUAL CHAIN TO BE MOUNTED ON THE FACE OF THE (E) WINDOW MULLIONS
08-08	ROLLER SHADES CHAIN
09-19	GYPSUM BOARD W/O TEXTURE/ SMOOTH LEVEL 5 FINISH & GLOSS PAINT FOR WALL DECAL BY OWNER
09-24	RUBBER COVE BASE, REFER TO 18/AD-1.2
10-01	INSTALL SIGNAGE, REFER TO AD-1.4 FOR TYPICAL SIGNAGE DETAILS
10-17	SEMI-RECESSED FIRE EXTINGUISHER CABINET, REFER TO 4/AD-1.6
22-01	SINK, REFER TO AD-1.5 FOR ACCESSIBILITY & REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION
22-07	SINK CABINET, REFER TO 17/AD-1.3 FOR ACCESSIBILITY, REFER TO PLUBING DRAWINGS.
23-10	28"x22" RETURN GRILL
23-11	22"x16.5" SUPPLY GRILL
23-12	24.5"x19" RETURN GRILL W/ 45DEG. DEFLECTION & 1/2" SPACING OVER CASEWORK PANEL, VERIFY (E) SIZE IN FIELD AND MATCH
26-12	WALL MOUNTED EXIT SIGN. REFER TO ELECTRICAL DRAWINGS, REFER TO ELECTRICAL PLANS.

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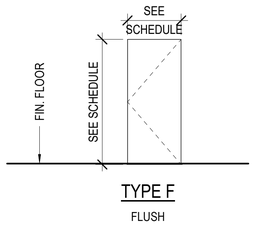
Sheet Number

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DOOR SCHEDULE

MARK	LOCATION	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR THICKNESS	DOOR MATERIAL	DOOR FINISH	DOOR TYPE	HARDWARE SET	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL SILL	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FIRE RATING	REMARKS
102.1	CLASSROOM #2	3' - 0"	7' - 0"	1 3/4"	HM	PT 3	F	SET: 1.0	3 / AD-1.2	10 / AD-1.2 - SIM.	15 / AD-1.2	1	HM	PT 3		1,2
102.2	CLASSROOM #2	3' - 6"	6' - 10"	1 3/4"	HM	PT 3	F	SET: 1.0	5 / AD-1.2	10 / AD-1.2	15 / AD-1.2	1	HM	PT 3		1,2
103.1	CLASSROOM #3	3' - 0"	7' - 0"	1 3/4"	HM	PT 3	F	SET: 1.0	3 / AD-1.2	10 / AD-1.2 - SIM.	15 / AD-1.2	1	HM	PT 3		1,2
103.2	CLASSROOM #3	3' - 6"	6' - 10"	1 3/4"	HM	PT 3	F	SET: 1.0	5 / AD-1.2	10 / AD-1.2	15 / AD-1.2	1	HM	PT 3		1,2

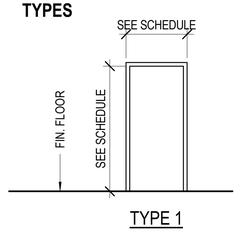
DOOR TYPES



TYPE F

FLUSH

FRAME TYPES



TYPE 1

GENERAL NOTES

1. VERIFY REQUIRED FRAME THICKNESS FOR ALL WALL TYPES.
2. ALL DOORS SHALL HAVE LEVER HARDWARE UNLESS NOTED OTHERWISE. SEE DOOR SCHEDULE FOR PANIC HARDWARE LOCATION.
3. REFER TO AD-1.4 FOR SIGNAGE TYPE SCHEDULE
4. PAINT ALL HOLLOW METAL DOOR FRAMES, METAL DOORS, METAL PANELS (SEMI-GLOSS).
5. REFER TO HARDWARE SET AND SPECIFICATIONS FOR A COMPLETE LIST OF HARDWARE TO BE PROVIDED.
6. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5LBS. FOR EXTERIOR DOORS AND 5LBS FOR INTERIOR DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATION DEVICE OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. THE AUTHORITY HAVING JURISDICTION MAY INCREASE THE MAXIMUM EFFORT TO OPERATE FIRE DOORS TO ACHIEVE POSITIVE LATCHING, BUT NOT TO EXCEED 15LBS. MAXIMUM.
7. FIELD VERIFY ALL DOORS & WINDOW OPENINGS PRIOR TO FABRICATION OF DOOR FRAMES.
8. ANCHOR HOLLOW METAL FRAMES PER MANUFACTURER RECOMMENDATIONS.
9. PROVIDE WALL STOP AT ALL DOORS, UNLESS NOTED OTHERWISE.
10. COORDINATE DOOR ROUGH OPENING WITH WINDOW ELEVATIONS ON WINDOW SCHEDULE
11. RATED DOOR UNDERCUT SHALL NOT EXCEED MAX. ALLOWABLE PER NFPA 80.
12. EXCEPT AS SPECIFICALLY PERMITTED BY SEC. 1010.1.9, EGRESS DOORS SHALL BE READILY OPENEABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, OR SPECIAL KNOWLEDGE OR EFFORT.
13. ALL H.M. DOORS SHOULD HAVE WELDED HINGES TO DOOR AND DOOR FRAME

DOOR / FRAME FINISHES

PT3 PAINT, SHERWIN WILLIAMS, SMOKY BLUE - SW 7604, SEMI GLOSS SHEEN.

FF FACTORY FINISH

DOOR MATERIAL

ALC ALUMINUM CLAD WOOD

HM HOLLOW METAL

REMARKS

1. PROVIDE 16" HIGH STAINLESS STEEL DOOR KICK PLATE ON INTERIOR OF DOOR
2. ALL EXTERIOR PLASTER DAMAGED DURING DEMOLITION OF DOORS AND DOOR FRAMES TO BE PATCHED, COLOR AND TEXTURE TO MATCH EXISTING. REFER TO 5/AD-1.6

FINISH GENERAL NOTES

1. CLEAN AND PREP ALL EXISTING SURFACES PRIOR PAINT.
2. REFER TO INTERIOR ELEVATIONS ON SHEETS AD-6.1.1 - 6.1.12 FOR MORE INFO.
3. ALL FINISHES ARE NEW UNLESS NOTED OTHERWISE.
4. ALL EXISTING FACTORY FINISHES SHALL NOT BE PAINTED. PROTECT FINISH WHEN PAINTING ADJACENT SURFACES.

FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR MAT.	FLOOR BASE	NORTH WALL MAT.	NORTH WALL FINISH	EAST WALL MAT.	EAST WALL FINISH	SOUTH WALL MAT.	SOUTH WALL FINISH	WEST WALL MAT.	WEST WALL FINISH	CEILING MAT.	CEILING FINISH	REMARKS
102	CLASSROOM #2	PC	TS	GB1	PT 2	GB1	PT 1	GB1	PT 1	GB1	PT 1	APC 1	-	1,2
103	CLASSROOM #3	PC	TS	GB1	PT 2	GB1	PT 1	GB1	PT 1	GB1	PT 1	APC 1	-	1,2

GENERAL NOTES

1. CLEAN AND PREP ALL EXISTING SURFACES PRIOR TO PAINT.
2. REFER TO INTERIOR ELEVATIONS ON SHEET A-4.0 FOR MORE INFORMATION.
3. ALL FINISHES ARE NEW UNLESS NOTED OTHERWISE.
4. ALL EXISTING FACTORY FINISHES SHALL NOT BE PAINTED. PROTECT FINISH WHEN PAINTING ADJACENT SURFACES.
5. INTERIOR WALL & CEILING FINISHES SHALL COMPLY WITH CBC SECTION 803.
6. INTERIOR FLOOR FINISHES SHALL COMPLY WITH CBC SECTION 804.
7. THERMAL & ACOUSTICAL INSULATION SHALL COMPLY W/ CBC SECTION 720.
8. BEAD BLAST THE CONCRETE FLOOR SURFACE AS PART OF PREPARATION FOR FLOORING POLISHING.
9. PROTECT IN PLACE (E) CEILING FINISH. CLEAN CEILING, CEILING & WALL REGISTERS & LIGHT FIXTURES. REPAINT ANY DAMAGED AIR VENT OR REGISTER AS REQUIRED.

MATERIALS LEGEND

APC 1 ACOUSTICAL PANEL CEILING - GLUED

GB 1 GYPSUM BOARD

PC POLISHED CONCRETE

TS TOP SET RUBBER COVE BASE.
COLOR: BURKEBASE, TAHOE - 506

FINISH LEGEND

FF FACTORY FINISH

PT 1 PAINT, SHERWIN WILLIAMS, EXTRA WHITE - SW 7006, SEMI GLOSS SHEEN.

PT 2 PAINT, SHERWIN WILLIAMS, DOCKSIDE BLUE - SW 7601, SEMI GLOSS SHEEN.

REMARKS

1. PROTECT IN PLACE (E) CEILING LIGHT FIXTURES, CLEAN ALL LIGHT FICTURES, CEILING REGISTERS, WALL REGISTER, REPLACE WHERE REQUIRED.
2. ALL INTERIOR (E) GYPSUM BOARD TO BE DEMOLISHED AND REPLACED.

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ATLAS CLASSROOMS 2 AND 3 CONVERSION

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DOOR & FINISH SCHEDULE

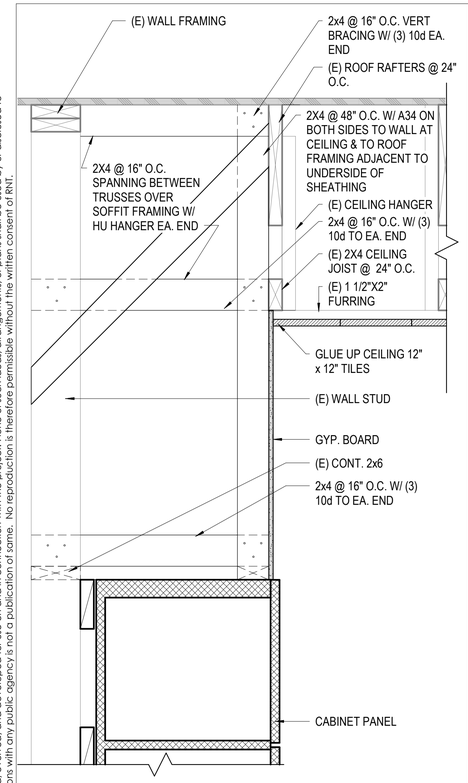
RNT Project No.	22943.01
Date	02/08/2024
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Checked by	CS

Sheet Number

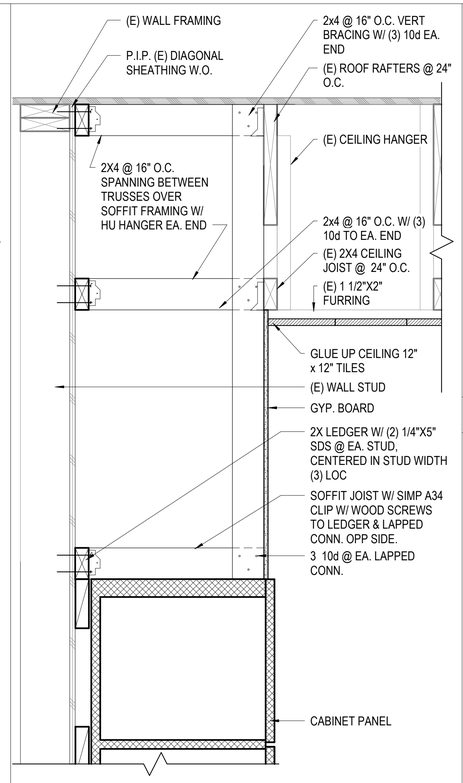
A-5.0

BIM 360://943.01 Atlas Classroom 2 and 3 Conversion/Projects - 943 - VUSD ATLAS E S Classrooms 2 & 3 Conversion.rvt
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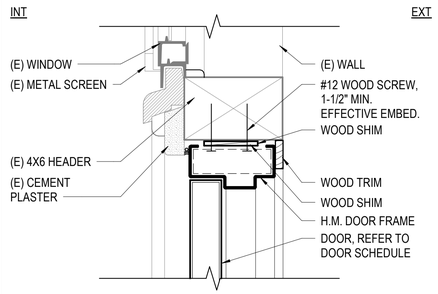
BIM 360://943.01 Atlas Classroom 2 and 3 Conversion/Projects - 943 - VUSD ATLAS E.S Classrooms 2 & 3 Conversion.rvt
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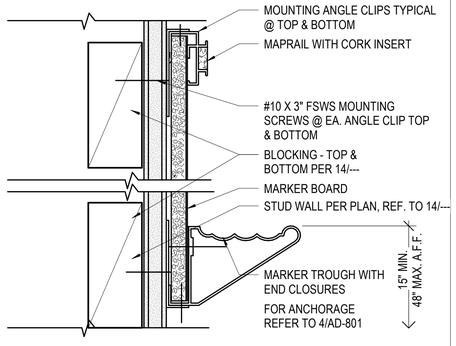
TYPICAL SOFFIT SECTION 1 1/2" = 1'-0" (6)



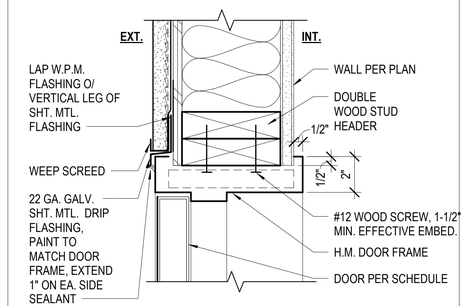
TYPICAL SOFFIT SECTION @ SHEAR WALL 1 1/2" = 1'-0" (7)



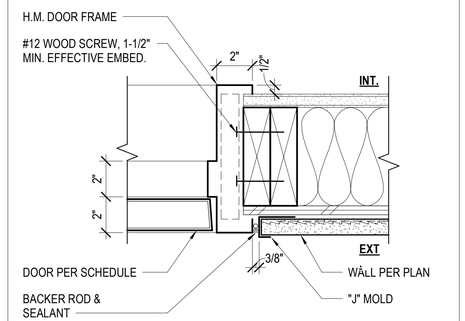
EXT. HEAD @ (E) WOOD WALL 2 3" = 1'-0" (3)



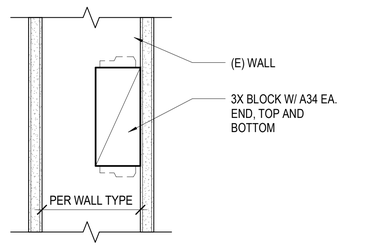
MARKER BOARD 6" = 1'-0" (8)



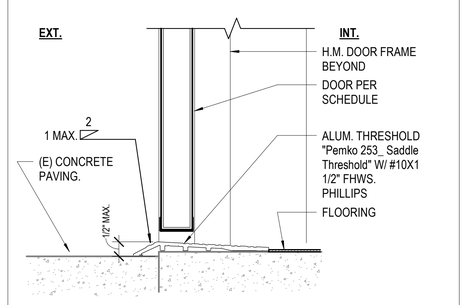
HEAD @ EXTERIOR PLASTER WALL 3" = 1'-0" (5)



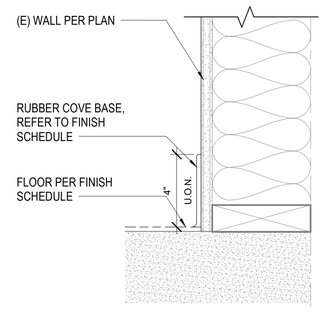
JAMB @ EXTERIOR PLASTER WALL 3" = 1'-0" (10)



TYPICAL BACKING 3" = 1'-0" (14)



DOOR THRESHOLD @ EXTERIOR DOOR 3" = 1'-0" (15)



RUBBER COVE BASE 3" = 1'-0" (18)

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TYPICAL WALL, CEILING & DOOR DETAILS

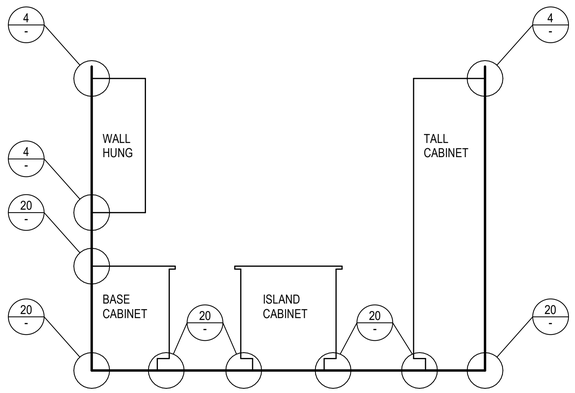
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Checked by	CS

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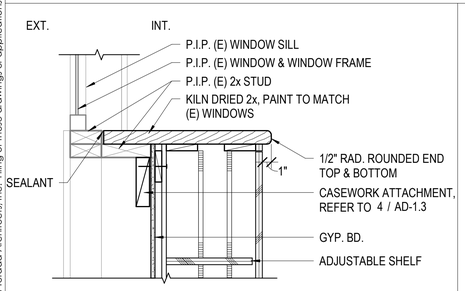
AD-1.2

CABINET NOTES:

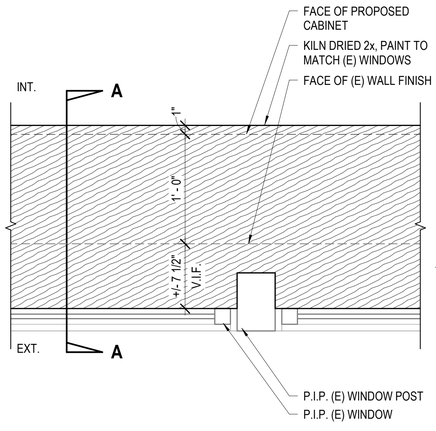
1. VERIFY ALL DIMENSIONS
2. ALL CABINETS SECURELY ATTACHED TO THE STRUCTURE
3. ALL EXPOSED BACKS FINISHED
4. LOCKS TO BE FURNISHED AND INSTALLED BY CASEWORK CONTR.
5. INTERCONNECT ADJACENT CABINETS AT 4 CORNERS OF SIDE PANELS W/ 3-1/2" X 1" CADIUM FHWS
6. PROVIDE PTDF NAILERS IN CONTACT WITH CONCRETE
7. BACKS TO BE 1/2" THICK.



