

IF THE SHOWN AREA IS THE EXACT DIMENSIONAL PAGE SIZE

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

3500 FLORIN RD, SACRAMENTO, CA 95823



HMC Architects

3186068100



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SACRAMENTO, CA 95816
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PROJECT TEAM

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HMC ARCHITECTS
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STRUCTURAL
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1450 HARBOR BLVD, WEST SACRAMENTO, CA 95691
T: (916) 229-6345

MECHANICAL
CAPITAL ENGINEERING
11020 SUN CENTER DR, RANCHO CORDOVA, CA 95670
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ELECTRICAL
EDGE ELECTRICAL CONSULTING
1801 7TH STREET, SACRAMENTO, CA 95811
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PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
COVER SHEET

DATE: 01/10/23 CLIENT PROJ NO: 3156068100
SHEET:

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GENERAL NOTES

- CONSTRUCTION DOCUMENTS DESCRIBE THE PRODUCTS, SYSTEMS, QUANTITIES, CONFIGURATION, AND PERFORMANCE SPECIFICATIONS THAT DELIVER THE OVERALL DESIGN INTENT OF THE PROJECT. THE CONSTRUCTION DOCUMENT DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY BOTH.
- PERFORMANCE BY THE CONSTRUCTION TEAM SHALL BE CONSISTENT WITH THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AS NECESSARY TO DELIVER THE INDICATED RESULTS OF THE DESIGN INTENT.
- VERIFY ALL DIMENSIONS, LOCATIONS OF EXISTING UTILITIES, AND CONDITIONS ON THE JOB SITE PRIOR TO THE START OF WORK OR PORTIONS OF THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS, EXISTING CONDITIONS AS INDICATED AS A RESULT OF FIELD OBSERVATIONS, INFORMATION SHOWN ON AVAILABLE DOCUMENTS AND FIELD CONDITIONS AT THE TIME OF SEPARATION.
- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL GOVERNING CODES, ORDINANCES, REGULATIONS AND LAWS. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS AND SCAFFOLDING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
- DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE.
- ENACT ALL MEASURES TO PROTECT AND SAFEGUARD ALL EXISTING ELEMENTS TO REMAIN FROM BEING DAMAGED, REPLACED OR REPAIR EXISTING ELEMENTS DAMAGED BY THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL COORDINATE BETWEEN THE REQUIREMENTS OF ALL DISCIPLINES HEREIN AND BETWEEN THE REQUIREMENTS OF ALL DRAWINGS AND SPECIFICATIONS IN ORDER THAT ALL ITEMS SATISFACTORILY RELATE TO ONE ANOTHER. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS THAT CANNOT BE COORDINATED.
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, CONDUIT, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. CHANGES TO THE APPROVED DRAWINGS AND/OR SPECIFICATIONS SHALL BE MADE BY ADDENDA OR A CHANGE ORDER. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE EXISTING OR NEW STRUCTURAL ELEMENTS SHALL NOT BE STARTED UNTIL THE DETAILS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT, AND STRUCTURAL ENGINEER OF RECORD.
- ALL WORK SHALL CONFORM TO 2019 EDITION TITLE 24 CALIFORNIA CODE OF REGULATION (CCR).
- THE LIMIT OF WORK LINE SHOWS THESE DRAWINGS IS AN APPROXIMATE LIMIT OF WORK ONLY. REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL WORK, INCLUDING BUT NOT LIMITED TO INSTALLATION OF CONDUIT, MANHOLES, PULLBOXES, ETC WHICH ARE TO BE PART OF THIS WORK. ALTHOUGH OCCURRING OUTSIDE OF SHOWN LIMIT OF WORK LINES, FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT.
- CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24 C.C.R.
- A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, C.C.R. INSPECTOR TO BE CLASS 3 MIN.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT. THE REPORTS SHALL BE SUBMITTED TO ARCHITECT OF RECORD, STRUCTURAL ENGINEER OF RECORD, AND THE DSA FIELD ENGINEER. THE REPORTS OF ANY FAILURES OF TESTS AND INSPECTIONS ARE TO BE SUBMITTED TO DSA DISTRICT STRUCTURAL ENGINEER.
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CFC CHAPTER 33.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION, OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, C.C.R. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE DSA APPROVED CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, C.C.R., A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, C.C.R.)
- CONTRACTOR IS TO REVIEW AND COMPLY WITH ALL REQUIREMENTS AND MITIGATION MEASURES SET FORTH IN BOTH THE ENVIRONMENTAL IMPACT REPORT (EIMR) AND THE ENVIRONMENTAL MITIGATION IMPACT REPORT (EMIR) (SCN NO. 2002071120) INCLUDING ATTACHED BIOLOGICAL RESOURCES TECHNICAL REPORT.
- NO DUMPING OR PLACING OF ANY DIRT OR DEBRIS SHALL BE ALLOWED OUTSIDE OF THE CONTRACTORS LIMIT OF WORK AREA. CONSTRUCTION DOCUMENTS DESCRIBE THE PRODUCTS, SYSTEMS, QUANTITIES, CONFIGURATION, AND PERFORMANCE SPECIFICATIONS THAT DELIVER THE OVERALL DESIGN INTENT OF THE PROJECT.
- THE CONSTRUCTION DOCUMENT DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY BOTH.
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CODES

PARTIAL LIST OF APPLICABLE CODES	PARTIAL LIST OF APPLICABLE STANDARDS
2022 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.	NFPA 13 STANDARD FOR AUTOMATIC FIRE SPRINKLER SYSTEMS (CA AMENDED)
2022 CALIFORNIA ADMINISTRATIVE CODE (CBC), PART 2, TITLE 24 C.C.R.	NFPA 14 STANDARD FOR STANDPIPE AND HOSE SYSTEMS (CA AMENDED)
2015 INTERNATIONAL BUILDING CODE VOLUMES 1 & 2 AND 2016 CALIFORNIA AMENDMENTS)	NFPA 17A STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS
2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.	NFPA 20 STANDARD FOR STATIONARY LIQUID BURNING LIQUID FUELED SYSTEMS
2022 CALIFORNIA ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)	NFPA 22 STANDARD FOR FIRE PROTECTION FOR PRIVATE FIRE WATER TANKS
2022 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.	NFPA 24 STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS
2015 UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)	NFPA 72 NATIONAL FIRE ALARM & SIGNALING CODE (CA AMENDED)
2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.	NFPA 80 STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES
2022 CALIFORNIA PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS)	NFPA 8001 STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS
2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.	UL 300 STANDARD FOR FIRE TESTING OF 2005 FIRE EXTINGUISHING SYSTEMS (R2014)
2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS)	UL 484 STANDARD FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES
2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 C.C.R.	UL 521 STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS
2022 CALIFORNIA EXISTING BUILDING CODE AND 2016 CALIFORNIA AMENDMENTS)	UL 1971 STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED
2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.	ICC 300 STANDARD FOR BLEACHERS, FOLDING AND TELESCOPING SEATING AND GRANDSTANDS
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.	
2013 ASME 18.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS	
2020 ASME 18.1 - SAFETY STANDARDS FOR PLATFORM LISTS AND STAIRWAY CHAIR LIFTS	

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80. SEE CALIFORNIA BUILDING CODE, CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.

STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ ENGINEER WHO UTILIZE PLANS INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER DESIGN PROFESSIONALS AND/OR CONSULTANTS (APPLICATION NO 02-120957, FILE NO 34-417)

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

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

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-338, 4-341 AND 4-344" OF TITLE 24, PART 1, (TITLE 24, PART 1, SECTION 4-317 (B))

I FIND THAT: ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET IS / ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN, AND

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

HAS / HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS. HAS / HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

SIGNATURE DATE 04/05/23 DATE

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

Jeffrey Grau PRINT NAME PRINT NAME

C-14648 LICENSE NUMBER 05/31/23 EXPIRATION DATE LICENSE NUMBER EXPIRATION DATE

NOTE TO CONTRACTOR

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

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

MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

A LIST OF CERTIFIED ATTS CAN BE FOUND AT [HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-PROJECTS/PROGRAMS/ACCEPTANCE-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGRAM/ACCEPTANCE](https://www.energy.ca.gov/programs-and-projects/programs/acceptance-test-technician-certification-provider-program/acceptance)

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

PROJECT INSPECTORS WILL BE COLLECTING THE ACCEPTANCE TESTS HAVE BEEN COMPLETED.

DESIGN CRITERIA

- BUILDING CODE: 2022 CALIFORNIA BUILDING CODE
 - GRAVITY DEAD LOAD OF MARQUEE SIGN = 3000 LB
 - LATERAL LOADS: RISK CATEGORY III
- WIND LOADS (ASCE 7-16)
 BASIC WIND SPEED: 99 MPH (77 MPH ASD)
 EXPOSURE: B
 BUILDINGS ARE CONSIDERED "ENCLOSED"
 PRESSURE COEFFICIENTS:
 WIND DIRECTIONALITY FACTOR, $K_d = 1.00$
 WIND PRESSURE COEFFICIENT, $C_{pe} = 0.85$
 VELOCITY PRESSURE
 $q (15' - 20') = 11.6$ PSF (ASD)
 $q (15' - 20') = 11.6$ PSF (ASD)
- SEISMIC LOADS (ASCE 7-16)
 SEISMIC DESIGN CATEGORY: D
 IMPORTANCE FACTOR: 1.25
 REDUNDANCY, $p = 1.3$
 $S_s = 0.574$ $S_1 = 0.253$
 $F_a = 1.341$ $F_v = 2.094$
 $S_{m1} = 0.787$ $S_{m2} = 0.530$
 $S_{m3} = 0.513$ $S_{m4} = 0.353$

PROJECT DESCRIPTION

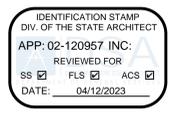
- HVAC REPLACEMENT AT ADMINISTRATION BUILDING AND REVISIONS TO THE (E) HVAC SYSTEM CONTROLS - BUILDING 1
- HVAC SPLIT UNIT ADDITION TO ROOM A15 AT BUILDING 1
- (N) ELECTRONIC MESSAGE SIGN INSTALLATION
- ADDITION OF ELECTRICAL OUTLETS, (4) IN EACH CLASSROOM - BUILDINGS 6, 7, 8, 9, 10, & 11
- CLOCK/SPEAKER UPGRADES
- SITE ADA UPGRADES OUTSIDE SELECT CLASSROOMS - BUILDINGS 4, 6, 7, 8, 9, 10, & 11. SEE A12
- INTERIOR CLASSROOM PAINTING - BUILDINGS 4, 5, 6, 7, 8, 9, 10, & 11
- INTERIOR FLOORING REMOVAL AND ABATEMENT AND REPLACEMENT WITH LVT IN CLASSROOMS - BUILDINGS 4, 5, 6, 7, 8, 9, 10, & 11

PROJECT DATA

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SHEET INDEX

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 - A0-3 TYPICAL MOUNTING HEIGHTS AND DETAILS
 - A1-0 OVERALL SITE PLANS
 - A1-12 ENLARGED SITE PLANS
 - A1-13 SITE DETAILS
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 - A2-14 DEMOLITION FLOOR PLAN - BUILDING 008 & 011
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 - A2-20 IMPROVEMENT FLOOR PLAN - BUILDING 005
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 - M2-01 HVAC FIRST FLOOR PLAN
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 - E2-2-1 POWER PLANS BUILDINGS 6 & 7
 - E2-3-1 POWER PLANS BUILDINGS 10 & 11
 - E2-5-1 PARTIAL POWER PLAN & PARTIAL ROOF POWER PLAN ADMINISTRATION BUILDING
 - E3-0-1 DETAILS
 - E3-0-1 TOTAL SHEET COUNT: 43



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ISSUE

DESCRIPTION	DATE
M0-01 HVAC LEGENDS, NOTES, & SCHEDULES	
M2-01 HVAC FIRST FLOOR PLAN	
M2-02 HVAC ENLARGED FLOOR PLANS	
M2-03 HVAC ROOF PLANS	
M5-01 HVAC DETAILS	
M6-01 HVAC CONTROL DIAGRAMS	
M7-01 HVAC TITLE 24 DOCUMENTATION	

SYMBOL LEGEND

NORTH ARROW

TICK INDICATES PLAN NORTH
 ARROW INDICATES TRUE NORTH

ELEVATION CALLOUT

1 AXXX
 LOCATION ON SHEET
 SHEET WHERE ELEVATION IS DRAWN

ELEVATION CALLOUT (TYPICAL FOR INTERIOR)

A4 AXXX A2
 LOCATION ON SHEET
 SHEET WHERE ELEVATION IS DRAWN

ELEVATION CALLOUT - ALT. (FOR EXTERIOR AND INTERIOR)

19AXXX
 LOCATION & SHEET WHERE ELEVATION IS DRAWN

SECTION CALLOUT

1 XXXX
 INDICATES A SIMILAR CONDITION
 LOCATION ON SHEET
 SHEET WHERE SECTION IS DRAWN

DETAIL CALLOUT

1 XXXX
 INDICATES A SIMILAR CONDITION
 LOCATION ON SHEET
 SHEET WHERE SECTION IS DRAWN

CONTROL OR DATUM POINT

FIRST FLOOR
 NAME OF ELEVATION (IF APPLICABLE)
 ELEVATION ABOVE FINISHED FLOOR
 10'-0"

GRID BUBBLE

EXISTING BUILDING GRID SYMBOL
 GRID NUMBER
 NEW BUILDING GRID SYMBOL

DOOR CALLOUT

DOOR NUMBER

INTERIOR FINISH CALLOUT

MATERIAL FINISH TYPE (SEE FINISH SCHEDULE)

WINDOW CALLOUT

WINDOW NUMBER (SEE WINDOW SCHEDULE)

DISCIPLINE	SHEET TYPE	BUILDING LETTER, SEGMENT, (USER DEFINED)
G GENERAL	0 CODE ANALYSIS, NOTES	
C CIVIL	1 SITE PLAN	
L LANDSCAPE	2 FLOOR PLAN	
I INTERIORS	3 CEILING PLAN	
R ROOF	4 ROOF PLAN	
Q ELEVATIONS	5 EXTERIOR ELEVATIONS	
S STRUCTURAL	6 SECTIONS	
P PLUMBING	7 ENLARGED PLANS	
M MECHANICAL	8 INTERIOR ELEVATIONS	
E ELECTRICAL	9 SCHEDULES	
FA FIRE ALARM	10 DETAILS	
T TELECOM		
FP FIRE PROTECTION		

DISCIPLINE SHEET TYPE SERIES/ORDER USER DEFINED

A 1 . 1 1 A . A

BUILDING LETTER (IF APPLICABLE) FLOOR LEVEL OR SEQUENTIAL ORDER SEGMENT (IF APPLICABLE)

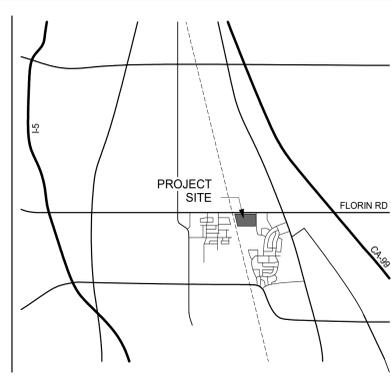
ABBREVIATIONS

(E) EXISTING	FRP FIBERGLASS REINFORCED PLASTIC	PTC POST TENSIONED CONCRETE
AB ANCHOR BOLT	FRT FIRE RETARDANT TREATED	PTD PAPER TOWEL DISPENSER
AC ASPHALTIC CONCRETE PAVING	FS FINISH SURFACE	PTS PARTITION
ACC ACCESS/ACCESSIBLE	FTG FOOTING	PTS PNEUMATIC TUBE STATION / SYSTEM
ACP ACOUSTICAL CEILING PANEL	GB GRAB BAR	PVC POLY VINYL CHLORIDE
ACT ACOUSTICAL CEILING TILE	GRFC GLASS FIBER REINFORCED CONCRETE	PVMT PAVEMENT
ADJ ADJACENT/ADJUSTABLE	GL GLASS TYPE	QT QUARRY TILE
AFF ABOVE FINISH FLOOR	GLB GLUE LAMINATED BEAM	QRB QUARRY TILE
AGG AGGREGATE	GYP BD GYPSUM BOARD	R RESILIENT BASE
AHU AIR HANDLING UNIT	GYP PLAS GYPSUM PLASTER	RDF ROOF DRAIN
ARCH ARCHITECTURAL	HD HEAVY DUTY	RCE RECEIPT
ATT ATTENUATION	HDR HEADER	REF REFERENCE
AUTO AUTOMATIC	HDR HARDWARE	REFL REFLECTED (IVE)
BD BOARD	HGT HEIGHT	REFL REFLECTED (IVE)
BLGC BLOCKING	HM HOLLOW METAL	REFR REFRIGERATOR
BUR BUILT UP ROOFING	HP HIGH POINT	REINF REINFORCE/REINFORCED/ REINFORCEMENT
CABT CABINET	HSP HOLLOW POINT	REMOVE REMOVE
CF CUBIC FEET	HSS HOLLOW STEEL SECTION	REM ROUND HEAD SCREW
CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	ID INSIDE DIAMETER	RHS ROUND HEAD SCREW
CFOI CONTRACTOR FURNISHED, OWNER INSTALLED	INT INVERT	RO ROUGH OPENING
CG CORNER GUARD	LANDS LANDSCAPE	ROW RIGHT OF WAY
CGJ CONTROL JOINT	LAV LAWN	SCHED SCHEDULE (FOR PIPE)
CL CHAIN LINK FENCE	LLH LONG LEG HORIZONTAL	SCHED SCHEDULE / SCHEDULING
CLF CLEAR	LLV LONG LEG VERTICAL	SD STORM DRAIN / SOAP DISPENSER
CMU CONCRETE MASONRY UNIT	LP LOW POINT	SECT SECTION
CO CLEANOUT	LT WT LIGHT WEIGHT	SG SAFETY GLASS
COL COLUMN	LVR LOUVER	SHT SHEET
COMP COMPRESSION / COMPOSITE	MACH MACHINE	SHTG SHEATHING
COF CUBIC FEET	MB MACHINE BOLT	SMS SHEET METAL SCREW
COORD COORDINATE	MDF MEDIUM DENSITY FIBERBOARD	SND SANITARY NAPKIN DISPOSAL
CORR CORRUGATED	MECH MECHANICAL	SHUT SHUT (VALVE)
CT CERAMIC TILE	MEMB MEMBRANE	SPEC SPECIFICATIONS
CTSK COUNTER SKUNK	MFR MANUFACTURER	SS STAINLESS STEEL
OW CURTAIN WALL	MH MANHOLE	STC SOUND TRANSMISSION CLASS
DEPR DEPRESSED / DEPRESSION	MO MOUNTED	STL SELF TAPPING SHEET METAL
DF DRINKING FOUNTAIN	MTL METAL	SCREW SCREW
DISP DISPENSER	MT NOT IN CONTRACT	SUSP SUSPENDED
DS DOWNSPOUT	NR NON RATED	SV SHEET VINYL
DTL DETAIL	NRC NOISE REDUCTION COEFFICIENT	SYM SYMMETRICAL
DW DASH WAY	O OVER	T&B TOP AND BOTTOM
EW EACH WAY	O/A OVERALL	TO TOP OF CURB / CONCRETE
EIFS EXTERIOR INSULATION FINISH SYSTEM	OC ON CENTER	TOP TOP OF PARAPET
EJ EXPANSION JOINT	OD OUTSIDE DIAMETER	TOS TOP OF STEEL
ELEC ELECTRICAL	OFCI OWNER FURNISHED, CONTRACTOR INSTALLED	TPD TOILET PAPER DISPENSER
ELEV ELEVATION / ELEVATOR	OFI OWNER FURNISHED, OWNER INSTALLED	TS TACKLE SURFACE
ENCL ENCLOSE / ENCLOSURE	OFVI OWNER FURNISHED, VENDOR INSTALLED	UC UNDER CABINET (OR COUNTER UNLESS NOTED OTHERWISE)
EOS EDGE OF SLAB	OH OPPOSITE HAND	UNO UNO
EP ELECTRICAL PANEL	OPER OPERABLE	UR UNIFORM
EQ EQUAL	OPNG OPENING	VAC VACUUM
ESC ELECTRIC THEON	ORD OVERFLOW ROOF DRAIN	VB VAPOR BARRIER
EWC ELECTRIC WATER COOLER	PA PUBLIC ADDRESS	VCT VINYL COMPOSITION TILE
EXP EXPOSED	PAF POWDER ACTUATED FASTENER	VER VERIFY IN FIELD
FA FIRE ALARM	PCC PORTLAND CEMENT CONCRETE	VFR VENT THROUGH ROOF
FD FLOOR DRAIN	PAY PAINTING	W/W WITH
FDC FIRE DEPARTMENT CONNECTION	PERF PERFORATED	W/O WITHOUT
FE FIRE EXTINGUISHER	PERM PERIMETER	WB WOOD BASE
FEC FIRE EXTINGUISHER W/ CABINET	PERP PERPENDICULAR	WC WATER CLOSET
FF FINISH FLOOR	PH PANIC HARDWARE	WOOD WOOD
FG FINISH GRADE	PV POST INDICATOR VALVE	WDW WINDOW
FH FIRE HYDRANT	PL PLASTER	WG WEIGHT
FHC FIRE HOSE CABINET	PLM PLASTER MASONRY	WH WATER HEATER
FSH FLAT HEAD SCREW	PLUMB PLUMBING	WIP WATERPROOFING/WALL PROTECTION
FIN FINISH	PNL PANEL	WR WATER RESISTANT
FIR FLOOR	PNT PAINT / PAINTED	WRGB WATER RESISTANT GYPSUM BOARD
FOC FACE OF CONCRETE	POC POINT OF CONNECTION	WS WOOD SCREW
FOF FACE OF FINISH	PREP PREPARATION	WSCT WAINSCOT
FOM FACE OF MASONRY		WWF WELDED WIRE FABRIC
FS FACE OF STUD		
FP FIREPROOFING		
PREFIN FIRE RATED		
FRG FIRE RATED GLASS		

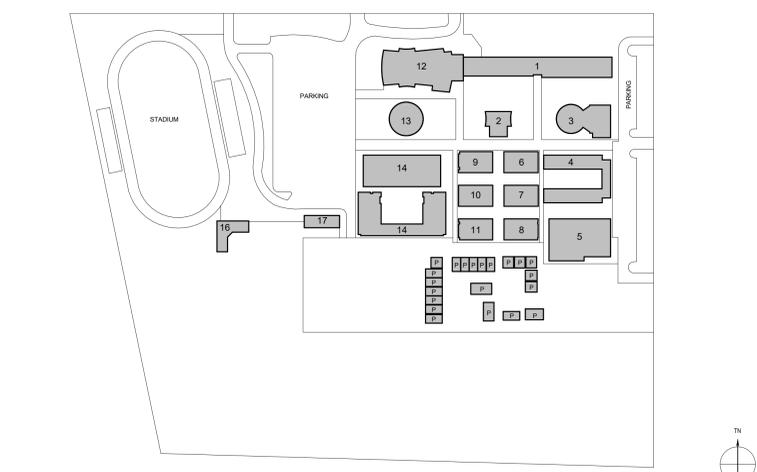
STATE MAP



VICINITY MAP



OVERALL SITE PLAN



FACILITY:

3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
PROJECT DATA SHEET

DATE: 01/10/23 CLIENT PROJ NO: 3156068100

SHEET:

G0.11

DSA-810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

PROJECT INFORMATION

School District: Sacramento City Unified School District
 Project name / school: Luther Burbank High School
 Project address: 3500 Florin Rd, Sacramento, CA 95823

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? **Yes** **No** **X**
(If yes, provide a copy of the test data)

2. Was the fire hydrant water flow test performed as part of this LFA review? **Yes** **No** **X**

3. Is the project located within a designated fire hazard severity zone as established by Cal-Fire?
(If yes, indicate fire hazard zone classification below) **Yes** **No** **X**

Refer to the following for fire hazard zone locations:
www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones_maps Moderate High Very High

Wildland Interface Area (WIFA)
(If any designations are checked, project design must meet the requirements of CBC Chapter 7A) WIFA

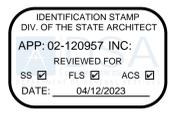
CONDITION MEANS AND METHODS RESOLUTION	ALTERNATE ACCEPTED		
	Yes	No	N/A N/R
4. Emergency vehicle access roadways do not meet CFC requirements			X
4a. Acceptable Alternative: Emergency vehicle and personnel access as proposed by the architect is acceptable for providing fire suppression and protection of life and property			X
5. Fire Hydrants: Number and spacing does not meet CFC requirements			X
5a. Acceptable Alternative: Number of fire hydrants and spacing as proposed by the architect is acceptable for fire suppression and protection of life and property			X
6. Fire Hydrants: Water flow and pressure are less than CFC minimum.			X
6a. Acceptable Alternative: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.			X
7. Location of fire department connection(s) serving fire sprinkler system or standpipe system does not meet CFC requirements.			X
7a. Acceptable Alternative: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.			X

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: _____
 LFA Review Official: _____
 Title: _____ Work Phone: _____
 Work Email: _____
 LFA Reviewer's Signature: _____ Date: _____

School District Acceptance of Acceptable Design Alternates
 By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements as indicated by one or more of the conditions indicated at items 4a, 5a, 6a, or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____
 Signature: _____ Date: _____



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ISSUE	DESCRIPTION	DATE

LEGEND

- PROPERTY LINE
- X (E) BUILDING
- 20'-0" CLEAR FIRE ACCESS LANE
- CONCRETE WALK / PAVING
- (E) CHAIN LINK FENCE
- (E) FIRE HYDRANT

NOTES

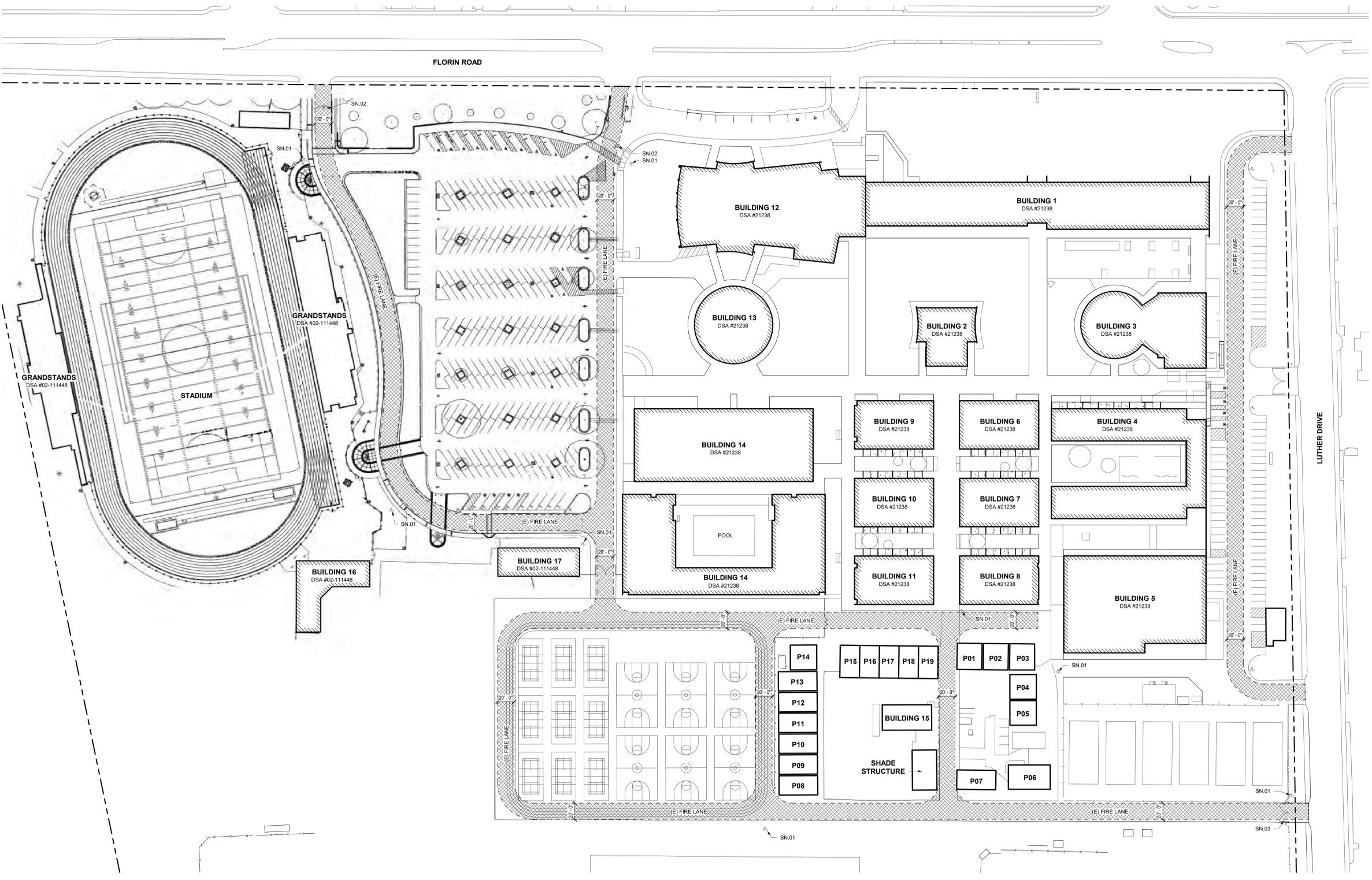
SN.01 (E) FIRE HYDRANT
 SN.02 (E) SWING GATE WITH KNOX BOX
 SN.03 (E) CHAIN LINK GATE WITH KNOX BOX

