BHM Construction, LLC.

License # 900404

221 Gateway Rd West, Suite 405 Napa, Ca. 94558 (707) 643-4580-Tel (707) 643-4581-Fax

Project: MLK Neveda Campus Project – Increment #2 & 3 Bid Package

BID CLARIFICATION #10

- 1. See attached Pre-bid RFI #20 Increment 2 Single Line Diagram.
- 2. See attached Pre-bid RFI #21 Increment 2 & 3 Acoustical Ceiling and Wall Panels.

REQUEST FOR INFORMATION (PB)

PROJECT NAME: MLK Nevada Campus Reconstruction Project			JOB NO. 226		
	Increment #2	& 3 	Pre Bid RFI NO. 020		
TO: Kevin Marer		FROM:			
JK Architecture Engineering. 300 Orchard City Drive, Suite 140 Campbell, CA 95008		BHM Construction, Inc. 221 Gateway Road W, Ste.405, Napa, CA 94558			
CC: Jason Cave					
Greystone West Compan					
SUBJECT: Increment 2	Single Line				
CATEGORY: Power Syste ♣NEED ADDITIONAL INFO					
Spec Section: 26 05 73	PARAGRAPH NO:.	DRAWING NO: E6.1-2	DETAIL:		
DISCRIPTION:					
_	or footages used to calculate tent 2 per drawing E6.0.1-2	<u> </u>	ociated with the feeders on		
_	crement 1 site plan it was dorrect and are significantly		<u> </u>		
Please confirm feeder lengths for Increment 2 are to be measured per electrical site plan provided as part of the increment 1 drawing set.					
Please advise.					
Yes, the contractor nee	eds to measure the linea	ar footages from the site	plan.		
Linear footage and voltage drop calcs have been revised per latest increment 1 sheet E0.0.4-1 electrical site plan. Refer to attached sheet E6.0.1-2. The linear footage used to calculate voltage drop on the feeders are estimated for plan check purposes and diagrammatic in nature. The contractor shall verify with actual linear footages during construction.					
Juan Hidalgo LP Consulting Enginee 04/02/2024	ers				
COST IMPACT: TBD	\$ EST. TIME IMPACT:	EST.TBD_			
CONTRACTOR SIGNATURE:		DATE ISSUED: 4.01.24	DATE REQUIRED:04/02/24		

RESPONSE:	
□ ATTACHMENTS:	
ARCHITECT SIGNATURE:	DATE:

FOOTNOTES:

- 1. SEE ONE-LINE DIAGRAM FEEDER SCHEDULE, ON SHEET E7.0.1-2.
- 2. INSTALL BETWEEN TRANSFORMER AND SECONDARY OVERCURRENT PROTECTION PER NEC 250.102.
- 3. CONNECT TO THE BUILDING OR STRUCTRE GROUNDING ELECTRODE SYSTEM PER NEC 250.30.
- 4. WEIGHT SHOWN ARE FROM SQUARE D TRANSFORMERS. ACTUAL WEIGHT DEPENDS FROM MANUFACTURER TRANSFORMER, YEAR MANUFACTURED, TEMP RISE, COIL CONSTRUCTION, NEMA CLASSIFICATION.

- A. ALL CONDUCTORS SHALL BE DUAL RATED THHN/THWN, 90°/75°, 600V, COPPER WHERE INSTALLED UNDERGROUND OR IN WET LOCATIONS.
- B. CONDUCTOR SIZES ARE BASED ON 2020 NEC TABLE 310.16, COPPER.

BUILDING "B":

- C. ALL CIRCUITS 100A AND LOWER ARE SIZED FROM THE 60° COLUMN (NEC 110.14(C)). ALL OTHER CIRCUITS ARE SIZED FROM THE 75° COLUMN.
- D. WHERE UNGROUNDED CONDUCTORS ARE INCREASED FROM THE MINIMUM SIZE DUE TO VOLTAGE DROP, THE EGC SHALL BE UPSIZED PROPORTIONATELY ACCORDING TO CIRCULAR MIL (NEC 250.122(B)).

NOTE: SEE SHEET E7.0.1-2 FOR THE ONE LINE DIAGRAM FEEDER SCHEDULE

INTERIOR LIGHTING		Q. FT. @	3.00	_	ER SQ. FT.		58.34	KVA
EXTERIOR LIGHTING		Q. FT. @	0.30		ER SQ. FT.		2.40	KVA
PARKING LIGHTING		Q. FT. @		_	ER SQ. FT.		4.50	KVA
SITE LIGHTING	<u>8,000</u>	Q. FT. @	0.30	WATTS P	ER SQ. FT.		2.40	KVA
25% CONTI	NUOS LOAD FA	ACTOR					16.31	KVA
SHOW WINDOW (NEC	220-12)			0.20	KVA/L.F.	0.00	0.00	KVA
GENERAL PURPOSE R	_	UTLETS		116.68	KVA			
FIRST 10 KV					@ 100% =		10.00	KVA
REMAINDE	R OVER 10 KW	=		106.68	@ 50% =		53.34	KVA
HEATING, VENTILATIN AIR CONDIT		NDITIOINI	NG EQUIPI	MENT			291.69	KVA
EXHAUST F	ANS			1.60	KVA EA.	22	35.20	KVA
LARGEST MOTOR =	1	5.00	KVA@2	25% =			3.75	KVA
BOOSTER PUMP			15.00	KVA	X	1	15.00	KVA
WATER HEATING (@12	25%)		12.00	KVA	X	1	l 15.00	KVA
WATER HEATING (@12	25%)		4.00	KVA	X	2	2 10.00	KVA
GARBAGE DISPOSAL			1.20	KVA	X	1	1.20	KVA
KILN (@ 125%)			14.00	KVA	X		17.50	KVA
SCOREBOARD			1.70	KVA	X		1.70	KVA
IT EQUIPMENT			7.00	KVA	X		35.00	KVA
CALGREEN (TABLE 5.1	106.5.3.1)							
EVSE (26-50 TOTAL PA			6.70	KVA	X	8	53.60	KVA
EV CAPABLE (26-50 TC	TAL PARKING)	6.70	KVA	X	2	13.40	KVA
25% CONTI	NUOS LOAD FA	ACTOR					16.75	KVA
	AD					=	640.33	KVA

	COPPER F	EEDER SCHEDULE - 1 PHASE, 2 WIRE
FEEDER TAG	RATING	CONDUIT/WIRING
202	20A / 1P / 2W	3/4" C - 2 # 12 CU + 1 # 12 CU GND.

SHORT CIRCUIT NOTES

- SHORT CIRCUIT CALCULATIONS FOR ELECTRICAL SWITCHBOARDS, DISTRIBUTION PANELS, AND PANELBOARDS, HAVE BEEN CALCULATED USING SKM SOFTWARE AND ASSUMING THE FOLLOWING:
- UTILITY CONTRIBUTION 500 MVA
- MAXIMUM X/R RATIO: 10 DISTANCE FROM UTILITY TRANSFORMER TO SWITCHGEAR ~ 238FT
- 100% MOTOR CONTRIBUTION TRANSFORMER 600V OR LESS THREE PHASE IMPEDANCE: 5.0%

KEY NOTES

- 1 BREAKER DEDICATED FOR PV SYSTEM.
- 2 PROVIDE 3/4" X 10' CU GROUND ROD AND 1#6 CU GROUNDING ELECTRODE CONDUCTOR. REFER TO DETAIL 5/E8.0.1-2.
- 3 PV SYSTEM DESIGN DRAWINGS PROVIDED BY PV DESIGNER AND INSTALLED BY PV INSTALLER.
- 4 PROVIDE AND INSTALL A HEAVY DUTY SAFETY SWITCH VISIBLE BLADE AND VIEWING WINDOW. LOCATED IN THE MAIN ELECTRICAL ROOM.
- 5 PROVIDE AND INSTALL 2.8 KVA ISOLITE LIGHTING INVERTER, MODEL # E3MAC-2800-1P-1B-OB-11-MB-RA-BI-BTMS OR APPOVED EQUAL.

