

PLOT DATE:

NEW KINDERGARTEN CLASSROOM BUILDINGS

TAFT PRIMARY ELEMENTARY SCHOOL

TAFT CITY SCHOOL DISTRICT

212 LUCARD ST, TAFT, CA 93268

FLOOR ID NUMBERS:
03-1240-001, 03-1240-002, 03-1240-003

GENERAL NOTES		APPLICABLE CODES		BUILDING DATA																											
<p>NOTHING IN THE DRAWINGS AND/OR THE SPECIFICATIONS SHALL BE CONSTRUED TO PERMIT AN INSTALLATION THAT COULD BE IN VIOLATION OF THE APPLICABLE CODES, ORDINANCES, REGULATIONS, RESTRICTIONS, ETC.</p> <p>THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY. DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE DRAWINGS SHALL CAUSE THE CONTRACTOR TO NOTIFY THE ARCHITECT PRIOR TO MAKING ANY CHANGES IN THE WORK.</p> <p>THE DRAWINGS, IDEAS, DESIGNS AND ARRANGEMENTS REPRESENTED HEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT/OWNER AND NO PART THEREOF SHALL BE COPIED OR DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THESE DOCUMENTS HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF JTS MODULAR INC. VISUAL CONTACT WITH THESE DRAWINGS CONSTITUTES CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.</p> <p>WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND JTS MODULAR INC. MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.</p> <p>MISPLACEMENT, ADDITION, OR OMISSION OF ANY WORD, LETTER, FIGURE, PUNCTUATION MARK, ETC., SHALL IN NO WAY CHANGE OR ALTER THE TRUE INTENT, SPIRIT, OR MEANING OF THE DRAWINGS.</p> <p>THE CONTRACTOR SHALL STUDY AND COMPARE ALL DRAWING SHEETS AND SHALL REPORT ANY ERRORS, OMISSIONS, OR INCONSISTENCIES TO JTS MODULAR INC. BEFORE COMMENCING WORK IN THAT AREA.</p> <p>IF CONFLICTS BETWEEN VARIOUS ELEMENTS (ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL) OF THE WORK OF THE DRAWINGS ARE DISCOVERED, THEY SHALL BE BROUGHT TO THE ATTENTION OF JTS MODULAR INC. IN ACCORDANCE WITH THE CONDITIONS OF THE CONTRACT.</p> <p>EXISTING DIMENSIONS INDICATED ON THESE DRAWINGS HAVE BEEN PROVIDED FROM INFORMATION OBTAINED FROM THE DISTRICT. THE CONTRACTOR SHALL USE WHAT MEANS NECESSARY TO VERIFY THE DIMENSIONS IN THE AREAS OF DESIGNATED WORK THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO STARTING WORK IN THE AREA OF QUESTION.</p> <p>ALL WORK SHALL CONFORM TO TITLE 24, 2022 CALIFORNIA CODE OF REGULATIONS (C.C.R.)</p> <p>CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CCD APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR AND DSA IR A-6.</p> <p>A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.</p> <p>ARCHITECT OF RECORD TO VERIFY WITH LOCAL AUTHORITY THAT FOUNDATION DEPTH IS BELOW FROST LINE WHEN BUILDING IS LOCATED IN SNOW CONDITION.</p> <p>PC DESIGN IS NOT FOR INSTALLATION IN FIRE SEVERITY ZONES UNLESS REQUIREMENTS OF CBC CHAPTER 7A ARE DEMONSTRATED</p> <p>A GEO-TECHNICAL REPORT IS REQUIRED FOR BUILDINGS LONGER THAN 118'-8" PER IR A4-13 & 3.2.1 SUBMIT GEA HAZARD REPORT TO CGS</p>		<p>2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R., EFFECTIVE MARCH 5, 2022</p> <p>2022 CALIFORNIA BUILDING CODE (CBC) , PART 2, TITLE 24 C.C.R.</p> <p>2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.</p> <p>2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.</p> <p>2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.</p> <p>2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 C.C.R.</p> <p>2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.</p> <p>2022 CALIFORNIA ENERGY CODE, PART 6, EFFECTIVE JANUARY 1, 2023</p> <p>2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART II, TITLE 24 C.C.R.</p> <p>1990 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS PER 2022 CBC REFERENCED STANDARDS</p> <p>NFPA 13 STANDARDS FOR THE INSTALLATION OF FIRE SPRINKLERS (2022 EDITION - CA AMENDED).</p> <p>NFPA 24 STANDARDS FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (2019 EDITION - CA AMENDED).</p> <p>NFPA 25 STANDARD FOR INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS (2013 CA EDITION).</p> <p>NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (2022 EDITION)</p> <p>UL 38 MANUAL SIGNALING BOXES FOR FIRE ALARM SYSTEMS (2005 EDITION).</p> <p>UL 268 SMOKE DETECTORS AND FIRE ALARM SYSTEMS (2009 EDITION)</p> <p>UL 268A SMOKE DETECTORS FOR DUCT APPLICATIONS (2009 EDITION)</p> <p>UL 464 AUDIBLE SIGNAL APPLIANCES (2003 EDITION)</p> <p>UL 521 HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS (2005 EDITION).</p> <p>UL 1424 CABLES FOR POWER-LIMITED FIRE-ALARM CIRCUITS (2005 EDITION)</p> <p>UL 1971 SIGNALING DEVICES FOR THE HEARING IMPAIRED (2004 EDITION) AMERICANS WITH DISABILITIES ACT.</p>		<p>DESIGN LOADS: PER 2022 CBC</p> <table><tr><td>ROOF:</td><td>LIVE LOAD = REFER TO S1.1 DEAD LOAD = REFER TO S1.1</td><td rowspan="2">SEISMIC CONT:</td><td rowspan="2">MAPPED SPECTRAL RESPONSE ACCELERATION, S_s = REFER TO S1.1 SITE CLASS: REFER TO S1.1 DESIGN SPECTRAL RESPONSE ACCELERATION, S_{DS} = REFER TO S1.1 DESIGN SPECTRAL RESPONSE ACCELERATION, S_{DT} = REFER TO S1.1 SEISMIC DESIGN CATEGORY: REFER TO S1.1 BASIC SEISMIC-FORCE-RESISTING SYSTEM: REFER TO S1.1 DESIGN BASE SHEAR, V = REFER TO S1.1 RESPONSE MODIFICATION FACTOR, R = REFER TO S1.1 ANALYSIS PROCEDURE USED: REFER TO S1.1</td></tr><tr><td>WIND:</td><td>BASIC WIND SPEED (3-SEC GUST), V = 93 mph</td></tr><tr><td>SEISMIC:</td><td colspan="3">SITE CLASS: D SEISMIC DESIGN CATEGORY : D RISK CATEGORY: II S_s = 1.5 S₁ = 0.6 SDS = 1.2 SD1 = null F_a = 1.2 F_v = null</td></tr></table> <p>ONLY CHECKED BOXES APPLY TO THIS PROJECT:</p> <table><tr><td><input checked="" type="checkbox"/> 118(a)</td><td>INSTALLED INSULATING MATERIAL SHALL HAVE BEEN CERTIFIED BY THE MANUFACTURER TO COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL, TITLE 20, CHAPTER 4, ARTICLE 3.</td></tr><tr><td><input checked="" type="checkbox"/> 118(c)</td><td>ALL INSULATING MATERIAL SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF CHAPTER 7 AND 719 OF TITLE 24, PART 2.</td></tr><tr><td><input checked="" type="checkbox"/> 117(a)</td><td>ALL EXTERIOR JOINTS AND OPENINGS IN THE BUILDING THAT ARE OBSERVABLE SOURCES OF AIR LEAKAGE SHALL BE CAULKED, CASKETED, WEATHER-STRIPPED OR OTHERWISE SEALED.</td></tr><tr><td><input checked="" type="checkbox"/> 116(b)</td><td>SITE CONSTRUCTED DOORS, WINDOWS, AND SKYLIGHTS SHALL BE CAULKED BETWEEN THE UNIT AND THE BUILDING, AND SHALL BE WEATHER-STRIPPED (EXCEPT FOR UNFRAMED GLASS DOORS AND FIRE DOORS).</td></tr><tr><td><input checked="" type="checkbox"/> 116(a)</td><td>MANUFACTURED DOORS AND WINDOWS INSTALLED SHALL HAVE AIR INFILTRATION RATES NOT EXCEEDING THOSE SHOWN IN TABLE NUMBER 1-E OF THE STANDARDS. 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DESIGN PROFESSIONAL																															
<p>STRUCTURAL ENGINEER: ORION STRUCTURAL ENGINEERING, INC. 11305 RANCHO BERNARDO RD., SUITE 121, SAN DIEGO, CA 92127 CONTACT: RYAN OMER PHONE (858) 679-1974</p> <p>ELECTRICAL ENGINEER: CANTELM ENGINEERING 1800 21ST. ST, SUITE C BAKERSFIELD, CA 93301 CONTACT: KAREN MARTINEZ PHONE: (661) 324-5252</p>		<p>MODULAR MANUFACTURER: JTS MODULAR, INC. 7001 MCDIVITT DR. BAKERSFIELD, CA 93313 CONTACT: JESSE WALLA PHONE: (661)835-9270</p> <p>MECHANICAL ENGINEER: PLUMBING ENGINEER: CANTELM ENGINEERING 1800 21ST. ST, SUITE C BAKERSFIELD, CA 93301 CONTACT: FRANK CANTELM PHONE: (661) 324-5252</p>																													

MODULAR BUILDING (3M)	
CONSTRUCTION TYPE: V-B	ACTUAL HEIGHT: 14'-3"
OCCUPANCY: E	ACTUAL AREA: 1,440 SQ. FT.
ALLOWABLE HEIGHT: 40 FEET	OVERHANGS: 252 SQ. FT.
MAXIMUM ALLOWABLE AREA: 9,500 SQ. FT.	TOTAL: 1,692 SQ. FT.

DRAWING INDEX

*ALL SHEETS IN THIS SECTION ARE SITE-SPECIFIC AND BASED ON PC 02-120983

COVER SHEET (SHEETS: 1)
T-1.00-R TITLE SHEET

ARCHITECTURAL (SHEETS: 7)
A-1.02-R FLOOR PLAN
A-1.17-R ENLARGED FLOOR PLAN
A-1.23-R REFLECTED CEILING PLAN
A-1.32-R SCHEDULES
A-2.01-R INTERIOR ELEVATIONS
A-3.01-R EXTERIOR ELEVATIONS
A-4.00-R ROOF PLAN

STRUCTURAL (SHEETS: 1)
S2.1R EMBEDMENT PLAN - 3M

MECHANICAL (SHEETS: 1)
M1.01-R MECHANICAL FLOOR PLAN - 3M

ELECTRICAL (SHEETS: 3)
E1.01-R ELECTRICAL POWER PLAN - 3M
E1.03 ELECTRICAL LIGHTING PLAN - 3M
E5.05 ELECTRICAL PANEL SCHEDULES -3M

PLUMBING (SHEETS: 3)
P1.06 PLUMBING BELOW GRADE FLOOR PLAN - 3M
P1.07 PLUMBING ABOVE GRADE FLOOR PLAN - 3M
P1.08 PLUMBING DCW & DHW FLOOR PLAN - 3M

ENERGY CALCULATIONS (SHEETS: 3)
EC-6.01 ENERGY CALCULATIONS
EC-6.02 ENERGY CALCULATIONS
EC-6.03 ENERGY CALCULATIONS

TOTAL SHEETS: (19)

PC DRAWING INDEX

MF SOG 40 PC 02-120983 (SHEETS 52)

ARCHITECTURAL PC 02-120983 (SHEETS: 19)
T-1.00 TITLE PAGE
T-1.01 TEST & INSPECTION GUIDELINES
A-1.02 FLOOR PLANS: 2M & 3M WALL HUNG
A-1.17 ENLARGED FLOOR PLANS
A-1.20 CEILING DETAILS
A-1.23 REFLECTED CEILING PLANS: 2M, 3M & 4M (SPLIT SYSTEM)
A-1.31 GENERAL NOTES & CASEWORK DETAILS
A-1.32 SCHEDULES
A-2.01 INTERIOR ELEVATIONS
A-2.20 ACCESSIBILITY DETAILS
A-2.21 AGE GROUP ACCESSIBILITY DETAILS
A-3.01 EXTERIOR ELEVATIONS GABLE ROOF
A-4.00 ROOF PLANS
A-5.00 BUILDING SECTIONS
A-6.00 DETAILS
A-6.01 DETAILS
A-6.02 DETAILS
A-6.03 DETAILS
A-6.04 DETAILS

STRUCTURAL PC 02-120983 (SHEETS: 21)
S1.1 TYPICAL NOTES
S1.2 TYPICAL NOTES
S1.3 TYPICAL NOTES
S1.4 TYPICAL DETAILS
S1.5 TYPICAL DETAILS WOOD FRAMING
S1.6 TYPICAL DETAILS WOOD FRAMED SHEARWALL
S1.7 TYPICAL DETAILS ROOF FRAMING
S1.8 TYPICAL DETAILS
S1.9 TYPICAL DETAILS
S2.3 EMBEDMENT PLAN 3 MODULES
S3.3 FOUNDATION PLAN 3 MODULES
S4.1 ROOF FRAMING PLAN DOUBLE SLOPE OVERHANG
S5.1 FRAME ELEVATIONS DOUBLE SLOPE OVERHANG
S5.2 FRAME ELEVATIONS DOUBLE SLOPE OVERHANG
S5.9 FRAME DETAILS
S5.10 FRAME ELEVATIONS
S6.1 FOUNDATION DETAILS WOOD STUD WALLS
S6.3 FOUNDATION SHIM DETAILS WOOD STUD WALLS
S7.1 WOOD STUD FRAMING DETAILS
S7.2 WOOD STUD FRAMING DETAILS
S7.4 FRAMING DETAILS

MECHANICAL PC 02-120983 (SHEETS: 4)
M0.01 MECHANICAL GENERAL NOTES
M1.01 MECHANICAL PLANS: 2M, 3M, & 6M
M5.01 MECHANICAL DETAILS
M5.02 MECHANICAL SCHEDULE & DETAILS

ELECTRICAL PC 02-120983 (SHEETS: 4)
E0.01 ELECTRICAL NOTES
E1.01 ELECTRICAL PLANS: 2M & 3M (EXTERIOR MTD. HEAT PUMP)
E5.03 ELECTRICAL DETAILS
E5.04 ELECTRICAL LIGHTING SCHEDULE & DETAILS

PLUMBING PC 02-120983 (SHEETS: 3)
P0.01 PLUMBING NOTES
P5.01 PLUMBING DETAILS
P5.02 PLUMBING SCHEDULE

WASTE MANAGEMENT PC 02-120983 (SHEETS: 1)
WM-1.00 WASTE MGMT. PLAN

TOTAL SHEETS: 71

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124742 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 04/10/2025



COMMERCIAL
INSTITUTIONAL
AND
RESIDENTIAL
MODULAR
BUILDINGS
DESIGN &
PLANNING

7001 Mc Divitt Dr.
Bakersfield, CA 93313
Office: (661) 835-9270
Plant: (661) 833-2940
Fax: (661) 847-1007

www.jtsmodular.com

STRUCTURAL ENGINEER OF RECORD

ORION
Structural Engineering, Inc.
11305 Rancho Bernardo Rd.,
Suite 121
San Diego, CA 92127
PHONE (658) 679-1974
FAX (658) 679-1975



NEW MODULAR CLASSROOM BUILDING
TAFT PRIMARY ELEMENTARY SCHOOL
212 LUCARD ST, TAFT, CA 93268

TAFT CITY SCHOOL DISTRICT

DRAWING TITLE

TITLE SHEET

DSA APP NO.

03-124742

PROJECT NO.

03-1240

DRAWING

T-1.00-R

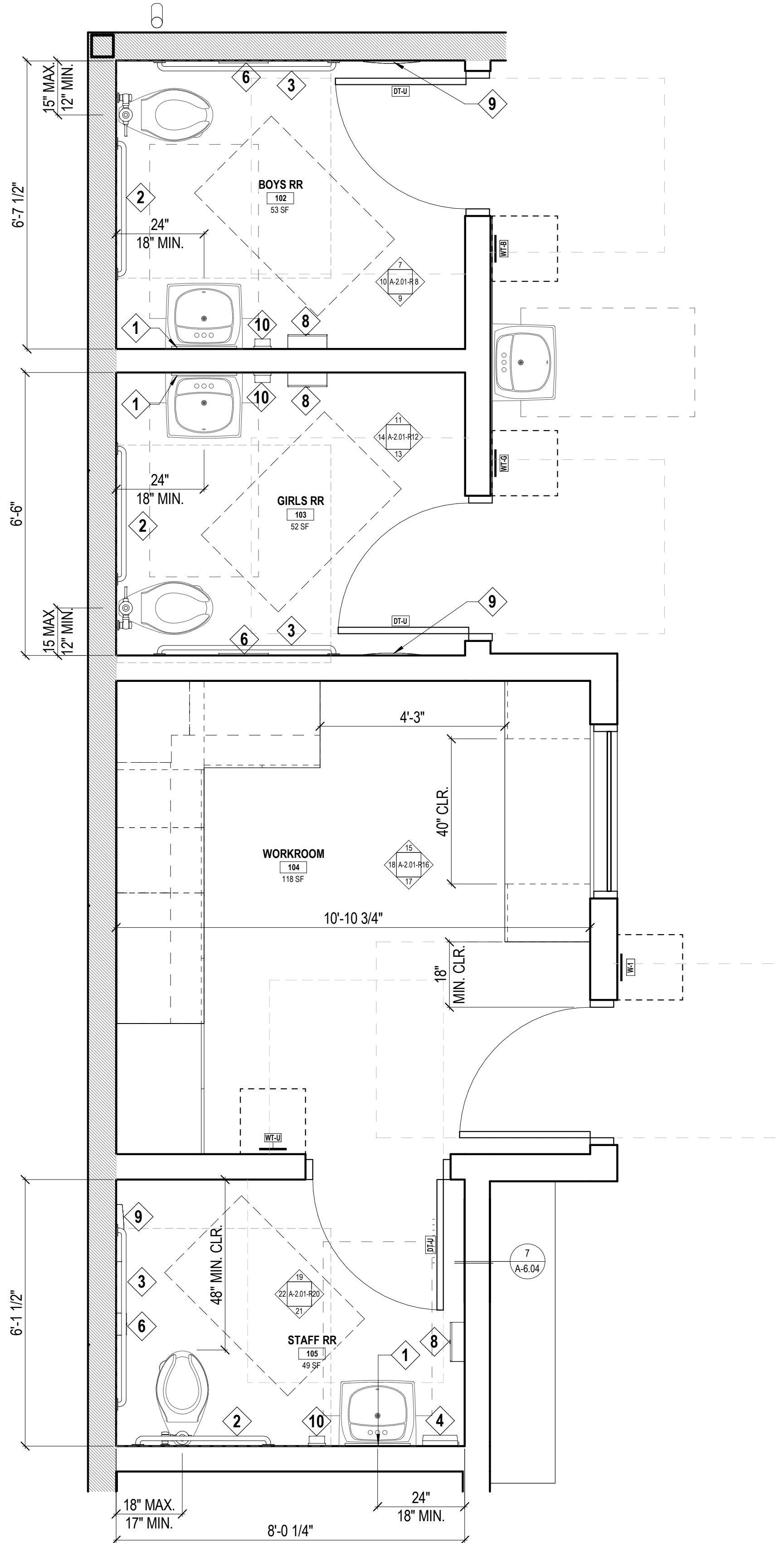
11.	DOWNSPOUT - REFER TO 9/A-6.00 PC(02-120983)
12.	84" TALL STORAGE CABINET - REFER TO 1/A-1.31 PC(02-120983)
13.	SURFACE MOUNTED MECHANICAL UNIT - REFER TO 1/M5.02 PC(02-120983)
14.	SURFACE MOUNTED ELECTRICAL PANEL - REFER TO 9/E5.03 PC(02-120983)
15.	TV TO BE FURNISHED BY OWNER - REFER TO 18/A-6.02 FOR BLOCKING DETAIL
16.	SECURITY PANEL - REFER TO ELECTRICAL DRAWINGS
17.	FIRE ALARM CONTROL PANEL - REFER TO ELECTRICAL DRAWINGS

- A. INSULATE ALL INTERIOR AND EXTERIOR WALLS AND EXTEND TO UNDERSIDE OF ROOF. REFER TO 16A-6.00
- B. REFER TO DRAWING A-2.20 FOR ACCESSIBLE MOUNTING HEIGHTS & OTHER REQUIRED ACCESSIBILITY.
- C. BUILDING POWER SYSTEMS SHALL BE COMPLIANT WITH THE 2022 CALIFORNIA ENERGY CODE. PROVIDE ALL COMPLIANCE FORMS AS REQUIRED BY CODE
- D. ALL UNDERGROUND UTILITIES TO BE PROVIDED AND INSTALLED BY SITE CONTRACTOR TERMINATING 4" A.F.F.