FACILITY:
3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
FIRE ACCESS PLAN

DATE: 09/27/20 CLIENT PROJ NO: 3156068100
 SHEET:



1 FIRE ACCESS SITE PLAN
 1" = 50'-0"

THE LINE SHOWN ABOVE IS PROPERTY INFORMATION AND NOT PART OF THE ARCHITECTURAL DESIGN.
 C:\Users\mcmj\Documents\Aby\Local Files\3186068100 Luther Burbank HS_Abbigail McGinn\1.rvt 4/8/2023 2:28:35 PM

BUILDING CODE INFORMATION			
BUILDING NAME	OCCUPANCY	CONST. TYPE	SPRINKLERED?
BUILDING 1 - ADMINISTRATION / CLASSROOMS	E-1	UNKNOWN	NO
BUILDING 2 - LIBRARY	AZ-1	V-N	NO
BUILDING 3 - CAFETERIA / KITCHEN	E-1	V-1 HR	NO
BUILDING 4 - CLASSROOMS	E-1	V-N	NO
BUILDING 5 - CLASSROOMS	E-1	III-N	NO
BUILDING 6 - CLASSROOMS	E-1	V-N	NO
BUILDING 7 - CLASSROOMS	E-1	V-N	NO
BUILDING 8 - CLASSROOMS	E-1	V-N	NO
BUILDING 9 - CLASSROOMS	E-1	V-N	NO
BUILDING 10 - CLASSROOMS	E-1	V-N	NO
BUILDING 11 - CLASSROOMS	E-1	V-N	NO
BUILDING 12 - THEATER	AZ 1/E-1	V-N	NO
BUILDING 13 - MUSIC	E-1	V-N	NO

EXISTING PARKING CALCULATION			
(E) PARKING LOT 1	STANDARD STALLS	260	
	STANDARD ACCESSIBLE STALLS	12 PROVIDED	(7 REQUIRED*)
	VAN ACCESSIBLE STALLS	3 PROVIDED	(2 REQUIRED**)
	TOTAL STALLS		
(E) PARKING LOT 2	STANDARD STALLS	73	
	STANDARD ACCESSIBLE STALLS	3 PROVIDED	(3 REQUIRED*)
	VAN ACCESSIBLE STALLS	1 PROVIDED	(1 REQUIRED**)
	TOTAL STALLS		
*STANDARD ACCESSIBLE STALLS PER 2022 CBC TABLE 11B-208.2 (51-75 STALLS: MIN. 3 ACCESSIBLE STALLS REQUIRED)			
**VAN ACCESSIBLE STALLS PER 2022 CBC 11B-208.2.4 (201-300 STALLS: MIN. 7 ACCESSIBLE STALLS REQUIRED)			
***VAN ACCESSIBLE STALLS PER 2022 CBC 11B-208.2.4 (1 VAN ACCESSIBLE STALL REQUIRE FOR EVERY 6 OR FRACTION OF 6 ACCESSIBLE STALLS REQUIRE)			

EXISTING PATH OF TRAVEL (P.O.T.): ARCHITECT STATEMENT

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE IN CHARGE STATEMENT:
 THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS AS PART OF THE DESIGN OF THIS PROJECT. THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS, OR PORTIONS OF THE P.O.T. THAT WERE IDENTIFIED TO BE NON-COMPLIANT: 1. HAVE BEEN IDENTIFIED AND 2. THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS, AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS.

ANY NON-COMPLIANT ELEMENTS, COMPONENTS, OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HANDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

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

- ACCESSIBLE PATH OF TRAVEL (P.O.T.)**
- SITE WALKWAYS SHALL PROVIDE A BARRIER-FREE P.O.T. ABRUPT CHANGES IN LEVEL ALONG ANY P.O.T. ARE ALLOWED UP TO 1/2" ONLY LABRUPT CHANGES IN ELEVATION UP TO 1/4" ARE ALLOWED TO HAVE A VERTICAL TRANSITION. ABRUPT CHANGES IN ELEVATION BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:UNIT VERTICAL TO 2:UNITS HORIZONTAL.
 - WALKWAYS SHALL BE FREE OF GRATINGS WHEREVER POSSIBLE. GRATING WHICH OCCUR WITHIN THE P.O.T. SHALL HAVE OPENINGS WHICH DO NOT EXCEED 1/2" IN THE DIRECTION OF TRAVEL PER CBC SECTION 11B-302.3
 - AN ABRUPT DROP-OFF CHANGE IN ELEVATION AT THE EDGE OF ANY WALK INTO AN ADJACENT PLANTER SHALL NOT EXCEED 4"
 - SLOPES IN THE DIRECTION OF THE P.O.T. GREATER THAN 1 UNIT VERTICAL TO 20 UNITS HORIZONTAL SHALL BE CONSIDERED A RAMP AND WILL REQUIRE HANDRAILS ON BOTH SIDES PER CBC SECTION 11B-505 SLOPES IN THE DIRECTION OF THE P.O.T. SHALL NOT EXCEED 5%. CROSS SLOPES IN THE P.O.T. ALONG WALKWAYS SHALL NOT EXCEED 2%.
 - ALL WALKWAYS WITHIN THE P.O.T. SHALL BE A MINIMUM OF 48" IN WIDTH. SURFACES WITH A SLOPE OF 5% OR LESS SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT PROVIDED BY A LIGHT BROOM FINISH. SURFACES WITH A SLOPE OF MORE THAN 5% SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT PROVIDED BY A MEDIUM BROOM FINISH.
 - OBJECTS PROTRUDING INTO THE P.O.T. SHALL NOT REDUCE THE CLEAR WIDTH OR MANEUVERING SPACES WITHIN THE P.O.T. PER CBC SECTION 11B-307
 - PASSING SPACES (11B-403.5.3) OF 6' X 80" MIN. ARE LOCATED NOT MORE THAN 200' APART. WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE 60" IN LENGTH LEVEL RESTING AREAS (11B-403.7) NOT MORE THAN 400' APART. P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN. (11B-307.4) AND FREE OF PROTRUDING OBJECTS (11B-307) GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND LESS THAN 80". OBJECTS PROTRUDING INTO THE P.O.T. SHALL NOT REDUCE THE CLEAR WIDTH OR MANEUVERING SPACE REQUIRED FOR ACCESSIBLE ROUTES (11B-307.5)

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-120957 INC.
 REVIEWED FOR:
 SS FLS ACS
 DATE: 04/12/2023

HMC Architects
 3186068100
 2101 CAPITOL AVE SUITE 100,
 SACRAMENTO, CA, 95816
 916 368 7900 / www.hmcarchitects.com



ISSUE	
DESCRIPTION	DATE

- LEGEND**
- PROPERTY LINE
 - X EXISTING BUILDINGS
 - CONCRETE WALK / PAVING
 - (E) CHAIN LINK FENCE
 - ACCESSIBLE PATH OF TRAVEL, SEE DEFINITION ON THIS SHEET
 - (E) RESTROOM, ACCESSIBLE AS NOTED

- NOTES**
- SN.01 (E) FIRE HYDRANT
 - SN.02 (E) SWING GATE WITH KNOX BOX
 - SN.03 (E) CHAIN LINK GATE WITH KNOX BOX
 - SN.04 (E) SWING GATE
 - SN.05 (E) TOW AWAY SIGN. SEE DSA APP #02-105804 DETAIL 5/C3.1
 - SN.06 (E) ELECTRONIC MESSAGE SIGNAGE
 - SN.07 (E) ACCESSIBLE PEDESTRIAN GATE. SEE DSA APP #02-114957 DETAILS 8 & 9/C4.1
 - SN.08 UPGRADE (E) CONCRETE WALK
 - SN.09 NEW ELECTRICAL OUTLETS TO BE ADDED TO EACH CLASSROOM. SEE ELECTRICAL DRAWINGS

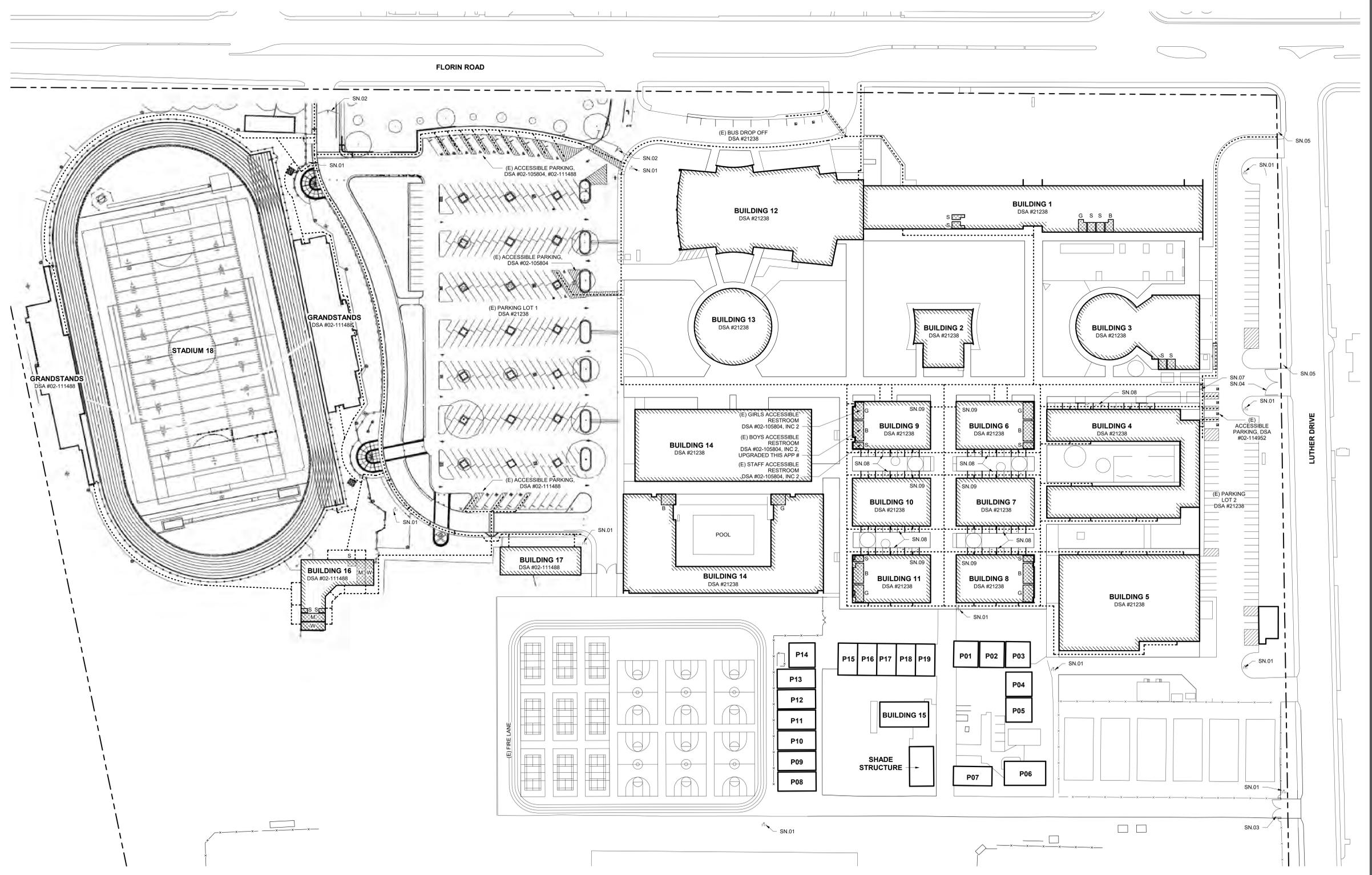
FACILITY:
3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
CODE INFORMATION SITE PLAN

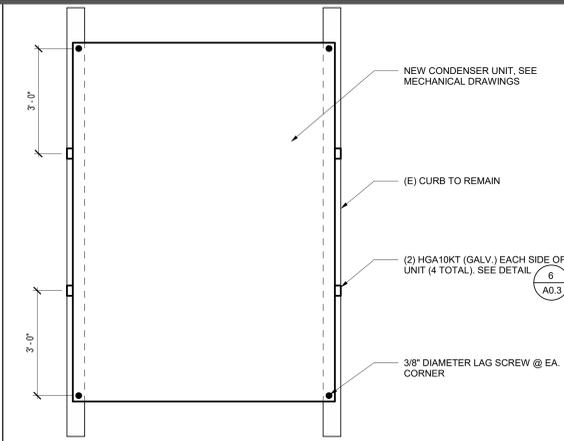
DATE: 09/27/20 CLIENT PROJ NO.: 3156068100

SHEET:

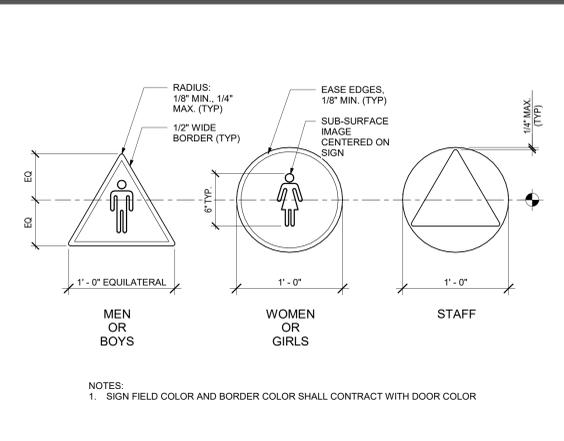


1 CODE INFORMATION SITE PLAN
 1" = 50'-0"

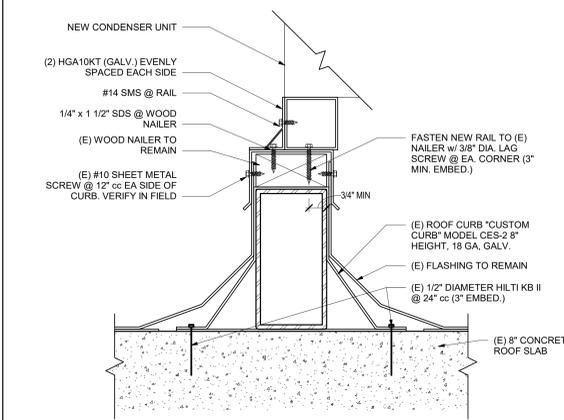
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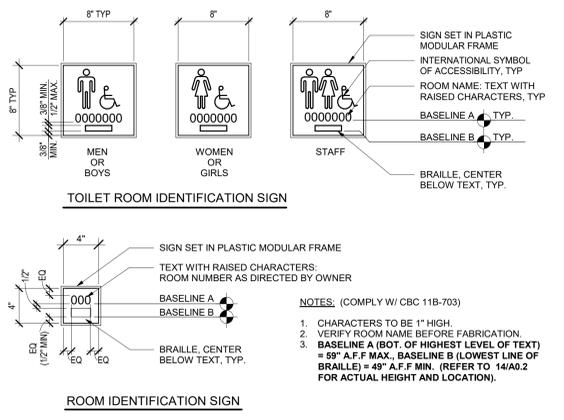
5 CONDENSER UNIT PLAN VIEW DETAIL
1/2" = 1'-0"



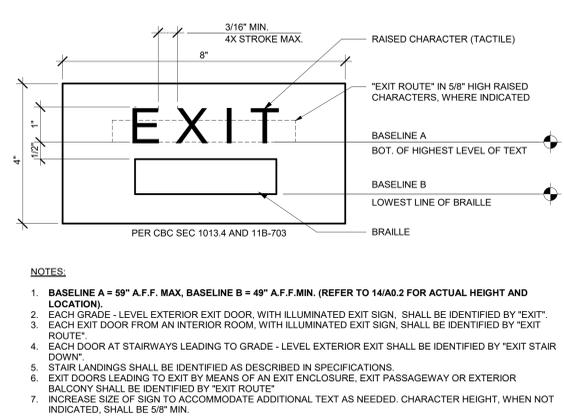
1 TOILET ROOM DOOR SYMBOLS
1 1/2" = 1'-0"



6 CONDENSER UNIT ANCHORAGE DETAIL
3" = 1'-0"



2 IDENTIFICATION SIGNS
1 1/2" = 1'-0"



3 TACTILE EXIT SIGNAGE
6" = 1'-0"

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ISSUE

DESCRIPTION	DATE

- GENERAL NOTES**
- TYPICAL MOUNTING HEIGHTS AND DETAILS APPLY TO ENTIRE PROJECT, WHETHER REFERENCED OR NOT, UNLESS OTHERWISE NOTED.
 - ALL DISABLED ACCESSIBLE DIMENSIONS, ARE MAXIMUM DIMENSIONS UNLESS OTHERWISE NOTED.
 - HEIGHTS ARE MEASURED FROM FINISH FLOOR, UNLESS OTHERWISE NOTED.

FACILITY:
3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
TYPICAL MOUNTING HEIGHTS AND DETAILS

DATE: 06/04/19 CLIENT PROJ NO: 3156068100

SHEET:

THE LINE SHOWN ABOVE IS PROPERTY OF HMC ARCHITECTS. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

BUILDING DESIGNATIONS

- | | |
|--|---------------------------|
| BUILDING 1 - ADMINISTRATION / CLASSROOMS | BUILDING P01 - CLASSROOM |
| BUILDING 2 - LIBRARY | BUILDING P02 - CLASSROOM |
| BUILDING 3 - CAFETERIA / KITCHEN | BUILDING P03 - CLASSROOM |
| BUILDING 4 - CLASSROOMS | BUILDING P04 - CLASSROOM |
| BUILDING 5 - CLASSROOMS | BUILDING P05 - CLASSROOM |
| BUILDING 6 - CLASSROOMS | BUILDING P06 - GREENHOUSE |
| BUILDING 7 - CLASSROOMS | BUILDING P07 - CLASSROOM |
| BUILDING 8 - CLASSROOMS | BUILDING P08 - CLASSROOM |
| BUILDING 9 - CLASSROOMS | BUILDING P09 - CLASSROOM |
| BUILDING 10 - CLASSROOMS | BUILDING P10 - CLASSROOM |
| BUILDING 11 - CLASSROOMS | BUILDING P11 - CLASSROOM |
| BUILDING 12 - THEATER | BUILDING P12 - CLASSROOM |
| BUILDING 13 - MUSIC | BUILDING P13 - CLASSROOM |
| BUILDING 14 - GYMNASIUM / POOL | BUILDING P14 - CLASSROOM |
| BUILDING 15 - UTILITY | BUILDING P15 - CLASSROOM |
| BUILDING 16 - CONCESSIONS | BUILDING P16 - CLASSROOM |
| BUILDING 17 - CLASSROOMS | BUILDING P17 - CLASSROOM |
| BUILDING 18 - STADIUM | BUILDING P18 - CLASSROOM |
| BUILDING 19 - STORAGE | BUILDING P19 - CLASSROOM |

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
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HMC Architects

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ISSUE	
DESCRIPTION	DATE

LEGEND

- PROPERTY LINE
- EXISTING BUILDINGS
- CONCRETE WALK / PAVING
- CHAIN LINK FENCE

GENERAL NOTES

- CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AS NEEDED DURING CONSTRUCTION TO SECURE AREA OF WORK.
- CONTRACTOR SHALL RESTORE TO ITS ORIGINAL WORKING CONDITION ALL EXISTING WORK THAT IS IMPACTED, DAMAGED, OR DESTROYED AS A RESULT OF ANY CONTRACTOR WORK INCLUDING BUT NOT LIMITED TO PAVING, HARDSCAPING, LANDSCAPING, STRUCTURES, IRRIGATION AND SPRINKLER SYSTEMS, AND UTILITIES.
- CONTRACTOR TO FIELD VERIFY LOCATION OF (E) UTILITIES AND NOTIFY THE DISTRICT OF ANY CONFLICTS WITH PROPOSED WORK TO BE INSTALLED.

NOTES

- SN.01 REMOVE (E) ELECTRONIC MESSAGE SIGNAGE AND RELATED SUPPORT SYSTEM. INSTALL NEW ELECTRONIC MESSAGE SIGNAGE AND SUPPORT SYSTEM AND AS SPECIFIED PER DETAILS 5-16/A1.13
- SN.02 (E) SWING GATE WITH KNOX BOX
- SN.03 (E) CHAIN LINK GATE WITH KNOX BOX
- SN.04 (E) SWING GATE

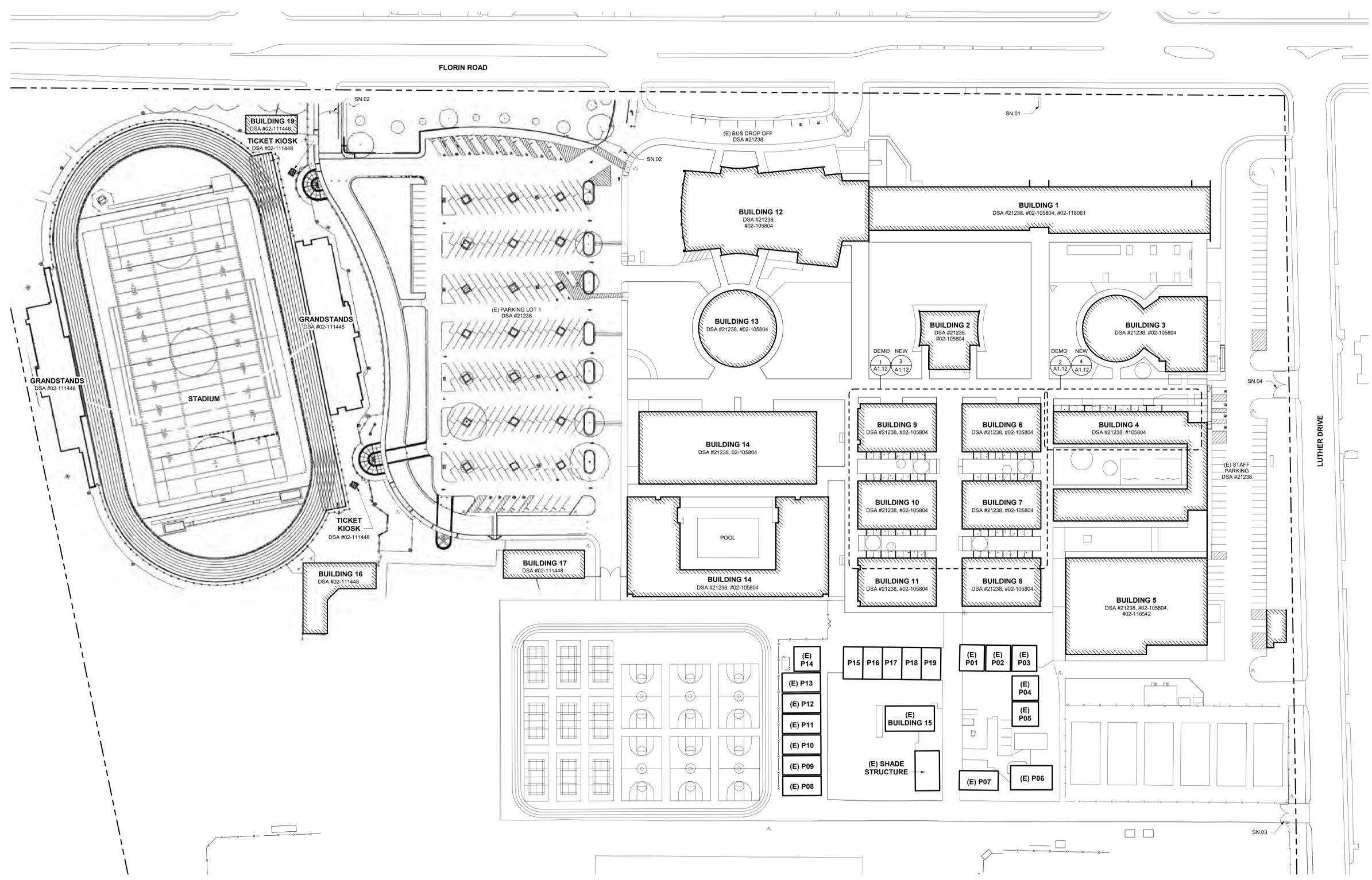
FACILITY:
 3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
 LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
 OVERALL SITE PLAN

DATE: 09/27/20 CLIENT PROJ NO: 3156068100

SHEET:

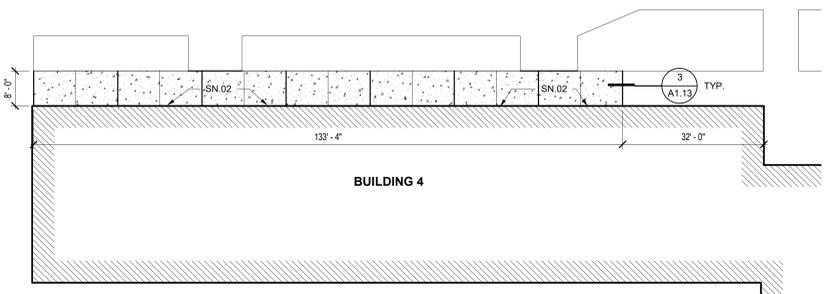


1 OVERALL SITE PLAN
 1" = 50'-0"

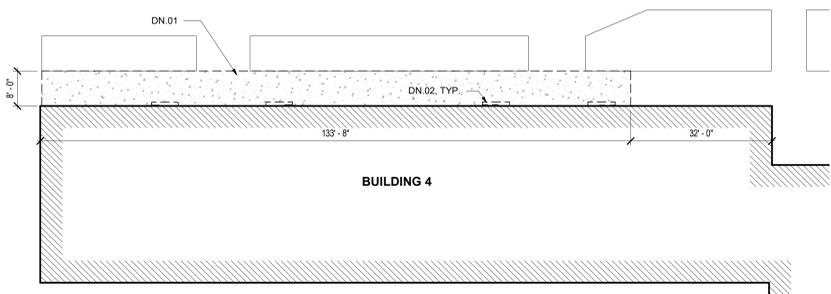
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C:\Users\amcgm\Documents\AbyLocal Files\186668000 Luther Burbank HS_Abbigail McElm\1.rvt 4/6/2023 2:29:42 PM

