

# TOKAY HIGH SCHOOL - NEW CLASSROOM BUILDING 1111 W CENTURY BLVD LODI, CALIFONIA 95240

FOR REFERENCE ONLY

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01/07/19	T2.02	TECHNOLOGY PLAN LEVEL 2			
01/07/19	T1.01	TECHNOLOGY SYMBOL SHEET			



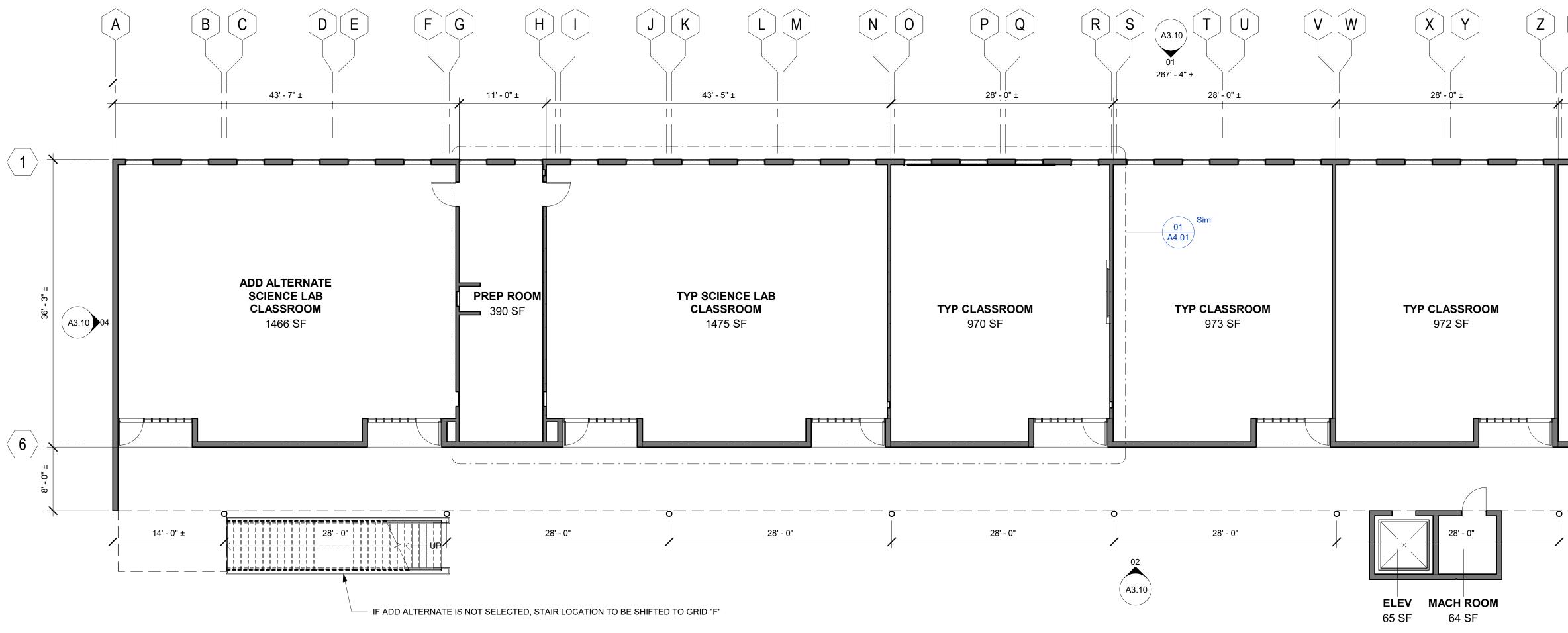
#1 PROVIDE TWO ADDITIONAL LAB SCIENCE ROOMS (1 FIRST FLOOR, 1 SECOND FLOOR)

#2 PROVIDE MECHANICALLY GRINDED POLISHED CONCRETE (CLASSROOMS AND LABS). GRADE A - LIGHT SAND (CREAM) POLISHING ONLY THE PORTLAND CEMEMNT PASTE AT THE SURFACE WITHOUT EXPOSING SMALL, MEDIUM, OR LARGE AGGREGATES. DYES ARE NOT ALLOWED AS AN ACCEPTABLE LEVEL OF GRINDING. LEVEL 2 SHEEN: SATIN FINISH (MODERATE GLOSS) AS DETERMINED BY A GLOSS READING OF 11-25 (150 GRIT METAL BONDED DIAMONDS, 50, 120, 220, 400 GRIT RESIN DIAMONDS). TWO COATS OF HARDENER COEFFICIENT OF FRICTION 0.6 MINIMUM.

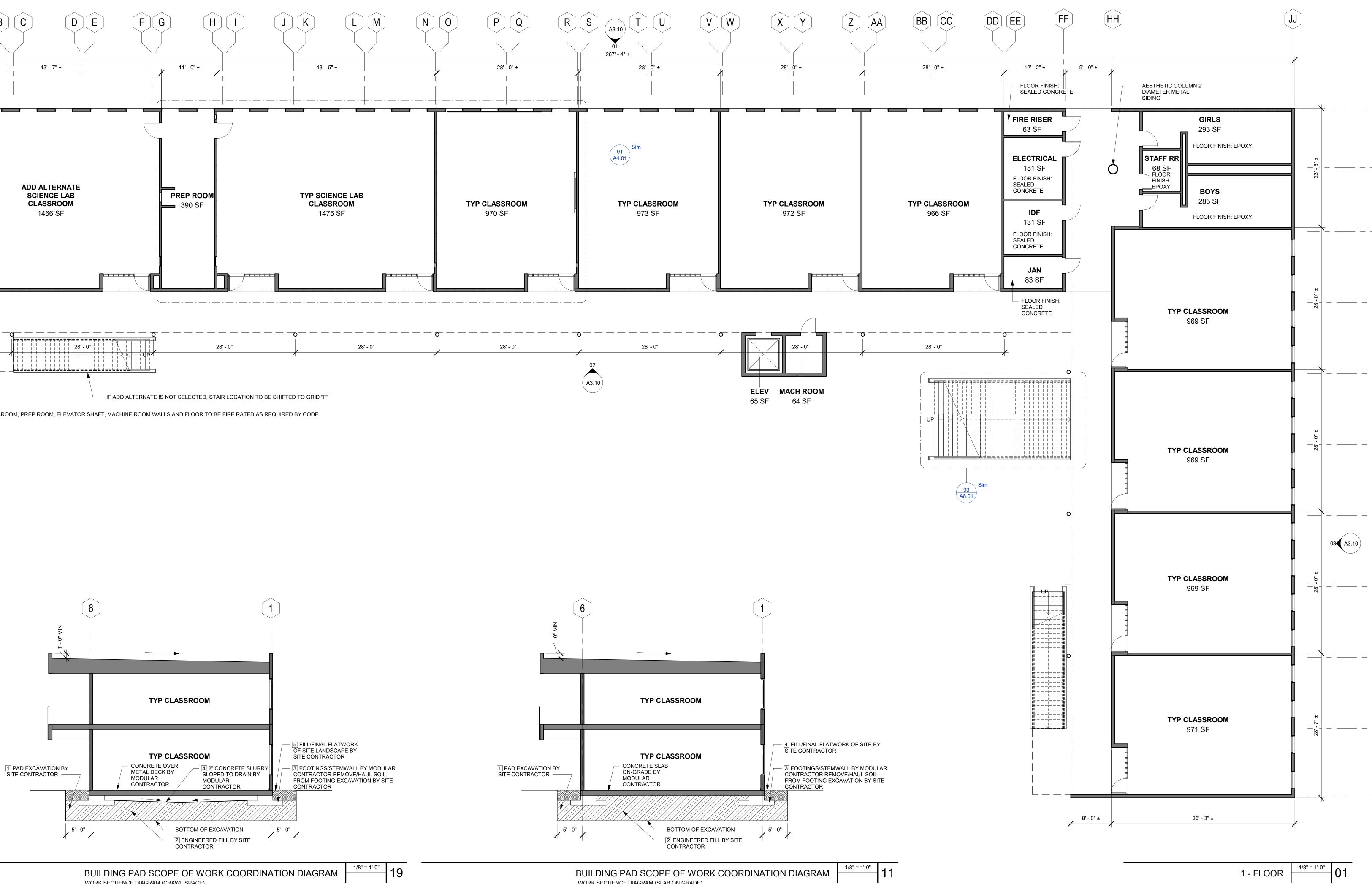
#3 PROVIDE 8" DIAMETER STEEL COLUMNS WITH CAP, CUSTOM ACCENT PAINT #2







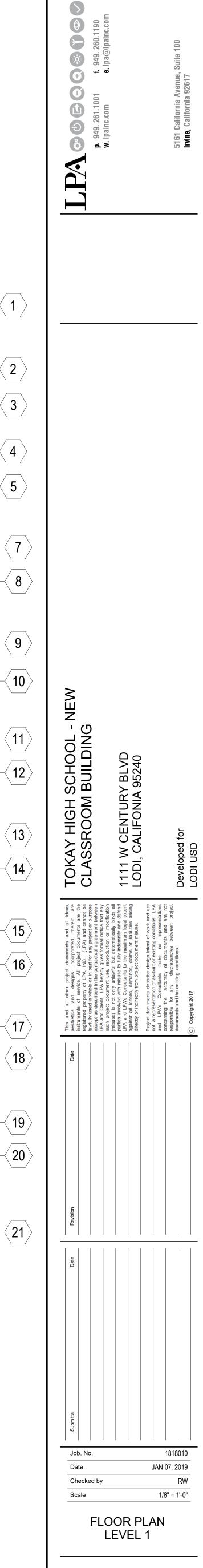
NOTE: SCIENCE CLASSROOM, PREP ROOM, ELEVATOR SHAFT, MACHINE ROOM WALLS AND FLOOR TO BE FIRE RATED AS REQUIRED BY CODE



BUILDING PAD SCOPE OF WORK COORDINATION DIAGRAM WORK SEQUENCE DIAGRAM (CRAWL SPACE)

BUILDING PAD SCOPE OF WORK COORDINATION DIAGRAM WORK SEQUENCE DIAGRAM (SLAB ON GRADE)

1 - FLOOR

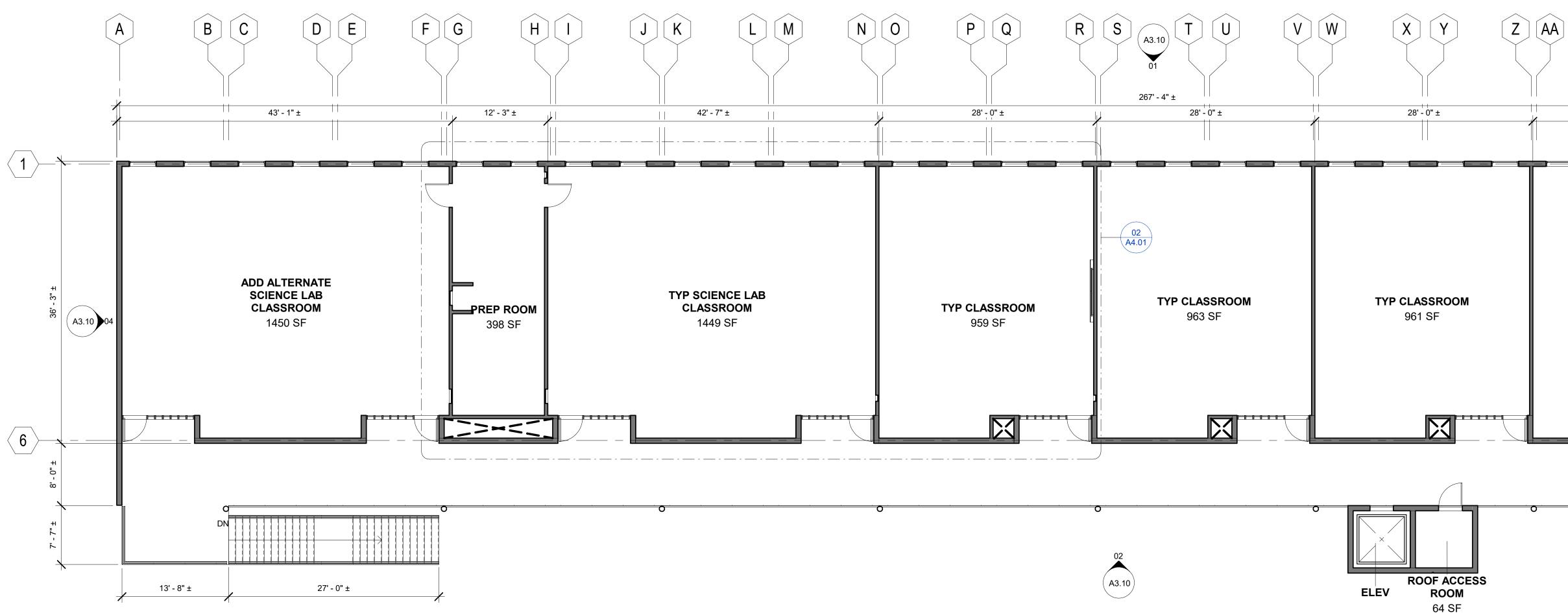


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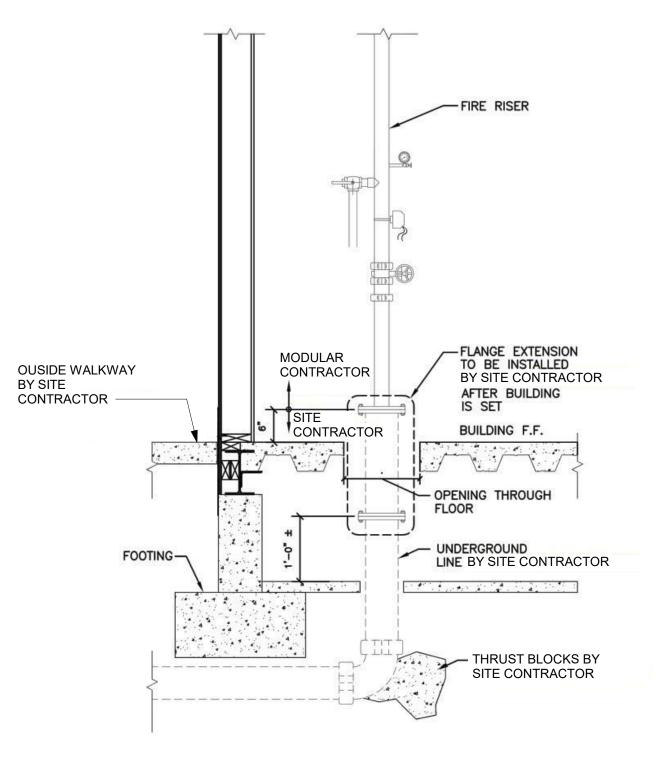
 $\searrow$ 2  $\searrow$ 4 5 \_\_\_\_\_ **9** \ (13) 14  $\langle$  15angle $\langle 16 \rangle$  $\langle$  17angle(18)  $\langle 20 \rangle$ 