	<p>2 X 6 WOOD STUD EXTERIOR WALL REFER TO DETAIL 16/A-6.00 (PC 02-120983)</p>
	<p>2 X 6 WOOD STUD INTERIOR WALL REFER TO DETAIL 16/A-6.00 (PC 02-120983)</p>
	<p>SHEAR WALL TYPE AND LOCATION - REFER TO STRUCTURAL DRAWINGS S2.1R EMBEDMENT PLAN.</p>



PLOT DATE:



REFER TO A-1.17 PC
02-120983 FOR ALL
KEYNOTES AND ACCESSORY
SCEDULE.

1 ENLARGED FLOOR PLAN (3M)
1/2" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124742 INC:
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SS ☒ FLS ☒ ACS ☒
DATE: 04/10/2025



COMMERCIAL
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NEW MODULAR CLASSROOM BUILDING
TAFT PRIMARY ELEMENTARY SCHOOL
212 LUCARD ST, TAFT, CA 93268

TAFT CITY SCHOOL DISTRICT

DRAWING TITLE
ENLARGED FLOOR PLAN

DSA APP NO.

03-124742

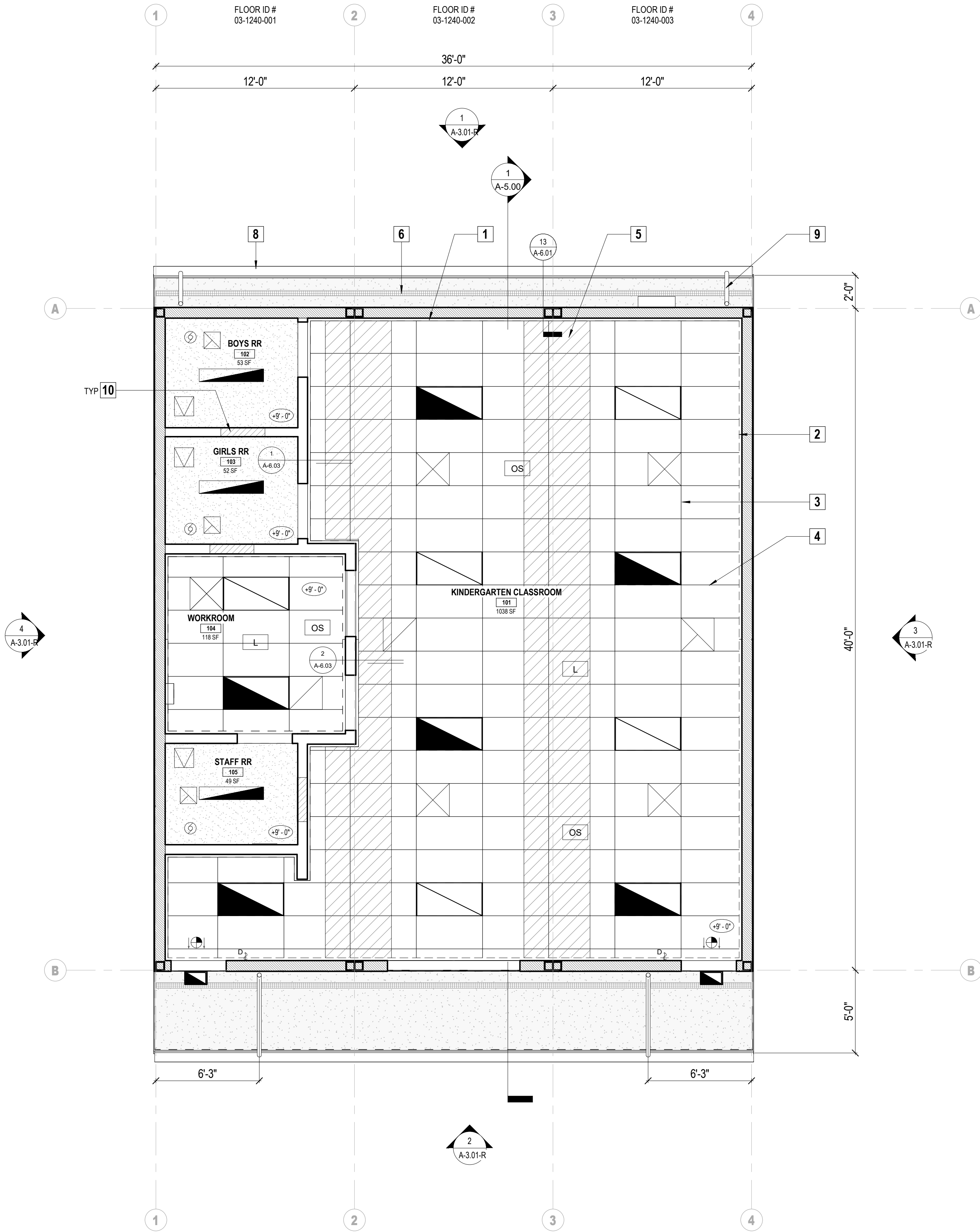
PROJECT NO.

03-1240

DRAWING

A-1.17-R

PLOT DATE:



REFLECTED CEILING PLAN 3M

1/4" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124742 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 04/10/2025

KEYNOTES

- RAIN GUTTER, TYP. - REFER TO 2/A-6.01 PC(02-120983)
- DOWNSPOUT, TYP. - REFER TO 9/A-6.00 PC(02-120983)
- PROVIDE 32" WIDE OPENING IN WALL FOR ATTIC ACCESS ABOVE HARDLID TYP.

FOR ALL OTHER KEYNOTES,
REFER TO SHEET A-1.23
OF PC (02-120983)

GENERAL NOTES

- INTERIOR AND EXTERIOR LIGHTING SYSTEMS AND CONTROLS SHALL BE COMPLIANT WITH THE 2022 CALIFORNIA ENERGY CODE. PROVIDE ALL COMPLIANCE FORMS AS REQUIRED BY CODE.
- ALL COLORS TO BE SELECTED @ LATER DATE BY ARCHITECT
- CEILING PANELS SHALL NOT SUPPORT ANY LIGHT FIXTURES, AIR TERMINALS OR DEVICES

LEGEND

- ☒ 14" x 14" ACCESS PANEL

REFER TO SHEET A-1.23
OF PC (02-120983) FOR ALL OTHER
INFORMATION & REFERENCES



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DSA APP NO.

03-124742

PROJECT NO.

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A-1.23-R

PLOT DATE:

DOOR TYPES

FOR ALL DOOR TYPES, REFER TO A-1.32 PC(02-120983)

DOOR SCHEDULE

DOOR NO.	DOOR TYPE	DOOR			FRAME		HDWR	RATING	DOOR REMARKS	HEADER DETAIL	JAMB DETAIL
		WIDTH	HEIGHT	MAT'L	TYPE	MAT'L					
101A	B	3' - 0"	7' - 0"	HM	1	HM	1	-	PANIC	8/A-6.00	13/A-6.00
101B	B	3' - 0"	7' - 0"	HM	1	HM	1	-	PANIC	8/A-6.00	13/A-6.00
102	G	3' - 0"	7' - 0"	SC	2	HM	2	-		15/A-6.00	15/A-6.00
103	G	3' - 0"	7' - 0"	SC	2	HM	2	-		15/A-6.00	15/A-6.00
104	G	3' - 0"	7' - 0"	SC	2	HM	3	-		15/A-6.00	15/A-6.00
105	F	3' - 0"	7' - 0"	SC	2	HM	4	-		15/A-6.00	15/A-6.00

FOR ALL OTHER INFORMATION, REFER TO A-1.32 PC(02-120983)

HARDWARE SCHEDULE

SET	QTY.	CLASSROOM	SET	QTY.	WORKROOM
1	3	HINGE 5BB1 4.5 X 4.5 NRP 630 IVE	3	3	HINGE 5BB1 4.5 X 4.5 652 IVE
	1	PANIC HARDWARE AXCD98NL X 990NL-PA 626 VON		1	OFFICE LOCK ND50BDCD RHO 626 SCH
	2	SFIC EV B CORE ONLY 80-037 626 SCH		1	SFIC EV B CORE ONLY 80-037 626 SCH
	1	MORTISE CYLINDER 80-132 X XQ11-948 (DOGGING) 626 SCH		1	KICK PLATE 8400 10" X 2" LDW B-CS 630 IVE
	1	RIM CYLINDER 80-159 626 SCH		1	WALL STOP WS401CCV 626 IVE
	1	SURFACE CLOSER 4111 EDA 689 LCN		3	SILENCER SR64 GRY IVE
	1	KICK PLATE 8400 10"X2" LDW B-CS 630 IVE	SET	QTY.	STAFF RR
	1	SECURITY FLOOR STOP FS18S BLK IVE	4	3	HINGE 5BB1 4.5 X 4.5 652 IVE
	1	DOOR SWEEP 39A AL ZER		1	PRIVACY LOCK ND40 RHO 626 SCH
	2	JAMB SEALS 328AA AL ZER		1	KICK PLATE 8400 10"X2" LDW B-CS 630 IVE
	1	HEAD SEAL 429AA AL ZER		1	MOP PLATE 8400 4"X1" LDW B-CS 630 IVE
	1	THRESHOLD 545A MSLA-10 AL ZER		1	WALL STOP WS401CCV 626 IVE
1		3		SILENCER SR64 GRY IVE	
SET	QTY.	INTERIOR RESTROOM			
2	3	HINGE 5BB1 4.5 X 4.5 652 IVE			
	1	PASSAGE SET ND10S RHO 626 SCH			
	1	SURFACE CLOSER 4111 EDA 689 LCN			
	1	KICK PLATE 8400 10"X2" LDW B-CS 630 IVE			
	1	WALL STOP WS401CCV 626 IVE			
	3	SILENCER SR64 GRY IVE			

INTERIOR FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR		BASE		WALLS								CEILING		
		MAT	FIN	MAT	HT	NORTH		EAST		SOUTH		WEST		MAT	FIN	HT
						MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN			
101	KINDERGARTEN CLASSROOM	LVT	FF	RTB	4"	VTWB	FF	VTWB	FF	VTWB	FF	VTWB/C T	FF	ACT	FF	9'-0"
102	BOYS RR	CT	FF	CT	6"	CT	FF	CT	FF	CT	FF	CT	FF	GB	P	9'-0"
103	GIRLS RR	CT	FF	CT	6"	CT	FF	CT	FF	CT	FF	CT	FF	GB	P	9'-0"
104	WORKROOM	LVT	FF	RTB	4"	VTWB	FF	VTWB	FF	VTWB	FF	VTWB	FF	ACT	FF	9'-0"
105	STAFF RR	CT	FF	CT	6"	CT	FF	CT	FF	CT	FF	CT	FF	GB	P	9'-0"

ABBREVIATIONS

FF - FACTORY FINISH

SV - SHEET VINYL

RTB - RUBBER TOPSET BASE

VTWB - VINYL TACKABLE WALL BOARD

ACT - ACOUSTIC CEILING TILE

P - PAINT

GB - GYPSUM BOARD

LVT - LUXURY VINYL TILE

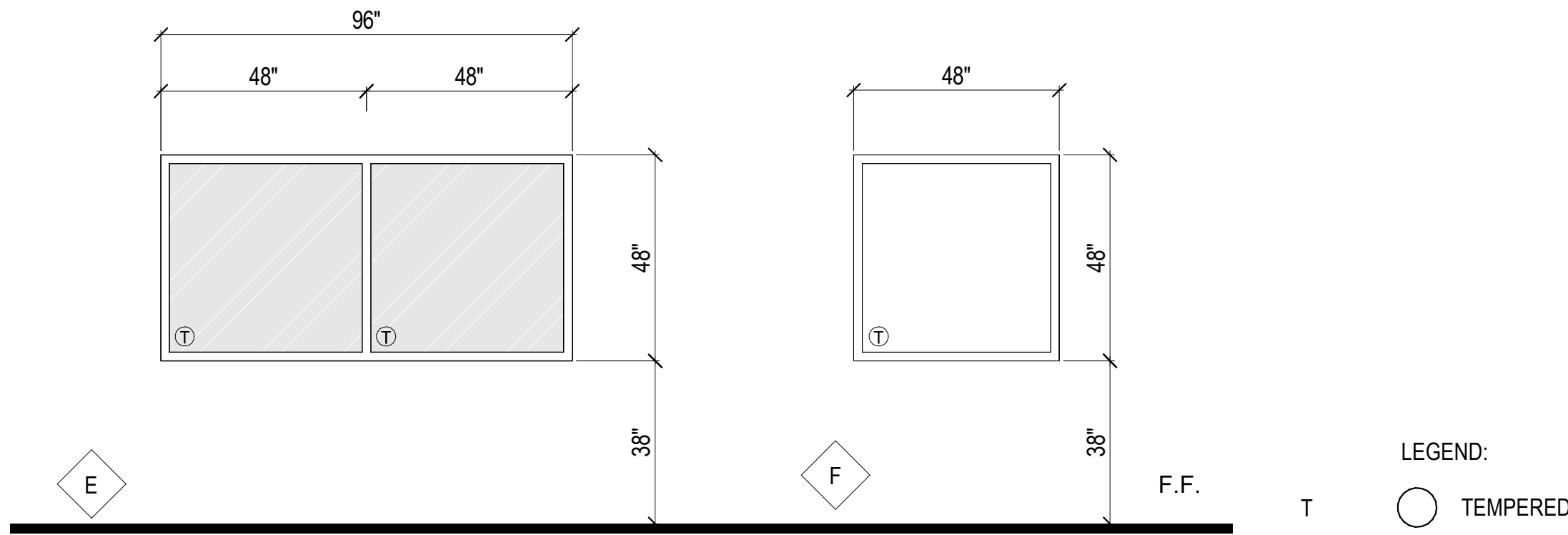
CT - CERAMIC TILE

FRP - FIBER REINFORCED POLYESTER PANELS

NOTES:

1. ALL WALLS (INCLUDING BATHROOM PARTITIONS) & CEILING FINISHES SHALL COMPLY WITH CBC 803 & 804
2. EXTERIOR ENTRIES AND/OR OPENINGS SUBJECT TO FOOT TRAFFIC OR WIND-DRIVEN RAIN SHALL BE COVERED TO PREVENT WATER INTRUSION BY USING NONABSORBENT FLOOR SUCH AS 4'X4' V.C.T. AND WALL FINISHES WITHIN AT LEAST 2'-0" AROUND AND PERPENDICULAR TO SUCH OPENINGS TO BE T.B. PLUS AT LEAST ONE OF THE FOLLOWING:
- AN INSTALLED AWNING AT LEAST 4'-0" IN DEPTH
 - THE DOOR IS PROTECTED BY A ROOF OVERHANG AT LEAST 4'-0" IN DEPTH
 - THE DOOR IS RECESSED AT LEAST 4'-0"
 - OTHER METHODS WHICH PROVIDE EQUIVALENT PROTECTION

WINDOW TYPES



WINDOW SCHEDULE

WINDOW SCHEDULE - 3M

SYMBOL	WIDTH	HEIGHT	TYPE	GLAZING	FRAME	FINISH	HEADER DETAIL	JAMB DETAIL	SILL DETAIL	NOTES
A	4' - 0"	4' - 0"	FIXED	1/4" (MIN.) DUAL GLAZED OVER LOW"E	AL	FF	7/A-6.00	12/A-6.00	12/A-6.00	
E	8' - 0"	4' - 0"	FIXED	1/4" (MIN.) DUAL GLAZED OVER LOW"E	AL	FF	7/A-6.00	12/A-6.00	12/A-6.00	TEMPERED
F	4' - 0"	4' - 0"	FIXED	1/4" (MIN.) SINGLE GLAZED, INTERIOR	AL	FF	14/A-6.00	-	14/A-6.00	TEMPERED

FOR GLASS AND GLAZING NOTES REFER TO A-1.32 PC (02-120983)

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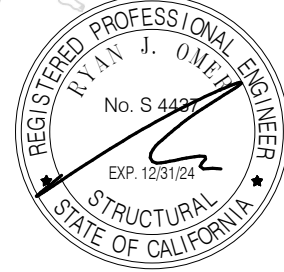
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DRAWING TITLE

SCHEDULES

DSA APP NO.

03-124742

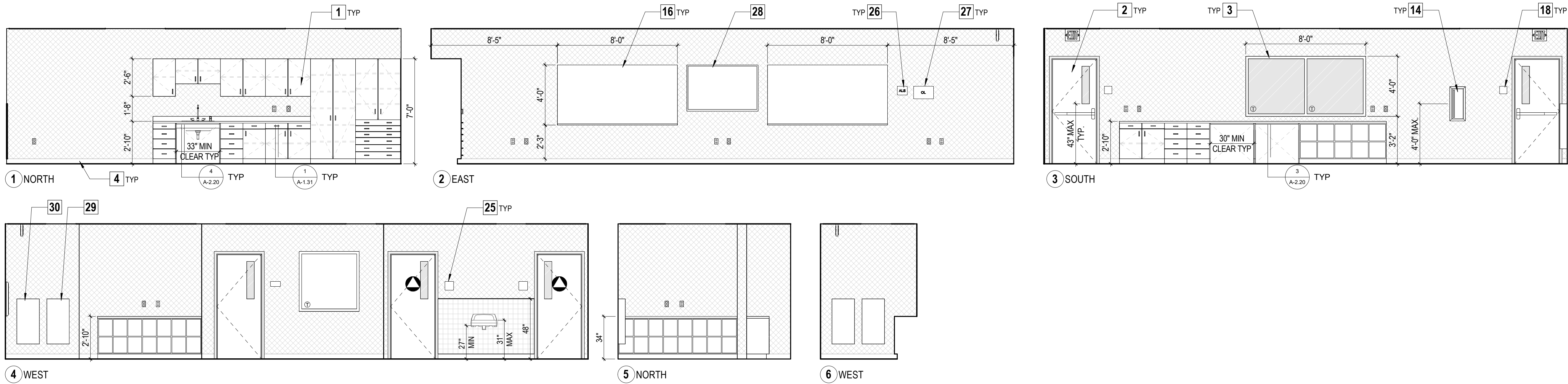
PROJECT NO.