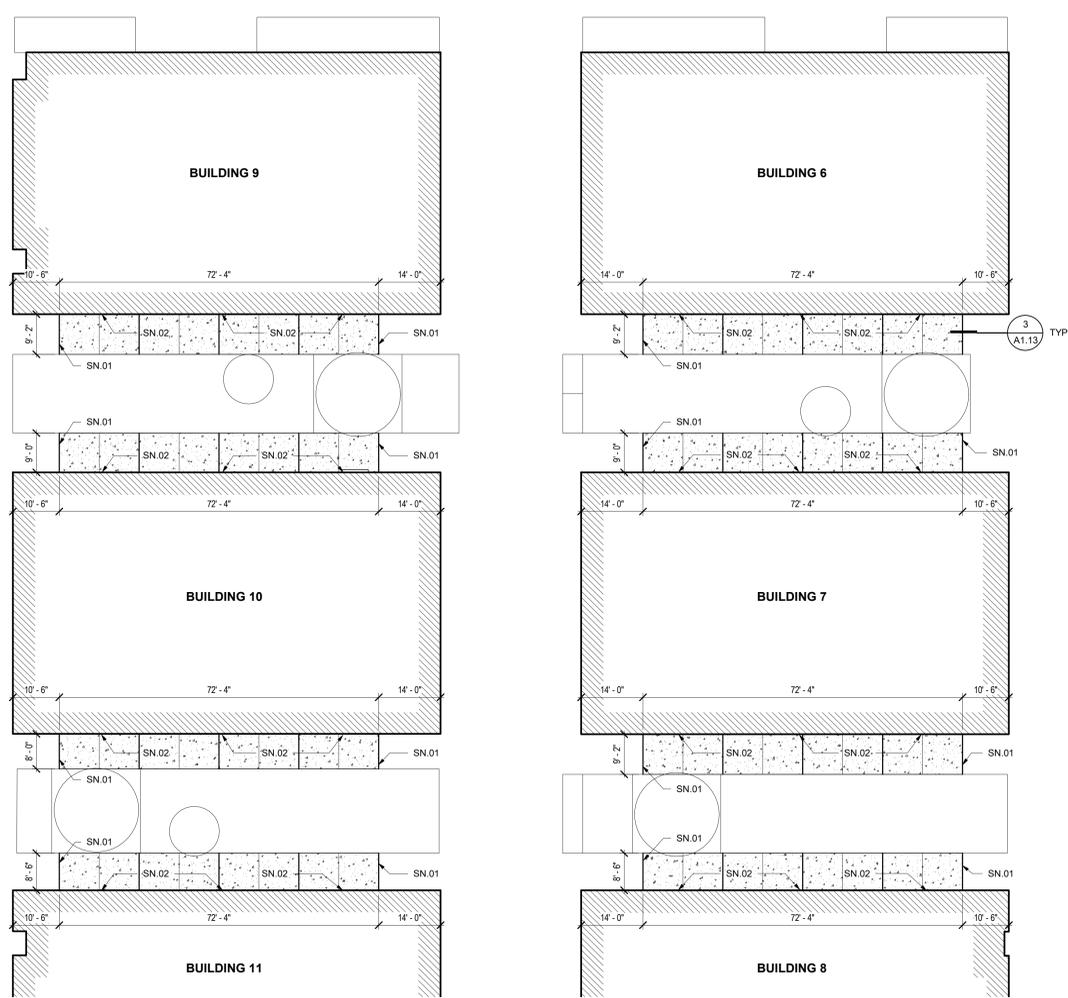
IDENTIFICATION STAMP
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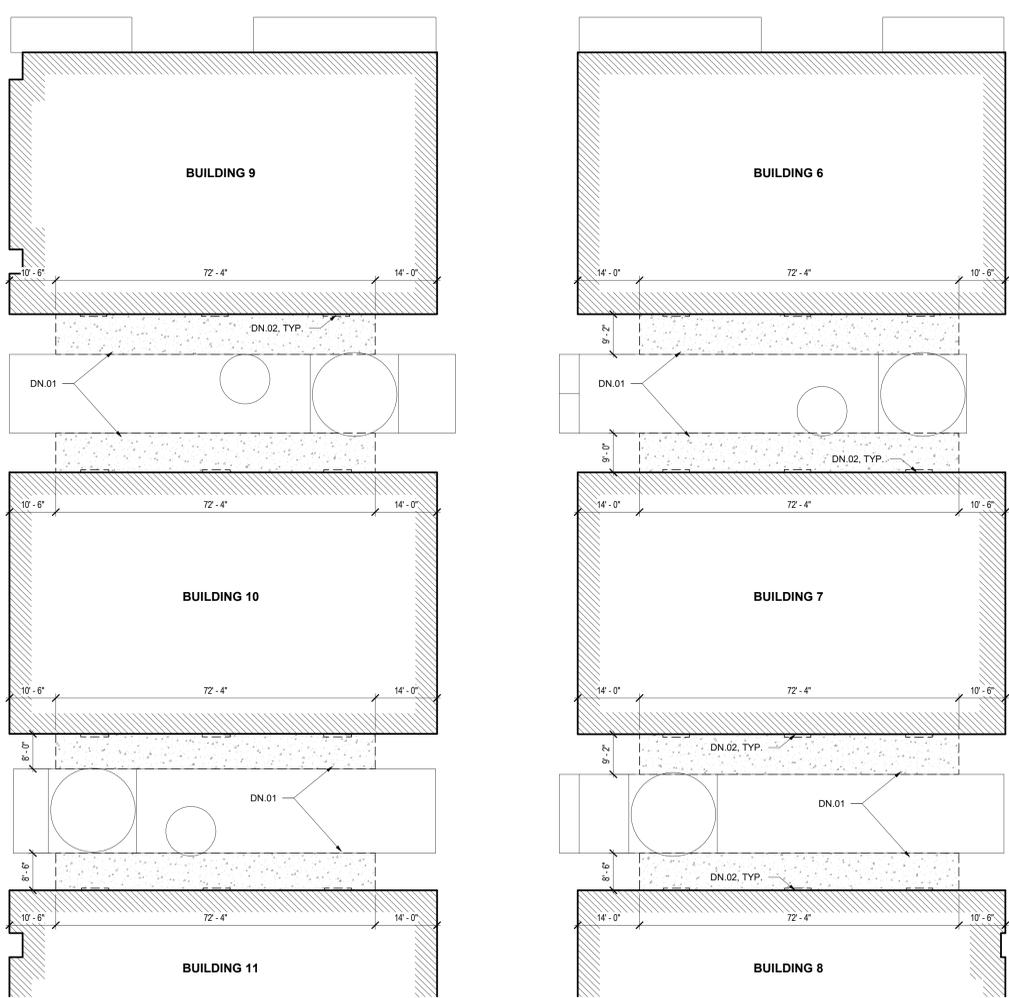
4 ENLARGED SITE PLAN AT BUILDING 4
 1/16" = 1'-0"



2 DEMOLITION SITE PLAN AT BUILDING 4
 1/16" = 1'-0"



3 ENLARGED SITE PLAN AT CLASSROOM BUILDINGS
 1/16" = 1'-0"



1 DEMOLITION SITE PLAN AT CLASSROOM BUILDINGS
 1/16" = 1'-0"

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ISSUE

DESCRIPTION	DATE

LEGEND

- EXISTING BUILDINGS
- CONCRETE WALK / PAVING: 4" PCC WITH #4 BARS AT 18" O.C. EACH WAY ON SUBGRADE COMPACTED TO 95%, SEE 2 A1.13
- CONTROL JOINT (10'-0" MAX. SPACING)
- EXPANSION JOINT (20'-0" MAX. SPACING)

GENERAL NOTES

1. NEW CONCRETE TO HAVE MAXIMUM SLOPE OF 5% ALONG DIRECTION OF TRAVEL AND 2% CROSS SLOPE.
2. ADJUST TO FINISH GRADE ALL BOXES, FRAMES, COVERS SLEEVES, POST HOLES, GRATES, ETC. FOUND IN NEW CONCRETE PAVING AREAS WHICH ARE NOT NOTED FOR REMOVAL. CLEAN OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.
3. CONTRACTOR SHALL RESTORE TO ITS ORIGINAL WORKING CONDITION ALL EXISTING WORK THAT IS IMPACTED, DAMAGED, OR DESTROYED AS A RESULT OF ANY CONTRACTOR WORK INCLUDING BUT NOT LIMITED TO PAVING, HARDSCAPING, LANDSCAPING, STRUCTURES, IRRIGATION AND SPRINKLER SYSTEMS, AND UTILITIES.
4. WHERE SAWCUTS ARE NECESSARY, THEY SHALL BE A NEAT STRAIGHT LINE, SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST LOCATION OF DEMOLITION AS SHOWN.

DEMOLITION NOTES

- DN.01 DEMO (E) CONCRETE PAVING TO RECEIVE NEW WORK
- DN.02 REMOVE (E) RUBBER THRESHOLD IN ITS ENTIRETY

NOTES

- SN.01 MATCH EXISTING GRADE/ELEVATION. SEE DETAIL 3 A1.13
- SN.02 MATCH FINISH FLOOR ELEVATION AT DOOR

FACILITY:
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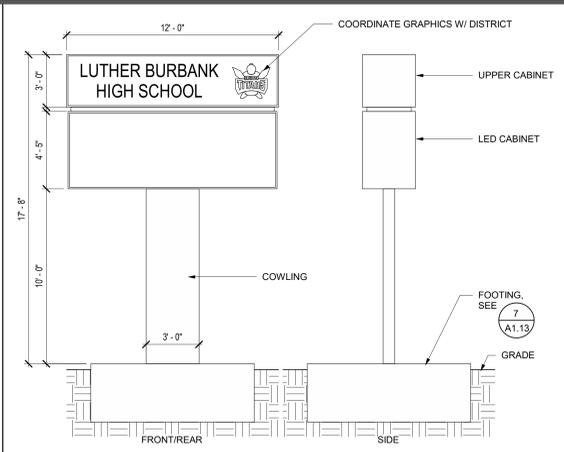
PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
ENLARGED SITE PLANS

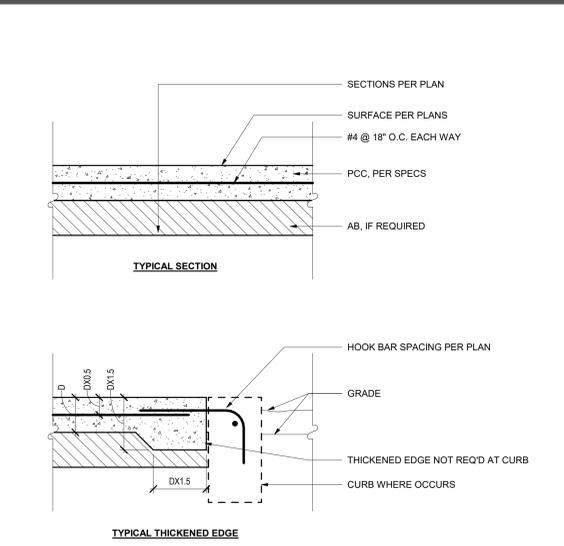
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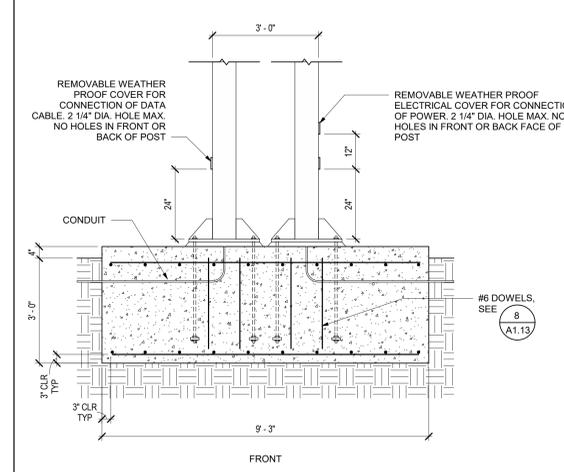
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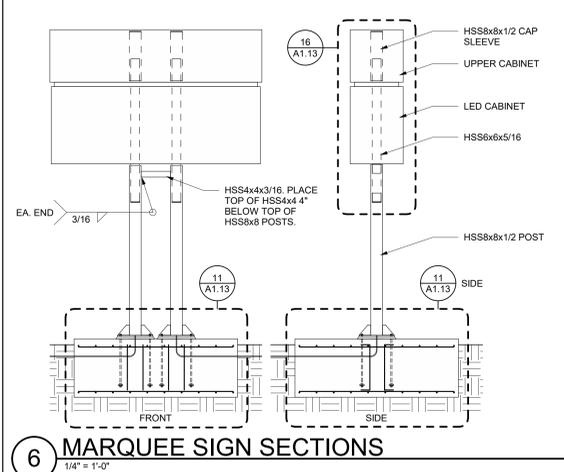
5 MARQUEE SIGN ELEVATIONS
1/4" = 1'-0"



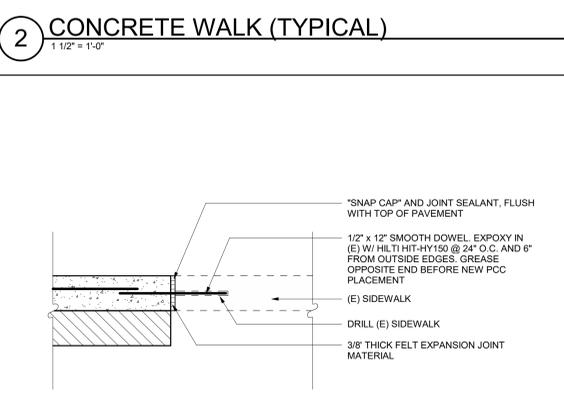
2 CONCRETE WALK (TYPICAL)
1 1/2" = 1'-0"



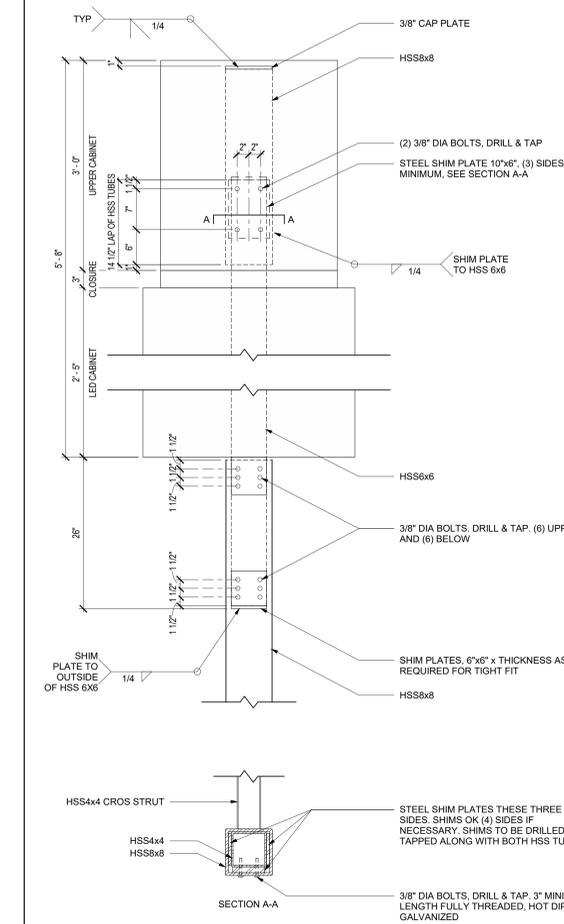
11 MARQUEE SIGN FOOTING SECTION
1/2" = 1'-0"



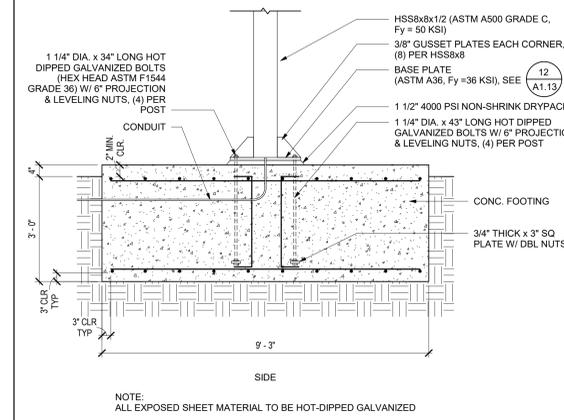
6 MARQUEE SIGN SECTIONS
1/4" = 1'-0"



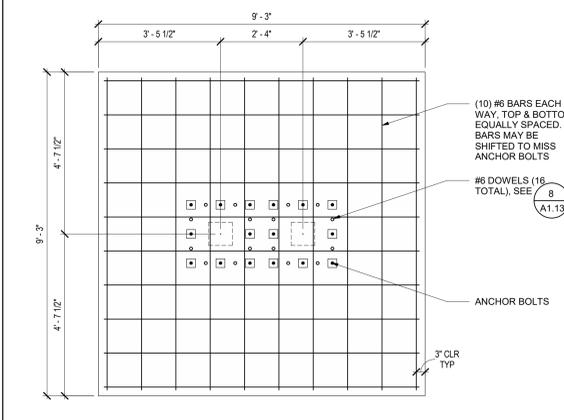
3 CONCRETE WALK @ (E) CONDITIONS
1 1/2" = 1'-0"



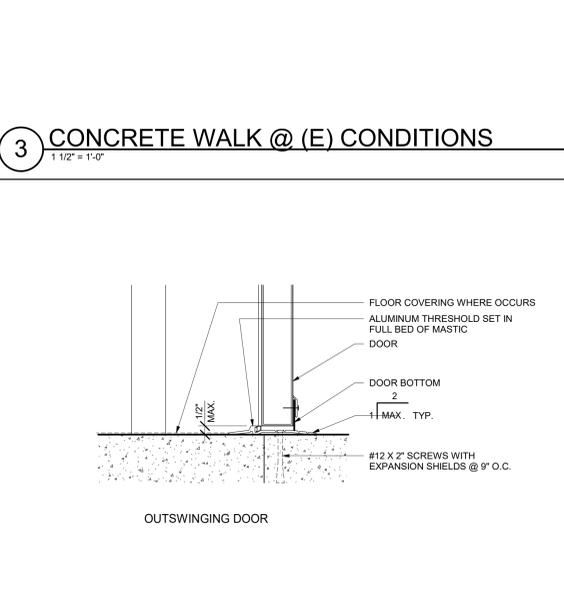
16 MARQUEE SIGN HSS SLEEVE DETAIL
1" = 1'-0"



12 MARQUEE SIGN BASE PLATE PLAN
1" = 1'-0"



7 MARQUEE SIGN ANCHOR BOLT DETAIL
1/2" = 1'-0"



4 EXTERIOR DOOR THRESHOLD
3" = 1'-0"

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GENERAL NOTES

- ALL EXPOSED SHEET MATERIAL TO BE HOT-DIPPED GALVANIZED

DESIGN CRITERIA

- BUILDING CODE: 2022 CALIFORNIA BUILDING CODE
- GRAVITY DEAD LOAD OF MARQUEE SIGN = 3000 LB
- LATERAL LOADS: RISK CATEGORY III

WIND LOADS (ASCE 7-16)
BASIC WIND SPEED: 99 MPH (77 MPH ASD)
EXPOSURE: C
BUILDINGS ARE CONSIDERED "ENCLOSED"
PRESSURE COEFFICIENTS:
TOPOGRAPHIC FACTOR, $K_{zt} = 1.00$
WIND DIRECTIONALITY FACTOR, $K_d = 0.85$
VELOCITY PRESSURE
 $q(0-15) = 11.0$ PSF (ASD)
 $q(15-20) = 11.6$ PSF (ASD)

SEISMIC LOADS (ASCE 7-16)
SITE CLASS: D
SEISMIC DESIGN CATEGORY: D
IMPORTANCE FACTOR: 1.25
REDUNDANCY, $p = 1.3$
 $S_s = 0.574$ $S_1 = 0.253$
 $F_a = 1.341$ $F_v = 2.094$
 $S_{ds} = 0.787$ $S_{d1} = 0.530$
 $S_{m1} = 0.513$ $S_{m2} = 0.353$

FACILITY:
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PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
SITE DETAILS

DATE: 01/19/23 CLIENT PROJ NO.: 3156068100

SHEET:

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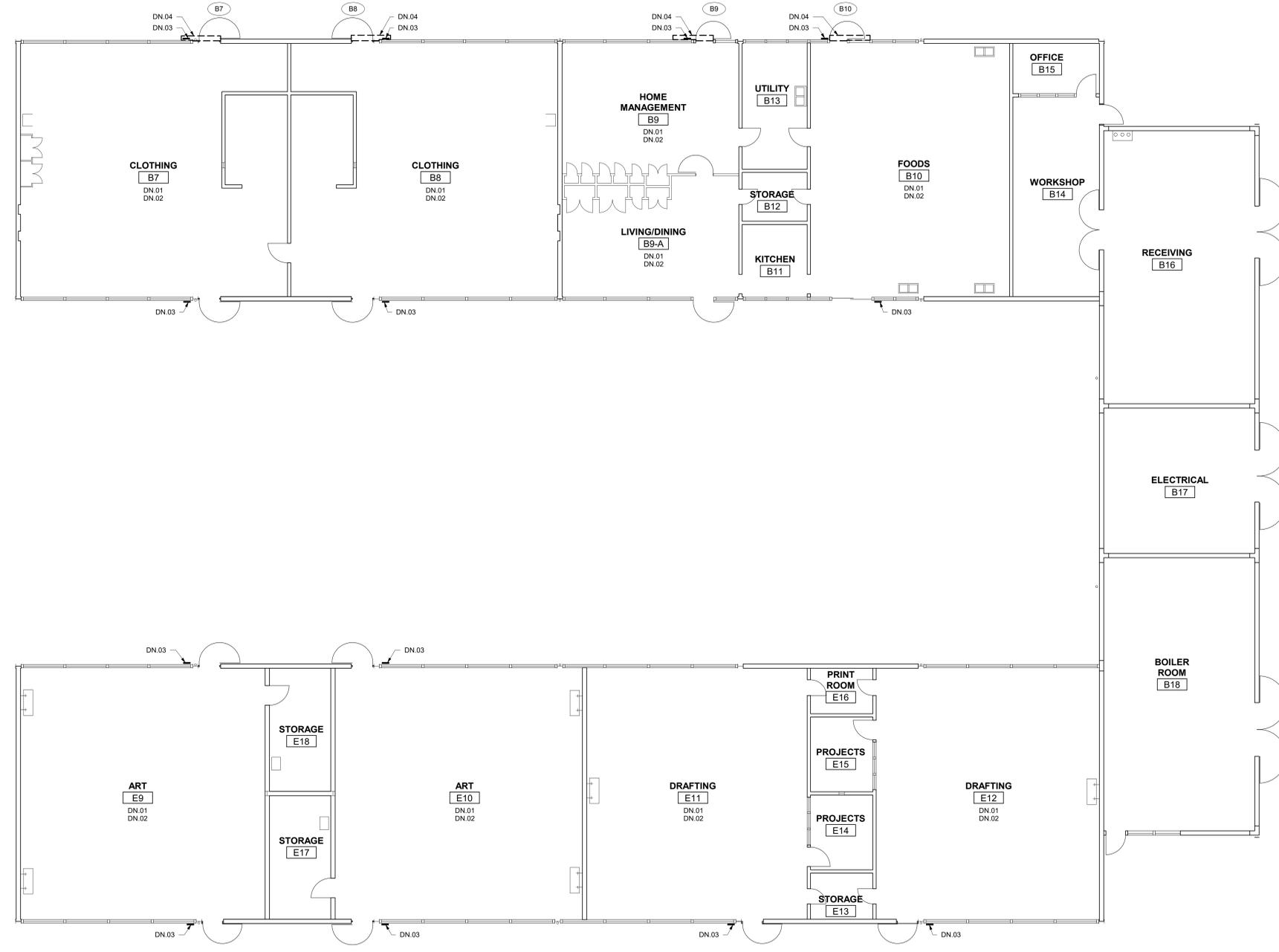
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1 DEMOLITION FLOOR PLAN - BUILDING 004
1/8" = 1'-0"

GENERAL NOTES

1.

NOTES

- DN.01 REMOVE AND ABATE (2) LAYERS OF EXISTING VCT FLOORING & REMOVE RUBBER BASE IN ITS ENTIRETY
- DN.02 EXISTING WINDOW CURTAINS & TRACKS TO BE REMOVED IN THEIR ENTIRETY. PATCH & REPAIR HOLES WHERE TRACK WAS MOUNTED
- DN.03 EXISTING ROOM ID SIGNAGE TO BE REMOVED IN ITS ENTIRETY
- DN.04 EXISTING RUBBER THRESHOLD TO BE REMOVED IN ITS ENTIRETY

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PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
DEMOLITION FLOOR PLAN - BUILDING 004

DATE: 09/27/20 CLIENT PROJ NO: 3156068100

SHEET:

A2.11

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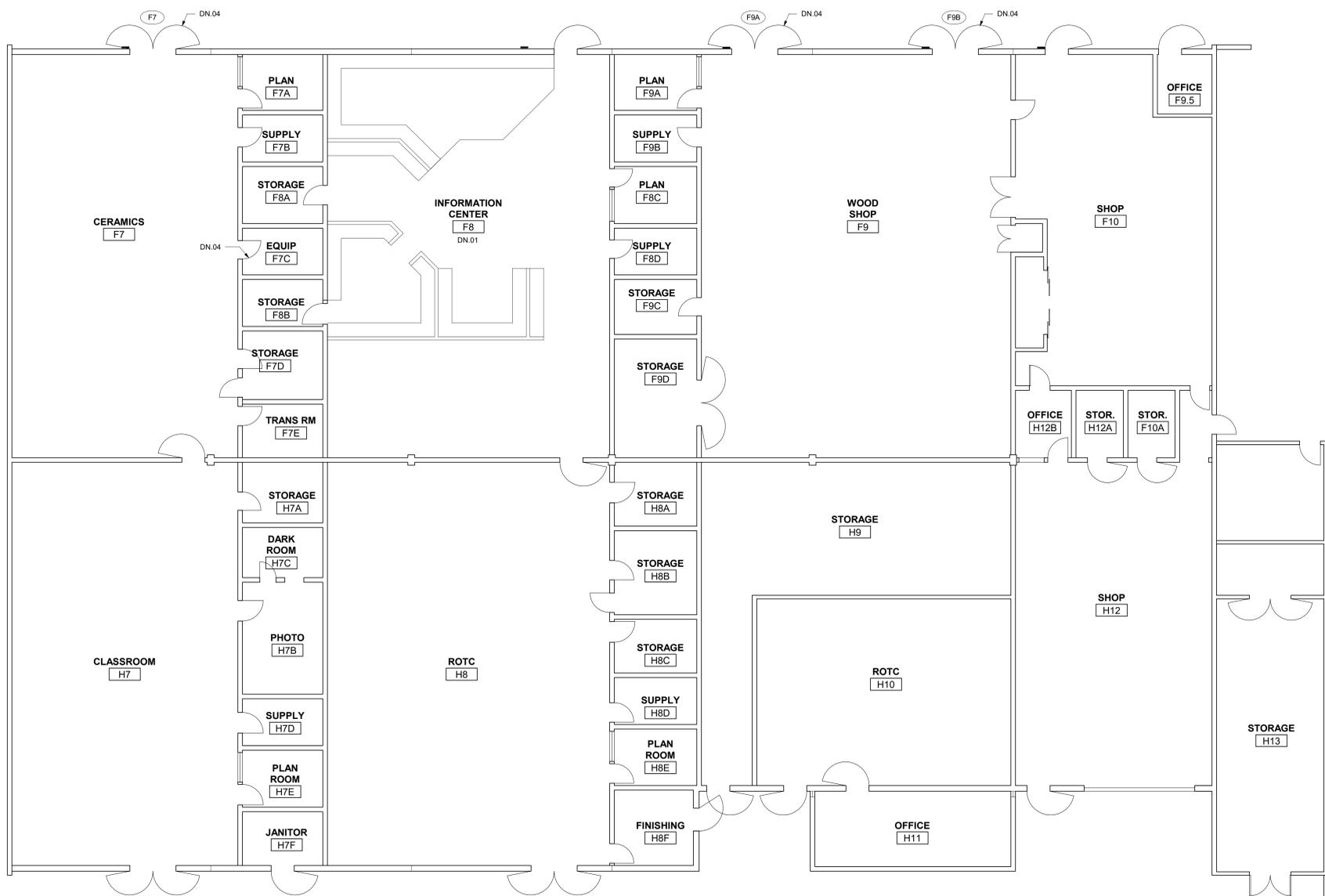
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GENERAL NOTES

NOTES

- DN.01 REMOVE AND ABATE (2) LAYERS OF EXISTING VCT FLOORING & REMOVE RUBBER BASE IN ITS ENTIRETY
- DN.02 EXISTING WINDOW CURTAINS & TRACKS TO BE REMOVED IN THEIR ENTIRETY. PATCH & REPAIR HOLES WHERE TRACK WAS MOUNTED
- DN.03 EXISTING ROOM ID SIGNAGE TO BE REMOVED IN ITS ENTIRETY
- DN.04 EXISTING DOOR, DOOR FRAME & HARDWARE TO BE REMOVED IN ITS ENTIRETY