GENERAL NOTES

- COORDINATE WITH THE PANELS MANUFACTURER FOR PROVIDING ADEQUATE SPACE AND TERMINATION PROVISIONS FOR UP-SIZED CONDUCTORS AND CONDUITS. AND MULTIPLE PARALLEL CONDUCTORS PER PHASE.
- SERVICE CONDUITS, CONDUCTORS, EQUIPMENT AND METERING PROVISIONS SHALL MEET PG&E REQUIREMENTS.
- PROVIDE ALL NECESSARY AUXILIARY EQUIPMENT AND ACCESSORIES REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
- LETTER FOR SHORT CIRCUIT CURRENT VALUE FROM PG&E SHALL BE AVAILABLE AT THE JOB SITE FOR INSPECTION.
- E. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER UNLESS SPECIFIED.
- CONTRACTOR SHALL PROVIDE A SHORT CIRCUIT, PROTECTIVE DEVICE COORDINATION AND ARC FLASH STUDY TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL. EQUIPMENT SHALL BE PROVIDED ACCORDINGLY ONCE THE STUDY IS APPROVED. SERT AND ADJUST ALL DEVICES IN ACCORDANCE WITH THE RESULT OF THE STUDY, BEFORE ENERGIZING THE EQUIPMENT.
- ARC-FLASH WARNING LABEL SHALL BE FIELD MARKED ON ALL SWITCHGEAR, PANELBOARDS AND METER SOCKETS, LEGIBLY AND VISIBLY, WARNING QUALIFIED PERSONS OF POTENTIAL ARC FLASH HAZARDS, IN COMPLIANCE WITH CEC 2019 SECTION 110.16.
- H. MAXIMUM AVAILABLE FAULT CURRENT (AFC) SHALL BE FIELD MARKED ON ALL SERVICE EQUIPMENT, LEGIBLY, AND SHALL INCLUDE DATE AFC CALCULATION WAS PERFORMED, IN COMPLIANCE WITH CEC 2019 SECTION 110.24(A).
- ALL SWITCHBOARDS, DISTRIBUTION PANELS, AND PANELBOARDS SHALL BE FULLY RATED FOR INTERRUPTING CAPACITY. SERIES RATED EQUIPMENT SHALL NOT BE USED.
- ALL SERVICES SUPPLYING THE SAME BUILDING SHALL HAVE THE SAME GROUNDING ELECTRODE SYSTEM. TWO OR MORE GROUNDING ELECTRODES THAT ARE BONDED TOGETHER SHALL BE CONSIDERED AS A SINGLE GROUNDING ELECTRODE SYSTEM IN THIS SENSE.
- K. INSTALL A PERMANENT PLAQUE OR DIRECTORY AT EACH SERVICE DISCONNECT LOCATION DENOTING ALL OTHER SERVICES TO THE BUILDING AND THE AREA SERVED BY EACH. EACH SERVICE DISCONNECT SHALL BE PERMANENTLY MARKED TO IDENTIFY IT AS A SERVICE DISCONNECT.
- L. AIC RATING FOR THE PANELS AND SWITCHBOARDS ARE BASED ON ASSUMED 65KA AVAILABLE FAULT CURRENT AT THE SERVICES. CONTRACTOR SHALL COORDINATE TRANSFORMERS MANUFACTUERE FOR THE CORRECT IMPEDNACE AT THE EXTERIOR OIL TYPE TRANSFORMER SERVICES. IF THE AMOUNT EXCEEDS 65KA, CONTRACTOR SHALL PROVIDE SUFFICIENT AIC RATING AND PROVIDE SUPPORT CALCULATIONS FOR JUSTIFICATION OF NEW AIC RATING.
- M. VOLTAGE DROP SHOWN ON THE ELECTRICAL ONE LINE IS FOR PLAN CHECK PURPOSES. CONTRACTOR SHALL MEASURE ACTUAL FEEDER LENGHTS AND CALCULATE VOLTAGE DROP CALCULATIONS FOR ALL FEEDERS AND CIRCUIT GROUNDING, CEC 215.2(A)(2).
- N. ALL ELECTRICAL CONDUCTORS IN PARALLEL SHALL COMPLY WITH CEC ARTICLE 310.10 (H).
- O. CORROSION PROTECTION / WRAPPING IS REQUIRED ON ALL UNDER-SLAB OR UNDERGROUND FERROUS ELECTRICAL CONDUIT AND FITTINGS. THE MATERIAL USED FOR CORROSION PROTECTION SHALL BE UPC APPROVED AND STAMPED.
- P. CEC 240.13. GROUND-FAULT PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH 230.95 FOR SOLIDLY GROUNDED WYE ELECTRICAL SYSTEMS OF MORE THAN 150V TO GROUND BUT NOT EXCEEDING 1000V PHASE-TO-PHASE FOR EACH INDIVIDUAL DEVICE USED IN A BUILDING.
- Q. THE MAIN SWITCHBAORD CIRCUIT BREAKERS WITH A CONTINUOUS CURRENT TRIP SETTING FOR WHICH THE ACTUAL OVERCURRENT DEVICE INSTALLED IN A CIRCUIT BREAKER IS RATED OR CAN BE ADJUSTED IS 1200A OR HIGHER IT SHALL MEET THE ARC ENERGY REDUCTION WITH ACCORDANCE CEC 240.87(A) AND 240.87(B)



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DSA APP. NO. 01-121006



OF CALIFORNI DATE SIGNED: MEP & FS / Sustainability / CxA Roseville, CA 95678 p 916-771-0778 **CONSULTING** www.lpengineers.com

1209 Pleasant Grove Blvd.

ENGINEERS Job #: 22-2123

100% CONSTRUCTION DOCUMENT **ELECTRICAL ONE-LINE**

DIAGRAM & LOAD CALC'S Checked By 22-180 11/30/23

E6.0.1-2

DRAWING NO.

LASSROOMS & OMMUNITY	BUILDING "A": ADMINISTRATION OFFICES	BUILDING "C": LIBRARY & CLASSTOOMS	LOCATION: BUILD KILN CLASS	DING "D": SSROOMS 	
L = 15'	L = 10'	A ISC = 4,695A ISC = 4,695A ISC = 4,913A	A ISC = 3,695A ISC = 1,695A ISC = 1,695A	PANEL "LP1D" L = 10' SC = 2,192A	3 (1)2"C TO PV SYSTEM AT BLDG B (1)2" EMPTY CONDUIT CAPPED 6" ABOVE ROOF AT BLDG B
L = 10' VD = 0.01% 1004 L = 15' /D = 0.01% 1004 L = 15' /D = 0.01% 1004 L = 25' /D = 0.01% 1253 L = 10' VD = 0.01%	L = 10' VD = 0.01% VD = 0.1% L = 10' VD = 0.01% L = 10' VD = 0.01% XFMR "T1A" 112.5kVA 480V-208Y/120V XFMR "TLEVA" VD = 0.01% XFMR "TLEVA" 75kVA 480V-208Y/120V	1004 1004 1004 1004 1 1004 1 2 10' VD = 0.1% 1753 1 2 10' VD = 0.01%	L = 10' VD = 0.01% 4004S XFMR "T1C" 112.5kVA 480V-208Y/120V	1004 = 10' 0 = 0.1% XFMR "T1D" 45kVA 480V-208Y/120V L = 10' VD = 0.01%	(1)2"CO FOR PV SYSTEM + (1)2" EMPTY CONDUIT FOR POWER
LCP PANEL "INVB" 2.8kVA 7.8kWh	L = 130' 1253 L = 10' VD = 0.0 VD = 0.0	LCP PANEL "HP1C" L = 325' VD = 1.17%	7,938A PNL "INVC" 2.8kVA 7.8kWh 202	L = 165' ISC = 8,379A PNL "INVD" 2.8kVA 7.8kWh L = 165' VD = 1.16%	(E) (PB) (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B
	/ITCHBOARD "MSB" 000A MCB, 480Y/277V, 3-PH, 4-W, 65kAIC, NEMA-1	VD = 0.89%		1504	
UGPS U.G. TERMINATION SERVICE LUGS TO (E) PG&E 12.47kV	METER SECTION 250kVA PG&E METER NEUTRAL LINK NEUTRAL LINK	225A 3P 300A 3P 250A 3P		150A 3P 100A 3P	(F)100A/3P 100AF 50AT
PS PG&E	NEUTRAL GROUND #4/0 D	ISTRIBUTION SECTION			
4/0 BAR INSTALL FOUND GND ROD, 8-FT APART MIN BOND COLD	GTHS OF 20 FT. MIN. # E CU "UFER"GROUND IN BUILDING ATION PER NEC 250-52, DSITE DIRECTIONS. WATER PIPE PER 2010				
STEE BOND GA	EL PER CEC 250.104(C) AS AND OTHER METAL R 2014 CEC 250.104(B)				

REQUEST FOR INFORMATION (PB)

PROJECT NAME: MLK Nevada Campus Reconstruction Project Increment #2 & 3 Pre Bid RFI NO. 021

TO: Kevin Marer FROM:

JK Architecture Engineering. 300 Orchard City Drive, Suite 140 Campbell, CA 95008

BHM Construction, Inc. 221 Gateway Road W, Ste.405, Napa, CA 94558

CC: Jason Cave

Greystone West Company

SUBJECT: Increment 2 Acoustical Ceiling and Wall Panels

CATEGORY: Acoustical Ceiling ▼NEED ADDITIONAL INFORMATION

Spec Section: 09 51 00 PARAGRAPH NO:. DRAWING NO: A7.0.1-2 A7.02-2 A6.1.1-2 A8.1.3- 2 A8.1.3-3

DISCRIPTION:

1.