03-1240

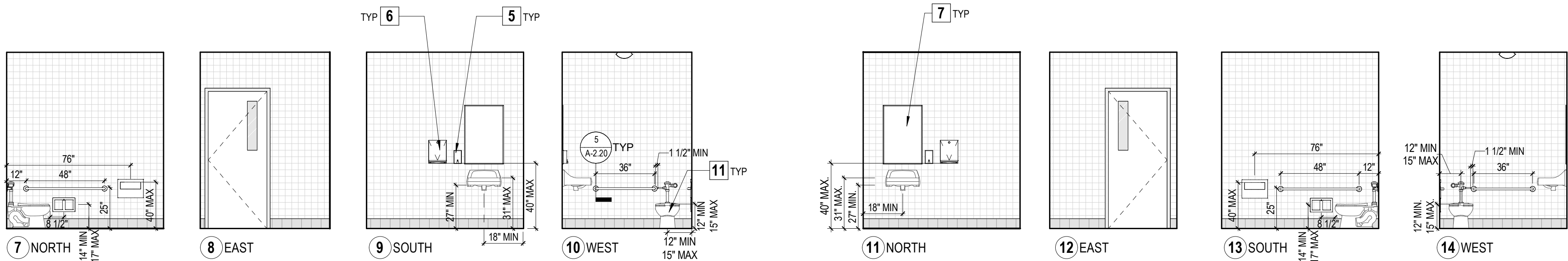
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A-1.32-R

PLOT DATE:

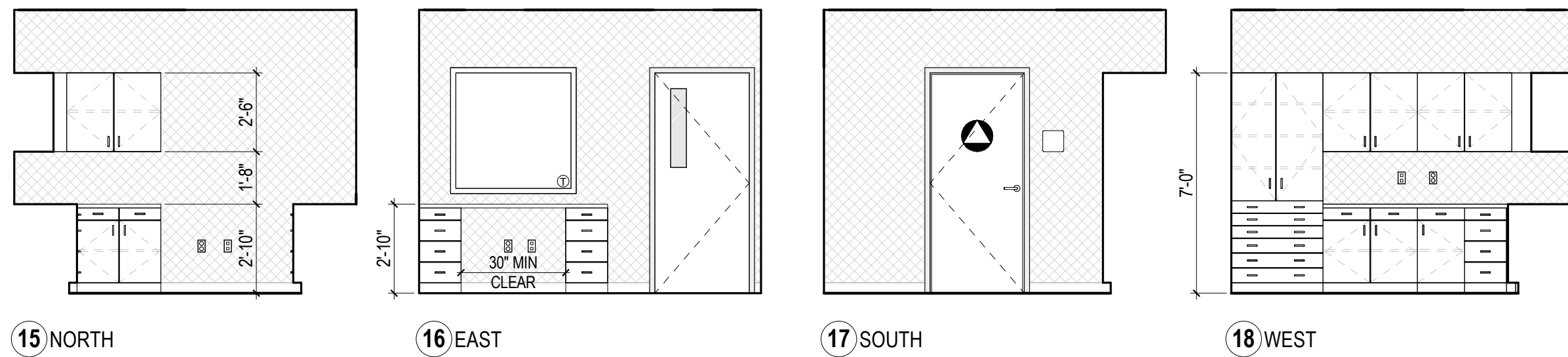


101 CLASSROOM

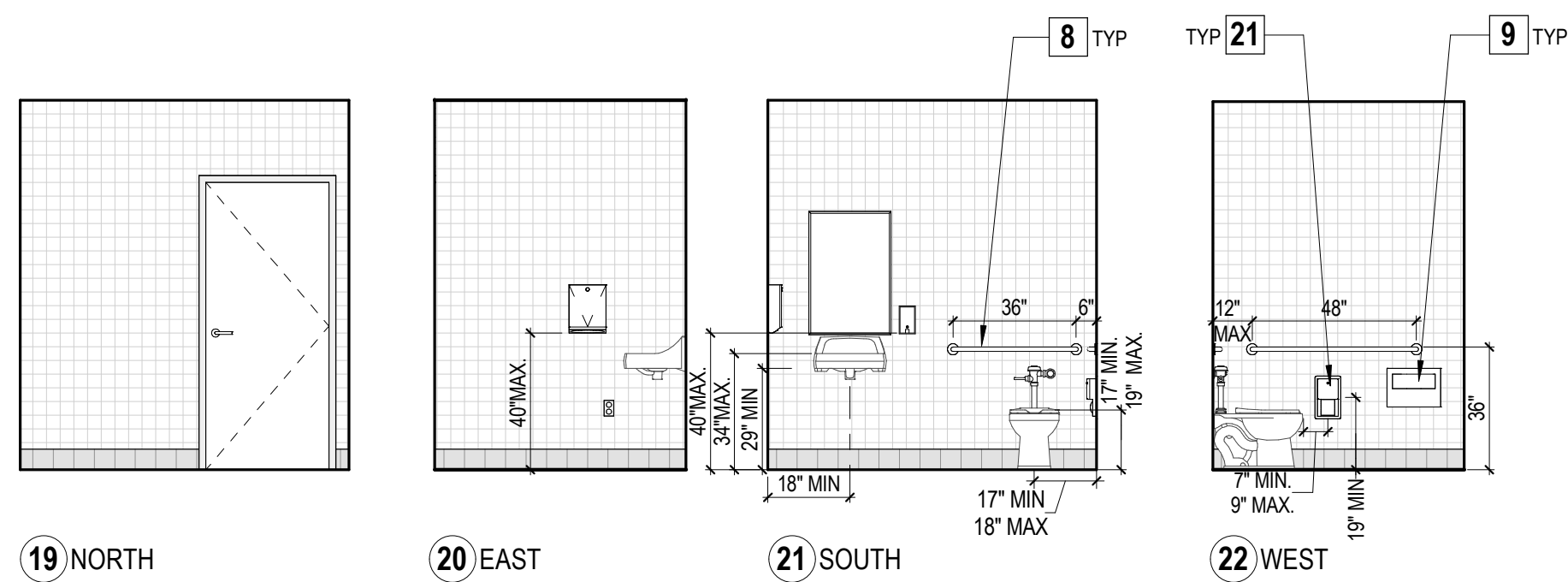


102 BOYS RESTROOM AGE GROUP 5-8

103 GIRLS RESTROOM AGE GROUP 5-8



104 WORKROOM



105 STAFF RESTROOM

KEYNOTES

- TV TO BE FURNISHED BY OWNER
- SECURITY PANEL - REFER TO ELECTRICAL
- FIRE ALARM PANEL - REFER TO ELECTRICAL

FOR KEYNOTES REFER TO SHEET A-2.01
OF PC (02-120983)

GENERAL NOTES

- SEE SHEET A-2.20 FOR ACCESSIBLE MOUNTING HEIGHTS AND OTHER REQUIRED ACCESSIBLE DIMENSIONS
- REFER TO A-1.17 SCHEDULE FOR RESTROOM ACCESSORY SPECIFICATIONS
- ALL DIMENSIONS ARE CLEARANCES FROM FINISH MATERIALS
- MECHANICAL & ELECTRICAL EQUIPMENT SHOWN FOR REFERENCE ONLY. SEE MECH. & ELEC. SHEETS FOR EXACT LOCATION

LEGEND

- CERAMIC WALL TILE
- VINYL TACKABLE WALL BOARD
- TEMPERED GLAZING

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DRAWING TITLE
INTERIOR ELEVATIONS

DSA APP NO.

03-124742

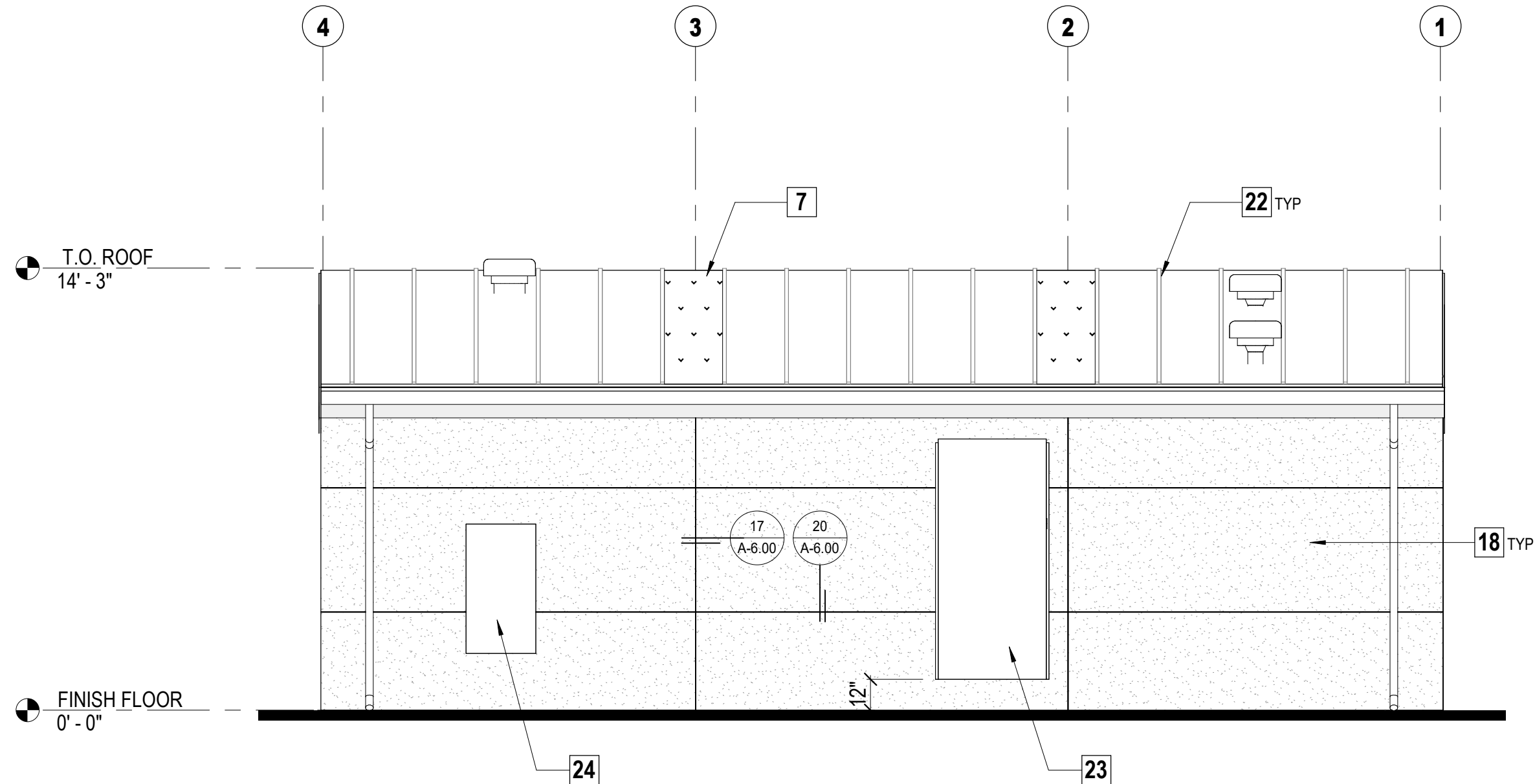
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03-1240

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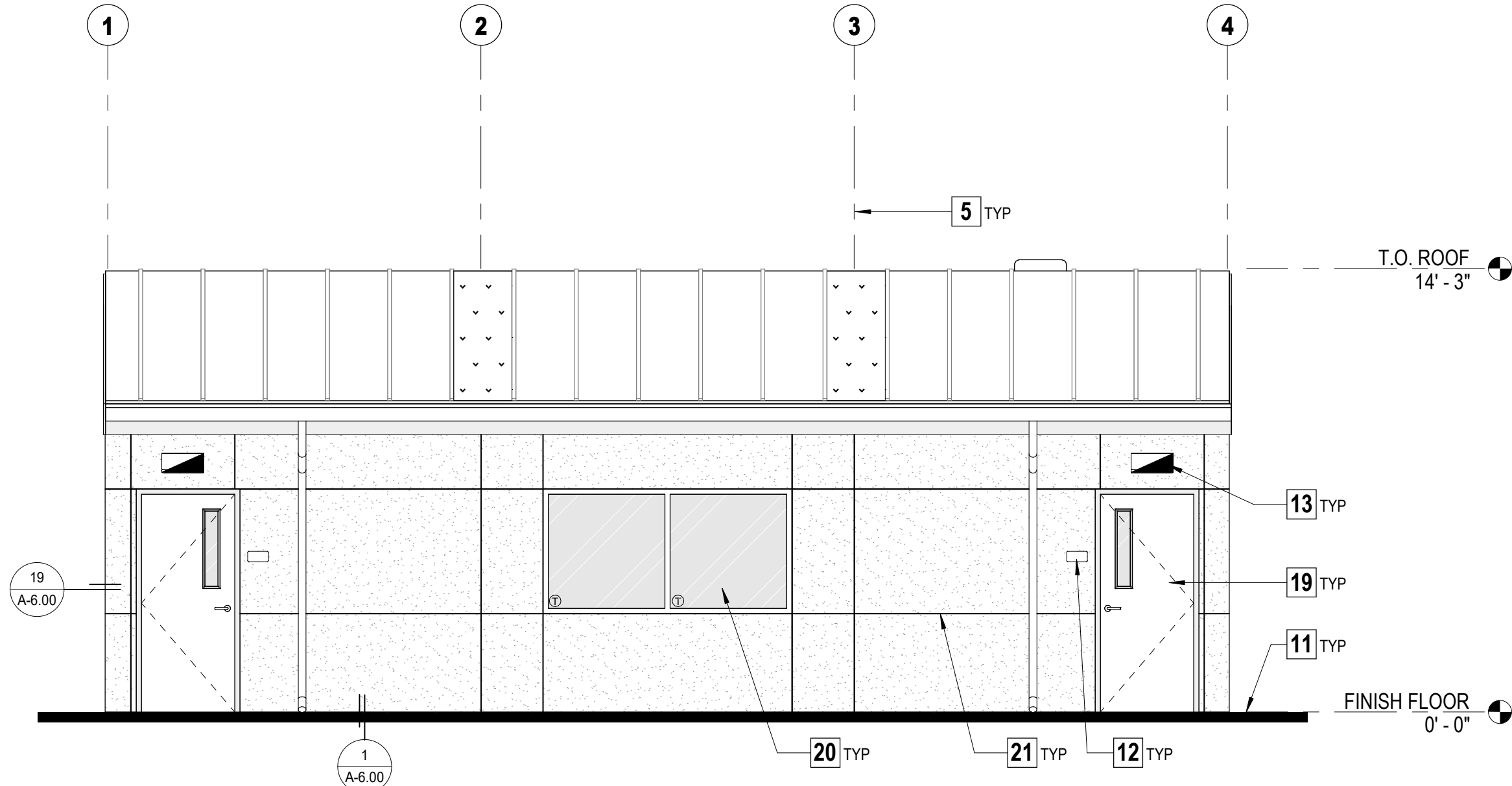
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PLOT DATE:



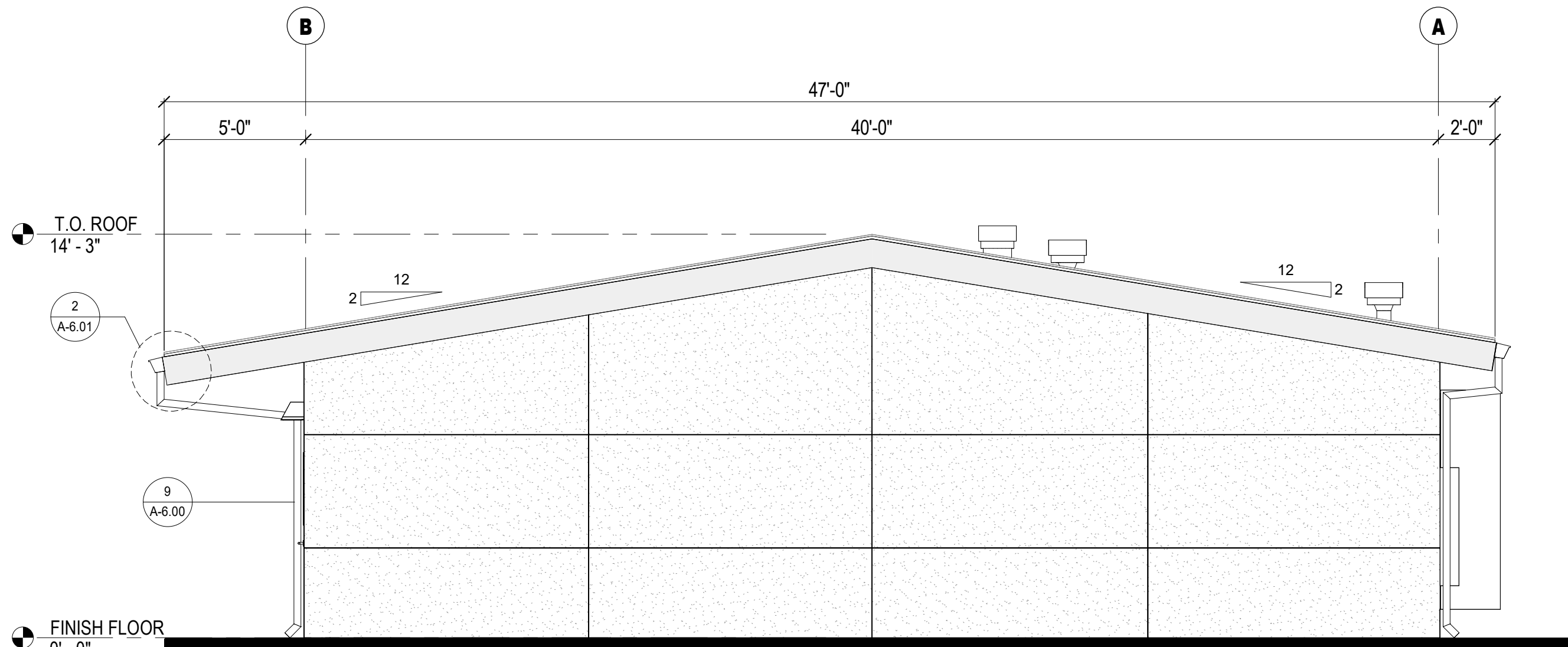
1 NORTH ELEVATION

1/4" = 1'-0"