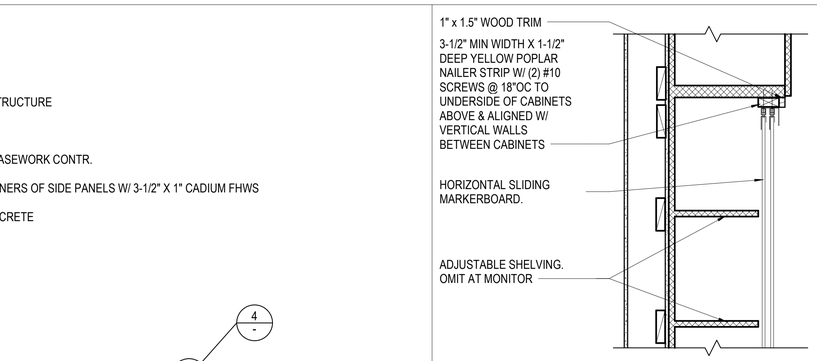
CASEWORK ANCHORAGE 1/2" = 1'-0" (7)



SECTION A-A

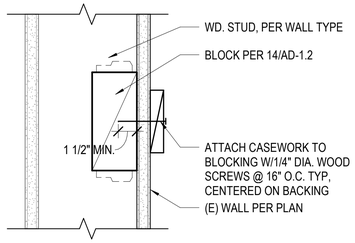


WINDOW SILL DETAIL 1 1/2" = 1'-0" (16)

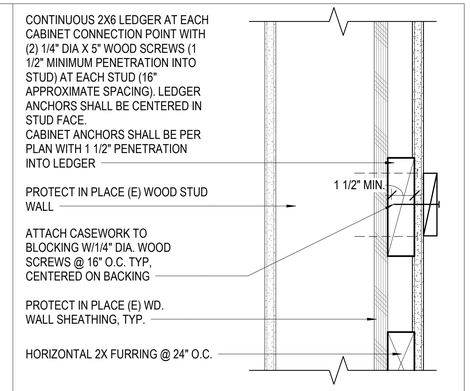


NOTE:
REFER TO 16/--- FOR ADD'L INFO.

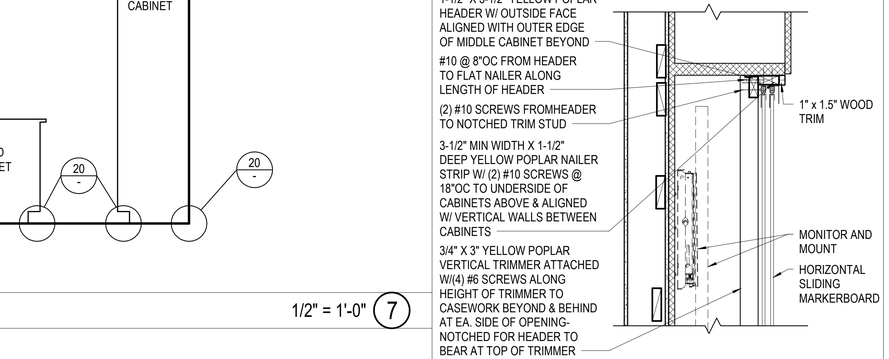
TOP HUNG DOOR DETAIL AT OUTER CABINETS 1" = 1'-0" (3)



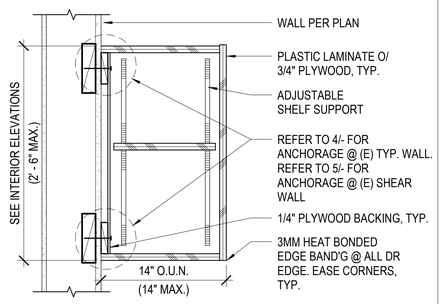
CASEWORK ATTACHMENT 3" = 1'-0" (4)



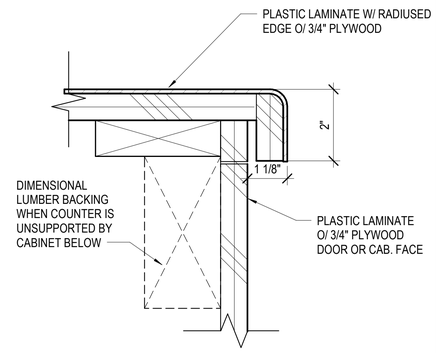
CASEWORK ATTACHMENT @ SHEAR WALL 3" = 1'-0" (5)



TOP HUNG DOOR DETAIL AT INNER CABINETS AND TOUCH SCREEN 1" = 1'-0" (8)



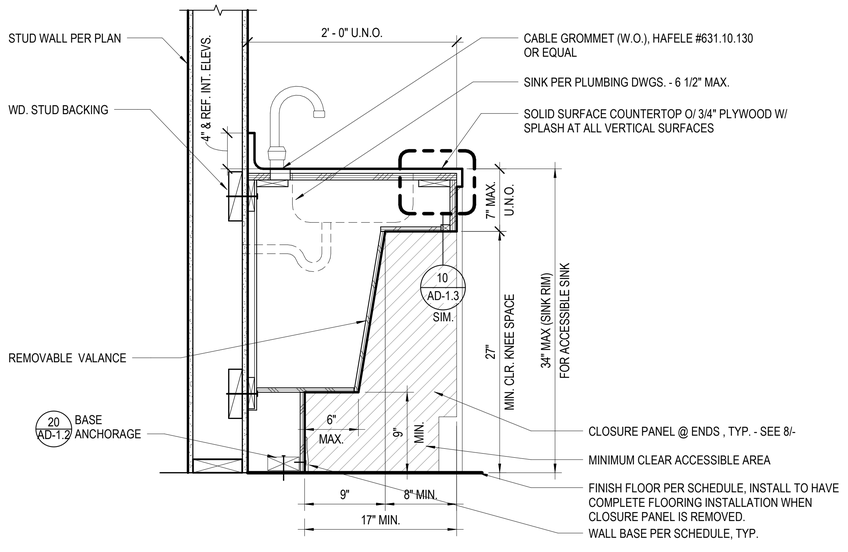
TYPICAL UPPER CABINET 1 1/2" = 1'-0" (9)



PLAM COUNTERTOP @ CAB. 6" = 1'-0" (10)

NOTES:
1. FAUCET CONTROLS & OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND & SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO MORE THAN 5 LBS. LEVER OPERATED, PUSH TYPE & ELECTRONICALLY CONTROLLED MECHANISMS ARE ACCEPTABLE. SELF CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
2. SEE DETAIL 4/- FOR CABINET ANCHORAGE (TOP AND BOTTOM AS SHOWN).
3. ADULT HEIGHT SHOWN.
4. ALL SURFACES: PLASTIC LAMINATE O/ 3/4" PLYWOOD, U.N.O.

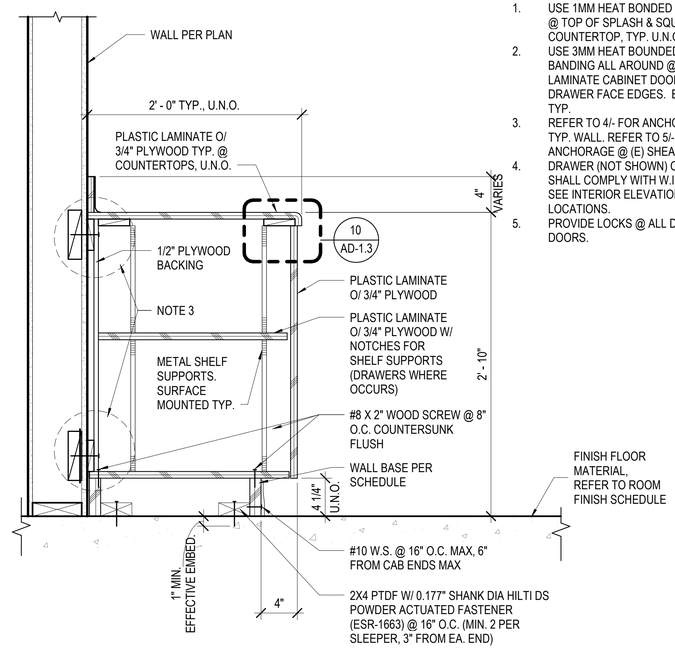
NOTE:
REFER TO 16/--- FOR ADD'L INFO.



TYP. SINK CABINET & CLEARANCES 1 1/2" = 1'-0" (17)

TYPICAL CABINET NOTES

1. USE 1MM HEAT BONDED EDGE BANDING @ TOP OF SPLASH & SQUARE EDGE OF COUNTERTOP, TYP. U.N.O.
2. USE 3MM HEAT BOUNDED EDGE BANDING ALL AROUND @ ALL THE LAMINATE CABINET DOOR EDGES & DRAWER FACE EDGES. EASE CORNERS TYP.
3. REFER TO 4/- FOR ANCHORAGE @ (E) TYP. WALL. REFER TO 5/- FOR ANCHORAGE @ (E) SHEAR WALL
4. DRAWER (NOT SHOWN) CONSTRUCTION SHALL COMPLY WITH W.I. STANDARDS. SEE INTERIOR ELEVATIONS FOR LOCATIONS.
5. PROVIDE LOCKS @ ALL DRAWERS AND DOORS.



TYP. BASE CABINET 1 1/2" = 1'-0" (20)

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TYPICAL CASEWORK DETAILS

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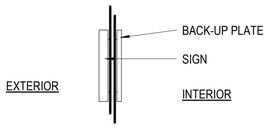
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AD-1.3

GENERAL NOTES

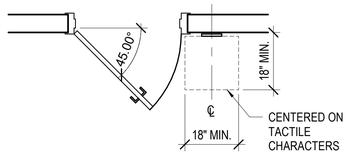
1. FOR MOUNTING SIGNAGE @ WINDOW SEE DETAIL A.

2. VERIFY ALL SIGN TEXT WITH ***DISTRICT*** PRIOR TO MANUFACTURING SIGNAGE.



NOTE: FOR APPLICATION TO GLASS PROVIDE A MATCHING BACK-UP PLATE & MOUNT TO INTERIOR SURFACE OF GLASS WITH ADHESIVE.

DETAIL A



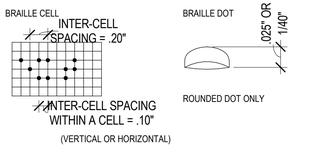
ACCESSIBILITY SIGNAGE

1. ALL SIGNS (AT MAIN ENTRANCES, TOILETS, PERMANENT ROOMS AND ASSISTIVE LISTENING SYSTEM(S), ETC.) SHALL COMPLY WITH CBC SECTIONS 1117B.5.1 – 1117B.5.10. SEE ALSO CBC SECTION 1115B.6 FOR ADDITIONAL SIGNAGE REQUIREMENTS APPLICABLE TO SANITARY FACILITIES.

2. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS AS SET FORTH AND AS SPECIFICALLY REQUIRED IN THESE NOTES.

3. COLOR OF SYMBOL: THE SYMBOL SPECIFIED ABOVE SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 595B.

4. BRAILLE SYMBOLS: CALIFORNIA CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED. ROUNDED OR DOMED DOTS, EACH DISTINCT AND SEPARATE, SHALL BE 1/10 INCH ON CENTER IN EACH CELL WITH 2/10 INCH SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40 INCH ABOVE THE BACKGROUND. CBC 1117B.5.6

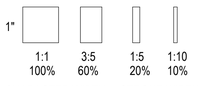


5. CHARACTER PROPORTION: VISUAL CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 10 PERCENT MINIMUM AND 20 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER. CBC 1117B.5.3.

6. CHARACTER HEIGHT: CHARACTERS ON SIGNS REQUIRED TO BE ACCESSIBLE BY SECTION 1117B.5.1, ITEMS 2 AND 3 SHALL BE SIZED ACCORDING TO THE FOLLOWING TABLE. THE MINIMUM HEIGHT IS MEASURED USING AN UPPERCASE LETTER "I". LOWERCASE CHARACTERS ARE PERMITTED. VIEWING DISTANCE SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CHARACTER AND AN OBSTRUCTION PREVENTING FURTHER APPROACH TOWARDS THE SIGN.

FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR IN COMPLIANCE WITH SECTION 1117B.5.4, THE MINIMUM CHARACTER HEIGHT SHALL BE 3 INCHES.

TEMPLATE FOR CHECKING CHARACTER AND STROKE WIDTH TO HEIGHT PROPORTIONS:



7. FINISH AND CONTRAST OF SYMBOL: CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTER ON A LIGHT BACKGROUND. CONTRAST MUST BE A 70% MINIMUM. CHARACTERS AND BACKGROUND SHALL HAVE A NON-GLARE FINISH. CBC 1117B.5.2

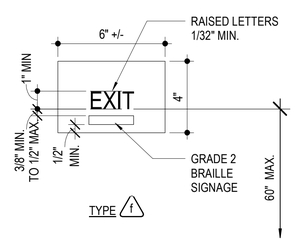
8. RAISED CHARACTERS AND PICTORIAL SYMBOL SIGNS. WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING:

A. TYPE: LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32 INCH MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED CALIFORNIA CONTRACTED GRADE 2 BRAILLE (SEE NOTE 4).
B. SIZE: RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8 INCH HIGH AND A MAXIMUM OF 2 INCHES HIGH.
C. PICTORIAL SYMBOL SIGN (PICTOGRAMS): PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6 INCHES IN HEIGHT.
D. CHARACTER PLACEMENT: CHARACTERS AND BRAILLE SHALL BE IN A HORIZONTAL FORMAT. BRAILLE SHALL BE PLACED A MINIMUM OF 1/8 INCH AND A MAXIMUM OF ½ INCH DIRECTLY BELOW THE TACTILE CHARACTERS; FLUSH LEFT OR CENTERED. WHEN TACTILE TEXT IS MULTI-LINED, ALL BRAILLE SHALL BE PLACED TOGETHER BELOW ALL LINES OF TACTILE TEXT.
E. 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". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.

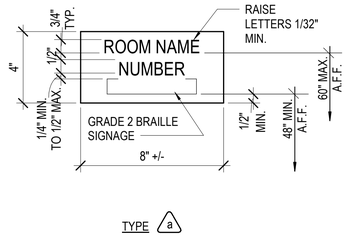
9. ENTRANCE SIGNS: ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.