Ceiling Legend on RCP drawings (A7.0.1-2, A7.0.2-2, etc.) indicates AC-2 as 2x2' Acoustical Ceiling 6% Accent Colored Panels.

We couldn't locate any AC-2 in the project.

Please confirm there are no any AC-2 Ceiling 6% Accent Colored Panels used in this project.

2.

Finish Plan & Schedule drawings list two AWP-1 Echopanels by Kirei.

One of AWP-1 is Echopanel with flat 551 Duck Egg color, while the other is specified as Echopanel with Digital Print from Biophilia collection.

We couldn't find any other mentions or details clarifying where those Biophilia panels with Print should be used.

Please confirm that all AWP-1 panels in this project are to be Echopanels with Flat 551 Duck Egg color.

3

While the Floor plan A6.1.1-2 indicates Acoustical Wall Panels for the South and West walls (callout 09.30), the elevations don't show them (see elev.4, 9 / A8.1.3-2).

As per elevations, Acoustical Wall Panels (09.30 callout) are shown only in two rooms: C104 (A81.3-2, elevation 7, 8) and Multi-purpose room M101 (A8.1.3-3 elevations 2,3,4).

Please advise if Stem/Art Lab room C105 is intended to receive Acoustical Wall Panels on the South and West walls.

Please advise.

COST IMPACT: TBD \$ EST. TIME IMPACT:	_EST.TBD			
CONTRACTOR SIGNATURE:	DATE ISSUED: 4.01.24	DATE REQUIRED:04/02/24		
RESPONSE: 1. No AC-2 in project, this has been removed from the SAC to match finish plans. 2. Kirei Echopanel with Biophilia print has been update building M, refer to Interior elevations 2, 3, and 4/A8.	ted to AWP-2. This is located in			
3. Acoustic wall panels are not required in C105. Keynotes have been moved to C104 where acoustic wall panels are also shown on the interior elevations on A8.1.3-2. ATTACHMENTS: A6.1.1-2, A7.0.1-2, A7.0.2-2, A8.1.3-3, A9.0.2-3				
ARCHITECT SIGNATURE: Lin Man	2, 710.11.0 0, 710.0.2-0	DATE:04/02/2024		

UPDATES SHOWN IN THE ATTACHED SHEETS WILL ALSO BE INCLUDED IN V3 DOCUMENTS SUBMITTED TO DSA

06.22 PLASTIC LAMINATE COUNTERTOP - 06 41 00 06.82 DISPLAY CASE WITH A TACKABLE BACK PANEL, 66" H X 48"W X 16"D (CLARIDGE PRODUCTS OR EQUAL)

42" TALL DOUBLE-SIDE OPEN WOOD SHELVING, 3 ROWS (RUSSWOOD, ENVISION SERIES, CURVE SHELVING OR EQUAL) FOLDING GLASS DOOR - 08 43 33 09.30

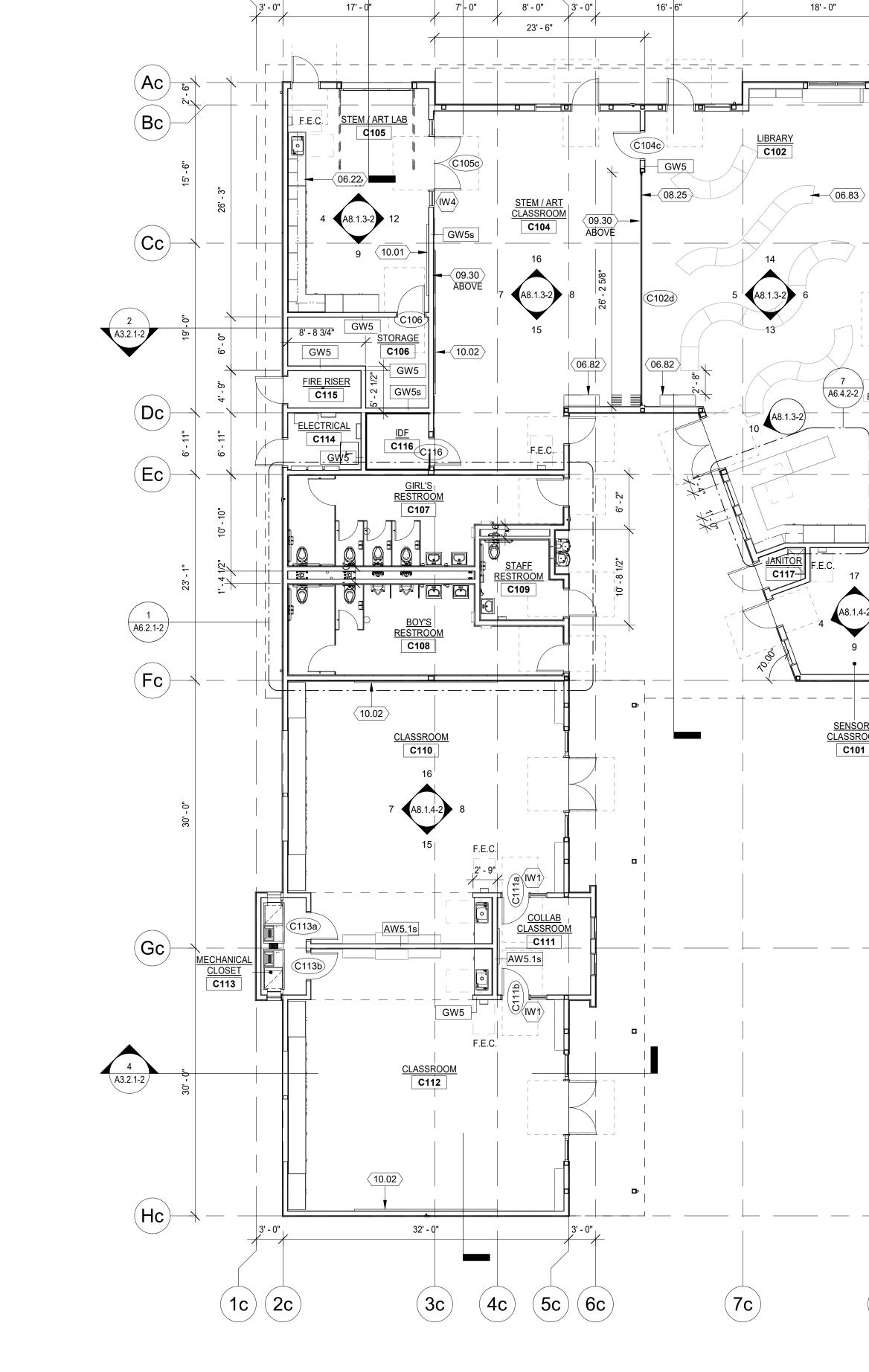
 (Bc)

ACOUSTIC WALL PANEL - 09 84 13 10.01 MARKERBOARD (8'-0" W X 4'-0" H) - 10 11 16 MARKERBOARD (16'-0" W X 4'-0" H) - 10 11 16

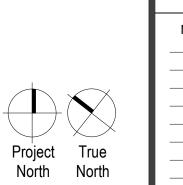
SENSORY CLASSROOM

C101

8c 9c



2 INTERIOR FLOOR PLAN - BUILDING C 1/8" = 1'-0"



(A8.1.2-2)



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FLOOR PLAN GENERAL NOTES

1. BLDG A, B, AND C FIRST FLOOR FINISH FLOOR IS 0'-0" = 62'-6" BLDG D FIRST FLOOR FINISH FLOOR IS 0'-0" = 70'-6"

2. SEE G3.1-2 FOR ALL ACCESSIBLE CLEARANCE REQUIREMENTS.

3. DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE

4" FROM INSIDE CORNER, U.N.O.

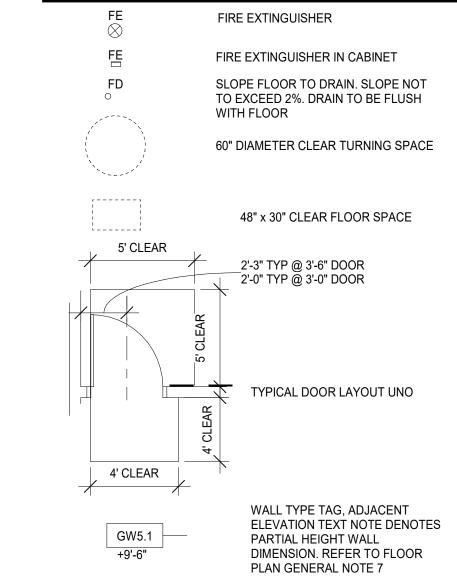
4. SEE PARTIAL PLANS FOR BALANCE OF INFO 5. ALL EXTERIOR DIMENSIONS ARE TO EXTERIOR FACE OF EXTERIOR

SHEATHING, FOUNDATION / PERIMETER CURB, U.N.O.