1 DEMOLITION FLOOR PLAN - BUILDING 005
1/8" = 1'-0"

FACILITY:
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PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
DEMOLITION FLOOR PLAN - BUILDING 005

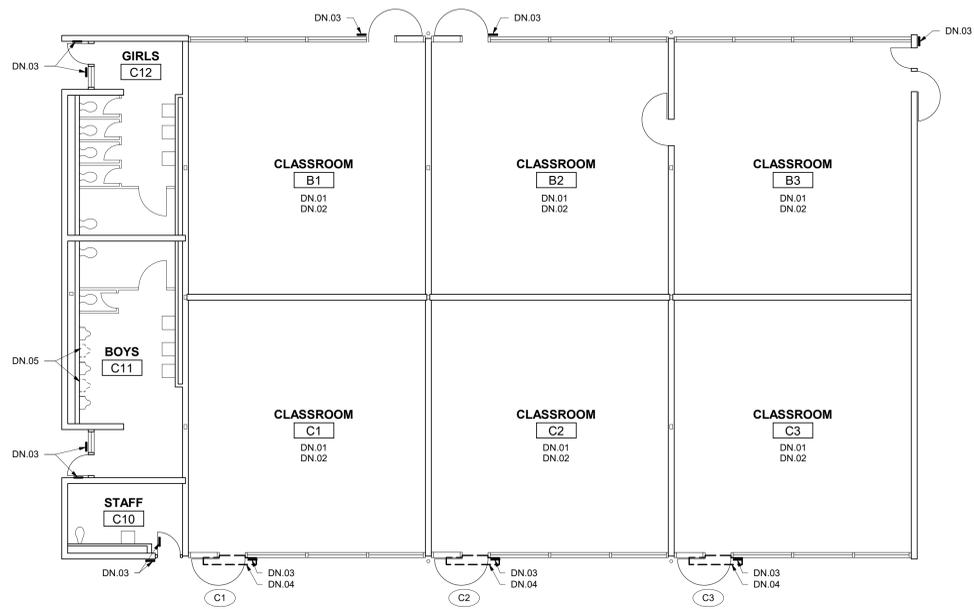
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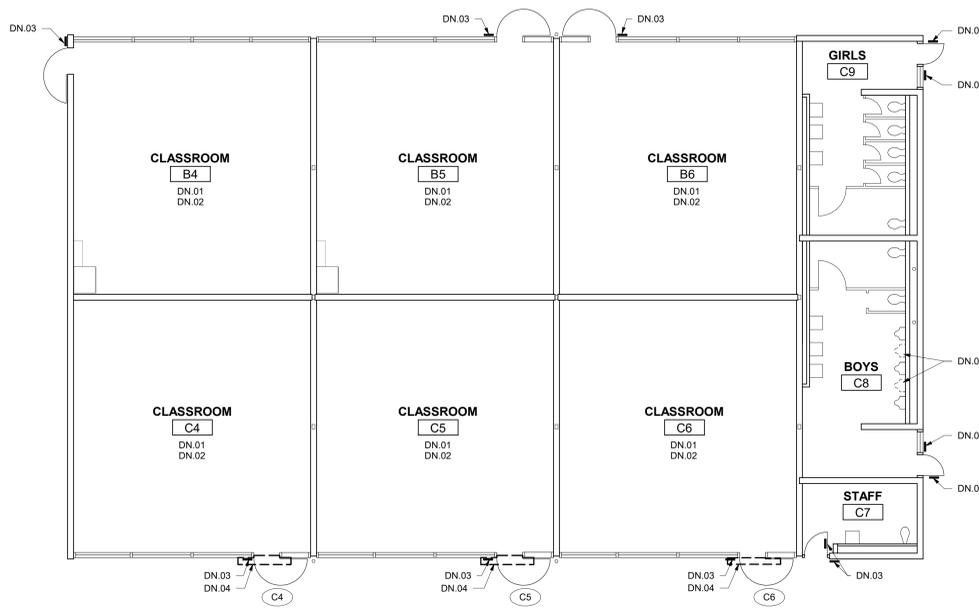
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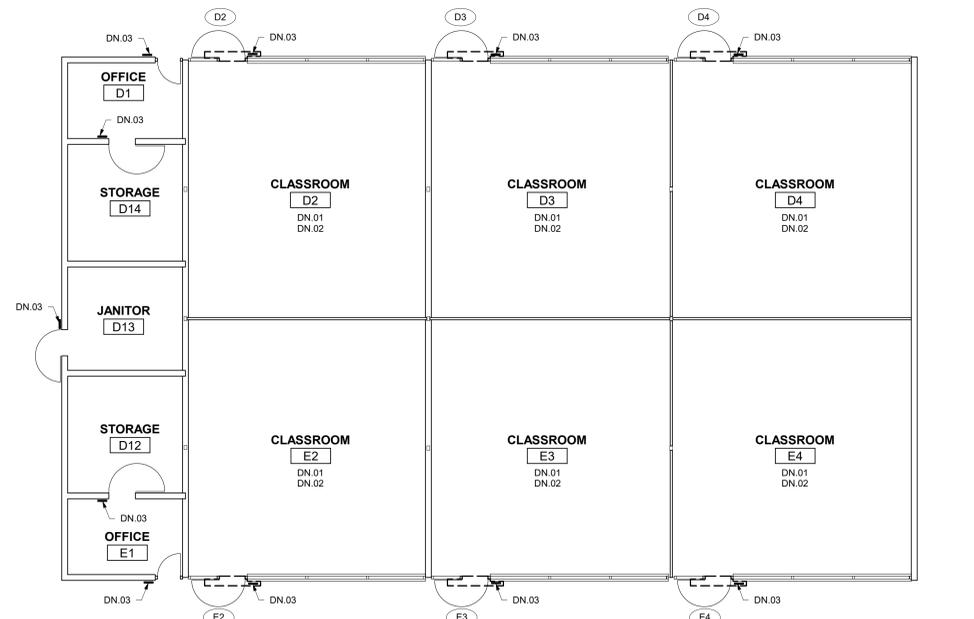
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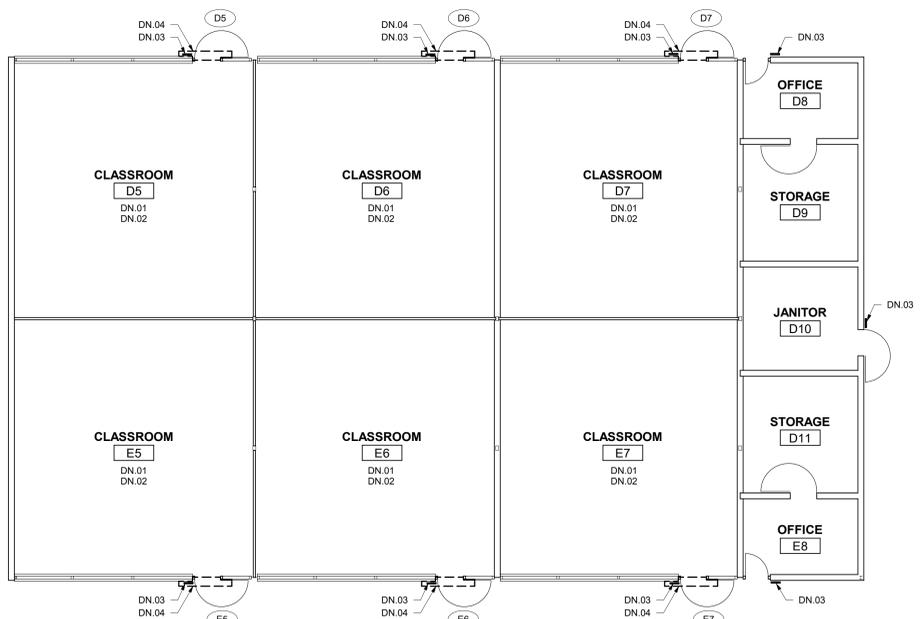
3 DEMOLITION FLOOR PLAN - BUILDING 009
 1/8" = 1'-0"



1 DEMOLITION FLOOR PLAN - BUILDING 006
 1/8" = 1'-0"



4 DEMOLITION FLOOR PLAN - BUILDING 010
 1/8" = 1'-0"



2 DEMOLITION FLOOR PLAN - BUILDING 007
 1/8" = 1'-0"

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GENERAL NOTES

NOTES

- DN.01 REMOVE AND ABATE (2) LAYERS OF EXISTING VCT FLOORING & REMOVE RUBBER BASE IN ITS ENTIRETY
- DN.02 EXISTING WINDOW CURTAINS & TRACKS TO BE REMOVED IN THEIR ENTIRETY. PATCH & REPAIR HOLES WHERE TRACK WAS MOUNTED
- DN.03 EXISTING ROOM ID SIGNAGE TO BE REMOVED IN ITS ENTIRETY
- DN.04 EXISTING RUBBER THRESHOLD TO BE REMOVED IN ITS ENTIRETY
- DN.05 REMOVE EXISTING URINAL AND CAP PIPE

FACILITY:
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PROJECT:
 LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
 DEMOLITION FLOOR PLAN - BUILDING 006, 007, 009, & 010

DATE: 01/11/23 CLIENT PROJ NO: 3186068100

SHEET:

A2.13

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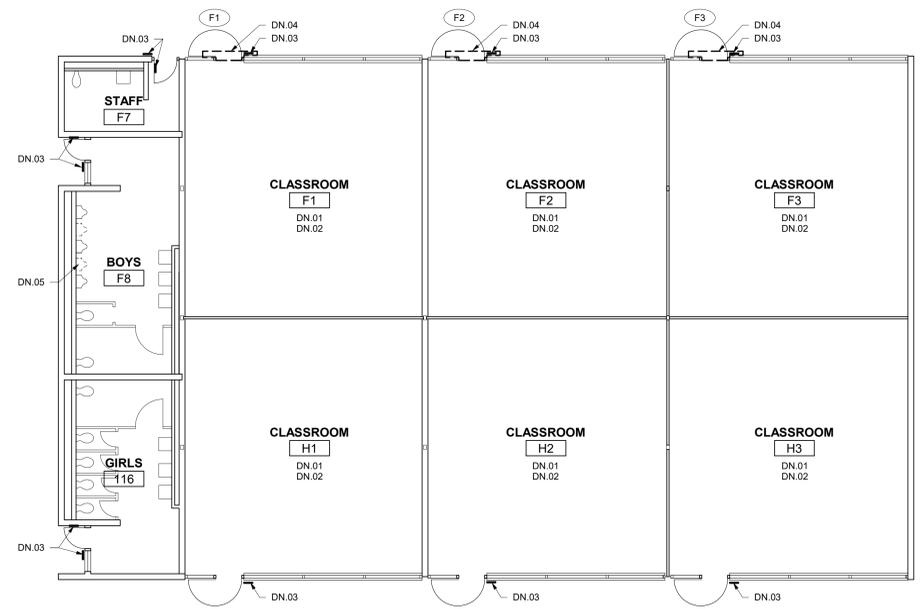
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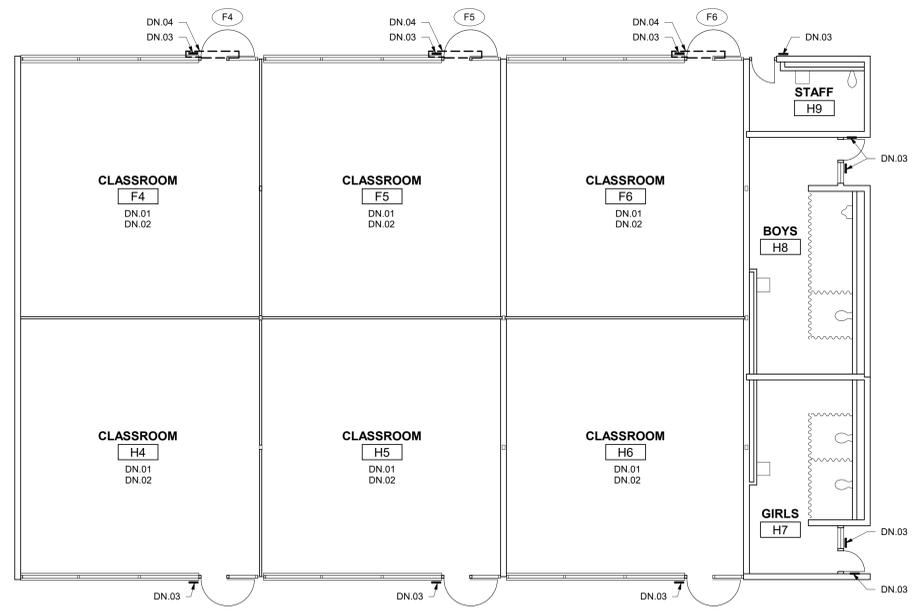


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2 DEMOLITION FLOOR PLAN - BUILDING 011
1/8" = 1'-0"



1 DEMOLITION FLOOR PLAN - BUILDING 008
1/8" = 1'-0"

GENERAL NOTES

- NOTES**
- DN.01 REMOVE AND ABATE (2) LAYERS OF EXISTING VCT FLOORING & REMOVE RUBBER BASE IN ITS ENTIRETY
 - DN.02 EXISTING WINDOW CURTAINS & TRACKS TO BE REMOVED IN THEIR ENTIRETY. PATCH & REPAIR HOLES WHERE TRACK WAS MOUNTED.
 - DN.03 EXISTING ROOM ID SIGNAGE TO BE REMOVED IN ITS ENTIRETY
 - DN.04 EXISTING RUBBER THRESHOLD TO BE REMOVED IN ITS ENTIRETY
 - DN.05 REMOVE EXISTING URINAL AND CAP PIPE

FACILITY:
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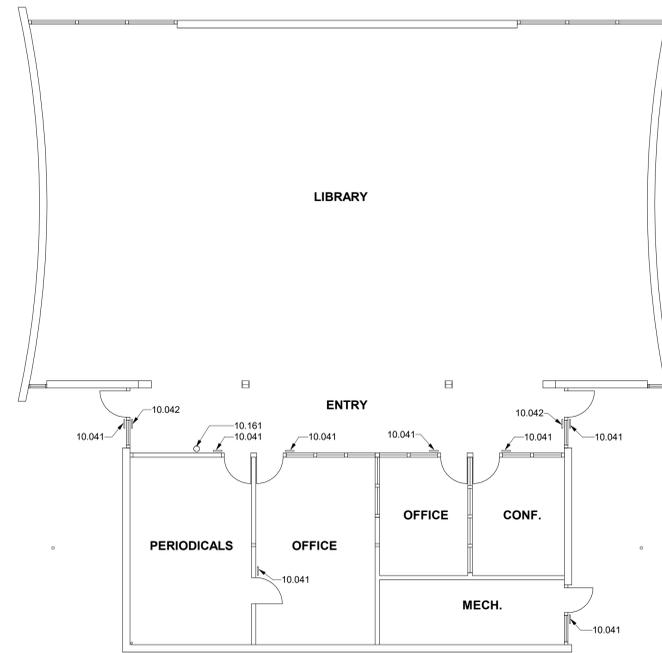
PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
DEMOLITION FLOOR PLAN - BUILDING 008 & 011

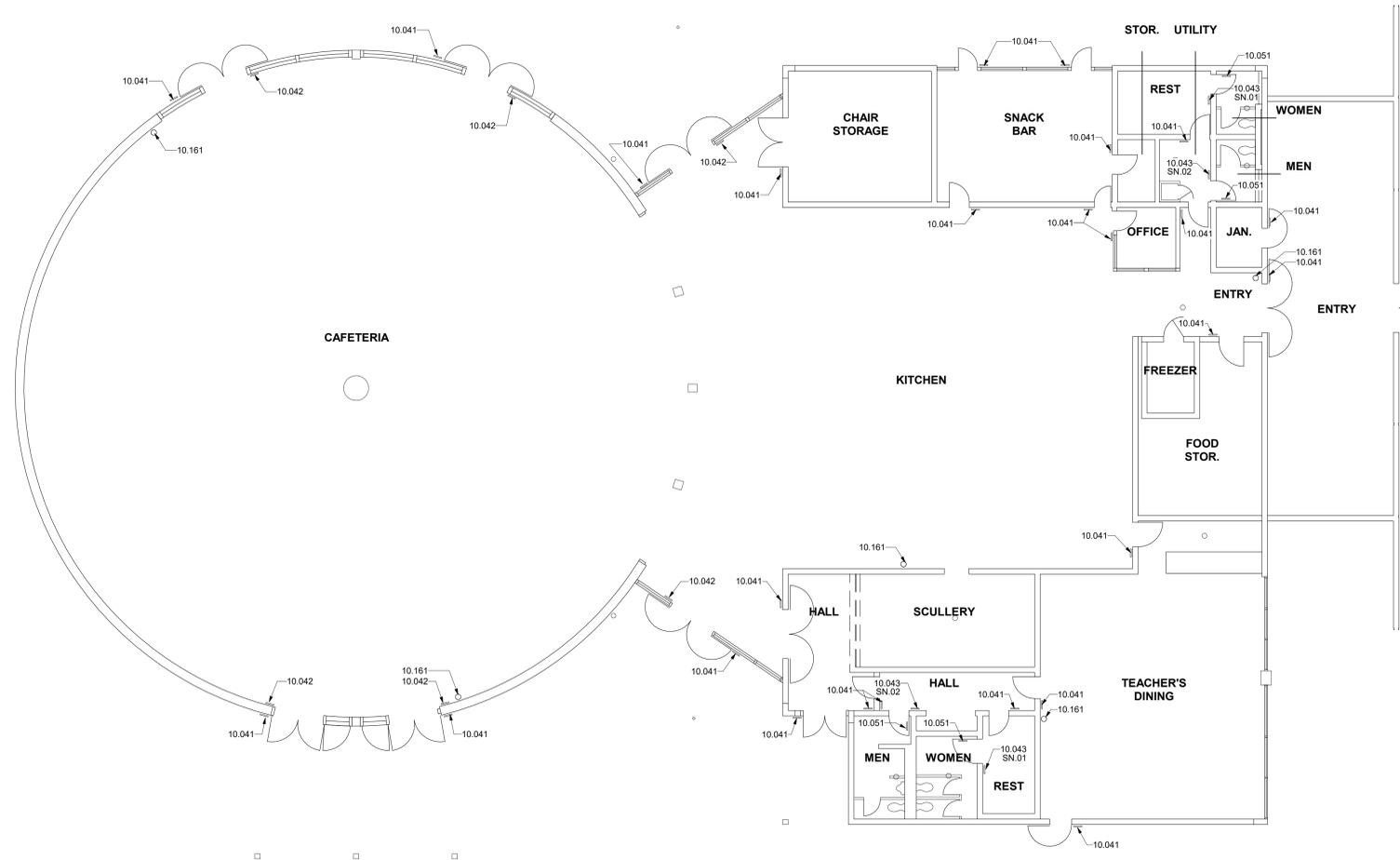
DATE: 01/11/23 CLIENT PROJ NO: 3156068100

SHEET:

A2.14



1 IMPROVEMENT FLOOR PLAN - BUILDING 002
1/8" = 1'-0"



2 IMPROVEMENT FLOOR PLAN - BUILDING 003
1/8" = 1'-0"

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GENERAL NOTES

- FOR SIGNAGE MOUNTING HEIGHTS, LOCATIONS, AND DETAILS, REFER TO SHEET A0.3

KEYNOTES

- 10.041 SIGNAGE: ROOM IDENTIFICATION
- 10.042 SIGNAGE: TACTILE EXIT
- 10.043 SIGNAGE: TOILET ROOM IDENTIFICATION
- 10.051 SIGNAGE: TOILET ROOM DOOR SYMBOL
- 10.161 FIRE EXTINGUISHER

NOTES

- SN.01 SIGN TO READ "WOMEN"
- SN.02 SIGN TO READ "MEN"

FACILITY:

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PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
IMPROVEMENT FLOOR PLAN - BUILDINGS 002 & 003

DATE: 01/17/23

CLIENT PROJ NO: 3156068100

SHEET:

A2.15

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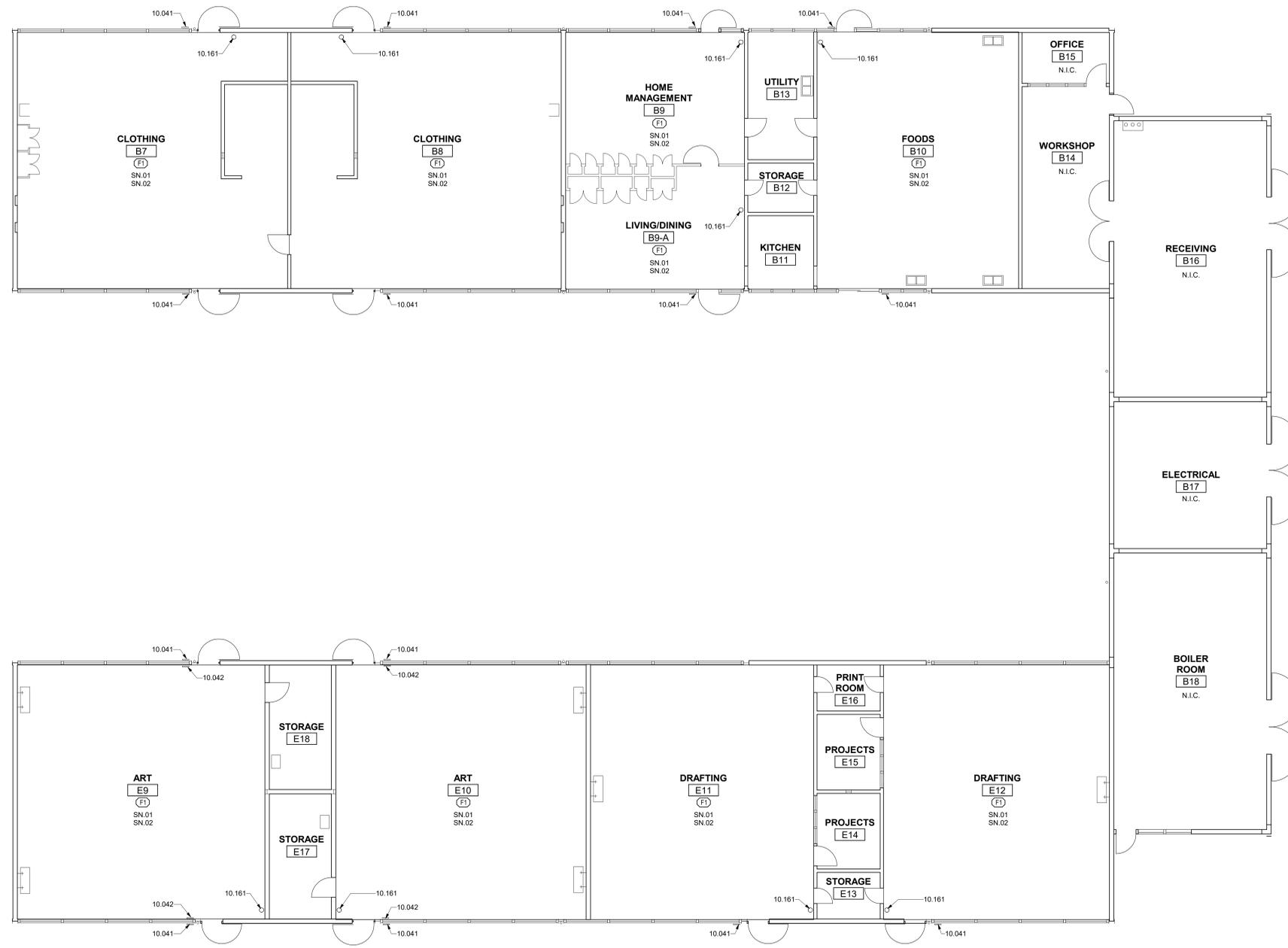
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GENERAL NOTES

- FOR SIGNAGE MOUNTING HEIGHTS, LOCATIONS, AND DETAILS, REFER TO SHEET A0.3

KEYNOTES

- 10.041 SIGNAGE: ROOM IDENTIFICATION
- 10.042 SIGNAGE: TACTILE EXIT
- 10.161 FIRE EXTINGUISHER

NOTES

- SN.01 HAND CLEAN WITH BRUSH AND SEAL ALL EXISTING BRICK, BOTH INTERIOR AND EXTERIOR
- SN.02 EXISTING WALLS, WITH THE EXCEPTION OF BRICK, TO BE PAINTED. REFERENCE INTERIOR ELEVATIONS

FINISHES

- FLOOR
- F1 RESILIENT FLOORING: LUXURY VINYL TILE (LVT)
- F2 (E) CONCRETE

FACILITY:
3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
IMPROVEMENT FLOOR PLAN - BUILDING 004

DATE: 09/27/20 CLIENT PROJ NO: 3186068100
 SHEET:

1 IMPROVEMENT FLOOR PLAN - BUILDING 004
 1/8" = 1'-0"

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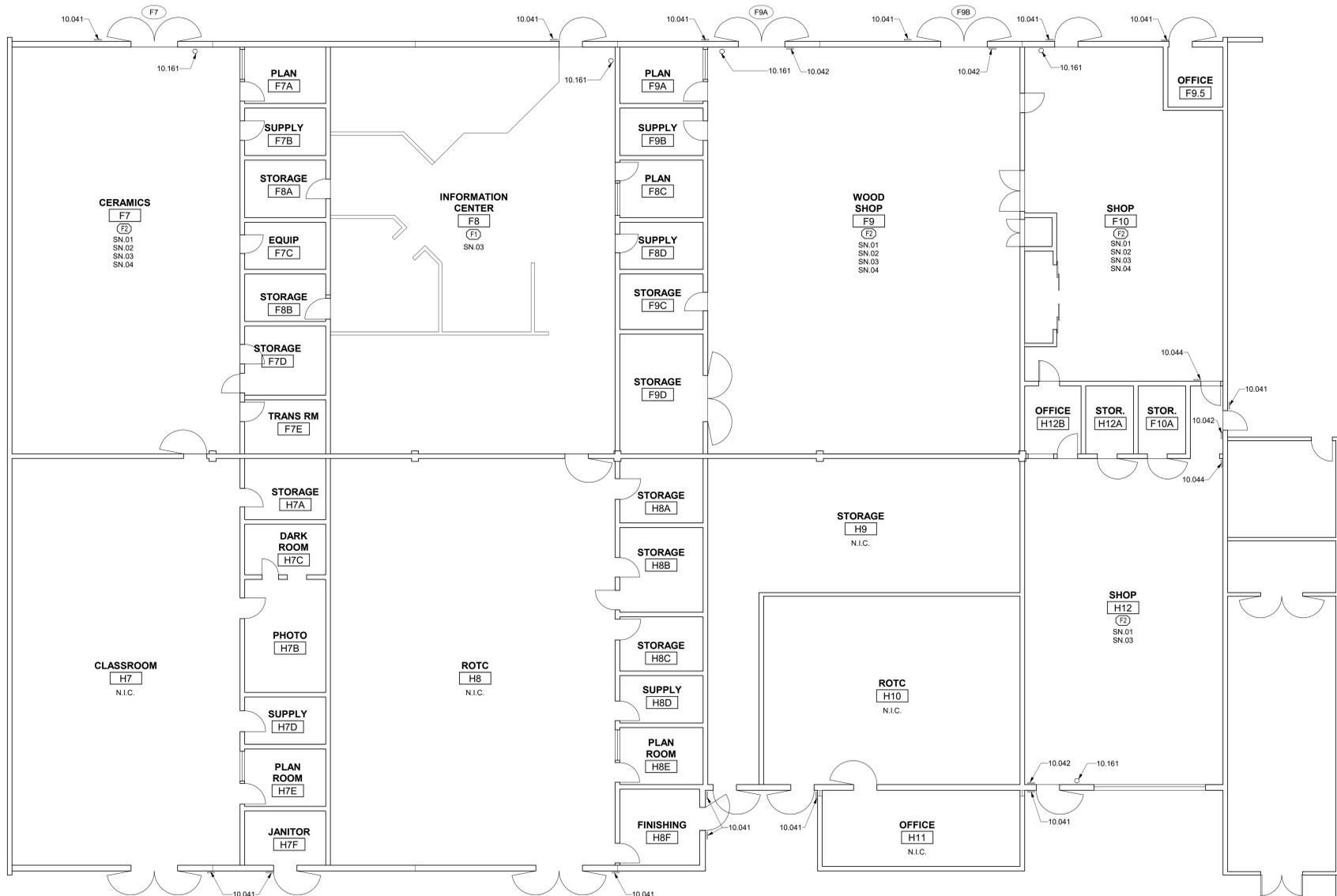
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KEYNOTES