**〈21**〉

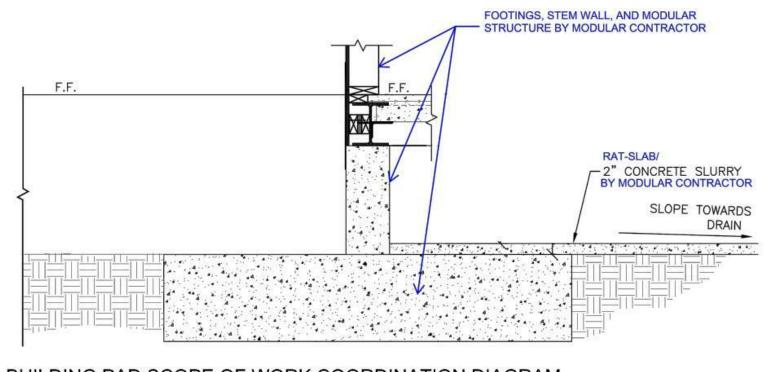
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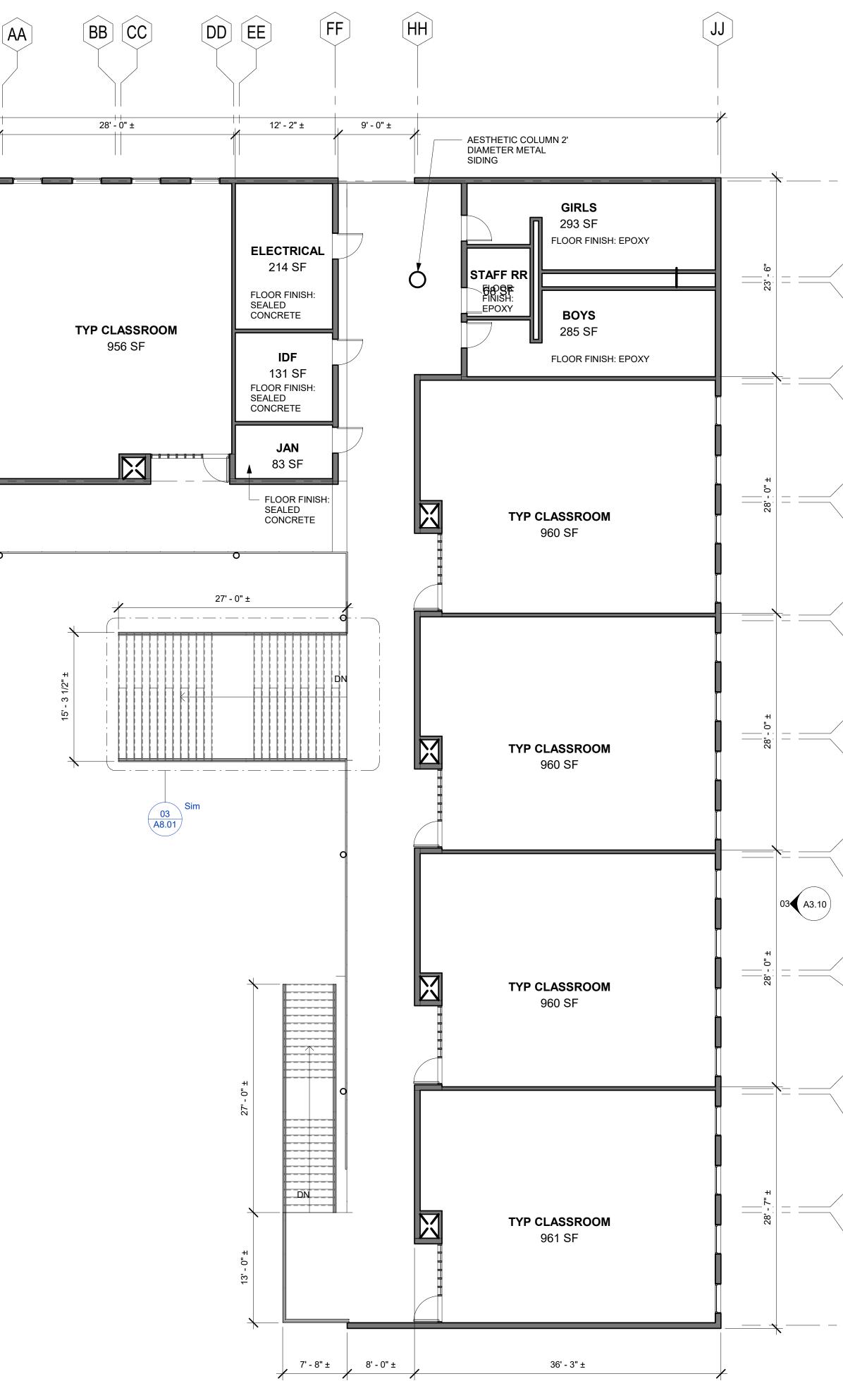
NOTE: SCIENCE CLASSROOM, PREP ROOM, ELEVATOR SHAFT, MACHINE ROOM WALLS AND FLOOR TO BE FIRE RATED AS REQUIRED BY CODE



FIRE RISER SCOPE OF WORK COORDINATION DIAGRAM CRAWL SPACE

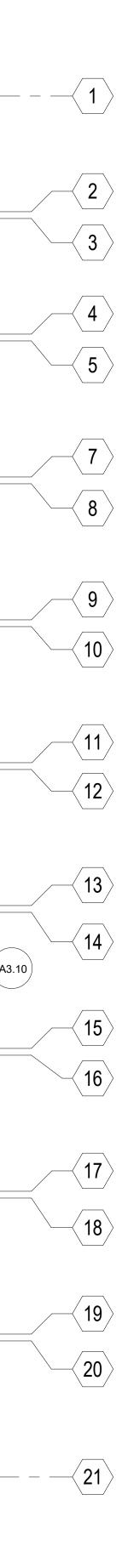


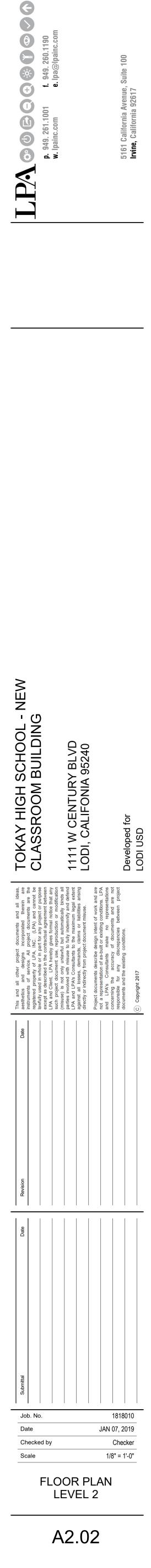
BUILDING PAD SCOPE OF WORK COORDINATION DIAGRAM

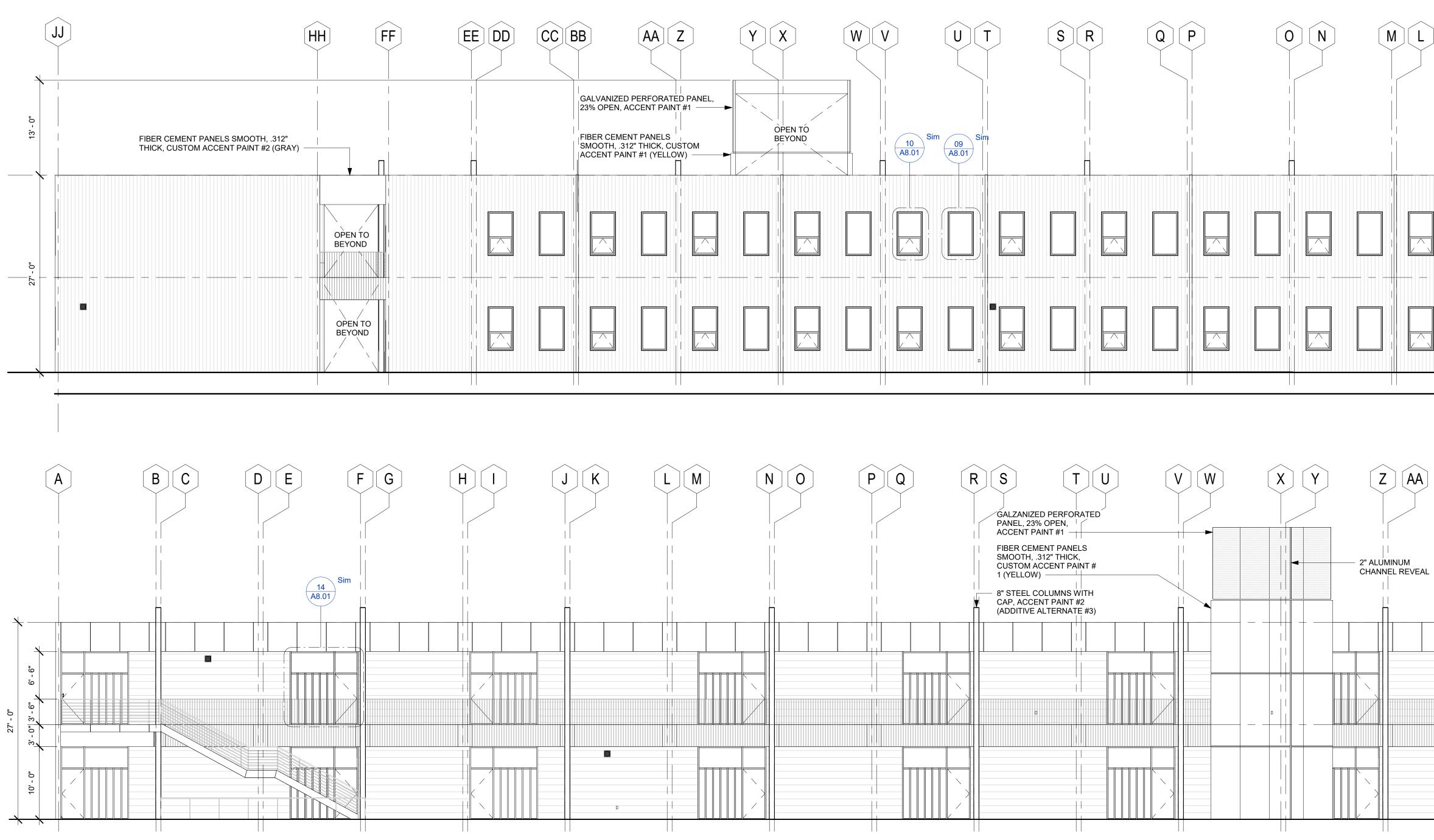


2 - FLOOR

1



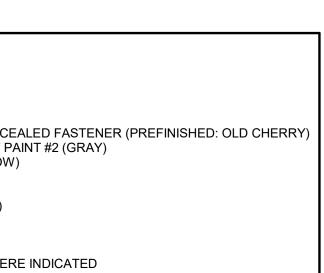


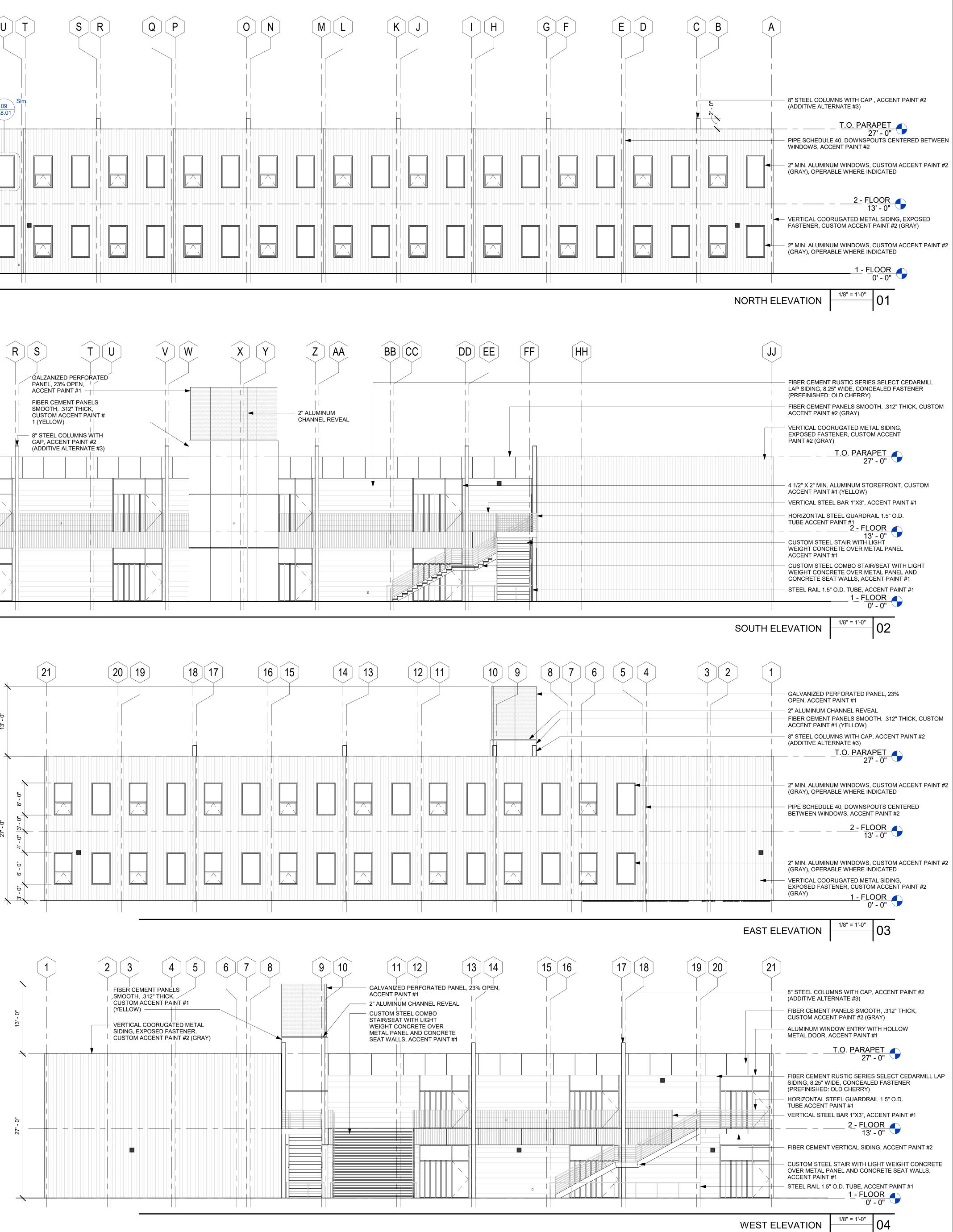


#### **EXTERIOR MATERIALS**

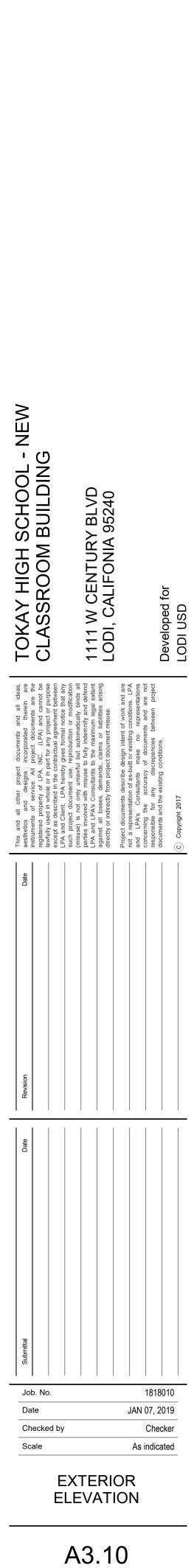
WALLS

- FIBER CEMENT RUSTIC SERIES SELECT CEDARMILL LAP SIDING, 8.25" WIDE, CONCEALED FASTENER (PREFINISHED: OLD CHERRY) VERTICAL COORUGATED METAL SIDING, EXPOSED FASTENER, CUSTOM ACCENT PAINT #2 (GRAY) FIBER CEMENT PANELS SMOOTH, .312" THICK, CUSTOM ACCENT PAINT #1 (YELLOW)
- FASCIA/SOFFITS FIBER CEMENT PANELS SMOOTH, .312" THICK, CUSTOM ACCENT PAINT #2 (GRAY)
- <u>WINDOWS</u> 4 1/2" X 2" MIN. ALUMINUM STOREFRONT, CUSTOM ACCENT PAINT #1 (YELLOW) 2" MIN. ALUMINUM WINDOWS, CUSTOM ACCENT PAINT #2 (GRAY), OPERABLE WHERE INDICATED



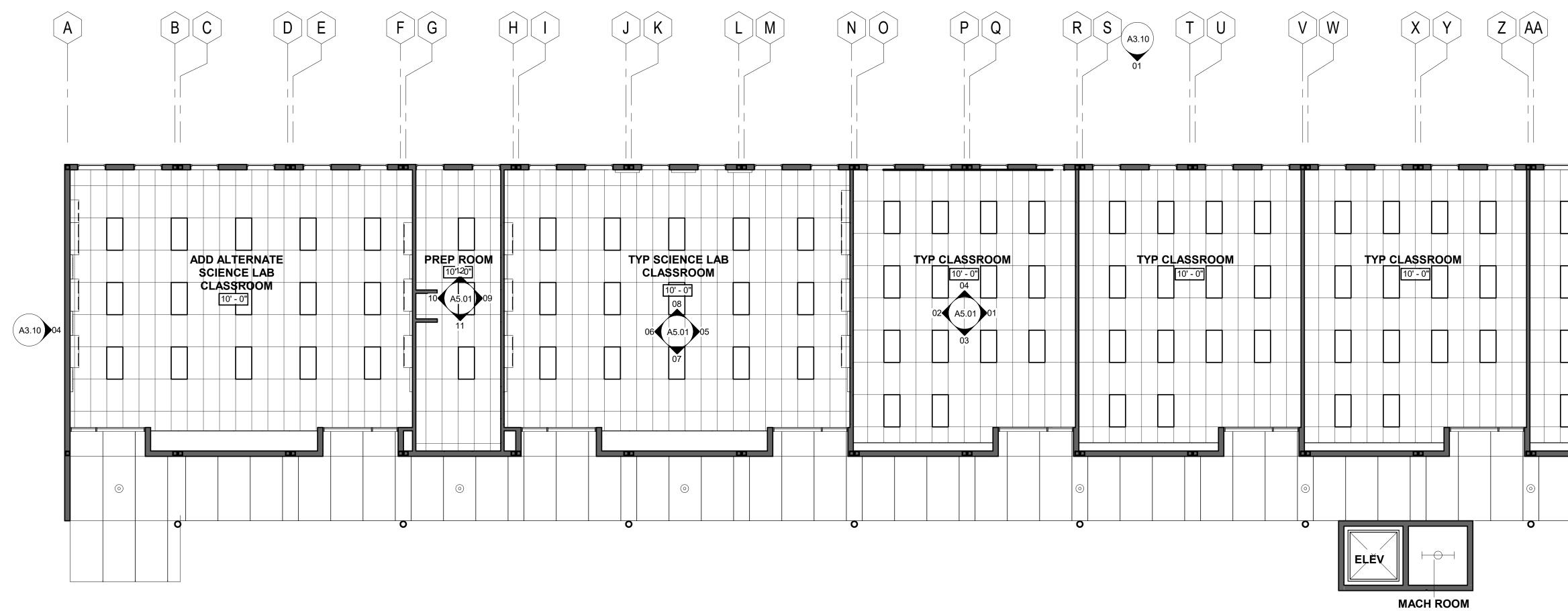


CEDARMILL LAP ER		
NT #1		Submittal
	-	Job
IT PAINT #2		Dat
Π Ι ΛΙΙΝΙ <i>π</i> 2		Ch
HT CONCRETE AT WALLS,		Sca
T #1		
	_	







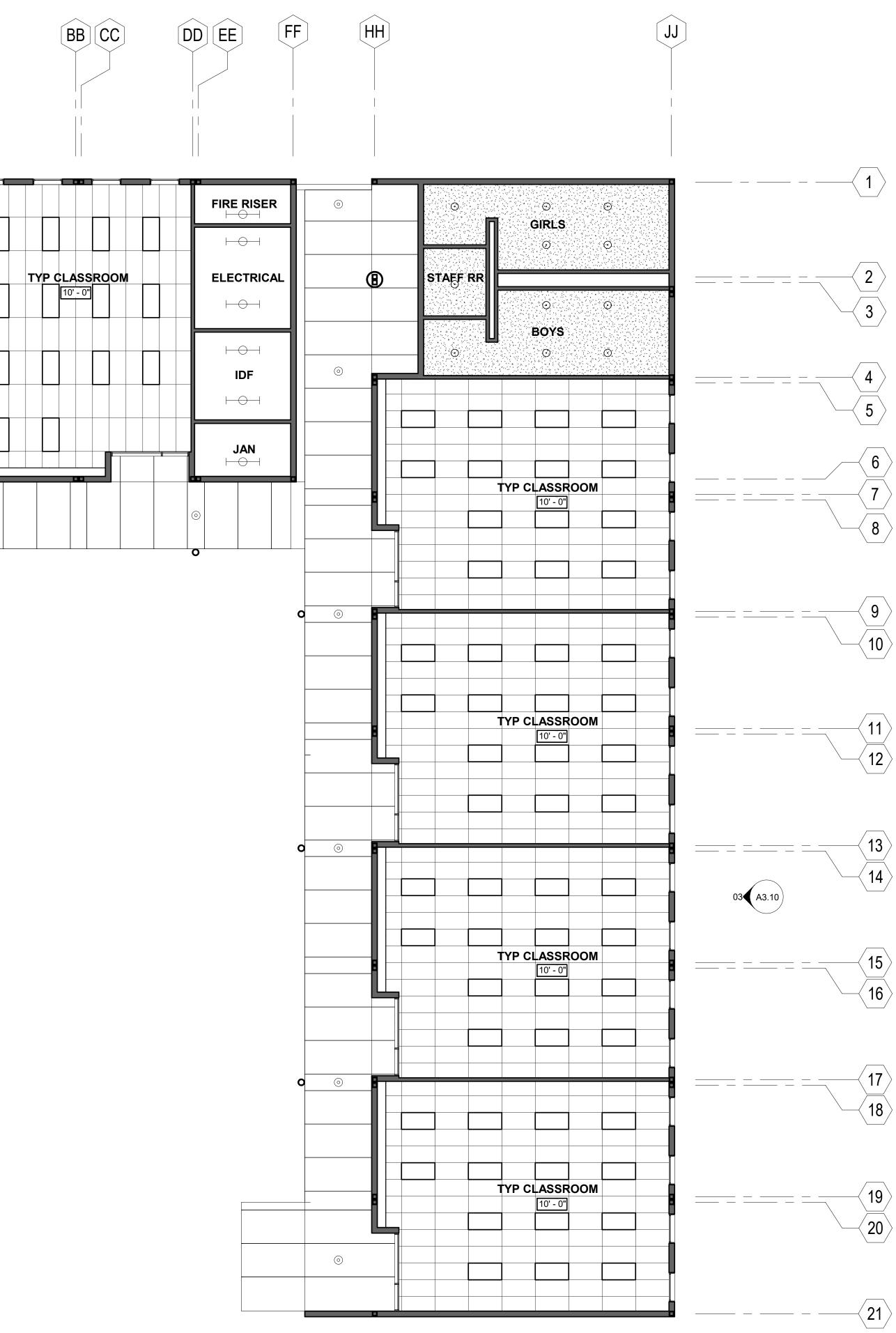


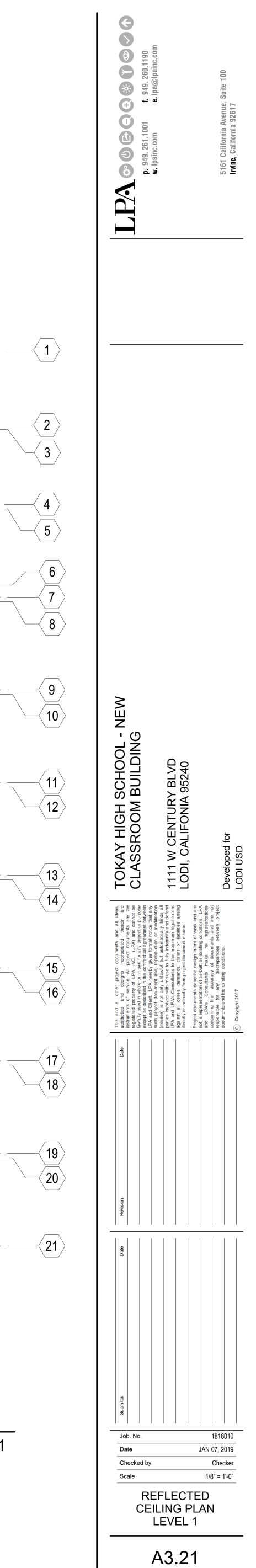
LEGEND

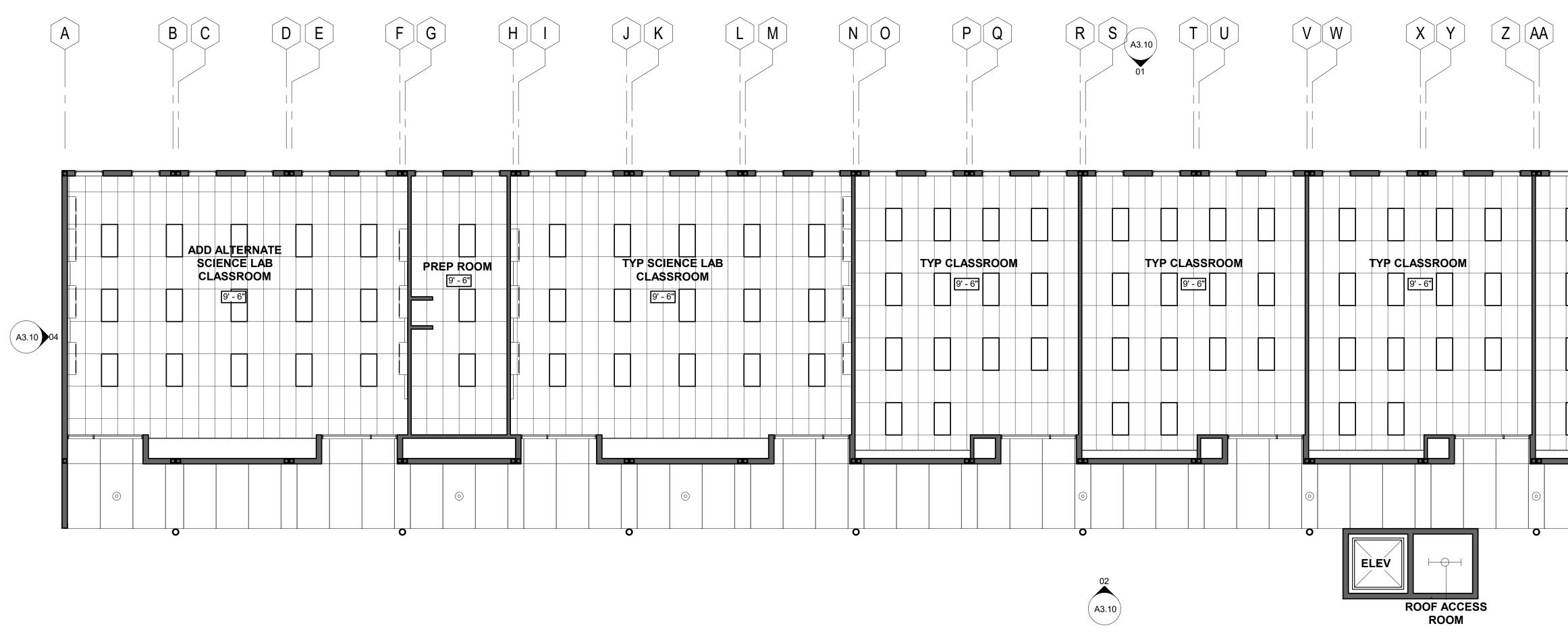
 FIBER CEMENT VENTED SOFFIT PANEL SMOOTH, .25" THICK, GALVANIZED FASTENERS, CUSTOM ACCENT PAINT #2 (GRAY)

 OTA
 OPEN TO STRUCTURE ABOVE

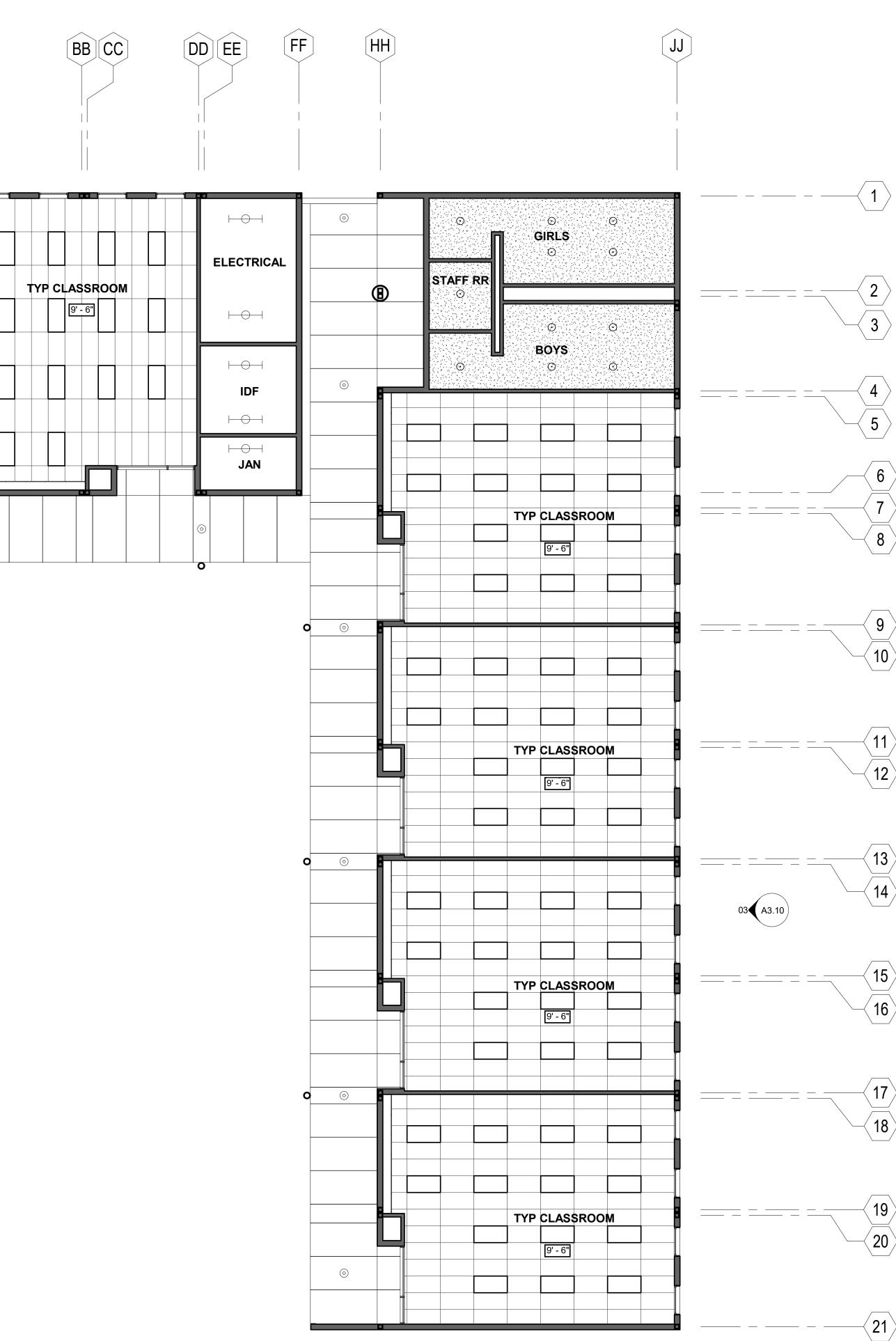
 Image: Display in the structure of the structure

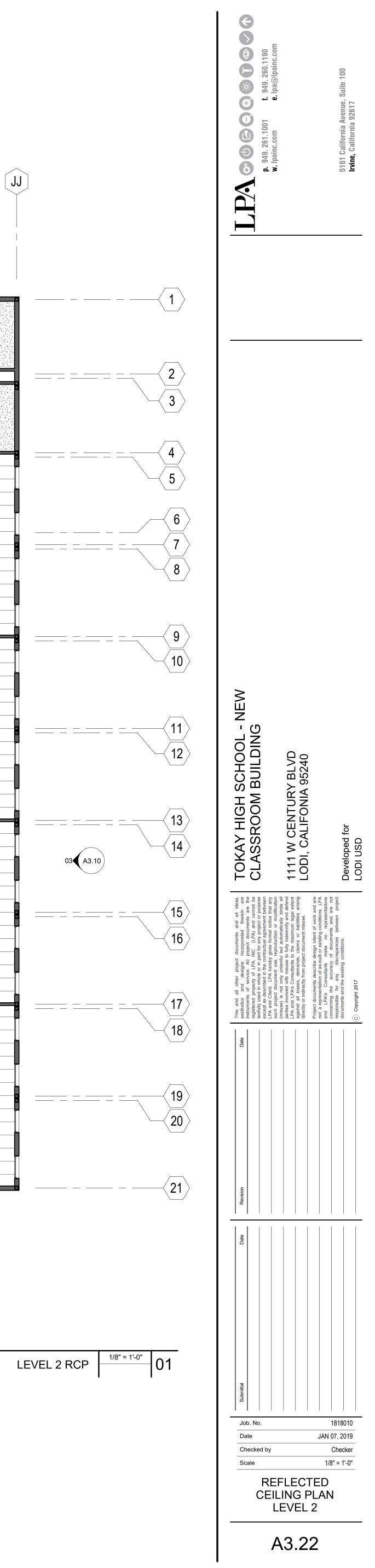


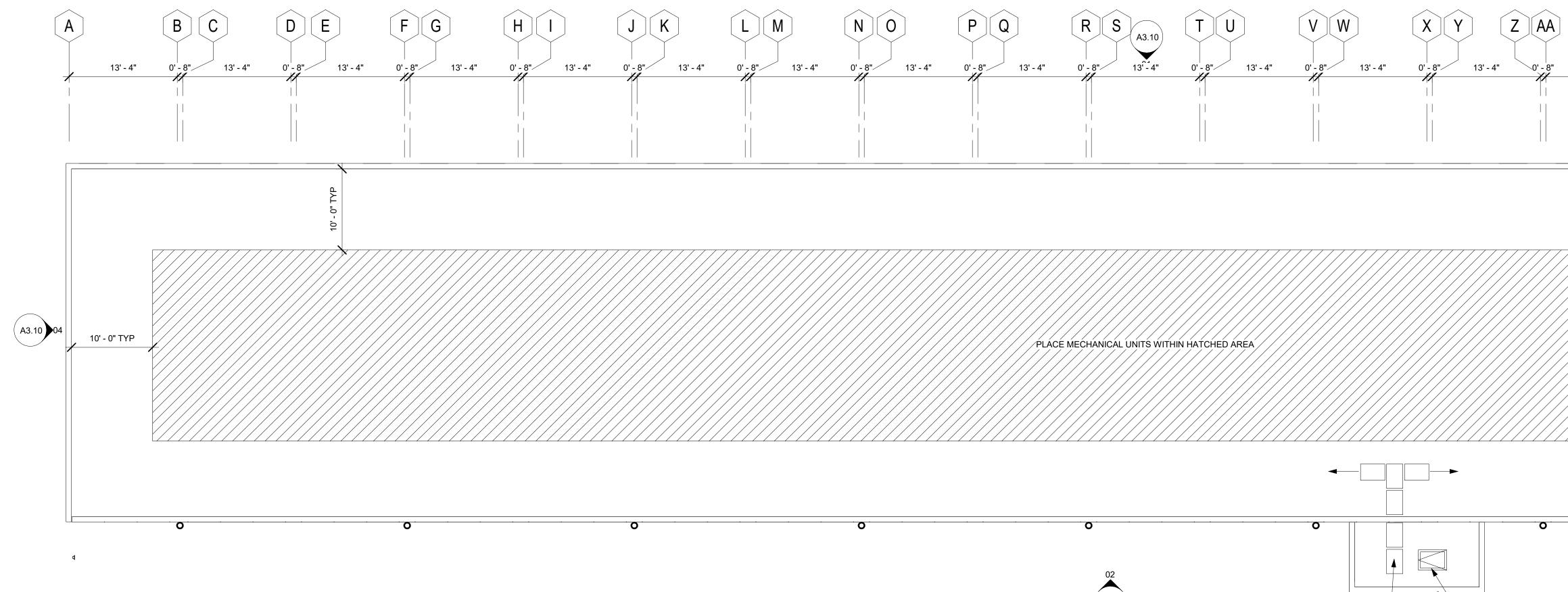




LEC	GEND
	FIBER CEMENT VENTED SOFFIT PANEL SMOOTH, .25" THICK, GALVANIZED FASTENERS, CUSTOM ACCENT PAINT #2 (GRAY)
ΟΤΑ	OPEN TO STRUCTURE ABOVE
	2'X4' ACOUSTICAL CEILING GRID
	GYPSUM BD., PAINTED TYP.
$\odot$	LED 6" RECESSED CAN FIXTURE
	2'X4' LED, LAY-IN FIXTURE
$\vdash \ominus \dashv$	2'X4' LED PENDANT, UTILITY FIXTURE, AT OPEN CEILING CONDITIONS





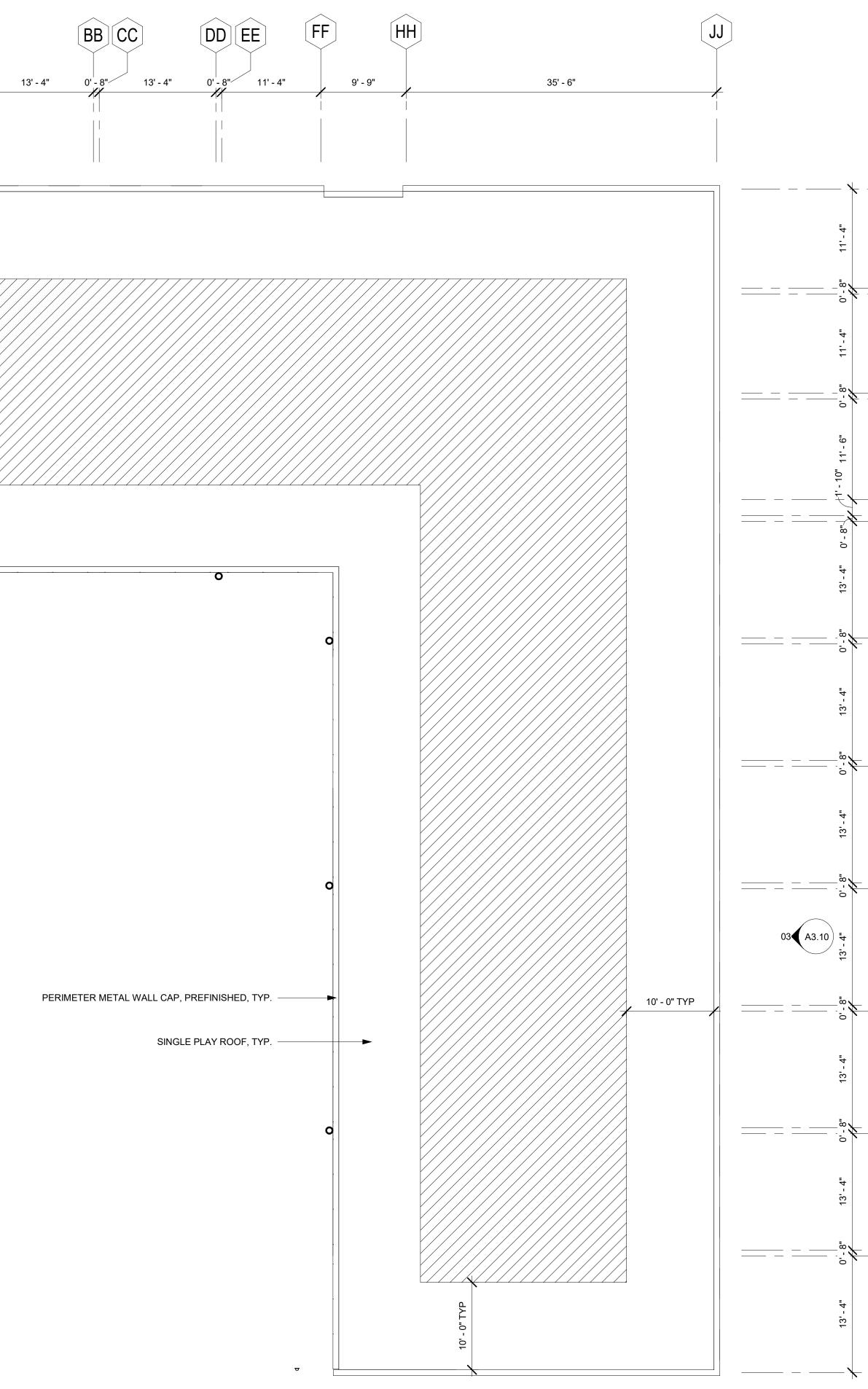


A3.10

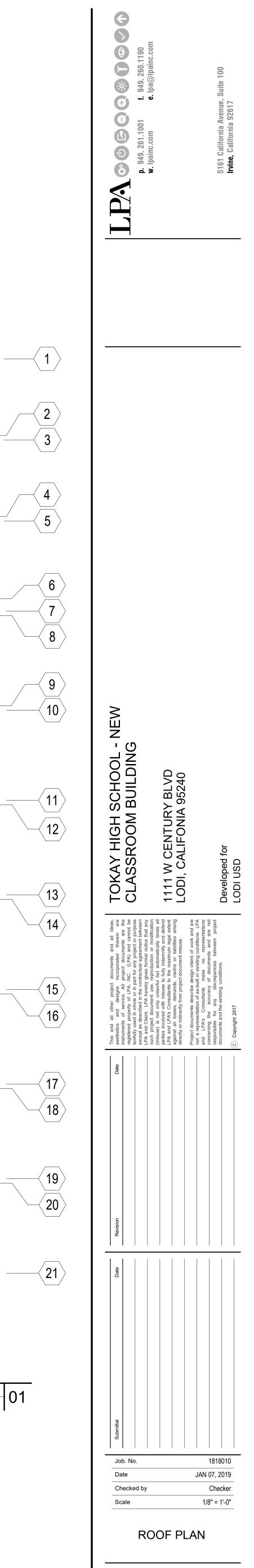
ROOF SERVICE WALK MAT TO EACH MECH. UNIT, TYP. -

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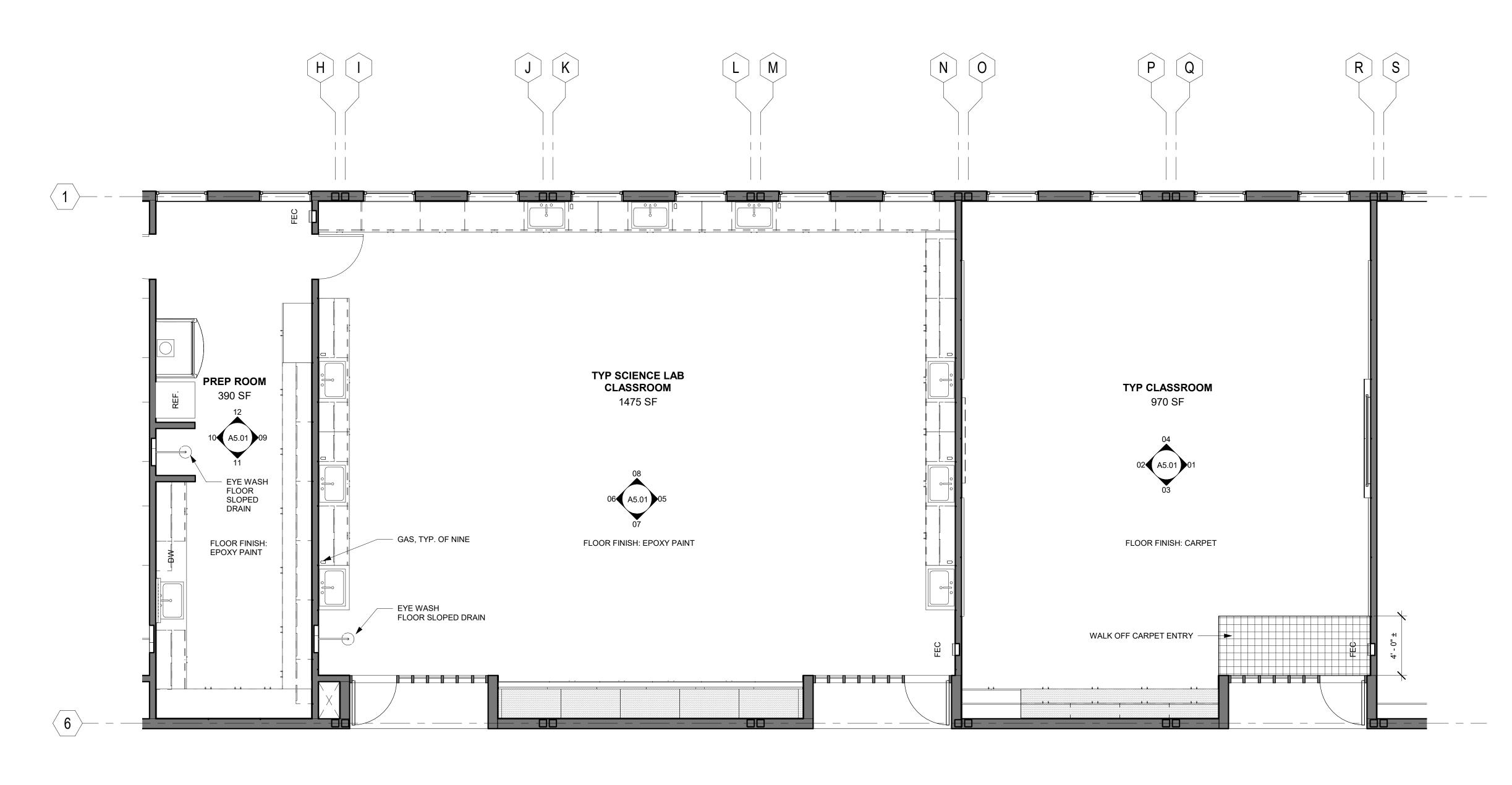
ROOF HATCH 36"X42"

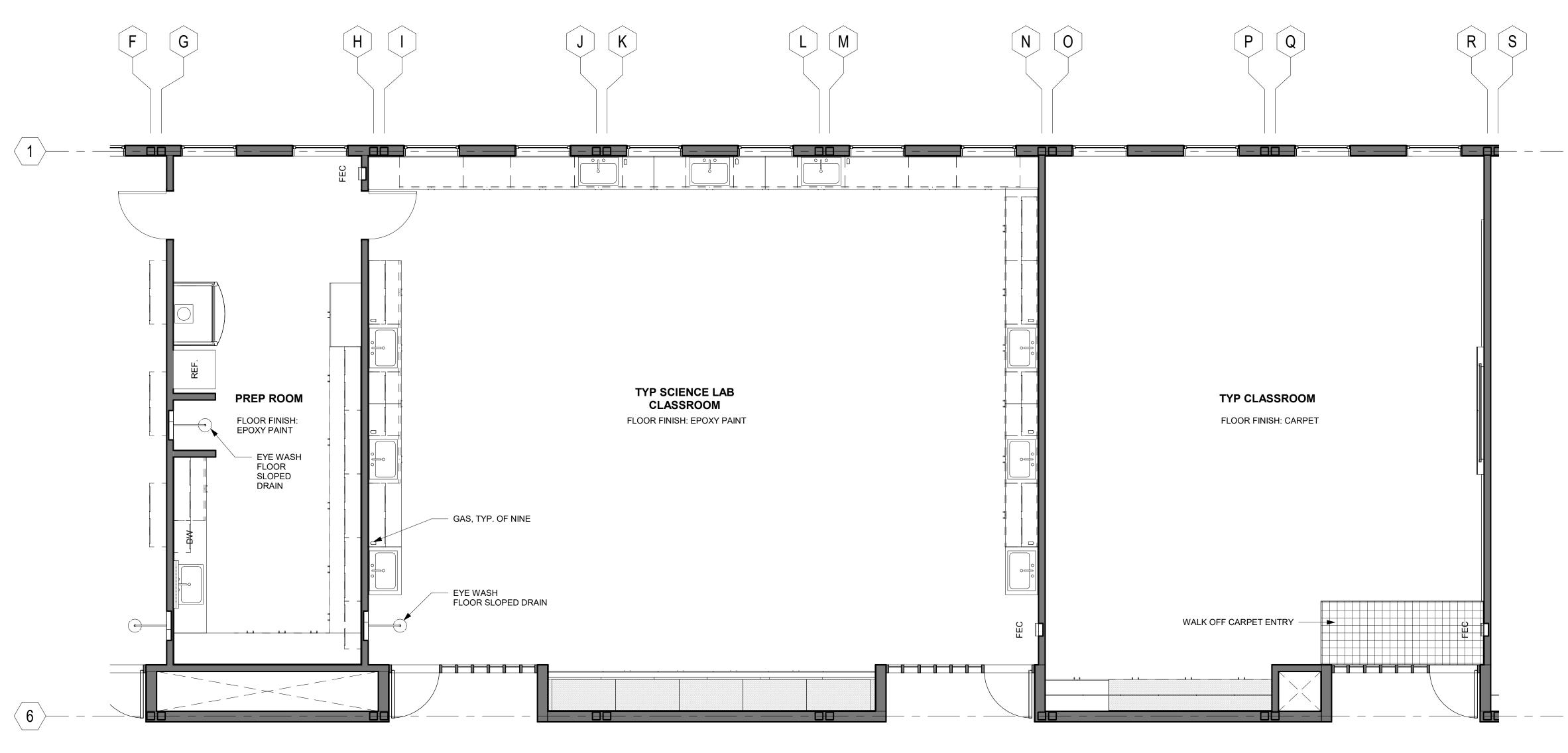


ROOF PLAN 1/8" = 1'-0" 01

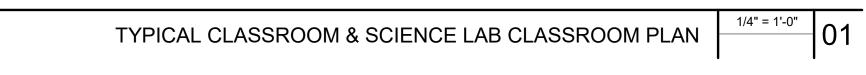


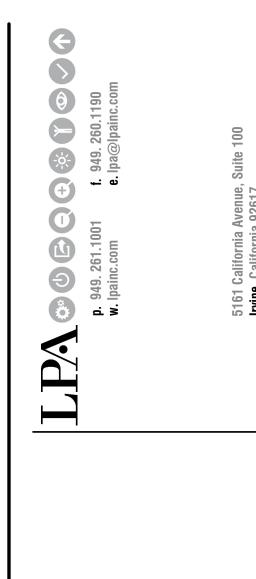
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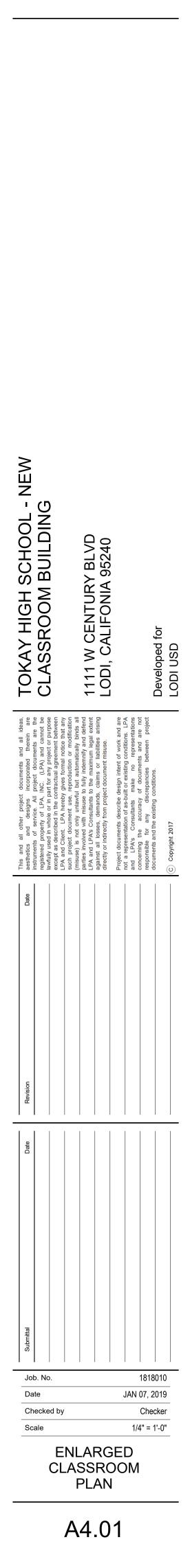


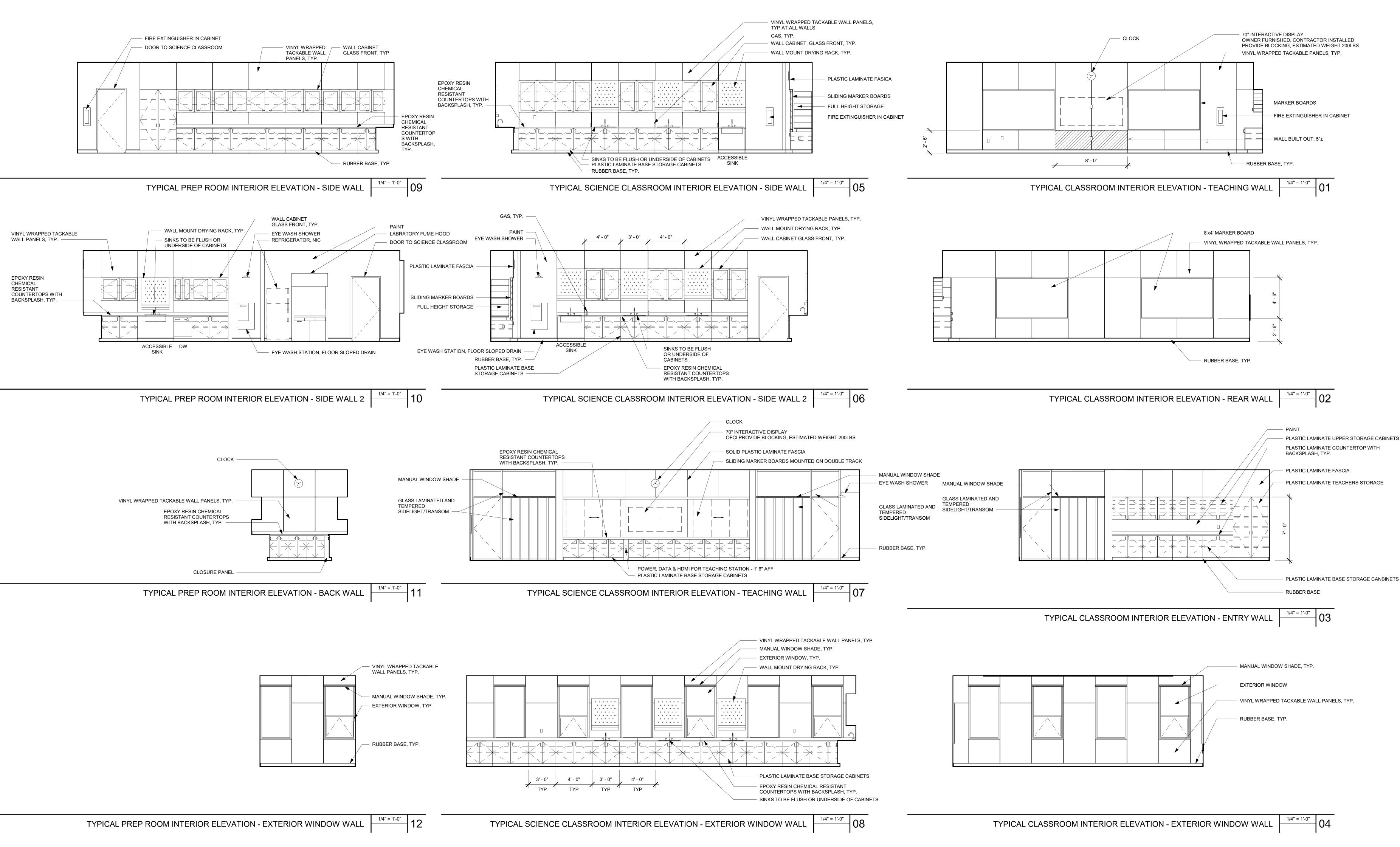


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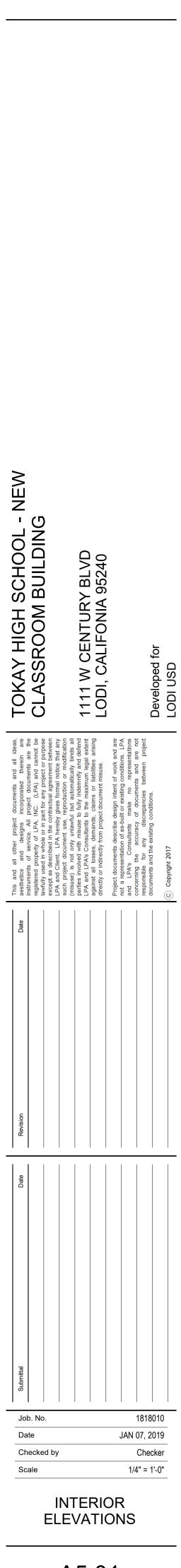




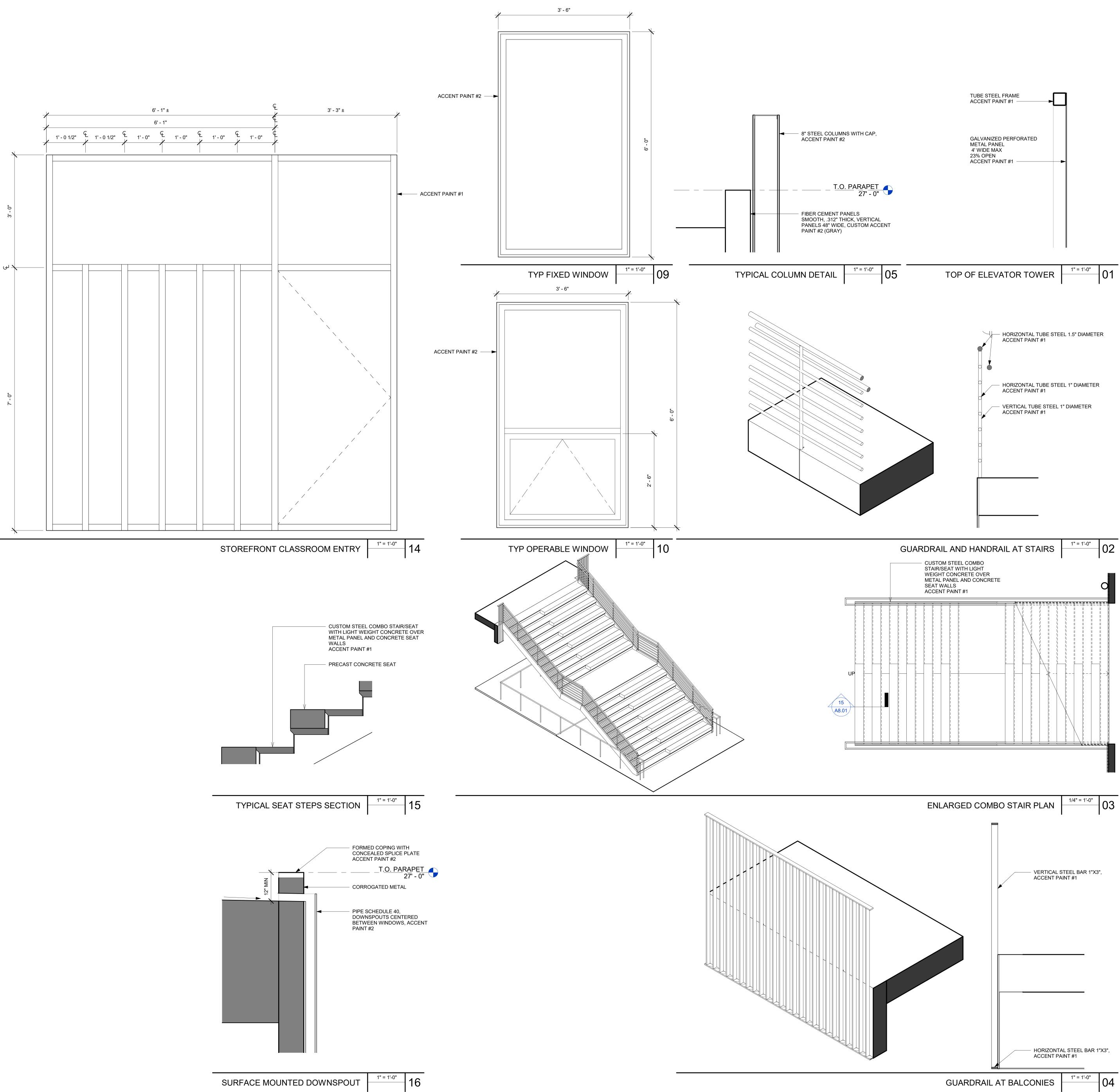
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A5.01









### **ABBREVIATIONS**

## TECHNOLOGY SYMBOL SCHEDULE

AFC AFF	ABOVE FINISHED COUNTER TOP ABOVE FINISHED FLOOR	SYMBOLS	INTERCOM, PAGING SYMBOLS	BACK BOX	MTG. HT. TO C/L	POWER
AFG AP ARCH AWG	ABOVE FINISH GRADE ACCESS POINT ARCHITECTURAL AMERICAN WIRE GAUGE	HPAS	FLUSH WALL MOUNTED PAGING SPEAKER	G	9' AFF, UNDER SOFFIT, UON	N/A
AV BB	AUDIO VISUAL BACK BONE	PAS	CEILING MOUNTED PAGING SPEAKER, INSTALL (1) CATEGORY 6 CABLE.	PER MFG. SPEC.	CEILING	N/A
C	CONDUIT	VC	VOLUME CONTROL	PER MFG. SPEC.	46" AFF	N/A
CAT CFOI CFCI	CATEGORY CONTRACTOR FURNISHED OWNER INSTALLED CONTRACTOR FURNISHED CONTRACTOR INSTALLED	INT ()	INTERCOM STATION, (D)=DOOR STATION (M)=MASTER STATION (S)=SUBMASTER STATION	PER MFG. SPEC.	PER VENDOR DETAIL	N/A
C/L CKT CLG	CENTERLINE CIRCUIT CEILING	PROVIDE	" CONDUIT STUB-UP WITH BUSHING 6" ABOVE ACCESSIE	BLE CEILIN	G UON	

CLG CT	CEILING CABLE TRAY	
CU	COPPER	SY
D	DATA	
(E)	EXISTING TO REMAIN	
EC EF	EMPTY CONDUIT ENTRANCE FACILITY	
EG ELEC	EQUIPMENT GROUND ELECTRICAL	
ELEV EMT	ELEVATOR ELECTRICAL METALLIC TUBING	
EV	ELECTRIC VEHICLE	
FA FAAP	FIRE ALARM FIRE ALARM ANNUNCIATOR PANEL	
FACP FATC	FIRE ALARM CONTROL PANEL FIRE ALARM TERMINAL CABINET	
FARA	FIRE ALARM REMOTE ANNUNCIATOR	
FB FCIP	FLOOR BOX FIRE ALARM CONTROL AND INDICATING PANEL	
FO FOC	FIBER OPTIC FIBER OPTIC CABLE	
100		
GFCI	GROUND FAULT CIRCUIT INTERRUPTING	
G, GND	GROUND	
HT	HEIGHT	
IT IDF	INFORMATION TECHNOLOGY INTERMEDIATE DISTRIBUTION FACILITY	
J, J-BOX	JUNCTION BOX	
MDF MECH	MAIN DISTRIBUTION FRAME MECHANICAL	
MFG	MANUFACTURER	
MM MPOE	MULTI-MODE MAIN POINT OF ENTRANCE	
MTG	MOUNTING	
NEC NEMA	NATIONAL ELECTRICAL CODE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	PR
NEMA NTS	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NOT TO SCALE	
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	S
0.501		

AS	PUBLIC ADDRESS SYSTEM (PAGING)
3	PULL BOX
, PH	PHASE
NL	PANEL
CS	POINT OF SALE
5	PATCH PANEL
٦	PAIR
RT	PORT
VC	POLYVINYL CHLORIDE CONDUIT
ΝR	POWER
0	ROUGH IN ONLY
V	SLEEVE
M	SINGLE MODE
MC	RIGID METAL CONDUIT
CS	STRUCTURED CABLING SYSTEMS
ΜΗ	SPECIAL MOUNTING HEIGHT

OUTSIDE PLANT

OWNER FURNISHED OWNER INSTALLED

OFOI

OSP

SMH	SPECIAL MOUNTING HEIGHT
SPEC	SPECIFICATION
SYS	SYSTEM
TEL TELE	TELEPHONE TELECOMMUNICATIONS

GB	TELECOMMUNICATIONS GROUNDING BUS BAR
MGB	TELECOMMUNICATIONS MAIN GROUNDING BUS BAR
Р	TAMPER PROOF
R	TELECOMMUNICATIONS ROOM
YP	TYPICAL
V	TELEVISION

VOICE VOLUME CONTROL VC

UON UNLESS OTHERWISE NOTED UNDERGROUND PULL BOX UPB

W WALL

WAP WIRELESS ACCESS POINT WEATHERPROOF WP

ovide ^	1" CONDUIT STUB-UP WITH BUSHING 6" ABOVE ACCESSIE	BLE CEILIN	IG UON	
MBOLS	SECURITY SYMBOLS	BACK BOX	MTG. HT. TO C/L	POWER
MD	WALL MOUNTED MOTION DETECTOR	PER MFG. SPEC.	8' 6" AFF	N/A
MD	CEILING MOUNTED MOTION DETECTOR	PER MFG. SPEC.	CEILING	N/A
K	KEYPAD	PER MFG. SPEC.	46" AFF	N/A
>H<	INTRUSION SECURITY HORN	MFG. SPEC.	11' AFF	N/A
CR	CARD READER, INSTALL (1) 3/4" CONDUIT STUB UP 6" ABOVE ACCESSIBLE CEILING SPACE.	A	46" AFF	N/A
CRL	CARD READER LOCK	PER MFG. SPEC.	PER VENDOR DETAIL	N/A
EH	EMERGENCY HELP PUSHBUTTON, REFER TO CUT SHEET FOR MOUNTING HARDWARE DIMENSIONS.	В	46" AFF	N/A
EA	EMERGENCY HELP BUTTON ANNUNCIATOR	PER MFG. SPEC.	46" AFF	N/A
DP	DOORBELL PUSHBUTTON	PER MFG. SPEC.	46" AFF	N/A
PB	PANIC BUTTON	PER MFG. SPEC.	SEE PLANS	N/A
DC	DOOR CONTACT ALARM SENSOR, COORDINATE WITH DOOR HARDWARE. PROVIDE PATHWAY TO DOOR JAMB	PER MFG. SPEC.	PER VENDOR DETAIL	N/A
СК	CARD READER WITH KEYPAD	PER MFG. SPEC.	PER VENDOR DETAIL	N/A
сст∨⊲	CCTV CAMERA. INSTALL (1) CATEGORY 6 CABLE	G	9' AFF, UNDER SOFFIT, UON	PER MFG. SPEC.
	" 1" CONDUIT STUB-UP WITH BUSHING 6" ABOVE ACCESSIE		G UON	

PROVIDE 1" CONDUIT STUB-UP WITH BUSHING 6" ABOVE ACCESSIBLE CEILING UON

SYMBOLS	CLOCK SYMBOLS	BACK BOX	MTG. HT. TO C/L	POWE
Ю	DIGITAL IP CLOCK: (1) CATEGORY 6 CABLE.	PER MFG. SPEC.	8' 6" AFF	N/A
<u>ک</u>	BATTERY CLOCK OPERATED OFCI PART NO. E56BAQD304BF-J18. PAS SPEAKER (1) CATEGORY 6 CABLE. INSTALL (1) 1" CONDUIT TO ACCESSIBLE CEILING SPACE	PER MFG. SPEC.	8' 6" AFF	N/A
PROVIDE	1" CONDUIT STUB-UP WITH BUSHING 6" ABOVE ACCESSIE	BLE CEILIN	IG UON	

REFERENCE	TECHNOLOGY SYSTEMS BACKBOX LEGEND
А	RACO #695 OR EQUAL: 1-GANG BACKBOX,3-3/4" HIGH, 1-31/32" WIDE & 3-1/2" DEEP.
В	RACO #696 OR EQUAL: 2-GANG BACKBOX, 3-3/4" HIGH, 3-3/8" WIDE & 3-1/2" DEEP.
С	RACO #697 OR EQUAL: 3-GANG BACKBOX, 3-3/4" HIGH, 5-19/32" WIDE & 3-1/2" DEEP.
D	RACO #698 OR EQUAL: 4-GANG BACKBOX, 3-3/4" HIGH, 7-13/32" WIDE & 3-1/2" DEEP.
E	RACO #699 OR EQUAL: 5-GANG BACKBOX, 3-3/4" HIGH, 9-7/32" WIDE & 3-1/2" DEEP.
F	STEEL CITY #72171 OR EQUAL: 4-11/16" HIGH, 4-11/16" WIDE & 2-1/8" DEEP. BACKBOX WITH STEEL CITY #72-C-14 SINGLE DEVICE COVER.
G	RANDAL #TB-55057: 5 IN. SQUARE X 2.875 IN. DEEP METAL TELECOM BRACKET BOX RANDAL #D-51G034 3/4" SINGLE GANG EXTENSION RING
J	SPIDER BOX AFB-501-8 GANG FLOOR BOX. PROVIDE (1) 1-1/2" CONDUITS FOR LOW VOLTAGE SYSTEMS CABLING.

VOICE AND DATA SYMBOLS	BACK BOX	MTG. HT. TO C/L	POWER
UNIVERSAL CABLING OUTLET. STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES. NO DISTINCTION BETWEEN VOICE AND DATA.	G	18" AFF	N/A
UNIVERSAL CABLING OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.	G	18" AFF	N/A
UNIVERSAL CABLING OUTLET ABOVE COUNTER. STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES.	G	6" AFC	N/A
UNIVERSAL CABLING OUTLET ABOVE COUNTER. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.	G	6" AFC	N/A
UNIVERSAL CABLING FLOOR OUTLET. STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES.	PER MFG. SPEC.	FLOOR	N/A
UNIVERSAL CABLING FLOOR OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.	PER MFG. SPEC.	FLOOR	N/A
UNIVERSAL CABLING CEILING OUTLET. STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES. INCLUDE (1) 2-PORT SUFACE MOUNT BOX.	PER MFG. SPEC.	ABOVE CEILING	N/A
UNIVERSAL CABLING CEILING OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.	PER MFG. SPEC.	CEILING	N/A
CEILING MOUNTED (OFCI) WIRELESS ACCESS POINT. INSTALL (2) CATEGORY 6A CABLES USING A UNIVERSAL TOOL-FREE PLUG.	N/A	CEILING	N/A
WALL MOUNTED (OFCI) WIRELESS ACCESS POINT. INSTALL (2) CATEGORY 6A CABLES USING A UNIVERSAL TOOL-FREE PLUG.	G	9' AFF, UNDER SOFFIT, UON	N/A
VOICE OUTLET. (1) CATEGORY 6 CABLE.	G	18" AFF	N/A
WALL TELEPHONE OUTLET. (1) CATEGORY 6 CABLE.	G	46" AFF	N/A
DEDICATED ATM MODEM OUTLET. (1) CATEGORY 6 CABLE.	G	18" AFF	N/A
	<ul> <li>UNIVERSAL CABLING OUTLET.</li> <li>STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES.</li> <li>NO DISTINCTION BETWEEN VOICE AND DATA.</li> <li>UNIVERSAL CABLING OUTLET.</li> <li>(#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.</li> <li>UNIVERSAL CABLING OUTLET ABOVE COUNTER.</li> <li>STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES.</li> <li>UNIVERSAL CABLING OUTLET ABOVE COUNTER.</li> <li>(#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.</li> <li>UNIVERSAL CABLING FLOOR OUTLET.</li> <li>STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES.</li> <li>UNIVERSAL CABLING FLOOR OUTLET.</li> <li>(#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.</li> <li>UNIVERSAL CABLING FLOOR OUTLET.</li> <li>(#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.</li> <li>UNIVERSAL CABLING CEILING OUTLET.</li> <li>(#) = NUMBER OF CATEGORY 6 CABLES, INCLUDE (1) 2-PORT SUFACE MOUNT BOX.</li> <li>UNIVERSAL CABLING CEILING OUTLET.</li> <li>(#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.</li> <li>CEILING MOUNTED (OFCI) WIRELESS ACCESS POINT.</li> <li>INSTALL (2) CATEGORY 6A CABLES USING A UNIVERSAL TOOL-FREE PLUG.</li> <li>WALL MOUNTED (OFCI) WIRELESS ACCESS POINT.</li> <li>INSTALL (2) CATEGORY 6A CABLES USING A UNIVERSAL TOOL-FREE PLUG.</li> <li>VOICE OUTLET.</li> <li>(1) CATEGORY 6 CABLE.</li> <li>WALL TELEPHONE OUTLET.</li> <li>(1) CATEGORY 6 CABLE.</li> <li>DEDICATED ATM MODEM OUTLET.</li> </ul>	UNIVERSAL CABLING OUTLET. STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES. NO DISTINCTION BETWEEN VOICE AND DATA.GUNIVERSAL CABLING OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.GUNIVERSAL CABLING OUTLET ABOVE COUNTER. STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES.GUNIVERSAL CABLING OUTLET ABOVE COUNTER. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.GUNIVERSAL CABLING OUTLET ABOVE COUNTER. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.GUNIVERSAL CABLING FLOOR OUTLET. STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES.PER MFG. SPEC.UNIVERSAL CABLING FLOOR OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.PER MFG. SPEC.UNIVERSAL CABLING CEILING OUTLET. STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES. INCLUDE (1) 2-PORT SUFACE MOUNT BOX.PER MFG. SPEC.UNIVERSAL CABLING CEILING OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES, INCLUDE (1) 2-PORT SUFACE MOUNT BOX.PER MFG. SPEC.UNIVERSAL CABLING CEILING OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES, INCLUDE (1) 2-PORT SUFACE MOUNT BOX.PER MFG. SPEC.UNIVERSAL CABLING CEILING OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.PER MFG. SPEC.UNIVERSAL CABLING CEILING OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES USING A UNIVERSAL TOOL-FREE PLUG.GWALL MOUNTED (OFCI) WIRELESS ACCESS POINT. INSTALL (2) CATEGORY 6 CABLES USING A UNIVERSAL TOOL-FREE PLUG.GWALL MOUNTED (OFCI) WIRELESS ACCESS POINT. (1) CATEGORY 6 CABLE.GVOICE OUTL	VOICE AND DATA SYMBOLSDARKOXUNIVERSAL CABLING OUTLET. STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES. NO DISTINCTION BETWEEN VOICE AND DATA.G18" AFFUNIVERSAL CABLING OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION IS (2) CATEGORY 6G6" AFCUNIVERSAL CABLING OUTLET ABOVE COUNTER. STANDARD CONFIGURATION IS (2) CATEGORY 6G6" AFCUNIVERSAL CABLING OUTLET ABOVE COUNTER. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.G6" AFCUNIVERSAL CABLING OUTLET ABOVE COUNTER. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.FLOORUNIVERSAL CABLING FLOOR OUTLET. STANDARD CONFIGURATION IS (2) CATEGORY 6 CABLES.PER MFG. SPEC.UNIVERSAL CABLING FLOOR OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES, OTHER THAN STANDARD CONFIGURATION.PER MFG. SPEC.UNIVERSAL CABLING FLOOR OUTLET. (#) = NUMBER OF CATEGORY 6 CABLES, INCLUDE (1) 2-PORT SUFACE MOUNT BOX.PER 

PROVIDE MIN. 1" CONDUIT STUB-UP WITH BUSHING 6" ABOVE ACCESSIBLE CEILING UON

SYMBOLS	AUDIOVISUAL SYMBOLS	BACK BOX	MTG. HT. TO C/L	POWER
AVC	AV CONTROLS. INSTALL (1) CATEGORY 6 CABLE TO PROJECTOR. INSTALL (1) 1" CONDUIT. STUB UP 6" ABOVE ACCESSIBLE CEILING SPACE.	G	46" AFF	N/A
AV1	AV INPUT PLATE. INSTALL (1) HDMI CABLE, INSTALL (1) 1.25" CONDUIT STUB UP 6" ABOVE ACCESSIBLE CEILING SPACE.	G	18" AFF	N/A
AV2	AV / DATA INPUT PLATE. INSTALL (1) HDMI CABLE TO WALL MOUNT TV, INCLUDE (2) CATEGORY 6 CABLE FROM IDF TO WALL OUTLET. COORDINATE HEIGHT WITH ELECTRICAL. INSTALL (1) 1.25" CONDUIT STUB UP 6" ABOVE ACCESSIBLE CEILING SPACE.	G	18" AFF	N/A
AV3	EMPTY		PER VENDOR DETAIL	N/A
S	CEILING MOUNTED AV SPEAKER. CONNECT CABLING TO AUDIO DEVICE LOCATED IN ROOM.	PER MFG. SPEC.	CEILING	N/A
ŀS	FLUSH WALL MOUNTED AV SPEAKER. CONNECT CABLING TO AUDIO DEVICE LOCATED IN ROOM.	PER MFG. SPEC.	8' 6" AFF	N/A
	CEILING MOUNTED MICROPHONE	PER MFG. SPEC.	CEILING	N/A
TV1	OFCI - WALL-MOUNTED TV INSTALL (1) CATEGORY 6 INSTALL (1) 1.25" CONDUIT STUB UP 6" ABOVE ACCESSIBLE CEILING SPACE.		60" AFF	N/A
TV2	EMPTY	G	PER VENDOR DETAIL	N/A
Μ	EMPTY	PER MFG. SPEC.	TABLE	N/A

PROVIDE 1" CONDUIT STUB-UP WITH BUSHING 6" ABOVE ACCESSIBLE CEILING, UON

#### TECHNOLOGY GENERAL NOTES

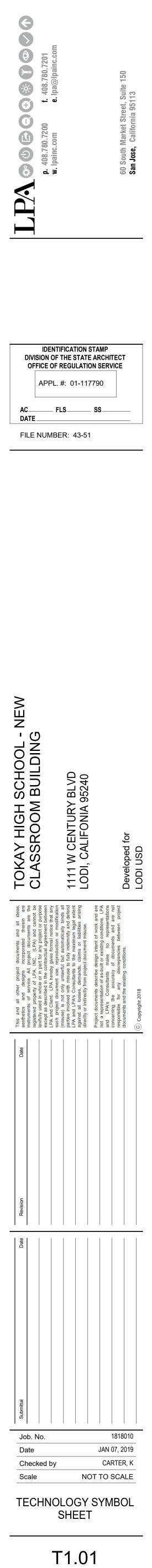
1.	ALL SYMBOLS ARE NOT NECESSARILY SHOWN ON DRAWINGS.
2.	COMMUNICATION AND ELECTRICAL CONTRACTORS TO CONFORM TO STATE AND LOCAL CODES FOR THE ROUGH-IN AND INSTALLATION OF COMMUNICATION SYSTEMS. THIS INCLUDES, BUT NOT LIMITED TO, MEETING CODES CONCERNING CONDUIT, CABLE (PLENUM OR NON-PLENUM), CABLE INSTALLATION, DEVICE LOCATIONS, WALL PENETRATIONS, AND FIREPROOFING SLEEVES AND CONDUITS.
3.	ELECTRICAL CONTRACTOR TO CONFIRM ALL ROUGH-IN, AND EQUIPMENT LOCATION REQUIREMENTS WITH THE COMMUNICATION CONTRACTOR.
4.	GENERAL CONTRACTOR TO COORDINATE STRUCTURAL MOUNTING REQUIREMENTS WITH COMMUNICATION CONTRACTOR. THIS INCLUDES, BUT IS NOT LIMITED TO, CEILING, WALL, AND FLOOR MOUNTED EQUIPMENT.
5.	GENERAL CONTRACTOR TO COORDINATE INSTALLATION SCHEDULE WITH COMMUNICATION CONTRACTOR.
6.	COMMUNICATION CONTRACTOR TO RECEIVE AND STORE ALL QUIPMENT AND MATERIALS AND DELIVER THEM TO THE CONSTRUCTION SITE ON A JUST-IN-TIME BASIS. PROVIDE STORAGE FOR COMMUNICATIONS EQUIPMENT THAT NEEDS TO REMAIN ON-SITE.
7.	ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL GROUNDING AND BONDING SYSTEM IN COMMUNICATION EQUIPMENT ROOMS AND IT EQUIPMENT SERVER ROOMS. USE A MINIMUM #6 AWG STRANDED COPPER BONDING CONDUCTOR TO BE INSTALLED AROUND THE PERIMETER OF THESE ROOMS.
8.	BACKBOX REQUIREMENTS ARE FOR PLANNING PURPOSES ONLY. GENERAL CONTRACTOR TO COORDINATE ACTUAL BACKBOX REQUIREMENTS WITH VENDOR SHOP DRAWINGS.
9.	COORDINATE WITH ARCHITECTURAL ELEVATIONS.
10.	CONDUITS TO, (a) CONTAIN NO CONTINUOUS SECTIONS LONGER THAN 30M (98 FT.), AND, (b) CONTAIN NO MORE THAN (2) 90° BENDS OR (1) REVERSE BEND WITHOUT INSTALLING A PULLBOX. CONDUITS IN PLACE OF

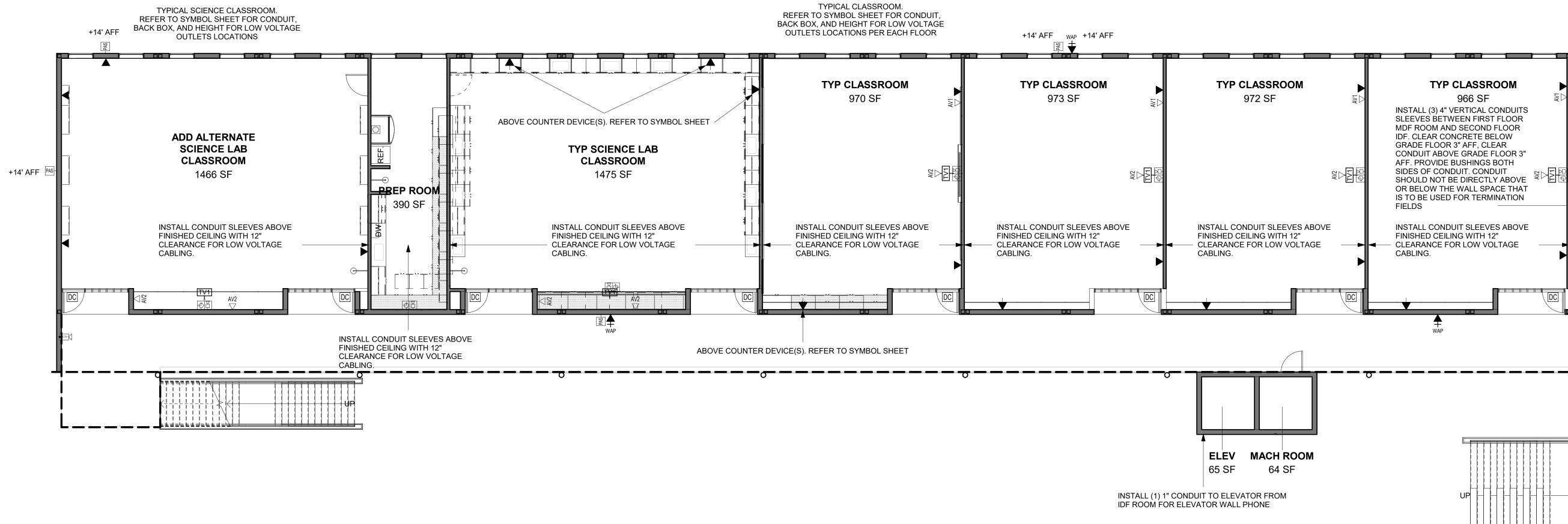
- PULLBOXES ARE UNACCEPTABLE. 11. CONDUITS TO CONTAIN PLASTIC OR NYLON PULL TAPE RATED AT 200 LBS.
- WITH A MINIMUM OF 5 FEET OF EXTRA PULL TAPE COILED AT EACH END. CONDUIT BEND RADIUS TO BE (a) A MINIMUM OF 6 TIMES THE INTERNAL 12 CONDUIT DIAMETER FOR CONDUITS 2" IN DIAMETER OR LESS, AND, (b) 10 TIMES THE INTERNAL CONDUIT DIAMETER FOR CONDUITS MORE THAN 2" IN DIAMETER.
- 13. TERMINATE CONDUITS AND SLEEVES THAT PROTRUDE THROUGH STRUCTURAL FLOORS 2"-3" ABOVE FLOOR SURFACE.
- 14. INSTALL BUSHINGS AND BELL ENDS ON CONDUITS, AS REQUIRED .
- 15. FLEX CONDUIT IS GENERALLY UNACCEPTABLE FOR USE AS COMMUNICATIONS CONDUIT EXCEPT AT SEISMIC JOINTS AND AS APPROVED IN WRITING BY ENGINEER.
- SLAB OR IN-SLAB CONDUITS TO BE INSTALLED IN A MANNER THAT PREVENTS WATER INFILTRATION OF CONDUIT. IT IS CONTRACTOR'S RESPONSIBILITY TO ENSURE GROUND WATER, RAIN WATER OR CONSTRUCTION WATER IS PREVENTED FROM ENTERING AND/OR REMOVED FROM THE CONDUITS PRIOR TO PLACEMENT OF COMMUNICATIONS CABLES. SEE SITE UTILITY PLAN NOTES FOR ADDITIONAL UNDERGROUND COMMUNICATIONS CONDUIT SEALING REQUIREMENTS.
- 17. PULLBOXES TO BE SIZED AND INSTALLED PER ANSI/TIA 569C. PULLBOXES FOR UNDER FLOOR CONDUIT RUNS ARE NOT PERMITTED UNLESS OTHERWISE NOTED. PULLBOXES FOR OVERHEAD CONDUIT RUNS TO BE LOCATED ABOVE ACCESSIBLE CEILINGS WITHIN THE ACCESSIBLE CEILING SPACE AND SUPPORTED INDEPENDENTLY FROM STRUCTURE AND CONDUIT SUPPORTS. PULLBOXES FOR ROOF MOUNTED OR EXTERIOR ABOVE GRADE APPLICATIONS TO BE NEMA 3 RATED. PULLBOXES TO BE SIZED ACCORDING TO THE FOLLOWING:

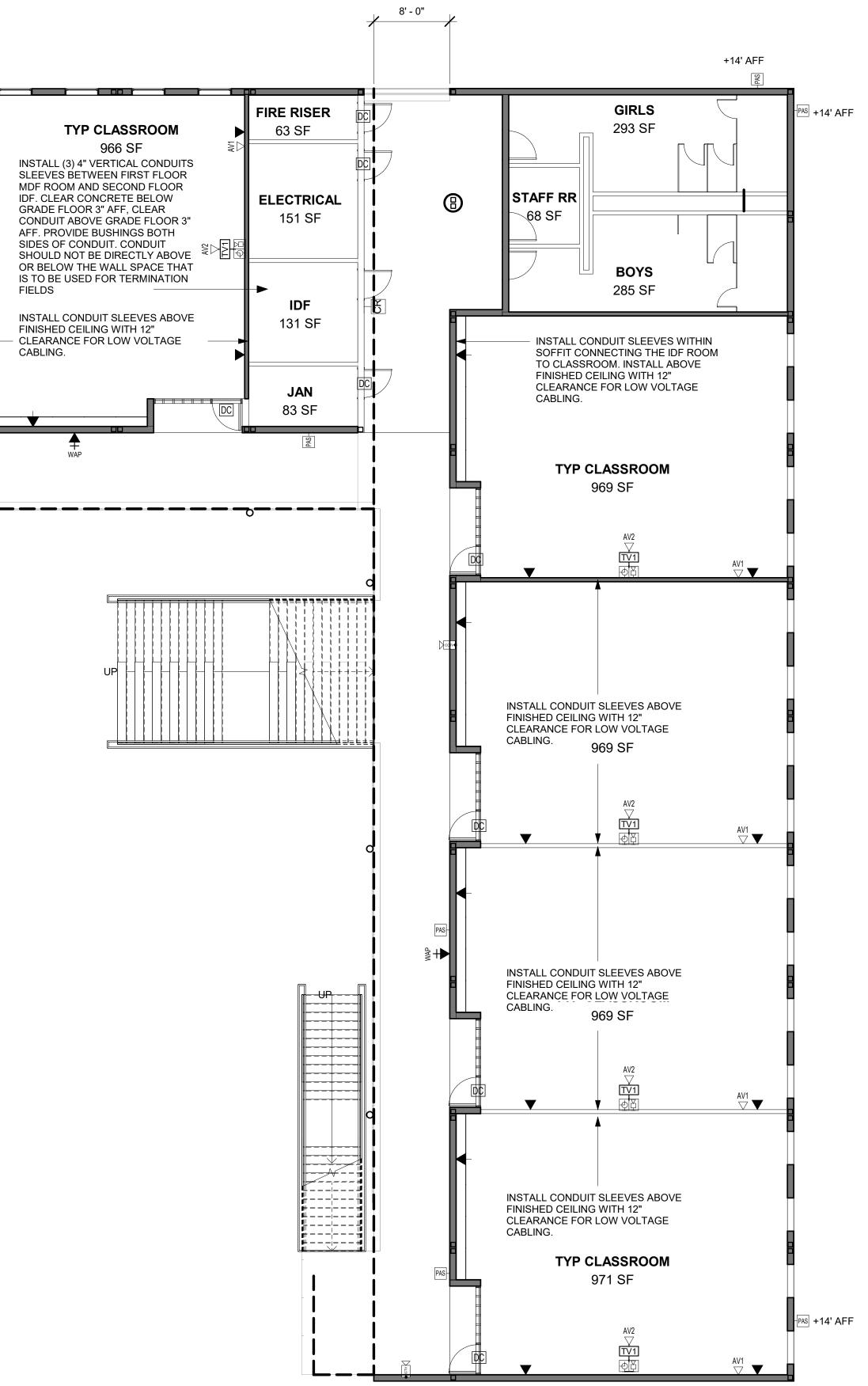
CONDUIT SIZE	WIDTH	LENGTH	DEPTH	WIDTH INCREASE PER ADDITIONAL CONDUIT
1"	4"	16"	3"	2"
2"	8"	36"	4"	5"
3"	12"	48"	5"	6"
4"	15"	60"	8"	8"

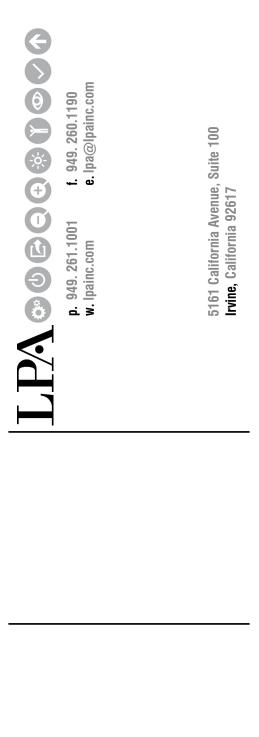
FOR OTHER CONDUIT SIZES REFER TO ANSI/TIA 569C (LATEST PUBLISHED EDITION).

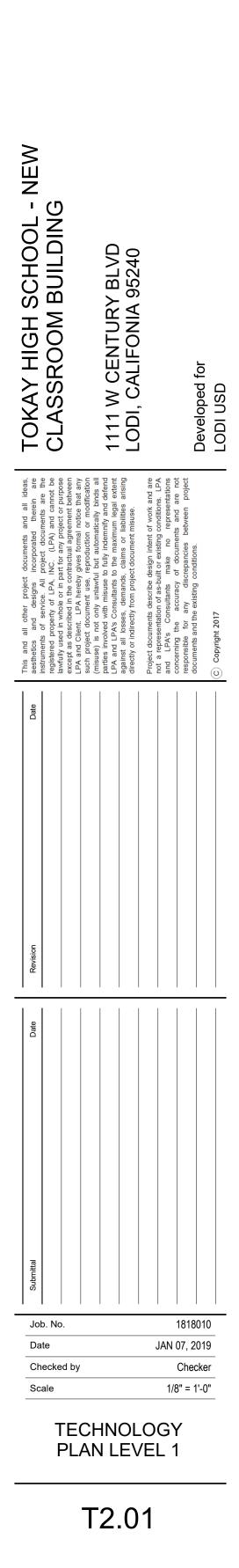
- 18. CONDUITS TO EXIT PULLBOX ON THE WALL OPPOSITE THE WALL ENTERED.
- 20. PROVIDE LABELING OF EACH CONDUIT PER GENERAL ELECTRICAL
- SPECIFICATIONS. 21. COORDINATE MOUNTING DIMENSIONS FOR ELECTRICAL DEVICES AND
- SWITCHES WITH ARCHITECTURAL INTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
- 22. COORDINATE PENETRATIONS WITH STRUCTURAL PLANS AND DETAILS.
- 23. ATTACH CEILING MOUNTED DEVICES TO FINISHED CEILING. REFER TO REFLECTIVE CEILING PLAN FOR HEIGHT. U.O.N.

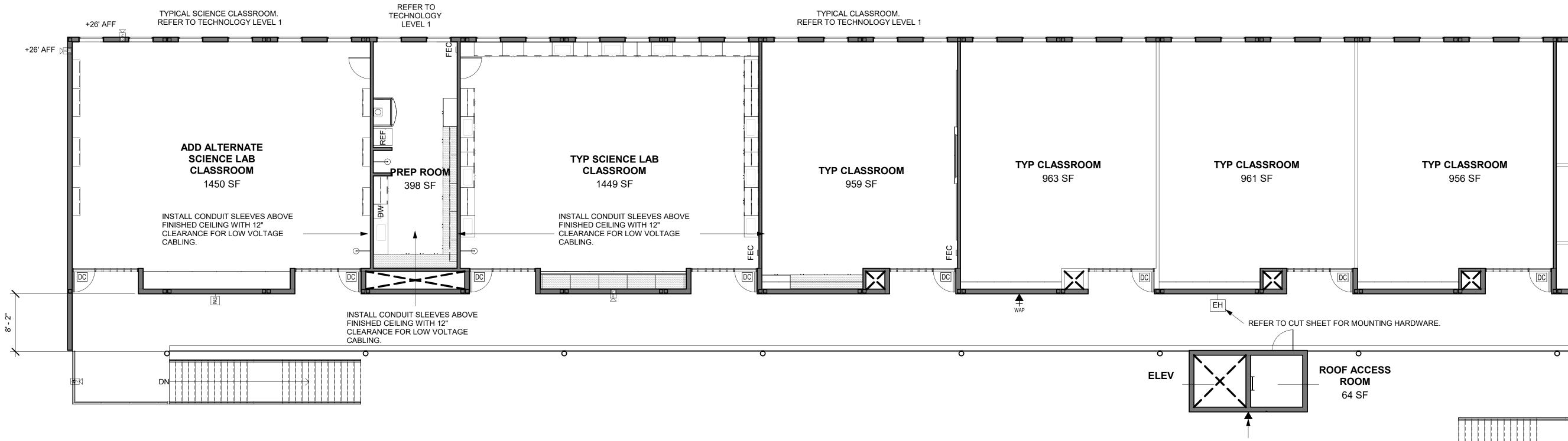












+25' AFF FOR FUTURE DIGITAL DISPLAY