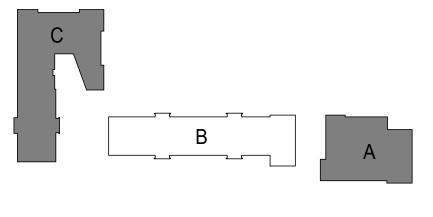
6. ALL INTERIOR DIMENSIONS ARE TO FACE OF FRAMING, U.N.O. 7. ALL INTERIOR PARTITIONS ARE FULL HEIGHT TO BOTTOM ROOF DECK

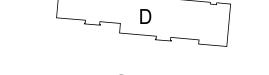
8. SEE EQUIPMENT PLAN FOR ALL INFORMATION REGARDING EQUIPMENT 9. INSTALL CORNER GUARD ON ALL WALL CORNERS (U.N.O.) - 10 26 13 10. REFER TO G4.1-2 FOR SIGNAGE PLANS

FLOOR PLAN LEGEND



BUILDING LOCATION KEY





DSA APP. NO. 01-121006

00% CONSTRUCTION	Project SAUSALITO MARIN CITY SCHOOL DISTRI DR. MARTIN LUTHER KING JR. ACADEMY	636 NEVADA STREET,
00% CONSTRUCTION	Project SAUS DR.	636 N

100% CONSTRUCTION DOCUMENTS	Proje SAI DR 636 SAI
Drawing Title	Drawn B
INTERIOR FLOOR PLA	N - KN
BLDG A + C	Checked B
	A ⁻
NO. DATE ISSUE	Project No
	22-180
	©Date
<u> </u>	04/02/2024

DRAWING NO. A6.1.1-2

4' - 6" 8' - 6"

Ca

Da

(Fa)—

1 INTERIOR FLOOR PLAN - BUILDING A 1/8" = 1'-0"

20' - 6"

STAFF LOUNGE
A108

8' - 11" 5' - 7"

-(Aa)

-(Ba)

Fa

Project True North North

6' - 2 1/2"

LACTATION A106

MDF/IDF A105

A114

(5a)

STORAGE A107

(6a)

(7a)

STEEL ENTRY CANOPY, SUPPORTED BY POST IN WALL, DIAGONAL ARCHITECTURAL BRACING, EXPOSED METAL DECK STEEL ENTRY CANOPY, SUPPORTED BY EXTERIOR STEEL COLUMNS, EXPOSED METAL DECK

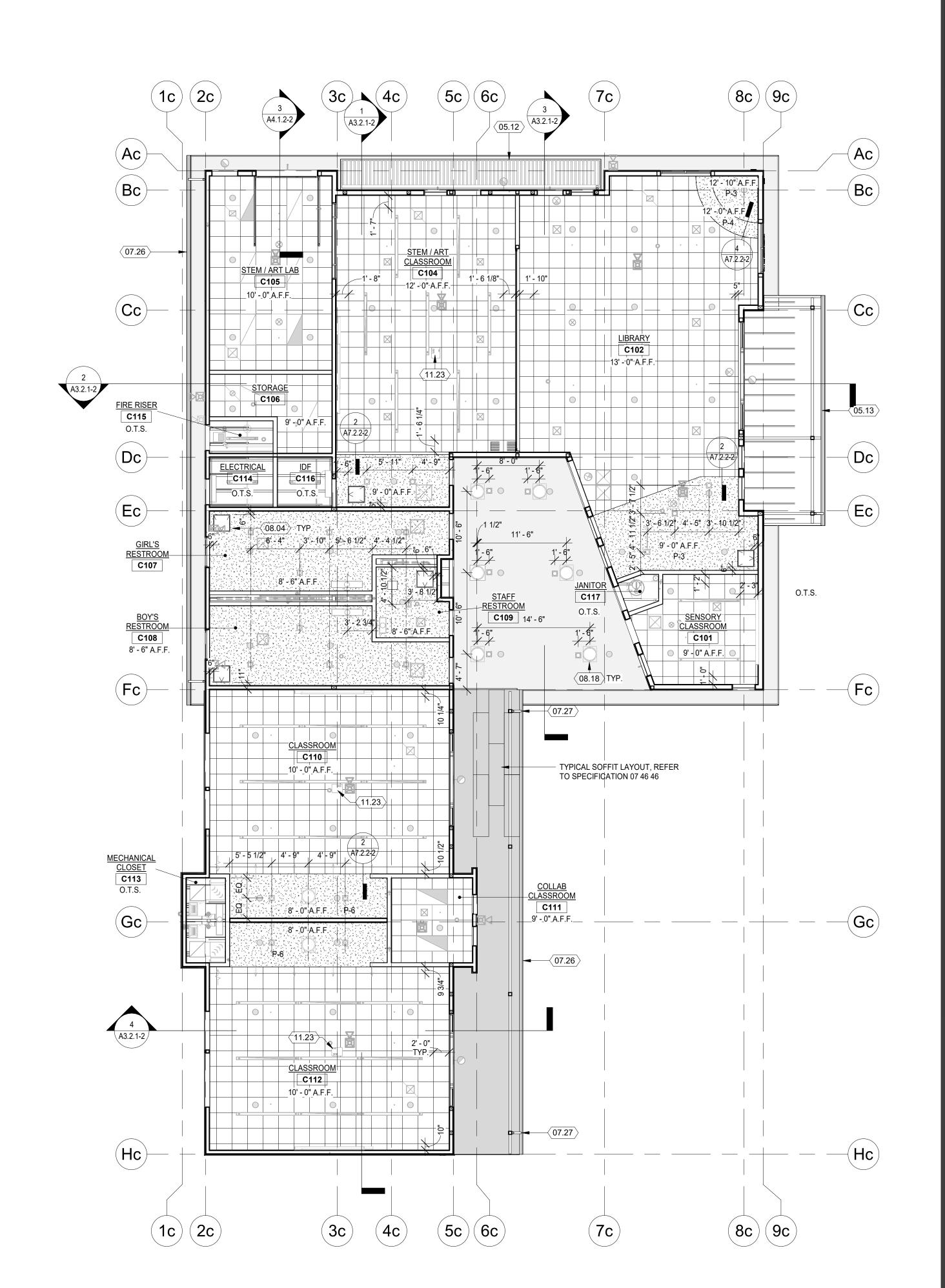
METAL GUTTER WITH GUTTER GUARD, PAINTED TO MATCH ROOF FLASHING - 07 62 00 METAL DOWNSPOUT, PAINTED TO MATCH ADJACENT FINISH

SURFACE - 05 50 00 CEILING ACCESS PANEL - 2'-0" x 2'-6" - 08 31 13

21" DIA.TUBULAR SKYLIGHTS - 08 62 23 08.18

SHORT-THROW PROJECTOR, REFER TO TECHNOLOGY DRAWINGS

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CEILING LEGEND

+ X'-X" HEIGHT OF CEILING / SOFFIT

SUSPENDED ACOUSTICAL CEILING HEIGHT: PER PLAN FINISH: SAC-1

> GYPSUM BOARD CEILING HEIGHT: +10'-0" TYPICAL FINISH: PF-1

EXPOSED / OPEN TO STRUCTURE HEIGHT: VARIES, SEE STRUCTURAL FINISH: FORM FINISH

FIBER CEMENT PANEL SOFFIT HEIGHT: VARIES, SEE STRUCTURAL FINISH: FC-2 SEE: 7 / A5.2.2-2

CEILING FINISH LEGEND

2'-0" x 2'-0" ACOUSTICAL CEILING PANELS 2'-0" x 2'-0" ACOUSTICAL CEILING PANELS, ACCENT COLOR

PAINT - SEMI-GLOSS PAINT - EGGSHELL PAINT - SEMI-GLOSS ENAMEL PF-2

PAINT - FERROUS METAL PIPING, MISC METALS PAINT - GALVANIZED DUCTWORK, ELECT CONDUIT PAINT - EPOXY

CEILING GENERAL NOTES

1. CENTER SUSPENDED CEILING GRIDS EACH WAY WITHIN SPACE, UNLESS NOTED OTHERWISE

2. CENTER MECHANICAL AIR GRILLES BETWEEN LIGHTS / WALLS IN GYPSUM **BOARD CEILINGS**

3. CENTER LIGHT FIXTURES WITHIN SPACES UNLESS NOTED OTHERWISE 4. EXIT LIGHTS NOT SHOWN, SEE ELECTRICAL DRAWINGS

5. FOR ALL LOCATIONS OF N.I.C. LCD PROJECTORS, INSTALL OVERHEAD MOUNTED EQUIPMENT SUPPORT PER ELECTRICAL

6. SEE ELECTRICAL DRAWINGS FOR LIGHT LEGENDS AND INFO

OF THE SPRINKLER HEAD.