- 10.041 SIGNAGE: ROOM IDENTIFICATION
- 10.042 SIGNAGE: TACTILE EXIT
- 10.044 SIGNAGE: TACTILE EXIT ROUTE
- 10.161 FIRE EXTINGUISHER

NOTES

- SN.01 TO BE DEEP CLEANED
- SN.02 HAND CLEAN WITH BRUSH AND SEAL ALL EXISTING BRICK, INTERIOR AND EXTERIOR
- SN.03 EXISTING WALLS, WITH THE EXCEPTION OF BRICK, TO BE PAINTED. REFERENCE INTERIOR ELEVATIONS
- SN.04 POWERWASH EXISTING CONCRETE FLOORS THEN SEAL CONCRETE

FINISHES

- FLOOR
- F1 RESILIENT FLOORING: LUXURY VINYL TILE (LVT)
- F2 CONCRETE

FACILITY:
 3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
 LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
 IMPROVEMENT FLOOR PLAN - BUILDING 005

DATE: 01/10/23 CLIENT PROJ NO: 3156068100

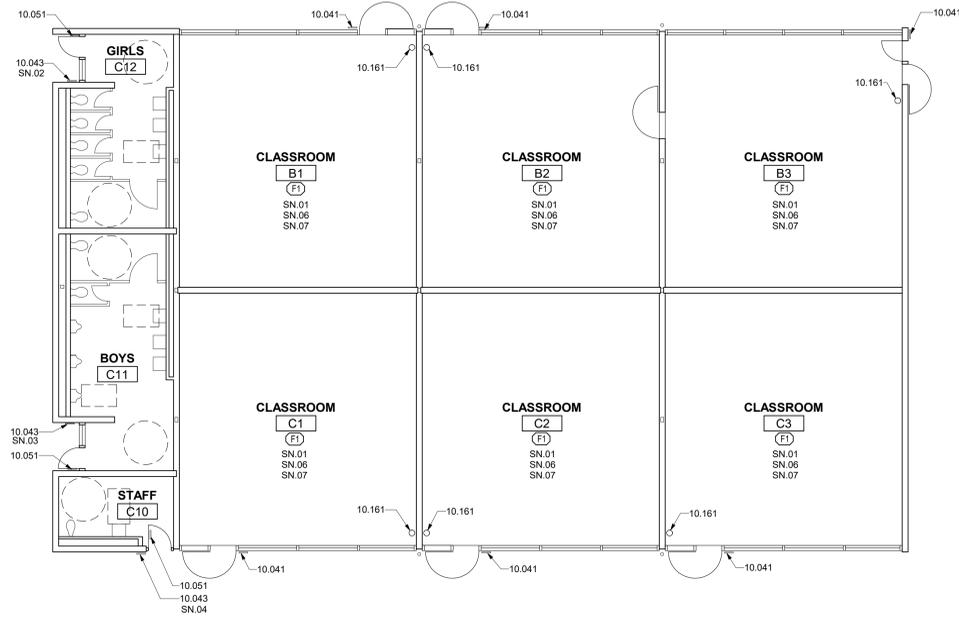
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 1/8" = 1'-0"

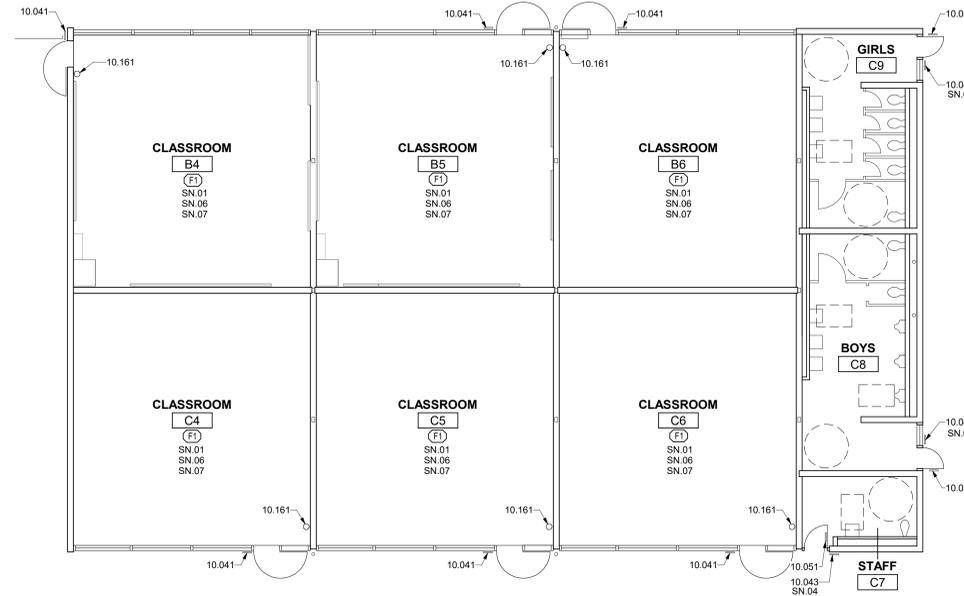
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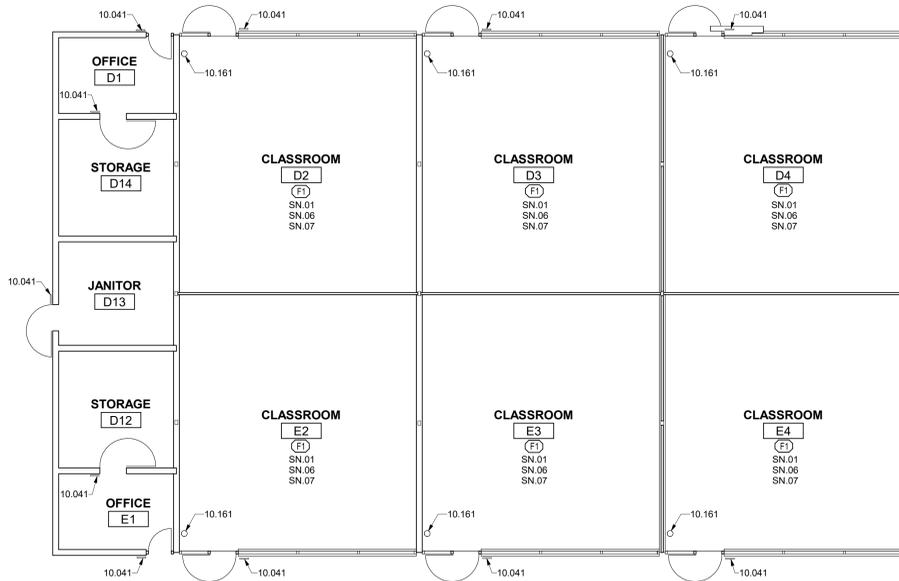
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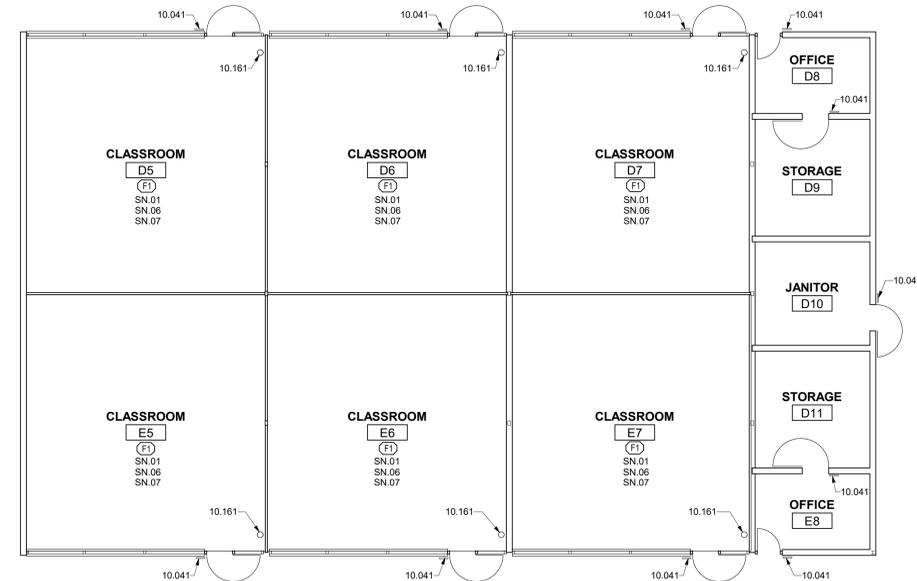
4 IMPROVEMENT FLOOR PLAN - BUILDING 009
 1/8" = 1'-0"



1 IMPROVEMENT FLOOR PLAN - BUILDING 006
 1/8" = 1'-0"



5 IMPROVEMENT FLOOR PLAN - BUILDING 010
 1/8" = 1'-0"



2 IMPROVEMENT FLOOR PLAN - BUILDING 007
 1/8" = 1'-0"

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GENERAL NOTES

- FOR SIGNAGE MOUNTING HEIGHTS, LOCATIONS, AND DETAILS, REFER TO SHEET A0.3

KEYNOTES

- 10.041 SIGNAGE: ROOM IDENTIFICATION
- 10.043 SIGNAGE: TOILET ROOM IDENTIFICATION
- 10.051 SIGNAGE: TOILET ROOM DOOR SYMBOL
- 10.161 FIRE EXTINGUISHER

NOTES

- SN.01 EXISTING CEILING, EXISTING DUCTWORK AND EXISTING EXPOSED CEILING CONDUIT TO BE PAINTED
- SN.02 SIGN TO READ "WOMEN"
- SN.03 SIGN TO READ "MEN"
- SN.04 SIGN TO READ "STAFF"
- SN.05 (E) FIRE EXTINGUISHER, REMOVE DURING PAINTING AND REINSTALL
- SN.06 HAND CLEAN WITH BRUSH AND SEAL ALL EXISTING BRICK, INTERIOR AND EXTERIOR
- SN.07 EXISTING WALLS, WITH THE EXCEPTION OF BRICK, TO BE PAINTED, REFERENCE INTERIOR ELEVATIONS

FINISHES

- FLOOR
- F1 RESILIENT FLOORING: LUXURY VINYL TILE (LVT)
- F2 (E) CONCRETE

FACILITY:
 3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
 LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
 IMPROVEMENT FLOOR PLAN - BUILDING 006, 007, 009,
 & 010

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DESCRIPTION	DATE

GENERAL NOTES

- FOR SIGNAGE MOUNTING HEIGHTS, LOCATIONS, AND DETAILS, REFER TO SHEET A0.3

KEYNOTES

- 10.041 SIGNAGE: ROOM IDENTIFICATION
- 10.043 SIGNAGE: TOILET ROOM IDENTIFICATION
- 10.051 SIGNAGE: TOILET ROOM DOOR SYMBOL
- 10.161 FIRE EXTINGUISHER

NOTES

- SN.01 EXISTING CEILING, EXISTING DUCTWORK AND EXISTING EXPOSED CEILING CONDUIT TO BE PAINTED
- SN.02 SIGN TO READ "WOMEN"
- SN.03 SIGN TO READ "MEN"
- SN.04 SIGN TO READ "STAFF"
- SN.05 HAND CLEAN WITH BRUSH AND SEAL ALL EXISTING BRICK, INTERIOR AND EXTERIOR
- SN.06 (E) PRIVACY CURTAIN AT SPECIAL USE RESTROOM
- SN.07 EXISTING WALLS, WITH THE EXCEPTION OF BRICK, TO BE PAINTED, REFERENCE INTERIOR ELEVATIONS

FINISHES

- FLOOR
- F1 RESILIENT FLOORING: LUXURY VINYL TILE (LVT)
- F2 (E) CONCRETE

FACILITY:

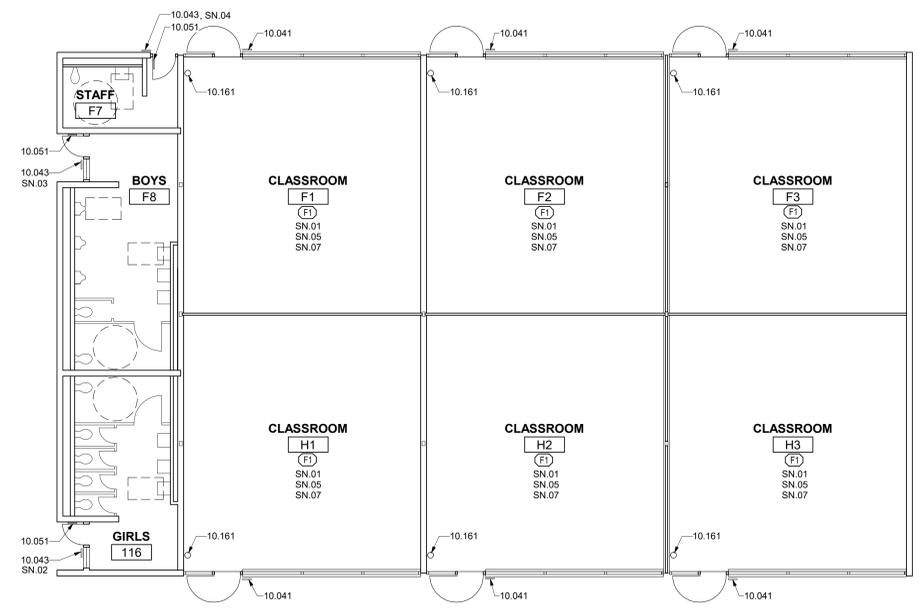
3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

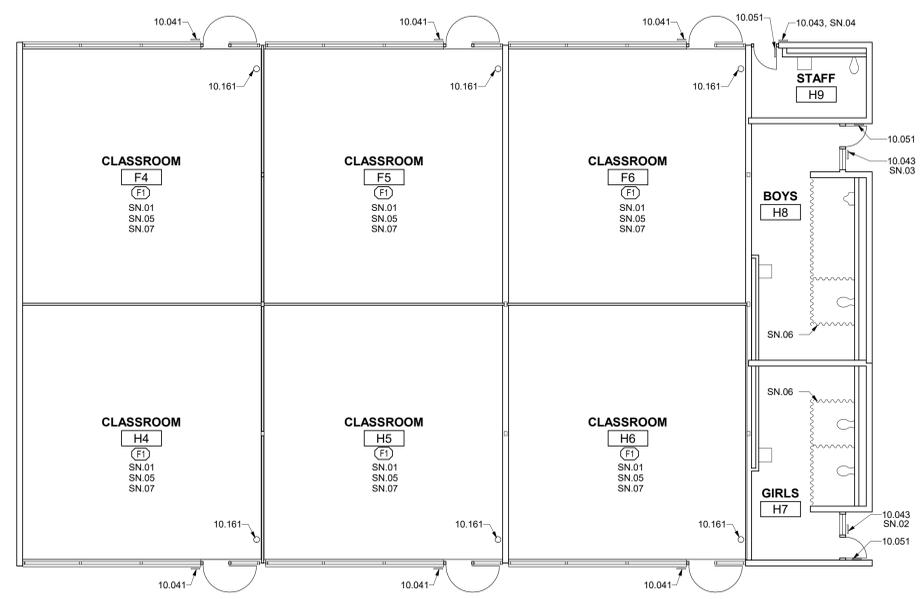
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IMPROVEMENT FLOOR PLAN - BUILDING 008 & 011

DATE: 01/10/23 CLIENT PROJ NO: 3156068100

SHEET:



2 IMPROVEMENT FLOOR PLAN - BUILDING 011
 1/8" = 1'-0"



1 IMPROVEMENT FLOOR PLAN - BUILDING 008
 1/8" = 1'-0"

A2.22

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DESCRIPTION	DATE

GENERAL NOTES

- FOR SIGNAGE MOUNTING HEIGHTS, LOCATIONS, AND DETAILS, REFER TO SHEET A0.3

KEYNOTES

- 10.041 SIGNAGE: ROOM IDENTIFICATION
- 10.042 SIGNAGE: TACTILE EXIT
- 10.043 SIGNAGE: TOILET ROOM IDENTIFICATION
- 10.044 SIGNAGE: TACTILE EXIT ROUTE
- 10.051 SIGNAGE: TOILET ROOM DOOR SYMBOL
- 10.161 FIRE EXTINGUISHER

NOTES

- SN.01 SIGN TO READ "WOMEN"
- SN.02 SIGN TO READ "MEN"
- SN.03 NO ISA, SIGN TO READ "ACCESSIBLE RESTROOM IS LOCATED IN LOBBY"

FACILITY:

3500 FLORIN RD, SACRAMENTO, CA 95823

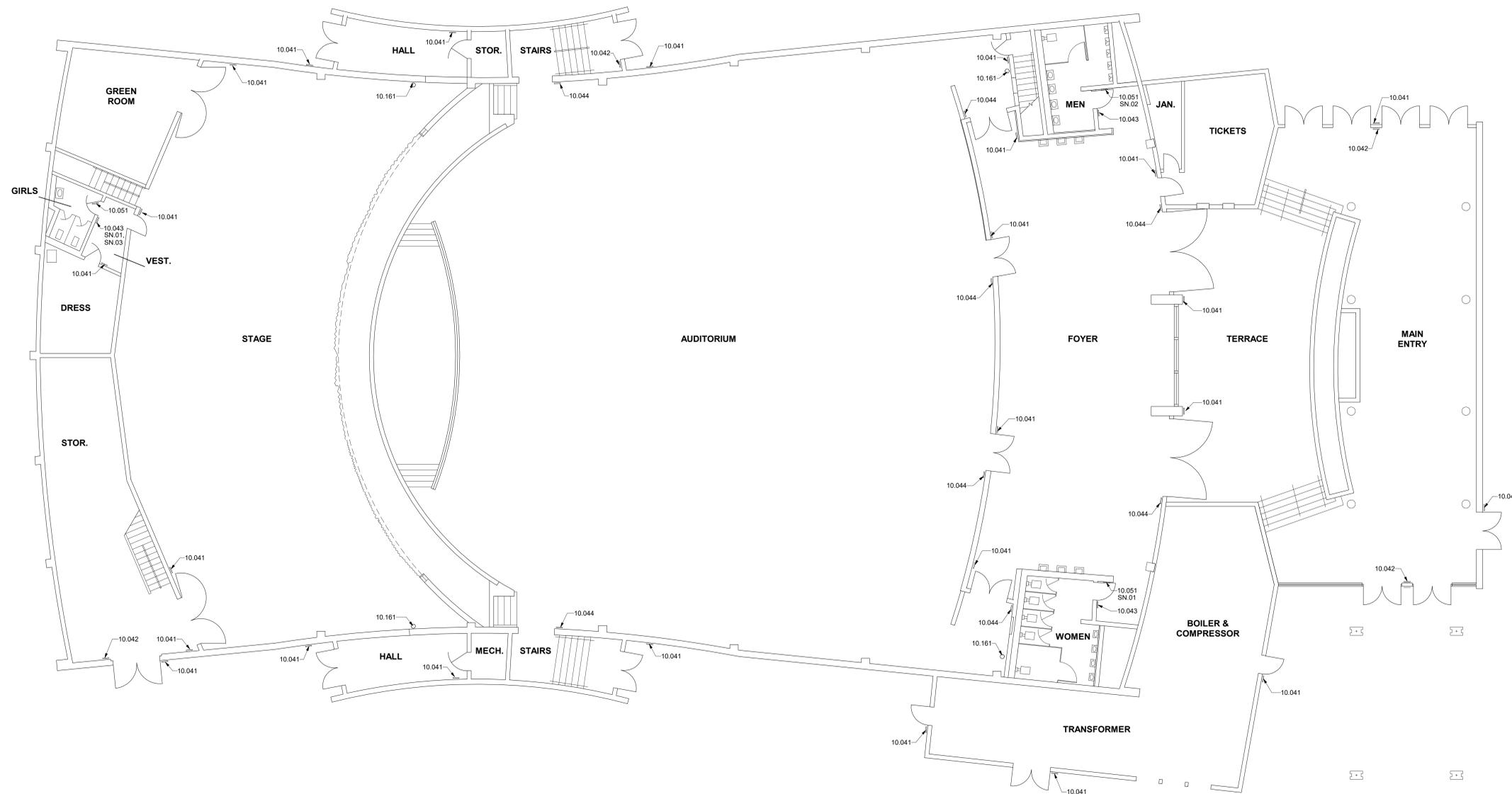
PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
IMPROVEMENT FLOOR PLAN - BUILDING 012

DATE: 01/17/23

CLIENT PROJ NO: 3156068100

SHEET:



1 IMPROVEMENT FLOOR PLAN - BUILDING 012

1/8" = 1'-0"

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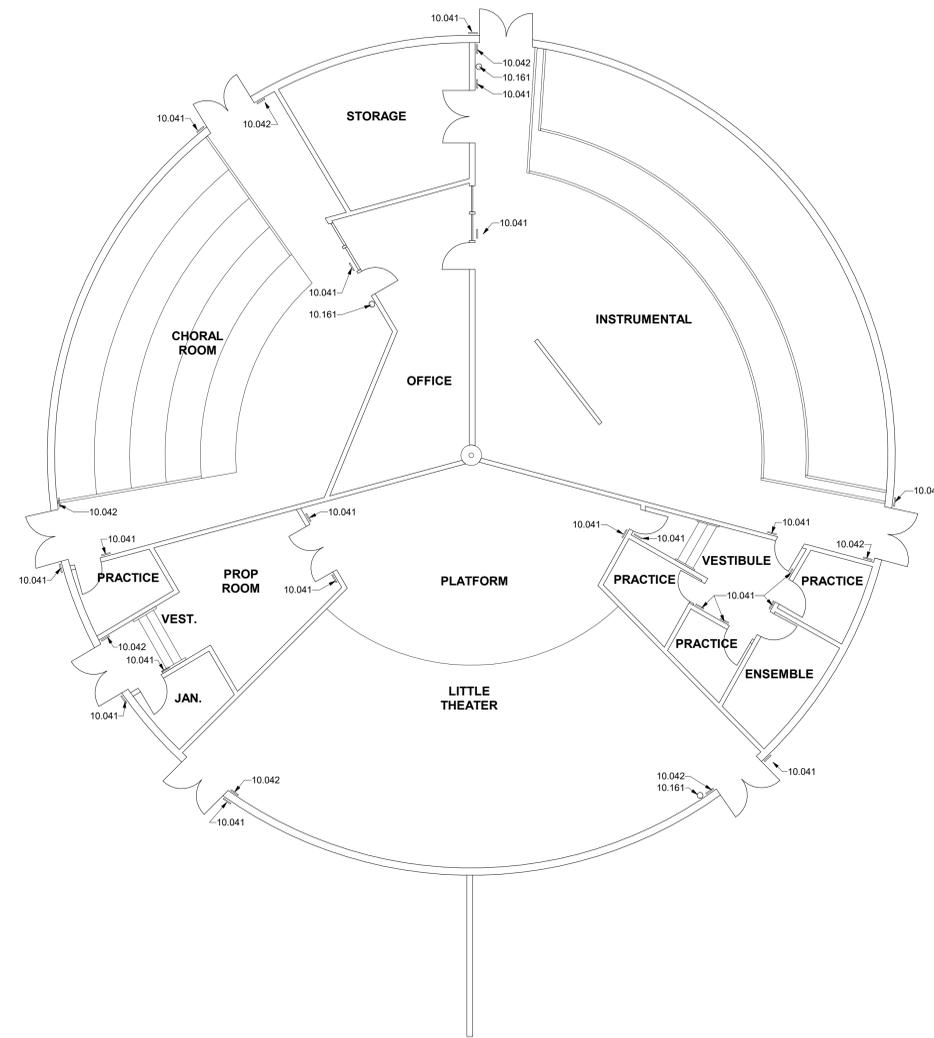
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KEYNOTES

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- 10.042 SIGNAGE: TACTILE EXIT
- 10.161 FIRE EXTINGUISHER



1 IMPROVEMENT FLOOR PLAN - BUILDING 013
1/8" = 1'-0"

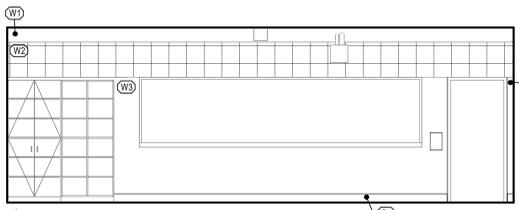
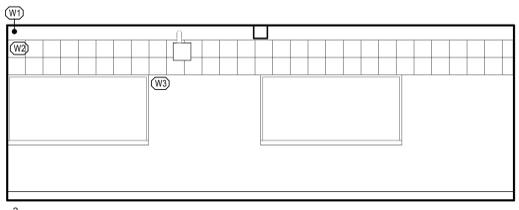
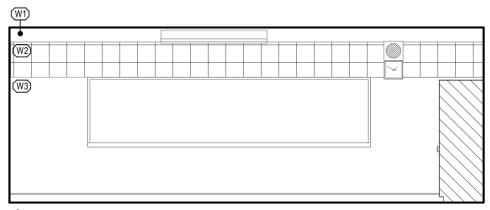
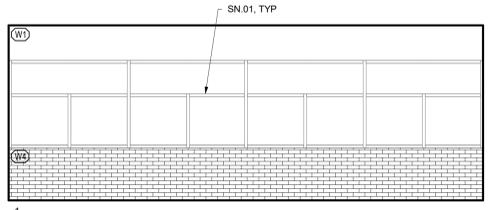
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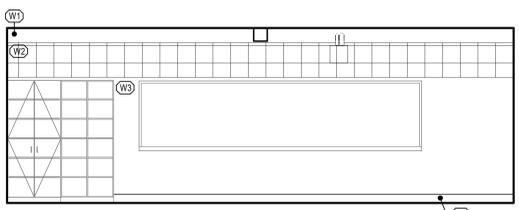
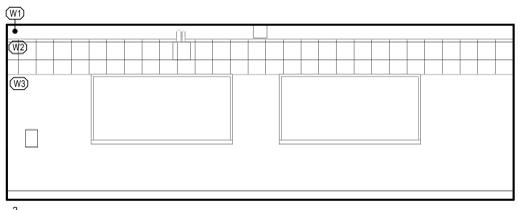
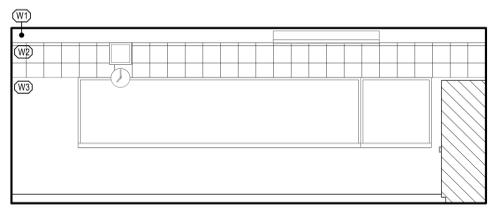
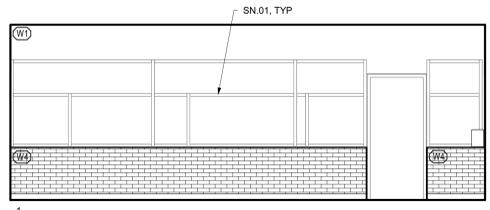
PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
IMPROVEMENT FLOOR PLAN - BUILDING 013

DATE: 01/17/23 CLIENT PROJ NO: 3156068100
SHEET:



B4 CLASSROOM/B3 CLASSROOM OPPOSITE HAND
1/4" = 1'-0"



B5 CLASSROOM SN.02
1/4" = 1'-0"

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GENERAL NOTES

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NOTES

SN.01 WINDOW FRAMES TO BE PAINTED
SN.02 ELEVATIONS SIMILAR TO ROOMS B1-B3, B6, C1-C6, D2-D7, E2-E7, F1-F6 & H1-H6

FINISHES

- WALL**
- W1 (E) GYPSUM WALLBOARD, PAINTED
- W2 (E) ACOUSTICAL WALL TILE, PAINTED
- W3 (E) WOOD PANEL, PAINTED
- W4 (E) THIN BRICK VENEER
- BASE**
- B1 RUBBER, 6"