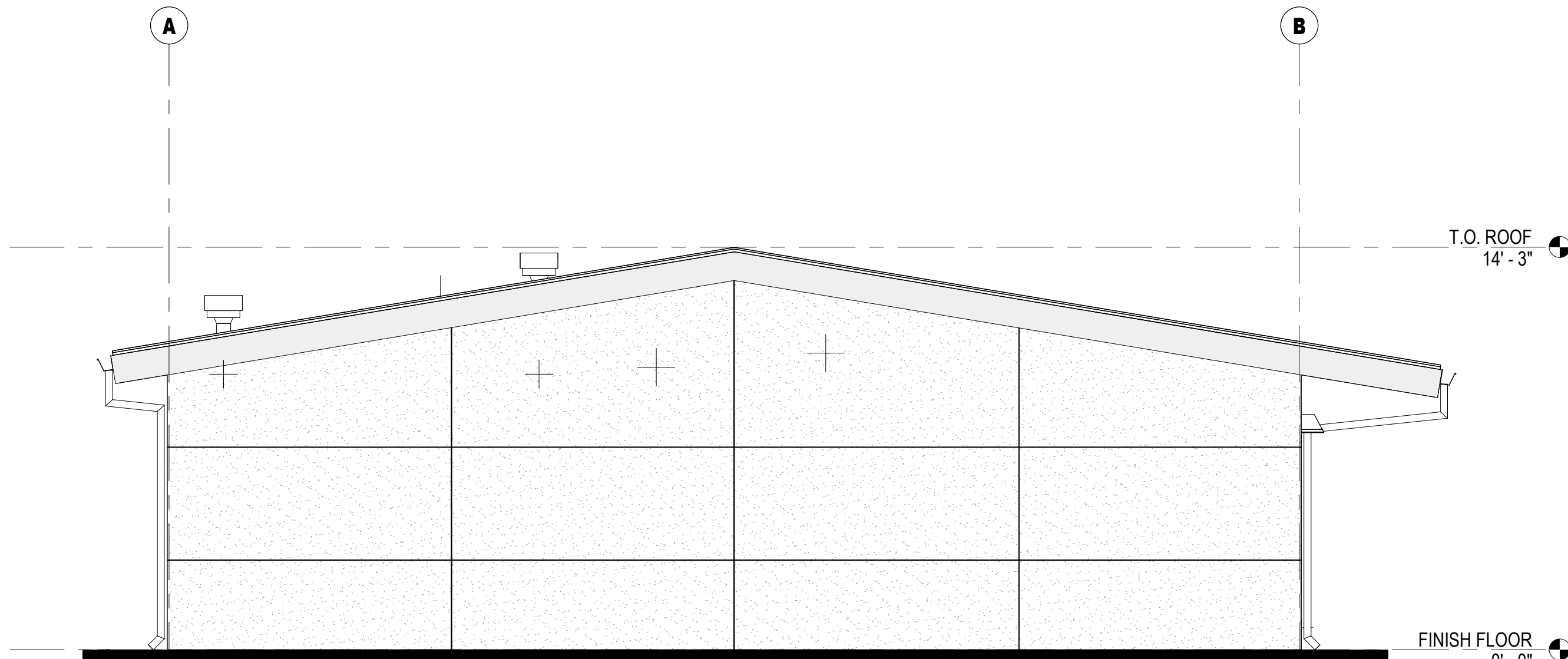
2 SOUTH ELEVATION

1/4" = 1'-0"



3 EAST ELEVATION

1/4" = 1'-0"



4 WEST ELEVATION

1/4" = 1'-0"

KEYNOTES

- DIRECT APPLIED ELASTOMERIC OVER 1/2" PERMABASE SUBSTRATE - REFER TO 16A/A-6.00 PC(02-120983)
- DOOR PER SCHEDULE - REFER TO SHEET A-1.32-R
- WINDOW PER SCHEDULE - REFER TO A-1.32-R
- ELASTOMERIC JOINT, TYP. - REFER TO 20/A-6.00 PC(02-120983)
- 24 GA. VERTICAL SEAM METAL ROOF - REFER TO 2/A-4.00 PC(02-120983)
- SURFACE MOUNTED MECHANICAL UNIT - REFER TO 1/M5.02 PC(02-120983)
- SURFACE MOUNTED ELECTRICAL UNIT - REFER TO 9/E5.03 PC(02-120983)

FOR KEYNOTES REFER TO SHEET A-3.01
PC (02-120983)

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DRAWING TITLE
EXTERIOR ELEVATIONS

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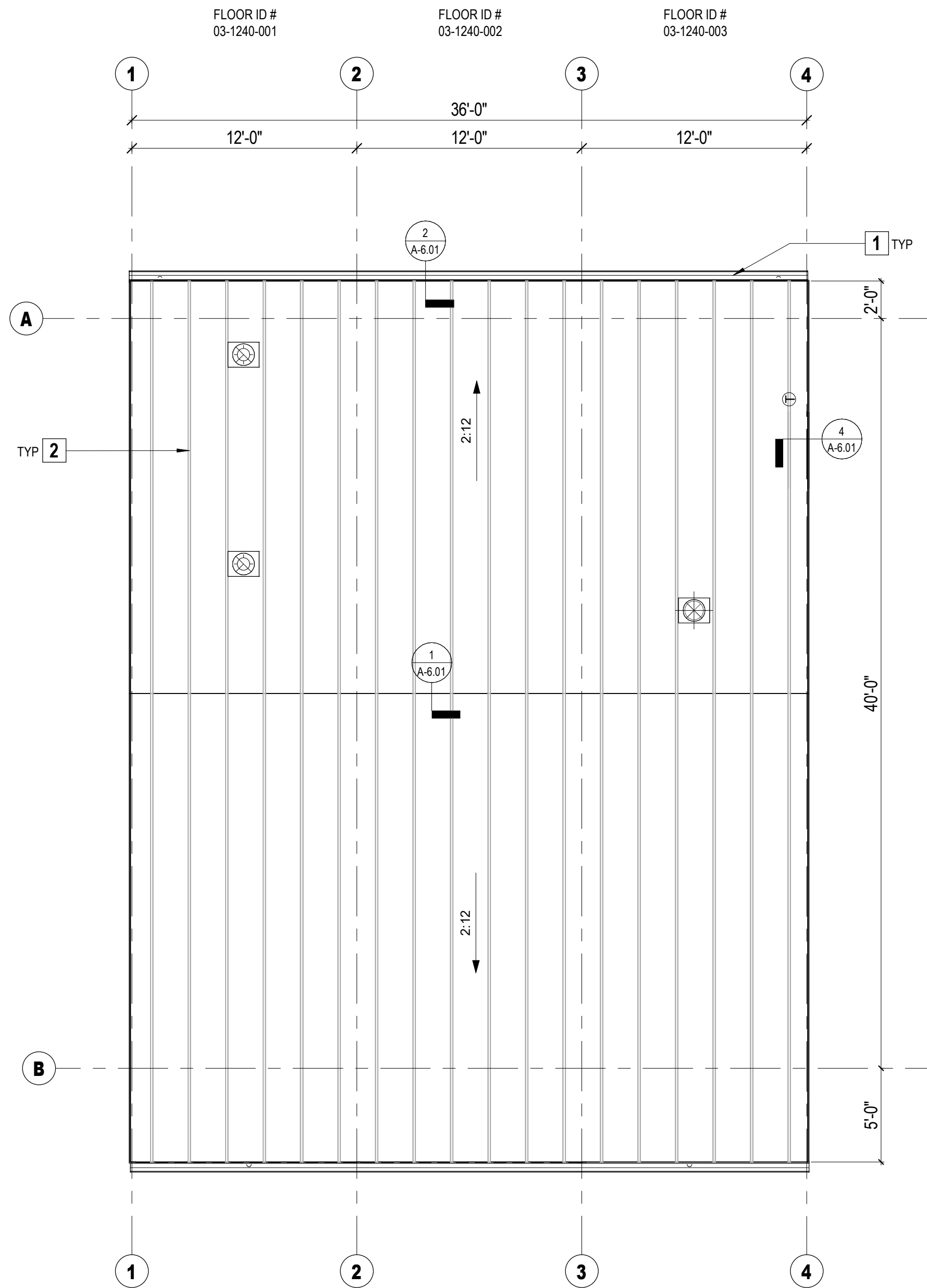
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A-3.01-R

PLOT DATE:



ROOF PLAN (3M)

3/16" = 1'-0"

REFER TO A-4.00 PC 02-120983 FOR ALL KEYNOTES AND GENERAL NOTES.

REFER TO 5/A-6.01 FOR ROOF PANEL JOINT

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ROOF PLAN

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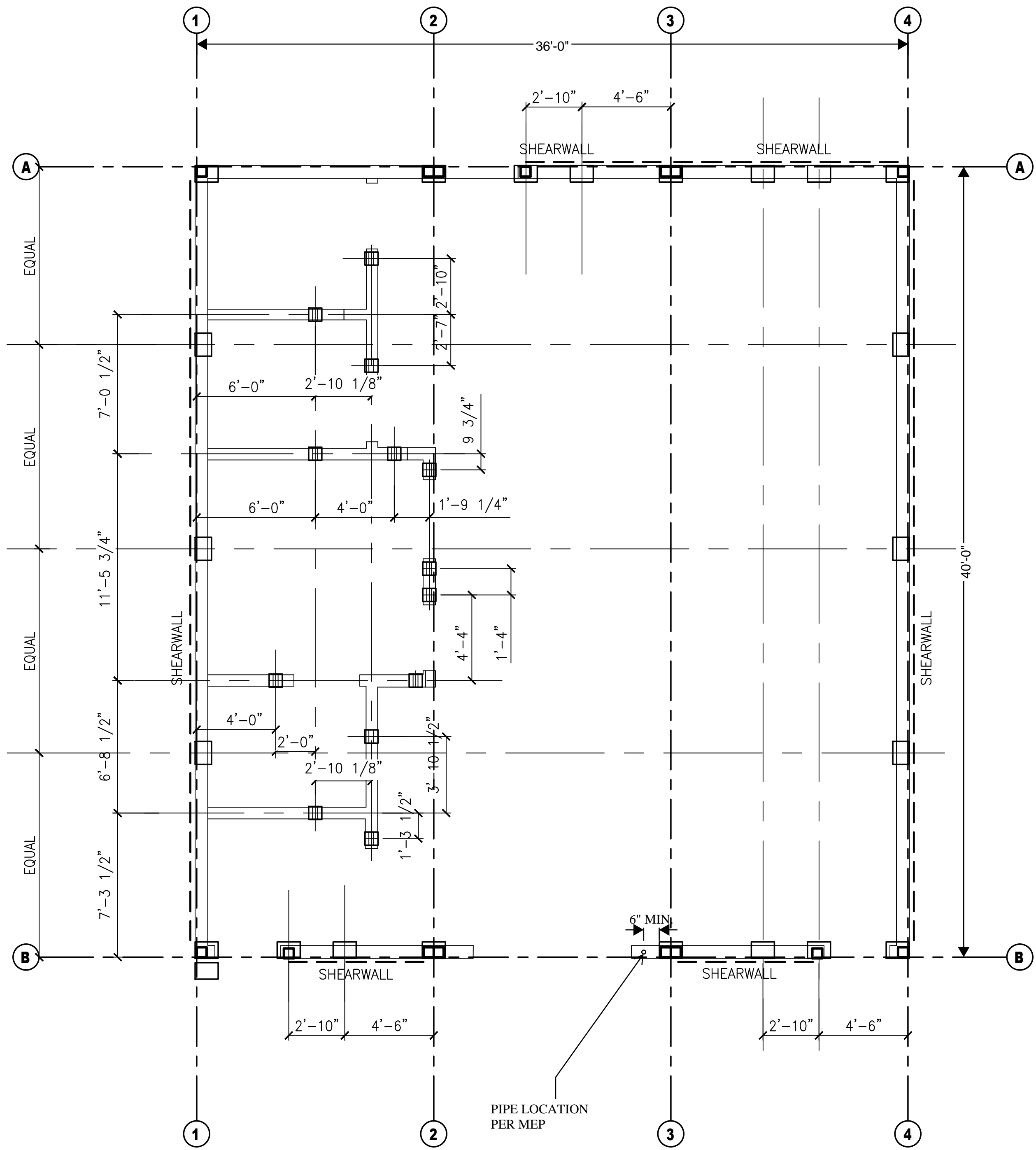
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A-4.00-R

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EMBED PLAN

1/4" = 1'-0"

LEGEND:

- INDICATES EMBED PER

2

S6.1
- INDICATES EMBED PER

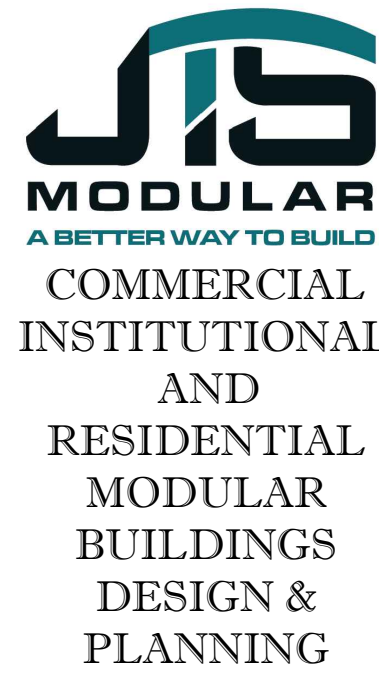
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S6.1

- NOTES:
- SEE S2.3 FOR TYPICAL EMBED DETAILS
 - SEE S3.3 FOR TYPICAL FOUNDATION DETAILS



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EMBED PLAN

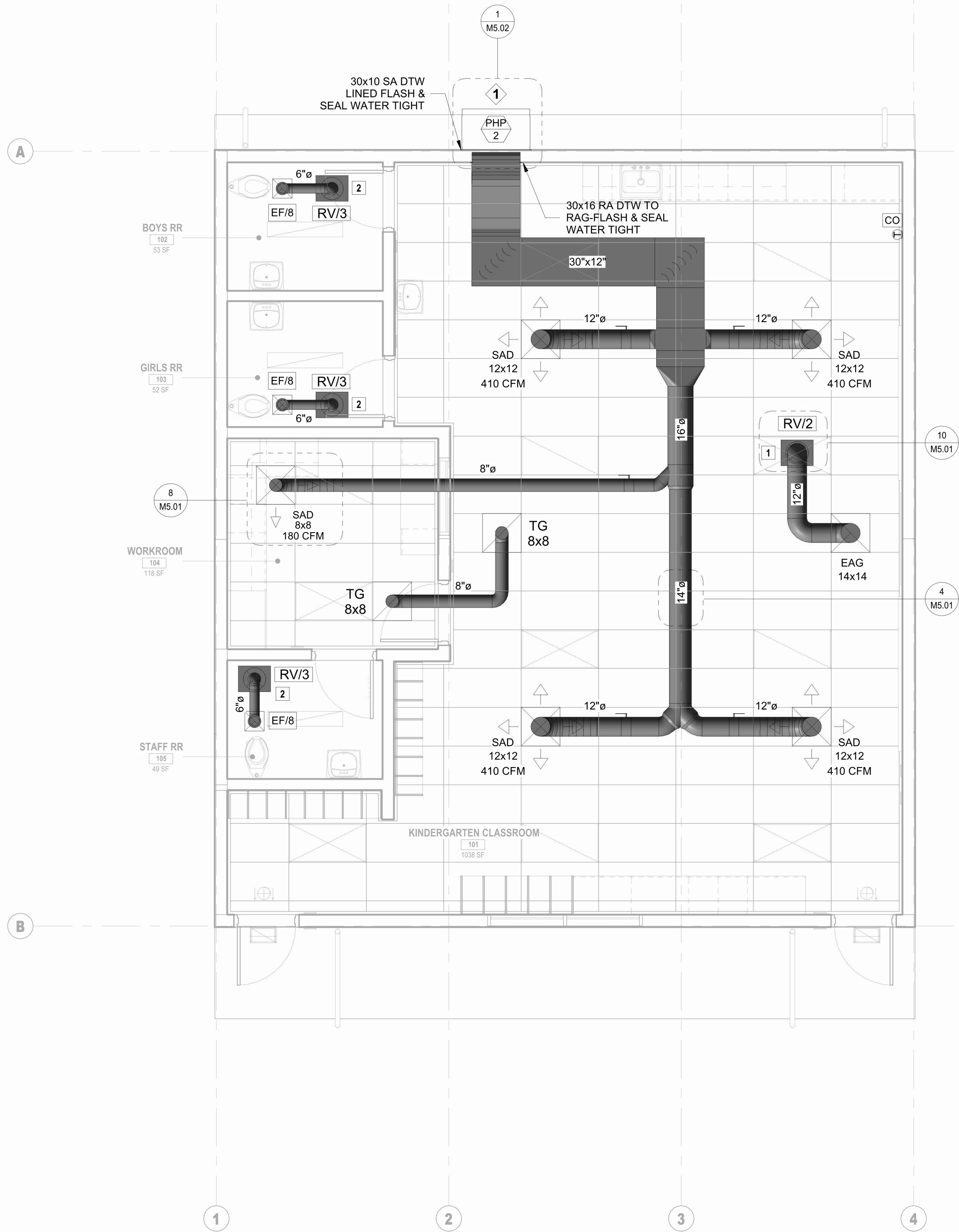
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EQUIPMENT SCHEDULE	
EXHAUST FANS	
EF/8	GREENHECK #SP-A190 CEILING MOUNTED EXHAUST FAN - 100 CFM @ 38" SP - BACKDRAFT DAMPER - 1.3 AMPS @ 120V - SPEED CONTROLLER MTD. IN FAN - 17 LBS. - INTERLOCK w/ LIGHTING (OR EQUAL) PER DETAIL 9/M5.01

2 EQUIPMENT SCHEDULE
1/8" = 1'-0"

1 MECHANICAL FLOOR PLAN - 3M
1/4" = 1'-0"

MECHANICAL FLOOR PLAN KEYNOTES

- 12Ø PRESSURE RELIEF DTR TO RELIEF CAP
- 8Ø EA DTR TO RELIEF CAP

OSA SETTINGS

- PHP/2: OSA DPR - SET @ 450 CFM

MECHANICAL FLOOR PLAN NOTES

LAYOUT EQUIPMENT TO PROVIDE REQUIRED SERVICE & AIR FLOW REQUIREMENTS PER MFGR'S REC-MIN. 24" BETWEEN UNITS CONTRACTOR TO VERIFY (TYP)

ARRANGE EQUIPMENT & DUCT WORK FOR SERVICE CLEARANCE & ACCESS THRU T-BAR CEILING

FURNISH & INSTALL VOLUME DAMPER AT ALL BRANCH DUCTS

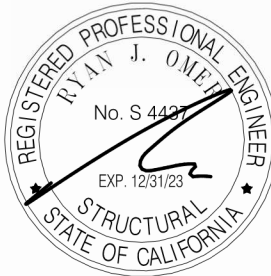
REFER TO SHEET M1.01 OF PC 02-120983 FOR ADDITIONAL INFORMATION NOT SHOWN

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Cantelmi@CantelmiEngineering.com



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MECHANICAL FLOOR PLAN - 3M

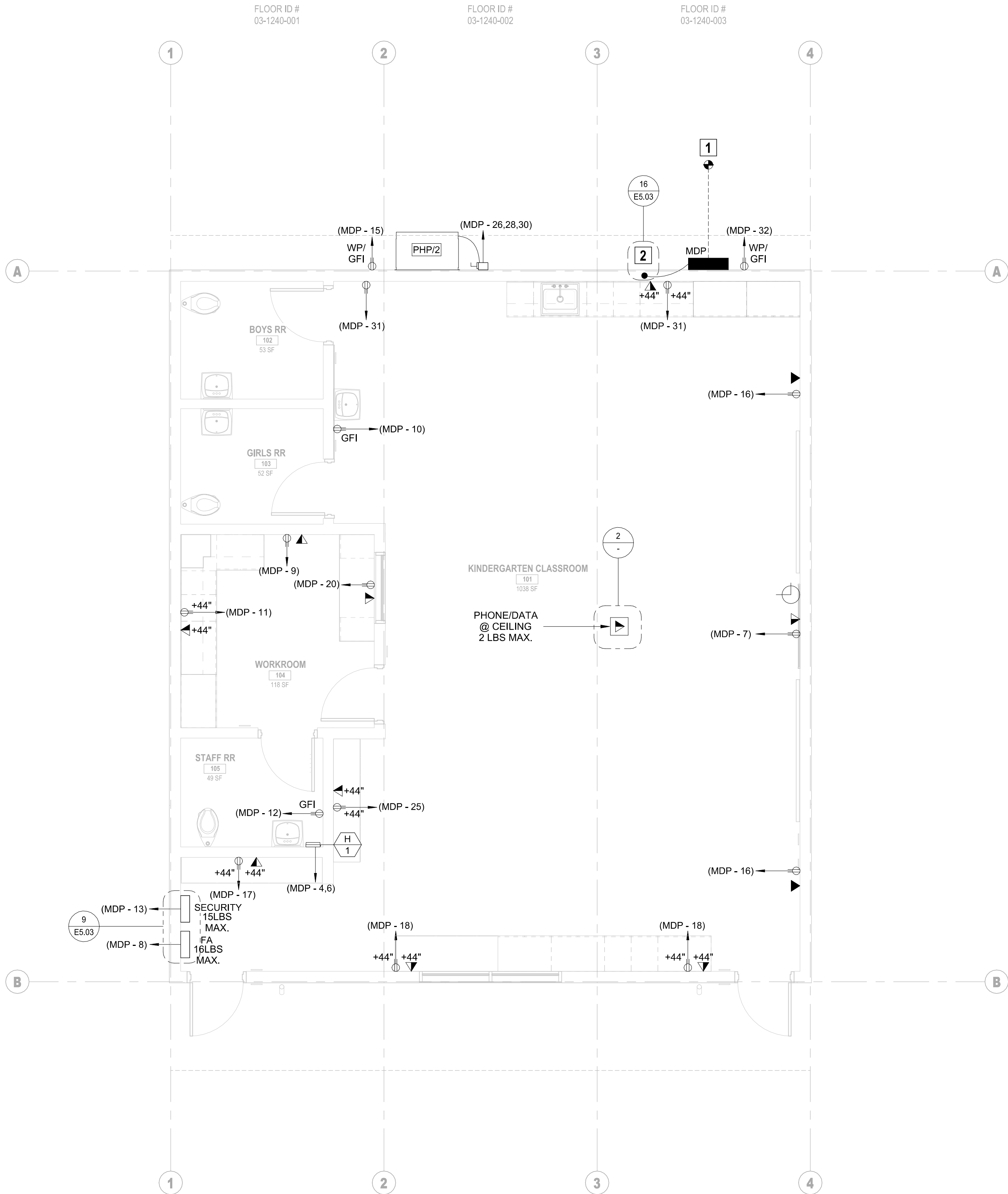
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1 FLOOR PLAN
1/4" = 1'-0"

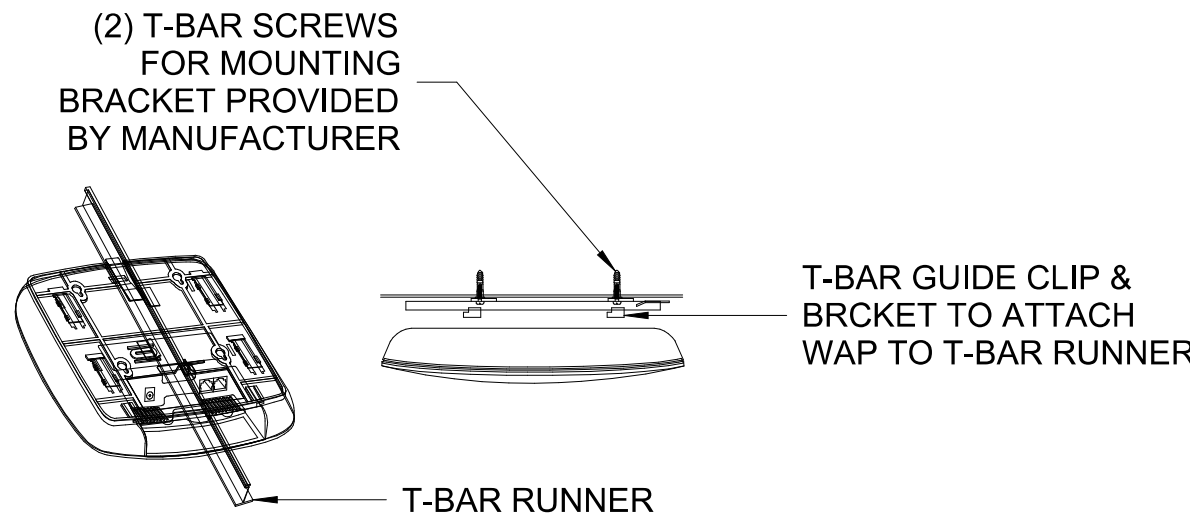
ELECTRICAL POWER PLAN KEYNOTES

- POC - CONNECTION BY SITE CONTRACTOR
- UFER GROUND ROD - #4 MAX. RIB BAR & 3/0 MAX. BARE COPPER SERVICE ENTRANCE CONDUCTOR - INSTALL 2" MIN. CLEAR FROM EMBED PLATE, SEE STRUCTURAL PLANS FOR EMBED LOCATIONS

ELECTRICAL POWER PLAN NOTES

GFI REC 6'-0" FROM WATER SOURCE
ALL 20A, 120V RECEPTACLES SHALL BE LISTED TAMPER RESISTANT
EXTERIOR WATERPROOF RECS INSTALLED W/ FLUSH LOCKING COVER
REFER TO SHEET E1.01 OF PC 02-120983 FOR ADDITIONAL INFORMATION NOT SHOWN

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2 WAP MOUNTING DETAIL
1/4" = 1'-0"



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NEW MODULAR CLASSROOM BUILDING
TAFT PRIMARY ELEMENTARY SCHOOL
212 LUCARD ST, TAFT, CA 93268
TAFT CITY SCHOOL DISTRICT
DRAWING TITLE
ELECTRICAL POWER PLAN - 3M

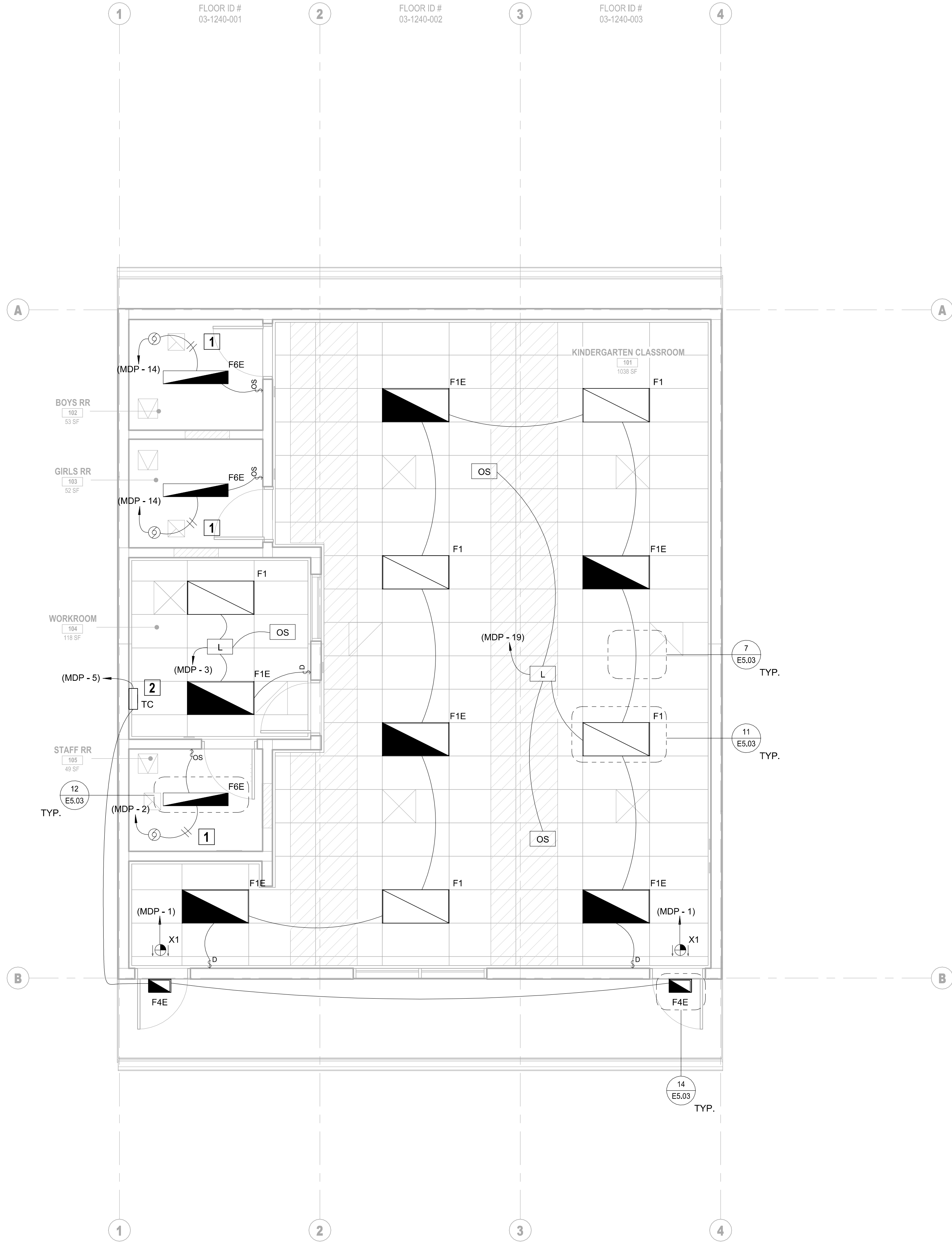
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DSA #:
03-124742

PROJECT NO.
03-1212

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E1.01-R

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1 REFLECTED CEILING PLAN 3M
1/4" = 1'-0"

ELECTRICAL LIGHTING PLAN KEYNOTES

- INTERLOCK EXHAUST FAN W/ LIGHTS VIA A RELAY
- WIRE ALL OUTDOOR LIGHTS TO ASTRONOMICAL ELECTRONIC TIME CLOCK

ELECTRICAL LIGHTING PLAN NOTES

CONTROL INTERIOR LIGHTS W/ OCCUPANCY SENSOR & DIMMER SWITCH
PHOTOSENSORS & OCCUPANCY SENSORS CONNECTED TO RELAY BOX W/ INDIVIDUAL RUNS
REFER TO SHEET E1.01 OF PC 02-120983 FOR ADDITIONAL INFORMATION NOT SHOWN

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ELECTRICAL LIGHTING PLAN - 3M

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03-1212
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E1.03

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Branch Panel: MDP

Location:
Supply From:
Mounting: Surface
Enclosure: NEMA 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65 K
Mains Type: MCB
Mains Rating: 200 A
MCB Rating: 200 A

Notes:

CKT	Circuit Description	Trip	Poles	Wire	A	B	C	Wire	Poles	Trip	Circuit Description	CKT	
1	Emergency Lighting	20 A	1	12	8 W	130 W		12	1	20 A	RR Lighting	2	
3	Workroom Lighting	20 A	1	12		118 W	1500 W	12	2	20 A	H/1	4	
5	Outdoor Lighting	20 A	1	12			30 W	1500 W	12	--	--	6	
7	Receptacle	20 A	1	12	180 W	200 W		12	1	20 A	* FIRE ALARM *	8	
9	Receptacle	20 A	1	12		180 W	180 W	12	1	20 A	Receptacle	10	
11	Receptacle	20 A	1	12			180 W	180 W	12	1	20 A	Receptacle	12
13	SECURITY	20 A	1	12	200 W	260 W		12	1	20 A	RR Lighting	14	
15	Receptacle	20 A	1	12		180 W	360 W	12	1	20 A	Receptacle	16	
17	Receptacle	20 A	1	12			180 W	360 W	12	1	20 A	Receptacle	18
19	Classroom Lighting	20 A	1	12	531 W	180 W		12	1	20 A	Receptacle	20	
21												22	
23												24	
25	Receptacle	20 A	1	12	180 W	6733 W		6	3	60 A	PHP/2	26	
27						6733 W		6	--	--	--	28	
29							6733 W	6	--	--	--	30	
31	Receptacle	20 A	1	12	360 W	180 W		12	1	20 A	Receptacle	32	
33												34	
35												36	
37												38	
39												40	
41												42	
Total Load:					9142 W	9251 W	9163 W						
Total Amps:					76 A	77 A	76 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	20200 VA	100.00%	20200 VA	
Motor	300 VA	108.33%	325 VA	Total Conn. Load: 27157 W
Other	0 VA	0.00%	0 VA	Total Est. Demand: 27182 W
Receptacle	2880 VA	100.00%	2880 VA	Total Conn.: 75 A
Power	0 VA	0.00%	0 VA	Total Est. Demand: 75 A
Lighting	777 VA	100.00%	777 VA	
Insta-Hot	3000 VA	100.00%	3000 VA	Demand Factor 125%: 94 A

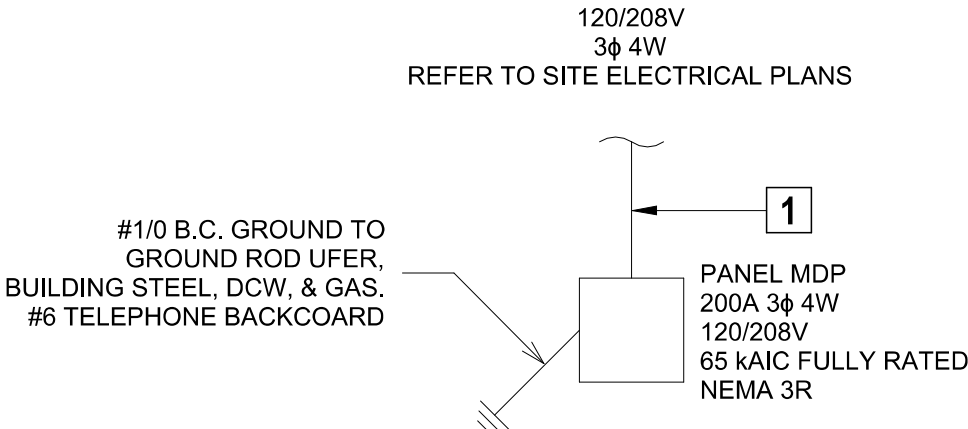
Notes:

* RED LOCKED DEDICATED CIRCUIT ACCESSIBLE TO AUTHORIZED PERSONNEL ONLY - BREAKER TO BE PERMANENTLY IDENTIFIED AT FIRE ALARM CONTROL UNIT

NOTE:

REFER TO PC #02-120983 REGARDING ADDITIONAL ELECTRICAL EQUIPMENT SCHEDULES & DETAILS

FEEDER SCHEDULE					
NUMBER	AMPS	CONDUCTORS PER CONDUIT (THHN/THWN CU)			GROUNDING (THHN/THWN) COPPER
		CONDUIT	3ø 4W (C)	PULL LINE (E)	
01	CONDUIT BY SITE ELECTRICAL CONTRACTOR - SEE SITE ELECTRICAL DRAWINGS				



① SINGLE LINE
1/2" = 1'-0"

SOLAR & BATTERY CALCULATIONS

BUILDING CONDITIONED AREA

1,440 S.F.

BUILDNG USE

SCHOOL

CLIMATE ZONE

13

SOLAR PV CALCULATION PER EQUATION 140.10-A

KWDC = CFA x A / 1000

1,440 x 1.63 / 1000

REQUIRED PV SIZE

2.4 KWDC

BATTERY CALCULATION PER EQUATION 140.10-B

KWH = KWDC x 1.87 / 90%

4.9 KWH

KW = KWDC x 0.46

1.1 KW

PHOTOVOLTAIC EXCEPTIONS:

* IF TOTAL AVAILABLE SOLAR ACCESS ROOF AREA IS LESS THAN 3% OF CONDITIONED FLOOR SOLAR SYSTEM IS NOT REQUIRED PER 140.10(a) EXCEPTION #1

* IF REQUIRED SOLAR SYSTEM SIZE IS LESS THAN 4 KWDC SOLAR SYSTEM IS NOT REQUIRED PER 140.10(a) EXCEPTION #2

* IF SOLAR ACCESS ROOF AREA CONTAINS LESS THAN 80 CONTIGUOUS SQUARE FEET SOLAR SYSTEM IS NOT REQUIRED PER 140.10(a) EXCEPTION #3

* BUILDINGS w/ ENFORCEMENT-AUTHORITY-APPROVED ROOF DESIGNS WHERE SOLAR SYSTEM IS DETERMINED NOT TO BE POSSIBLE SOLAR SYSTEM IS NOT REQUIRED PER 140.10(a) EXCEPTION #4

* MULTITENANT BUILDNGS IN AREAS WHERE LOAD SERVING ENTITY DOES NOT PROVIDE EITHER A VIRTUAL NET METERING OR COMMUNITY SOLAR PROGRAM SOLAR SYSTEM IS NOT REQUIRED PER 140.10(a) EXCEPTION #5

BATTERY STORAGE EXCEPTIONS:

* IF INSTALLED PV SYSTEM IS < 15% OF DETERMINED SIZE BATTERY STORAGE SYSTEM IS NOT REQUIRED PER 140.10(b) EXCEPTION #1

* IF BATTERY STORAGE SYSTEM IS < 10KWH BATTERY STORAGE SYSTEM IS NOT REQUIRED PER 140.10(b) EXCEPTION #2

* IF BUILDING IS < 5,000 SF. BATTERY STORAGE SYSTEM IS NOT REQUIRED PER 140.10(b) EXCEPTION #3

* OFFICES, SCHOOLS & WAREHOUSES IN CLIMATE ZONE 1 BATTERY STORAGE SYSTEM IS NOT REQUIRED PER 140.10(b) EXCEPTION #4

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No. S 4421
EXP. 12/31/25
STATE OF CALIFORNIA

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STRUCTURAL
No. S 4421
EXP. 12/31/25
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ELECTRICAL PANEL SCHEDULES - 3M

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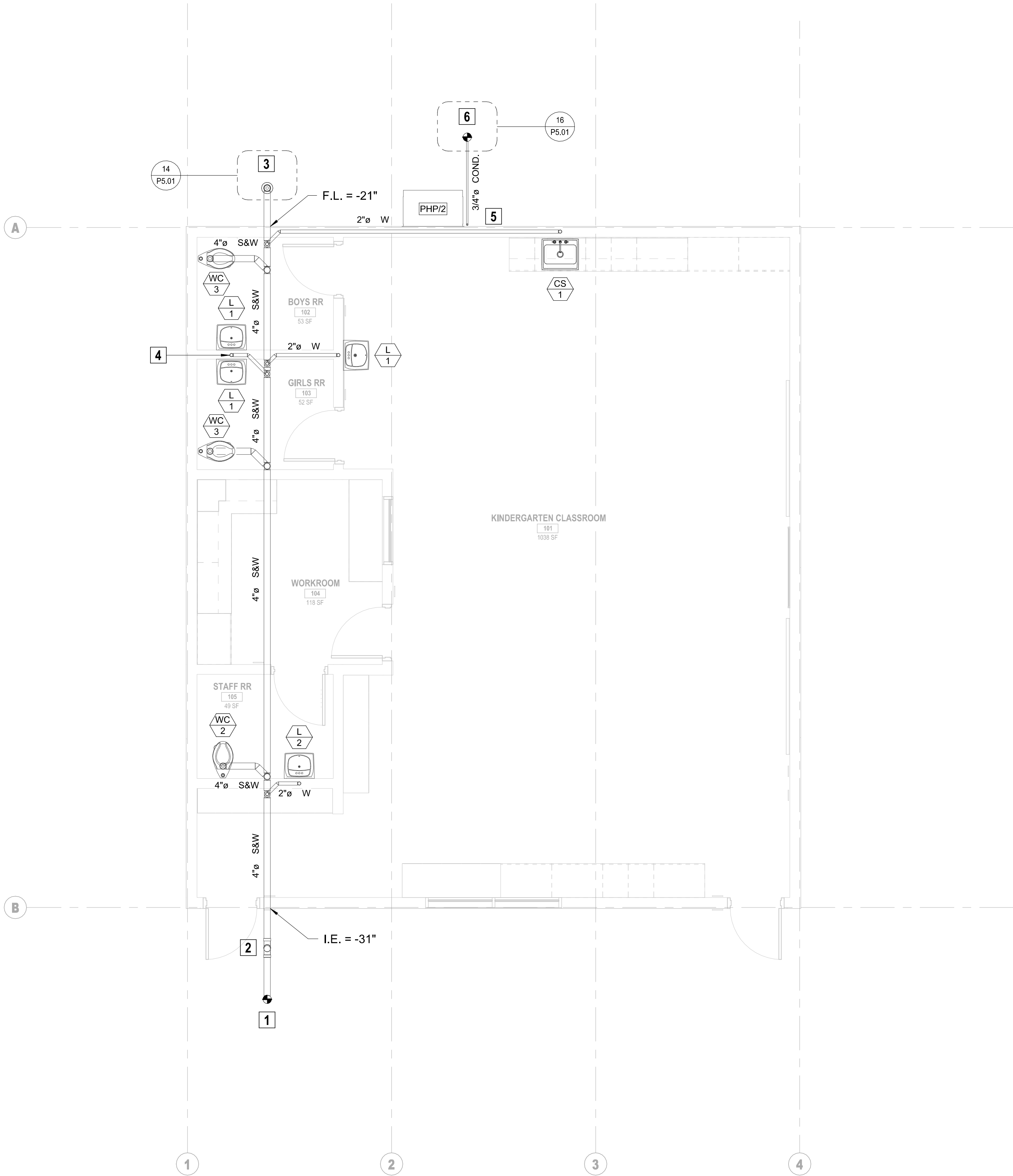
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WASTE SERVICE CALCULATION

FIXTURE UNITS - CPC TABLE 702.1			
FIXTURE	NO.	UNIT	TOTAL
TOILET (FV, 1.28 GPF)	3	4.0	12.0
LAVATORY	4	1.0	4.0
CLASSROOM SINK	1	2.0	2.0
TOTAL FIXTURE UNITS			18.0
MAIN LINE SIZE - CPC TABLE 703.2			4"
BASED ON SLOPE			1/4" / FT.
FV - FLUSH VALVE GT - GRAVITY TANK GPF - GALLONS PER FLUSH			



1 PLUMBING BELOW GRADE FLOOR PLAN - 3M
1/4" = 1'-0"

PLUMBING FLOOR PLAN KEYNOTES



1.

UNDER SLAB PLUMBER TO STUB OUT S&W 5'-0" BEYOND BLDG - CONNECTION BY SITE PLUMBER - VERIFY LOCATION & INVERT SEE SITE PLUMBING DWGS
2.

2 WAY TEE/WYE - 4"COTG PER 2/P5.01
3.

4"COTG PER 14/P5.01
4.

2"W DROP THRU SLAB FROM ABOVE FLOOR - WASTE PIPING FROM L/1 & L/1 TO BE PIPED TOGETHER IN WALL BEFORE DROPPING BELOW FLOOR
5.

3/4"CONDENSATE DRAIN TO DROP OUTSIDE WALL TO BELOW GRADE - EXTEND 5' OUT FROM BUILDING AND CAP FOR CONNECTION BY SITE PLUMBER PER 2/P5.02
6.

3/4"CONDENSATE DRAIN TO CONNECT TO ROCK POCKET FURNISHED BY SITE PLUMBER PER 16/P5.01

PLUMBING FLOOR PLAN NOTES

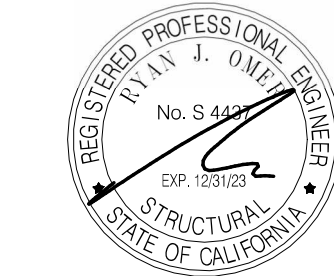
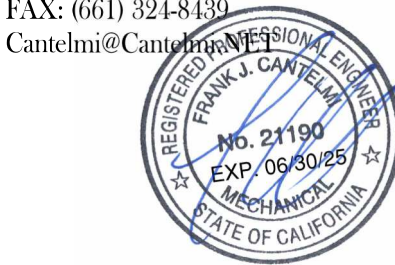
MAIN BUILDING SEWER LINE TO BE LOCATED 10'-0" AWAY FROM MAIN BUILDING WATER LINE SUPPLY

SEE SHEET P1.07 FOR VENT PIPING

SITE PLUMBER CONTRACTOR TO FURNISH & INSTALL ALL BELOW FINISHED FLOOR PLUMBING - COORDINATE W/ ABOVE FINISHED FLOOR PLANS & STUB ALL REQUIRED PIPE CONNECTIONS 4" ABOVE FINISH FLOOR AT EACH POINT OF CONNECTION

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PLUMBING BELOW GRADE FLOOR PLAN - 3M



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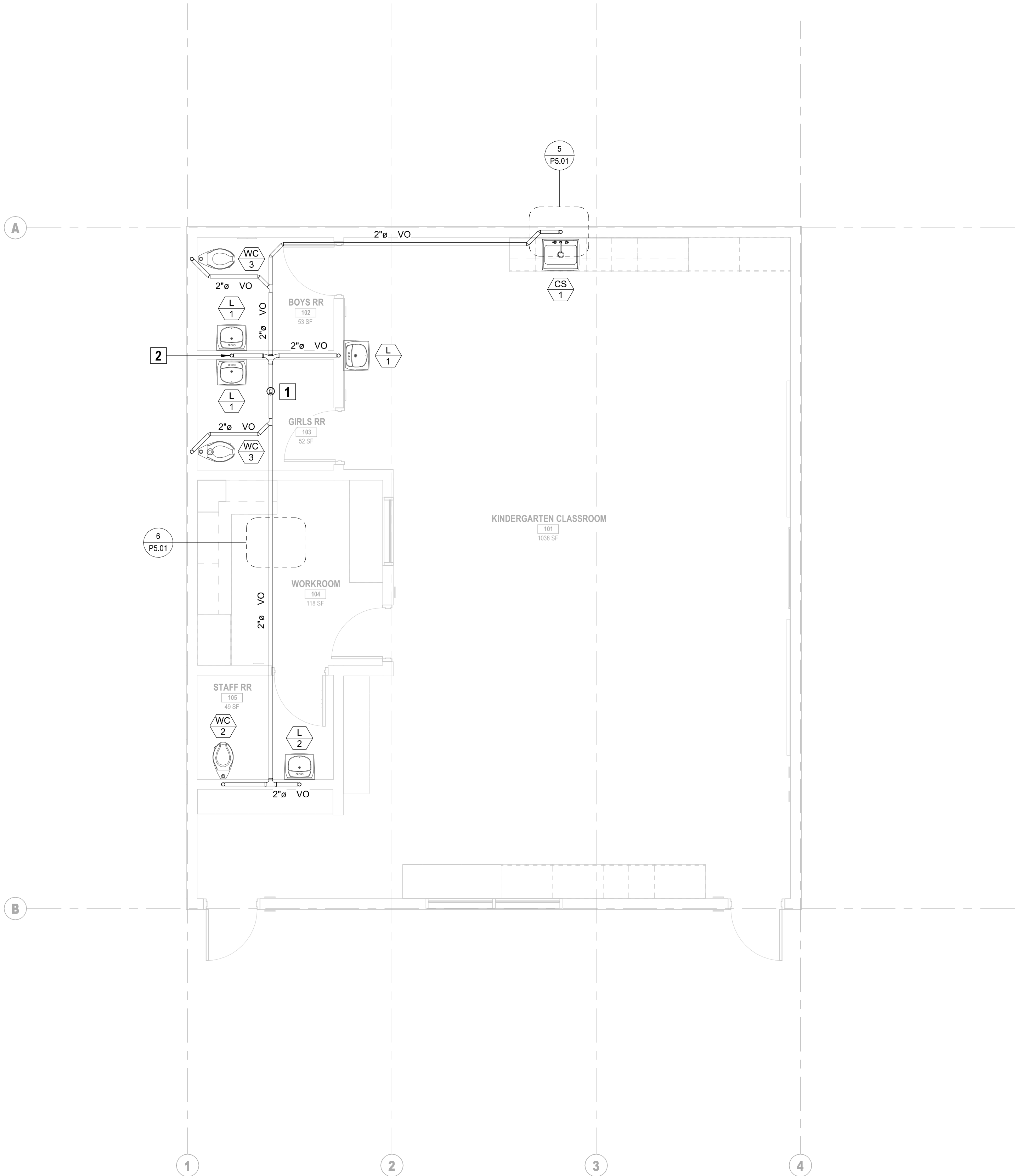
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1 PLUMBING BELOW GRADE FLOOR PLAN - 3M
1/4" = 1'-0"

PLUMBING FLOOR PLAN KEYNOTES



1. 4"VTR - LOCATE A MIN 10'-0" AWAY FROM OSA INTAKES, COORDINATE W/ MECH
2. 2"W DROP THRU SLAB TO BELOW FLOOR - WASTE PIPING FROM L/1 & L/1 TO BE PIPED TOGETHER IN WALL BEFORE DROPPING BELOW FLOOR

PLUMBING FLOOR PLAN NOTES

2"WCO BELOW EVERY LAVATORY & SINK
BUILDING MANUFACTURER TO FURNISH & INSTALL ABOVE FINISHED FLOOR PLUMBING - COORDINATE W/ SHEET P1.06 BELOW FINISHED FLOOR PLANS

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NEW MODULAR CLASSROOM BUILDING
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PLUMBING ABOVE GRADE FLOOR PLAN - 3M

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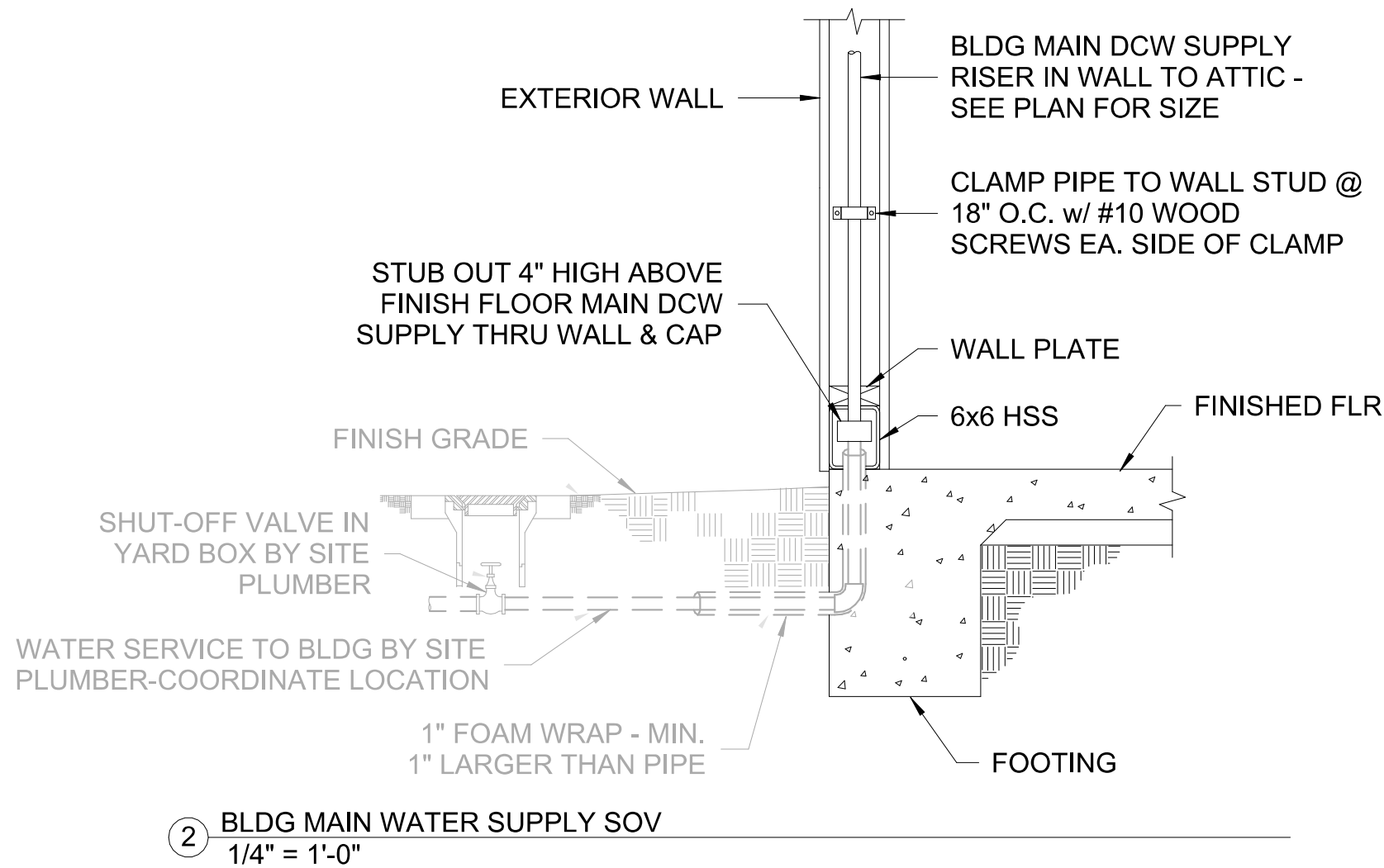
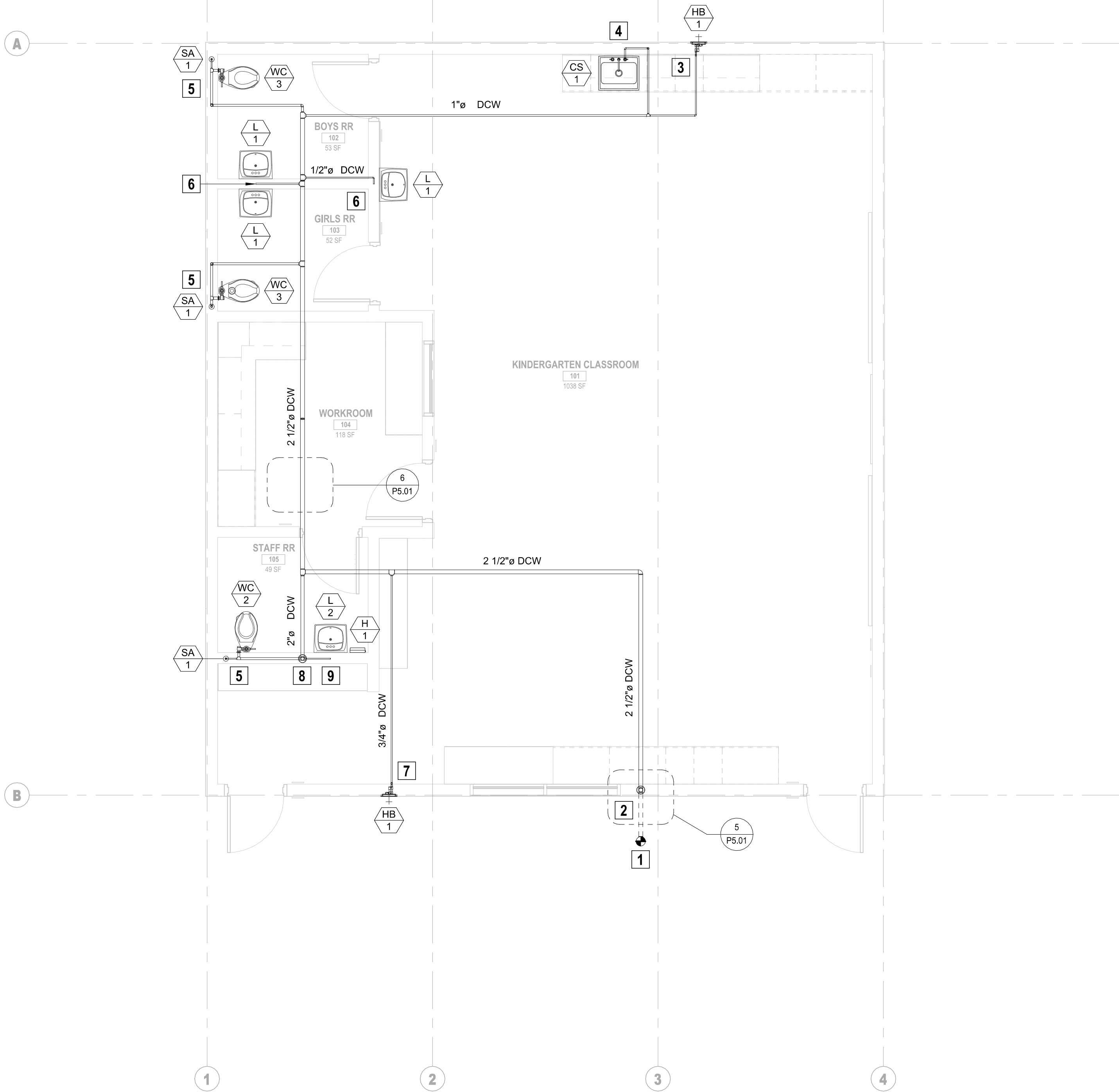
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P1.07

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1 PLUMBING DCW & DHW FLOOR PLAN - 3M
1/4" = 1'-0"



WATER SERVICE CALCULATION

FIXTURE UNITS - CPC TABLE 610.3 7 610.10			
FIXTURE	NO.	UNIT	TOTAL
TOILET (FV, 1.28 GPF)	3	*	90.0
LAVATORY	4	1.0	4.0
CLASSROOM SINK	1	2.0	2.0
HOSE BIBB	1	2.5	2.5
HOSE BIBB (ADDITIONAL)	1	1.0	1.0

TOTAL FIXTURE UNITS	99.5
GALLONS PER MIN. (GPM) 103.1(1) & 103.1(2)	67.0
MAIN LINE SIZE - CPC CHART 105.1(3)	2-1/2"
SITE WATER MAIN STATIC PRESSURE	60 LBS.

FV - FLUSH VALVE
GT - GRAVITY TANK
GPF - GALLONS PER FLUSH
* - PER CPC TABLE 610.10

CPC 2022 SECTION 610.12.1
8 FOOT PER SECOND COLD WATER
5 FOOT PER SECOND HOT WATER

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PLUMBING DCW & DHW FLOOR PLAN - 3M

PLUMBING DCW FLOOR PLAN KEYNOTES

- DCW TO BUILDING & SOV IN YARD BOX BY SITE CONTRACTOR - COORDINATE LOCATION - SEE SITE PLUMBING DWGS
- 2-1/2"DCW RISER IN WALL TO ATTIC - STUB OUT 4" HIGH ABOVE FINISH FLOOR MAIN DCW SUPPLY THRU WALL & CAP - LOCATE WATER RISER BETWEEN WINDOW & EMBED PLATES, SEE STRUCTURAL PLANS FOR EMBED LOCATIONS
- 3/4"DCW BRANCH FROM RISER IN WALL TO HB/1
- 3/4"DCW DROP IN WALL TO CS/1
- 1-1/4"DCW DROP IN WALL TO WC/2 OR WC/3
- 1/2"DCW DROP IN WALL TO L/1
- 3/4"DCW DROP IN WALL TO HB/1
- 2"DCW DROP IN CHASE WALL TO HEADER
- 1/2"DCW DROP IN WALL TO L/2 & INSTA-HOT H/1

PLUMBING FLOOR PLAN NOTES

MAIN BUILDING WATER LINE SUPPLY TO BE LOCATED 10'-0" AWAY FROM MAIN BUILDING SEWER LINE

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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD										NRCC-PRF-E	
Nonresidential Performance Compliance Method										(Page 1 of 19)	
Project Name:				TAFT PRIMARY			Date Prepared:			2024-09-06	
A. General Information											
1	Project Name			TAFT PRIMARY							
2	Run Title			Title 24 Analysis							
3	Project Location			212 LUCARD ST.							
4	City			TAFT		5	Standards Version		Compliance 2022		
6	Zip code			93268		7	Compliance Software (version)		EnergyPro 9.3		
8	Climate Zone			13		9	Building Orientation (deg)		0		
10	Building Type(s)			• Nonresidential		11	Weather File		MEADOWS-FIELD_STYP20.epw		
12	Project Scope			• New complete scope		13	Number of Dwelling Units		0		
14	Total Conditioned Floor Area in Scope (ft²)			1150		15	Total # of hotel/motel rooms		0		
16	Total Unconditioned Floor Area (ft²)			150		17	Fuel Type		Natural gas		
18	Nonresidential Conditioned Floor Area			1150		19	Total # of Stories (Habitable Above Grade)		1		
20	Residential Conditioned Floor Area			0							

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000
Schema Version: rev 20220601

Report Generated: 2024-09-06 11:42:04
Compliance ID: EnergyPro-2545-0924-0255

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD				NRCC-PRF-E
Nonresidential Performance Compliance Method				(Page 5 of 19)
C3. TDV ENERGY RESULTS FOR NON-REGULATED COMPONENTS ¹				
Non-Regulated Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV) ¹	
Receptacle	65.9	65.9	---	
Process	---	---	---	
Other Ltg	4.76	4.76	---	
Process Motors	7.47	13.58	-6.11	
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	379.61	351.88	27.73 (7.3%)	
¹ Notes: This table is not used for Energy Code Compliance.				
</				

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD					NRCC-PRF-E
Nonresidential Performance Compliance Method					(Page 9 of 19)
C8. ENERGY USE INTENSITY (EUI)					
	Standard Design (kBtu/ft ² / yr)	Proposed Design (kBtu/ft ² / yr)	Margin (kBtu/ft ² / yr)	Margin Percentage	
GROSS EUI ¹	39.37	36.74	2.63	6.68	
NET EUI ¹	39.37	36.74	2.63	6.68	
¹ Notes: Gross EUI is Energy Use Total (not including PV)/Total Building Area. Net EUI is Energy Use Total (including PV)/Total Building Area.					
D1. EXCEPTIONAL CONDITIONS					
<ul style="list-style-type: none">• The proposed building claims credit for non-mandatory lighting control credits via Power Adjustment Factors (PAFs) as outlined in Standards Table 140.6-A. Review NRCC-PRF-LT1 DETAILS Table A to ensure that credit is not claimed for mandatory controls.• The project uses the Simplified Geometry Performance Modeling Approach which is not capable of modeling daylighting controls and assumes the prescriptive Secondary Daylight Control requirements are met. PRESCRIPTIVE COMPLIANCE documentation (form NRCC-LT1-02-E) for the requirements of section 140.6(d) Automatic Daylighting Controls in Secondary Daylight Zones is required.• The building does not include service water heating. Verify that service water heating is not required and is not included in the design.• DesignedOccupancyCycle=Calculating/Unverified• Project is claiming Exception 2 to Section 140.10(a). No PV system is required where the required PV system size is less than 4 kWdc.• Project is claiming Exception 3 to Section 140.10(b). No battery storage system required for tenant spaces less than or equal to 5,000 ft².• PV/Battery Building Type has been modified from software defaults for one or more spaces. Review project's PV/Battery Building Type(s) with documentation author. Refer to Energy Code section 140.10 for Nonresidential or 170.3(g) for more information.					
E4. ADDITIONAL REMARKS					
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.					
Per EnergyPro, model metal walls as wood with required U factor as a work around to have the project comply.					
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance					
Report Version: 2022.0.000		Report Generated: 2024-09-06 11:42:04			
Schema Version: rev 20220601		Compliance ID: EnergyPro-2545-0924-0255			

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD												NRCC-PRF-E
Nonresidential Performance Compliance Method												(Page 13 of 19)
H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY												
01	02	03	04	05	06	07	08	09	10	11	12	13
Name or Item Tag	Qty	Design OA CFM	CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control	Status ¹
PHP-2 System <td>1</td> <td>450</td> <td>1,820</td> <td>0.75</td> <td>BHP</td> <td>Constant Vol</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N</td>	1	450	1,820	0.75	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
¹ Status: N - New, A - Altered, E - Existing												
H5. GENERAL EXHAUST FAN SUMMARY												
01	02	03	04	05	06	07	08					
System ID	Zone Name	Qty	CFM	Power	Power Units	Continuous Operation?	Status ¹					
Zone 11-EF	1-Zone 1	1	430	0.06	BHP	No	N					
Zone 220-EF	2-Zone 2	1	300	0.11	BHP	No	N					
¹ Status: N - New, A - Altered, E - Existing												
H8. SPECIAL SYSTEM FEATURES												
01	02	03	04									
System Name	Equipment Type	Interlocks per 140.4(a) ¹		Other Special Features and Controls								
PHP-2 System	Single Package VHP Air System	N/A		Zone(s) With CO2 Sensor Vent. Control - Differential DB								
Notes: This table includes controls related to the performance path only. For projects using the prescriptive path, mandatory and prescriptive controls requirements are documented on the NRCC-MCH-E.												
¹ Yes = interlocks are provided, No = interlocks are not provided, NA means no operable openings.												
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance				Report Version: 2022.0.000 Schema Version: rev 20220601				Report Generated: 2024-09-06 11:42:04 Compliance ID: EnergyPro-2545-0924-0255				

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD							NRCC-PRF-E	
Nonresidential Performance Compliance Method							(Page 2 of 19)	
B. PROJECT SUMMARY								
Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within the permit application.								
Building Components Complying via Performance					Building Components Complying Prescriptively			
Envelope (See Table G)	Nonres	Performance	Solar Thermal Water Heating (See Table I3)	<input type="checkbox"/>	Performance	The following building components are ONLY eligible for prescriptive compliance and should be documented on the NRCC form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E).		
	Multifam	Not Included		<input checked="" type="checkbox"/>	Not Included			
Mechanical (See Table H)	Nonres	Performance	Covered Process: Commercial Kitchens (see Table J)	<input type="checkbox"/>	Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(a)	NRCC-LT-E is required	
	Multifam	Not Included		<input checked="" type="checkbox"/>	Not Included	Outdoor Lighting 140.7 & 170.2(e)	NRCC-LTD-E is required	
Domestic Hot Water (See Table I)	Nonres	Not Included	Covered Process: Laboratory Exhaust (see Table J)	<input type="checkbox"/>	Performance	Sign Lighting 140.8 & 170.2(e)	NRCC-LTS-E is required	
	Multifam	Not Included		<input checked="" type="checkbox"/>	Not Included	Building Components Complying with Mandatory Measures		
Lighting (Indoor Conditioned, see Table K)	Nonres	Performance	Photovoltaics (see Table F)	<input type="checkbox"/>	Performance	Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should be documented on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E).		
	Multifam	Not Included		<input checked="" type="checkbox"/>	Not Included	Electrical Power Distribution 110.11	NRCC-ELC-E is required	
				<input type="checkbox"/>	Performance	Commissioning 120.8	NRCC-CMR-E is required	
			Battery (see Table F)	<input checked="" type="checkbox"/>	Not Included	Solar and Battery 110.10	NRCC-SAB-E is required	

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000
Schema Version: rev 20220601

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Compliance ID: EnergyPro-2545-0924-0255

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD				NRCC-PRF-E
Nonresidential Performance Compliance Method				(Page 6 of 19)
C4. SOURCE ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual Source Energy Use, kWh/ft ² / yr)				
COMPLIES ²				
Energy Component	Standard Design (SOURCE)	Proposed Design (SOURCE)	Compliance Margin (SOURCE) ¹	
Space Heating	2.11	2.52	-0.41	
Space Cooling	3.95	3.75	0.2	
Indoor Fans	10.56	8.38	2.18	
Heat Rejection	0	0	0	
Pumps & Misc.	0	0	0	
Domestic Hot Water	4.74	4.75	-0.01	
Indoor Lighting	2.57	2.18	0.39	
Flexibility	---	---	---	
EFFICIENCY COMPLIANCE TOTAL	23.93	21.58	2.35 (9.8%)	
Photovoltaics	---	---	---	
Batteries	---	---	---	
TOTAL COMPLIANCE	23.93	21.58	2.35 (9.8%)	
² Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.				
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance		Report Version: 2022.0.000 Schema Version: rev.20220601	Report Generated: 2024-09-06 11:42:04 Compliance ID: EnergyPro-2545-0924-0255	

file: S:\DWGS2024\JTS\TAFT PRIMARY C24-172\C24-172 TAFT PRIMARY T-24.dwg DATE: 9/5/2024 3:12 PM

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD		NRCC-PHF-E (Page 17 of 19)
Nonresidential Performance Compliance Method		
M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE		
Selections made by Documentation Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP).		
Building Component	Form/Title & System Name(s)	
Mechanical	NRCA-MCH-12-A FGD for Packaged Direct Expansion Units	
	PHP-2 System	
N. INDICATION OF REQUIRED CERTIFICATES OF VERIFICATION		
Selections made by Documentation Author indicate which Certificates of Verification must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online		
There are no Certificates of Verification applicable to this project		
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance		
Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339
Schema Version: rev 2022001	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339

STATE OF CALIFORNIA Nonresidential Building Commissioning		CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-CXR-E (Page 2 of 6)	
Project Name: TAFT PRIMARY	Report Page: (Page 2 of 6)	Date Prepared: 9/6/2024	
C. COMPLIANCE RESULTS			
Table C will indicate if the project data input into the compliance document is compliant with commissioning requirements per 120.8. This table is not editable by the user. If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D for guidance.			
01	02	03	04
Design Kickoff Meeting	Owner's Project Requirements	Design Review	Commissioning Plan
Table F	Table G	Table H	Table I
Yes	Yes	Yes	Yes
10			
D. EXCEPTIONAL CONDITIONS			
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.			
E. ADDITIONAL REMARKS			
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.			
Generated Date/Time: Documentation Software: EnergyPro			
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339
Schema Version: rev 2022001	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339	Report Generated: 2024-09-06 11:42:04

STATE OF CALIFORNIA Nonresidential Building Commissioning		CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-CXR-E (Page 2 of 6)	
Project Name: TAFT PRIMARY	Report Page: (Page 2 of 6)	Date Prepared: 9/6/2024	
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT			
I certify that this Certificate of Compliance documentation is accurate and complete.			
Documentation Author Name: Frank Cantelmi	Documentation Author Signature: [Signature]	Signature Date: 2024-09-06	
Company: JTS Modular	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
Address: 2130 F Street	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
City/State/Zip: Bakersfield, CA 93301	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
Phone: 661-324-5252	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
RESPONSIBLE PERSON'S DECLARATION STATEMENT			
I certify the following under penalty of perjury, under the laws of the State of California:			
1. The information provided on this Certificate of Compliance is true and correct.			
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).			
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.			
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.			
5. I understand that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to accomplish this requirement.			
6. I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to accomplish these requirements.			
Responsible Designer Name: JTS Modular	Responsible Designer Signature: [Signature]	Signature Date: 2024-09-06	
Company: JTS Modular	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
Address: 2130 F Street	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
City/State/Zip: Bakersfield, CA 93301	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
Phone: 661-324-5252	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance			
Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339	Report Generated: 2024-09-06 11:42:04
Schema Version: rev 2022001	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339	Report Generated: 2024-09-06 11:42:04

STATE OF CALIFORNIA Electrical Power Distribution		CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-ELC-E (Page 4 of 6)	
Project Name: TAFT PRIMARY	Report Page: (Page 4 of 6)	Date Prepared: 9/6/2024	
H. VOLTAGE DROP			
Electrical Panel	<input checked="" type="checkbox"/> Voltage drop less than 5%	<input type="checkbox"/> Permitted by CA Elec Code (Exception to 130.5(c))	In construction documents
* NOTES: If "Permitted by CA Elec Code" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.			
* FOOTNOTES: Voltage drop calculations may be attached to the permit application under the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".			
I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES			
This table includes entries for new or complete replacement electrical power distribution systems to demonstrate compliance with 130.5(b) / 160.6(b). Both controlled and uncontrolled receptacles must be provided in office areas, lobbies, conference rooms, kitchen areas in office spaces, copy rooms and hotel/motel guest rooms.			
01	02	03	04
Room name or Description	Location/Type of Controlled Receptacles	Shut-Off Controls	Demand Responsive Controls
	50 % are controlled receptacle (hotel/motel room)	Other*	NA: Building does not require demand responsive lighting controls per 130.5(c)
* NOTES: If "Other" is selected under Shut-Off Controls above, please indicate how compliance has been achieved in the space provided below.			
Electrical Panel	NA		
* FOOTNOTES: Receptacles dedicated to refrigerators and water dispensers in kitchens, located a minimum of 6ft above the floor specifically for clocks, network copiers, fax machines, A/V and data equipment other than personal computers in copy rooms, circuits rated more than 20 Amps, or connected to a UPS that are intended to be in continuous use and are marked to differentiate them from other receptacles or circuits are excepted from the requirements.			
J. ELECTRIC BUDGET BUILDINGS			
This section does not apply to this project.			
Generated Date/Time: Documentation Software: EnergyPro			
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339
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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD		NRCC-PHF-E (Page 18 of 19)
Nonresidential Performance Compliance Method		
Documentation Author's Declaration Statement		
I certify that this Certificate of Compliance documentation is accurate and complete.		
Documentation Author Name: Frank Cantelmi	Documentation Author Signature: [Signature]	Signature Date: 2024-09-06
Company: JTS Modular	Signature Date: 2024-09-06	Signature Date: 2024-09-06
Address: 2130 F Street	Signature Date: 2024-09-06	Signature Date: 2024-09-06
City/State/Zip: Bakersfield, CA 93301	Signature Date: 2024-09-06	Signature Date: 2024-09-06
Phone: 661-324-5252	Signature Date: 2024-09-06	Signature Date: 2024-09-06
RESPONSIBLE PERSON'S DECLARATION STATEMENT		
I certify the following under penalty of perjury, under the laws of the State of California:		
1. The information provided on this Certificate of Compliance is true and correct.		
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).		
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.		
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.		
5. I understand that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to accomplish this requirement.		
6. I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to accomplish these requirements.		
Responsible Designer Name: JTS Modular	Responsible Designer Signature: [Signature]	Signature Date: 2024-09-06
Company: JTS Modular	Signature Date: 2024-09-06	Signature Date: 2024-09-06
Address: 2130 F Street	Signature Date: 2024-09-06	Signature Date: 2024-09-06
City/State/Zip: Bakersfield, CA 93301	Signature Date: 2024-09-06	Signature Date: 2024-09-06
Phone: 661-324-5252	Signature Date: 2024-09-06	Signature Date: 2024-09-06
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance		
Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339
Schema Version: rev 2022001	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339

STATE OF CALIFORNIA Nonresidential Building Commissioning		CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-CXR-E (Page 3 of 6)	
Project Name: TAFT PRIMARY	Report Page: (Page 3 of 6)	Date Prepared: 9/6/2024	
F. DESIGN REVIEW KICKOFF MEETING			
This table indicates that the design reviewer meets the qualification requirements per Title 24, Part 1 Section 10-103(a)1 and demonstrates compliance with design review kickoff requirements per 120.8(d). This meeting should occur during the Schematic Design phase of the project.			
Design Review Kickoff Meeting Details			
01 Date of Design Review Kickoff Meeting	0001-01-01		
02 Meeting Attendees (one person may play multiple roles)	0001-01-01		
03 Owner/Facility Manager: JTS Construction	04 Design Reviewer(s): JTS Construction		
05 Project Manager: JTS Construction	06 Design Architect/Engineer(s): Cantelmi Engineering		
07 Contractor: JTS Construction	08 Certified Acceptance Test Tech(s):		
09 Commissioning Provider: JTS Construction	10 Energy T24 Part 6 Consultant: Cantelmi Engineering		
Design Reviewer Qualifications per Title 24 Part 1 Section 10-103(a)1			
The design reviewer(s) must be licensed professional engineers or licensed architects, or licensed contractors representing services performed by or under the direct supervision of a licensed engineer or architect, as specified in the provisions of Division 3 of the Business and Professions Code.			
01 In addition, for buildings with >= 10,000 ft² but < 50,000 ft², the design reviewer(s) shall be a qualified in-house engineer or architect with no other project involvement or a third party engineer, architect, or contractor	Yes	No	
02 The design reviewer(s) for this project will be: JTS Construction			
Preliminary Construction Schedule			
03 Schematic Design	Start Date	Completion Date	
04 Design Development	0001-01-01	0001-01-01	
05 Construction Documents	0001-01-01	0001-01-01	
06 Construction	0001-01-01	0001-01-01	
07 Building Turnover	0001-01-01	0001-01-01	
Project Goals Related to Energy Efficiency			
08 Operational Costs			
09 Desired Building Lifespan			
10 Equipment Lifecycle			
11 Project Energy Efficiency Goals			
Generated Date/Time: Documentation Software: EnergyPro			
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339
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STATE OF CALIFORNIA Electrical Power Distribution		CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-ELC-E (Page 5 of 6)	
Project Name: TAFT PRIMARY	Report Page: (Page 5 of 6)	Date Prepared: 9/6/2024	
A. GENERAL INFORMATION			
01 Project Location (city): TAFT	02 Climate Zone: 04	03 Occupancy Types Within Project: Classroom/Support Areas	
B. PROJECT SCOPE			
This table includes electrical systems that are within the scope of the permit application.			
01	02	03	04
Electrical Service Designation/Description	Scope of Work*	Rating (kVA)	System to be Installed
Electrical Panel	New electrical service equipment and meter	36	System to be Installed
Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections 120.2, 160.3, 130.1, 160.5, and 130.3, 160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.			
FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c) / 160.6(c), not other requirements from 130.5 / 160.6 are required.			
* If common areas in a multifamily are submetered, rating is for submeter size serving common use area.			
* Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.			
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance			
Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339	Report Generated: 2024-09-06 11:42:04
Schema Version: rev 2022001	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339	Report Generated: 2024-09-06 11:42:04

STATE OF CALIFORNIA Electrical Power Distribution		CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-ELC-E (Page 5 of 6)	
Project Name: TAFT PRIMARY	Report Page: (Page 5 of 6)	Date Prepared: 9/6/2024	
K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION			
Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online.			
Form/Title			
NRCC-ELC-E - Must be submitted for all buildings			
Generated Date/Time: Documentation Software: EnergyPro			
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339
Schema Version: rev 2022001	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339	Report Generated: 2024-09-06 11:42:04

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD		NRCC-PHF-E (Page 19 of 19)
Nonresidential Performance Compliance Method		
Responsible Designer Name: Cantelmi Engineering		Responsible Designer Signature: [Signature]
Company: Cantelmi Engineering	Signature Date: 2024-09-06	Signature Date: 2024-09-06
Address: 2130 F Street	Signature Date: 2024-09-06	Signature Date: 2024-09-06
City/State/Zip: Bakersfield, CA 93301	Signature Date: 2024-09-06	Signature Date: 2024-09-06
Phone: 661-324-5252	Signature Date: 2024-09-06	Signature Date: 2024-09-06
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance		
Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339
Schema Version: rev 2022001	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339

STATE OF CALIFORNIA Nonresidential Building Commissioning		CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-CXR-E (Page 4 of 6)	
Project Name: TAFT PRIMARY	Report Page: (Page 4 of 6)	Date Prepared: 9/6/2024	
F. DESIGN REVIEW KICKOFF MEETING			
14 Envelope Goals	15 HVAC System Goals	16 Indoor Lighting System Goals	17 Outdoor Lighting System Goals
18 Water Heating System Goals	19 Equipment and System Specifications	20 Operations and Maintenance	
G. OWNER'S PROJECT REQUIREMENTS (OPR)			
This section does not apply to this project.			
H. BASIS OF DESIGN (BOD)			
This section does not apply to this project.			
I. CONSTRUCTION DOCUMENT DESIGN REVIEW CHECKLIST			
This table is only completed if a design review document is not attached to permit application to demonstrate compliance with 120.8(b) and 120.8(e). For buildings with >= 10,000 ft² conditioned floor area, the design review will ensure the construction documents meet the goals documented in Table F, during the Design Review Kickoff.			
01 Attaching Completed Design Review Documentation?	Yes	No	
J. COMMISSIONING PLAN			
This section does not apply to this project.			
Generated Date/Time: Documentation Software: EnergyPro			
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339
Schema Version: rev 2022001	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339	Report Generated: 2024-09-06 11:42:04

STATE OF CALIFORNIA Electrical Power Distribution		CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-ELC-E (Page 4 of 6)	
Project Name: TAFT PRIMARY	Report Page: (Page 4 of 6)	Date Prepared: 9/6/2024	
C. COMPLIANCE RESULTS			
Results in this table are automatically calculated from data input and calculations in Tables F through J. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.			
01 Service Electrical Metering 130.5(a) / 160.6(a)	02 Separation for Monitoring 130.5(b) / 160.6(b)	03 Voltage Drop 130.5(c) / 160.6(c)	04 Controlled Receptacles 130.5(d) / 160.6(d)
Yes	AND	Yes	AND
05 Electric Ready 160.9	06 Compliance Results		
Yes	AND	COMPLIES	
D. EXCEPTIONAL CONDITIONS			
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.			
E. ADDITIONAL REMARKS			
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.			
F. SERVICE ELECTRICAL METERING			
This table includes new or replacement electrical service systems OR equipment to demonstrate compliance with 130.5(d) / 160.6(c). For multifamily occupancies, submetered systems that provide power to common use areas must meet the following metering requirements. Submetered systems providing power to dwelling units do not.			
01 Electrical Service Designation/Description	02 Rating (kVA)	03 Instantaneous Demand (kW)	04 Historical Peak Demand (kW)
Electrical Panel	36		
FOOTNOTES: If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.			
Generated Date/Time: Documentation Software: EnergyPro			
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339
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STATE OF CALIFORNIA Electrical Power Distribution		CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-ELC-E (Page 4 of 6)	
Project Name: TAFT PRIMARY	Report Page: (Page 4 of 6)	Date Prepared: 9/6/2024	
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT			
I certify that this Certificate of Compliance documentation is accurate and complete.			
Documentation Author Name: Frank Cantelmi	Documentation Author Signature: [Signature]	Signature Date: 2024-09-06	
Company: Cantelmi Engineering	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
Address: 2130 F Street	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
City/State/Zip: Bakersfield, CA 93301	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
Phone: 661-324-5252	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
RESPONSIBLE PERSON'S DECLARATION STATEMENT			
I certify the following under penalty of perjury, under the laws of the State of California:			
1. The information provided on this Certificate of Compliance is true and correct.			
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).			
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.			
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.			
5. I understand that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.			
Responsible Designer Name: Cantelmi Engineering	Responsible Designer Signature: [Signature]	Signature Date: 2024-09-06	
Company: Cantelmi Engineering	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
Address: 2130 F Street	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
City/State/Zip: Bakersfield, CA 93301	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
Phone: 661-324-5252	Signature Date: 2024-09-06	Signature Date: 2024-09-06	
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance			
Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339	Report Generated: 2024-09-06 11:42:04
Schema Version: rev 2022001	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339	Report Generated: 2024-09-06 11:42:04

STATE OF CALIFORNIA Nonresidential Building Commissioning		CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-CXR-E (Page 5 of 6)	
Project Name: TAFT PRIMARY	Report Page: (Page 5 of 6)	Date Prepared: 9/6/2024	
A. GENERAL INFORMATION			
01 Project Location (city): TAFT	02 Climate Zone: 04	03 Building Size (ft²): 1150	04 Total Illuminated Landscape Area (ft²): 240
05 Occupancy Type: Nonresidential	06	07	08
09 Project Type: Newly constructed	10	11	12
B. PROJECT SCOPE			
Based on project information provided in Table A, Table B indicates which commissioning related requirements apply per 120.8. Table B is not editable by the user.			
Commissioning Requirements per 120.8			
01 Table F: Design Review Kickoff	120.8(f) and 120.8(g)	The design review kickoff meeting establishes who will play the role of the design reviewer, the project schedule and identify owner's requirements. This meeting should be conducted during schematic design.	
02 Table G: Owner's Project Requirements (OPR)	120.8(h)	This requirement does not apply.	
03 Table H: Basis of Design (BOD)	120.8(i)	This requirement does not apply.	
04 Table I: Design Review	120.8(j) and 120.8(k)	The design reviewer(s) reviews the construction documents for clarity, completeness, and adherence to the owner's goals. Commissioning measures must be included in the construction documents to facilitate the design review and commissioning process. For projects with >= 10,000 ft² of nonresidential conditioned floor area, the design review is for adherence with the Owner's Project Requirements (OPR) and Basis of Design (BOD). This should be conducted during design.	
05 Table K: Commissioning Plan	120.8(l)	This requirement does not apply.	
06 Table L: Functional Performance Testing	120.8(m)	This requirement does not apply.	
07 Table M: Documentation and Training	120.8(n)	This requirement does not apply.	
08 Table N: Commissioning Report	120.8(o)	This requirement does not apply.	
Generated Date/Time: Documentation Software: EnergyPro			
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339
Schema Version: rev 2022001	Report Generated: 2024-09-06 11:42:04	Compliance ID: EnergyPro-2545-0924-0339	Report Generated: 2024-09-06 11:

STATE OF CALIFORNIA

Outdoor Lighting

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 1

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-1

Page 1 of 7

9/6/2024

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through H. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table G. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(a) or 141.0(b)(2) / 180.2(b)(4)w

01	02	03	04	05	06	07	08	09
General Hardship Allowance 140.7(a) / 170.2(a) (See Table K)	Per Application 140.7(b)(2) / 170.2(b)(4) (See Table L)	Sales Frontage 140.7(b)(2) / 170.2(b)(4) (See Table M)	Ornamental 140.7(b)(2) / 170.2(b)(4) (See Table N)	Per Specific Area 140.7(b)(2) / 170.2(b)(4) (See Table O)	Existing Power Allowance 141.0(b)(2) / 180.2(b)(4)w (See Table P)	Total Allowed (Watts)	Total Actual (Watts)	07 must be <= 08
159	---	---	---	---	---	159	26	COMPLIES

Shielding Compliance (See Table H for Details)

COMPLIES

D. EXCEPTIONAL CONDITIONS

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

E. ADDITIONAL REMARKS

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

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:45

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 2

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-SAB-E

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9/6/2024

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online.

Form/Title

Systems/Spaces To Be Field Verified

NRCC-LTO-E - Must be submitted for all buildings

ELECTRICAL LIGHTING PLANS

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/titles24/attcp/providers.html>

Form/Title

Systems/Spaces To Be Field Verified

NRCC-LTO-E2-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.

ELECTRICAL LIGHTING PLANS

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:45

STATE OF CALIFORNIA

Outdoor Lighting

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 1

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-1

Page 1 of 7

9/6/2024

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(a) all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the table below. For altered lighting systems using the Existing Power method per 141.0(b)(2), only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (i.e. existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

Designated Wattage:

01	02	03	04	05	06	07	08	09	10
Name or Item	Complete Luminaire Description	Watts per Luminaire ¹	How is Wattage determined	Total Number of Luminaires ¹	Luminaire Status ²	Excluded per 140.7(a) / 170.2(a)(6A)	Design Watts	Cutoff Req. > 6,200 initial lumen output 130.2(b)(1) / 160.5(c)(1)	Field Inspector
F&E	Wall Pack	Linear	13	Mfr. Spec	2	New	26	NA < 6,200 lumens	Pass
Total Design Watts:							26		

*NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
01 Luminaires lighting a vehicle. EXCEPTION 2 to 140.2(b).
02/03/04/05 Authority Having Jurisdiction may ask for luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b).
06 For linear luminaires, wattage should be indicated as W/ft instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.
07 "Select 'New' for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select 'Altered' for replacement luminaires in an alteration. Select 'Existing to Remain' for existing luminaires within the project scope that are not being altered and are remaining. Select 'Existing Replaced' for existing luminaires which are being removed and replaced as part of the project scope.
08 Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b)(1) / 160.5(c).

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:45

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 2

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-SAB-E

Page 2 of 4

9/6/2024

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name: Frank Cantelmi

Signature Date: 2024-09-06

Address: 21190

City/State/Zip: Bakersfield CA 93301

Phone: 661.324.5252

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

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

Responsible Designer Name: Cantelmi Engineering

Date Signed: 2024-09-06

Address: 21190

City/State/Zip: Bakersfield CA 93301

Phone: 661.324.5252

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:45

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 1

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-SAB-E

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9/6/2024

A. GENERAL INFORMATION

01 Project Location (city): TAFT

02 Climate Zone: 13

03 Conditioned Floor Area (ft²): 1150

04 Building Occupancies: All Other OccupanciesSupport Areas

05 Construction Type: New construction

06 Number of Stories: Bldg <= 3 stories

B. PROJECT SCOPE

The compliance path the project is using to comply per 110.0(b)(16) / 140.10 / 170.2(g and h) is indicated below.

Compliance with Solar Photovoltaic (PV) and Battery Requirements in 140.10 / 170.2(g and h)

<input type="checkbox"/> Provided PV system and battery storage sized per 140.10 / 170.2 (g and h)	The project has included an installed PV system and battery storage system per requirements in 140.10 / 170.2(g and h) as documented in Table I.
<input type="checkbox"/> Exception to PV and Battery: Not enough Solar Access Roof Area	The total of all available Solar Access Roof Area(s) of the project site is less than three percent of the conditioned floor area as documented in Table I.
<input type="checkbox"/> Exception to PV and Battery: Required PV < 4kW	The required PV system size is less than 4 kW dc as documented in Table I.
<input type="checkbox"/> Exception to PV and Battery: No contiguous Solar Access Roof Area	The Solar Access Roof Area(s) of the project site contains less than 80 contiguous square feet as documented in Table I.
<input type="checkbox"/> Exception to PV and Battery: Can't meet snow load	The project has a roof design where the enforcement authority has verified it is not possible for the PV system, including panels, modules, components, supports, and attachments to the roof structure, to meet ASCE 7-16 Chapter 7, Snow Loads.
<input type="checkbox"/> Exception to PV and Battery: Multi-tenant without UNEM or Community Solar	The project is a multi-tenant building in an area where a load serving entity does not provide either a Virtual Net Metering (VNET) or community solar program.
<input checked="" type="checkbox"/> The prescriptive PV/battery requirement has been traded off using the performance compliance approach as documented on the PRF Certificate of Compliance form.	

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:45

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 2

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-SAB-E

Page 2 of 4

9/6/2024

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

Documentation Author Name: Frank Cantelmi

Signature Date: 2024-09-06

Address: 21190

City/State/Zip: Bakersfield CA 93301

Phone: 661.324.5252

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

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

Responsible Designer Name: JTS Modular

Date Signed: 2024-09-06

Address: 788919 GENERAL B

City/State/Zip: Bakersfield CA 93313

Phone: 661-835-9270

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:50

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 1

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-1

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L. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardship Allowance is per Table 140.7-A/ Table 170.2-A while "Use it or lose it" Allowances are per Table 140.7-B/ Table 170.2-B. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

01

02	03	04	05	06	07	08	09
Area Description	Area Voltage Allowance (VMA)	Area Voltage Allowance (VMA)	Area Voltage Allowance (VMA)	Perimeter (length) (ft)	Linear Allowance (W/ft)	Linear Allowance (Watts)	Total General Allowance (Watts)
Ext Lighting	240	0.016	3.8	36	0.1	4.7	9

Initial Voltage Allowance for Entire Site (Watts):

Instances of Initial Voltage Allowance (2 of only):

Total General Hardship Allowance (Watts): 9

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:50

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 1

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-1

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9/6/2024

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardship Allowance is per Table 140.7-A/ Table 170.2-A while "Use it or lose it" Allowances are per Table 140.7-B/ Table 170.2-B. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

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02	03	04	05	06	07	08	09
Area Description	Area Voltage Allowance (VMA)	Area Voltage Allowance (VMA)	Area Voltage Allowance (VMA)	Perimeter (length) (ft)	Linear Allowance (W/ft)	Linear Allowance (Watts)	Total General Allowance (Watts)
Ext Lighting	240	0.016	3.8	36	0.1	4.7	9

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Total General Hardship Allowance (Watts): 9

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This section does not apply to this project.

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Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:50

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 1

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-1

Page 1 of 7

9/6/2024

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online.

Form/Title

Systems/Spaces To Be Field Verified

NRCC-LTO-E - Must be submitted for all buildings

ELECTRICAL LIGHTING PLANS

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/titles24/attcp/providers.html>

Form/Title

Systems/Spaces To Be Field Verified

NRCC-LTO-E2-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.

ELECTRICAL LIGHTING PLANS

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:45

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 2

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-SAB-E

Page 2 of 4

9/6/2024

A. GENERAL INFORMATION

01 Project Location (city): TAFT

02 Climate Zone: 13

03 Conditioned Floor Area (ft²): 1150

04 Building Occupancies: All Other OccupanciesSupport Areas

05 Construction Type: New construction

06 Number of Stories: Bldg <= 3 stories

B. PROJECT SCOPE

The compliance path the project is using to comply per 110.0(b)(16) / 140.10 / 170.2(g and h) is indicated below.

Compliance with Solar Photovoltaic (PV) and Battery Requirements in 140.10 / 170.2(g and h)

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<input checked="" type="checkbox"/> The prescriptive PV/battery requirement has been traded off using the performance compliance approach as documented on the PRF Certificate of Compliance form.	

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:50

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 1

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-1

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9/6/2024

F. ALLOCATED SOLAR ZONE

This section does not apply to this project.

G. PERMANENTLY INSTALLED SOLAR PV FOR SOLAR READY EXCEPTION

This section does not apply to this project.

H. PERMANENTLY INSTALLED SOLAR HOT WATER SYSTEMS

This section does not apply to this project.

I. SMART THERMOSTATS AND ALTERNATIVE EFFICIENCY MEASURE FOR SOLAR READY EXCEPTION

This section does not apply to this project.

J. PHOTOVOLTAIC (PV) AND BATTERY SYSTEMS

This section does not apply to this project.

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

There are no NRCC forms required for this project.

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no forms required for this project.

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:50

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 2

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-SAB-E

Page 2 of 4

9/6/2024

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name: Frank Cantelmi

Signature Date: 2024-09-06

Address: 21190

City/State/Zip: Bakersfield CA 93301

Phone: 661.324.5252

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

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

Responsible Designer Name: JTS Modular

Date Signed: 2024-09-06

Address: 788919 GENERAL B

City/State/Zip: Bakersfield CA 93313

Phone: 661-835-9270

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:50

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 1

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-1

Page 1 of 7

9/6/2024

L. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardship Allowance is per Table 140.7-A/ Table 170.2-A while "Use it or lose it" Allowances are per Table 140.7-B/ Table 170.2-B. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

01

02	03	04	05	06	07	08	09
Area Description	Area Voltage Allowance (VMA)	Area Voltage Allowance (VMA)	Area Voltage Allowance (VMA)	Perimeter (length) (ft)	Linear Allowance (W/ft)	Linear Allowance (Watts)	Total General Allowance (Watts)
Ext Lighting	240	0.016	3.8	36	0.1	4.7	9

Initial Voltage Allowance for Entire Site (Watts):

Instances of Initial Voltage Allowance (2 of only):

Total General Hardship Allowance (Watts): 9

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:50

STATE OF CALIFORNIA

Solar And Battery

CERTIFICATE OF COMPLIANCE

Project Name: TAFT PRIMARY

Report Page: 2

Date Prepared: 9/6/2024

CALIFORNIA ENERGY COMMISSION

NRCC-SAB-E

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name: Frank Cantelmi

Signature Date: 2024-09-06

Address: 21190

City/State/Zip: Bakersfield CA 93301

Phone: 661.324.5252

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

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

Responsible Designer Name: JTS Modular

Date Signed: 2024-09-06

Address: 788919 GENERAL B

City/State/Zip: Bakersfield CA 93313

Phone: 661-835-9270

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000

Compliance ID: EnergyPro-2545-0924-4339

Schema Version: rev 20220101

Report Generated: 2024-09-06 11:42:50

STATE OF CALIFORNIA

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L. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardship Allowance is per Table 140.7-A/ Table 170.2-A while "Use it or lose it" Allowances are per Table 140.7-B/ Table 170.2-B. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

01

02	03	04	05	06	07	08	09
Area Description	Area Voltage Allowance (VMA)	Area Voltage Allowance (VMA)	Area Voltage Allowance (VMA)	Perimeter (length) (ft)	Linear Allowance (W/ft)	Linear Allowance (Watts)	Total General Allowance (Watts)
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