SEAL

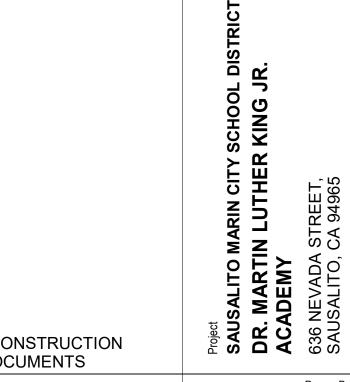
7. ALL DIMENSIONS SHOWN ARE BASED ON THE HORIZONTAL

PLANE, NOT THE ROOF SLOPE. 9. EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLERS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1"

IN ALL HORIZONTAL DIRECTIONS, PERMITTED TO BE PROVIDED AT THE TOP

10. ALL EXTERIOR EAVES TO RECIEVE VENTING. 8 / A5.2.2-2 ALL EAVES GREATER THAN 4' TO RECIEVE (2) VENTS 1VENT AT WALL LINE AND 1 VENT AT FASCIA LINE.

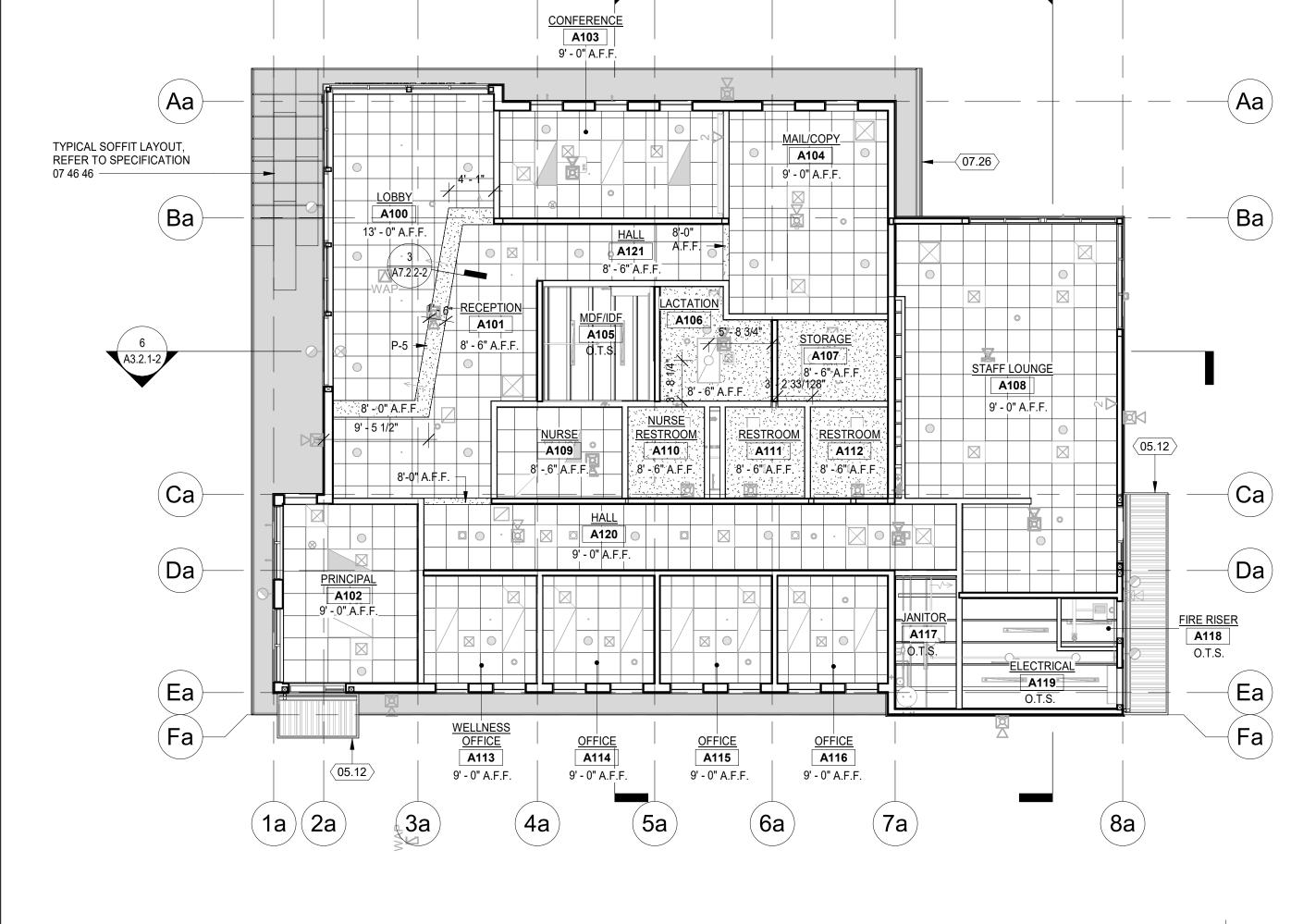
DSA APP. NO. 01-121006



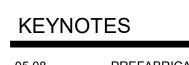
9 9 9 9 9 9 9 9 9 9	ONSTRUCTION CUMENTS				
Drawn By		ing Title	Drawi		
KM	CEILING PLAN - BLDG A +				
Checked By			C		
AT					
Project No.	ISSUE	DATE	NO.		
22-180					
©Date					

DRAWING NO. A7.0.1-2

Project True North North



1/8" = 1'-0"



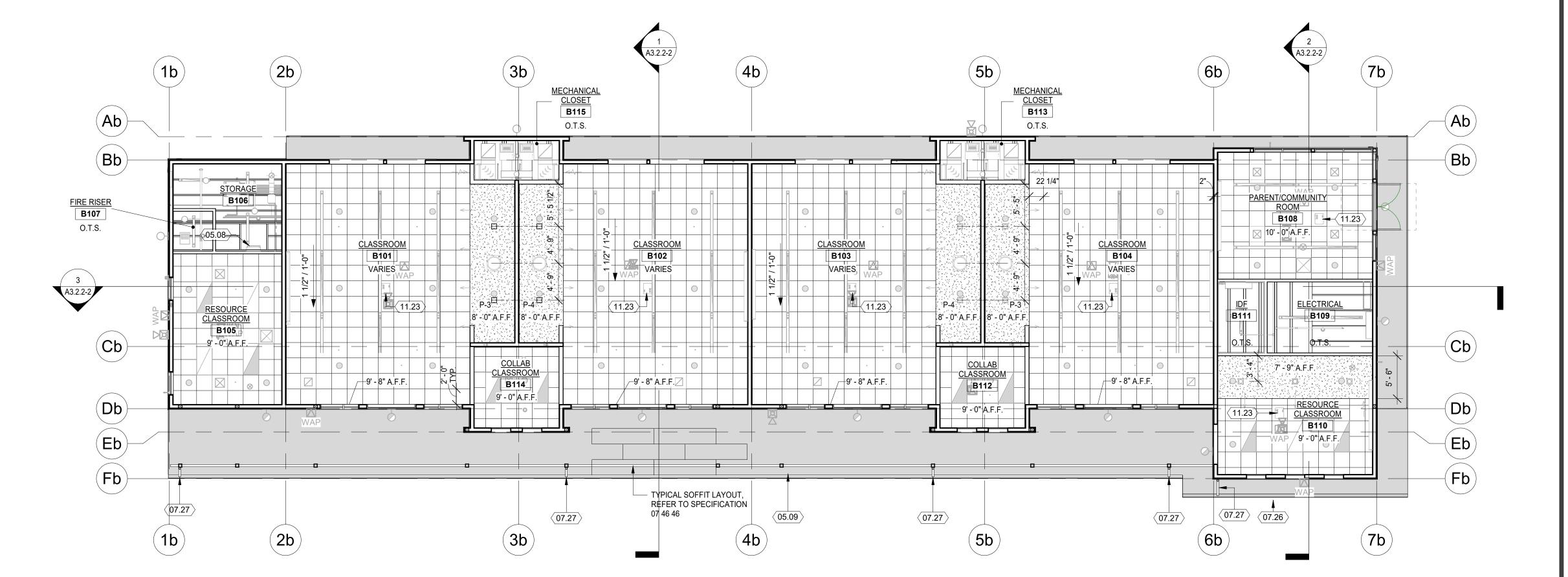
05.08 PREFABRICATED ALUMINUM ACCESS LADDER - 05 51 33
05.09 SHEET METAL GUTTER, PAINTED TO MATCH ROOF FLASHING - 05 50