FACILITY:

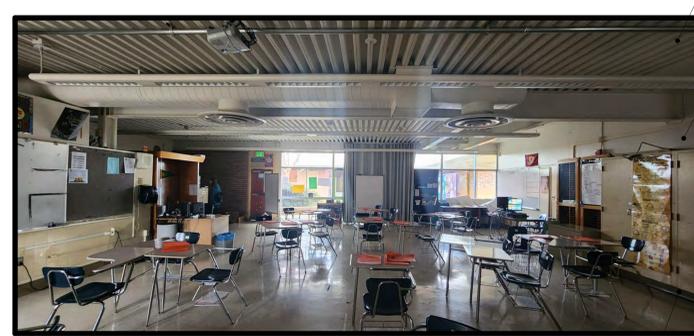
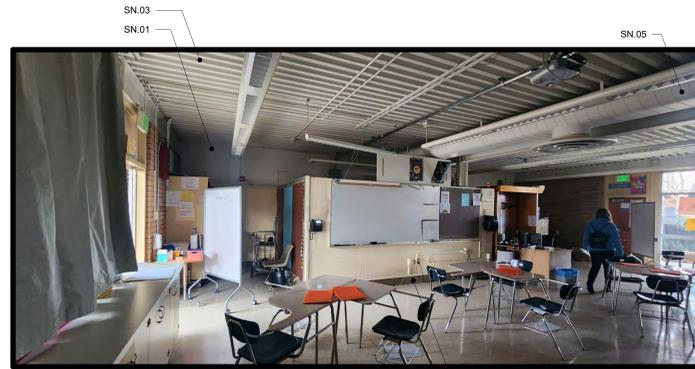
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PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

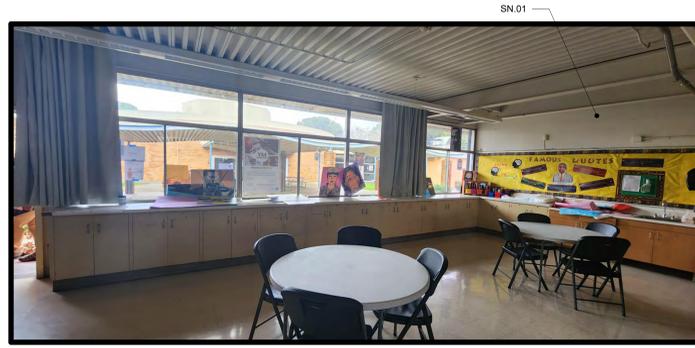
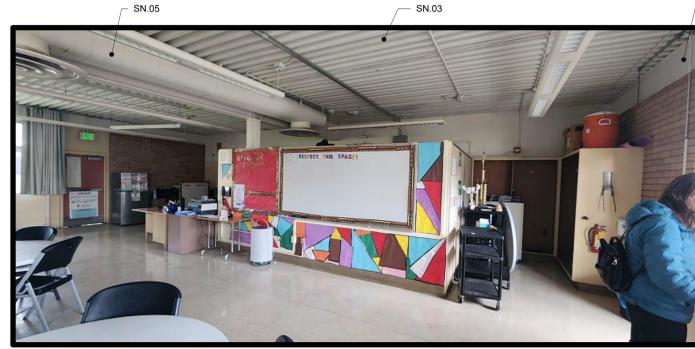
SHEET NAME:
INTERIOR ELEVATIONS

DATE: 09/27/20 CLIENT PROJ NO: 3156068100

SHEET:



B7 CLASSROOM



B8 CLASSROOM

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- SN.04 EXISTING INTERIOR DOORS AND FRAMES TO BE PAINTED
- SN.05 EXISTING DUCTWORK TO BE PAINTED

FACILITY:
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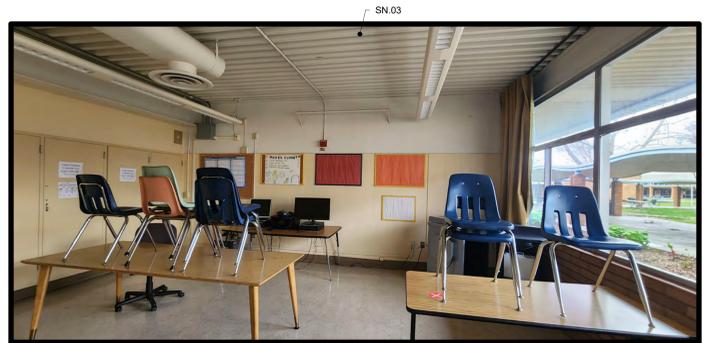
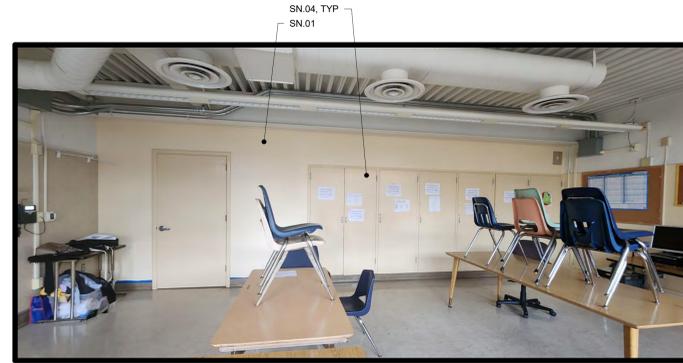
PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
INTERIOR ELEVATIONS

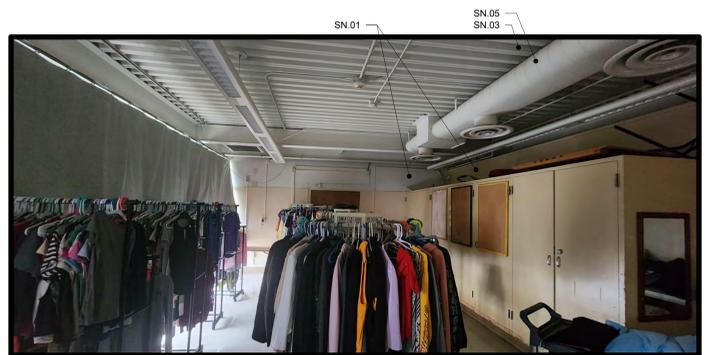
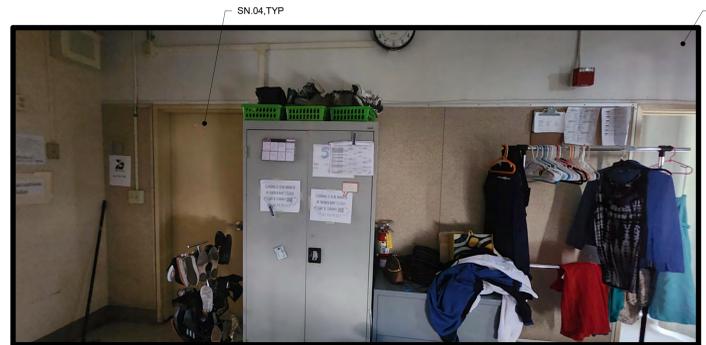
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B9 CLASSROOM



B9-A CLASSROOM

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NOTES

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SN.04 EXISTING INTERIOR DOORS AND FRAMES TO BE PAINTED
SN.05 EXISTING DUCTWORK TO BE PAINTED

FACILITY:

3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
INTERIOR ELEVATIONS

DATE: 02/01/23

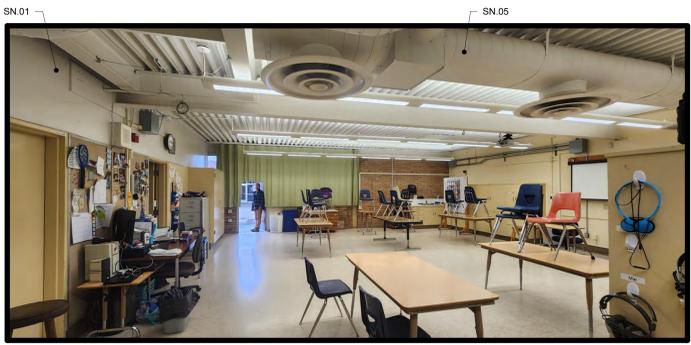
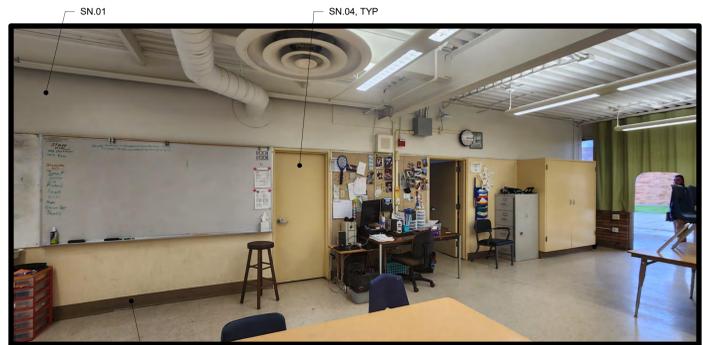
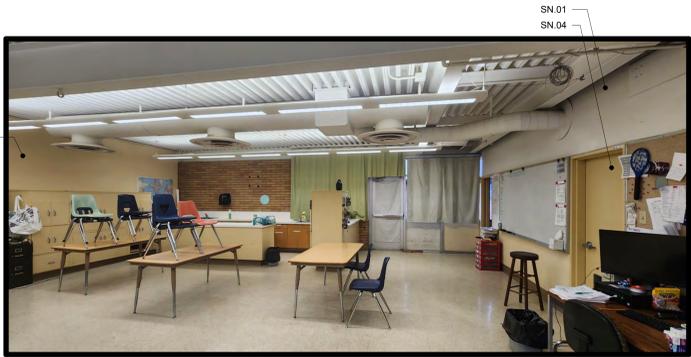
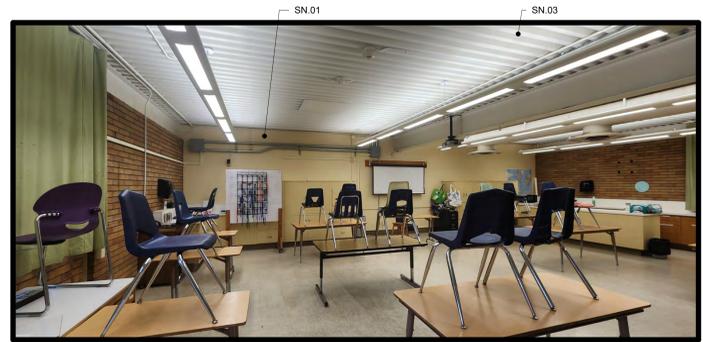
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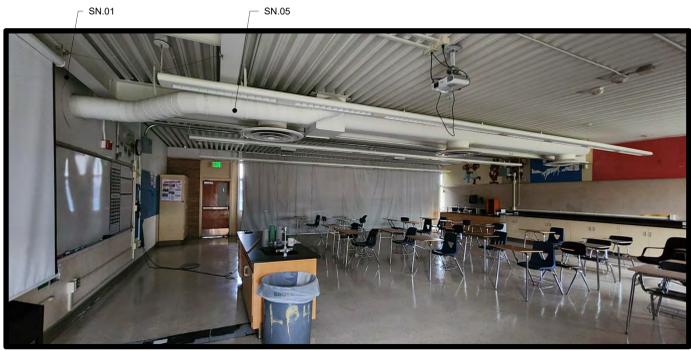
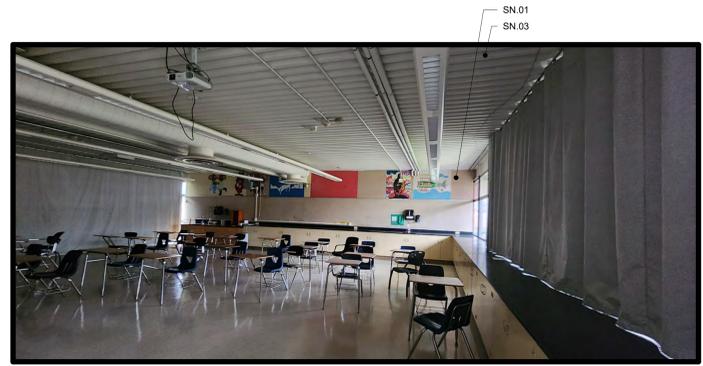
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B10 CLASSROOM



E10 CLASSROOM

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GENERAL NOTES

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- SN.05 EXISTING DUCTWORK TO BE PAINTED
- SN.06 SIM TO CLASSROOM E09

FACILITY:
3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
INTERIOR ELEVATIONS

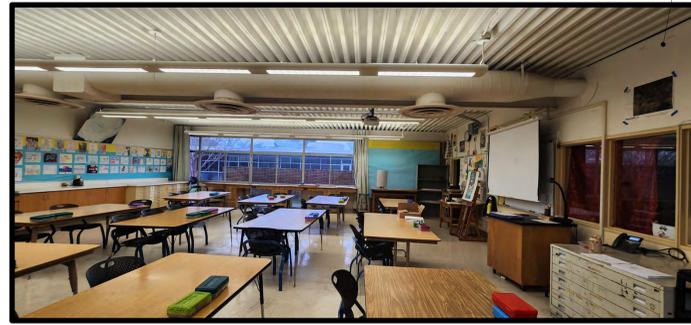
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E11 CLASSROOM



E12 CLASSROOM

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NOTES

- SN 01 ALL EXISTING WALLS, IN EXCEPTION OF BRICK, TO BE PAINTED
- SN 02 INSTALL RUBBER BASE, TYP OF ALL WALLS
- SN 03 EXISTING METAL DECK TO BE PAINTED
- SN 04 EXISTING INTERIOR DOORS AND FRAMES TO BE PAINTED
- SN 05 EXISTING DUCTWORK TO BE PAINTED
- SN 06 EXISTING WINDOW FRAMES TO BE PAINTED

FACILITY:

3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

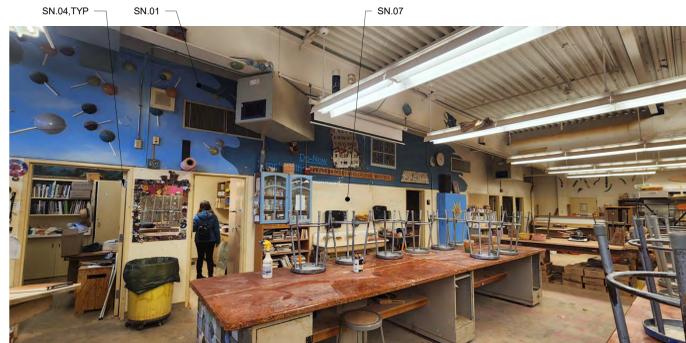
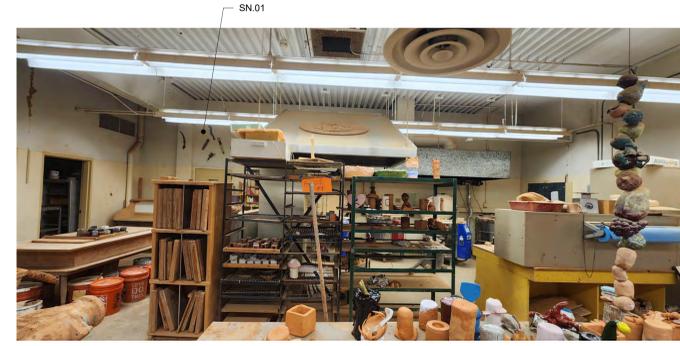
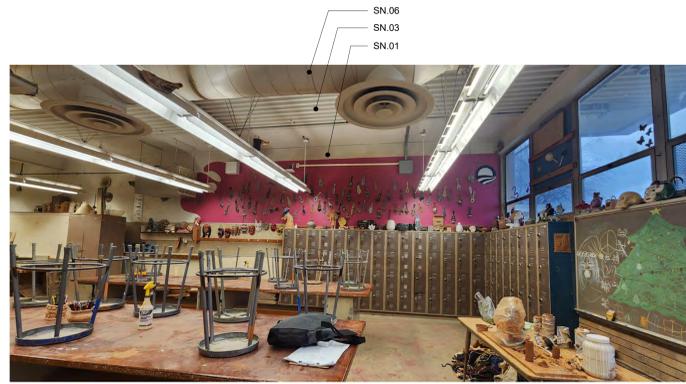
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INTERIOR ELEVATIONS

DATE: 02/02/23 CLIENT PROJ NO: 3156068100

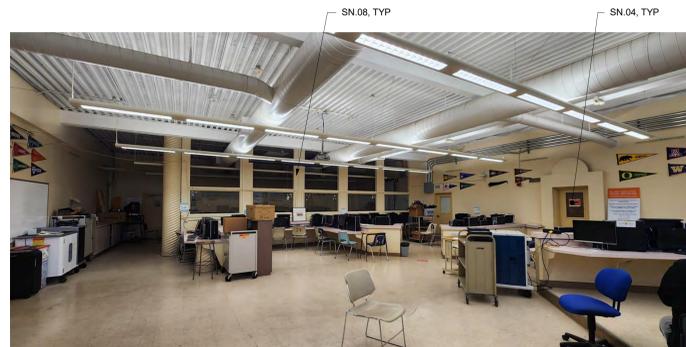
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F7 CERAMICS



F8 HANDICRAFT

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-120957 INC.
 REVIEWED FOR: [] FLS [] ACS []
 DATE: 04/12/2023

HMC Architects

3186068100

2101 CAPITOL AVE SUITE 100,
 SACRAMENTO, CA, 95816
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ISSUE

DESCRIPTION	DATE

GENERAL NOTES

- EXISTING CASEWORK & BUILT IN EQUIPMENT, TO BE PROTECTED DURING CONSTRUCTION WHERE OCCURS
- EXISTING WALL & CEILING MOUNTED WIREMOLD & EXPOSED CONDUIT TO BE PAINTED WHERE OCCURS
- EXISTING CEILING MOUNTED PROJECTORS TO BE PROTECTED DURING CONSTRUCTION WHERE OCCURS
- EXISTING MARKERBOARDS & TACKBOARDS TO REMAIN, PROTECT DURING CONSTRUCTION WHERE OCCURS
- EXISTING CLOCK AND SPEAKERS TO REMAIN, PROTECT DURING CONSTRUCTION WHERE OCCURS
- ONE WALL IN EACH ROOM TO BE ACCENT PAINT, COORDINATE LOCATION OF ACCENT WALL WITH CLIENT

BRICK CLEANING

- CLEAN ALL BRICK EXTERIOR SURFACES, INCLUDING BRICK VENEER, BRICK PLANTER/SEAT WALLS, BRICK SIGNAGE BASES, ETC. CLEANING SHALL OCCUR ONLY ON DRY WARM DAYS
- FOLLOW RECOMMENDED CLEANING PROCEDURES AS OUTLINED BY THE BRICK INDUSTRY ASSOCIATION (GOBRICK.COM)
- CLEANING PROCESS SHALL START FROM TOP OF WALL AND WORK DOWN
- USE CLEAN, POTABLE WATER FREE OF SALTS, DETERGENTS, ACIDS, ALKALIES, OR ORGANIC MATERIALS
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- IN AREAS WHERE DRY BRUSHING IS NOT EFFECTIVE IN REMOVAL OF EFFLORESCENCE, USE CLEANING SOLUTION, SOLUTION TO BE PROSO-CO, INC. SURE KLEAN NO. 600 OR APPROVED EQUAL, NON-ACIDIC, NOT HARMFUL TO MASONRY WORK. PROTECT ALL ADJACENT SURFACES AND APPLY IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. TEST SMALL AREA BEFORE APPLYING TO THE ENTIRE SURFACE.

NOTES

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- SN.02 INSTALL RUBBER BASE, TYP OF ALL WALLS
- SN.03 EXISTING METAL DECK TO BE PAINTED
- SN.04 INTERIOR DOORS AND FRAMES TO BE PAINTED
- SN.05 NOT USED
- SN.06 EXISTING DUCTWORK TO BE PAINTED
- SN.07 EXISTING CERAMIC TILE TO BE DEEP CLEANED
- SN.08 EXISTING WINDOW FRAMES TO BE PAINTED

FACTORY:
 3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
 LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
 INTERIOR ELEVATIONS

DATE: 01/20/23 CLIENT PROJ NO: 3156068100

SHEET:

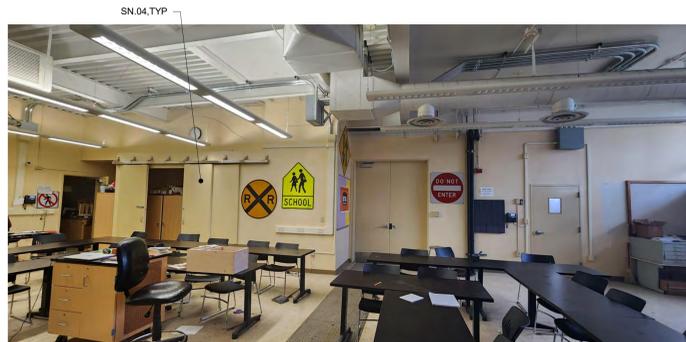
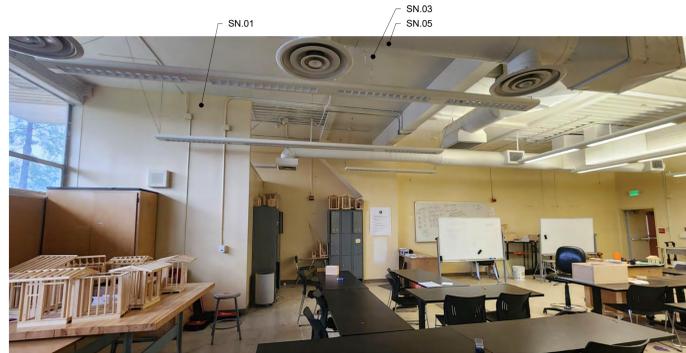
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THE FINE BROWN ANDERSON ARCHITECTURE FIRM



F9 WOOD SHOP



F10 SHOP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120957 INC.
REVIEWED FOR:
SS FLS ACS
DATE: 04/12/2023

HMC Architects

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DESCRIPTION	DATE
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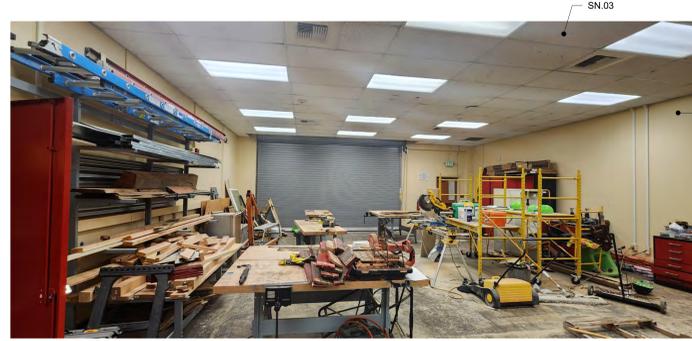
FACILITY:
3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
INTERIOR ELEVATIONS

DATE: 01/20/23 CLIENT PROJ NO: 3156068100

SHEET:

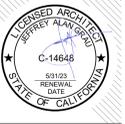


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FACILITY:
3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
INTERIOR ELEVATIONS

DATE: 01/20/23 CLIENT PROJ NO: 3156068100

SHEET:

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DOOR SCHEDULE

BLDG	NO	DOORS						FRAMES						NOTES
		SIZE	TYPE	MAT.	FIN.	RATING (MIN.)	GLASS	HDWR GROUP	FRAME TYPE	FRAME FIN.	HEAD	JAMB	THRSH.	
BUILDING 4	B7	3'-0" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 4	B8	3'-0" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 4	B9	3'-0" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 4	B10	3'-0" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 5	F7	PR 3'-4" x 6'-8"	B	HM	PT	-	S.G.	1	(E)	PT	(E)	(E)	4/A1.13	
BUILDING 5	F8A	PR 3'-4" x 6'-8"	B	HM	PT	-	S.G.	1	(E)	PT	(E)	(E)	4/A1.13	
BUILDING 5	F8B	PR 3'-4" x 6'-8"	B	HM	PT	-	S.G.	1	(E)	PT	(E)	(E)	4/A1.13	
BUILDING 6	C4	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 6	C5	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 6	C6	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 7	D5	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 7	D6	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 7	D7	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 7	E5	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 7	E6	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 7	E7	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 8	F4	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 8	F5	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 8	F6	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 9	C1	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 9	C2	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 9	C3	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 10	D2	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 10	D3	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 10	D4	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 10	E2	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 10	E3	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 10	E4	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 11	F1	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 11	F2	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY
BUILDING 11	F3	3'-2" x 6'-8"	(E)	(E)	PT	-	-	2	(E)	PT	(E)	(E)	4/A1.13	NEW THRESHOLD ONLY

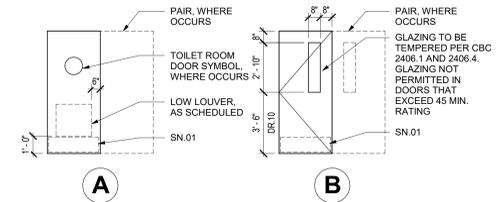
LEGEND

DOOR
H.M. HOLLOW METAL

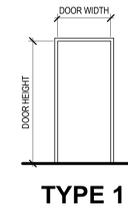
FINISH
PT. PAINT

GLASS
- NO GLAZING
S.G. SAFETY GLAZING

DOOR TYPES



DOOR FRAME TYPES



DOOR NOTES

- DR.01 UNDER CUT DOOR 3/4" FOR VENTILATION.
- DR.02 HOLD OPEN DEVICE, FIRE ALARM ACTIVATED.
- DR.03 COORDINATE DOOR FRAME WITH CERAMIC TILE WAINSCOTT.
- DR.04 LOUVER AT TOP OF DOOR: W" x H".
- DR.05 LOUVER AT BOTTOM OF DOOR: W" x H".
- DR.06 HORIZONTAL BLINDS AT VISION LITE.
- DR.07 DOOR IS PART OF STOREFRONT CURTAIN WALL SYSTEM. SEE WINDOW SCHEDULE.
- DR.08 PAINT "FIRE RISER ROOM" IN 4" TALL RED LETTERS AT 5'-0" A.F.F. TO TOP OF HIGHEST LETTERS
- DR.09 PAINT "FIRE CONTROL ROOM" IN 4" TALL RED LETTERS AT 5'-0" A.F.F. TO TOP OF HIGHEST LETTERS
- DR.10 3'-7" MAX. TO BOTTOM EDGE OF VISIBLE GLAZING

DOOR CODE COMPLIANCE

- 1 ALL RATED DOORS TO BE POSITIVE LATCHING AND SELF-CLOSING
- 2 FIRE DOOR ASSEMBLIES SHALL BE LABELED IN ACCORDANCE WITH SECTION 716.2.9 OF THE CALIFORNIA BUILDING CODE.
- 3 ALL FIRE RATED ASSEMBLIES ARE TO BE PROVIDED WITH AN APPROVED SMOKE GASKET. INSTALL TO PROVIDE A CONTINUOUS SEAL WHERE THE DOOR MEETS THE STOP ON THE HEAD AND BOTH JAMBS.
- 4 EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- 5 FIRE RATED DOOR FRAMES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. MANUFACTURER'S INSTRUCTIONS SHALL BE MADE AVAILABLE TO INSPECTING AUTHORITIES.
- 6 INSTALL FLOOR STOPS IN LOCATION NOT TO CAUSE TRIPPING HAZARD IN PATH OF TRAVEL. 4" MAX FROM WALL.
- 7 FIRE DOORS SHALL HAVE AN APPROVED LABEL OR LISTING MARK INDICATING THE FIRE PROTECTION RATINGS WHICH IS PERMANENTLY AFFIXED AT THE FACTORY WHERE FABRICATION AND ASSEMBLY ARE DONE.