10. INFORMATION POSTED: BUILDINGS THAT HAVE BEEN REMODELED TO PROVIDE SPECIFIC SANITARY FACILITIES AND/OR ELEVATORS FOR PUBLIC USE THAT CONFORM TO THESE BUILDING STANDARDS SHALL HAVE THIS INFORMATION POSTED IN THE BUILDING LOBBY, PREFERABLY AS PART OF THE BUILDING DIRECTORY.

11. MOUNTING LOCATION AND HEIGHT: WHERE PERMANENT IDENTIFICATION SIGNS ARE PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
WHERE PERMANENT IDENTIFICATION SIGNAGE IS PROVIDED FOR ROOMS AND SPACES THEY SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE ENTERS THE ROOM OR SPACE. SIGNS THAT IDENTIFY EXITS SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE EXITS THE ROOM OR SPACE.
SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASE LINE OF THE LOWEST LINE OF BRAILLE AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.



SIGN TYPE f



SIGN TYPE a

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VENTURA UNIFIED SCHOOL DISTRICT

ATLAS CLASSROOMS 2 AND 3 CONVERSION

760 JAZMIN AVE
VENTURA, CA 93004

BID SET 2/15/2024

No.	Description	Date

Sheet Name

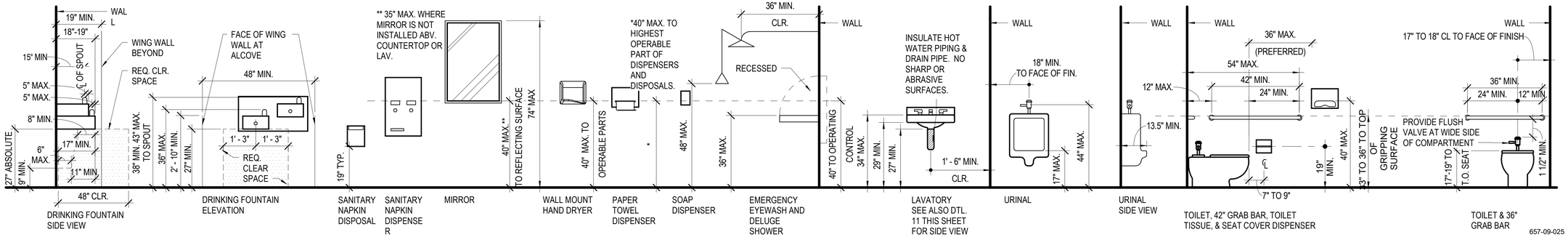
TYPICAL SIGNAGE DETAILS

RNT Project No.	22943.01
Date	02/08/2024
Drawn by	CLD
Checked by	CS

Sheet Number

AD-1.4

BIM 360://943.01 Atlas Classroom 2 and 3 Conversion/Projects - 943 - VUSD ATLAS E.S. Classrooms 2 & 3 Conversion.rvt
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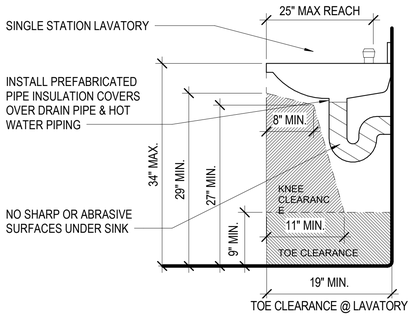
MOUNTING DETAILS

1/2" = 1'-0" (5)

NOTES:
FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO MORE THAN 5 LBS. LEVER OPERATED. PUSH TYPE & ELECTRONICALLY CONTROLLED MECHANISMS ARE ACCEPTABLE. SELF CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

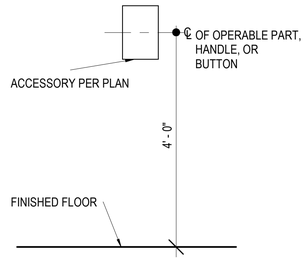
LEGEND

INDICATES REQUIRED CLEAR SPACE UNDER LAVATORY



770-22-005

CLEARANCE @ LAVORATORY 1" = 1'-0" (11)



TYPICAL MOUNTING HEIGHT 3/4" = 1'-0" (8)

SANITARY FACILITIES NOTES

1. IDENTIFICATION: DOORWAYS LEADING TO MEN'S SANITARY FACILITIES, SHALL BE IDENTIFIED BY AN EQUILATERAL TRIANGLE 1/4 INCH THICK WITH EDGES 12 INCHES LONG AND A VERTEX POINTING UPWARD. WOMEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE, 1/4 INCH THICK AND 12 INCHES IN DIAMETER. UNISEX SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4 INCH THICK, 12 INCHES IN DIAMETER WITH A 1/4 INCH THICK TRIANGLE SUPERIMPOSED ON THE CIRCLE AND WITHIN THE 12 INCH DIAMETER. THESE GEOMETRIC SYMBOLS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 58 TO 60 INCHES ABOVE FINISH FLOOR AND THEIR COLOR SHALL CONTRAST WITH THE COLOR OF THE DOOR. SEE ACCESSIBILITY SIGNAGE CRITERIA FOR ADDITIONAL REQUIREMENTS.

2. PASSAGEWAYS: PASSAGEWAYS LEADING TO SANITARY FACILITIES SHALL HAVE A CLEAR ACCESS AS SPECIFIED IN CHAPTER 11B DIVISION 4.
A. ALL DOORWAYS LEADING TO SUCH SANITARY FACILITIES SHALL HAVE A CLEAR OPENING WIDTH OF 32 INCHES (813 MM) MIN., AND 34 INCHES (864 MM) MIN. CLEAR FOR SIDE ENTRY INTO THE ACCESSIBILITY COMPARTMENT.

B. LEVEL AREA: SHALL COMPLY WITH CBC SECTION 11B-404.2.4

3. TOILET FACILITIES
3.1 MULTIPLE-ACCOMMODATION TOILET FACILITIES: MULTIPLE-ACCOMMODATION TOILET FACILITIES SHALL HAVE THE FOLLOWING:
A. WHEELCHAIR CLEARANCE. A CLEAR SPACE MEASURED FROM THE FLOOR TO A HEIGHT OF 27 INCHES ABOVE THE FLOOR, WITHIN THE SANITARY FACILITY ROOM, OF SUFFICIENT SIZE TO INSCRIBE A CIRCLE WITH A DIAMETER NOT LESS THAN 60 INCHES. DOORS SHALL NOT SWING INTO THE FLOOR SPACE REQUIRED FOR ANY FIXTURE. THE LAYOUT OF THE COMPARTMENTS SHALL COMPLY WITH CBC FIGURE 11B-604.8.1.1.2 OR 11B-604.8.1.1.3.
B. CLEAR SPACE: THE COMPARTMENT SHALL PROVIDE A CLEAR SPACE OF MINIMUM 60 INCHES FROM THE SIDE WALL NEXT TO A FIXTURE AND 56 INCHES DEEP FROM THE WALL BEHIND THE TOILET. THERE SHALL BE 17 TO 18 INCHES FROM THE CENTERLINE OF THE WATER CLOSET TO THE WALL. A MINIMUM 48-INCH-LONG CLEAR SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET IF THE COMPARTMENT HAS AN END-OPENING DOOR (FACING THE WATER CLOSET), A MINIMUM 60 INCH-LONG CLEAR SPACE SHALL BE PROVIDED IN A COMPARTMENT WITH THE DOOR LOCATED AT THE SIDE AND OPENING OUT. PROVIDE MINIMUM 72" IF THE DOOR IS OPENING IN. GRAB BARS SHALL NOT PROJECT MORE THAN 3 INCHES INTO THE CLEAR SPACES AS SPECIFIED ABOVE.
C. COMPARTMENT DOORS: WATER CLOSET COMPARTMENT SHALL BE EQUIPPED WITH A DOOR THAT HAS AN AUTOMATIC-CLOSING DEVICE, AND SHALL HAVE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32 INCHES WHEN LOCATED AT THE END AND 34 INCHES WHEN LOCATED AT THE SIDE WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. DOORS SHALL COMPLY WITH STANDARD ACCESSIBLE CLEARANCES, EXCEPT THAT IF THE APPROACH IS FROM THE PUSH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 48 INCHES MINIMUM MEASURED PERPENDICULAR TO THE COMPARTMENT DOOR IN ITS CLOSED POSITION.

THE INSIDE AND OUTSIDE OF THE COMPARTMENT DOOR SHALL BE EQUIPPED WITH A LOOP OR U-SHAPED HANDLE IMMEDIATELY BELOW THE LATCH, MOUNTING HEIGHT OF 34" TO 44" A.F.F. THE LATCH SHALL BE FLIP-OVER STYLE, SLIDING OR OTHER HARDWARE NOT REQUIRING THE USER TO GRASP OR TWIST. EXCEPT FOR DOOR-OPENING WIDTHS AND DOOR SWINGS, A CLEAR, UNOBSTRUCTED ACCESS OF NOT LESS THAN 44 INCHES SHALL BE PROVIDED TO WATER CLOSET COMPARTMENTS DESIGNED FOR USE BY PERSONS WITH DISABILITIES AND THE SPACE IMMEDIATELY IN FRONT OF A WATER CLOSET COMPARTMENT SHALL NOT BE LESS THAN 48 INCHES (1219 MM) AS MEASURED AT RIGHT ANGLES TO COMPARTMENT DOOR IN ITS CLOSED POSITION.

3.2 SINGLE-ACCOMMODATION TOILET FACILITIES: THERE SHALL BE SUFFICIENT SPACE IN THE TOILET ROOM FOR A WHEELCHAIR MEASURING 30 INCHES WIDE BY 48 INCHES LONG TO ENTER THE ROOM AND PERMIT THE DOOR TO CLOSE. THERE SHALL BE IN THE ROOM A CLEAR FLOOR SPACE OF AT LEAST 60 INCHES IN DIAMETER. THE WATER CLOSET SHALL BE LOCATED IN A SPACE WHICH PROVIDES A CLEAR SPACE OF MINIMUM 60 INCHES FROM THE SIDE WALL NEXT TO A FIXTURE AND 56 INCHES DEEP FROM THE WALL BEHIND THE TOILET. THERE SHALL BE 17 TO 18 INCHES FROM THE CENTERLINE OF THE WATER CLOSET TO THE WALL. A MINIMUM 48 INCHES OF CLEAR SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET. DOORS ARE PERMITTED TO SWING OVER FIXTURE CLEAR SPACES IN SINGLE-ACCOMMODATION TOILET FACILITIES. ALL DOORS, FIXTURES AND CONTROLS SHALL BE ON AN ACCESSIBLE ROUTE. THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL BE 36 INCHES EXCEPT AT DOORS.

4. GRAB BARS

A. LOCATION: GRAB BARS LOCATED ON EACH SIDE, OR ONE SIDE AND THE BACK OF THE ACCESSIBLE TOILET STALL OR COMPARTMENT, SHALL BE SECURELY ATTACHED AT 33 TO 36 INCHES ABOVE THE FLOOR, MEASURED TO THE TOP OF THE GRIPPING SURFACE. SIDE GRAB BARS SHALL BE AT LEAST 42 INCHES LONG, LOCATED 12 INCHES MAX FROM THE REAR WALL WITH THE FRONT END POSITIONED 24 INCHES IN FRONT OF THE WATER CLOSET. REAR GRAB BARS SHALL NOT BE LESS THAN 36 INCHES LONG, AND SHALL EXTEND 12" TO ONE SIDE AND 24" INCHES TO OTHER SIDE OF WATER CLOSET CENTERLINE.

B. DIAMETER OR WIDTH: THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1-1/4 INCHES TO 2 INCHES (32 MM TO 51 MM) OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1-1/2 INCHES (38 MM). SEE FIGURE 11B-609.2.2.

C. STRUCTURAL STRENGTH: GRAB BARS, TUB AND SHOWER SEATS, FASTENERS, AND MOUNTING DEVICES SHALL BE ABEL TO RESIST A 250 POUND POINT LOAD APPLIED AT ANY POINT ON THE ASSEMBLY PER 11B-609.8. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

D. SURFACE: A GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH (3.2 MM).

5. TOILET ROOM FIXTURES AND ACCESSORIES

A. LAVATORY FIXTURES: A CLEAR FLOOR SPACE 30 INCHES BY 48 INCHES SHALL BE PROVIDED IN FRONT OF A LAVATORY TO ALLOW A FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND INTO KNEE AND TOE SPACE UNDERNEATH THE LAVATORY.TOE SPACE SHALL EXTEND MINIMUM 9 INCHES ABOVE FINISH FLOOR AND SHALL EXTEND MINIMUM 17 INCHES AND MAXIMUM 19 INCHES UNDER THE LAVATORY. KNEE SPACE SHALL BE 11 INCHES DEEP MINIMUM AT 9 INCHES ABOVE THE FINISH FLOOR, 8 INCHES DEEP MINIMUM AT 27 INCHES ABOVE THE FINISH FLOOR, AND 29 INCHES ABOVE THE FINISH FLOOR AT THE EDGE OF THE LAVATORY SINK.

B. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE MAX 40 INCHES FROM THE FLOOR WHERE INSTALLED ABOVE LAVATORIES OR COUNTERTOPS. WHERE MIRRORS ARE INSTALLED ELSEWHERE, ONE SHALL BE LOCATED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 35 INCHES MAX ABOVE FINISH FLOOR.

C. TOWEL, SANITARY NAPKINS, WASTE RECEPTACLES, AND OTHER SIMILAR DISPENSING AND DISPOSAL FIXTURES: WHERE PROVIDED, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40 INCHES FROM THE FINISHED FLOOR.

D. TOILET TISSUE DISPENSERS: THE TOILET TISSUE DISPENSER AT EACH ACCESSIBLE TOILET SHALL BE LOCATED ON THE WALL SO THAT THE CENTERLINE OF THE DISPENSER IS 7 TO 9 INCHES HORIZONTALLY IN FRONT OF THE FRONT EDGE OF THE TOILET SEAT, WITH THE BOTTOM OF THE DISPENSER BELOW THE GRAB BAR AND 19 INCHES MINIMUM ABOVE FINISH FLOOR TO CENTERLINE OF ROLL OR DELIVERY HEIGHT. DISPENSERS THAT CONTROL DELIVERY OR THAT DOES NOT PERMIT CONTINUOUS PAPER FLOW SHALL NOT BE USED. LIMIT THE PROJECTION OF A SURFACE OR SEMI-RECESS MOUNTED DISPENSER FROM ENCROACHING MORE THAN FOUR INCHES FROM THE FACE OF THE WALL OR PARTITION. DISPENSER SHALL NOT BE LOCATED BEHIND ANY GRAB BAR.

E. TOILET PAPER AND FEMININE NAPKIN DISPENSERS LOCATED ON THE GRAB BAR SIDE OF AN ACCESSIBLE TOILET ROOM OR STALL SHALL NOT BE LOCATED CLOSER THAN 1-1/2"CLEAR OF THE TANGENT POINT OF THE GRAB BAR. DO NOT LOCATE SURFACE MOUNTED ACCESSORIES ABOVE GRAB BARS

F. URINALS: WHERE URINALS ARE PROVIDED, AT LEAST ONE SHALL HAVE A CLEAR FLOOR SPACE 30 INCHES BY 48 INCHES IN FRONT OF THE URINAL TO ALLOW FORWARD APPROACH.

G. COAT HOOKS, SHELVES, AND SIMILAR ACCESSORIES SHALL BE LOCATED MINIMUM 40 INCHES AND MAXIMUM 48 INCHES ABOVE THE FINISH FLOOR, WHERE THE REACH IS NOT OBSTRUCTED.

SANITARY FACILITY NOTES 1" = 1'-0" (20)

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VENTURA UNIFIED SCHOOL DISTRICT

ATLAS CLASSROOMS 2 AND 3 CONVERSION

760 JAZMIN AVE
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BID SET 2/15/2024

No.	Description	Date

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TYPICAL ACCESSIBLE DETAILS

RNT Project No.	22943.01
Date	02/08/2024
Drawn by	CLD
Checked by	CS

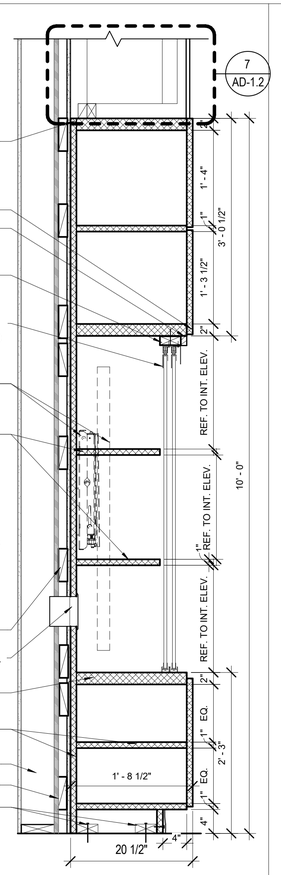
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AD-1.5

BIM 360://943.01 Atlas Classroom 2 and 3 Conversion/Projects - 943 - VUSD ATLAS E.S. Classrooms 2 & 3 Conversion.rvt
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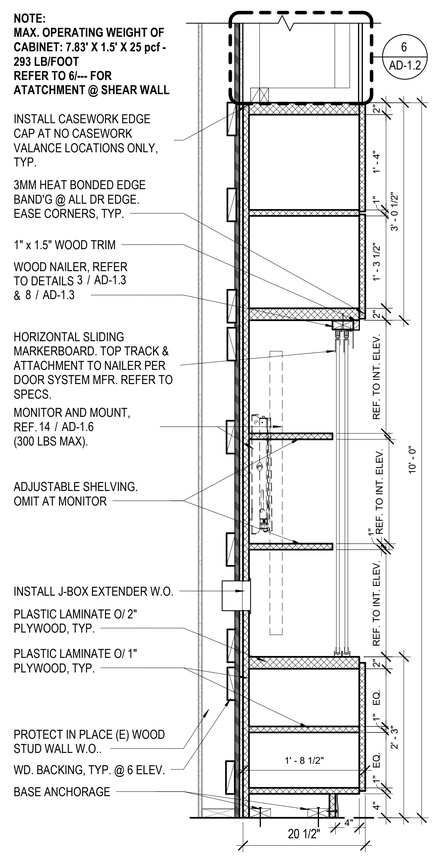
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NOTE:
MAX. OPERATING WEIGHT OF CABINET: 7.83' X 1.5' X 25 pcf - 293 LB/FOOT

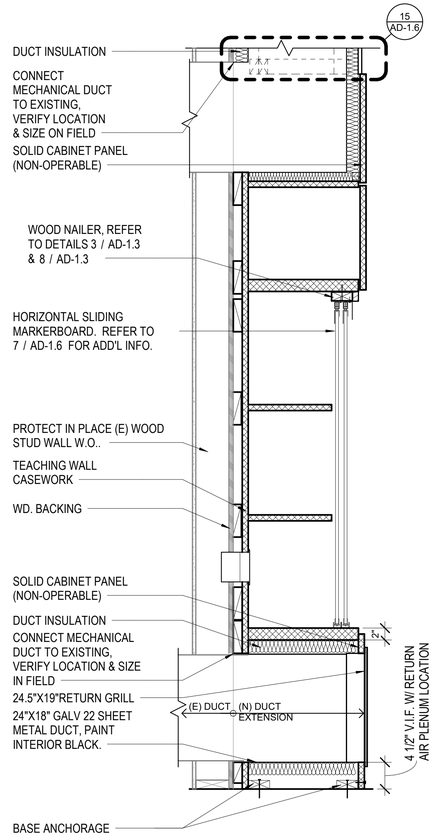


TEACHING WALL @ SHEAR WALL — 1" = 1'-0" (6)

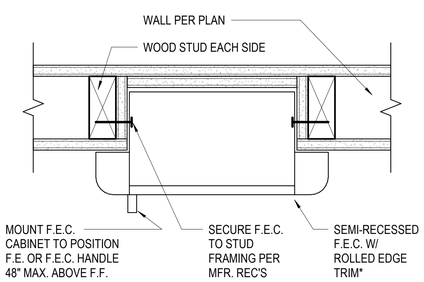
NOTE:
MAX. OPERATING WEIGHT OF CABINET: 7.83' X 1.5' X 25 pcf - 293 LB/FOOT
REFER TO 6/--- FOR ATATCHMENT @ SHEAR WALL



SECTION @ TEACHING WALL — 1" = 1'-0" (7)

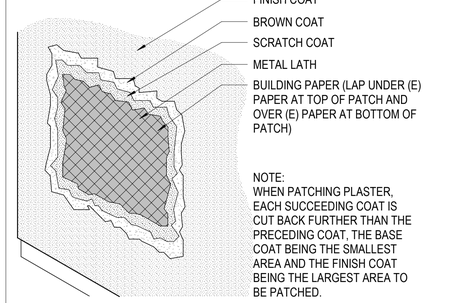


SECTION @ TEACHING WALL - MECHANICAL DUCT — 1" = 1'-0" (8)



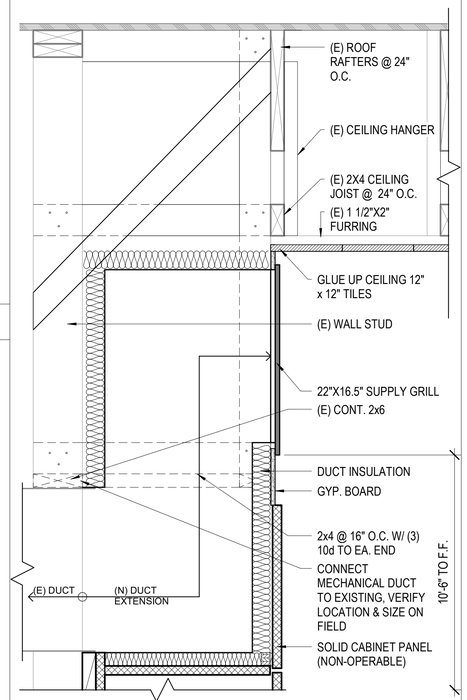
* WHERE FIRE-RATED WALL OCCURS, PROVIDE FIRE RATED CABINET WITH RATING TO MATCH WALL ASSEMBLY AND LINE CABINET (TOP, BOTTOM, SIDES) WITH TYPE 'X' GYP. BD.

10-030 F.E.C. @ WOOD STUD WALL — 3" = 1'-0" (4)

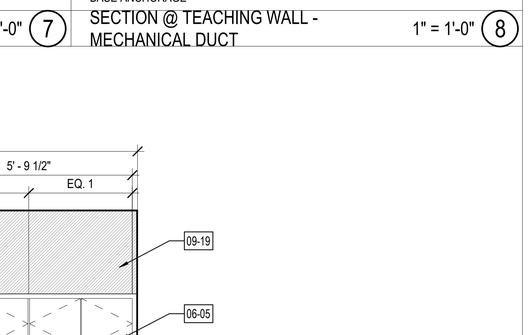


TYP. PATCHING CEMENT PLASTER — 1/4" = 1'-0" (5)

NOTE:
REFER TO 6 & 7 ON AD-1.2 FOR ADD'L INFORMATION ON SOFFIT



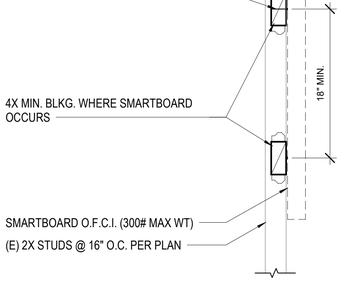
TYPICAL SOFFIT SECTION @ SUPPLY GRILL — 1 1/2" = 1'-0" (15)



KEYNOTES

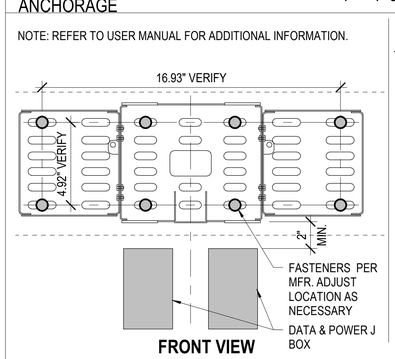
06-05	TEACHING WALL CASEWORK, REFER TO 18/AD-1.6
06-09	YELLOW POPLAR HEADER PER DETAIL 3/AD-1.3 & 8/AD-1.3
09-19	GYPSUM BOARD W/O TEXTURE/ SMOOTH LEVEL 5 FINISH & GLOSS PAINT FOR WALL DECAL BY OWNER
10-16	85" TOUCH SCREEN MONITOR & WALL MOUNTING BRACKET, OFCI. REFER TO 14/AD-1.6 FOR ANCHORAGE
10-20	MONITOR MOUNTING BRACKET (O.F.C.I.), INTALL PER MANUFACTURER SPECIFICATIONS.
23-11	22"x16.5" SUPPLY GRILL
23-12	24.5"x19" RETURN GRILL W/ 45DEG. DEFLECTION & 1/2" SPACING OVER CASEWORK PANEL, VERIFY (E) SIZE IN FIELD AND MATCH

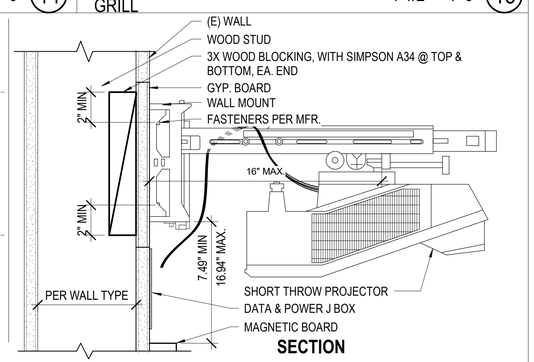
CLASSROOM TYP. TEACHING WALL — 1/2" = 1'-0" (18)



SMARTBOARD WALL MOUNT ANCHORAGE — 1" = 1'-0" (14)

NOTE: REFER TO USER MANUAL FOR ADDITIONAL INFORMATION.





PROJECTOR WALL MOUNTING — 3" = 1'-0" (20)

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LICENSED ARCHITECT — TYSON CLINE — NO. C-34436 — REN. 1-31-25 — STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

ATLAS CLASSROOMS 2 AND 3 CONVERSION

760 JAZMIN AVE
VENTURA, CA 93004

BID SET 2/15/2024

No.	Description	Date

Sheet Name

MISC. DETAILS

RNT Project No.	22943.01
Date	02/08/2024
Drawn by	CLD
Checked by	CS

Sheet Number

AD-1.6

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LED FIXTURE SCHEDULE

TYPE	MANUFACTURER AND CATALOG NUMBER	LED MODULE TYPE	COLOR TEMP	WATTS	DRIVER	OPTIC/LENS	REMARKS
A 90	LITHONIA PROPER PRPID LLP 4FT 80CRI 35K I 600LMF/600LMF NILTAIR2120SCT F2/24A C110 CTEP		3500K	3/30	0-10V	DIFFUSE	12FT LONG CABLE-HUNG DIRECT / INDIRECT
B 180	LITHONIA PROPER PRPID LLP 24FT 80CRI 35K I 600/600 NLTAIR2 120SCT F2/24A C110 CTEP		3500K	6/30	0-10V	DIFFUSE	24FT LONG CABLE-HUNG DIRECT / INDIRECT

(E) PANEL SCHEDULE "C"

SERVICE: 120/208V 3Φ 4W | MAIN BKR.: MLO | BUS: 225A | LOC.: BREEZEWAY
SQUARE D NQ | MTG.: FLUSH

REMARKS	LOAD ΦA	LOAD ΦB	LOAD ΦC	REC	LTG	MISC	POLE	TRIP	CIRC		CIRC	TRIP	POLE	REC	LTG	MISC	LOAD ΦA	LOAD ΦB	LOAD ΦC	REMARKS
RM 104 REC							1	20	1		2	20	1							SPARE
"							1	20	3		4	20	1							"
"							1	20	5		6	20	1							"
RM 105 REC							1	20	7		8	20	1							"
"							1	20	9		10	20	1							"
"							1	20	11		12	20	1							"
(E) LOAD							1	20	13		14	20	1							(E) LOAD
"							1	20	15		16	20	1							"
"							1	20	17		18	20	1							"
(E) LOAD							1	20	19		20	20	1							"
EXTERIOR LIGHTS							1	20	21		22	20	1							SPARE
(E) LOAD							1	20	23		24	20	1							"
BREEZEWAY H20 COOLER							1	20	25		26	20	1							"
AC RM 105							2	40	27		28	40	2							AC RM 103
"							X	X	29		30	X	X							"
AC RM 104							2	40	31		32	20	1							SPARE
"							X	X	33		34	20	1							"
SPARE							1	20	35		36	20	1							"
IRRIGATION CTRL							1	20	37		38	20	1							LIGHTS RM 104
HEATER REC							1	20	39		40	20	1							LIGHTS RM 105
BATHROOM H20 COOL							1	20	41		42	20	1							BATH LTS + FAN
TOTAL WATTS=	ΦA=						ΦB=						ΦC=							
AMPS=	MINIMUM BKR			A.I.C. RATING= 10,000 AMPS SYM																

APPLICABLE CODE: 2022 CBC

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 OR MORE 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 HAVING 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 STRUCTURE ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

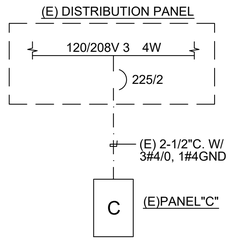
PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2019 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. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

ELECTRICAL DISTRIBUTION SYSTEMS (E):

DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.



SINGLE LINE DIAGRAM
SCALE : NONE
A / E-0.1

EXISTING ELECTRICAL SERVICES HAS BEEN INVESTIGATED AND FOUND TO HAVE ADEQUATE CAPACITY FOR THE PROPOSED LOAD ADDITION SHOWN ON THESE PLANS
SITE INSPECTOR IS TO WITNESS AND VERIFY GROUNDING TESTS

REGISTERED PROFESSIONAL ENGINEER ED MALONEY EXP. 06/30/2024 ELECTRICAL STATE OF CALIFORNIA

GENERAL NOTES

1. VISIT JOB SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID.
2. THE ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2022 CALIFORNIA ELECTRICAL CODE AND ALL APPLICABLE LOCAL ORDINANCES. WHERE PLANS CALL FOR A HIGHER STANDARD THAN APPLICABLE CODES, THE PLANS SHALL GOVERN.
3. CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD TO SUIT FIELD CONDITIONS.
4. ALL ELECTRICAL EQUIPMENT, APPLIANCES AND LIGHTING FIXTURES SHALL BE LISTED BY A RECOGNIZED TEST LAB AND BEAR THAT LABEL OF APPROVAL.
5. CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT ALL MATERIAL AND EQUIPMENT FOR THIS WORK UNLESS OTHERWISE NOTED.
6. FURNISH DISCONNECT SWITCHES AT REMOTE MOTORS.
7. ALL SPACES AS INDICATED ON PANELS OR SWITCHBOARDS SHALL BE COMPLETE WITH HARDWARE AND BUSSING FOR FUTURE BREAKER OR SWITCH.
8. CHECK ARCHITECTURAL PLANS FOR DOOR SWINGS BEFORE INSTALLING SWITCH OUTLETS.
9. GROUNDING AND BONDING SHALL BE PER CODE PLUS ANY ADDITIONAL PROVISIONS SPECIFIED OR SHOWN ON DRAWINGS.
10. ALL CONDUIT RUNS SHALL CONTAIN A CODE SIZED GREEN GROUND WIRE.
11. THESE PLANS ARE NOT COMPLETE UNTIL APPROVED BY THE AUTHORITY HAVING JURISDICTION.
12. ALL CONDUCTORS SHALL BE IN CONDUIT.
13. ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION.

ACCESSIBILITY NOTES

Installation of switches, outlets and controls to reflect the accessibility requirements of the 2022 CBC Chapters 11A and 11B for Accessibility.

1. CBC 11B-308.1.1 Electrical controls and switches intended to be used by the occupant of a room or area shall be located within the allowable reach ranges. Low reach shall be measured from the bottom of the outlet box and high reach is measured to the top of the outlet box.
2. CBC 11B-308.1.2 Electrical receptacle outlets on branch circuits of 30 amperes or less and communication system receptacles shall be located in the allowable reach range. Low reach shall be measured from the bottom of the outlet box and high reach is measured to the top of the outlet box.
3. CBC 11B-308.2.1 High forward reach that is unobstructed shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above finish floor or ground.
4. CBC 11B-308.2 Forward Reach Obstructed - Electrical receptacle outlets shall be located no more than 44 inches measured from the top of the receptacle outlet box when the obstruction is over 20" and does not exceed 25". When the depth is less than 20" height can be increased to 48". (desk counters)
5. CBC 11B-308.3 Side Reach Obstructed - Electrical receptacle outlets shall be located no more than 46 inches measured from the top of the receptacle outlet box when the obstruction is over 10" and does not exceed 24". When the depth is less than 10" height can be increased to 48".
6. Overhang light fixtures or wall fixtures projecting more than 4" from the wall surface shall be a minimum of 80" above the walking surface.

SYMBOLS

- CONDUIT EXISTING
- CONDUIT CONCEALED IN WALL OR CEILING
- CONDUIT CONCEALED UNDER FLOOR OR BELOW GRADE
- CONDUIT STUBBED OUT AND CAPPED
- CONDUIT TURNED UP
- CONDUIT TURNED DOWN
- HATCH MARKS INDICATE NO. OF #12 WIRES IN CODE SIZED CONDUIT (3) MAX. IN 1/2" C., (5) MAX. IN 3/4" C., (8) MAX. IN 1"C., NO MARKS = 2#12
- A-3 HOME RUN: LETTER INDICATES PANEL, NUMBER(S) INDICATES CIRCUIT(S).
- SAWCUT
- GROUND CONNECTION
- DISTRIBUTION SWITCHBOARD OR PANEL
- PANEL, BRANCH CIRCUIT TYPE, SURFACE AND FLUSH
- SIGNAL TERMINAL CABINET, SURFACE & FLUSH
- LINEAR SURFACE FIXTURE
- 2a OUTLET DATA: BAR INDICATES WALL MOUNT, LETTER INDICATES SWITCH CONTROL, NO. INDICATES CIRCUIT.
- SURFACE FIXTURE ON FLUSH OUTLET.
- RECESSED FIXTURE WITH JUNCTION BOX FOR THRU WIRING
- EXIT LIGHT WITH ARROWS AS SHOWN ON PLANS, WALL AND CEILING MOUNT.
- LOW LEVEL EXIT SIGN, +6" AFF, +4" FROM DOOR JAMB
- A 100 LIGHT FIXTURE DESIGNATION, LETTER INDICATES TYPE, NO. INDICATES WATTAGE. SEE FIXTURE SCHEDULE.
- EC 1 MECHANICAL EQUIPMENT DESIGNATION. SEE MECHANICAL DRAWINGS.
- SPECIAL RECEPTACLE - SEE PLAN
- (M) METER
- FLUSH FLOOR RECEPTACLE
- RECEPTACLE, DUPLEX, 15A, 125V, NEMA 5-15R +18" U.N.O.
- DUPLEX RECEPTACLE MTD. ABOVE BACKSPLASH
- DUPLEX RECEPTACLE W/LOWER HALF SWITCHED
- GFI GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE
- CEILING RECEPTACLE
- RECEPTACLE, DUPLEX, 20A, 125V, NEMA 5-20R +18" U.N.O.
- JUNCTION BOX 4" SQUARE, 1-1/2" DEEP U.N.O.
- THERMOSTAT F.B.O. +48"
- (2) MOTOR, NO. INDICATES HORSEPOWER
- CLOCK OUTLET +7'-6" U.N.O.
- DISCONNECT SWITCH, NON-FUSED
- F DISCONNECT SWITCH FUSED HORSEPOWER RATED OR SIZED AS NOTED
- COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH AND FUSES
- MAGNETIC MOTOR STARTER W/OVERLOADS IN EACH PHASE
- D DIMMER W/INTEGRAL "ON-OFF" SW.
- PUSHBUTTON
- PC PHOTOCELL
- SD SMOKE DETECTOR
- TELEPHONE/COMPUTER/DATA OUTLET, TWO GANG BOX W/1 GANG COVERPLATE & GROMMETED OPENING +18" U.N.O.
- CABLE TV OUTLET +18" U.N.O.
- (M) MOTION SENSOR
- $ EXISTING SWITCH
- S SINGLE POLE SWITCH
- S^2 DOUBLE POLE SWITCH
- S^3 THREE WAY SWITCH
- S^P SWITCH W/PILOT LT.

(S, S^2, S^3, S^P: QUIET TOGGLE TYPE RATED AT 20A, 120/277V A.C. +42" U.N.O.)

- S^M MANUAL MOTOR STARTER

FACP	FIRE ALARM CONTROL PANEL
GFI	GROUND FAULT CIRCUIT INTERRUPTING
LST	LABOR SAVING TANDEM
MLO	MAIN LUGS ONLY
w/	WITH
C.O.	CONDUIT ONLY
W.P.	WEATHERPROOF
F.B.O.	FURNISHED BY OTHERS, INSTALL & CONNECT
U.N.O.	UNLESS NOTED OTHERWISE
N.E.C.	NATIONAL ELECTRICAL CODE
N.I.C.	NOT IN CONTRACT
(E)	EXISTING
(N)	NEW
(R)	REMOVE
(RL)	RELOCATE
S/M	SURFACE MOUNT
U/G	UNDERGROUND
CWP	COLD WATER PIPE
AFF	ABOVE FINISHED FLOOR
HACR	HEATING AND AIR CONDITIONING RATED CIRCUIT BREAKER
N.L.	NIGHT LIGHT

NOTE: NOT ALL SYMBOLS SHOWN ARE USED ON THIS PROJECT.

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VENTURA UNIFIED SCHOOL DISTRICT

ATLAS CLASSROOMS 2 AND 3 CONVERSION

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NOTES, SYMBOLS, SCHEDULES & DETAILS

RNT Project No.	22943.01
Date	01/30/2024
Drawn by	CLD
Checked by	CS
Sheet Number	E-0.1



ELECTRICAL SITE PLAN

SCALE : 1" = 40'-0"

1
E-1.0

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ATLAS CLASSROOMS 2 AND 3 CONVERSION

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Sheet Name

ELECTRICAL SITE PLAN

RNT Project No.	22943.01
Date	01/30/2024
Drawn by	CLD
Checked by	CS

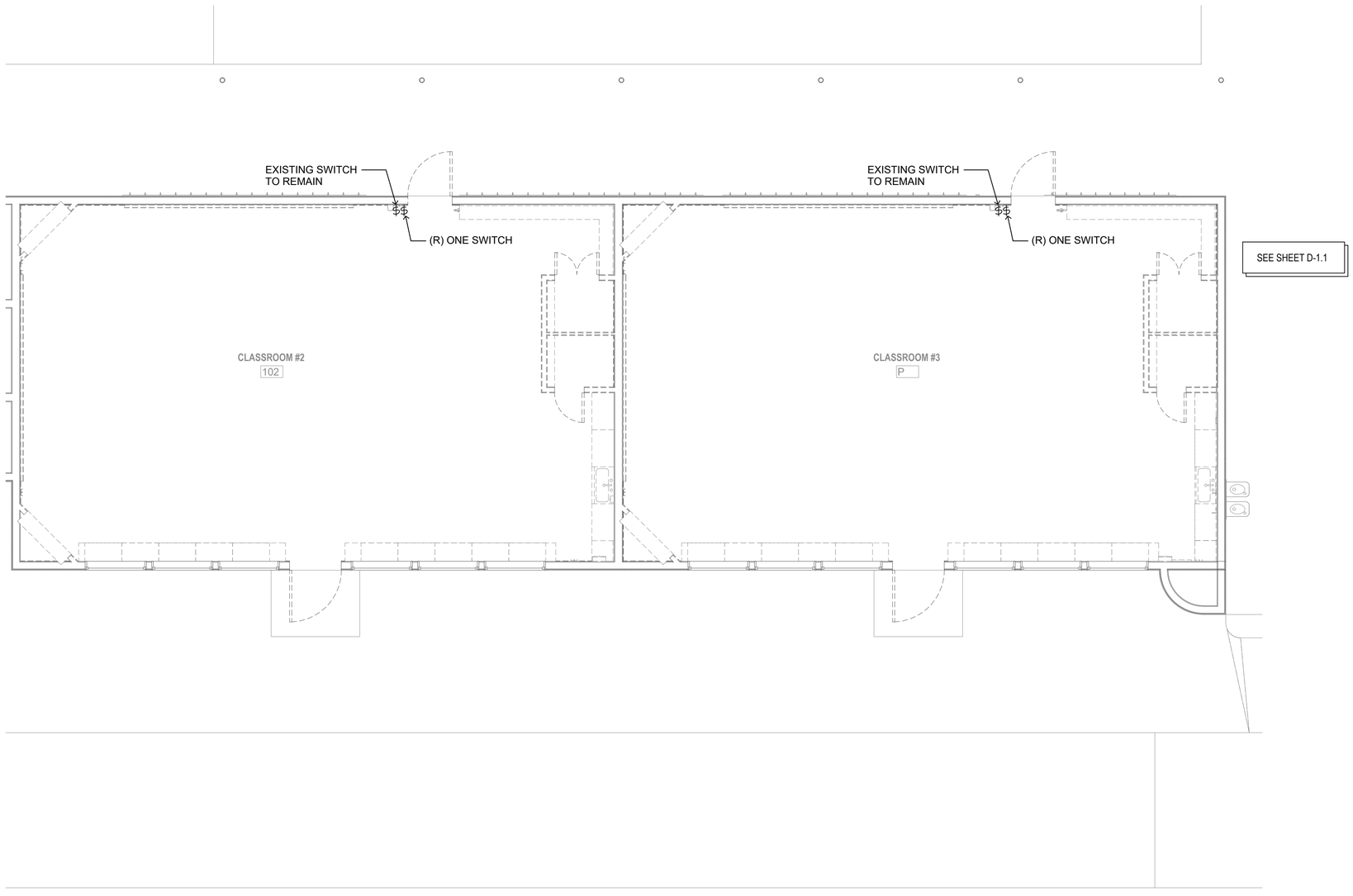
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ELECTRICAL DEMOLITION NOTES

1. REMOVE ALL SERVICE RACEWAY COMPLETE
2. REMOVE ALL RECEPTACLES COMPLETE
3. REMOVE ALL DATA OUTLETS COMPLETE



ELECTRICAL DEMOLITION PLAN

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

1
E-2.0

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ELECTRICAL DEMOLITION PLAN

RNT Project No.	22943.01
Date	01/30/2024
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ELECTRICAL NOTES

1. RECEPTACLES SHALL BE TAMPER RESISTANT.

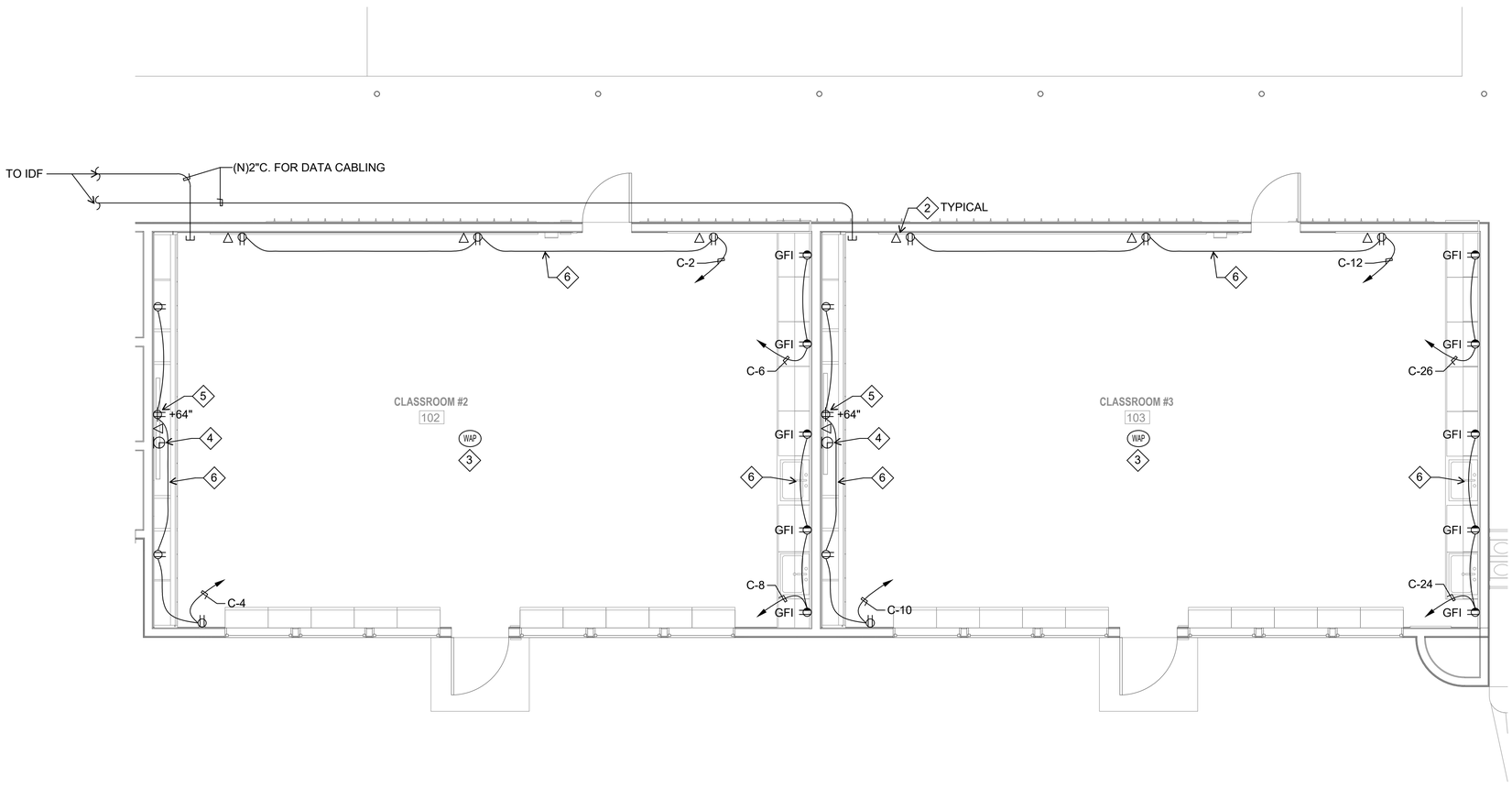
◇2 PROVIDE DATA OUTLET W/ (2)RJ45 CONNECTORS AND (2)CAT6 CABLES BACK TO IDF.

◇3 CONNECT WIRELESS ACCESS POINT, FBO. PROVIDE CAT6A CABLE BACK TO IDF

◇4 CONNECT CLOCK, FBO

◇5 CONNECT TOUCH SCREEN

◇6 CUT, PATCH & PAINT WALLS TO ACCOMMODATE CONDUIT, WIRE, BOXES & FITTINGS



POWER PLAN

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

1
E-2.1

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Sheet Name

POWER PLAN

RNT Project No.	22943.01
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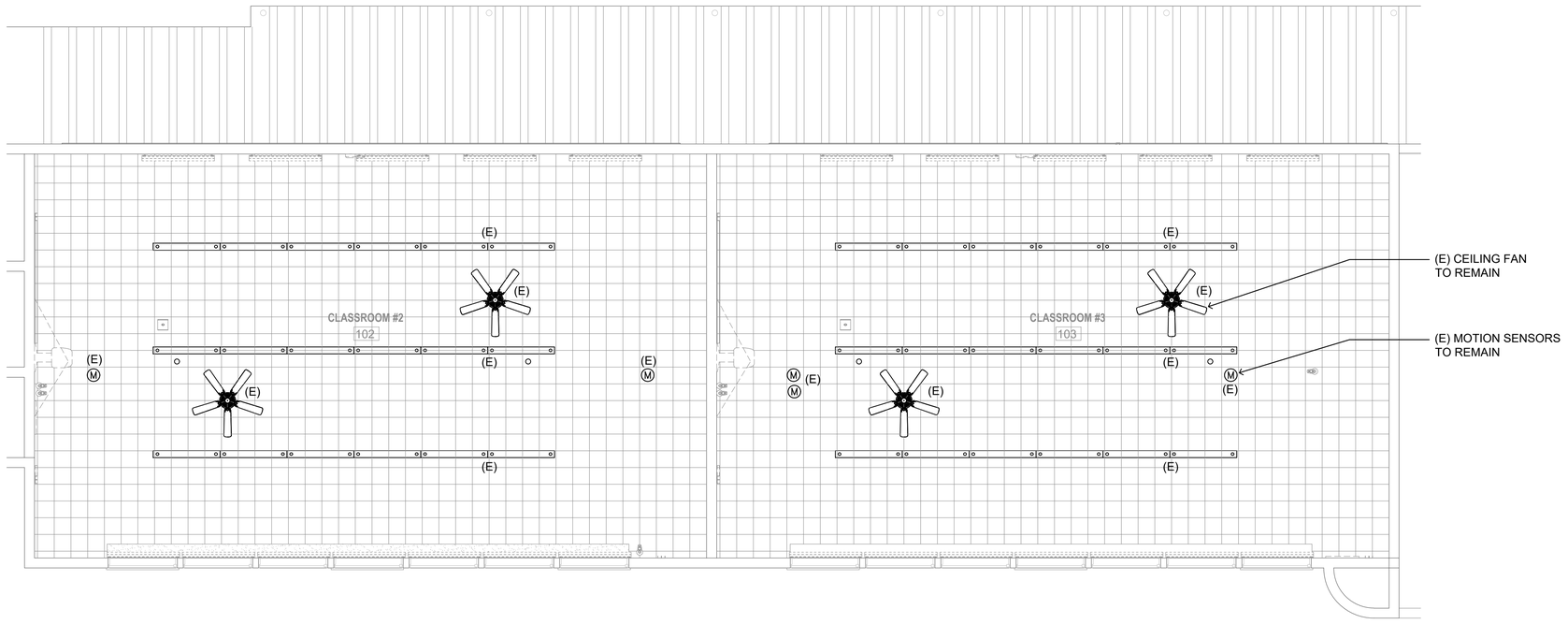
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LIGHTING DEMOLITION NOTES

1. REMOVE LIGHT FIXTURE COMPLETE.
2. RETAIN EXISTING JUNCTION BOX TO USE FOR NEW LIGHT FIXTURE.



LIGHTING DEMOLITION PLAN

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

1
E-3.0

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EXP. 06/30/2025
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STATE OF CALIFORNIA

Sheet Name

LIGHTING DEMOLITION PLAN

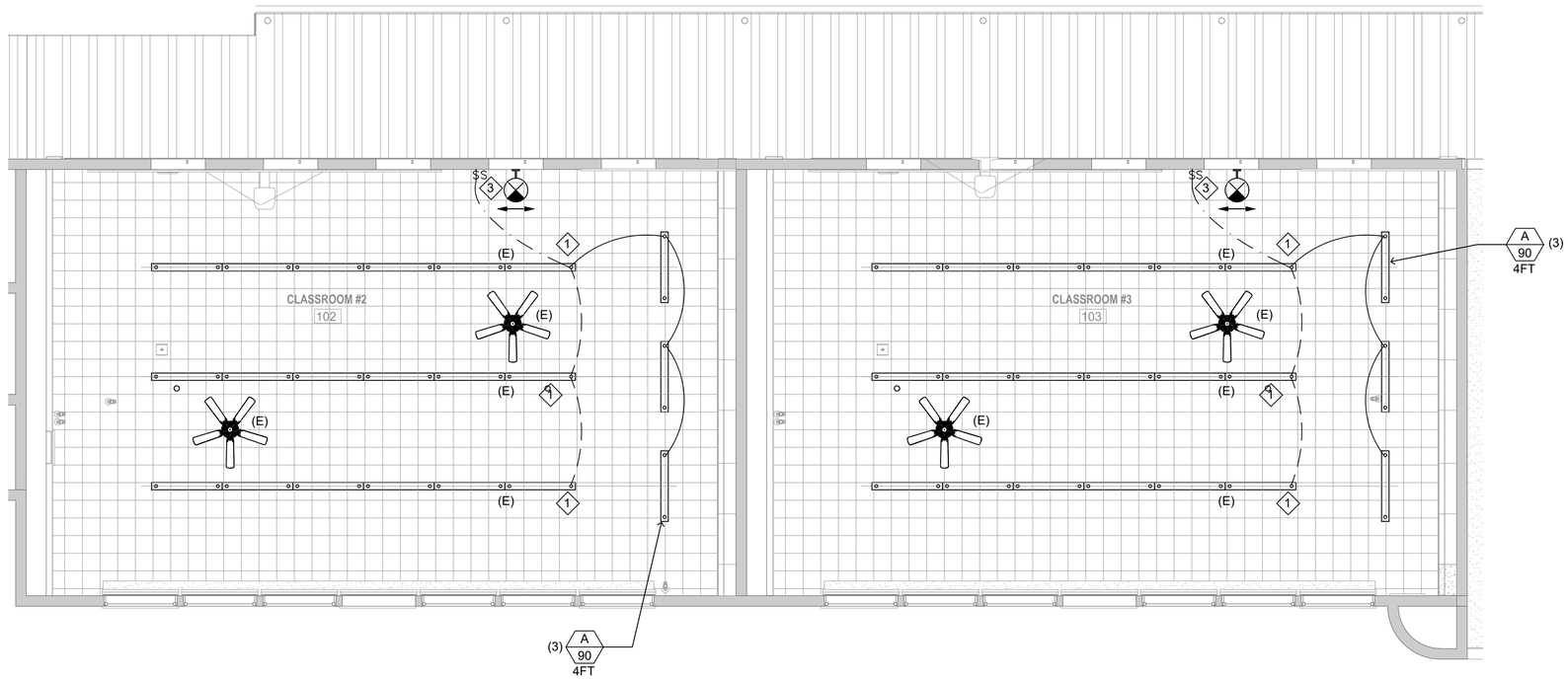
RNT Project No.	22943.01
Date	01/30/2024
Drawn by	CLD
Checked by	CS

Sheet Number

E-3.0

LIGHTING NOTES

1. CONNECT TO (E) CIRCUIT
2. RECONNECT EXISTING MOTION SENSOR.
3. nLIGHT#rPO



LIGHTING PLAN

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

1
E-3.1

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TYSON CLINE
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VENTURA UNIFIED SCHOOL DISTRICT

ATLAS CLASSROOMS 2 AND 3 CONVERSION

760 JAZMIN AVE
VENTURA, CA 93004

BID SET 4/11/2022

No.	Description	Date

JMPE
ELECTRICAL ENGINEERING
LIGHTING DESIGN
CA REGISTRATION NO E13083

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Sheet Name

LIGHTING PLAN

RNT Project No.	22943.00
Date	01/30/2024
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E-3.1

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PLUMBING NOTES

1. SCOPE OF WORK: PLUMBING WORK INCLUDES THE FOLLOWING: DEMOLITION OF EXISTING FIXTURES & PIPING BOTH BELOW GRADE & ABOVE GRADE PIPING INDICATED ON THE THE PLUMBING AND ARCHITECTURAL DRAWINGS. AS A PART OF THIS WORK, ANYTHING OF ANY KIND RELATED TO THE BUILDING AND IT'S STRUCTURE IF REMOVED TO DEMO OR INSTALL NEW PLUMBING OF ANY KIND, NEEDS TO BE REPLACED AND PUT BACK TO A BETTER CONDITION PER LATEST BUILDING CODE THAN WHAT WAS PRIOR TO WORK TAKING PLACE. FURNISH AND INSTALL ALL PIPING AND PLUMBING FIXTURES SHOWN ON THE PLUMBING AND ARCHITECTURAL DRAWINGS AND DESCRIBED IN THESE NOTES AND THE BOOK SPECIFICATIONS. UNLESS OTHERWISE DIRECTED BY BUILDING OWNER, CONTRACTOR SHALL ARRANGE FOR AND PAY ALL FEES FOR CONNECTIONS TO UTILITIES FOR GAS, WATER, & SEWER. IN CONNECTION WITH THIS WORK CONTRACTOR SHALL ALSO FURNISH AND INSTALL ALL NECESSARY LABOR, DEVICES, HARDWARE AND SYSTEMS REQUIRED TO MAKE SAID SYSTEMS PROPERLY AND SAFELY OPERABLE, INCLUDING, BUT NOT LIMITED TO, CONCRETE SAW CUTTING, TRENCHING AND BACKFILL, PATCHING & FILLING OF UNUSED PENETRATIONS, PIPING MOUNTING AND SUPPORT HARDWARE, FRAMING, INSULATION, VALVES, CLEANOUTS AND PATCHING & PAINTING.

2. EXAMINATION OF SITE AND CONTRACT DOCUMENTS. EACH BIDDER SHALL, AT ITS SOLE COST AND EXPENSE, INSPECT THE SITE OF THE PROPOSED WORK TO BECOME FULLY ACQUAINTED WITH CONDITIONS RELATING TO THE WORK AND TO FULLY UNDERSTAND THE FACILITIES, DIFFICULTIES AND RESTRICTIONS ATTENDING THE EXECUTION OF THE WORK UNDER THE CONTRACT DOCUMENTS AND COST THEREOF. BIDDERS SHALL THOROUGHLY REVIEW AND BE FAMILIAR WITH THE CONTRACT DOCUMENTS, INCLUDING WITHOUT LIMITATION, THE SPECIFICATIONS AND THE DRAWINGS. THE FAILURE OR OMISSION OF ANY BIDDER TO RECEIVE OR EXAMINE ANY OF THE CONTRACT DOCUMENTS, FORMS, INSTRUMENTS, ADDENDA, OR OTHER DOCUMENTS OR TO INSPECT THE SITE SHALL NOT RELIEVE SUCH BIDDER FROM ANY OBLIGATIONS WITH RESPECT TO THE BID PROPOSAL, THE CONTRACT OR THE WORK REQUIRED UNDER THE CONTRACT DOCUMENTS. THE OWNER ASSUMES NO RESPONSIBILITY OR LIABILITY TO ANY BIDDER FOR, NOR SHALL THE OWNER BE BOUND BY, ANY UNDERSTANDINGS, REPRESENTATIONS OR AGREEMENTS OF THE OWNER'S AGENTS, EMPLOYEES OR OFFICERS CONCERNING THE CONTRACT DOCUMENTS OR THE WORK MADE PRIOR TO EXECUTION OF THE CONTRACT. THE SUBMISSION OF A BID PROPOSAL SHALL BE DEEMED PRIMA FACIE EVIDENCE OF THE BIDDER'S FULL COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION.

3. INTERPRETATION OF DRAWINGS, SPECIFICATIONS OR CONTRACT DOCUMENTS. IF ANY BIDDER IS IN DOUBT AS TO THE TRUE MEANING OF ANY PART OF THE DRAWINGS, THE SPECIFICATIONS OR OTHER PORTIONS OF THE CONTRACT DOCUMENTS; FINDS DISCREPANCIES, ERRORS OR OMISSIONS THEREIN; OR FINDS VARIANCES IN ANY OF THE CONTRACT DOCUMENTS WITH APPLICABLE RULES, REGULATIONS, ORDINANCES AND/OR LAWS, A WRITTEN REQUEST FOR AN INTERPRETATION OR CORRECTION THEREOF MAY BE SUBMITTED TO THE ENGINEER. IT IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE BIDDER TO SUBMIT SUCH REQUEST IN SUFFICIENT TIME FOR THE PREPARATION OF A RESPONSE THERETO AND DELIVERY OF SUCH RESPONSE TO ALL BIDDERS PRIOR TO THE SCHEDULED CLOSING FOR RECEIPT OF BID PROPOSALS. ANY REQUEST OF ANY BIDDER, PURSUANT TO THE FOREGOING SENTENCE THAT IS MADE LESS THAN SEVEN DAYS PRIOR TO THE SCHEDULED CLOSING DATE FOR THE RECEIPT OF BID PROPOSALS SHALL BE DEEMED UNTIMELY. ANY INTERPRETATION OR CORRECTION OF THE CONTRACT DOCUMENTS WILL BE MADE ONLY BY WRITTEN ADDENDUM DULY ISSUED BY THE OWNER OR THE ENGINEER. A COPY OF ANY SUCH ADDENDUM WILL BE MAILED OR OTHERWISE DELIVERED TO EACH BIDDER RECEIVING A SET OF THE CONTRACT DOCUMENTS. NO PERSON IS AUTHORIZED TO RENDER AN ORAL INTERPRETATION OR CORRECTION OF ANY PORTION OF THE CONTRACT DOCUMENTS TO ANY BIDDER, AND NO BIDDER IS AUTHORIZED TO RELY ON ANY SUCH ORAL INTERPRETATION OR CORRECTION. FAILURE TO REQUEST INTERPRETATION OR CLARIFICATION OF THE DRAWINGS, THE SPECIFICATIONS OR OTHER PORTIONS OF THE CONTRACT DOCUMENTS PURSUANT TO THE FOREGOING SHALL BE DEEMED TO BE A WAIVER OF ANY DISCREPANCY, DEFECT, OR CONFLICT THEREIN.

4. DIMENSIONS. ALL DIMENSIONS SHALL HAVE PREFERENCE OVER SCALE. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS BEFORE PROCEEDING WITH WORK. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON WORKING DRAWINGS. ALL SIZES OF EQUIPMENT AND MATERIALS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER. ALL PLUMBING FIXTURES SHALL BE INSTALLED PER THE DIMENSIONS ON THE ARCHITECTURAL DRAWINGS.

5. CODES AND STANDARDS: ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE 2022 CALIFORNIA PLUMBING CODE, THE 2022 CALIFORNIA MECHANICAL CODE, THE 2022 CALIFORNIA BUILDING CODE, THE STATE OF CALIFORNIA, DSA, THE LOCAL JURISDICTION, AND STANDARD CONSTRUCTION PRACTICES. ALL PLUMBING FIXTURES SHALL BE IN STRICT ACCORDANCE WITH THE FIXTURE SCHEDULE, AND SHALL BE NEW AND FREE FROM DEFECTS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES, AND SHALL OBTAIN APPROVED INSPECTIONS FOR ALL WORK AS REQUIRED BY OWNER, DSA, AND LOCAL JURISDICTION. CONTRACTOR SHALL MAINTAIN IN EFFECT ALL INSURANCE REQUIRED BY STATE LAWS, LOCAL JURISDICTION, AND GENERAL CONTRACTOR / OWNER. WHERE CONFLICT OR VARIATION EXISTS AMONGST CODES, STANDARDS SPECIFICATIONS, OR DRAWINGS, THE MOST STRINGENT SHALL GOVERN.

6. SUBMITTALS REQUIRED: PRIOR TO ORDERING FIXTURES AND MATERIALS, CONTRACTOR SHALL FURNISH SUBMITTALS OF ALL FIXTURES AND MATERIALS PROPOSED FOR USE IN THIS PROJECT. ALL FIXTURES AND MATERIALS SHALL BE INSTITUTIONAL GRADE HEAVY DUTY QUALITY. ORDERING OF FIXTURES AND MATERIALS SHALL ONLY PROCEED AFTER SATISFACTORY REVIEW OF ALL SUBMITTALS BY ENGINEER / OWNER. COPIES OF ALL OWNER'S MANUALS, WARRANTIES, AND OTHER WRITTEN INFORMATION REGARDING SYSTEMS SHALL BE SUBMITTED TO OWNER.

7. CONSTRUCTION OBSERVATION: IN ADDITION TO THE REQUIREMENT FOR OBTAINING INSPECTIONS BY THE LOCAL JURISDICTION, CONTRACTOR SHALL NOTIFY ENGINEER AT APPROPRIATE TIMES DURING THE CONSTRUCTION PROCESS SO THAT ENGINEER CAN VISIT SITE TO BECOME GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF CONTRACTOR'S WORK AND TO DETERMINE IF THE WORK IS PROCEEDING IN GENERAL ACCORDANCE WITH THE CONTRACT DOCUMENTS.

8. UNDERGROUND ALERT: CALL 811 BEFORE YOU DIG OR VISIT CALIFORNIA811.ORG TO REQUEST A TICKET ONLINE."

DO NOT START ANY EXCAVATION JOB WITHOUT FIRST OBTAINING A POSITIVE RESPONSE FROM SOCALGAS THAT YOUR LOCATE AND MARK REQUEST HAS BEEN ADDRESSED.

BEFORE LAYING OUT PIPING AND PERFORMING TRENCHING, CONTRACTOR SHALL DETERMINE LOCATIONS OF EXISTING UNDERGROUND UTILITIES. CONTACT "DIG ALERT / UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA" - 811 OR CALIFORNIA811.ORG. CONTRACTOR SHALL ALSO CONTACT OWNER'S REPRESENTATIVE TO ASCERTAIN LOCATIONS OF UNDERGROUND PIPING AND OTHER CONDITIONS AFFECTING TRENCHING, AND SHALL PERFORM TESTING AND SUBSURFACE EXPLORATION AS NECESSARY TO LOCATE UTILITIES.

9. TRENCHING: MATERIAL SHALL BE EXCAVATED FROM TRENCHES AND PILED ADJACENT TO THE TRENCH. MATERIAL SHALL BE PILED IN SUCH A MANNER THAT WILL CAUSE A MINIMUM OF INCONVENIENCE TO PUBLIC TRAVEL. ALL ROCK, BOULDERS, AND STONES SHALL BE REMOVED TO PROVIDE A MINIMUM CLEARANCE OF SIX (6) INCHES UNDER AND AROUND PIPES. EXCAVATIONS SHALL BE KEPT FREE OF WATER. TRENCHES SHALL BE DUG TO TRUE AND SMOOTH BOTTOM GRADES AND IN ACCORDANCE WITH THE LINES INDICATED ON DRAWINGS AND AS DIRECTED. TRENCH WIDTHS SHALL NOT EXCEED 30 INCHES OR 1.5 TIMES OUTSIDE DIAMETER OF THE PIPE PLUS 18 INCHES WHICHEVER IS GREATER. MINIMUM TRENCH WIDTH SHALL BE THE OUTSIDE DIAMETER OF PIPE INSTALLED PLUS 12 INCHES.

DEPTH OF TRENCHING FOR WATER SHALL BE SUCH AS TO GIVE A MINIMUM COVER OF 18 INCHES OVER THE TOP OF THE PIPE. DEEPER EXCAVATION MAY BE REQUIRED DUE TO LOCALIZED BREAKS IN GRADE, OR TO INSTALL THE NEW PIPING UNDER EXISTING CULVERTS OR OTHER UTILITIES WHERE NECESSARY.

TRENCHING FOR SEWERS AND DRAINS SHALL BE OF SUFFICIENT WIDTH TO PERMIT PROPER JOINTING OF THE PIPE AND BACKFILLING OF MATERIAL ALONG THE SIDES OF THE PIPE. TRENCH WIDTH AT THE SURFACE OF THE GROUND SHALL BE KEPT TO THE MINIMUM AMOUNT NECESSARY TO INSTALL THE PIPE IN A SAFE MANNER. TRENCHES SHALL BE EXCAVATED BELOW THE BARREL OF THE PIPE A SUFFICIENT DISTANCE TO PROVIDE FOR BEDDING MATERIAL.

WHERE THE TRENCH BOTTOM IS IN A MATERIAL WHICH IS UNSUITABLE FOR FOUNDATION OR WHICH WILL MAKE IT DIFFICULT TO OBTAIN UNIFORM BEARING FOR THE PIPE, SUCH MATERIAL SHALL BE REMOVED AND A STABLE FOUNDATION PROVIDED. THIS SHALL INCLUDE THE PREPARATION OF THE NATIVE TRENCH BOTTOM AND/OR THE TOP OF THE FOUNDATION MATERIAL TO A UNIFORM GRADE SO THAT THE ENTIRE LENGTH OF PIPE RESTS FIRMLY ON A SUITABLE PROPERLY COMPACTED MATERIAL. GRAVEL TO BE USED FOR FOUNDATION PURPOSES SHALL BE OF A TYPE AND GRADATION TO PROVIDE A SOLID COMPACT BEDDING IN THE TRENCH.

10. BACKFILL: CONTRACTOR SHALL COMPLETE 4" SAND AT 95% COMPACTION BEDDING AND THEN BACKFILL TO 6 INCHES OVER THE TOP OF THE PIPE WITH SAND BEFORE STARTING BACKFILLING OPERATIONS. TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE PIPE FROM DAMAGE, MOVEMENT AND SHIFTING. COMPACTION EQUIPMENT USED ABOVE THE PIPE ZONE SHALL BE OF A TYPE THAT DOES NOT INJURE THE PIPE. WHERE ORIGINAL EXCAVATED MATERIAL IS UNSUITABLE FOR TRENCH BACKFILL, BACKFILL GRAVEL SHALL BE PLACED. UNSUITABLE MATERIAL SHALL BE REMOVED TO A DISPOSAL AREA. WHEREVER A TRENCH IS EXCAVATED IN A PAVED ROADWAY, SIDEWALK OR OTHER AREA WHERE MINOR SETTLEMENTS WOULD BE DETRIMENTAL AND WHERE NATIVE EXCAVATED MATERIAL IS NOT SUITABLE FOR COMPACTION AS BACKFILL, TRENCH SHALL BE BACKFILLED WITH BACKFILL GRAVEL. WARNING TAPE MARKERS AND TRACER WIRES SHALL BE INSTALLED DURING BACKFILL OPERATIONS.

THE METHOD OF COMPACTION SHALL BE AT CONTRACTOR'S OPTION, UNLESS EXCAVATION PERMIT REQUIRES A SPECIFIC TYPE. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE PROPER SIZE AND TYPE OF COMPACTION EQUIPMENT AND SELECT THE PROPER METHOD OF UTILIZING SAID EQUIPMENT TO ATTAIN THE REQUIRED COMPACTION DENSITY. COMPACTION BY WATER JETTING WILL NOT BE PERMITTED.

WHERE BACKFILL IS REQUIRED TO BE COMPACTED TO A SPECIFIED DENSITY, TESTS FOR COMPLIANCE SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING AUTHORITY. ALLOW TESTING SERVICE TO INSPECT AND APPROVE EACH SUBGRADE AND FILL LAYER BEFORE FURTHER FILL, BACKFILL OR CONSTRUCTION WORK IS PERFORMED.

11. PIPING LOCATIONS: PIPING LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL LATERAL STUBS, OFFSETS, OBSTRUCTIONS, ETC. REQUIRED IN THE FIELD. THE ACTUAL LOCATIONS OF LINES, CLEANOUTS AND CONNECTIONS MAY VARY PROVIDED THAT COMPLETE SYSTEMS ARE SIZED AND INSTALLED IN COMPLIANCE WITH CODES. ANY SIGNIFICANT DEVIATIONS FROM THE PLANS SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER PRIOR TO INSTALLATION.

12. WATER PIPING: WATER PIPING: ALL UNDERGROUND SITE PIPING SHALL BE U.S. MANUFACTURED SCH. 80 PVC. INSTALL TAPE MARKERS AND TRACER WIRES FOR ALL BURIED PLASTIC PIPE. ALL ABOVE GROUND COLD AND HOT WATER PIPES IN BUILDINGS SHALL BE U.S. MANUFACTURED TYPE "L" HARD COPPER WITH (NON-LEAD) SOLDER SWEAT JOINTS. ALL UNDERGROUND WATER PIPING IN BUILDINGS SHALL BE U.S. MANUFACTURED TYPE "K" SOFT COPPER, WITH NO JOINTS ALLOWED UNDER SLABS. UNDERGROUND JOINTS SHALL BE BRAZED. ALL WATER SHUT-OFF VALVES SHALL BE BALL TYPE OF LEAD-FREE CONSTRUCTION, NIBCO S-685-80-LF OR EQUAL. WHERE PIPES PIERCE FINISHED SURFACES, CHROME PLATED CAST BRASS ESCUTCHEONS WITH SET SCREW (BRASSCRAFT CB SERIES OR EQUAL) SHALL BE INSTALLED. SINK STOPS SHALL BE LEAD-FREE HEAVY PATTERN, ANGLE, 1/2" FEMALE INLET, 1/2" FEMALE OUTLET, WITH LOOSE KEY, CHROME PLATED, CHICAGO FAUCET 442-LK OR EQUAL. CONNECT STOPS WITH CHROME PLATED BRASS NIPPLES INTO FIP ADAPTERS BEHIND ESCUTCHEONS. SUPPLY TUBES SHALL BE BRAIDED STAINLESS STEEL WITH (1) 1/2" FEMALE FITTING & (1) 1/2" MALE FITTING

13. WATER PRESSURE: WATER PRESSURE SHALL BE MAINTAINED AT A MINIMUM OF 60 PSI. IF WATER PRESSURE IS IN EXCESS OF 80 PSI, AN APPROVED WATER PRESSURE REGULATOR AND PRESSURE RELIEF VALVE SHALL BE INSTALLED.

14. WASTE AND VENT PIPING: ALL DRAIN & VENT PIPING AND FITTINGS SHALL BE U.S. MANUFACTURED "NO-HUB" CAST IRON WITH STAINLESS STEEL BAND CLAMPS. THE BUILDING SEWER (BEYOND 5 FEET OF FOUNDATION) SHALL BE U.S. MANUFACTURED SCHEDULE 40 PVC PLASTIC GRAVITY SEWER PIPE MEETING THE REQUIREMENTS OF ASTM D-2665.& D-1785& NSF LISTED. EXTENSIONS TO SERVE CLEANOUTS AT GRADE SHALL BE NO-HUB CAST IRON WITH STAINLESS STEEL BAND CLAMPS. ALL LINES SHALL BE SLOPED @ 1/4"/FT MIN OR IN COMPLIANCE WITH CODE. WHERE VENT PIPES PENETRATE THE ROOF, PIPING SHALL BE FLASHED AND COUNTER-FLASHED. VANDAL-PROOF VENT CAPS (JR SMITH 1748, ZURN Z-193, OR EQUAL) SHALL BE INSTALLED ON EVERY PLUMBING VENT. SINKS SHALL BE INSTALLED WITH ADA COMPLIANT OFFSET PERFORATED GRID DRAIN ASSEMBLIES, AMER STD, OR EQUAL. SINK P-TRAPS SHALL BE INSTITUTIONAL GRADE CHROME PLATED VANDAL-PROOF HEAVY DUTY CAST BRASS, MCGUIRE MFG CO "VANDAL TRAP", OR EQUAL. FOR ACCESSIBLE LAVATORIES AND SINKS, INSULATE WITH TRUEBRO LAV SHIELD AT LAVS AND TRUEBRO LAV GUARD AT SINKS, WITH TAMPER-RESISTANT FASTENERS. WHERE DRAINS PENETRATE WALLS, CHROME PLATED CAST BRASS ESCUTCHEONS WITH SET SCREWS SHALL BE INSTALLED. COMBINE ALL PLUMBING VENTS AND RUN TO HIGHEST PART OF ROOF, AT LEAST 10-FT. FROM AIR INTAKES. ALL UNDERGROUND CAST IRON SHALL BE WRAPPED WITH 10 MIL POLYETHYLENE PER THE DUCTILE IRON PIPE RESEARCH COUNCIL RECOMMENDATIONS.

15. CLEANOUTS: WALL CLEANOUTS SHALL BE CAST IRON CLEANOUT TEE WITH COUNTERSUNK BRONZE PLUG AND ROUND STAINLESS STEEL COVER WITH VANDAL-PROOF -SCREWS - J.R. SMITH 4532S-UY; ZURN Z-1446-BP-VP, OR EQUAL. FLOOR CLEANOUTS SHALL BE CAST IRON BODY WITH BRONZE PLUG AND SQUARE ADJUSTABLE NON-SKID NICKEL-BRONZE TOP WITH VANDAL PROOF TOP FOR FINISHED FLOOR, J.R. SMITH 4043S-PB, ZURN ZN-1400-TVP, OR EQUAL. CLEANOUTS TO GRADE SHALL BE J.R. SMITH 4253S OR EQUAL WITH BRONZE PLUG AND NON-SKID COVER WITH LIFTING DEVICE SET FLUSH WITH SURFACE FOR PAVED AREAS. NON-TRAFFIC OR NON-SURFACED AREAS SHALL BE INSTALLED WITH CAST IRON CLEANOUT RISERS TERMINATING WITH BRONZE PLUG WITHIN CONCRETE YARD BOX WITH CAST IRON COVER AND THE WORDS "BUILDING SEWER CLEANOUT" MARKED ON COVER.

16. PIPING SUPPORT: ALL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2022 CALIFORNIA PLUMBING CODE. HORIZONTAL WATER PIPES SHALL BE HUNG WITH SUPERSTRUT C-727-F ADJUSTABLE FELT-LINED PIPE HANGERS, THREADED ROD, AND BEAM ATTACHMENT BRACKETS, LOCATED AT SIX FOOT MAXIMUM INTERVALS. VERTICAL WATER PIPES SHALL BE SUPPORTED AT THEIR BASES AND AT EACH STORY OR AT TEN FOOT MAXIMUM INTERVALS. TO PREVENT SWAYING, PROVIDE LATERAL BRACING AT SIX FOOT INTERVALS ANCHORED TO OVERHEAD FRAMING.

HORIZONTAL CAST IRON PIPING SHALL BE HUNG WITH SUPERSTRUT C-710 ADJUSTABLE CLEVIS HANGERS, THREADED ROAD, AND BEAM ATTACHMENT BRACKETS, LOCATED AT FIVE FOOT MAXIMUM INTERVALS. TO PREVENT SWAYING, PROVIDE LATERAL BRACING AT FIVE FOOT INTERVALS ANCHORED TO OVERHEAD FRAMING. VERTICAL PIPING SHALL BE SUPPORTED AT EACH FLOOR WITH SUPERSTRUT C-720 RISER CLAMPS AND AT MIDSPAN WITH C-708 CLAMPS INTO SUPERSTRUT CHANNEL.

17. ROUGH-IN: EXCEPT WHERE INDICATED IN THE FIXTURE SCHEDULE FOR HANDICAPPED FIXTURES, PIPING ROUGH-IN SHALL BE IN PRECISE ACCORDANCE WITH THE STANDARD ROUGH-IN DIMENSIONS PUBLISHED BE THE MANUFACTURER. ALL FIXTURES SHALL BE LOCATED IN STRICT CONFORMANCE WITH THE ARCHITECTURAL PLANS. COORDINATE WITH MECHANICAL CONTRACTOR FOR INSTALLATION OF GAS AND CONDENSATE PIPING TO ANY HVAC UNITS. COORDINATE W/ FRAMING & CONCRETE CONTRACTORS FOR BACKING & BLOCKOUTS AS REQD.

18. INSULATION: FOR ACCESSIBLE LAVATORIES AND SINKS, INSULATE WITH TRUEBRO LAV SHIELD AT LAVS AND TRUEBRO LAV GUARD AT SINKS, WITH TAMPER-RESISTANT FASTENERS.

19. TESTING: ALL PIPING AND FIXTURES INSTALLED SHALL BE TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2022 CALIFORNIA PLUMBING CODE, THE LOCAL JURISDICTION, AND THE SCHOOL DISTRICT STANDARDS.

20. STERILIZATION: ALL WATER PIPING SHALL BE FLUSHED AND STERILIZED. FLUSH EACH UNIT OF WATER SUPPLY AND DISTRIBUTION SYSTEM THOROUGHLY WITH CLEAN WATER AT THE HIGHEST VELOCITIES ATTAINABLE. STERILIZE WATER LINES BY FILLING WITH A SOLUTION CONTAINING FIFTY (50) PARTS OF CHLORINE PER MILLION PARTS OF WATER AND HOLDING THE SOLUTION THEREIN FOR AT LEAST EIGHT (8) HOURS WITH A WATER HEAD OF AT LEAST FIVE FEET ABOVE THE HIGHEST POINT IN THE SYSTEM. CONTINUE FLUSHING UNTIL THE RESIDUAL CHLORINE IS APPROXIMATELY, BUT NOT MORE THAN, TWO (2.0) PARTS PER MILLION.

21. MAINTAIN A MINIMUM OF TEN FEET OF CLEARANCE BETWEEN ANY AIR INTAKE AND ALL VENTS AND FLUES.

22. MANDATORY ENERGY MEASURES: PLUMBING EQUIPMENT SUBJECT TO CCR TITLE 24, PART 6, SHALL BE CERTIFIED BY THE MANUFACTURER AS COMPLYING WITH THE EFFICIENCY REQUIREMENTS AS PRESCRIBED IN SECTIONS 111, 113, 114, AND 115. SAID PLUMBING EQUIPMENT SHALL BE SPECIFIED AND INSTALLED IN ACCORDANCE WITH SECTION 123.

23. CORRECTION OF WORK: THE CONTRACTOR SHALL PROMPTLY CORRECT ALL WORK THE SCHOOL DISTRICT FINDS DEFECTIVE OR FAILING TO CONFORM TO THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BEAR ALL COSTS REQUIRED BY THE CONTRACT DOCUMENTS. IF ANY OF THE WORK IS FOUND TO BE DEFECTIVE OR NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL CORRECT IT PROMPTLY AFTER RECEIPT OF A WRITTEN NOTICE FROM THE SCHOOL DISTRICT TO DO SO.

24. LOW-FLOW FIXTURES: THE PLUMBING FIXTURES AND PLUMBING FITTINGS SHALL MEET THE FOLLOWING STANDARDS: TOILETS - 1.28 GALLONS PER FLUSH MAX. SHOWERHEADS - 2.0 GPM MAX. LAVATORY FAUCETS - 0.5 GPM MAX. SINK FAUCETS - 1.5 GPM MAX. ALL FIXTURES SHALL MEET APPLICABLE ANSI STDS.

25. AS-BUILT DRAWINGS SHALL BE GIVEN TO THE SCHOOL DISTRICT PRIOR TO ACCEPTANCE OF THE PROJECT.

26. WARRANTY: THE CONTRACTOR SHALL WARRANT THAT ALL SYSTEMS, SUBSYSTEMS, AND COMPONENT PARTS ARE FULLY FREE FROM DEFECTIVE DESIGN, MATERIALS, AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE SCHOOL DISTRICT.

27. CLEANUP: CONTRACTOR SHALL THOROUGHLY CLEAN ENTIRE JOBSITE EVERY DAY OF ALL DEBRIS ASSOCIATED WITH PLUMBING INSTALLATION.

28. COORDINATION: CONTRACTOR SHALL COORDINATE WITH THE SCHOOL'S PROJECT MANAGER AND ALL RELATED TRADES.

29 CAP ALL ABANDONED PIPING BELOW FINISHED WALL OR FLOOR SURFACES.

30. CUTTING AND PATCHING. WORK INCLUDES CUTTING AND PATCHING (TO MATCH EXISTING) ALL SURFACES AND SYSTEMS DISTURBED BY THE PLUMBING WORK.

31. ALL WORK SHALL BE PERFORMED BY TRAINED AND QUALIFIED WORKERS. THE INSTALLATION SHALL BE EQUAL OR BETTER TO THE STANDARD OF CARE FOR THE RESPECTIVE TRADE. WORK SHALL BE NEAT AND CLEAN.

GREEN BUILDING NOTES

1. GENERAL CONTRACTOR SHALL ESTABLISH A CONSTRUCTION WASTE MANAGEMENT PLAN FOR THE DIVERTED MATERIALS, IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, OR MEET LOCAL CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT ORDINANCE, WHICHEVER IS MORE STRINGENT. WASTE MANAGEMENT PLAN SHALL:
A.) IDENTIFY THE MATERIALS TO BE DIVERTED FROM DISPOSAL BY EFFICIENT USAGE, RECYCLING, REUSE ON THE PROJECT OR SALVAGE FOR FUTURE USE OR SALE.
B.) DETERMINE IF MATERIAL WILL BE SORTED ON-SITE OR MIXED
C.) IDENTIFY DIVERSION FACILITIES WHERE MATERIALS COLLECTED WILL BE TAKEN.
D.) SPECIFY THE AMOUNT OF MATERIALS DIVERTED WHICH SHALL BE CALCULATED BY WEIGHT OR VOLUME, BUT NOT BOTH.

2. RECYCLE WASTE MATERIAL BEING REMOVED FROM SITE TO THE GREATEST EXTENT POSSIBLE. RECORD ALL AMOUNTS DISPOSED AND ALL AMOUNTS RECYCLED.

IMPORTANT NOTICE

ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS TO NOTIFY UNDERGROUND SERVICE ALERT TWO WORKING DAYS PRIOR TO STARTING ANY EXCAVATION OR RESURFACING.

CONTACT 811 OR california811.org

DIGALERT

CONTACT 811
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

ABBREVIATIONS

ABBR.	ABBREVIATIONS
ABV.	ABOVE
APPROX.	APPROXIMATELY
AFF	ABOVE FINISHED FLOOR
BLDG	BUILDING
BLW.	BELOW
BOT	BOTTOM
CFM	CUBIC FEET PER MINUTE
CL	CENTERLINE
CLG	CEILING
COND	CONDENSATE
CONT	CONTINUED
DIA	DIAMETER
DWN	DOWN
DS	DOWN SPOUT
DWG	DRAWING
(E)	EXISTING
EA.	EACH
ELEV	ELEVATION
ELEC.	ELECTRIC
EQUIP	EQUIPMENT
FIN	FINISHED
FLR	FLOOR
FRM	FROM
G	GAS
GPM	GALLONS PER MINUTE
MAX.	MAXIMUM
MIN.	MINIMUM
MPG	MEDIUM PRESSURE GAS
(N)	NEW
OC	ON CENTER
POC	POINT OF CONNECTION
RD	ROOF DRAIN
RO	ROOF OVERFLOW
SHT	SHEET
SOV	SHUT-OFF VALVE
TYP	TYPICAL
UGND	UNDERGROUND
UNDR	UNDER
VTR	VENT TO ROOF
WCO	WALL CLEAN-OUT
YB	YARD BOX

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 CHAPTER 13, 26, AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVEABLE 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 OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED 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 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 DIRECTION.

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 ABOVE REQUIREMENTS.

APPLICABLE CODE: 2022 CBC

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 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2022 CBC, SECTION 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. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., HCAi OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

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

MP ☐ MD ☐ PP ☒ E ☐ - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
MP ☐ MD ☐ PP ☐ E ☐ - OPTION 2: SHALL COMPLY WITH HCAi (OSHPD) PRE-APPROVAL (OPM #) #______________, AS INCLUDED IN THESE DRAWINGS WITH PROJECT-SPECIFIC NOTES AND DETAILS.

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VENTURA UNIFIED SCHOOL DISTRICT

ATLAS CLASSROOMS 2 AND 3 CONVERSION

760 JAZMIN AVE
VENTURA, CA 93004

BID SET 4/11/2022

No.	Description	Date

Sheet Name
PLUMBING NOTES

RNT Project No.	22943.01
Date	01/30/2024
Drawn by	TP
Checked by	PW

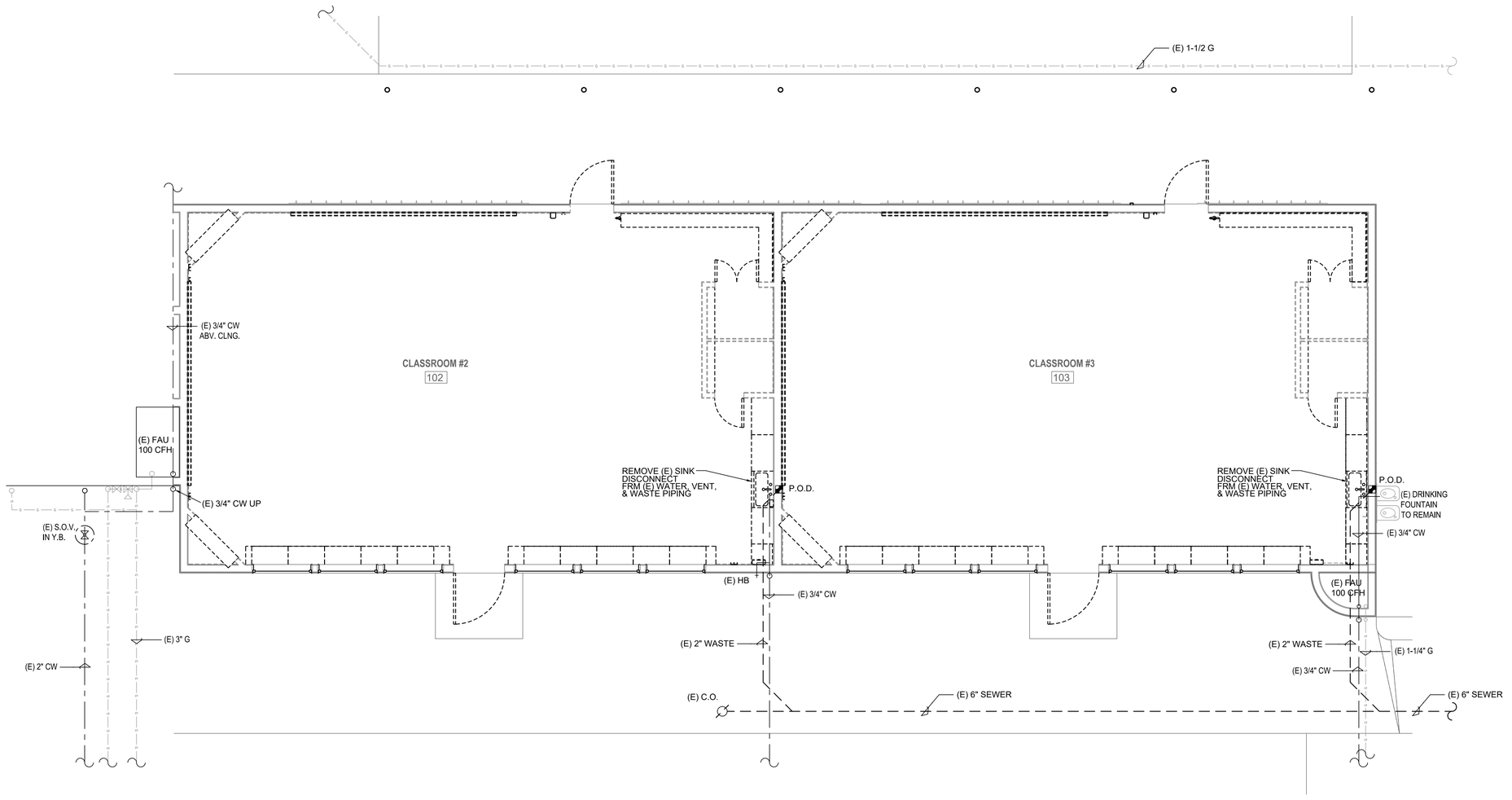
Sheet Number
P-100

BIM 360://943.01 Atlas Classroom 2 and 3 Conversion/Projects - 943 - VUSD ATLAS E.S Classrooms 2 & 3 Conversion.rvt
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NOTE :
CONTRACTOR SHALL FIRST OFFER ALL REMOVED FIXTURES & PIPING TO THE DISTRICT. IF NOT WANTED BY THE DISTRICT, CONTRACTOR SHALL PROPERLY DISPOSE / RECYCLE.

LINE LEGEND

- (E) COLD WATER
- DEMO COLD WATER
- (E) HOT WATER
- DEMO HOT WATER
- (E) VENT
- (E) WASTE
- DEMO WASTE
- (E) GAS
- TEE
- POD — POINT OF DISCONNECT



1 PLUMBING DEMOLITION FLOOR PLAN
1/4" = 1'-0"

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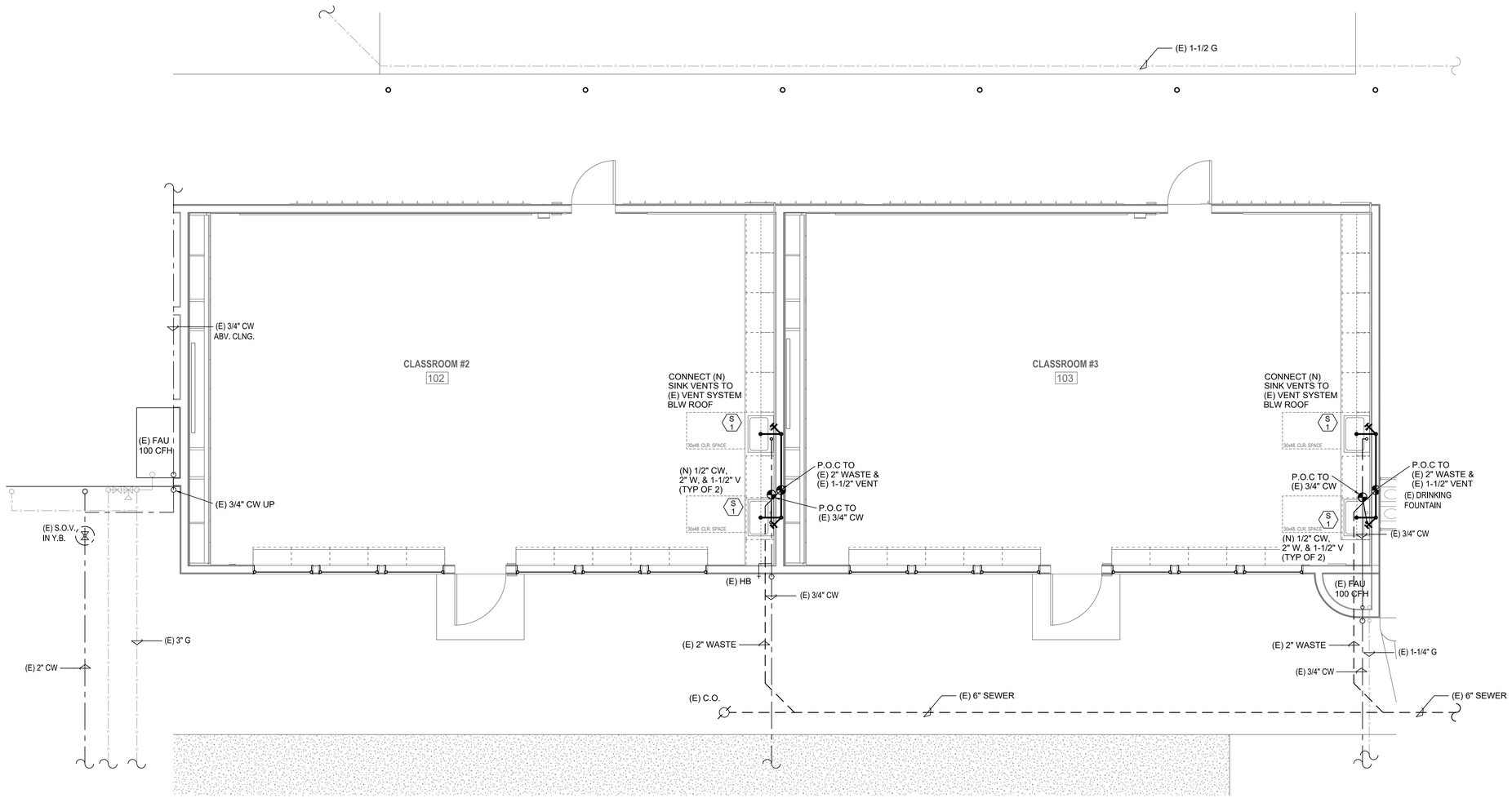
P-201

FIXTURE SCHEDULE

SYMBOL	WASTE	VENT	CW	HW	DESCRIPTION
S 1	2	1-1/2	1/2	-	CLASSROOM SINK. JUST MODEL SL-ADA-2131-A-GR. SINGLE BOWL. 18 GAUGE TYPE 304 STAINLESS STEEL SINK, 6-1/2" DEEP. ONE HOLE CENTERED W/ CHICAGO FAUCET MODEL 350-E35VPABCP. PROVIDE NEW ANGLE STOP, DRAIN PIPING, ESCUTCHEONS, AND SUPPLY TUBE. SEE ARCHITECTURAL PLANS FOR ADA COMPLIANT REQUIREMENT FOR HEIGHTS AND LOCATIONS. COORDINATE SINK SIZE WITH CABINET CONTRACTOR PRIOR TO ORDERING.

LINE LEGEND

- (E) COLD WATER
- (N) COLD WATER
- (E) HOT WATER
- (N) HOT WATER
- (E) VENT
- (N) VENT
- (N) WASTE OR SEWER
- (E) WASTE
- COND — (E) CONDENSATE
- TEE
- POC — POINT OF CONNECTION



1 PLUMBING FLOOR PLAN
1/4" = 1'-0"

NORTH

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P-301