00 07.26 METAL GUTTER WITH GUTTER GUARD, PAINTED TO MATCH ROOF FLASHING - 07 62 00

FLASHING - 07 62 00

07.27 METAL DOWNSPOUT, PAINTED TO MATCH ADJACENT FINISH SURFACE - 05 50 00

08.18 21" DIA.TUBULAR SKYLIGHTS - 08 62 23
11.23 SHORT-THROW PROJECTOR, REFER TO TECHNOLOGY DRAWINGS

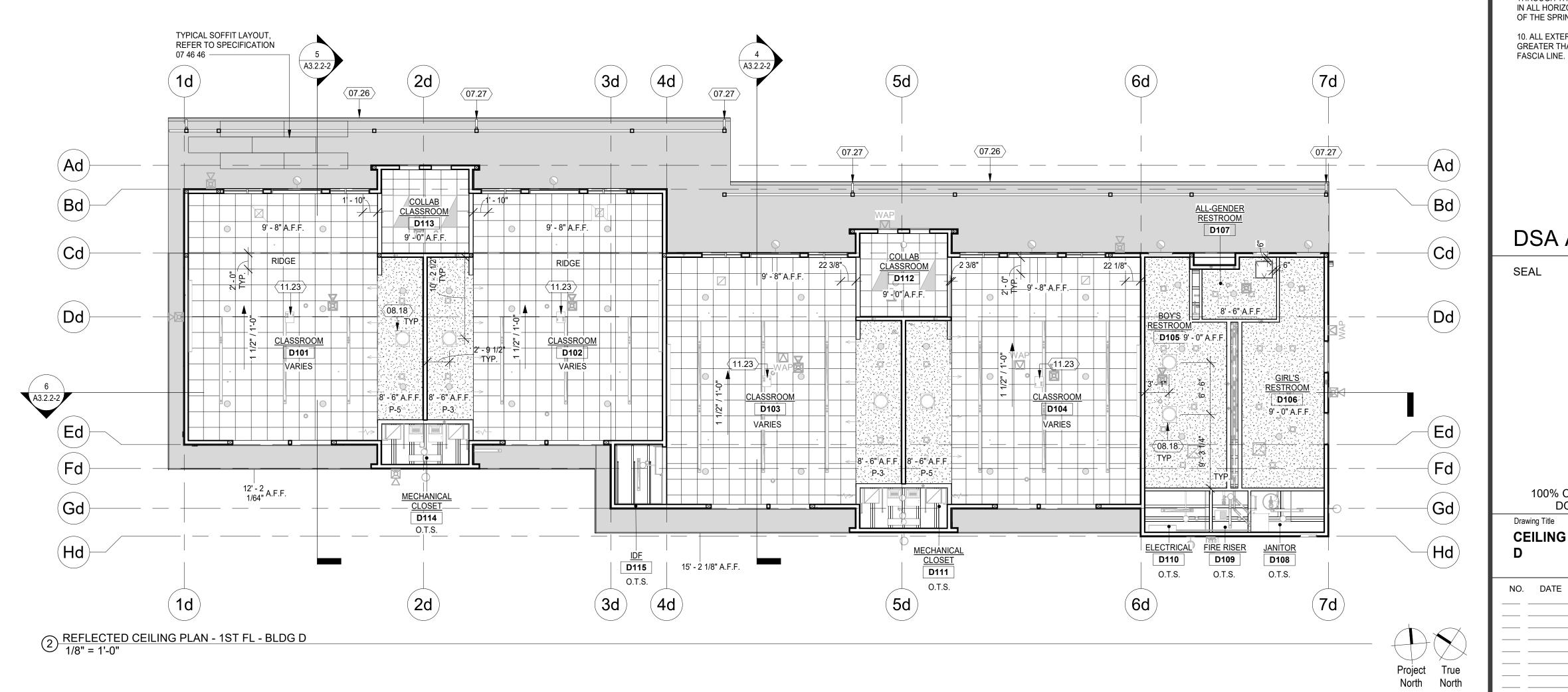


1 REFLECTED CEILING PLAN - 1ST FL - BLDG B 1/8" = 1'-0"

Project True
North North

1. CENTER SUSPEI
NOTED OTHERWIS

2. CENTER MECHA
BOARD CEILINGS



ARCHITECTURE ENGINEERING

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CEILING LEGEND

+ X'-X" HEIGHT OF CEILING / SOFFIT

SUSPENDED ACOUSTICAL CEILING
HEIGHT: PER PLAN
FINISH: SAC-1

GYPSUM BOARD CEILING HEIGHT: +10'-0" TYPICAL FINISH: PF-1

> EXPOSED / OPEN TO STRUCTURE HEIGHT: VARIES, SEE STRUCTURAL FINISH: FORM FINISH

FIBER CEMENT PANEL SOFFIT

HEIGHT: VARIES, SEE STRUCTURAL

FINISH: FC-2 SEE: 7 / A5.2.2-2

CEILING FINISH LEGEND

C-1 2'-0" x 2'-0" ACOUSTICAL CEILING PANELS
C-2 2'-0" x 2'-0" ACOUSTICAL CEILING PANELS, ACCENT COLOR

PAINT - SEMI-GLOSS PAINT - EGGSHELL

PF-3 PAINT - SEMI-GLOSS ENAMEL
PF-4 PAINT - FERROUS METAL PIPING, MISC METALS
PF-5 PAINT - GALVANIZED DUCTWORK, ELECT CONDUIT
PF-6 PAINT - EPOXY

CEILING GENERAL NOTES

 CENTER SUSPENDED CEILING GRIDS EACH WAY WITHIN SPACE, UNLESS NOTED OTHERWISE
 CENTER MECHANICAL AIR GRILLES BETWEEN LIGHTS / WALLS IN GYPSUM

3. CENTER LIGHT FIXTURES WITHIN SPACES UNLESS NOTED OTHERWISE

4. EXIT LIGHTS NOT SHOWN, SEE ELECTRICAL DRAWINGS5. FOR ALL LOCATIONS OF N.I.C. LCD PROJECTORS, INSTALL

OVERHEAD MOUNTED EQUIPMENT SUPPORT PER ELECTRICAL DRAWINGS.

6. SEE ELECTRICAL DRAWINGS FOR LIGHT LEGENDS AND INFO

7. ALL DIMENSIONS SHOWN ARE BASED ON THE HORIZONTAL PLANE, NOT THE ROOF SLOPE.

9. EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLERS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS, PERMITTED TO BE PROVIDED AT THE TOP OF THE SPRINKLER HEAD.

10. ALL EXTERIOR EAVES TO RECIEVE VENTING. 8 / A5.2.2-2 ALL EAVES GREATER THAN 4' TO RECIEVE (2) VENTS 1VENT AT WALL LINE AND 1 VENT AT FASCIA LINE.

DSA APP. NO. 01-121006

SEAL 100% CONSTRUCTION DOCUMENTS	Project SAUSALITO MARIN CITY SCHOOL DISTRICT DR. MARTIN LUTHER KING JR. ACADEMY 636 NEVADA STREET, SAUSALITO, CA 94965
Drawing Title	Drawn By
CEILING PLAN - BLDG B +	KM
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A7.0.2-2

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KEYNOTES

DSA APP. NO. 01-121006

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INTERIOR ELEVATIONS BLDG M

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NO. DATE ISSUE
Project No. 22-180
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(M02/2024)

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A8.1.3-3

CONCRETE FLOOR FINISH - 03 35 00 S. CONC. SEALED CONCRETE MFG.: ASHFORD FORMULA PLASTIC LAMINATES - 06 41 00

PL-1 TYPICAL CASEWORK, UPPERS, BASE & TALL MFG.: FORMICA INSTALL: QUARTER TURN COLOR: BLOND CEDAR - 8576-PG FINISH: PURE GRAIN C-2 ADMINISTRATION PL-2 RECEPTION & LIBRARY DESKS MFG.: INTERFACE FORMICA

FINISH: BRUSHED TEXTURE PL-3 TYPICAL COUNTER TOPS MFG.: FORMICA COLOR: PALOMA POLAR - 6698A-58 FINISH: ANTIMICROBIAL MATTE FINISH

COLOR: ALUMINUM - 9318-BH

SOLID SURFACE - 06 61 16 SS-1 RECEPTION & LIBRARY COUNTER TOPS CLASSROOM AND LIBRARY BENCH TOPS MFG.: DUPONT CORIAN COLOR: ARROWROOT

EXT. ENTRY VESTIBULE

CERAMIC TILE 09 30 13 CT-1 WALL: FIELD WALL TILE

GROUT: WHITE

GROUT: WHITE

MFG.: DALTILE PROD.: COLOR WHEEL COLOR: ARTIC WHITE 0190 SEMI GLOSS SIZE: 6 x 6 INSTALL: STACKED GROUT: WHITE

CT-2 WALL: ACCENT WALL TILE MFG.: DALTILE PROD.: COLOR WHEEL COLOR: DESERT GRAY X114 SEMI GLOSS SIZE: 6 x 6 INSTALL: STACKED

CT-3 WALL: ACCENT WALL TILE PROD.: COLOR WHEEL COLOR: ELECTRIC BLUE 1194 SEMI GLOSS SIZE: 6 x 6 INSTALL: STACKED

GROUT: WHITE CT-4 WALL: ACCENT WALL TILE MFG.: DALTILE COLOR WHEEL COLOR: KEY LIME 1098 SEMI GLOSS SIZE: 6 x 6 INSTALL: STACKED

CT-5 WALL: ACCENT WALL TILE MFG.: DALTILE PROD.: COLOR WHEEL COLOR: SUNFLOWER DH50 SEMI GLOSS SIZE: 6 x 6 INSTALL: STACKED GROUT: WHITE

CT-6 WALL: ACCENT WALL TILE MFG.: DALTILE PROD.: COLOR WHEEL COLOR: ORANGE BURST 1097 SEMI GLOSS SIZE: 6 x 6 INSTALL: STACKED GROUT: WHITE

CT-7 WALL: ACCENT WALL TILE MFG.: DALTILE PROD.: COLOR WHEEL COLOR: WOOD VIOLET 1467 SEMI GLOSS SIZE: 6 x 6 INSTALL: STACKED GROUT: WHITE

CARPET - 09 68 00

C-1 WALK-OFF MFG.: INTERFACE PROD.: STEP REPEAT SR999 STYLE: MODULAR SIZE: 50 CM x 50 CM (19.69" x 19.69") COLOR: 104942 SMOKE

PROD.: NIGHT LIGHTS COLLECTION STYLE: AGLOW SIZE: 25 CM x 1M (9.845" x 39.38") COLOR: 107247 INK CLOUD INSTALL: ASHLAR

C-3 CLASSROOMS MFG.: INTERFACE PROD.: NIGHT LIGHTS COLLECTION STYLE: AGLOW SIZE: 25 CM x 1M (9.845" x 39.38") COLOR: 107250 IRON AZURE INSTALL: ASHLAR

C-4 CLASSROOMS MFG.: INTERFACE PROD.: NIGHT LIGHTS COLLECTION STYLE: AGLOW SIZE: 25 CM x 1M (9.845" x 39.38") COLOR: 107251 IRON GRASS

INSTALL: ASHLAR

C-5 CLASSROOMS MFG.: INTERFACE PROD.: NIGHT LIGHTS COLLECTION STYLE: AGLOW SIZE: 25 CM x 1M (9.845" x 39.38") COLOR: 107257 TITANIUM IRIS

INSTALL: ASHLAR C-6 NOT USED C-7 NOT USED

C-8 LIBRARY MFG.: INTERFACE PROD.: HUMAN CONNECTION COLLECTION STYLE: MOSS IN STONE SIZE: 50 CM x 50 CM (19.69" x 19.69") COLOR: 105565 SLATE EDGE INSTALL: NON-DIRECTIONAL

RESILIENT BASE - 09 65 13 RB-1 RESILIENT BASE MFG.: BURKE INDUSTRIES COLOR: TBD SIZE: 4" TALL - ROLL RB-2 RESILIENT BASE MFG.: BURKE INDUSTRIES

SIZE: 4" TALL - ROLL VINYL COVERED TACKABLE WALL PANELS - 09 72 16

PANEL MFG.: CHATFIELD CLARK VINYL MFG.: KOROSEAL HARBORWEAVE COLOR: ATRIUM - 2121-00

COLOR: TBD

RESILIENT FLOORING - 09 65 00

LVT-1 LUXURY VINYL TILE P-1 PRIMARY INTERIOR WALLS MFG.: INTERFACE PROD.: STARGAZING STYLE: SCORPIO SIZE: 50 CM x 50 CM (19.69" x 19.69")

COLOR: A01716 - SILVERLIGHT P-2 ACCENT INTERIOR WALLS MFG.: SHERWIN WILLIAMS INSTALL: NON-DIRECTIONAL COLOR: SW 7072 - ONLINE (GRAY) FINISH: EGG SHELL LVT-2 LUXURY VINYL TILE

PAINT - 09 91 00

MFG.: SHERWIN WILLIAMS

COLOR: SW 6438 - DILL (GREEN)

P-8 RESTROOMS, FOOD SERVICE AREAS,

MFG.: SHERWIN WILLIAMS

FINISH: SEMI- GLOSS

MFG.: DUNN EDWARDS

FINISH: SEMI- GLOSS

P-10 ACCENT INTERIOR WALLS

FINISH: EGG SHELL

FINISH: EGG SHELL

FINISH: EGG SHELL

FRP WALL PANEL - 09 77 20

COLOR: WHITE

STYLE: COLOR COLOR: 551 DUCK EGG

MFG.:

P-11 ACCENT INTERIOR WALLS

P-12 ACCENT INTERIOR WALLS

MFG.: SHERWIN WILLIAMS

MFG.: SHERWIN WILLIAMS

MFG.: SHERWIN WILLIAMS

COLOR: SW 6437 - HAVEN (GREEN)

COLOR: SW 6823 - BRAVE PURPLE

TOILET AND URINAL PARTITIONS - 10 21 16

PROD.: 1090 - SIERRA SERIES

COLOR: SC04 - FOREST GREEN

MARLITE

COLOR: SW 7074 - SOFTWARE (GRAY)

P-9 DOOR & FRAMES

CUSTODIAL & UTILITIES WALLS & CEILING

COLOR: SW 7056 - RESERVED WHITE

COLOR: FADE TO BLACK DET629, JET DE6378

COLOR: SW 6508 - SECURE BLUE

COLOR: SW 9021 - NAPLES YELLOW

COLOR: SW 6717 - LIME RICKEY

COLOR: SW 6773 - RAPTURE BLUE

FINISH: EGG SHELL

P-3 ACCENT INTERIOR WALLS

FINISH: EGG SHELL

P-4 ACCENT INTERIOR WALLS

FINISH: EGG SHELL

P-5 ACCENT INTERIOR WALLS

FINISH: EGG SHELL

P-6 ACCENT INTERIOR WALLS

FINISH: EGG SHELL

P-7 ACCENT INTERIOR WALLS

FINISH: EGG SHELL

COLOR: SW 7056 - RESERVED WHITE

MFG.: INTERFACE PROD.: STARGAZING STYLE: SCORPIO SIZE: 50 CM x 50 CM (19.69" x 19.69") COLOR: A01717 - PEWTER INSTALL: NON-DIRECTIONAL

LVT-3 LUXURY VINYL TILE MFG.: INTERFACE STARGAZING STYLE: SCORPIO SIZE: 50 CM x 50 CM (19.69" x 19.69")

INSTALL: NON-DIRECTIONAL LVT-4 LUXURY VINYL TILE MFG.: INTERFACE PROD.: STARGAZING STYLE: SCORPIO 50 CM x 50 CM (19.69" x 19.69") COLOR: A01702 - CHARTREUSE (GREÉN)

INSTALL: NON-DIRECTIONAL

COLOR: A01709 AQUA (TURQUOISE)

LVT-5 LUXURY VINYL TILE MFG.: INTERFACE STARGAZING STYLE: SCORPIO SIZE: 50 CM x 50 CM (19.69" x 19.69")

COLOR: A01701 - YELLOW INSTALL: NON-DIRECTIONAL LVT-6 LUXURY VINYL TILE MFG.: INTERFACE STARGAZING STYLE: SCORPIO

SIZE: 50 CM x 50 CM (19.69" x 19.69") COLOR: A01708 - ELECTRIC BLUE INSTALL: NON-DIRECTIONAL LVT-7 LUXURY VINYL TILE MFG.: INTERFACE PROD.: STARGAZING

STYLE: SCORPIO 50 CM x 50 CM (19.69" x 19.69") SIZE: COLOR: A01706 - VIOLET INSTALL: NON-DIRECTIONAL LVT-8 LUXURY VINYL TILE MFG.: INTERFACE LEVEL SET

STYLE: NATURAL WOODGRAINS SIZE: 25 CM x 1M (9.845" x 39.38") COLOR: A00212 - CEDAR INSTALL: ASHLAR SV-1 SHEET VINYL W/ INTEGRAL COVE BASE MFG.: TARKETT

iQ GRANIT COLOR: 234 WARM LIGHT GREY WG

SIZE: 4' x 8' PANELS FINISH: SMOOTH ACOUSTICAL WALL PANEL - 09 84 33 AWP-1 ACOUSTICAL WALL PANEL MFG: KIREI PROD.: ECHOPANEL

> AWP-2 ACOUSTICAL WALL PANEL MFG: KIREI PROD.: ECHOPANEL STYLE: PRINT PATTERN: BIOPHILIA

ACOUSTICAL CEILINGS - 09 51 00

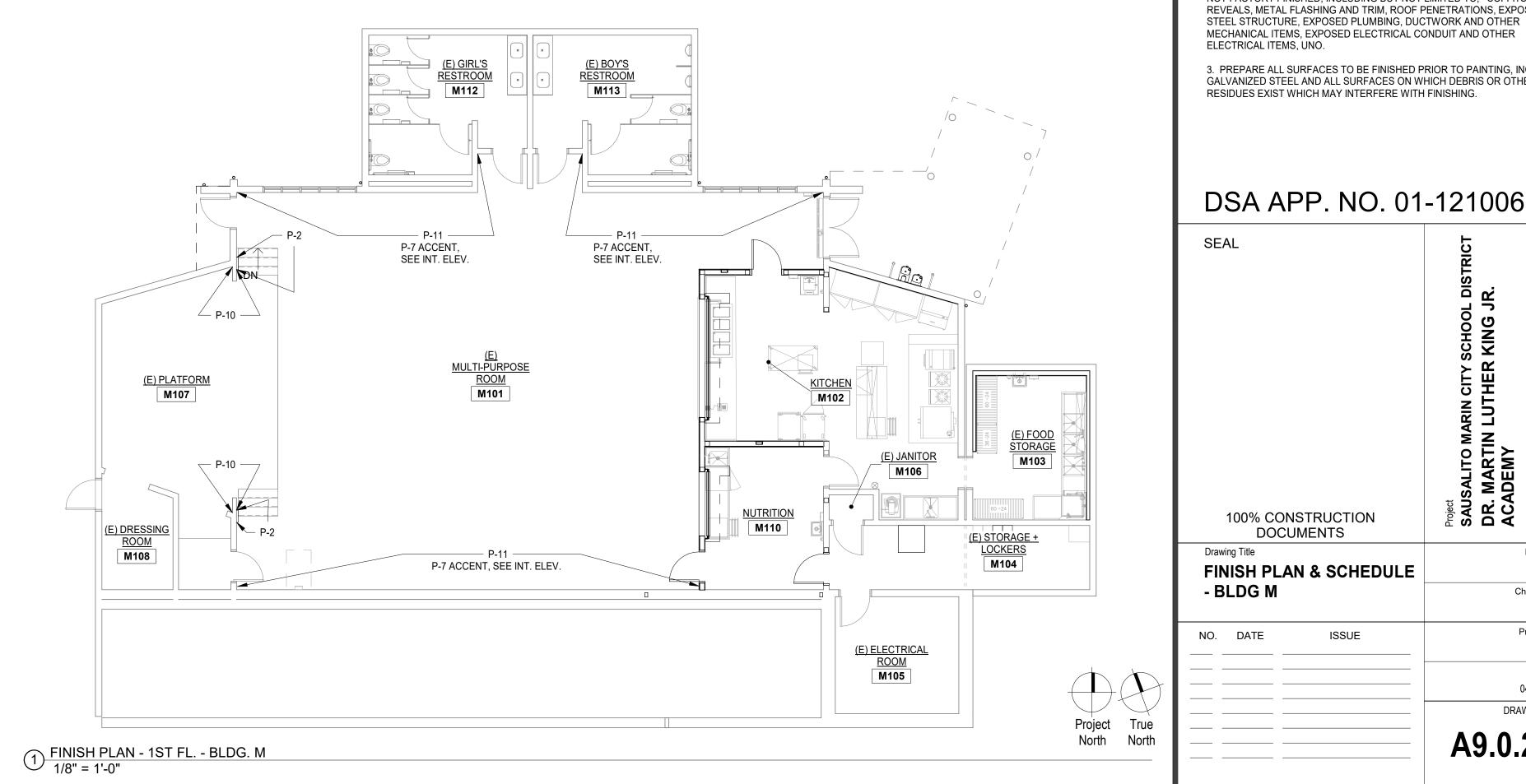
MFG: ARMSTRONG
STYLE: TBD
COLOR: WHITE
SIZE: 24"X24"

SAC-1 SUSPENDED ACOUSTICAL CEILING

LVT-7 CLASSROOM **CLASSROOM** LVT-7 LVT-1 FRP-1 (E) JANITOR P-12 BELOW HORZ. TRIM — M210 RSV-1 M209 CLASSROOM <u>CLASSROOM</u> EXT. ENTRY VESTIBULE LVT-1 LVT-1 M211 LVT-7 C-1 - P-12 BELOW HORZ. TRIM P-12 BELOW HORZ. TRIM

SEE EXTERIOR FLOOR PLAN

2 FINISH PLAN - 2ND FL - BLDG. M 1/8" = 1'-0"





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CBU CEMENTITIOUS BACKER UNIT

FINISH ABBREVIATIONS

EXP EXPOSED STRUCTURE

FCP FIBER CEMENT PANEL

FF FACTORY FINISH GB GYPSUM BOARD - 09 21 16

GBX GYPSUM BOARD, FIRE RATED - 09 21 16 GBMR GYPSUM BOARD, MOISTURE RESISTANT - 09 21 16

MS MASONRY SEALER

PLYWDPLYWOOD, RATED - 06 20 23 RF DK ROOF DECK

UNF UNFINISHED

EPX EPOXY FLOORING, 6" COVED WALL BASE

SC SEALED CONCRETE- 03 35 00 INT COMEEGRAL EPOXY COVE

RES.CRESILIENT RUBBER COVE BASE

CBB CEMENTIOUNS BACKER BOARD

FRL FIBER REINFORCED LAMINATE

FRP FIBREGLASS REINFORCED PLASTIC CT CERAMIC TILE UP TO 6' 8"

SAC SUSPENDED ACOUSTICAL CEILING

OTS OPEN TO STRUCTURE

OTS-1 OPEN TO STRUCTURE WITH SUSPENDED ACOUSTICAL CLOUD PANELS

TB FABRIC WRAPPED TACKBOARD

CP CARPET

LVT LUXURY VINYL TILE

VCT VINYL COMPOSITION TILE

P PAINT

PL PLASTIC LAMINATE

RB 4" RUBBER BASE FINISH REMARKS

1. ALL WALLS TO BE PAINTED P-1 UNLESS NOTED OTHERWISE

2. ALL FLOORS TO BE SC-1 UNLESS NOTED OTHERWISE

3. ALL RESIELENT BASE TO BE PAINTED RB-1 UNLESS NOTED OTHERWISE

4. FOR TILE PATTERNS, SEE ENLARGED RESTROOM PLANS

AND ELEVATIONS

5. PRIME ALL EXPOSED STRUCTURAL STEEL - 09 91 00

6. EXPOSED METAL DECK TO HAVE SITE PAINTED FINISH 7. EXPOSED ELECTRICAL CONDUIT, DUCTWORK AND MECHANICAL

COMPONANTS TO HAVE SITE PAINTED FINISH 8. PROVIDE FRP AT WALLS WITH JANITOR SINK PER INTERIOR

GENERAL NOTES

Project True

North North

1. ALL FINISHES, FURNISINGS AND MATERIALS SHALL MEET THE MINIMUM REQUIREMENTS OF 2019 CBC/CFC CHAPTER 8 AND CCR TITLE 19 FLAME SPREAD AND SMOKE DEVELOPMENT

2. PRIME & PAINT ALL EXPOSED EXTERIOR SURFACES AND ITEMS WHICH ARE NOT FACTORY FINISHED, INCLUDING BUT NOT LIMITED TO; SOFFITS, REVEALS, METAL FLASHING AND TRIM, ROOF PENETRATIONS, EXPOSED STEEL STRUCTURE, EXPOSED PLUMBING, DUCTWORK AND OTHER MECHANICAL ITEMS, EXPOSED ELECTRICAL CONDUIT AND OTHER ELECTRICAL ITEMS, UNO.

3. PREPARE ALL SURFACES TO BE FINISHED PRIOR TO PAINTING, INCLUDING GALVANIZED STEEL AND ALL SURFACES ON WHICH DEBRIS OR OTHER RESIDUES EXIST WHICH MAY INTERFERE WITH FINISHING.

SEAL

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