HMC Architects

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ISSUE	DATE

GENERAL NOTES

1. PROVIDE DOUBLE PANE INSULATING GLASS AT EXTERIOR DOORS, UNLESS OTHERWISE NOTED.

NOTES

- SN.01 SMOOTH, UNINTERRUPTED SURFACE, 10" HIGH ON PUSH SIDE OF DOOR

FACILITY:

3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
DOOR SCHEDULE

DATE: 09/27/20

CLIENT PROJ NO: 3156068100

SHEET:

A9.11

STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-MCH-4
This document is used to demonstrate compliance for mechanical systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, or 141.0(b)2 for alterations.
 Project Name: Luther Burbank High School Report Page: (Page 1 of 6)
 Project Address: 3500 Florin Road Date Prepared: 2/22/2023

A. GENERAL INFORMATION

01 Project Location (city)	Sacramento	04 Total Conditioned Floor Area	0
02 Climate Zone	12	05 Total Unconditioned Floor Area	348
03 Occupancy Types Within Project:		06 # of Stories (Habitable Above Grade)	1

• Office

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

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

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
 Documentation Software: EnergyPro
 Compliance ID: EnergyPro-30211-0223-0055 Report Generated: 2023-02-22 16:18:55

STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-MCH-4
 Project Name: Luther Burbank High School Report Page: (Page 4 of 6)
 Project Address: 3500 Florin Road Date Prepared: 2/22/2023

Fan Energy Index (FEI)

01	02	03
Name or Item Tag	FEI Exception	FEI

L. SYSTEM CONTROLS
This section does not apply to this project.

J. VENTILATION AND INDOOR AIR QUALITY
This section does not apply to this project.

K. TERMINAL BOX CONTROLS
This section does not apply to this project.

L. DISTRIBUTION (DUCTWORK AND PIPING)
This section does not apply to this project.

M. COOLING TOWERS
This section does not apply to this project.

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

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

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
 Documentation Software: EnergyPro
 Compliance ID: EnergyPro-30211-0223-0055 Report Generated: 2023-02-22 16:18:55

STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-MCH-4
 Project Name: Luther Burbank High School Report Page: (Page 2 of 6)
 Project Address: 3500 Florin Road Date Prepared: 2/22/2023

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

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

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

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

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)
This section does not apply to this project.

G. PUMPS
This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
 Documentation Software: EnergyPro
 Compliance ID: EnergyPro-30211-0223-0055 Report Generated: 2023-02-22 16:18:55

STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-MCH-4
 Project Name: Luther Burbank High School Report Page: (Page 5 of 6)
 Project Address: 3500 Florin Road Date Prepared: 2/22/2023

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
There are no NRCA forms required for this project.

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION
There are no NRCV forms required for this project.

Q. MANDATORY MEASURES DOCUMENTATION LOCATION
This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

01	02
Compliance with Mandatory Measures documented through MCH Mandatory Measures Note Block	Yes Plan sheet or construction document location M-Sheets

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
 Documentation Software: EnergyPro
 Compliance ID: EnergyPro-30211-0223-0055 Report Generated: 2023-02-22 16:18:55

STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-MCH-4
 Project Name: Luther Burbank High School Report Page: (Page 3 of 6)
 Project Address: 3500 Florin Road Date Prepared: 2/22/2023

H. FAN SYSTEMS & AIR ECONOMIZERS
This table is used to demonstrate compliance with prescriptive requirements found in 140.4(c), 140.4(e), 140.4(m), 170.2(c)3, and 170.2(c)4A for fan systems. Fan systems serving only process loads are exempt from these requirements and do not need to be included in Table H.

System Name	SHPI-1 SHPO-1	Quantity	1	Fan System Status	New	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	455	Site Elevation	84	Economizer	NA: <=33 kbtu/h cooling
01	02	03	04			05	06	07	08	09	10	11	Allowance		Design
Fan Name or Item Tag	Fan Type	Qty	Component			Airflow through Component (%)	Water Gauge (w.g)	Component Allowance	Fan Allowance (watt/cfm)	Design Electrical Input Power Method	Motor Nameplate Horsepower	Design Electrical Input Power (kW)			
SF	Supply	1	Base Allowance for system serving spaces <=6 floors away			455		106		Manufacturer provided		0.04			
			MERV 13-16 Filter upstream of thermal conditioning equipment			455		63							
			Hydronic/DX cooling coil or heat pump coil			455		63							
											Fan System Allowance (kW) ¹			Fan System Electrical Output (kW)	

¹ FOOTNOTES: Fans serving spaces with design background noise goals below NC35
² Low-burndown single-zone VAV fan system must be capable of and configured to reduce airflow to 50 percent of design airflow and use no more than 30 percent of the design wattage at that airflow. No more than 10 percent of the design load served by the equipment shall have fixed loads.

H. EXHAUST AIR HEAT RECOVERY 140.4(q), 170.2(c)4D

01	02	03	04	05	06	07	08	09	10	11
Fan System Name	Qty	Hours of Operation per Year	Design Supply Airflow Rate	Outdoor Airflow	% Outdoor Air at Full Design Airflow	Exemptions to Exhaust Air Heat Recovery Requirement per 140.4(q) & 170.2(c)4D	Exhaust Air Heat Recovery 140.4(q) & 170.2(c)4D	Type Of Heat Recovery Rating	Required Recovery Ratio	Energy Recovery Bypass

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
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STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-MCH-4
 Project Name: Luther Burbank High School Report Page: (Page 6 of 6)
 Project Address: 3500 Florin Road Date Prepared: 2/22/2023

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Ryan Celaya
 Documentation Author Signature: [Signature]
 Signature Date: 2023-02-22
 Company: Capital Engineering Consultants, Inc.
 Address: 11020 Sun Center Drive, Suite 100
 City/State/Zip: Rancho Cordova CA 95670
 CEAV HERS Certification Identification (if applicable):
 Phone: 916-851-3500

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I verify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- 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).
- 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.
- 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.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Ryan Celaya
 Responsible Designer Signature: [Signature]
 Date Signed: 2023-02-22
 Company: Capital Engineering Consultants, Inc.
 Address: 11020 Sun Center Drive, Suite 100
 City/State/Zip: Rancho Cordova CA 95670
 License: M34234
 Phone: 916-851-3500

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
 Documentation Software: EnergyPro
 Compliance ID: EnergyPro-30211-0223-0055 Report Generated: 2023-02-22 16:18:55

AGENCY APPROVAL:

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-120957 INC.
 REVIEWED FOR:
 SS FLS ACS
 DATE: 04/12/2023

HMC Architects
 3186068100
 2101 CAPITOL AVE SUITE 100,
 SACRAMENTO, CA 95816
 916.368.7990 / www.hmcarchitects.com

ISSUE

DESCRIPTION	DATE



DATE SIGNED: 4/3/23



FACILITY:
 3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
 LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
 HVAC TITLE 24 DOCUMENTATION

CONSTRUCTION DOCUMENTS

DATE: 01/25/23 CLIENT PROJ. NO: 3156068100

SHEET:
M7.01

THE NAME SHOWN ABOVE IS THE
 EXACT NAME SHOWN ABOVE IS THE
 EXACT NAME SHOWN ABOVE IS THE

ELECT. DISTRIBUTION SYSTEM BRACING NOTE

MEP COMPONENT ANCHORAGE NOTE

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

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

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

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

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

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE
 PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

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

MP MD PP E OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP MD PP E OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) # _____.

ABBREVIATIONS

1PH, 3PH 1P, 2P, 3P 3W, 4W (D) (E) (ER) (N) (R)	1 PHASE, 3 PHASE 1 POLE, 2 POLE, 3 POLE 3 WIRE, 4 WIRE DEMO, DEMOLISH EXISTING EXISTING RELOCATED NEW RELOCATE	MCA MCB MCC MLO MOCP	MINIMUM CIRCUIT AMPACITY MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER MAIN LUGS ONLY MAXIMUM OVER-CURRENT PROTECTION EMPTY CONDUIT W/ PULL-LINE
A, AMPS AC AF AFF AIC	AMPERES ALTERNATING CURRENT FRAME RATING IN AMPERES ABOVE FINISHED FLOOR AMPERES INTERRUPTING CAPACITY	NC NCTC NEC NEMA	NORMALLY CLOSED NURSE CALL TERMINAL CABINET NATIONAL ELECTRIC CODE NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION NOT INCLUDED IN ELECTRICAL SCOPE
AL, ALUM ATS AT AWG	ALUMINIUM AUTO TRANSFER SWITCH TRIP RATING IN AMPERES AMERICAN WIRE GAUGE	NL NO NTS	NIGHT LIGHT NORMALLY OPEN NOT TO SCALE
BTR	BUILDING TELECOM ROOM	OCF OCFI	OVER-CURRENT PROTECTION OWNER FURNISHED CONTRACTOR INSTALLED OWNER FURNISHED OWNER INSTALLED
C CB,C/B CEC CT CU	CONDUIT CIRCUIT BREAKER CALIFORNIA ELECTRICAL CODE CURRENT TRANSFORMER COPPER	OF0I	
DC	DIRECT CURRENT	PT PVC	POTENTIAL TRANSFORMER POLYVINYL CHLORIDE CONDUIT
EA ELEC EMT	EACH ELECTRICAL ELECTRICAL METALLIC TUBING	RLA RSC	RUNNING LOAD AMP RIGID STEEL CONDUIT
FA FACP FATC FLA FT	FIRE ALARM FIRE ALARM CONTROL PANEL FIRE ALARM TERMINAL CABINET FULL LOAD AMPS FOOT OR FEET	SPD SPDT SPST SST	SURGE PROTECTION DEVICE SINGLE POLE DOUBLE THROW SINGLE POLE SINGLE THROW SOLID STATE TRIP
G, GND GA GFCI	GROUND GAUGE GROUND FAULT CIRCUIT INTERRUPTER	TER TR TM TTB	TELECOM EQUIPMENT ROOM TELECOM ROOM THERMAL MAGNETIC TERMINAL BACKBOARD
GFI	GROUND FAULT INTERRUPTER	UG UL UON UPS	UNDERGROUND UNDERWRITERS LAB UNLESS OTHERWISE NOTED UNINTERRUPTIBLE POWER SUPPLY
HOA HP	HAND-OFF-AUTO HORSE POWER	V VA VAC	VOLTS VOLT-AMPS VOLTS ALTERNATE CURRENT
J-BOX	JUNCTION BOX	W WCR WP	WATTS WITHSTAND & CLOSING RATING WEATHERPROOF
KVA KW	ONE THOUSAND VOLT-AMPS ONE THOUSAND WATTS	XFMR XFER	TRANSFORMER TRANSFER SWITCH

STANDARD ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION
	NUMBERED NOTE.
	EQUIPMENT NOTE.
	ENLARGED PLAN OR DETAIL CALL-OUT.

WIRING DEVICE SYMBOLS

SYMBOL	DESCRIPTION
	20 AMP 125V 3W DUPLEX CONVENIENCE RECEPTACLE, +18" U.O.N.
	20 AMP 125V 3W DUPLEX CONVENIENCE RECEPTACLE W/ GROUND FAULT INTERRUPTER.
	EXISTING SINGLE RECEPTACLE OUTLET.
	EXISTING FLOOR RECEPTACLE OUTLET.
	EXISTING FLOOR JUNCTION BOX.
	EXISTING COMBINATION FLOOR JUNCTION BOX.
	JUNCTION BOX, SIZE AND TYPE AS INDICATED OR REQUIRED.
SUBSCRIPTS: DEVICE SUBSCRIPTS DESIGNATE THE FOLLOWING:	
C	= ABOVE COUNTER MOUNTED AT 42" TO CENTER OF BOX
TV	= MOUNTED AT 82" AFF TO CENTER OF BOX TO POWER TV/MONITOR
WP	= WEATHERPROOF
IG	= ISOLATED GROUND
TP	= TAMPERPROOF
USB	= PROVIDE RECEPTACLE W/ DUAL USB CHARGING
CR	= CEILING MOUNTED CORD REEL
D	= DEDICATED
CLG	= CEILING MOUNTED, PROVIDE SUPPORT TO STRUCTURAL CEILING
RJ45	= TERMINATE CABLE WITH MALE RJ-45 CONNECTOR INSIDE J-BOX, PROVIDE 12" MINIMUM PIGTAIL.

POWER DISTRIBUTION SYMBOLS

SYMBOL	DESCRIPTION
	BRANCH CIRCUIT PANELBOARD, SURFACE MOUNTED.
	DISTRIBUTION PANEL/MOTOR CONTROL CENTER.
	CONTROL AND/OR EQUIPMENT, PROVIDED UNDER ANOTHER DIVISION, PROVIDE POWER CONNECTION AS INDICATED.
	1-POLE 1-PHASE MOTOR RATED DISCONNECT SWITCH, + 48" A.F.F.
	3-POLE 3-PHASE MOTOR RATED DISCONNECT SWITCH.
	FUSED DISCONNECT SWITCH W/ CLASS 'R' DUAL ELEMENT FUSES, SIZED PER EQUIPMENT NAME PLATE RATING. NUMBER ADJACENT INDICATES AMPERE RATING OF SWITCH / POLES / FUSE RATING. REFER TO PLANS FOR ACTUAL RATINGS.
	NON FUSED DISCONNECT SWITCH. NUMBER ADJACENT INDICATES AMPERE RATING OF SWITCH.

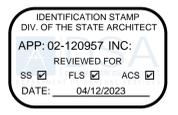
RACEWAY SYMBOLS

SYMBOL	DESCRIPTION
	RACEWAY INSTALLED IN CEILING OR WALL. ROUTE EXPOSED IN ALL UNFINISHED AREAS.
	RACEWAY INSTALLED BELOW FINISHED FLOOR OR GRADE.
	EXISTING CONDUIT RUN TO BE ABANDONED. CONDUIT ABOVE THE FLOOR AND BELOW THE STRUCTURE ABOVE SHALL BE REMOVED. CONDUCTORS SHALL BE REMOVED.
	EXISTING CONDUIT RUN, VERIFY ROUTING ON THE JOB.
	REMOVE (E) WIRE, PULL IN NEW WIRES, #12 AWG UNLESS NOTED.
	ARROW AT END OF RACEWAY INDICATES HOME RUN TO RESPECTIVE PANELBOARD OR SWITCHBOARD.
	BRANCH CIRCUIT WITHOUT FURTHER DESIGNATION INDICATES A 2 #12 AWG CIRCUIT WITH 1 #12 AWG GROUND.
	STRAIGHT CROSS-LINES IN BRANCH CIRCUIT RACEWAY INDICATE NUMBER OF #12 AWG WIRES IN A CIRCUIT. SHORT LINES INDICATE UNGROUNDED CONDUCTORS. LONG LINES INDICATE NEUTRAL CONDUCTORS. WIRES SHOWN ARE IN ADDITION TO 1 #12 AWG GROUNDING CONDUCTOR.
	BRANCH CIRCUIT WITH GROUNDING WIRE LARGER THAN #12 AWG. NUMBER ADJACENT TO CURVED CROSS-LINE INDICATES WIRE SIZE.
	BRANCH CIRCUIT RACEWAY WITH WIRE OTHER THAN #12 AWG. NUMBER ADJACENT TO STRAIGHT OR CURVED CROSS-LINES INDICATES WIRE SIZE. UNGROUNDED AND NEUTRAL CONDUCTORS SHALL BE THE SAME SIZE UNLESS OTHERWISE NOTED.
	SURFACE STEEL RACEWAY, WIREMOLD 700 SERIES WITH ALL REQUIRED J-BOXES, FITTINGS AND ASSOCIATED HARDWARE FOR A COMPLETE INSTALLATION FASTEN TO WALL/CEILING WITH SCREWS PER MANUFACTURER'S REQUIREMENTS. WHITE COLOR.
	SURFACE STEEL RACEWAY, WIREMOLD 500 SERIES WITH ALL REQUIRED J-BOXES, FITTINGS AND ASSOCIATED HARDWARE FOR A COMPLETE INSTALLATION FASTEN TO WALL/CEILING WITH SCREWS PER MANUFACTURER'S REQUIREMENTS. WHITE COLOR.
	FLEX CONDUIT.
	INDICATES RACEWAY TURNING UP.
	INDICATES RACEWAY TURNING DOWN.

SHEET INDEX

SHEET	DESCRIPTION
E0.0.1	ABBREVIATIONS, SYMBOLS, NOTES & SHEET INDEX
E1.0.1	ELECTRICAL SITE PLAN
E2.1.1	POWER PLAN BUILDING 4
E2.2.1	POWER PLANS BUILDINGS 6 & 7
E2.3.1	POWER PLANS BUILDINGS 8 & 9
E2.4.1	POWER PLANS BUILDINGS BUILDINGS 10 & 11
E2.5.1	PARTIAL POWER PLAN & PARTIAL ROOF POWER PLAN ADMINISTRATION BUILDING
E3.0.1	DETAILS

AGENCY APPROVAL:



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2101 CAPITOL AVE SUITE 100
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 (916) 368 7990 / www.hmcarchitects.com

DESCRIPTION	DATE



EDGE
 ELECTRICAL CONSULTING
 1801 7th Street Suite 150 Sacramento, CA 95811
 1151 Harbor Bay Parkway Suite 123A Alameda, CA 94602
 916.256.2460 916.634.7200
 Project Number: J505 Contact: DEAN

04/04/2023

KEYNOTES

NOTES

FACILITY:

3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
 LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
 ABBREVIATIONS, SYMBOLS, NOTES & SHEET INDEX

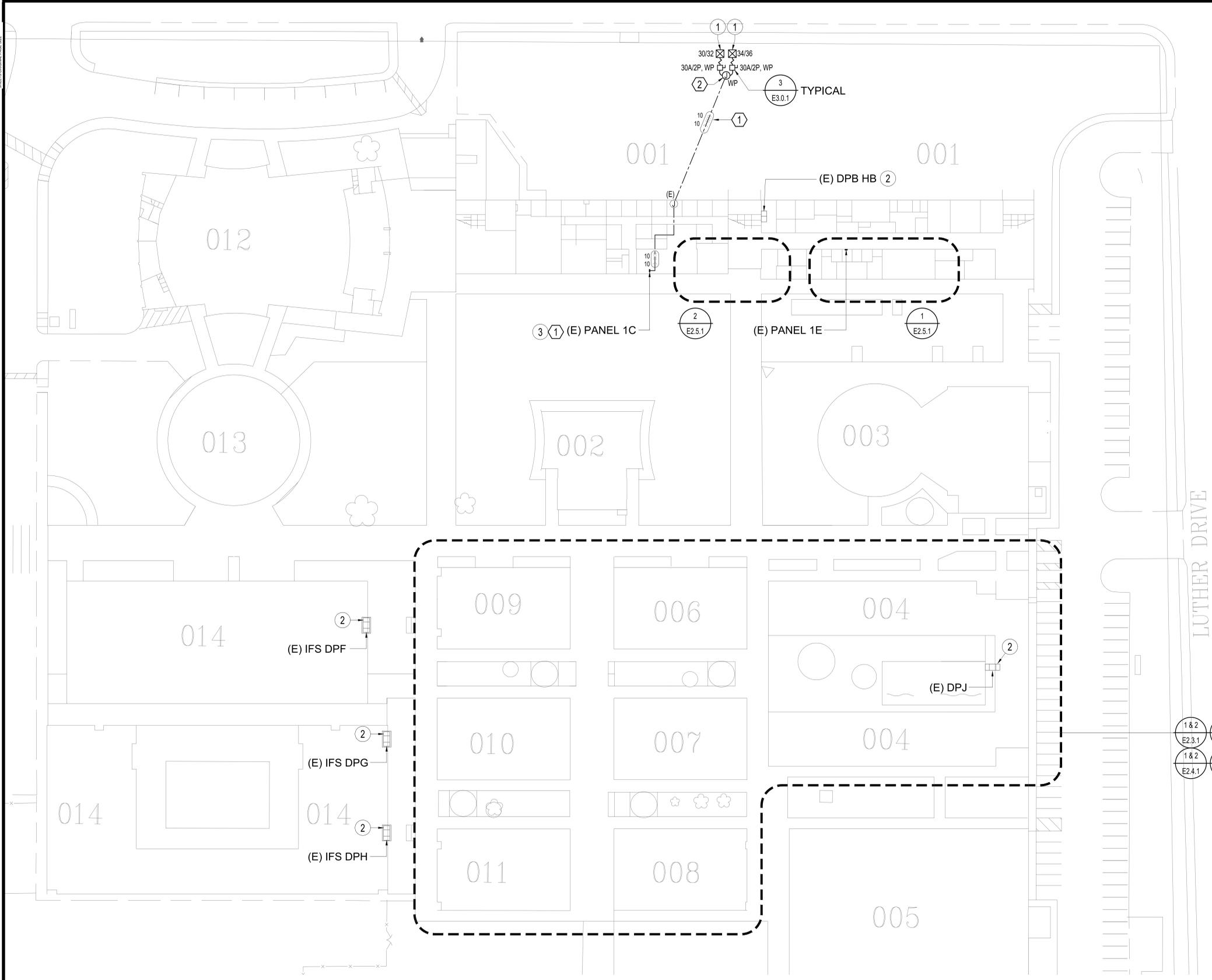
DATE: 04/4/23 CLIENT PROJ NO: 3156068100

SHEET:

E0.0.1

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DATE: 04/12/2023 3:28:10 PM



EQUIPMENT NOTES

- ① MARQUEE SIGN POWER CONNECTION, (2) 20A CIRCUITS, 208 VOLTS, 1-PHASE, 1704W EACH.
- ② EXISTING EATON DISTRIBUTION PANEL. REPLACE EXISTING INTEGRATED EATON/CUTLER HAMMER SURGE PROTECTION DEVICE, CLIPPER POWER SYSTEM, 100kA.
- ③ EXISTING EATON/CUTLER HAMMER PANEL, 225A, 120/208V, 3 PHASE. PROVIDE (2) 20/2 CIRCUIT BREAKER TO SERVE NEW LOADS, MATCH EXISTING A.I.C. RATING.

NUMBERED NOTES

- ① DISCONNECT EXISTING MARQUEE SIGN POWER CONNECTION AND REMOVE CONDUCTORS BACK TO PANEL. USE EXISTING CONDUIT AND PROVIDE POWER WIRING FOR NEW MARQUEE SIGN. LEAVE EXISTING CIRCUIT BREAKERS IN PANEL AND LABEL "SPARE".
- ② REPLACE EXISTING DAMAGED JUNCTION BOX LOCATED AT GRADE WITH NEMA 3R JUNCTION BOX.

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120957 INC.
REVIEWED FOR:
SS FLS ACS
DATE: 04/12/2023

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DESCRIPTION	DATE

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1801 7th Street, Suite 150, Sacramento, CA 95811, 916.256.2460
1151 Harbor Bay Pkwy, Suite 123A, Alameda, CA 94602, 510.634.7200

Project Number: J505, Contact: DEAN

04/04/2023

KEYNOTES

NOTES

FACILITY:

3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
ELECTRICAL SITE PLAN

DATE: 04/4/23 CLIENT PROJ NO: 3156068100

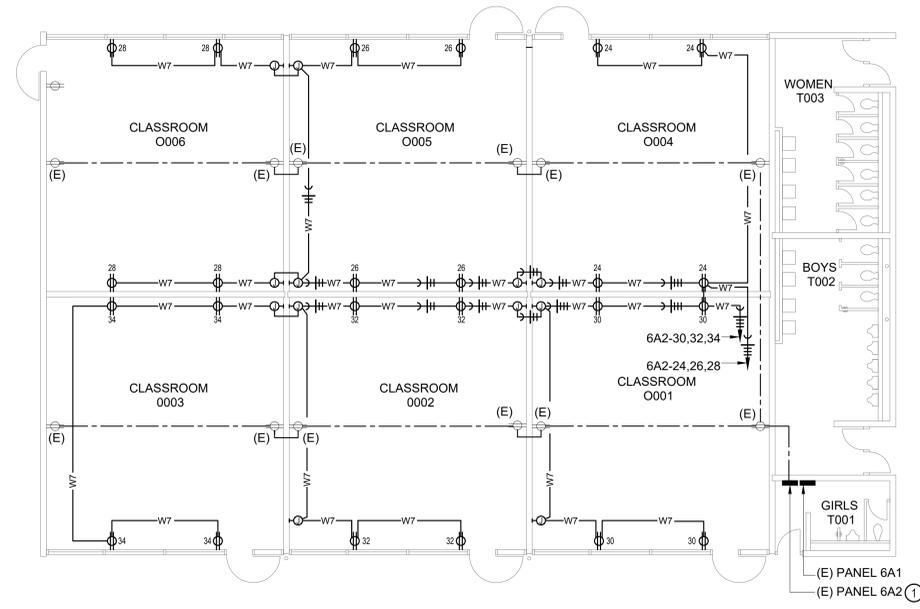
SHEET:

1 ELECTRICAL SITE PLAN
1" = 40'-0"

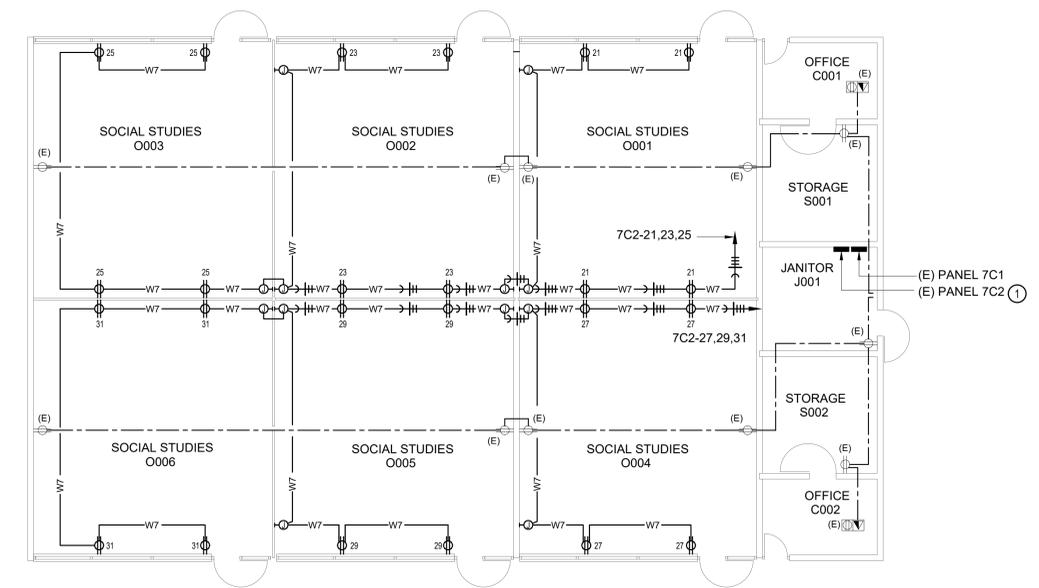


ALL WORK SHOWN ABOVE IS TO BE DONE IN ACCORDANCE WITH THE ORIGINAL DRAWING.

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1 POWER PLAN - BUILDING 6
 1/8" = 1'-0"



2 POWER PLAN - BUILDING 7
 1/8" = 1'-0"

SHEET NOTES

1. ALL RECEPTACLE OUTLETS SHALL BE TAMPER RESISTANT.
2. RECEPTACLE OUTLET CONDUCTOR INSTALLATION REQUIREMENTS:
 - a. BRANCH CIRCUIT LENGTHS UP TO 60', #12 AWG.
 - b. BRANCH CIRCUIT LENGTHS BETWEEN 60' AND 100', #10 AWG.
 - c. BRANCH CIRCUIT LENGTHS BETWEEN 100' AND 160', #8 AWG.

EQUIPMENT

1. PROVIDE 20/1 CIRCUIT BREAKER FOR EACH CIRCUIT SHOWN. MATCH EXISTING A.I.C. RATING. EXISTING EATON/CUTLER HAMMER PANEL 225A 120/208V, 3 PHASE. FOR CONSECUTIVE CIRCUITS, PROVIDE AN IDENTIFIED HANDLE TIE OF CIRCUIT BREAKERS SERVING MULTI WIRE BRANCH CIRCUITS IN COMPLIANCE WITH CEC 210.4(B).

AGENCY APPROVAL:



HMC Architects

3186068100

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 916 368 7990 / www.hmcarchitects.com

DESCRIPTION	DATE



EDGE ELECTRICAL CONSULTING

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 1511 Harbor Bay Pkwy, Suite 123A, Alameda, CA 94602
 916.256.2460, 916.634.7200

04/04/2023

KEYNOTES

NOTES

FACILITY:
3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
POWER PLANS BUILDINGS 6 & 7

DATE: 04/4/23 CLIENT PROJ NO: 3156068100
 SHEET:

FILE NAME: PROJECT 3186 - SCUSD 0106-000_Luther Burbank HS Improvements 06 BIM CAD 03 REV 1318606000 Luther Burbank HS.rvt
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SHEET: ORIGINAL PAGE 2/2

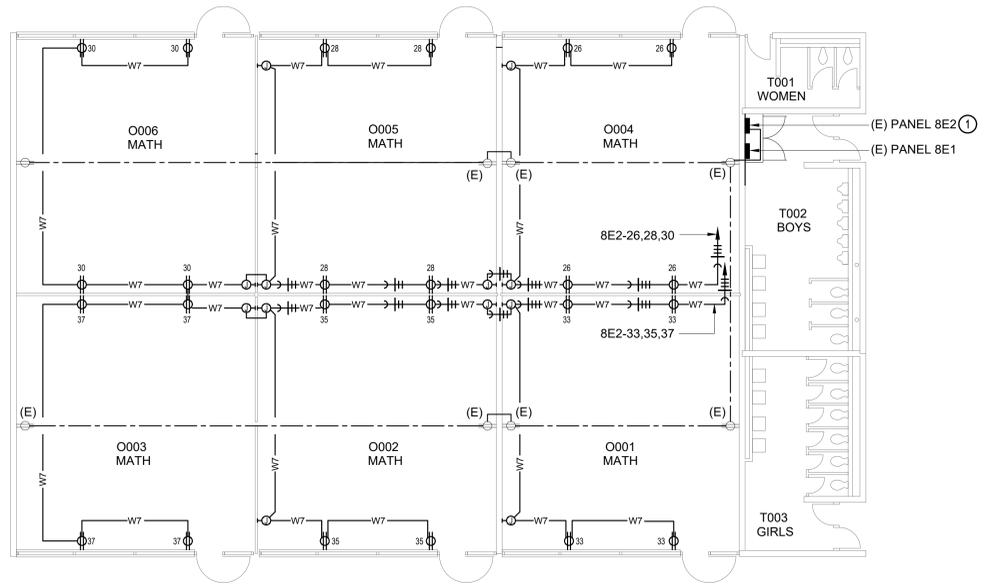
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DATE: 04/12/2023 8:28:10 PM

SHEET NOTES

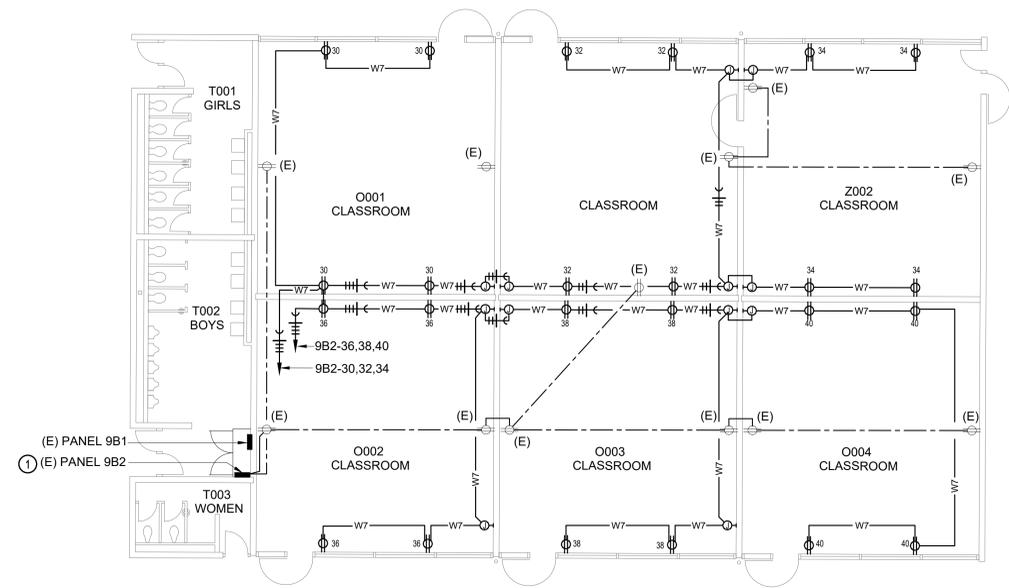
- ALL RECEPTACLE OUTLETS SHALL BE TAMPER RESISTANT.
- RECEPTACLE OUTLET CONDUCTOR INSTALLATION REQUIREMENTS:
 - BRANCH CIRCUIT LENGTHS UP TO 60', #12 AWG.
 - BRANCH CIRCUIT LENGTHS BETWEEN 60' AND 100', #10 AWG.
 - BRANCH CIRCUIT LENGTHS BETWEEN 100' AND 160', #8 AWG.

EQUIPMENT

- PROVIDE 20/1 CIRCUIT BREAKER FOR EACH CIRCUIT SHOWN, MATCH EXISTING A.I.C. RATING. EXISTING EATON/CUTLER HAMMER PANEL, 225A, 120/208V, 3 PHASE. FOR CONSECUTIVE CIRCUITS, PROVIDE AN IDENTIFIED HANDLE TIE OF CIRCUIT BREAKERS SERVING MULTI WIRE BRANCH CIRCUITS IN COMPLIANCE WITH CEC 210.4(B).



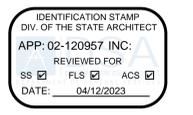
1 POWER PLAN - BUILDING 8
1/8" = 1'-0"



2 POWER PLAN - BUILDING 9
1/8" = 1'-0"



AGENCY APPROVAL:



HMC Architects

3186068100

2101 CAPITOL AVE SUITE 100,
SACRAMENTO, CA 95816
916 368 7990 / www.hmcarchitects.com

DESCRIPTION	DATE



EDGE
ELECTRICAL CONSULTING

1501 7th Street Suite 150 Sacramento, CA 95811 916.256.2460
1151 Harbor Bay Pkwy Suite 123A Alameda, CA 94602 510.634.7200
Project Number: J505 Contact: DEAN

04/04/2023

KEYNOTES

NOTES

FACILITY:
3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
POWER PLANS BUILDINGS 8 & 9

DATE: 04/4/23 CLIENT PROJ NO: 3156068100
SHEET:

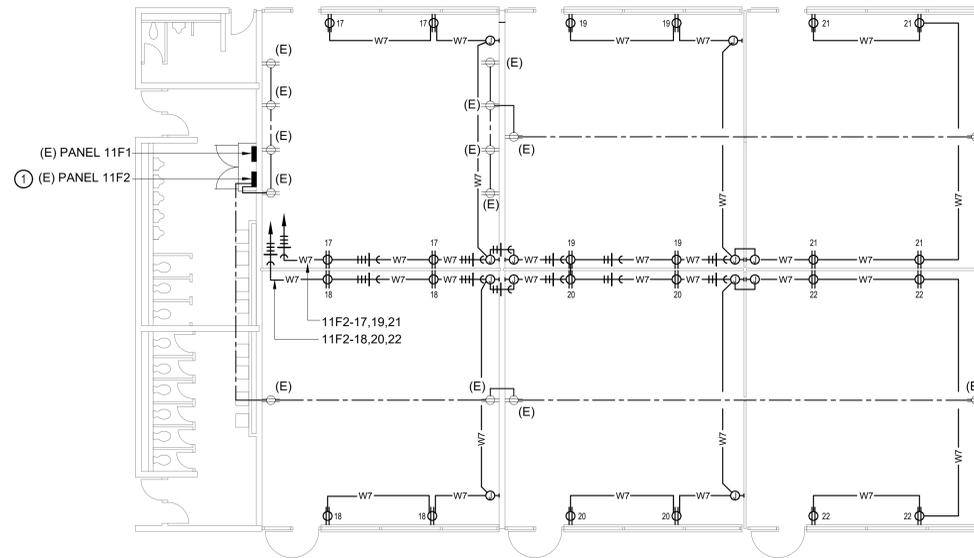
E2.3.1

SHEET NOTES

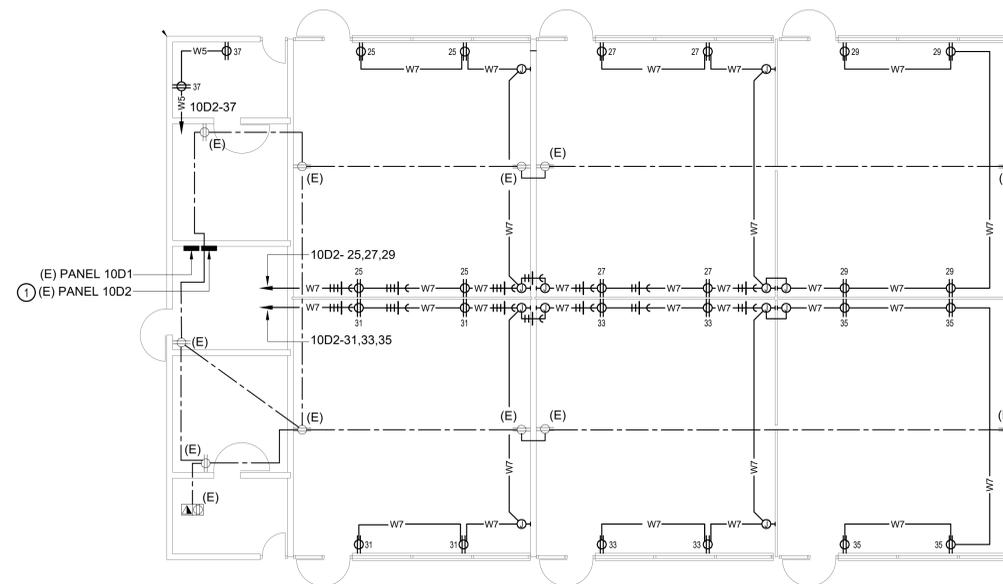
1. ALL RECEPTACLE OUTLETS SHALL BE TAMPER RESISTANT.
2. RECEPTACLE OUTLET CONDUCTOR INSTALLATION REQUIREMENTS:
 - a. BRANCH CIRCUIT LENGTHS UP TO 60', #12 AWG.
 - b. BRANCH CIRCUIT LENGTHS BETWEEN 60' AND 100', #10 AWG.
 - c. BRANCH CIRCUIT LENGTHS BETWEEN 100' AND 160', #8 AWG.

EQUIPMENT

- ① PROVIDE 20/1 CIRCUIT BREAKER FOR EACH CIRCUIT SHOWN. MATCH EXISTING A.I.C. RATING. EXISTING EATON/CUTLER HAMMER PANEL, 225A, 120/208V, 3 PHASE. FOR CONSECUTIVE CIRCUITS, PROVIDE AN IDENTIFIED HANDLE TIE OF CIRCUIT BREAKERS SERVING MULTI WIRE BRANCH CIRCUITS IN COMPLIANCE WITH CEC 210.4(B).



2 POWER PLAN - BUILDING 11
1/8" = 1'-0"



1 POWER PLAN - BUILDING 10
1/8" = 1'-0"



AGENCY APPROVAL:



HMC Architects

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DESCRIPTION	DATE



EDGE ELECTRICAL CONSULTING

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1151 Harbor Bay Pkwy, Suite 123A, Alameda, CA 94602
510 634 7200

Project Number: J505 Contact: DEAN

04/04/2023

KEYNOTES

NOTES

FACILITY:

3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
POWER PLANS BUILDINGS 10 & 11

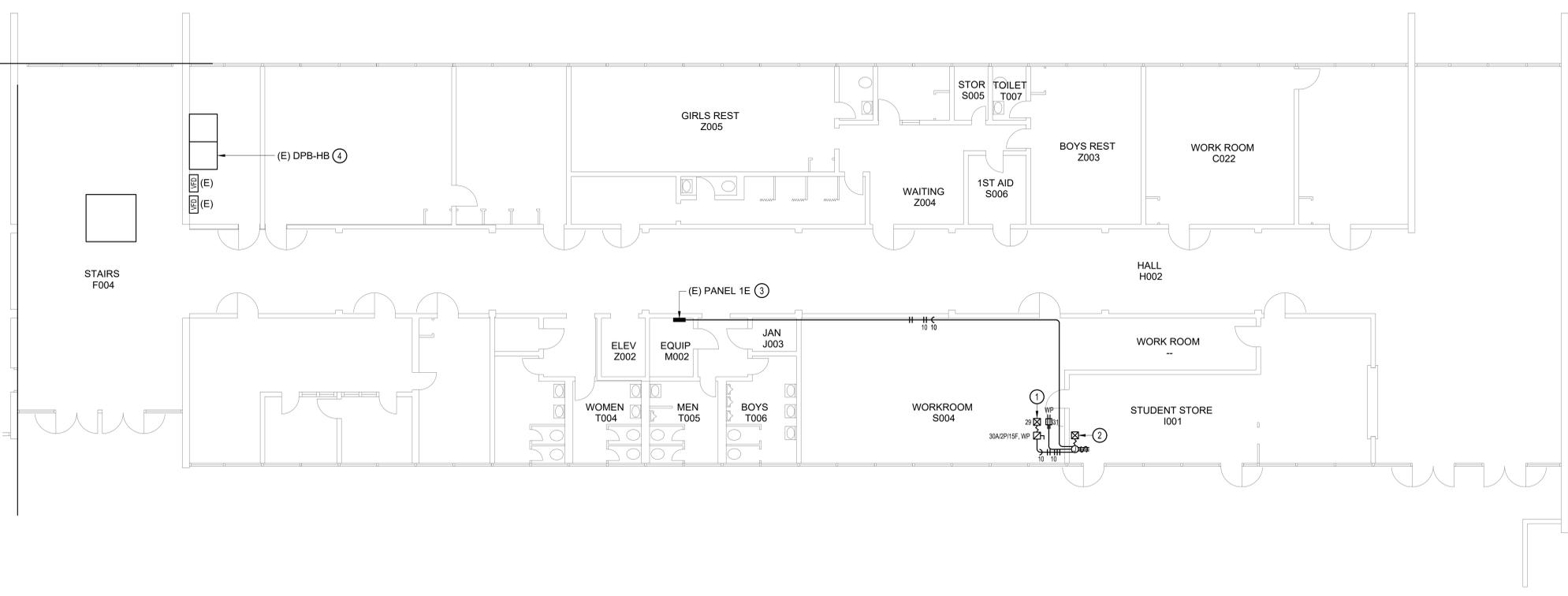
DATE: 04/4/23

CLIENT PROJ NO: 3156068100

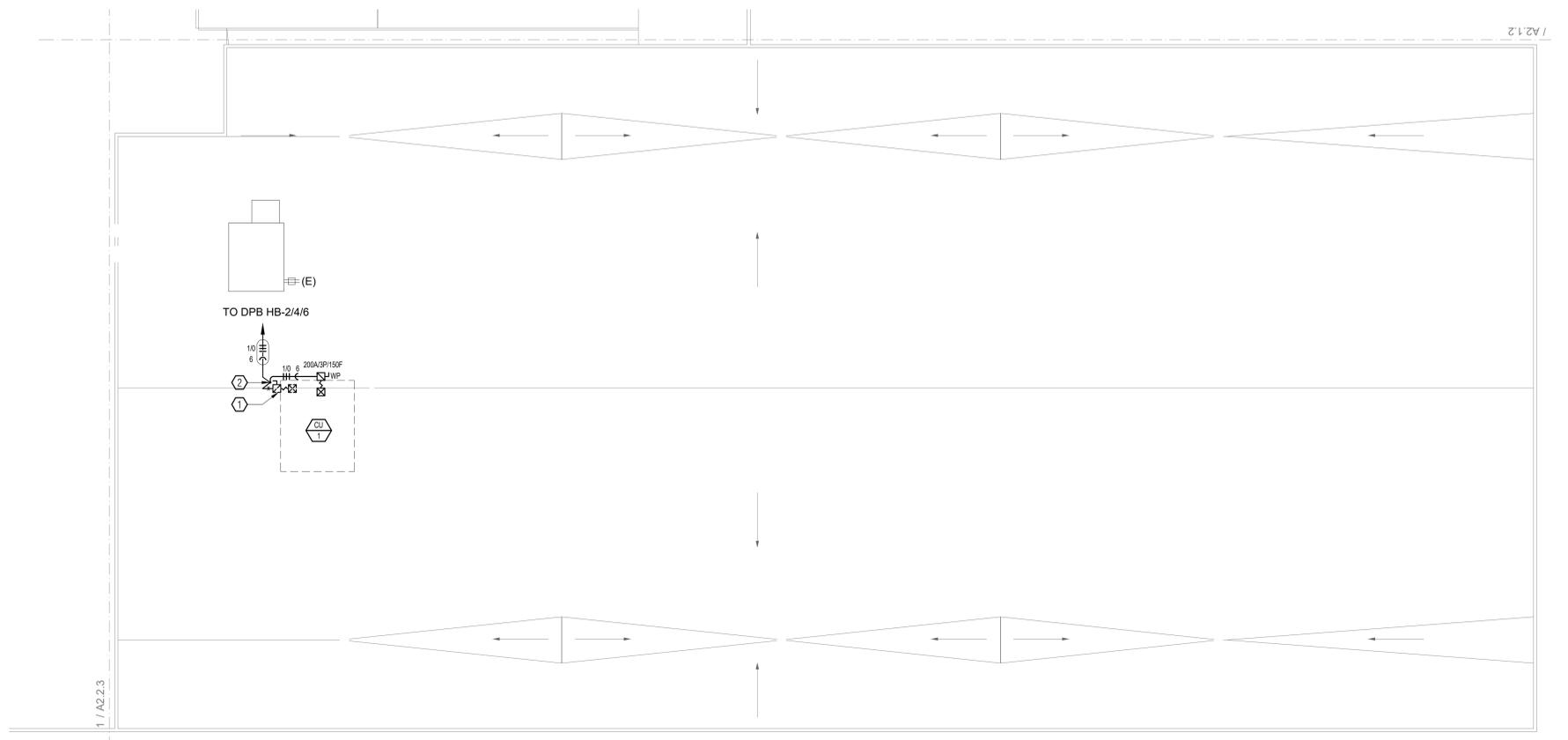
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E2.4.1

FILE NAME: SCUSD006-000_Luther Burbank HS Improvements.06 BIM CAD03 REV1318606000 Luther Burbank HS.rvt
DATE: 02/23/2023 8:28:10 PM
SHEET: ORIGINAL PAGE 2/2



1 PARTIAL POWER PLAN - ADMINISTRATION
1/8" = 1'-0"



2 PARTIAL ROOF POWER PLAN - ADMINISTRATION
1/8" = 1'-0"

SHEET NOTES

1. ALL RECEPTACLE OUTLETS SHALL BE TAMPER RESISTANT.
2. RECEPTACLE OUTLET CONDUCTOR INSTALLATION REQUIREMENTS:
 - a. BRANCH CIRCUIT LENGTHS UP TO 60', #12 AWG.
 - b. BRANCH CIRCUIT LENGTHS BETWEEN 60' AND 100', #10 AWG.
 - c. BRANCH CIRCUIT LENGTHS BETWEEN 100' AND 160', #8 AWG.

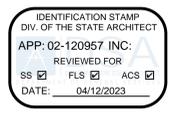
NUMBERED NOTES

- ① EXISTING MECHANICAL UNIT REPLACED BY DIVISION 23. DISCONNECT ELECTRICAL POWER AND RECONNECT TO NEW UNIT.
- ② EXISTING 2" CONDUIT RISER THROUGH ROOF.

EQUIPMENT

- ① OUTDOOR UNIT, 208V, 1 PHASE, 11.0 A, 28 MOCP.
 - ② INDOOR UNIT 1 MCA, FED FROM OUTDOOR UNIT.
 - ③ EXISTING EATON/CUTLER HAMMER PANEL, 225A, 120/208V, 3 PHASE. PROVIDE 20/1 (OUTLET) & 25/2 CIRCUIT BREAKERS TO SERVE NEW LOADS, MATCH EXISTING A.I.C. RATING.
 - ④ EXISTING EATON/CUTLER HAMMER POW-R-LINE C SWITCHBOARD SECTION, 1600A, 480/277V, 3 PHASE. PROVIDE 150/3 CIRCUIT BREAKER (TYPE HFD) FOR NEW CU-1 IN EXISTING SPACE. MATCH EXISTING A.I.C. RATING. LEAVE EXISTING 225/3 CIRCUIT BREAKER (CU-1, CIRCUIT #31) IN PANEL AND LABEL "SPARE".
- CU-1 CONDENSING UNIT CU-1, 480V, 3PH, 129.5 MCA, 150.0 MOCP.

AGENCY APPROVAL:



HMC Architects

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DESCRIPTION	DATE



EDGE ELECTRICAL CONSULTING

1801 7th Street, Suite 150, Sacramento, CA 95811, 916.256.2460
1151 Harbor Bay Pkwy, Suite 123A, Alameda, CA 94602, 510.634.7200

Project Number: J505 Contact: DEAN

04/04/2023

KEYNOTES

NOTES

FACILITY:
3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT:
LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME:
PARTIAL POWER PLAN & PARTIAL ROOF POWER PLAN ADMINISTRATION BUILDING

DATE: 04/4/23 CLIENT PROJ NO: 3156068100

SHEET:

E2.5.1

System No. W-L-1054

ANSI/UL1479 (ASTM E814)	CANULC S115
F Ratings — 1 and 2 Hr (See Items 1 and 3)	F Ratings — 1 and 2 Hr (See Items 1 and 3)
T Rating — 0 Hr	FT Rating — 0 Hr
L Rating at Ambient — Less Than 1 CFM/sq ft	FH Ratings — 1 and 2 Hr (See Items 1 and 3)
L Rating at 400 F — Less Than 1 CFM/sq ft	FTH Rating — 0 Hr
	L Rating at Ambient — Less Than 1 CFM/sq ft L Rating at 400 F — Less Than 1 CFM/sq ft

SECTION A-A

1. Wall Assembly — The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide and spaced max 24 in. (610 mm) OC. Where steel studs are used and the diam of opening exceeds the width of stud cavity, the opening shall be framed on all sides using lengths of steel stud installed between the vertical studs and screw-attached to the steel studs at each end. The framed opening in the wall shall be 4 to 6 in. (102 to 152 mm) wider and 4 to 6 in. (102 to 152 mm) higher than the diam of the penetrating item such that, when the penetrating item is installed in the opening, a 2 to 3 in. (51 to 76 mm) clearance is present between the penetrating item and the framing on all four sides.

B. Gypsum Board — 5/8 in. (16 mm) thick, 4 ft (122 cm) wide with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 33-1/4 in. (819 mm) for steel stud walls. Max diam of opening is 14-1/2 in. (368 mm) for wood stud walls. The F and FH Ratings of the firestop system are equal to the fire rating of the wall assembly.

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Page: 1 of 2

System No. W-L-1054

2. Through-Penetrants — One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. The annular space shall be min 0 in. to max 2-1/4 in. (57 mm). Pipe may be installed with continuous point contact. Pipe, conduit or tubing may be installed at an angle not greater than 45 degrees from perpendicular. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

A. Steel Pipe — Nom 3/4 in. (76.2 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

B. Iron Pipe — Nom 3/4 in. (76.2 mm) diam (or smaller) cast or ductile iron pipe.

C. Conduit — Nom 4 in. (102 mm) diam (or smaller) steel electrical metallic tubing or 6 in. (152 mm) diam steel conduit.

D. Copper Tubing — Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing.

E. Copper Pipe — Nom 6 in. (152 mm) diam (or smaller) regular (or heavier) copper pipe.

3. Fill, Void or Cavity Material — Sealant — Min 5/8 in. (16 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall. At the point or continuous contact locations between pipe and wall, a min 1/2 in. (13 mm) diam bead of fill material shall be applied at the pipe wall interface on both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-One Sealant or FS-ONE MAX Intumescent Sealant

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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Page: 2 of 2

HILTI

UL/UL SYSTEM NO. W-J-1214

METAL PIPE THROUGH CONCRETE WALL OR BLOCK WALL ASSEMBLY

F-RATING = 2-HR.
T-RATING = 0-HR.

FRONT VIEW

SECTION A-A

1. CONCRETE WALL ASSEMBLY (2-HR. FIRE-RATING):

A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MINIMUM 5-5/8" THICK).

B. ANY UL/UL CLASSIFIED CONCRETE BLOCK WALL.

2. STEEL PULL OR JUNCTION BOX (MIN. 16 GA.) MOUNTED FLUSH OR MAXIMUM 1/4" FROM WALL SURFACE.

3. MAXIMUM 1" NOMINAL DIAMETER STEEL CONDUIT OR EMT.

4. MINIMUM 5/8" DEPTH HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT.

5. MINIMUM 1/2" BEAD HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT APPLIED AT POINT OF CONTACT.

6. MINIMUM 1/2" BEAD HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT APPLIED AROUND ENTIRE PERIMETER OF PULL OR JUNCTION BOX, OVERLAPPING MINIMUM 1/2" ONTO WALL AND PULL OR JUNCTION BOX.

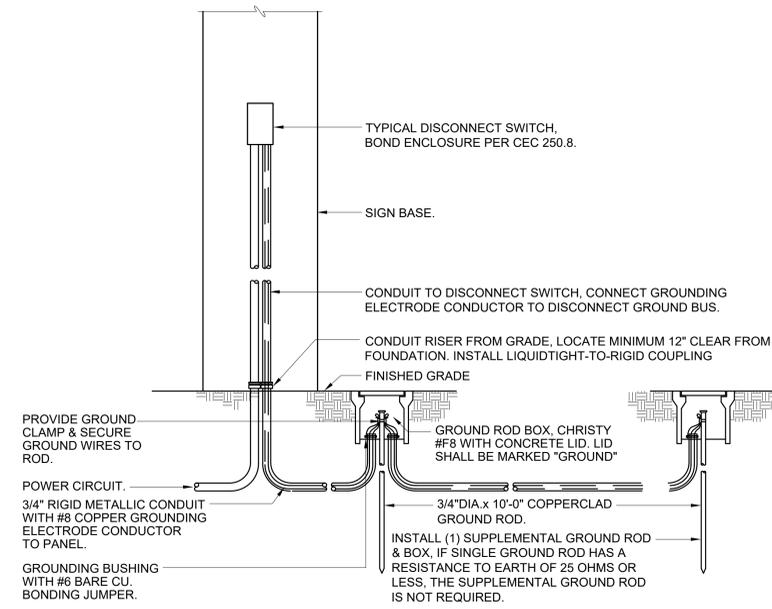
NOTES: 1. DIAMETER OF OPENING TO BE MINIMUM 1/2" LARGER THAN OUTSIDE DIAMETER OF PENETRANT, WITH A MAXIMUM DIAMETER OF 2-1/4".
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1-1/8".

HILTI Firestop
Saving lives through innovation and education

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1 FIRE RATED WALL PENETRATION W-L-1054
NO SCALE

2 FIRE RATED WALL PENETRATION - CONCRETE OR BLOCK WALL
NO SCALE



- GROUNDING DETAIL NOTES:**
1. SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250.66.
 2. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND ROD GREATER THAN SIX FEET AWAY (CEC 250.56) AS NECESSARY TO ACHIEVE 25 OHMS OR LESS RESISTANCE.
 3. TESTING FOR GROUNDING SHALL BE WITNESSED AND VERIFIED BY THE PROJECT INSPECTOR.
 4. ELECTRICAL TRADE SHALL CHECK AREA FOR EXISTING CONDUITS, SEWER, GAS & WATER PIPING BEFORE DRIVING GROUND RODS.

3 MARQUEE SIGN GROUNDING DETAIL
NO SCALE

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP: 02-120957 INC.
REVIEWED FOR:
SS FLS ACS
DATE: 04/12/2023

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DESCRIPTION	DATE

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1151 Harbor Bay Pkwy, Suite 123A, Alhambra, CA 94502, 916.634.7200

Project Number: J505, Contact: DEAN

04/04/2023

KEYNOTES

NOTES

FACILITY: 3500 FLORIN RD, SACRAMENTO, CA 95823

PROJECT: LUTHER BURBANK HIGH SCHOOL IMPROVEMENTS

SHEET NAME: DETAILS

DATE: 04/4/23
CLIENT PROJ NO: 3156068100
SHEET: