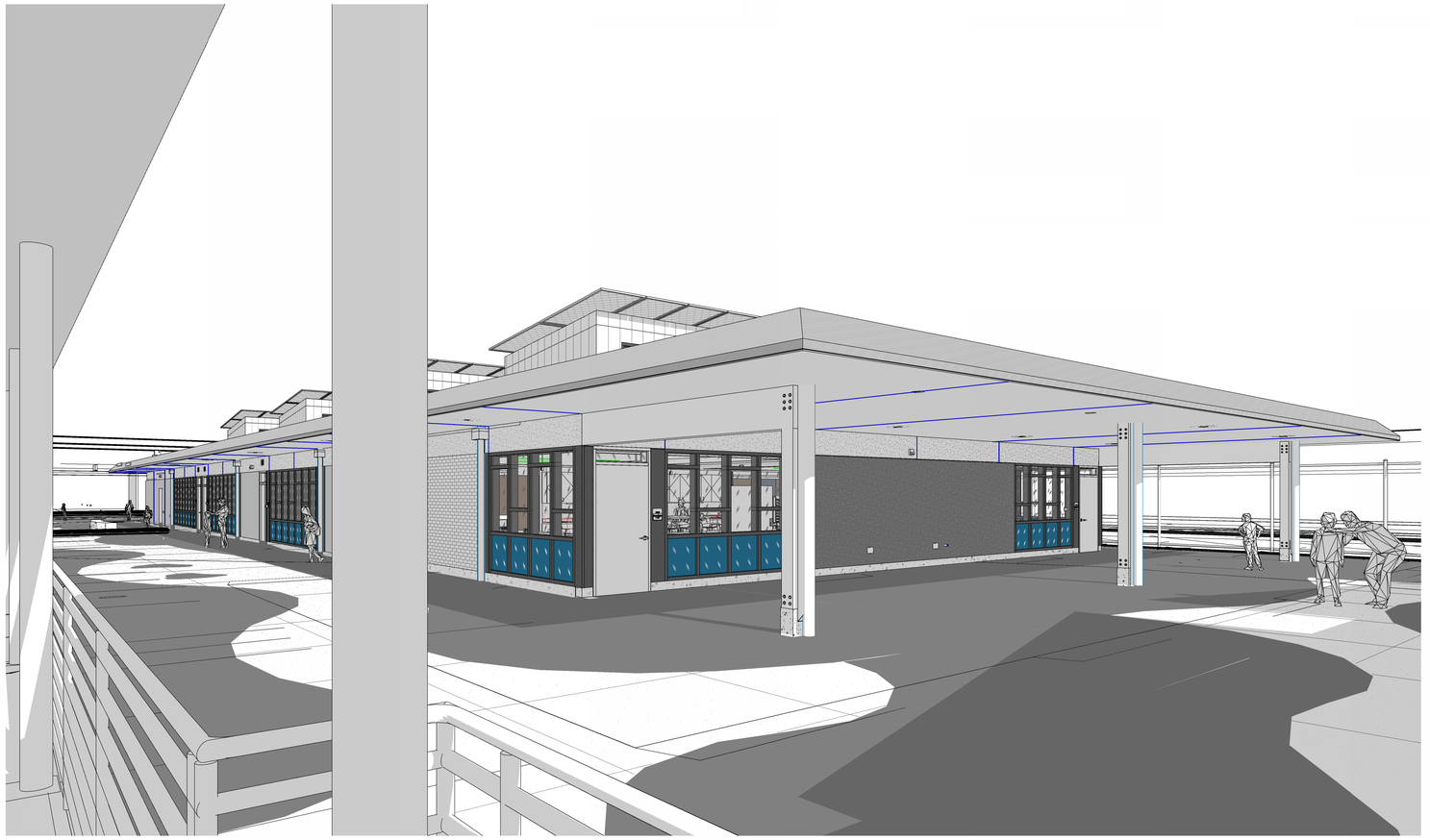


Inglewood Unified School District

IUSD Bennett-Kew P-8 Academy

11710 S Cherry Ave,
Inglewood, CA 90303

DSA SUBMITTAL

12/27/2024

HED

550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA

(213) 542-4500

WWW.HED.DESIGN

2023-IU002-002
DSA A# 03-124773 FILE # 19-48

LICENSED ARCHITECT
WILLIAM J. MCCONLEY
C-36143
4/30/2027
STATE OF CALIFORNIA

G-000

SHEET INDEX

SHEET NUMBER	SHEET NAME
GENERAL	
G-000	Coversheet
G-001	Sheet Index
G-004	Accessibility Signage
G-011	Local Fire Authority Access Plan
G-012	Project Data / Code Analysis & Abbreviations
G-021	Accessibility Guidelines
G-022	Calgreen Checklist & Hazards List
G-023	Calgreen Checklist & Hazards List
G-024	Calgreen Checklist & Hazards List
GENERAL: 9	
CIVIL	
C-001	Title Sheet
C-101	Demolition Plan
C-201	Horizontal Control Plan
C-301	Conceptual Grading Plan
C-401	Detail Sheet
C-501	Composite Utility Plan
CIVIL: 6	
LANDSCAPE	
L-101	Site Hardscape Finishes
L-201	Site Hardscape Imagery & Details
L-301	Landscape Irrigation Plan
L-302	Landscape Irrigation Legend & Notes
L-303	Landscape Irrigation Notes
L-304	Landscape Irrigation Details
L-305	Landscape Irrigation Details
L-306	Landscape Irrigation Calculations
L-401	Landscape Planting Plan
L-402	Landscape Planting Legend & Details
L-403	Landscape Planting Imagery
LANDSCAPE: 11	
STRUCTURAL	
S-001	General Notes
S-002	General Notes
S-003	Typical Foundation Details
S-004	Typical Concrete & Masonry Details
S-005	Typical Wood Framing Details
S-006	Typical Wood Framing Details
S-007	Typical Wood Framing Details
S-008	Typical Wood Framing Details
S-009	Typical Wood Framing Details
S-101	New Classroom Building Foundation Plan
S-102	New Classroom Building Roof Framing Plan
S-301	Building Elevations
S-302	Details and Sections
S-501	Wood FramingDetails
S-502	Details
STRUCTURAL:15	
ARCHITECTURAL	
A-001	Architectural General Notes
AC101	Life Safety Plan
AS101	Site Plan
AS401	Site Play Fields & Misc. Details
AD101	Site Demo Plan
A-101	Floor Plan
A-121	Reflected Ceiling Plan
A-141	Finish Plan
A-191	Roof Plan
A-201	Exterior Elevations
A-301	Building Profiles
A-401	Enlarged Floor Plans & Interior Elevations
A-402	Enlarged Floor Plans & Interior Elevations
A-501	Exterior Wall Profiles & Interior Sections
A-502	Exterior Wall Type & Roof Assemblies
A-511	Exterior Details
A-531	Roof Details
A-532	Roof Details
A-561	Opening Details
A-563	Interior Details
A-571	Partition Types
A-572	Ceiling Details
A-581	Millwork Details
A-601	Door Schedules & Window Types
A-901	3D VIEWS
ARCHITECTURAL: 25	
FIRE ALARM	
FA-001	Fire Alarm Legends
FA-101	Fire Alarm Plan
FA-102	Fire Alarm Site Plan
FA-701	Fire Alarm Riser Diagram
FA-702	Fire Alarm Calculations
FIRE ALARM: 5	

SHEET NUMBER	SHEET NAME
PLUMBING	
P-001	Plumbing Notes, Legends & Abbreviations
P-100	Underground & First Floor Plan
P-191	Roof Plumbing Plan - Overall
P-401	Plumbing Enlarged Plans
P-501	Plumbing Details
P-502	Plumbing Details
P-503	Plumbing Details
P-601	Plumbing Schedules
P-701	Plumbing Riser Diagrams
P-702	Plumbing Riser Diagrams
P-703	Plumbing Riser Diagrams
P-900	T24 Sheets
PLUMBING: 12	
MECHANICAL	
M-001	Mechanical Notes, Legends & Abbreviations
M-101	Level 1 and Roof HVAC Plan
M-501	Mechanical Details
M-502	Mechanical Details
M-601	Mechanical Schedules
M-701	Mechanical Sections & 3D View
M-800	Control Diagrams
M-801	Control Diagrams
M-900	T-24 Sheets
M-901	T-24 Sheets
M-902	T-24 Sheets
M-903	T-24 Sheets
MECHANICAL:12	
ELECTRICAL	
E-001	Electrical General Notes & Abbreviations
E-002	Electrical Legends
ES101	Electrical Site Plan
EP101	Power Plan
EL101	Lighting Plan
EL102	Emergency Photometrics Plan
EL103	Safe Disperal Area Path Lighting Plan
E-581	Electrical Details
E-582	Interior Lighting Title 24 Documents
E-583	Interior Lighting Title 24 Documents
E-584	Electrical Title 24 Documents
E-601	Panel Schedules
E-701	Electrical One-Line Diagram
ELECTRICAL: 13	
PHOTOVOLTAIC	
PV-001	Photovoltaic Front Sheet
PV-101	PV Single Line Diagram
PV-102	Enlarged PV Diagrams
PV-201	Electrical PV New Building First Floor Plan
PV-202	Electrical PV New Building Roof Plan
PV-301	PV Label Set Requirements
PV-401	Pv Equipment Specs
PV-501	Pv Details
PHOTOVOLTAIC: 8	
TECHNOLOGY	
T-001	Technology Symbols, Notes and Abbreviations
TS101	Technology Site Plan
T-101	Level 1 Technology PLan - Overall
T-401	Enlarged Technology Plan
T-701	Technology Details
T-702	Technology Details
TECHNOLOGY: 6	
Grand total: 122	

Inglewood Unified School District

401 S. Inglewood Ave.
Inglewood, CA 90301

IUSD Bennett-Kew P-8 Academy

11710 S Cherry Ave,
Inglewood, CA 90303

△	Date	Issued For
1	11/5/2024	DSA SUBMITTAL

DSA A# 03-124773 FILE # 19-48

HED

550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA

(213) 542-4500

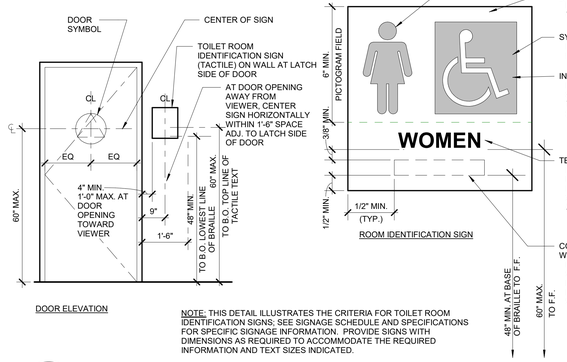
WWW.HED.DESIGN

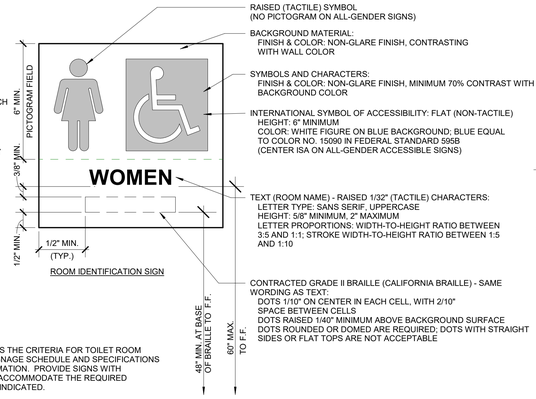
LICENSED ARCHITECT
WILLIAM J. MCCARTER
C-36143
4/30/2027
CALIFORNIA
STATE OF CALIFORNIA

2023-IU002-002

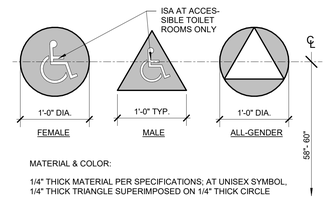
Sheet Index

G-001





NOTE: THIS DETAIL ILLUSTRATES THE CRITERIA FOR TOILET ROOM IDENTIFICATION SIGNS; SEE SIGNAGE SCHEDULE AND SPECIFICATIONS FOR SPECIFIC SIGNAGE INFORMATION. PROVIDE SIGNS WITH DIMENSIONS AS REQUIRED TO ACCOMMODATE THE REQUIRED INFORMATION AND TEXT SIZES INDICATED.



MATERIAL & COLOR:

1/4" THICK MATERIAL PER SPECIFICATIONS; AT UNISEX SYMBOL, 1/4" THICK TRIANGLE SUPERIMPOSED ON 1/4" THICK CIRCLE

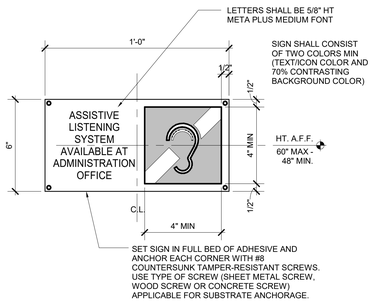
SYMBOL COLOR SHALL CONTRAST WITH DOOR COLOR. AT UNISEX SYMBOL, TRIANGLE COLOR SHALL CONTRAST WITH CIRCLE COLOR; CIRCLE COLOR SHALL CONTRAST WITH DOOR COLOR. INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA), WHERE PROVIDED, SHALL CONTRAST WITH SYMBOL COLOR. SEE SPECIFICATIONS FOR COLORS.

DOOR SYMBOLS

CBC 11B 703.4 INSTALLATION HEIGHT AND LOCATION FOR TACTILE SIGNS

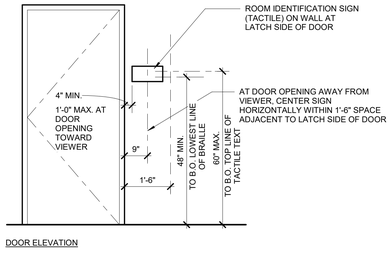
1. FOR SINGLE DOOR, ROOM ID SIGN SHALL BE LOCATED ALONGSIDE DOOR ON LATCH-SIDE WALL.
2. FOR PAIRS OF DOORS WITH INACTIVE LEAF, ROOM ID SIGN SHALL BE LOCATED ON INACTIVE LEAF.
3. FOR PAIRS OF DOORS WITH TWO ACTIVE LEAFS, LOCATE ROOM ID SIGN AT RIGHT SIDE WALL.
4. TACTILE SIGNS SHALL BE LOCATED SO THAT A SQUARE WITH SIDES 18" LONG CLEAR FLOOR SPACE, CENTERED ON THE SIGN IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING.
5. MOUNTING HEIGHT SHALL BE MAXIMUM 60" A.F.F. TO BASELINE OF HIGHEST LINE OF RAISED CHARACTERS AND MINIMUM 48" A.F.F. TO BASELINE OF LOWEST LINE OF BRAILLE.

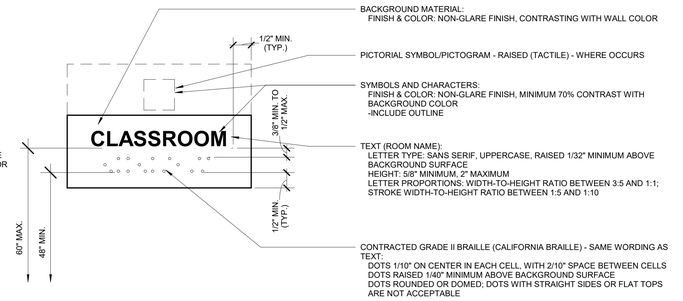
6 TOILET ROOM IDENTIFICATION SIGN (TACTILE) & DOOR SYMBOLS - (S-03)
1/2" = 1'-0"



PROVIDE 2 PORTABLE ASSISTIVE LISTENING SYSTEMS, EACH WITH A TRANSMITTER AND A MINIMUM OF 2 RECEIVERS, FOR USE IN THE CLASSROOMS WITHOUT AUDIO AMPLIFICATION AND SHALL BE HEARING AID COMPATIBLE AND INTERFERENCE WITH TELECOILS IN HEARING AIDS THROUGH THE PROVISION OF NECKLOOPS. THE ASSISTIVE LISTENING RECEIVERS AND TRANSMITTER SHALL BE STORED IN THE SCHOOL SITE ADMINISTRATION OFFICE UNTIL REQUESTED.

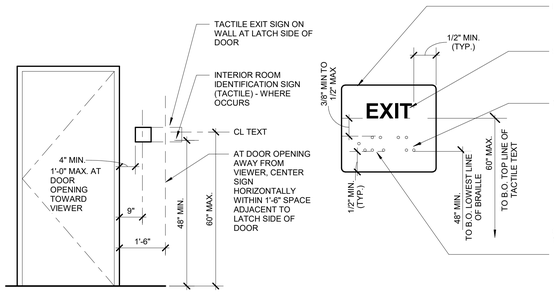
8 ASSISTIVE LISTENING SIGN - (S-09)
3" = 1'-0"

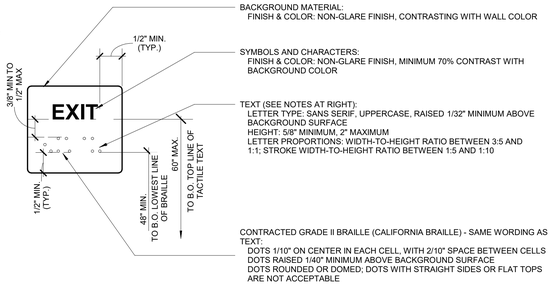




NOTE:
THIS DETAIL ILLUSTRATES THE CRITERIA FOR ROOM IDENTIFICATION SIGNS AT INTERIOR DOORS; SEE SIGNAGE SCHEDULE SPECIFICATIONS FOR SPECIFIC SIGNAGE INFORMATION. PROVIDE SIGNS WITH DIMENSIONS AS REQUIRED TO ACCOMMODATE THE REQUIRED INFORMATION AND TEXT SIZES INDICATED.

5 ROOM IDENTIFICATION SIGN (TACTILE) - (S-01)
1/2" = 1'-0"





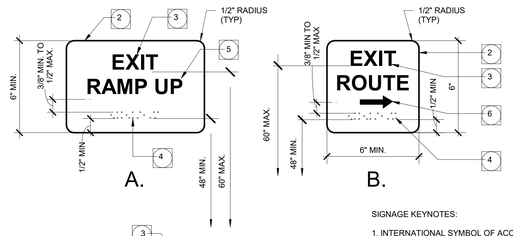
*NOTE: AT DOUBLE DOORS, SIGN SHALL BE ON RIGHTHAND SIDE. ALSO AT DETAILS

NOTE:
THIS DETAIL ILLUSTRATES THE CRITERIA FOR TACTILE EXIT SIGNS AT INTERIOR DOORS; SEE SIGNAGE SCHEDULE SPECIFICATIONS FOR SPECIFIC SIGNAGE INFORMATION. PROVIDE SIGNS WITH DIMENSIONS AS REQUIRED TO ACCOMMODATE THE REQUIRED INFORMATION AND TEXT SIZES INDICATED.

TEXT: PROVIDE TACTILE EXIT SIGNS WITH THE TEXT NOTED AT LOCATIONS INDICATED (PER SECTION 1013.4, 2022 CALIFORNIA BUILDING CODE):

A. AT GRADE-LEVEL EXTERIOR DOORS:
   1. "EXIT"
B. AT EXIT DOORS LEADING TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAY OR RAMP (TEXT AS APPROPRIATE):
   1. "EXIT STAIR DOWN"
   2. "EXIT RAMP DOWN"
   3. "EXIT STAIR UP"
   4. "EXIT RAMP UP"
C. AT EXIT DOORS LEADING TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY:
   1. "EXIT ROUTE"
D. AT EXIT ACCESS DOORS FROM INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED BY CODE TO HAVE A VISUAL EXIT SIGN:
   1. "EXIT ROUTE"
E. AT EXIT DOORS THROUGH A HORIZONTAL EXIT:
   1. "TO EXIT"

4 EXIT SIGN AT DOOR (TACTILE) - (S-04)
1/2" = 1'-0"

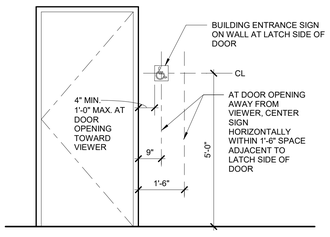


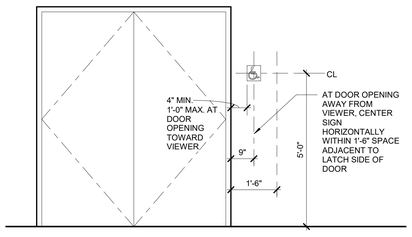
SIGNAGE KEYNOTES:

1. INTERNATIONAL SYMBOL OF ACCESSIBILITY PER DETAIL 3/G-004.
2. BACKGROUND MATERIAL: EGGSHELL OR MATTE FINISH, CONTRASTING WITH WALL COLOR
3. SYMBOLS AND CHARACTERS: EGGSHELL OR MATTE FINISH, CONTRASTING WITH BACKGROUND COLOR.
   A. TEXT TYPE: SANS-SERIF, UPPERCASE, RAISED 1/32" MINIMUM ABOVE BACKGROUND SURFACE HEIGHT 5/8" MINIMUM, 2" MAXIMUM, 9" FOR BUILDING IDENTIFICATION
   B. LETTER PROPORTIONS: WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1, AND STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10.
4. SEE SPECIFICATIONS SECTION 101400 PER CALIFORNIA CONTRACTED GRADE II BRAILLE.
5. FOR EXIT SIGNAGE, CHANGE "DOWN" OR "UP" DEPENDING ON PATH OF EGRESS.
6. RAISED DIRECTIONAL ARROW. SHOW ARROW IN DIRECTION OF NEAREST EXIT.

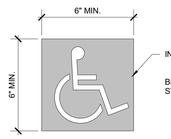
NOTES:
- SEE FINISH PLANS SHEET FOR SIGNAGE LOCATION.
- ROOM NAMES/ NUMBERS TO BE SPECIFIED BY THE OWNER U.O.N.

7 BUILDING IDENTIFICATION SIGN
3" = 1'-0"

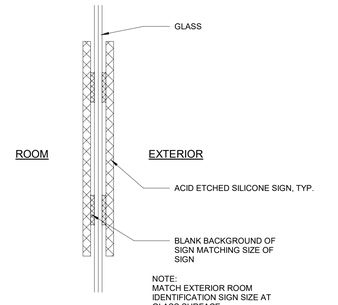




3 ACCESSIBLE ENTRANCE SIGN
1/2" = 1'-0"



NOTE:
THIS DETAIL ILLUSTRATES THE CRITERIA FOR BUILDING ENTRANCE SIGNS AT EXTERIOR DOORS; SEE SPECIFICATIONS FOR SPECIFIC SIGNAGE INFORMATION.



NOTE:
MATCH EXTERIOR ROOM IDENTIFICATION SIGN SIZE AT GLASS SURFACE

2 SIGNAGE AT GLASS
6" = 1'-0"

NOTE: INACCESSIBLE ENTRANCES SHALL HAVE DIRECTIONAL SIGNAGE TO INDICATE THE ROUTE TO THE NEAREST ACCESSIBLE ENTRANCE

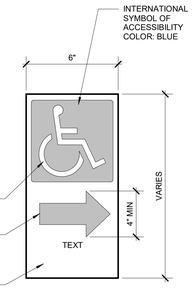
NOTE: SIMILAR TO NON-ACCESSIBLE RESTROOMS

NOTE: CHARACTERS AND BACKGROUND ARE EGGSHELL PAINTED

COLOR: WHITE

DIRECTIONAL SIGN 3" MIN CAP HEIGHT
COLOR: CONTRASTING

3" HIGH LETTERS
COLOR: CONTRASTING



1 ACCESSIBLE DIRECTION SIGNAGE
3" = 1'-0"

Inglewood Unified School District

401 S. Inglewood Ave.
Inglewood, CA 90301

IUSD Bennett-Kew P-8 Academy

11710 S Cherry Ave,
Inglewood, CA 90303

△	Date	Issued For
1	11/5/2024	DSA SUBMITTAL

DSA A# 03-124773 FILE # 19-48

HED
550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA

(213) 542-4500

WWW.HED.DESIGN

LICENSED ARCHITECT BRUNSON J. MCCRAY C-36143 4/30/2027 STATE OF CALIFORNIA

2023-IU002-002

Accessibility Signage

G-004

4/8/2025 9:24:19 AM

PART II — **INFORMATION ON FIRE FLOW AVAILABILITY**
(Part II to be completed by Water Purveyor)

Location of hydrant: Cherry & 118th ST — 5411828 Gavigo
Bennett Kew School — Hydrant Number: 5410721 Flash

Distance from Nearest Property Line: N/A — Size of Hydrant: 6X4X2½ — Size of Water main: 6"
Static PSI: 90 — Residual PSI: 85 — Orifice size: 2½ — Pitot: 68
Fire Flow at 20 PSI: 5759 — Duration: 2HRS — ☐ Flow Test Date / Time: 11-4-24 // 10 AM ☐ Hydraulic model

Location of hydrant: _____
Hydrant Number: _____
Distance from Nearest Property Line: _____ — Size of Hydrant: _____ — Size of Water main: _____
Static PSI: _____ — Residual PSI: _____ — Orifice size: _____ — Pitot: _____
Fire Flow at 20 PSI: _____ — Duration: _____ — ☐ Flow Test Date / Time: _____ ☐ Hydraulic model

☐ (Check box if Simultaneous/ Dual flow test was performed) — Combined flow at 20 psi: _____

Location of hydrant: _____
Hydrant Number: _____
Distance from Nearest Property Line: _____ — Size of Hydrant: _____ — Size of Water main: _____
Static PSI: _____ — Residual PSI: _____ — Orifice size: _____ — Pitot: _____
Fire Flow at 20 PSI: _____ — Duration: _____ — ☐ Flow Test Date / Time: _____ ☐ Hydraulic model

☐ (Check box if Simultaneous/ Triple flow test was performed) — Combined flow at 20 psi: _____

City of Inglewood — Water Purveyor
Signature
310-412-5333 — Phone Number — 11-4-24 — Date
City CIP Manager — Title

This Information is Considered Valid for Twenty Four Months

Fire Department approval of building plans shall be required prior to the issuance of a Building Permit by the jurisdictional Building Department. Any deficiencies in water systems will need to be resolved by the Fire Prevention Division only prior to this department's approval of building plans.

FORM 196
Rev. 09/20

COUNTY OF LOS ANGELES FIRE DEPARTMENT
FIRE PREVENTION DIVISION

Fire Prevention Engineering
5823 Rickenbacker Road
Los Angeles, CA 90040
Telephone (323) 890-4125 Fax (323) 890-4129

Information on Fire Flow Availability for Building Permit

For All Buildings Other Than One and Two Family Dwellings (R-3), Townhomes, and Accessory Dwelling Unit's

INSTRUCTIONS:

Complete parts I & II:

Verifying fire flow, fire hydrant location and fire hydrant size.

PROJECT INFORMATION
(To be completed by applicant)

PART I

Building Address: 11710 Cherry Ave
City or Area: Inglewood — APN: 4055-010-900
Nearest Cross Street: W 118th Street
Distance of Nearest Cross Street to Property Line: 30 feet
Applicant: Inglewood USD — Telephone: ( ) 3104192700
Address: 401 S. Inglewood Ave
City: Inglewood
Occupancy (Use of Building): School — Fire Sprinklered: Yes [X] No ☐
Type of Construction: V-B
Square Footage: 9,350 SF — Number of Stories: 1

Applicant's Signature
14 October 2024
Date

DGS DSA 810 (revised 12/29/20)
DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES — Page 1 of 4 STATE OF CALIFORNIA

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings.*

PROJECT INFORMATION	
School District/Owner:	Inglewood Unified School District
Project Name/School:	Bennett-Kew School P-8 Academy
Project Address:	11710 S Cherry Ave, Inglewood, CA 90303

FIRE & LIFE SAFETY INFORMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☑		No ☐
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☑		No ☐
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? *(If yes, indicate FHSZ classification below.)*	Yes ☐		No ☑
	Refer to the following website for FHSZ locations: Fire Hazard Severity Zones in State Responsibility Area	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

DGS DSA 810 (revised 12/29/20)
DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES — Page 2 of 4 STATE OF CALIFORNIA

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

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: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION	
LFA Agency Name:	
LFA Review Official:	
Title:	Work Phone:
Work Email:	

LFA Reviewer's Signature: _____ Date: _____

FIRE DEPARTMENT NOTES

1. PROVIDE A MINIMUM UNOBSTRUCTED WIDTH OF 20 FEET CLEAR VEHICULAR ACCESS AND 14 FEET CLEAR TO SKY TO WITHIN 150 FEET OF ALL PORTIONS OF THE EXTERIOR WALLS PER FIRE CODE 902.2.1; HATCH INDICATES FIRE DEPARTMENT ACCESS, SEE SITE LEGEND
2. ALL REQUIRED PUBLIC HYDRANTS MUST BE INSTALLED, TESTED AND ACCEPTED PRIOR TO CONSTRUCTION.
3. VEHICULAR ACCESS MUST BE PROVIDED AND MAINTAINED SERVICEABLE THROUGHOUT CONSTRUCTION
4. THE REQUIRED FIRE FLOW FOR ON-SITE FIRE HYDRANT IS 2,500 GALLONS PER MINUTE AT 20 PSI
5. C105.3 - BUILDING OTHER THAN ONE- AND TWO-FAMILY DWELLINGS, AND GROUP R-3 BUILDINGS, NO PORTION OF A BUILDING SHALL BE MORE THAN 400 FEET (121.92 M), VIA FIRE APPARATUS ACCESS, FROM A PROPERLY SPACED PUBLIC HYDRANT. LAC TITLE 32 - FIRE CODE APPENDIX C

SITE PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING BUILDINGS NOT INCLUDED IN SCOPE OF WORK
- EXISTING FIRE VEHICLE ACCESS PATH (20' WIDE & 14' HIGH MINIMUM, UNLESS NOTED OTHERWISE) AND TURN AROUND; 48' MINIMUM INSIDE TURNING RADIUS & 55' MINIMUM OUTSIDE TURNING RADIUS
- SAFE DISPERSAL AREA
- (E) FH — (E) FIRE HYDRANT
- SCOPE OF WORK AREA
- (N) NEW PATH OF TRAVEL
- (E) PATH OF TRAVEL A# 03-120776

HYDRANT REQUIREMENTS

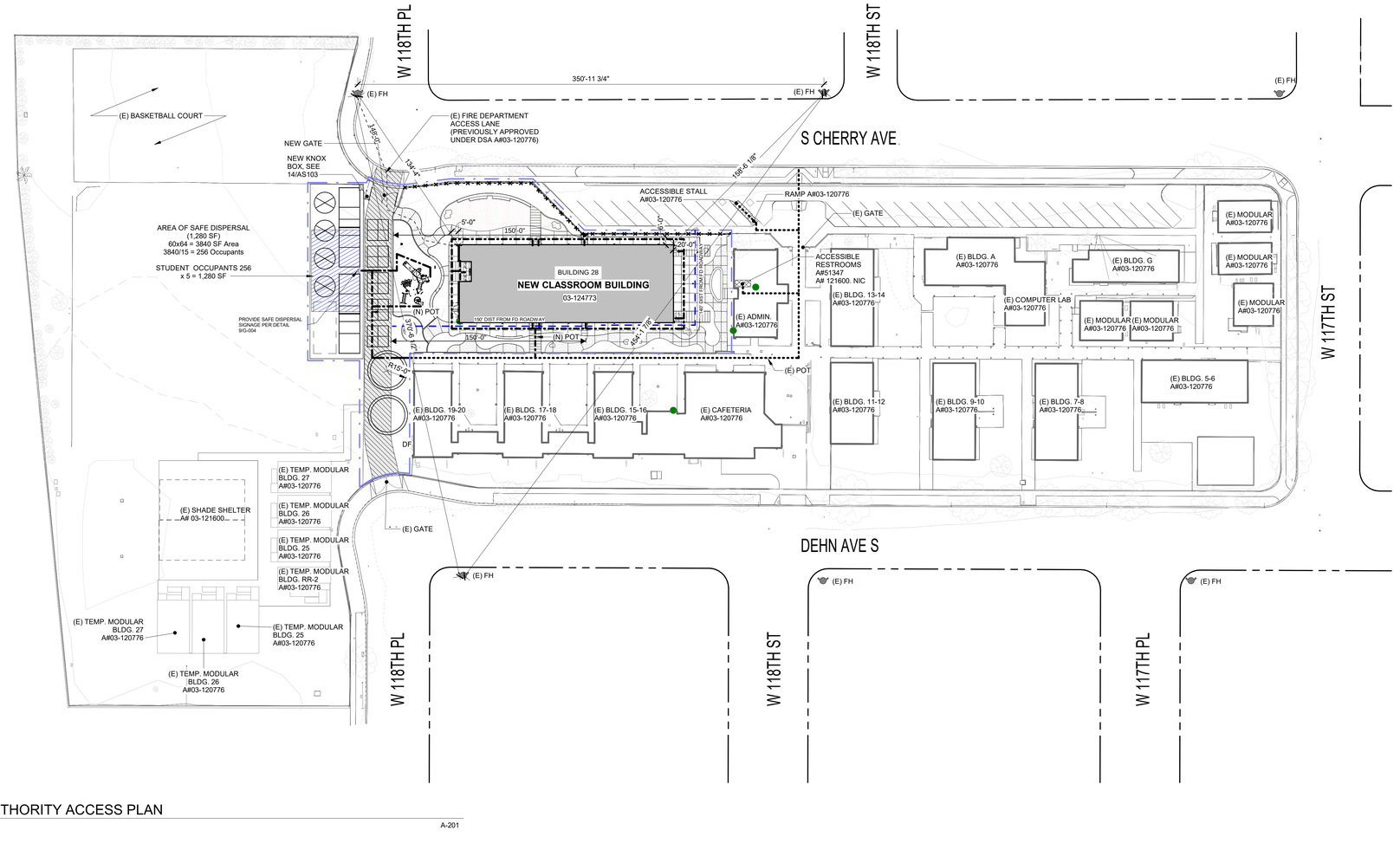
SCHOOL: BENNETT-KEW P-8 ACADEMY — **DISTRICT:** IUSD
PROJECT: NEW CLASSROOM BLDG
APPLICABLE CODE: 2022 CFC

HYDRANT REQUIREMENTS PER APPENDIX BB TABLE BB105.1

BUILDING(S):	CLASSROOM (NON-SPRINKLERED)
OCCUPANCY TYPE:	E
CONSTRUCTION TYPE:	V-B
FIRE-FLOW CALCULATION AREA:	9,325 SF
MINIMUM FIRE-FLOW:	2,500 GPM (PER 2022CFC BB105.1)
FLOW DURATION:	2 HR

HYDRANT QUANTITY AND SPACING PER APPENDIX CC TABLE CC105.1

BUILDING(S):	CLASSROOM (NON-SPRINKLERED)
OCCUPANCY TYPE:	E
CONSTRUCTION TYPE:	V-B
FIRE FLOW REQUIREMENTS (FROM APPENDIX BB ABOVE)	2,500 GPM (PER 2022CFC BB105.1)
MINIMUM NUMBER OF HYDRANTS:	3
AVERAGE SPACING BETWEEN HYDRANTS:	450 FT
MAXIMUM DISTANCE FROM ANY POINT ON STREET OR ROAD FRONTAGE TO A HYDRANT	225 FT



N

LOCAL FIRE AUTHORITY ACCESS PLAN
1" = 40'-0"

A-201

Inglewood Unified School District
401 S. Inglewood Ave.
Inglewood, CA 90301

IUSD Bennett-Kew P-8 Academy
11710 S Cherry Ave,
Inglewood, CA 90303

△	Date	Issued For
1	11/5/2024	DSA SUBMITTAL

DSA A# 03-124773 FILE # 19-48

HED
550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA
(213) 542-4500
WWW.HED.DESIGN

LICENSED ARCHITECT — WILLIAM J. MCENTIRE — C-36143 — 4/30/2027 — GENERAL PRACTICE — STATE OF CALIFORNIA

2023-IU002-002

Local Fire Authority Access Plan

G-011

Autodesk Docs://2023-IU002-002_IUSD Bennett-Kew P-8 Academy/2023-IU002-002_Arch_HED.rvt

4/8/2025 9:24:20 AM

FLOOD ZONE MAP

National Flood Hazard Layer FIRMette

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS: Without Base Flood Elevation (BFE) Zone A, V, A99; With BFE or Depth Zone AE, AO, AH, VE, AR; Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD: 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X; Future Conditions 1% Annual Chance Flood Hazard Zone X; Area with Reduced Flood Risk due to Levee. See Notes. Zone X; Area with Flood Risk due to Levee Zone D
- OTHER AREAS: NO SCREEN Area of Minimal Flood Hazard Zone X; Effective LOMRs; Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES: Channel, Culvert, or Storm Sewer; Levee, Dike, or Floodwall
- OTHER FEATURES: 20.2 Cross Sections with 1% Annual Chance; 17.5 Water Surface Elevation; Coastal Transect; Base Flood Elevation Line (BFE); Limit of Study; Jurisdiction Boundary; Coastal Transect Baseline; Profile Baseline; Hydrographic Feature
- MAP PANELS: Digital Data Available; No Digital Data Available; Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/19/2024 at 2:51 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

EXTERIOR WALL OPENINGS

1. RECYCLING: CONTRACTOR TO RECYCLE A MINIMUM OF 65% OF CONSTRUCTION WASTE. PROVIDE DOCUMENTATION TO DEMONSTRATE COMPLIANCE TO THE ENFORCING AGENCY, PER CGC SECTION 5.408.1.4. 5.408.1.3

2. SYSTEMS MANUAL DOCUMENTATION: CONTRACTOR TO DELIVER A BUILDING SYSTEMS MANUAL TO THE BUILDING OWNER OR REPRESENTATIVE AND THE FACILITIES OPERATOR. THE SYSTEMS MANUAL SHALL CONTAIN THE REQUIRED FEATURES LISTED IN CGC SECTION 5.410.2.5.1.

3. DURING CONSTRUCTION, THE ENDS OF ALL DUCT OPENINGS SHALL BE SEALED, AND MECHANICAL EQUIPMENT IS TO BE COVERED PER CGC SECTION 5.504.3.

4. VOC CONTENT OF ALL ADHESIVES, SEALANTS, PAINTS, COATINGS, AND COVERINGS, CARPET, AND COMPOSITION WOOD PRODUCTS TO COMPLY WITH LIMITS PER CGC SECTION 5.504.4 AND TABLES 5.504.4.1, 5.504.4.2, 5.504.4.3, AND 5.504.4.5.

5. PER CGC SECTION 5.504.5.3, REGULARLY OCCUPIED AREAS SHALL BE PROVIDED WITH AIR FILTRATION MEDIA FOR OUTSIDE AND RETURN AIR WITH A MINIMUM EFFICIENCY REPORTING VALUE (MERV) OF13. MERV13 FILTERS FILTERS SHALL BE INSTALLED PRIOR TO OCCUPANCY.

6. INSTALLATIONS OF HVAC, REFRIGERATION, AND FIRE SUPPRESSION SYSTEMS SHALL NOT CONTAIN CFC'S OR HALONS, PER CGC 5.508.1.

7. PRIOR TO FINAL INSPECTION, THE LICENSED CONTRACTOR SHALL PROVIDE TO THE CAMPUS PROJECT MANAGER WRITTEN VERIFICATION THAT ALL APPLICABLE PROVISIONS FROM THE GREEN BUILDING STANDARDS CODE HAVE BEEN IMPLEMENTED AS PART OF THE CONSTRUCTION, PER CGC 102.3.

8. THE OCCUPANTS OF THE BUILDING POST OCCUPANCY SHALL MAINTAIN A RECYCLING PROGRAM, PER CGC 5.410.1

CALIFORNIA ENERGY CODE

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 NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.

LIGHTING CONTROLS 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.

ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER/ARCHITECT OF RECORD OR THE OWNER'S AGENT.

A LISTING OF CERTIFIED ATT CAN BE FOUND AT: HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/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 COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

EXTERIOR WALL OPENINGS

CODE REFERENCES

LIST OF APPLICABLE CODES
2022 California Administrative Code (CAC), Part 1, Title 24 CCR*
2022 California Building Code (CBC), Part 2, Title 24 CCR
2022 California Electrical Code (CEC), Part 3, Title 24 CCR
2022 California Mechanical Code (CMC), Part 4, Title 24 CCR
2022 California Plumbing Code (CPC), Part 5, Title 24 CCR
2022 California Energy Code, Part 6, Title 24 CCR
2022 California Fire Code (CFC), Part 9, Title 24 CCR
2022 California Existing Building Code (CEBC), Part 10, Title 24 CCR
2022 California Green Building Standards Code (CALGreen), Part 11, Title 24 CCR
2022 California Referenced Standards Code, Part 12, Title 24 CCR
Title 19 CCR, Public Safety, State Fire Marshal Regulations

PARTIAL LIST OF APPLICABLE STANDARDS
NFPA 72 - National Fire Alarm and Signaling Code (CA amended).....2019 Edition
UL 464 - Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories.....2003 Edition
UL 521 - Standard for Heat Detectors for Fire Protective Signaling Systems.....1999 Edition
UL 1971 - Standard for Signaling Devices for the Hearing Impaired.....2002 (R2010)
ICC 300 - Standard for Bleachers, Folding and Telescopic Seating, and Grandstands.....2017 Edition

For a complete list of applicable NFPA standards refer to 2019 CBC (SFM) Chapter 35 and California Fire Code Chapter 80.

See California Building Code Chapter 35 for State of California amendments to the NFPA Standards and an overall listing of referenced standards.

*All parts of the 2019 California Building Code become effective January 1, 2020 except the effective date for the use of the 2019 Building Energy Efficiency Standards (Title 24, Part 1, Chapter 10) is January 8, 2019 and the effective date for the use of the 2022 California Administrative Code (Title 24, Part 1, Chapter 4) is March 5, 2022.

CODE REF: 2022 CPC CHAPTER 4 TABLE 422.1 (MIN. PLUMBING FACILITIES)

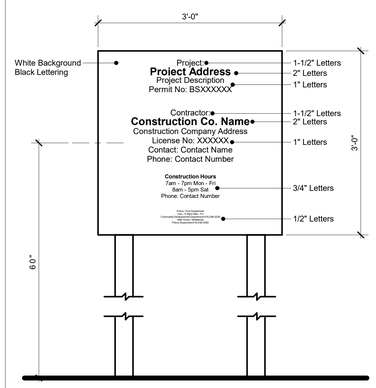
TYPE OF OCCUPANCY[2]	WATER CLOSETS (FIXTURES PER PERSON)[3]		URINALS (FIXTURES PER PERSON)[3]	LAVATORIES (FIXTURES PER PERSON)[3]		BATHTUBS OR SHOWERS (FIXTURES PER PERSON)	DRINKING FOUNTAINS/ FACILITIES (FIXTURES PER PERSON)	OTHER
A-2 Assembly occupancy-restaurants, pubs, lounges, nightclubs and banquet halls	Male 1: 1-50 2: 51-150 3: 151-300 4: 301-400	Female 1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300 8: 301-400	Male 1: 1-200 2: 201-300 3: 301-400 4: 401-6000	Male 1: 1-150 2: 151-200 3: 201-400	Female 1: 1-150 2: 151-200 4: 201-400	—	1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 250 males and 1 fixture for each 125 females.		Over 600, add 1 fixture for each additional 300 males.	Over 400, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females			Over 750, add 1 fixture for each additional 500 persons.	
A-3 Assembly occupancy (typical without fixed or permanent seating)-arcades, places of worship, museums, libraries, lecture halls, gymnasiums (without spectator seating), indoor pools (without spectator seating)	Male 1: 1-100 2: 101-200 3: 201-400	Female 1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300 8: 301-400	Male 1: 1-100 2: 101-200 3: 201-400 4: 401-600	Male 1: 1-200 2: 201-400 3: 401-600 4: 601-750	Female 1: 1-100 2: 101-200 4: 201-300 5: 301-500 6: 501-750	—	1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 125 females.		Over 600, add 1 fixture for each additional 300 males.	Over 750, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.			Over 750, add 1 fixture for each additional 500 persons.	
B Business occupancy (office, professional or service type transactions)-banks, vet clinics, hospitals, car wash, banks, beauty salons, ambulatory health care facilities, laundries and dry cleaning, educational institutions (above high school), or training facilities not located within school, post offices and printing shops	Male 1: 1-50 2: 51-100 3: 101-200 4: 201-400	Female 1: 1-15 2: 16-30 3: 31-50 4: 51-100 8: 101-200 11: 201-400	Male 1: 1-100 2: 101-200 3: 201-400 4: 401-600	Male 1: 1-75 2: 76-150 3: 151-200 4: 201-300 5: 301-400	Female 1: 1-50 2: 51-100 3: 101-150 4: 151-200 5: 201-300 6: 301-400	—	1 per 150	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 150 females.		Over 600, add 1 fixture for each additional 300 males.	Over 400, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.				
E Educational occupancy-private or public schools	Male 1 per 50	Female 1 per 30	Male 1 per 100	Male 1 per 40	Female 1 per 40	—	1 per 150	1 service sink or laundry tray
S-1, S-2 Storage occupancy-storage of goods, warehouse, aircraft hanger, food products, appliances	Male 1: 1-100 2: 101-200 3: 201-400	Female 1: 1-100 2: 101-200 3: 201-400	—	Male 1: 1-200 2: 201-400 3: 401-750	Female 1: 1-200 2: 201-400 3: 401-750	—	1: 1-250 2: 251-500 3: 501-750	
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 150 females.			Over 750, add 1 fixture for each additional 500 persons.			Over 750, add 1 fixture for each additional 500 persons.	1 service sink or laundry tray

ABBREVIATIONS

ADJ	ADJACENT, ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
BLDG	BUILDING
CIP	CAST-IN-PLACE
CJ	CONSTRUCTION JOINT, CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR, CLEARANCE
CMU	CONCRETE MASONRY UNIT(S)
COL	COLUMN
CONC	CONCRETE
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DWG	DRAWING
EA	EACH
EF	EXHAUST FAN
EJ	EXPANSION JOINT
EL	ELEVATION (GRADE)
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPOSED
EXT	EXTERIOR
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FFE	FURNITURE, FIXTURES & EQUIPMENT
FIN	FINISH, FINISHED
FR	FIRE RATED, FIRE RETARDANT
FRTW	FIRE RETARDANT TREATED WOOD
GA	GAUGE
GALV	GALVANIZED
GYP BD	GYPSUM BOARD
HM	HOLLOW METAL
HORIZ	HORIZONTAL
INT	INTERIOR
MAX	MAXIMUM
MFR	MANUFACTURER
MIN	MINIMUM
MO	MASONRY OPENING
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OH	OPPOSITE HAND
OPP	OPPOSITE
PL	PROPERTY LINE
PPT	PRESERVATIVE PRESSURE TREATED
PR	PAIR
PSF	PER SQUARE FOOT
RD	ROOF DRAIN
SF	SQUARE FOOT
SIM	SIMILAR
SPEC	SPECIFICATIONS
TYP	TYPICAL
UL	UNDERWRITER'S LABORATORIES
UON	UNLESS OTHERWISE NOTED
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT

CONSTRUCTION SIGN

(NOT TO SCALE)



BUILDING CODE ANALYSIS

BUILDING CONSTRUCTION
TYPE OF CONSTRUCTION: TYPE V-B

FIRE PROTECTION SYSTEMS
AUTOMATIC SPRINKLER SYSTEM: YES/NO

TOTAL PROJECT AREA: TBD SF

OPEN SPACE PLANNING REQUIREMENT: NONE

ALLOWABLE AREA (CBC 508.3):	9,500 SF
ALLOWABLE HEIGHT:	2 STORIES
AREA INCREASE - SPRINKLERS:	28,500 SF
AREA INCREASE - FRONTAGE:	NOT USED
TOTAL ALLOWABLE AREA:	38,000 SF
ACTUAL BUILDING FLOOR AREA:	8,662 SF
OCCUPANCY GROUP:	E, S
OCCUPANT LOAD:	384 OCC (REFER TO AC-101)
E OCCUPANCY AREA:	7,740 SF
ALLOWABLE STORIES (TABLE 504.4):	2 STORIES
ACTUAL BUILDING STORIES:	1 STORY ABOVE GRADE
ALLOWABLE BUILDING HEIGHT (TABLE 504.3):	60'-0"
ACTUAL BUILDING HEIGHT: (FROM LOWEST POINT OF GRADE TO HIGHEST POINT OF ROOF)	20'-0"

PLUMBING FIXTURE COUNTS

E OCCUPANCY: (20SF / OCC) => 7740SF / 30SF = 258 OCCUPANTS

REF: 2022 CPC TABLE 4-1 OLF

384 OCCUPANTS	WC	UR	LAV	DF
129 MALE	3	2	4	1
129 FEMALE	5	-	4	-

ZONING: 0000

PARKING ANALYSIS:
EXISTING PARKING: 00 SPACES

REQUIRED ONSITE PARKING: 0 SPACES

(2022 CBC FOR CLASSROOM BLDG): 387 CHILDREN / 8=48
REQ'D ACCESSIBLE PARKING: 1 (TABLE 11B-208.2)
REQ'D VAN ACCESSIBLE PARKING: 1 (11B-208.2.4)

PROVIDED ONSITE PARKING: 23 SPACES TOTAL
ACCESSIBLE PARKING: 1 SPACE
VAN ACCESSIBLE PARKING: 1 SPACE

REQUIRED EV SPACES (PER 5.106.5.3): 1 SPACE
EV SPACES PROVIDED : 1 SPACE

REQUIRED CLEAN AIR VEHICLE SPACES (PER 5.106.5.2): 1 SPACE
CLEAN AIR VEHICLE SPACES PROVIDED: 1 SPACE

SHORT-TERM BICYCLE SPACES: (1) TWO-BIKE CAPACITY RACK
0 REQUIRED & PROVIDED PER 5.106.4.1

LONG-TERM BICYCLE SPACES: (2) TWO-BIKE CAPACITY RACK
0 REQUIRED & PROVIDED PER 5.106.4.2

FIRE DEPARTMENT NOTES

PER 2022 CFC BUILDINGS UNDER GOING CONSTRUCTION SHALL BE IN ACCORDANCE BUT NOT LIMITED TO THE FOLLOWING REQUIREMENTS: (INCLUDE CBC CHAPTER 33 PROVISIONS)

1. WATER MAINS AND HYDRANTS SHALL BE OPERATIONAL
2. FIRE EXTINGUISHERS SHALL BE PROVIDED FOR BUILDINGS UNDER CONSTRUCTION.
DEMOLITION OR ALTERATION WHEN REQUIRED BY LOCAL FIRE DEPARTMENT. THE NUMBER AND TYPE OF EXTINGUISHERS SHALL BE AS REQUIRED BY THE LOCAL FIRE DEPARTMENT ALSO AND THE TYPE OF EXTINGUISHER SHALL BE SUITABLE FOR THE TYPE OF FIRE ASSOCIATED WITH THE HAZARDS PRESENT.
3. REQUIRED EXIT COMPONENTS SHALL BE MAINTAINED IN ACCORDANCE WITH 2022 CFC. PROVIDE TEMPORARY 1 HR PROTECTION WHERE OCCUPIED DURING CONSTRUCTION.
4. COMBUSTIBLE DEBRIS SHALL NOT BE ACCUMULATED WITHIN BUILDINGS. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL BE REMOVED FROM BUILDINGS AS OFTEN AS PRACTICAL. COMBUSTIBLE DEBRIS, WASTE MATERIAL AND TRASH SHALL NOT BE BURNED ON SITE UNLESS APPROVED.
5. FIRE RESISTIVE ASSEMBLIES AND CONSTRUCTION SHALL BE MAINTAINED IN ACCORDANCE WITH 2022 CFC.
6. APPROVED VEHICLE ASSESS FOR FIRE FIGHTING SHALL BE PROVIDED TO ALL CONSTRUCTION OR DEMOLITION SITES. PER SECTION 3310.
7. READILY ACCESSIBLE EMERGENCY TELEPHONE FACILITIES SHALL BE PROVIDED IN AN APPROVED LOCATION AT THE CONSTRUCTION SITE THE STREET ADDRESS OF THE
CONSTRUCTION SITE AND THE EMERGENCY TELEPHONE NUMBER OF THE FIRE DPT.

NEW BUILDINGS SHALL BE PROVIDED W/ EMERENCY RESPONDER RADIO COVERAGE IN ACCORDANCE WITH CFC, 510.

THE AOR SHALL CONTACT THE LOCAL AHJ TO OBTAIN DESIGN EQUIPMENT SPECIFICATIONS, TESTING & ACCEPTANCE CRITERIA.

PLANS & REQUESTED DOCUMENTS SHALL BE SUBMITTED TO THE LOCAL AHJ FOR REVIEW AND APPROVAL.
UPON COMPLETION, CPOIES OF THE APPROVED PLANS DATA SHEETS, TESTING AND ACCEPTANCE DOCS SHALL BE PROVIDED TO DSA.

COMPLY WITH CFC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION

PROJECT DIRECTORY

OWNER
INGLEWOOD UNIFIED SCHOOL DISTRICT
401 S. INGLEWOOD AVE.
INGLEWOOD, CA 90301
TEL: (310) 419-2700
CONTACT:

ARCHITECT OF RECORD
HED
550 SOUTH HOPE STREET
SUITE 2500
LOS ANGELES, CA 90071
TEL: 213.542.4500
CONTACT: GRACE MILENKOV

CIVIL
ARMSTRONG & BROOKS CONSULTING ENGINEERING, INC.
1350 EAST CHASE DRIVE
CORONA, CA 92881
TEL: 951.372.8400
CONTACT: WILLIAM BROOKS

LANDSCAPE ARCHITECT
NUVIS
20250 SW ACACIA STREET, SUITE 260
NEW PORT BEACH, CA 92660
TEL: (714) 745-1455
CONTACT: LINDA FORDE

STRUCTURAL
MIYAMOTO STRUCTURAL ENGINEERS
155 N. LAKE AVE, 6TH FLOOR
PASADENA, CA 91101
TEL: (213) 572 0668
CONTACT: KEN WONG

MECHANICAL / PLUMBING
HED
550 SOUTH HOPE STREET
SUITE 2500
LOS ANGELES, CA 90071
TEL: 213.542.4500
CONTACT:

ELECTRICAL / FIRE LIFE SAFETY / LOW VOLTAGE
HED
550 SOUTH HOPE STREET
SUITE 2500
LOS ANGELES, CA 90071
TEL: 213.542.4500
CONTACT:

PHOTOVOLTAIC BATTERY
BUDLONG & ASSOCIATES
315 ARDEN AVE #23
GLENDALE, CA 91203
TEL: 808.630.9309
CONTACT:

DSA NOTES

THE AUTHORITY HAVING JURISDICTION IS CALIFORNIA DEPARTMENT OF GENERAL SERVICES -DIVISION OF THE STATE ARCHITECT

1. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338. PART 1, TITLE 24, CCR.
2. A CLASS 1 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-432, PART 1, TITLE 24, CCR AND INTERPRETATION REGULATIONS (IR) A-7
3. ALL WORK SHALL CONFORM TO 2022 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
4. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL BOARD SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
5. 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, CALIFORNIA CODE OF REGULATIONS (CCR). SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTING TO AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK. [REFERENCE: SECTION 4-317 (C), PART 1,TITLE 24, CCR].
6. PRIOR TO FINAL INSPECTION, A CERTIFICATE OF CONSTRUCTION COMPLIANCE SHALL BE MADE READY FOR THE INSPECTION. THE CERTIFICATE SHALL STATE THAT "BASED UPON PERSONAL KNOWLEDGE, THAT THE WORK APPEARS TO HAVE BEEN PERFORMED, AND THE MATERIALS USED AND INSTALLED APPEAR IN EVERY MATERIAL RESPECT IN COMPLIANCE WITH THE PLANS." THE CERTIFICATE MUST BE SIGNED BY ONE OR MORE OF THE FOLLOWING: (A) OWNER, (B) GENERAL CONTRACTOR, (C) ARCHITECT, (D) DESIGN ENGINEER, (E) AN APPROVED INDEPENDENT INSPECTOR OR INSPECTION AGENCY.
7. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
8. DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION:
IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULDMAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A CHANGE ORDER OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR
WORK SHALL BE SUBMITTED TO, AND APPROVED BY, DSA BEFORE PROCEEDING WITH THE REPAIR WORK
9. SUBSTITUTIONS AFFECTING ITEMS REGULATED BY THE DIVISION OF HTE STATE ARCHITECT(DSA) REQUIRE APPROVAL AS AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT(CCD). DSA APPROVAL SHALL BE OBTAINED PRIOR TO FABRICATION AND / OR INSTALLATION PER SECTION 4-388, PART 1, TITLE 24, CCR

PROJECT DESCRIPTION

NEW BUILDING 28:
NEW 1-STORY CLASSROOM BUILDING WITH (1) MAKERSPACE, BREAKOUT ROOM, RESOURCE ROOM AND ELECTRICAL ROOM. TOILET ROOMS FOR STUDENTS AND STAFFS. BUILDING CONSTRUCTION IS TYPE V-B WITH EXTERIOR CEMENT PLASTER & THIN BRICK CLADDING.

SITE RENOVATION:
THE SITE CONSISTS OF NEW ASPHALT SITE PLAY FIELD, COURTS, FIRE LANE RE-STRIPING AND MODIFICATIONS TO THE FENCING ALONG THE NORTH SIDE OF CAMPUS WHICH CONSISTS OF RENOVATING EXISTING FENCING AND INSTALLING NEW FENCING.

SIGNATURE STATEMENT

THE DRAWINGS FOR THE ITEMS LISTED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME FOR DESIGN INTENT AND APPEAR TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED UNDER MY GENERAL SUPERVISION.

THE ITEMS LISTED BELOW ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN AND HAVE BEEN COORDINATED WITH THE DRAWINGS AND SPECIFICATIONS PREPARED UNDER MY GENERAL SUPERVISION AND ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE.

LIST OF DRAWINGS:
ALL CIVIL, LANDSCAPE, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, LOW VOLTAGE, FOOD SERVICE AND FIRE LIFE SAFETY SHEETS.

WILLIAM McCARTHY
ARCHITECT
HED
LICENSE NO: C 36143
EXPIRATION DATE: 04/30/2025

11/05/2025
DATE

DSA SIGNATURE STATEMENT

Statement of General Conformance

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

(Application No. _04-121708_ 11/05/2025 **File No. _30-2_)**

[X] The drawings or sheets listed on the cover or index sheet
[X] This drawing, page of specifications/calculations

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:

1) Design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
2) Coordination with my plans and specifications and is acceptable for incorporation into the construction of 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 4-336, 4-341 and 4-344" of Title 24, Part 1. (Title 24, Part 1, Section 4-317 [b])

APPENDIX B–Example of Signature Block

I find that:
[X] All drawings or sheets listed on the cover or index sheet
[X] This drawing or page AND SHEET M-502 DETAILS 1,2,3,4,5,6

[X] is/are in general conformance with the project design intent, and [X] has/have been coordinated with the project plans and specifications.	[X] is/are in general conformance with the project design intent, and [X] has/have been coordinated with the project plans and specifications.
Signature: 11/05/2025	Kenneth N. Wong 11/05/2025
Signature / Date	Signature / Date
Architect or Engineer designated to be in general responsible charge	**Architect or Engineer delegated responsibility for this portion of the work**
William McCarthy	Kenneth N. Wong
Print Name	**Print Name**
C36143 04/30/2027	SE 2870 09/30/2025
License Number / Expiration Date	**License Number / Expiration Date**

VICINITY MAP

11710 S CHERRY AVE, INGLEWOOD, CA 90303

Inglewood Unified School District

401 S. Inglewood Ave.
Inglewood, CA 90301

IUSD Bennett-Kew P-8 Academy

11710 S Cherry Ave.
Inglewood, CA 90303

△	Date	Issued For
1	11/5/2024	DSA SUBMITTAL

DSA A# 03-124773 FILE # 19-48

HED
550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA

(213) 542-4500

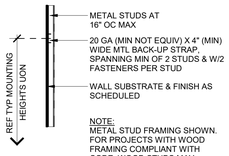
WWW.HED.DESIGN

LICENSED ARCHITECT WILLIAM J. MCCARTHY C-36143 4/30/2027 STATE OF CALIFORNIA

2023-IU002-002

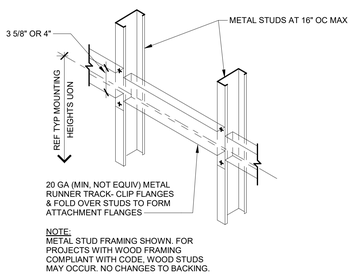
Project Data / Code Analysis & Abbreviations

G-012



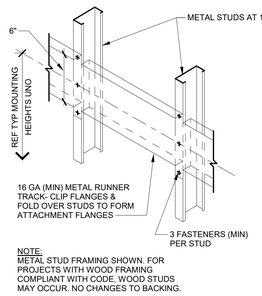
LIGHT DUTY MOUNTING

BACKING AT METAL FRAMING



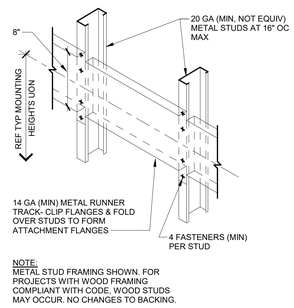
MEDIUM DUTY MOUNTING

BACKING AT METAL FRAMING



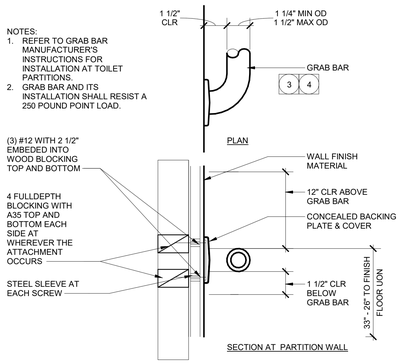
HEAVY DUTY MOUNTING

BACKING AT METAL FRAMING



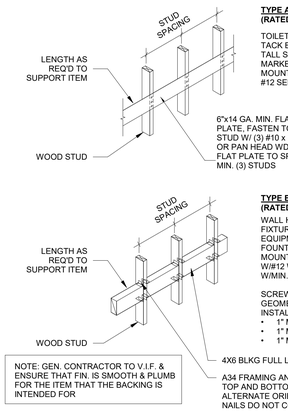
EXTRA HEAVY DUTY MOUNTING

BACKING AT METAL FRAMING



6 GRAB BAR

3" = 1'-0"



IN-WALL BLOCKING/BACKING PLATE

BACKING AT WOOD FRAMING

KEYED NOTES	
1	FINISHED WALL SURFACE
2	TOILET PARTITION WITH 1" NOM THICKNESS UON
3	URINAL SCREEN (OR FINISHED WALL SURFACE WHERE APPLICABLE)
4	ADJACENT COMPARTMENT WHERE APPLICABLE
5	ORIENT HAND-OPERATED FLUSH HANDLE (WHERE APPLICABLE) TO TRANSFER SIDE OF WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS & ROOMS
6	ACCESSIBLE TOILET COMPARTMENT DOORS SHALL BE SELF-CLOSING & AN ACCESSIBLE DOOR PULL HANDLE BY TOILET PARTITION MFR SHALL BE MOUNTED ON BOTH SIDES OF DOOR
7	COAT HOOK BY TOILET PARTITION MFR, MOUNTED WITH TOP AT 4'-0" AFF & CENTERED ON PUSH SIDE OF DOOR. AT ADJACENT PERPENDICULAR WALL WHERE APPLICABLE, PROVIDE DOOR STOP AS REQD BY TOILET PARTITION MFR ON PULL SIDE OF DOOR (NOT SHOWN)
8	COAT HOOK / DOOR BUMPER BY TOILET PARTITION MFR
9	WHEELCHAIR ACCESSIBLE WALL MOUNTED LAVATORY- 20 1/2" W X 18 1/4" FRONT TO BACK NOMINAL DIMENSIONS. BASIS OF DESIGN UON - AMERICAN STANDARD 'LUCERNE'. PROVIDE MOLDED VINYL PIPING PROTECTION FOR EXPOSED WASTE & SUPPLY PIPING. BASIS OF DESIGN UON - TRUEBRO 'LAV GUARD 2 E-Z'. REF: PLUMB
10	FIELD-BUILT SHOWER OR PREFABRICATED SHOWER UNIT WITH FIXED SHOWER HEAD & 4" MAX H THRESHOLD UON. CENTER SHOWER HEAD & CONTROLS ON CONTROL WALL
11	TRANSFER TYPE FIELD-BUILT SHOWER OR PREFABRICATED SHOWER UNIT. 2'-0" X 3-0" CLEAR SIZE AS NOTED IS CRITICAL. SLOPE SHOWER FLOOR TO DRAIN AT 1/4"/FT MAX
12	ROLL-IN TYPE FIELD-BUILT SHOWER OR PREFABRICATED SHOWER UNIT. PROVIDE BUILT-IN FOLDING SEAT WHERE INDICATED. SLOPE SHOWER FLOOR TO DRAIN AT 1/4"/FT MAX
13	ADA COMPLIANT DUAL HEAD SHOWER ASSEMBLY WITH (1) FIXED SHOWER HEAD, (1) HAND SHOWER WITH 60" L FLEXIBLE HOSE & MOUNTING BRACKET, & DIVERTER VALVE. BASIS OF DESIGN UON - BRADLEY #HN300/HS UON - REF: PLUMB
14	SHOWER CONTROL / MIXING VALVE - REF: PLUMB
15	1/2" H MAX THRESHOLD WITH EXPOSED EDGE(S) BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. EXCEPTION: AT EXISTING FACILITIES WHERE THE CONSTRUCTION OF A SHOWER PAN WITH A 1/2" H THRESHOLD WOULD DISTURB THE REINFORCEMENT OF THE FLOOR SLAB, A 2" H (MAX) THRESHOLD MAY BE PROVIDED FOR ACCESSIBLE TRANSFER SHOWER STALLS
16	AT FIELD-BUILT SHOWER, PROVIDE WALL MOUNTED RECESSED SOAP DISH 'SPDH' AS SCHEDULED ON CONTROL WALL. AT PREFABRICATED SHOWER UNIT, PROVIDE MOLDED SOAP LEDGE IN CORNER AT 3'-4" AFF MAX TO TOP
17	INCREASE CLEARANCE OR COUNTER LENGTH AS REQD TO MAINTAIN INDICATED MIN. CLEARANCE FROM CL OF LAVATORY TO FACE OF PROTRUDING OBJECTS MOUNTED ON SIDE WALL(S) IN FRONT OF LAVATORIES / COUNTERTOP, OR TO MAINTAIN KNEE & TOE CLEARANCE AT PROTRUDING OBJECTS ALONGSIDE THE LAVATORY BELOW 2'-10" AFF.
18	COUNTERTOP WITH LAVATORY / SINK BASINS - REF PROJECT SPECIFIC DRAWINGS FOR CONSTRUCTION. PROVIDE PIPING PROTECTION FOR ALL SINKS WHETHER ACCESSIBLE OR NOT. MOLDED VINYL PIPING PROTECTION IS NOT REQUIRED WHERE PIPING IS CONCEALED BEHIND A REMOVABLE PANEL OR COVER
19	COUNTERTOP WITH BACKSPLASH & DOUBLE OR SINGLE COMPARTMENT SINK FOR SINK WITH KNEE SPACE BELOW, PROVIDE PIPING PROTECTION. MOLDED VINYL PIPING PROTECTION IS NOT REQD WHERE PIPING IS CONCEALED BEHIND A REMOVABLE PANEL OR INSIDE CABINET
20	LINE OF BASE CABINET SIDE PANEL OR SIDE PARTITION WHERE APPLICABLE
21	SLOPED REMOVABLE PANEL(S) OR COVERS FOR PIPING PROTECTION WHERE INDICATED ON PROJECT-SPECIFIC DRAWINGS. IF NO PANEL OR COVER, PROVIDE MOLDED VINYL PIPING PROTECTION.
22	WALL-MOUNTED HIGH / LOW ELECTRIC WATER COOLER OR DRINKING FOUNTAIN. REF: PLUMB
23	ADJACENT SIDE WALL OR WING WALL WHERE APPLICABLE
24	WING WALL OR EQUIVALENT SCREEN EACH SIDE WITH DEPTH AT LEAST AS DEEP AS DRINKING FOUNTAIN HORIZ PROJECTION OR 1'-6", WHICHEVER IS GREATER.
25	ACCESSIBLE BENCH SEATING FOR HOLDING CELLS, DRESSING, FITTING, LOCKER, SAUNA, & STEAM ROOMS. TOP OF SEATING SURFACE SHALL BE 1'-5" MIN AFF TO 1'-7" MAX AFF. BENCH SHALL BE SUPPORTED BY MIN OF (2) WALL BRACKETS OR (4) FLOOR PEDESTALS, EACH CAPABLE OF SUPPORTING 250 LB MIN HORIZONTAL OR VERTICAL FORCE. WHERE INSTALLED IN WET AREAS, SEATING SURFACE SHALL BE SLIP RESISTANT & SHALL NOT ACCUMULATE WATER
26	BACK SUPPORT ATTACHED TO BENCH & EXTENDING FROM 2" MAX ABOVE SEATING SURFACE TO 1'-6" MIN ABOVE SEATING SURFACE
27	ALCOVE WITH DEPTH AT LEAST AS DEEP AS DRINKING FOUNTAIN HORIZ PROJECTION OR 1'-6", WHICHEVER IS GREATER.
28	CABINET(S) WHERE APPLICABLE- REF PROJECT-SPECIFIC DRAWINGS
29	DOOR PERMITTED TO SWING OVER WATER CLOSET MANEUVERING SPACE ONLY AT HATCHED AREA.
30	ACCESSIBLE RESTROOM IDENTIFICATION SIGNAGE, OR ACCESSIBLE SIGNAGE TO INDICATE BABY STATION. TACTILE CHARACTERS IN SIGN SHALL BE CENTERED ON CC10

ACCESSIBILITY SHEET NOTES

1. GUIDELINES HAVE BEEN DESIGNED WITH THE INTENT TO COMPLY WITH ALL CURRENT REQUIREMENTS IN THE 2022 CALIFORNIA BUILDING CODE, CHAPTER 11B - ACCESSIBILITY TO PUBLIC BUILDINGS, PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS & PUBLIC HOUSING. INSTALLED ACCESSORIES, FIXTURES & EQUIPMENT SHALL COMPLY WITH ACCESSIBILITY REQUIREMENTS AS REQUIRED
2. DIMENSIONS NOTED AS CLEAR (CLR.) ARE FROM FACE OF FINISHED WALL SURFACE, DOOR JAMB, AND/OR CENTERLINE OF FIXTURE ACCESSORY UON. CLEAR DIMENSIONS ARE CRITICAL & ARE NOT MINIMUM OR MAXIMUM DIMENSIONS UON.
3. NO TOLERANCE OUTSIDE OF THE DIMENSION(S) SHOWN IS ALLOWED WHERE DIMENSIONS ARE INDICATED AS EITHER A RANGE, A MINIMUM, OR A MAXIMUM DIMENSION.
4. DIMENSIONS SHOWN ARE FOR ADULTS & CHILDREN ABOVE 12 YEARS OF AGE. SPACES THAT ARE PRIMARILY DESIGNED FOR CHILDREN 12 YEARS OF AGE OR YOUNGER REQUIRE DIFFERENT DIMENSIONS.
5. REFER TO PROJECT-SPECIFIC DRAWINGS FOR ACTUAL LAYOUT OF COMPARTMENTS & ROOMS, AS WELL AS SPECIFIC ACCESSORIES IN PROJECT SCOPE. MINIMUM, MAXIMUM, & CLEAR DIMENSIONS SHALL BE MAINTAINED AS INDICATED ON THIS SHEET. LAYOUTS MAY BE OPPOSITE HAND.
6. REFER TO PLUMBING, MECHANICAL, & ELECTRICAL FOR ADDITIONAL INFORMATION.
7. 2'-6" (OR 3'-0") X 4'-0" MIN CLEAR FLOOR SPACE FOR ACCESSIBLE PLUMBING FIXTURES SHALL BE ORIENTED FOR FORWARD APPROACH UON, & SHALL INCLUDE ACCESSIBLE KNEE & TOE CLEARANCE. MIN CLEAR FLOOR SPACE SHALL BE CENTERED ON PLUMBING FIXTURE UON.
8. EXPOSED WATER SUPPLY & DRAIN PIPING UNDER ACCESSIBLE LAVATORIES OR SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER ACCESSIBLE LAVATORIES OR SINKS.
9. VERIFY & COMPLY WITH MFR'S RECOMMENDED MINIMUM CLEARANCES REQUIRED FOR ACCESSORY & EQUIPMENT MAINTENANCE & DISPENSER REFILLING PROCEDURES.
10. PROVIDE ACCESSORIES WITH DASHED ID TAGS ON PLANS, ELEVATIONS, & SECTIONS ON THIS SHEET SERIES ONLY. IF INDICATED IN PROJECT-SPECIFIC DRAWINGS OR SPECS, AND/OR REQUIRED BY THE AHJ.

TOILET ACCESSORY SCHEDULE

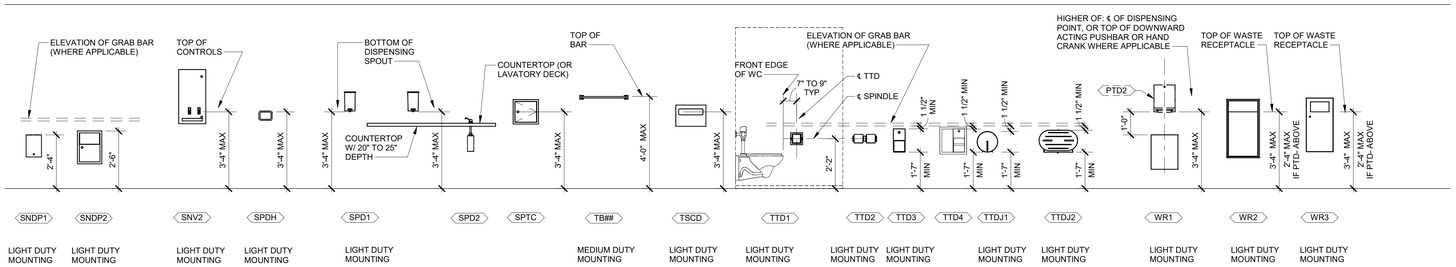
THE FOLLOWING LIST IS GENERIC. REFER TO PROJECT-SPECIFIC TOILET ACCESSORY SCHEDULE FOR ACTUAL PRODUCTS UON. SOME ACCESSORIES LISTED MAY NOT BE IN PROJECT SCOPE.

PROVIDE ACCESSORIES WITH DASHED ID TAGS ON PLANS, ELEVATIONS, & SECTIONS ON THIS SHEET & PRECEDING SHEET ONLY IF INDICATED IN PROJECT-SPECIFIC DRAWINGS OR SPECS, AND/OR REQUIRED BY THE AHJ.

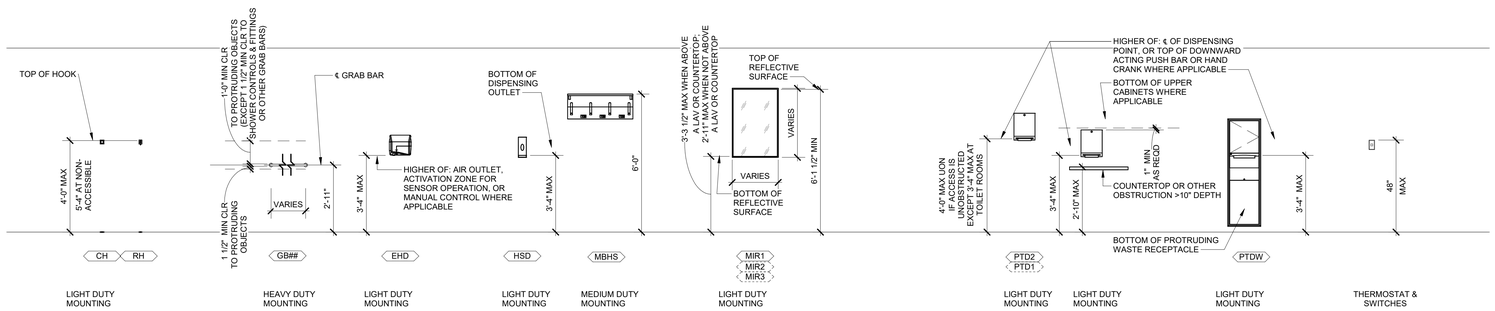
MARK	DESCRIPTION
BCS1	SURFACE-MOUNTED FOLD-DOWN BABY CHANGING STATION W/ SIDE HANDLES TO ALLOW FOR CANE DETECTION WHEN OPEN - KOALA CARE KB310-SSWM (OR EQUIVALENT)
BCS2	RECESSED FOLD-DOWN BABY CHANGING STATION W/ SIDE HANDLES TO ALLOW FOR CANE DETECTION WHEN OPEN - KOALA CARE KB310-SSRE (OR EQUIVALENT)
CH	COAT HOOK
EHD	ELECTRIC HAND DRYER
GB18V	1 1/2"Ø X 1'-6" L VERT GRAB BAR
GB##	1 1/2"Ø HORIZ GRAB BAR WITH STRAIGHT RUN. NUMBER SUFFIX INDICATES LENGTH IN INCHES
GBSH	1 1/2"Ø HORIZ GRAB BAR FOR ACCESSIBLE TRANSFER SHOWER, EXTENDING ACROSS THE CONTROL WALL & RETURNING 18" L ALONG THE BACK WALL. ALTERNATIVE: SEPARATE GB18 & GB30 HORIZ GRAB BARS
HSD	TOUCH-FREE HAND SANITIZER DISPENSER - WALL MOUNTED
MBHS	MOP & BROOM HOLDER WITH SHELF & RAG HOOKS
MIR1	METAL CHANNEL FRAMED GLASS MIRROR - 2'-0" W X 3'-0" H UON
MIR2	CUSTOM SIZE GLASS MIRROR - REF PROJECT SPECIFIC ELEVATION(S) FOR SIZE
MIR3	METAL CHANNEL FRAMED GLASS MIRROR - 2'-0" W X 4'-0" H UON
MIR4	METAL CHANNEL FRAMED GLASS MIRROR - 2'-0" W X 5'-0" H UON
MIR5	SELF-ILLUMINATED MIRROR- REF ELECTRICAL
PTD1	ROLL PAPER TOWEL DISPENSER PROJECTING MORE THAN 4" FROM WALL SURFACE
PTD2	ROLL (OR C-FOLD) PAPER TOWEL DISPENSER PROJECTING 4" OR LESS FROM WALL SURFACE
PTDW	SEMI-RECESSED MOUNTED COMBINATION PAPER TOWEL DISPENSER / WASTE COMBO UNIT
RH	ROBE HOOK
SHCR	SHOWER CURTAIN ROD WITH LENGTH AS REQD PROVIDE SHOWER CURTAIN & HANGER CLIPS WHERE INDICATED IN PROJECT SPECIFIC DWGS OR SPECS
SHST1	FOLD DOWN L-SHAPED SHOWER SEAT
SHST2	FOLD-DOWN RECTANGULAR SHOWER SEAT W/ 2'-1 1/2" WIDTH UON
SHST3	FOLD-DOWN RECTANGULAR SHOWER SEAT W/ 1'-10" WIDTH UON
SNDP1	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL - PROVIDE AT WOMEN'S & ALL-GENDER TOILETS ONLY
SNDP2	SEMI-RECESSED SANITARY NAPKIN DISPOSAL - PROVIDE AT WOMEN'S & ALL-GENDER TOILETS ONLY
SNV1	SEMI-RECESSED SANITARY NAPKIN VENDOR
SNV2	RECESSED SANITARY NAPKIN VENDOR
SPD1	SOAP DISPENSER - WALL MOUNTED
SPD2	SOAP DISPENSER - COUNTER, LAVATORY OR SINK MOUNTED
SPDH	RECESSED SOAP DISH - WALL MOUNTED
SPTC	RECESSED SPECIMEN PASS-THROUGH CABINET
TB##	TOWEL BAR, NUMBER SUFFIX INDICATES LENGTH IN INCHES
TSCD	SURFACE-MOUNTED TOILET SEAT COVER DISPENSER
TTD1	SINGLE STANDARD ROLL TOILET TISSUE DISPENSER
TTD2	MULTI-ROLL TOILET TISSUE DISPENSER - HORIZ ORIENTATION
TTD3	MULTI-ROLL TOILET TISSUE DISPENSER - VERT ORIENTATION
TTD4	DUAL-SIDED MULTI-ROLL TOILET TISSUE DISPENSER FOR ADJACENT PAIR OF TOILET COMPARTMENTS.
TTDJ1	SINGLE JUMBO ROLL TOILET TISSUE DISPENSER
TTDJ2	DOUBLE JUMBO ROLL TOILET TISSUE DISPENSER
WR1	SURFACE-MOUNTED WASTE RECEPTACLE
WR2	SEMI-RECESSED WASTE RECEPTACLE
WR3	RECESSED WASTE RECEPTACLE

RESTROOM CLEARANCES

MARK	DESCRIPTION
CC01	35" W X 60" D CLEAR COMPARTMENT SPACE. CLEAR WIDTH OF AMBULATORY ACCESSIBLE STALL SHALL NOT EXCEED 37" MAX
CC02	ADDITIONAL 60" X 60" MIN MANEUVERING SPACE IN FRONT OF WATER CLOSET FOR A TOILET COMPARTMENT WITH SIDE OPENING DOOR
CC03	ADDITIONAL 60" X 48" MIN MANEUVERING SPACE IN FRONT OF WATER CLOSET FOR A TOILET COMPARTMENT WITH END OPENING DOOR OR A TOILET ROOM
CC04	9" H MIN AFF X 6" W MIN TOE SPACE CLEARANCE OUTSIDE OF WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT AT FRONT & SIDE OPPOSITE WATER CLOSET. (NOT REQUIRED AT SIDE OF COMPARTMENTS WIDER THAN 66") TOE SPACE IS EXCLUSIVE OF TOILET PARTITION SUPPORTS EXTENDING TO FLOOR. INCREASE COMPARTMENT CLEAR WIDTH AS REQUIRED IF TOE SPACE CANNOT EXTEND BEYOND SIDE PARTITION AS INDICATED ON THE TOILET COMPARTMENT PLAN. PARTITION COMPONENTS AT TOE CLEARANCE SHALL BE SMOOTH WITHOUT SHARP EDGES OR ABRASIVE SURFACES.
CC05	30" X 48" MIN CLEAR FLOOR SPACE
CC06	36" X 60" MIN CLEAR FLOOR SPACE
CC07	60" W X 54" D MIN CLEARANCE AT TOILET ROOM FOR FLOOR OR WALL MOUNTED WATER CLOSET
CC08	60" DIA TURNING SPACE
CC09	30" X 60" MIN CLEAR FLOOR SPACE
CC10	18" MIN X 18" MIN CLEAR FLOOR SPACE LOCATED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION & 45 DEGREE OPEN POSITION
CC11	30" W MIN X 27" H MIN KNEE CLEARANCE & 30" W MIN X 9" H MIN TOE CLEARANCE
CC12	30" W MIN X 27" H MIN KNEE CLEARANCE WITH 29" H MIN CLEARANCE AT FRONT EDGE & 30" W MIN X 9" H MIN TOE CLEARANCE
CC13	66" X 60" T-SHAPED TURNING SPACE WITH KNEE & TOE SPACE OVERLAP ONLY AT THE END OF EITHER THE BASE OR ONE ARM.
CD01	60" D X [DOOR WIDTH + 18"] MIN CLEAR FLOOR SPACE FOR DOOR FRONT APPROACH, PULL SIDE
CD02	52" D X [DOOR WIDTH + 24"] MIN CLEAR FLOOR SPACE FOR DOOR FRONT APPROACH, PUSH SIDE TO DOOR WITH CLOSER & LATCH (52" D X DOOR WIDTH MIN FOR DOOR WITHOUT CLOSURE AND/OR LATCH)



TYPICAL TOILET ACCESSORY MOUNTING HEIGHTS



TYPICAL TOILET ACCESSORY MOUNTING HEIGHTS

Inglewood Unified School District
401 S. Inglewood Ave.
Inglewood, CA 90301

IUSD Bennett-Kew P-8 Academy
11710 S Cherry Ave,
Inglewood, CA 90303

△	Date	Issued For
1	11/5/2024	DSA SUBMITTAL

DSA A# 03-124773 FILE # 19-48
2022 California Building Code, Chapter 11B

HED
550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA
(213) 542-4500
WWW.HED.DESIGN

LICENSED ARCHITECT WILLIAM J. MCDONALD C-36143 11/5/2027 REGISTERED PROFESSIONAL STATE OF CALIFORNIA

2023-IU002-002

Accessibility Guidelines

G-021

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 1

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

Y	N/A	RESPON. PARTY

CHAPTER 3
GREEN BUILDING
SECTION 301 GENERAL

301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.

301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC-CG] The provisions of individual sections of Chapter 5 apply to newly constructed buildings, building additions of 1,000 square feet or greater, and/or building alterations with a permit valuation of $200,000 or above (for occupancies within the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.

A code section will be designated by a banner to indicate where the code section only applies to newly constructed buildings [N] or to additions and/or alterations [A]. When the code section applies to both, no banner will be used.

301.3.1 Nonresidential additions and alterations that cause updates to plumbing fixtures only:

Note: On and after January 1, 2014, certain commercial real property, as defined in Civil Code Section 1101.3, shall have its noncompliant plumbing fixtures replaced with appropriate water-conserving plumbing fixtures under specific circumstances. See Civil Code Section 1101.1 et seq. for definitions, types of commercial real property affected, effective dates, circumstances necessitating replacement of noncompliant plumbing fixtures, and duties and responsibilities for ensuring compliance.

301.3.2 Waste Diversion. The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work.

301.4 PUBLIC SCHOOLS AND COMMUNITY COLLEGES. (see GBSC)
301.5 HEALTH FACILITIES. (see GBSC)

SECTION 302 MIXED OCCUPANCY BUILDINGS

302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.

SECTION 303 PHASED PROJECTS

303.1 PHASED PROJECTS. For shell buildings and others constructed for future tenant improvements, only those code measures relevant to the building components and systems considered to be new construction (or newly constructed) shall apply.

303.1.1 Initial Tenant improvements. The provisions of this code shall apply only to the initial tenant improvements to a project. Subsequent tenant improvements shall comply with the scoping provisions in Section 301.3 non-residential additions and alterations.

ABBREVIATION DEFINITIONS:

HCD	Department of Housing and Community Development
BSC	California Building Standards Commission
DSA-SS	Division of the State Architect, Structural Safety
OSHPD	Office of Statewide Health Planning and Development
LR	Low Rise
HR	High Rise
AA	Additions and Alterations
N	New

CHAPTER 5
NONRESIDENTIAL MANDATORY MEASURES

DIVISION 5.1 PLANNING AND DESIGN

SECTION 5.101 GENERAL

5.101.1 SCOPE
The provisions of this chapter outline planning, design and development methods that include environmentally responsible site selection, building design, building siting and development to protect, restore and enhance the environmental quality of the site and respect the integrity of adjacent properties.

SECTION 5.102 DEFINITIONS

5.102.1 DEFINITIONS
The following terms are defined in Chapter 2 (and are included here for reference)

CUTOFF LUMINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of 80 degrees above nadir. This applies to all lateral angles around the luminaire.

LOW-EMITTING AND FUEL EFFICIENT VEHICLES.
Eligible vehicles are limited to the following:

1. Zero emission vehicle (ZEV), including neighborhood electric vehicles (NEV), partial zero emission vehicle (PZEV), advanced technology PZEV (AT ZEV) or CNG fueled (original equipment manufacturer only) regulated under Health and Safety Code section 43800 and CCR, Title 13, Sections 1961 and 1962.
2. High-efficiency vehicles, regulated by U.S. EPA, bearing High-Occupancy Vehicle (HOV) car pool lane stickers issued by the Department of Motor Vehicles.

NEIGHBORHOOD ELECTRIC VEHICLE (NEV). A motor vehicle that meets the definition of "low-speed vehicle" either in Section 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to zero-emission vehicle standards.

TENANT-OCCUPANTS. Building occupants who inhabit a building during its normal hours of operation as permanent occupants, such as employees, as distinguished from customers and other transient visitors.

VANPOOL VEHICLE. Eligible vehicles are limited to any motor vehicle, other than a motortruck or truck tractor, designed for carrying more than 10 but not more than 15 persons including the driver, which is maintained and used primarily for the nonprofit work-related transportation of adults for the purpose of ridesharing.

Note: Source: Vehicle Code, Division 1, Section 668

ZEV. Any vehicle certified to zero-emission standards.

SECTION 5.106 SITE DEVELOPMENT

Y	N/A	RESPON. PARTY
☐	☒	

5.106.1 STORM WATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB LESS THAN ONE ACRE OF LAND. Newly constructed projects and additions which disturb less than one acre of land, and are not part of a larger common plan of development or sale, shall prevent the pollution of storm water runoff from the construction activities through one or more of the following measures:

5.106.1.1 Local ordinance . Comply with a lawfully enacted storm water management and/or erosion control ordinance.

5.106.1.2 Best Management Practices (BMPs). Prevent the loss of soil through wind or water erosion by implementing an effective combination of erosion and sediment control and good housekeeping BMPs.

1. Soil loss BMPs that should be considered for implementation as appropriate for each project include, but are not limited to, the following:
   a. Scheduling construction activity during dry weather, when possible.
   b. Preservation of natural features, vegetation, soil, and buffers around surface waters.
   c. Drainage swales or lined ditches to control stormwater flow.
   d. Mulching or hydroseeding to stabilize disturbed soils.
   e. Erosion control to protect slopes.
   f. Protection of storm drain inlets (gravel bags or catch basin inserts).
   g. Perimeter sediment control (perimeter silt fence, fiber rolls).
   h. Sediment trap or sediment basin to retain sediment on site.
   i. Stabilized construction exits.
   j. Wind erosion control.
   k. Other soil loss BMPs acceptable to the enforcing agency.
2. Good housekeeping BMPs to manage construction equipment, materials, non-stormwater discharges and wastes that should be considered for implementation as appropriate for each project include, but are not limited to, the following:
   a. Dewatering activities.
   b. Material handling and waste management.
   c. Building materials stockpile management.
   d. Management of washout areas (concrete, paints, stucco, etc.).
   e. Control of vehicle/equipment fueling to contractor's staging area.
   f. Vehicle and equipment cleaning performed off site.
   g. Spill prevention and control.
   h. Other housekeeping BMPs acceptable to the enforcing agency.

Y	N/A	RESPON. PARTY
☒	☐	Civil

5.106.2 STORMWATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB ONE OR MORE ACRES OF LAND. Comply with all lawfully enacted stormwater discharge regulations for projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of a larger common plan of development sale.

Note: Projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of the larger common plan of development or sale must comply with the post-construction requirements detailed in the applicable National Pollutant Discharge Elimination System (NPDES) General permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities issued by the State Water Resources Control Board or the Lahontan Regional Water Quality Control Board (for projects in the Lake Tahoe Hydrologic Unit).

The NPDES permits require postconstruction runoff (post-project hydrology) to match the preconstruction runoff (pre-project hydrology) with the installation of postconstruction stormwater management measures. The NPDES permits emphasize runoff reduction through on-site stormwater use, interception, evapotranspiration, and infiltration through nonstructural controls, such as Low Impact Development (LID) practices, and conversation design measures. Stormwater volume that cannot be addressed using nonstructural practices is required to be captured in structural practices and be approved by the enforcing agency.

Refer to the current applicable permits on the State Water Resources Control Board website at: www.waterboards.ca.gov/constructionstormwater. Consideration to the stormwater runoff management measures should be given during the initial design process for appropriate integration into site development.

Y	N/A	RESPON. PARTY
☒	☐	Arch/ Land-scape

5.106.4 BICYCLE PARKING. For buildings within the authority of California Building Standards Commission as specified in Section 103, comply with Section 5.106.4.1. For buildings within the authority of the Division of the State Architect pursuant to Section 105, comply with Section 5.106.4.2

5.106.4.1 Bicycle parking. [BSC-CG] Comply with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the applicable local ordinance, whichever is stricter.

5.106.4.1.1 Short-term bicycle parking. If the new project or an addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack.
Exception: Additions or alterations which add nine or less visitor vehicular parking spaces.

5.106.4.1.2 Long-term bicycle parking. For new buildings with tenant spaces that have 10 or more tenant-occupants, provide secure bicycle parking for 5 percent of the tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility.

5.106.4.1.3 For additions or alterations that add 10 or more tenant-occupant vehicular parking spaces, provide secure bicycle parking for 5 percent of the tenant vehicular parking spaces being added, with a minimum of one bicycle parking facility.

5.106.4.1.4 For new shell buildings in phased projects provide secure bicycle parking for 5 percent of the anticipated tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility.

5.106.4.1.5 Acceptable bicycle parking facility for Sections 5.106.4.1.2, 5.106.4.1.3, and 5.106.4.1.4 shall be convenient from the street and shall meet one of the following:

1. Covered, lockable enclosures with permanently anchored racks for bicycles;
2. Lockable bicycle rooms with permanently anchored racks; or
3. Lockable, permanently anchored bicycle lockers.

Note: Additional information on recommended bicycle accommodations may be obtained from Sacramento Area Bicycle Advocates.

5.106.4.2 Bicycle parking. [DSA-SS] For public schools and community colleges, comply with Sections 5.106.4.2.1 and 5.106.4.2.2

5.106.4.2.1 Student bicycle parking. Provide permanently anchored bicycle racks conveniently accessed with a minimum of four two-bike capacity racks per new building.
5.106.4.2.2 Staff bicycle parking. Provide permanent, secure bicycle parking conveniently accessed with a minimum of two staff bicycle parking spaces per new building. Acceptable bicycle parking facilities shall be convenient from the street or staff parking area and shall meet one of the following:

1. Covered, lockable enclosures with permanently anchored racks for bicycles;
2. Lockable bicycle rooms with permanently anchored racks; or
3. Lockable, permanently anchored bicycle lockers.

Y	N/A	RESPON. PARTY
☒	☐	Arch

5.106.5.2 DESIGNATED PARKING FOR CLEAN AIR VEHICLES. In new projects or additions or alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as follows:

TABLE 5.106.5.2 - PARKING

TOTAL NUMBER OF PARKING SPACES	NUMBER OF REQUIRED SPACES
0-9	0
10-25	1
25-50	3
51-75	6
76-100	8
101-150	11
151-200	16
201 AND OVER	AT LEAST 8% OF TOTAL

5.106.5.2.1 - Parking stall marking. Paint, in the paint used for stall striping, the following characters such that the lower edge of the last word aligns with the end of the stall striping and is visible beneath a parked vehicle: CLEAN AIR / VAN POOL / EV

Note: Vehicles bearing Clean Air Vehicle stickers from expired HOV lane programs may be considered eligible for designated parking spaces.

Y	N/A	RESPON. PARTY
☒	☐	Arch

5.106.5.3 Electric vehicle (EV) charging. [N] Construction shall comply with Section 5.106.5.3.1 or Section 5.106.5.3.2 to facilitate future installation of electric vehicle supply equipment (EVSE). When EVSE(s) is/are installed, it shall be in accordance with the California Building Code, the California Electrical Code and as follows:

5.106.5.3.1 Single charging space requirements. [N] When only a single charging space is required per Table 5.106.5.3.3, a raceway is required to be installed at the time of construction and shall be installed in accordance with the California Electrical Code. Construction plans and specifications shall include, but are not limited to, the following:

1. The type and location of the EVSE.
2. A listed raceway capable of accommodating a 208/240 -volt dedicated branch circuit.
3. The raceway shall not be less than trade size 1".
4. The raceway shall originate at a service panel or a subpanel serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and listed suitable cabinet, box, enclosure or equivalent.
5. The service panel or subpanel shall have sufficient capacity to accommodate a minimum 40-ampere dedicated branch circuit for the future installation of the EVSE.

5.106.5.3.2 Multiple charging space requirements. [N] When multiple charging spaces are required per Table 5.106.5.3.3 raceway(s) is/are required to be installed at the time of construction and shall be installed in accordance with the California Electrical Code. Construction plans and specifications shall include, but are not limited to, the following:

1. The type and location of the EVSE.
2. The raceway(s) shall originate at a service panel or a subpanel(s) serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and into listed suitable cabinet(s), box(es), enclosure(s) or equivalent.
3. Plan design shall be based upon 40-ampere minimum branch circuits.
4. Electrical calculations shall substantiate the design of the electrical system, to include the rating of equipment and any on-site distribution transformers and have sufficient capacity to simultaneously charge all required EVs at its full rated amperage.
5. The service panel or subpanel(s) shall have sufficient capacity to accommodate the required number of dedicated branch circuit(s) for the future installation of the EVSE.

5.106.5.3.3 EV charging space calculations. [N] Table 5.106.5.3.3 shall be used to determine if single or multiple charging space requirements apply for the future installation of EVSE.

Exceptions: On a case-by-case basis where the local enforcing agency has determined EV charging and infrastructure is not feasible based upon one or more of the following conditions:

1. Where there is insufficient electrical supply.
2. Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.

TABLE 5.106.5.3.3

TOTAL NUMBER OF PARKING SPACES	NUMBER OF REQUIRED SPACES
0-9	0
10-25	1
26-50	2
51-75	4
76-100	5
101-150	7
151-200	10
201 AND OVER	6% of total[1]

1. Calculation for spaces shall be rounded up to the nearest whole number.

5.106.5.3.4 [N] Identification. The service panel or subpanel(s) circuit directory shall identify the reserved overcurrent protective device space(s) for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE".

5.106.5.3.5 [N] Future charging spaces qualify as designated parking as described in Section 5.106.5.2 Designated parking for clean air vehicles.

Y	N/A	RESPON. PARTY
☒	☐	Eng

5.106.8 LIGHT POLLUTION REDUCTION. [N] Outdoor lighting systems shall be designed and installed to comply with the following:

1. The minimum requirements in the California Energy Code for Lighting Zones 0-4 as defined in Chapter 10, Section 10-114 of the California Administrative Code; and
2. Backlight (B) ratings as defined in IES TM-15-11 (shown in Table A-1 in Chapter 8);
3. Uplight and Glare ratings as defined in California Energy Code (shown in Tables 130.2-A and 130.2-B in Chapter 8) and
4. Allowable BUG ratings not exceeding those shown in Table 5.106.8. [N] or Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent.

Exceptions: [N]

1. Luminaires that qualify as exceptions in Section 140.7 of the California Energy Code.
2. Emergency lighting.
3. Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6.
4. Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction.

Note: [N]
1. See also California Building Code, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways.
2. Refer to Chapter 8 (Compliance Forms, Worksheets and Reference Material) for IES TM-15-11 Table A-1, California Energy Code Tables 130.2-A and 130.2-B.
3. Refer to the California Building Code for requirements for additions and alterations.

TABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS [1,2]

ALLOWABLE RATING	LIGHTING ZONE LZ0	LIGHTING ZONE LZ1	LIGHTING ZONE LZ2	LIGHTING ZONE LZ3	LIGHTING ZONE LZ4
MAXIMUM ALLOWABLE BACKLIGHT RATING [3]					
Luminaire greater than 2 mounting heights (MH) from property line	N/A	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1-2 MH from property line	N/A	B2	B3	B4	B4
Luminaire back hemisphere is 0.5-1 MH from property line	N/A	B1	B2	B3	B3
Luminaire back hemisphere is less than 0.5 MH from property line	N/A	B0	B0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING (U)					
For area lighting [4]	N/A	U0	U0	U0	U0
For all other outdoor lighting including decorative luminaires	N/A	U1	U2	U3	UR
MAXIMUM ALLOWABLE GLARE RATING [5] (G)					
Luminaire greater than 2 MH from property line	N/A	G1	G2	G3	G4
Luminaire front hemisphere is 1-2 MH from property line	N/A	G0	G1	G1	G2
Luminaire front hemisphere is 0.5-1 MH from property line	N/A	G0	G0	G1	G1
Luminaire back hemisphere is less than 0.5 MH from property line	N/A	G0	G0	G0	G1
1. IESNA Lighting Zones 0 and 5 are not applicable; refer to Lighting Zones as defined in the California Energy Code and Chapter 10 of the California Administrative Code.					
2. For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section.					
3. If the nearest property line is less than or equal to two mounting heights from the back hemisphere of the luminaire distribution, the applicable reduced Backlight rating shall be met.					
4. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaires located in these areas shall meet *U*-value limits for "all other outdoor lighting".					
5. If the nearest property line is less than or equal to two mounting heights from the front hemisphere of the luminaire distribution, the applicable reduced Glare rating shall be met.					

Y	N/A	RESPON. PARTY
☒	☐	Civil

5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

1. Swales.
2. Water collection and disposal systems.
3. French drains.
4. Water retention gardens.
5. Other water measures which keep surface water away from buildings and aid in groundwater recharge.

Exception: Additions and alterations not altering the drainage path.

Y	N/A	RESPON. PARTY
☒	☐	Arch/ Land-scape

5.106.12 SHADE TREES [DSA-SS]. Shade Trees shall be planted to comply with Sections 5.106.12.1, 5.106.12.2, and 5.106.12.3. Percentages shown shall be measured at noon on the summer solstice. Landscape irrigation necessary to establish and maintain tree health shall comply with Section 5.304.6.

5.106.12.1 Surface parking areas. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years.

Exceptions: The surface parking area covered by solar photovoltaic shade structures, or shade structures, with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5, are not included in the total area calculations.

5.106.12.2 Landscape areas. Shade trees plantings, minimum #10 container size or equal shall be installed to provide shade of 20% of the landscape area within 15 years.

Exceptions: Playfields for organized sport activity are not included in the total area calculation.

5.106.12.3. Hardscape areas. Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade over 20 percent of the hardscape area within 15 years.

Exceptions: Walks, hardscape areas covered by solar photovoltaic shade structures, and hardscape areas covered by shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5, are not included in the total area calculation.

DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.201 GENERAL

5.201.1 Scope. [BSC-CG], California Energy Code [DSA-SS] . For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.301 GENERAL

5.301.1 Scope. The provisions of this chapter shall establish the means of conserving water use indoors, outdoors and in wastewater conveyance.

SECTION 5.302 DEFINITIONS

5.302.1 Definitions. The following terms are defined in Chapter 2 (and are included here for reference)

EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS]. An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which ae two major influences on the amount of water that needs to be applied to the landscape.

FOOTPRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, not including exterior areas such as stairs, covered walkways, patios and decks.

METERING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable.

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Grayware" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or dishwashers.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and climatological parameters.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO), [HCD] The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWELO, or adopt a local ordinance at least as effective as the MWELO.

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER, [HCD] Water that is satisfactory for drinking, culinary, and domestic purposes, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority Having Jurisdiction.

RECYCLED WATER. Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water treated to remove waste matter attaining a quality that is suitable to use the water again.

SUBMETER. A meter installed subordinate to a site meter. Usually used to measure water intended for one purpose, such as landscape irrigation. For the purposes of CALGreen, a dedicated meter may be considered a submeter.

WATER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applied water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape Ordinance (MWELO).

SECTION 5.303 INDOOR WATER USE

Y	N/A	RESPON. PARTY
☒	☐	Eng

5.303.1 METERS. Separate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2.

5.303.1.1 Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:

1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.
2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:
   a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).
   b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).
   c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).

5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.

Y	N/A	RESPON. PARTY
☒	☐	Eng

5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:

5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

5.303.3.2 Urinals.
5.303.3.2.1 Wall-mounted Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.

5.303.3.2.2 Floor-mounted Urinals. The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.

5.303.3.3 Showerheads. [BSC-CG]
5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.
Note: A hand-held shower shall be considered a showerhead.

Inglewood Unified School District

401 S. Inglewood Ave.
Inglewood, CA 90301

IUSD Bennett-Kew P-8 Academy

11710 S Cherry Ave,
Inglewood, CA 90303

△	Date	Issued For
1	11/5/2024	DSA SUBMITTAL

DSA A# 03-124773 FILE # 19-48

HED
550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA

(213) 542-4500

WWW.HED.DESIGN

LICENSED ARCHITECT WILLIAM J. MCMINN C-36143 5/31/2027 STATE OF CALIFORNIA

2023-IU002-002

CALGREEN CHECKLIST & HAZARDS LIST

G-022

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 2

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

Y	N/A	RESPON. PARTY

5.303.3.4 Faucets and fountains.

5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.

5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.

5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than1.8 gallons per minute/20 [rim space (inches) at 60 psi].

5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle.

5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches) at 60 psi].

Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

☐	☒	Eng	5.303.4 COMMERCIAL KITCHEN EQUIPMENT.

5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.
Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation.

☐	☒		5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.
☒	☐	Eng	5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code.

SECTION 5.304 OUTDOOR WATER USE

☒	☐	Eng/ Land-scape	5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.

Notes:
1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2.
2. MWELO and supporting documents, including a water budget calculator, are available at: https://www.water.ca.gov/.

☒	☐	Eng/ Land-scape	5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35.

Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.

5.304.6.1 Newly constructed landscapes. New construction projects with an aggregate landscape area equal to or greater than 500 square feet.

5.304.6.2 Rehabilitated landscapes. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.

DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

SECTION 5.401 GENERAL

5.401.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting.

SECTION 5.402 DEFINITIONS

5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)

ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper.

BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.

BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements.

ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood waste, and food soiled paper waste that is mixed in with food waste.

TEST. A procedure to determine quantitative performance of a system or equipment

Y	N/A	RESPON. PARTY
☒	☐	Arch/ Eng

SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT

5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.

5.407.2 MOISTURE CONTROL. Employ moisture control measures by the following methods.

5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures.

5.407.2.2 Entries and openings . Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:

5.407.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:

1. An installed awning at least 4 feet in depth.
2. The door is protected by a roof overhang at least 4 feet in depth.
3. The door is recessed at least 4 feet.
4. Other methods which provide equivalent protection.

5.407.2.2.2 Flashing. Install flashings integrated with a drainage plane.

SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

Y	N/A	RESPON. PARTY
☒	☐	Contractor

5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:

1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.
2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).
3. Identifies diversion facilities where construction and demolition waste material collected will be taken.
4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.

Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.

Exceptions to Sections 5.408.1.1 and 5.408.1.2:

1. Excavated soil and land-clearing debris.
2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement as approved by the enforcing agency.

5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

Notes:

1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at www.bsc.ca.gov/Home/CALGreen.aspx may be used to assist in documenting compliance with the waste management plan.
2. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

☒	☐	Contractor

5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping provisions in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Waste materials shall be included in the construction documents.

Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/LawsRegsPolicies/Regs/upload/OEAR-A_REGS_UWR_FinalText.pdf

☒	☐	Contractor

5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.

Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.

Notes:

1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material.
2. For a map of know pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov)

SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS

☒	☐	Arch/ Owner

5.410.1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.

Exception : Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) et seq. shall also be exempt from the organic waste portion of this section.

5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.

Exception : Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area.

5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the Public Resources Code. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act).

Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.

☐	☒	Owner

5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over. For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated y the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply.

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements

Commissioning requirements shall include:

1. Owner's or Owner representative's project requirements.
2. Basis of design.
3. Commissioning measures shown in the construction documents.
4. Commissioning plan.
5. Functional performance testing.
6. Documentation and training.
7. Commissioning report.

Exceptions:

1. Unconditioned warehouses of any size.
2. Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses.
3. Tenant improvements less than 10,000 square feet as described in Section 303.1.1.
4. Open parking garages of any size, or open parking garage areas, of any size, within a structure.

Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and or air conditioning.

Informational Notes:

1. IAS AC 476 is an accreditation criteria for organizations providing training and/or certification of commissioning personnel. AC 476 is available to the Authority Having Jurisdiction as a reference for qualifications of commissioning personnel. AC 476 des not certify individuals to conduct functional performance tests or to adjust and balance systems.
2. Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the California Energy Code.

5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following:
1. Environmental and sustainability goals.
2. Building sustainable goals.
3. Indoor environmental quality requirements.
4. Project program, including facility functions and hours of operation, and need for after hours operation.
5. Equipment and systems expectations.
6. Building occupant and operation and maintenance (O&M) personnel expectations.

5.410.2.2 Basis of Design (BOD). [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall cover the following systems:

1. Renewable energy systems.
2. Landscape irrigation systems.
3. Water reuse system.

5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following:
1. General project information.
2. Commissioning goals.
3. Systems to be commissioned. Plans to test systems and components shall include:
   a. An explanation of the original design intent.
   b. Equipment and systems to be tested, including the extent of tests.
   c. Functions to be tested.
   d. Conditions under which the test shall be performed.
   e. Measurable criteria for acceptable performance.
4. Commissioning team information.
5. Commissioning process activities, schedules and responsibilities. Plans for the completion of commissioning shall be included.

5.410.2.4 Functional performance testing. [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments made.

5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required, including Occupational Safety and Health Act (OSHA) requirements in California Code of Regulations (CCR), Title 8, Section 5142, and other related regulations.

5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following:
1. Site information, including facility description, history and current requirements.
2. Site contact information.
3. Basic operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log.
4. Major systems.
5. Site equipment inventory and maintenance notes.
6. A copy of verifications required by the enforcing agency or this code.
7. Other resources and documentation, if applicable.

5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following:
1. System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces).
2. Review and demonstration of servicing/preventive maintenance.
3. Review of the information in the Systems Manual.
4. Review of the record drawings on the system/equipment.

5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.

☒	☐	Contractor

5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.

5.410.4.2 (Reserved)

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)3 for additional testing requirements of specific systems.

5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:

1. Renewable energy systems.
2. Landscape irrigation systems.
3. Water reuse systems.

5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.

5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.

☐	☒	

5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.

5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or representative with detailed operating and maintenance instructions and copies of guaranties/warranties for each system. O & M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related regulations.

5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required by the enforcing agency.

DIVISION 5.5 ENVIRONMENTAL QUALITY

SECTION 5.501 GENERAL

5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors.

SECTION 5.502 DEFINITIONS

5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)

ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route.

A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting adjustments have been made.

1 BTU/HOUR. British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu, the amount of heat required to melt a ton (2,000 pounds) of ice at 32^{0} Fahrenheit.

COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.

COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I–joists or finger–jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).

Note: See CCR, Title 17, Section 93120.1.

DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound exposure level for a 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hours (10p.m. to 7 a.m.).

DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound power, sound intensity) with respect to a reference quantity.

ELECTRIC VEHICLE (EV). An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, vans, neighborhood electric vehicles, electric motorcycles, and the like, primarily powered by an electric motor that draws current from a rechargeable storage battery, fuel cell, photovoltaic array, or other source of electric current. Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the California Electrical Code, off-road, self-propelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats, and the like, are not included.

ELECTRIC VEHICLE CHARGING STATION(S) (EVCS)). One or more spaces intended for charging electric vehicles.

ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrounded, grounded, and equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.

ENERGY EQUIVALENT (NOISE) LEVEL (Leq). The level of a steady noise which would have the same energy as the fluctuating noise level integrated over the time of period of interest.

EXPRESSWAY. An arterial highway for through traffic which may have partial control of access, but which may or may not be divided or have grade separations at intersections.

FREEWAY. A divided arterial highway with full control of access and with grade separations at intersections.

GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference compound with a GWP of one.

GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by the Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report (SAR) (IPCC, 1995); or its Fourth Assessment A-3 Report (AR4) (IPCC, 2007). The SAR GWP values are found in column "SAR (100-yr)" of Table 2.14.; the AR4 GWP values are found in column "100 yr" of Table 2.14.

HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hdrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP value equal to or greater than 150, or (B) any ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

LONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.5 times the pipe diameter.

LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that: (A) has a GWP value less than 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2–1999.

MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base REactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to hundreths of a gram (g O^{3}/g ROC).

PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging).

PSIG. Pounds per square inch, guage.

REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.

SCHRADER ACCESS VALVES. Access fittings with a valve core installed.

SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.0 times the pipe diameter.

SUPERMARKET. For the purposes of Section 5.508.2, a supermarket is any retail food facility with 8,000 square feet or more conditioned area, and that utilizes either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units.

VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a)

Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question.

☐	☒	

SECTION 5.503 FIREPLACES

5.503.1 FIREPLACES. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances.

5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits.

SECTION 5.504 POLLUTANT CONTROL

☒	☐	Contractor

5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992 Replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction.

☒	☐	Contractor

5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation and during storage on the construction site until final startup of the heating, cooling and ventilation equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheetmetal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may enter the system.

Inglewood Unified School District

401 S. Inglewood Ave.
Inglewood, CA 90301

IUSD Bennett-Kew P-8 Academy

11710 S Cherry Ave,
Inglewood, CA 90303

△	Date	Issued For
1	11/5/2024	DSA SUBMITTAL

DSA A# 03-124773 FILE # 19-48

HED
550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA

(213) 542-4500

WWW.HED.DESIGN

LICENSED ARCHITECT WILLIAM J. MCDONALD C-36143 STATE OF CALIFORNIA

2023-IU002-002

CALGREEN CHECKLIST & HAZARDS LIST

G-023

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 3

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

Y	N/A	RESPON. PARTY
☒	☐	Arch

5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:

1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.

2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94507.

TABLE 5.504.4.1 - ADHESIVE VOC LIMIT[1,2]

Less Water and Less Exempt Compounds in Grams per Liter

ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT SPECIFICALLY LISTED	50
SPECIALTY APPLICATIONS	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT

Less Water and Less Exempt Compounds in Grams per Liter

SEALANTS	CURRENT VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
ARCHITECTURAL	
NONPOROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of California Code of Regulations, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

Y	N/A	RESPON. PARTY

TABLE 5.504.4.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS[2,3]

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS

COATING CATEGORY	CURRENT VOC LIMIT
FLAT COATINGS	50
NONFLAT COATINGS	100
NONFLAT HIGH GLOSS COATINGS	150
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS[1]	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS

2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.

3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:

1. Manufacturer's product specification
2. Field verification of on-site product containers

5.504.4.4 Carpet Systems. All carpet installed in the building interior shall meet at least one of the testing and product requirements:

1. Carpet and Rug Institute's Green Label Plus Program.
2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, February 2010 (also known as CDPH Standard Method V1.1 or Specification 01350).
3. NSF/ANSI 140 at the Gold level or higher;
4. Scientific Certifications Systems Sustainable Choice; or
5. Compliant with the Collaborative for High Performance Schools California (2014 CA-CHPS) Criteria listed in the CHPS High Performance Product Database.

5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute Green Label program.

5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1.

5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure (ATCM) for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

1. Product certifications and specifications.
2. Chain of custody certifications.
3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S standards.
5. Other methods acceptable to the enforcing agency.

Y	N/A	RESPON. PARTY

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS[1]

MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION

PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD[2]	0.13

1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.

2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

5.504.4.6 Resilient flooring systems. For 80 percent of floor area receiving resilient flooring, installed resilient flooring shall meet at least one of the following:

1. Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program;
2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, Version 1.1, February 2010;
3. Compliant with the Collaborative for High Performance Schools California (2014 CA-CHPS) Criteria and listed in the CHPS High Performance Product Database; or
4. Products certified under UL GREENGUARD Gold (formerly the Greenguard Children's & Schools Program).

5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.

5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 13. MERV 13 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Exceptions: Existing mechanical equipment.

5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

☒	☐	Owner

5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.

☒	☐	Arch/ Eng

SECTION 5.505 INDOOR MOISTURE CONTROL

5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code, CCR, Title 24, Part 2, Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures, see Section 5.407.2 of this code.

☒	☐	Arch/ Eng

SECTION 5.506 INDOOR AIR QUALITY

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the California Energy Code, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

☒	☐	Arch/ Eng

5.506.2 CARBON DIOXIDE (CO_2) MONITORING. For buildings or additions equipped with demand control ventilation, CO_2 sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

☒	☐	Arch/ Eng

SECTION 5.507 ENVIRONMENTAL COMFORT

5.507.4 ACOUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

1. Within the 65 CNEL noise contour of an airport.

   Exceptions:

   1. L_{dn} or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan.
   2. L_{dn} or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.

2. Within the 65 CNEL or L_{dn} noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.

5.507.4.1.1 Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB L_{eq} - 1-hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1Hr) of 50 dBA in occupied areas during any hour of operation.

5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting compliying interior sound levels shall be prepared by personnel approved by the architect or engineer of record.

5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.

Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.toolbase.org/PDF/CaseStudies/stc_icc_ratings.pdf.

☒	☐	Arch/ Eng

SECTION 5.508 OUTDOOR AIR QUALITY

5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

☐	☒	

5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.

Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO_2), and potentially other refrigerants.

Y	N/A	RESPON. PARTY

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack.

5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.2.1 Anchorage. One-fouth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations.

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.

5.508.2.2 Valves. Valves Valves and fittings shall comply with the California Mechanical Code and as follows.

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place.

5.508.2.2.2.2.1 Chain tethers. Chain tethers to fit ovr the stem are required for valves designed to have seal caps.

Exception: Valves with seal caps that are not removed from the valve during stem operation.

5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-resistant material, such as stainless steel; or be coated to prevent corrosion from these substances.

5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.

5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device tha indicates the level of refrigerant in the receiver.

5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and charging.

5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.

5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same gauge.

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30 minutes.

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

CHAPTER 7
INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

702 QUALIFICATIONS

702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

1. State certified apprenticeship programs.
2. Public utility training programs.
3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
4. Programs sponsored by manufacturing organizations.
5. Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

1. Certification by a national or regional green building program or standard publisher.
2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
3. Successful completion of a third party apprenice training program in the appropriate trade.
4. Other programs acceptable to the enforcing agency.

Notes:

1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

703 VERIFICATIONS

703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.

Inglewood Unified School District

401 S. Inglewood Ave.
Inglewood, CA 90301

IUSD Bennett-Kew P-8 Academy

11710 S Cherry Ave,
Inglewood, CA 90303

△	Date	Issued For
1	11/5/2024	DSA SUBMITTAL

DSA A# 03-124773 FILE # 19-48

HED
550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA

(213) 542-4500

WWW.HED.DESIGN

LICENSED ARCHITECT WILLIAM J. MCINTYRE C-36143 4/30/2027 STATE OF CALIFORNIA

2023-IU002-002

CALGREEN CHECKLIST & HAZARDS LIST

G-024

GENERAL GRADING NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THESE PLANS, THE CONTRACT PROVISIONS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREEN BOOK"). ALL REFERENCE SPECIFICATIONS AND STANDARDS SHALL BE THE LATEST EDITION UNLESS OTHERWISE NOTED.
2. THE PLANS SHOWN HEREIN ARE INCLUSIVE TO THE ENTIRE SET OF CONTRACT DOCUMENTS AND NO SINGLE SHEET SHOULD BE TREATED AS A STANDALONE PLAN FOR BIDDING OR CONSTRUCTION. WHEN A TECHNICAL CONFLICT IS FOUND TO EXIST IN THE CONTRACT DOCUMENTS THAT CAN NOT BE RESOLVED BY REFERENCE TO PRECEDENCE PROVISIONS IN THE "GREEN BOOK", THE CONTRACTOR SHALL IMMEDIATELY REPORT SAID CONFLICT TO THE ENGINEER FOR RESOLUTION.
3. ALL MATERIALS AND METHODS ARE SUBJECT TO THE APPROVAL OF THE ENGINEER.
4. OFF-SITE CONSTRUCTION PERMITS SHALL BE OBTAINED BY THE CONTRACTOR FROM THE AGENCY HAVING JURISDICTION (AHJ).
5. THE WALLS AND FACES OF ALL EXCAVATIONS GREATER THAN FIVE (5) FEET IN DEPTH SHALL BE GUARDED BY SHORING, SLOPING OF THE GROUND OR OTHER APPROVED MEANS PURSUANT TO THE REQUIREMENTS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. TRENCHES LESS THAN FIVE (5) FEET SHALL ALSO BE GUARDED WHEN THE POTENTIAL EXISTS FOR GROUND MOVEMENT.
6. NO MATERIAL OR EQUIPMENT SHALL BE STORED IN THE PUBLIC RIGHT OF WAY WITHOUT OBTAINING A SEPARATE PERMIT FOR THAT PURPOSE.
7. THE LOCATIONS OF UTILITIES SHOWN HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION, HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE, IN THE FIELD, THE TRUE LOCATION AND ELEVATION OF ANY EXISTING UTILITIES BY EXPLORATORY POTHOLES, ACCOUNT FOR SUCH IN SUBMISSION OF HIS/HER BID, AND TO EXERCISE PROPER PRECAUTION TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 811 TWO WORKING DAYS BEFORE EXCAVATION.
8. THE CONTRACTOR SHALL NOT OPERATE ANY FIRE HYDRANT OR WATER MAIN VALVES WITHOUT APPROPRIATE AGENCY AUTHORIZATION. CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE WATER COMPANY FOR VALVE OPERATION AND WATER REQUIREMENTS.
9. CURVE DATA, WHERE NOTED, REFERS TO THE FACE OF CURB.
10. ADEQUATE CONSTRUCTION CONTROL STAKES SHALL BE SET BY THE SURVEYOR TO ENABLE THE CONTRACTOR TO CONSTRUCT THE WORK TO THE PLAN GRADES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF BENCHMARKS AND CONSTRUCTION CONTROL STAKING DURING CONSTRUCTION.
11. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFECTIVE MEANS OF DUST CONTROL, INCLUDING ADEQUATE WATERING, AT ALL TIMES.
12. ALL GRADING OPERATIONS SHALL BE DISCONTINUED WHEN SUSTAINED WIND VELOCITIES EXCEED 25 MILES PER HOUR.
13. THE CONTRACTOR SHALL NOT CAUSE ANY EXCAVATED MATERIAL, MUD, SILT OR DEBRIS TO BE DEPOSITED ONTO PUBLIC OR PRIVATE PROPERTY ADJACENT TO THE RIGHT OF WAY DURING CONSTRUCTION WITHOUT PRIOR WRITTEN APPROVAL.
14. NO TRENCH BACKFILL SHALL TAKE PLACE WITHOUT PRIOR APPROVAL OF THE SITE INSPECTOR.
15. A GEOTECHNICAL ENGINEER SHALL CERTIFY ALL BACKFILL COMPACTION. FAILURE TO OBTAIN THE REQUIRED DENSITY SHALL REQUIRE RE-WORKING OF THAT PORTION OF THE WORK UNTIL THE SPECIFIED DENSITY IS OBTAINED
16. CARE SHOULD BE TAKEN TO PREVENT GRADES, DITCHES, AND SWALES FROM UNDERMINING EXISTING IMPROVEMENTS.
17. THE FINAL LOCATION AND WIDTH OF DRIVEWAY APPROACH APRONS SHALL BE APPROVED AT THE TIME OF CONSTRUCTION AND SHALL CONFORM TO THE AHJ'S STANDARD DETAILS.
18. ALL EXPOSED CONCRETE SURFACES SHALL CONFORM IN GRADE, COLOR AND FINISH TO MATCH EXISTING CONCRETE, UNLESS OTHERWISE NOTED ON THE CIVIL, ARCHITECTURAL, OR LANDSCAPE ARCHITECT'S PLANS.
19. NO OPEN TRENCH SHALL BE ALLOWED AT THE END OF THE DAY WITHOUT PRIOR APPROVAL OF THE SITE INSPECTOR.
20. NO CONCRETE SHALL BE PLACED UNTIL THE FORMS AND REINFORCING STEEL HAVE BEEN PLACED, INSPECTED AND APPROVED.
22. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE EXISTING FACILITIES, AND VERIFY ELEVATION AND LOCATION OF CONNECTIONS. DSA APPROVAL OF CONNECTIONS TO EXISTING FACILITIES DOES NOT IMPLY CORRECTNESS OF ELEVATIONS OR LOCATIONS SHOWN ON THE PLANS.
23. ALL UNDERGROUND UTILITIES SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO PAVING OPERATIONS
24. IF EXISTING UTILITIES OR ANY OTHER FACILITIES CONFLICT WITH THE PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND ALL AFFECTED DISCIPLINES IMMEDIATELY.
25. APPROVED SOIL STERILANT IS REQUIRED UNDER ALL NEW ASPHALT PAVEMENT PRIOR TO PLACEMENT.
26. PAVEMENT STRUCTURAL SECTIONS SHOWN ARE MINIMUM AND SUBJECT TO REVISION AND APPROVAL OF THE ENGINEER AS DETERMINED BY SOILS TESTS TAKEN AFTER COMPLETION OF ROUGH GRADING.
27. ACTUAL THICKNESS OF A.C. PAVEMENT AND/OR BASE COURSE MATERIAL FOR STRUCTURAL PAVEMENT SECTIONS SHALL BE RECOMMENDED BY A GEOTECHNICAL REPORT, OTHERWISE THE GEOTECHNICAL ENGINEER WILL CONFIRM THE ON-SITE PAVEMENT SECTIONS BASED ON FIELD MEASURED "R" SUB GRADE VALUES.
28. ALL MANHOLES, CLEANOUT FRAMES, COVERS AND VALVE BOXES SHALL BE RAISED TO FINISHED GRADE BY THE PAVING CONTRACTOR UPON COMPLETION OF PAVING.
29. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL RESTORE ALL SIGNING, STRIPING, BARRICADES, AND OTHER TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF THE SITE INSPECTOR.
30. CONTRACTOR SHALL RELOCATE AND/OR REPLACE LANDSCAPING, SPRINKLERS AND SIDEWALKS AFFECTED BY THE CONSTRUCTION TO THE SATISFACTION OF THE SITE INSPECTOR.
31. AS-BUILT DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER OF RECORD, WHO SHALL PROVIDE RECORD DRAWINGS TO THE PROJECT ARCHITECT.

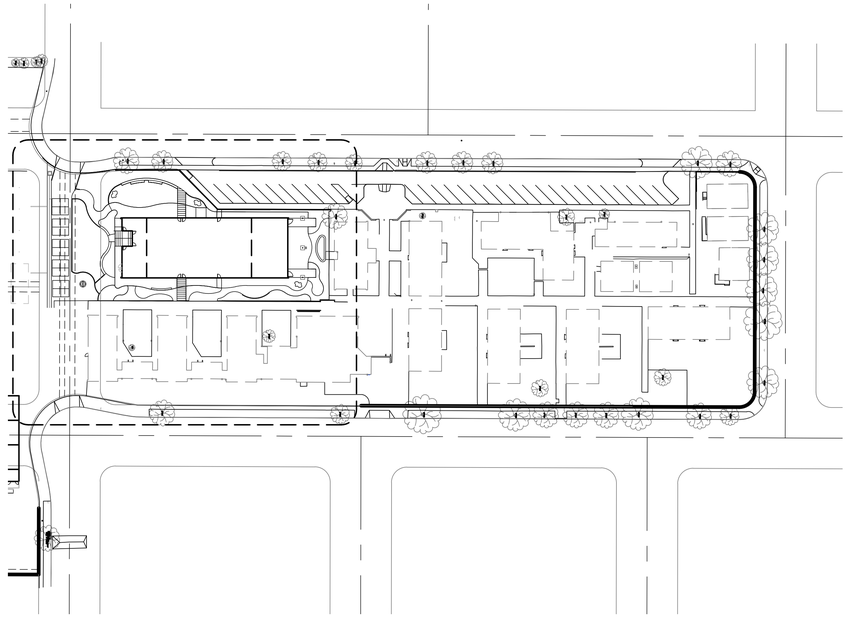
PUBLIC IMPROVEMENT PLANS / PERMIT

OFFSITE PLANS REQUIRING CITY OR OTHER JURISDICTIONAL AUTHORITY APPROVAL AND PERMITTING ARE REQUIRED WITHIN THE PUBLIC RIGHT OF WAY / PUBLIC UTILITIES EASEMENTS. PRIOR TO BIDDING, IT IS THE CONTRACTORS RESPONSIBILITY TO REQUEST FROM THE ENGINEER OF RECORD ALL PUBLIC IMPROVEMENT PLANS NOT INCLUDED IN THIS PLAN SET.

NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO FIELD VERIFY, LOCATE, & PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES, SHOWN OR NOT SHOWN ON THESE PLANS

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION ON THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS OR PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.



N

CIVIL INDEX MAP

1"=60'

ABBREVIATIONS

AC	ASPHALT CONCRETE
ADA	AMERICAN'S W. DISABILITY ACT
BLDG	BUILDING
BW	BACK OF WALK
CB	CATCH BASIN
CF	CURB FACE
C.L.	CHAINLINK
CY	CUBIC YARD
DET	DETAIL
DIA	DIAMETER
EC	EDGE OF CONCRETE
ELEC	ELECTRIC CONDUIT
EG	EDGE OF GUTTER
EP	EDGE OF PAVEMENT
EXIST.	EXISTING
FF	FINISHED FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOWLINE
FN	FENCE
FS	FINISH SURFACE
GB	GRADE BREAK
HP	HIGH POINT
HT	HEIGHT
ICV	IRRIGATION CONTROL VALVE
IE	INVERT ELEVATION
INV.	INVERT ELEVATION
JV	JUNIOR VARSITY
LA	LANDSCAPE ARCHITECT
LAT	LATERAL
LDSCP	LANDSCAPE
LP	LOW POINT
LT	LIGHT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
PB	PULL BOX
PCC	PORTLAND CONCRETE CEMENT
PED	PEDESTAL OR PEDESTRIAN
PIP	PROTECT IN PLACE
POC	POINT OF CONNECTION
PVC	POLYVINYL CHLORIDE
SCO	SEWER CLEANOUT
SD	STORM DRAIN
SMH	SEWER MAN HOLE
STD	STANDARD
SWR	SEWER
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
TG	TOP OF GRATE
TMC	TOP OF MOW CURB
TT	TOP OF TRACK
TTD	TOP PF TRENCH DRAIN
TYP	TYPICAL
VCP	VITRIFIED CLAY PIPE
WV	WATER VALVE

CIVIL SHEET INDEX

INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S Inglewood Ave, Inglewood, CA 90301

BENNETT-KEW K-8 CAMPUS MODERNIZATION

11710 S Cherry Ave, Inglewood, CA 90303

Date	Issued For
1 11/5/2024	DSA SUBMITTAL

RICK

1770 IOWA AVENUE, SUITE 100
RIVERSIDE, CA 92507

951-782-0707
rickengineering.com

SAN DIEGO ORANGE RIVERSIDE SACRAMENTO
SAN LUIS OBISPO SANTA CLARITA PHOENIX
TUCSON LAS VEGAS DENVER

HED

550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA

(213) 542-4500

WWW.HED.DESIGN

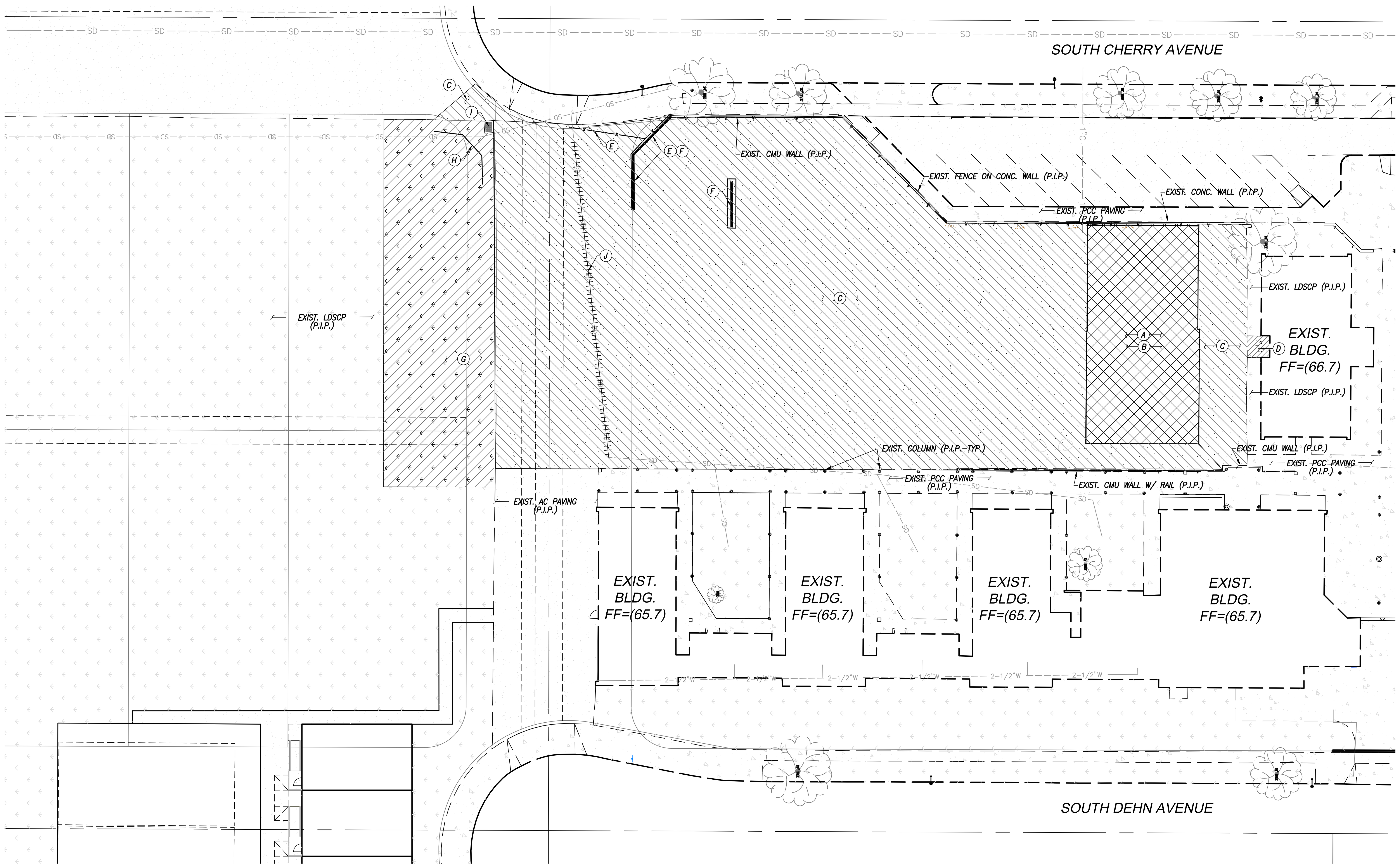
DSA A# 03-124773 FILE # 19-48

REGISTERED PROFESSIONAL ENGINEER
WILLIAM D. RICK
No. C53141
Exp. 6/30/25
CIVIL
STATE OF CALIFORNIA

2018-04434-000

TITLE SHEET

C-001



LEGEND

EXIST. PCC	EXIST. AC	EXIST. PCC (DEMO)	EXIST. AC (DEMO)
EXIST. LDSCP		EXIST. LDSCP (DEMO)	EXIST. RUBBERIZED PLAY SURFACE (DEMO)

DEMOLITION NOTES

A	SAWCUT, REMOVE, & DISPOSE EXISTING RUBBERIZED PLAY SURFACE & BASE
B	REMOVE & DISPOSE EXISTING PLAY EQUIPMENT & FOOTINGS
C	SAWCUT, REMOVE, & DISPOSE EXISTING AC PAVING
D	SAWCUT, REMOVE, & DISPOSE EXISTING PCC PAVING
E	REMOVE & DISPOSE EXISTING FENCE, GATE, POSTS & FOOTINGS
F	SAWCUT, REMOVE, & DISPOSE EXISTING WALL & FOOTING
G	CLEAR & GRUB EXISTING LANDSCAPE/VEGETATION. REMOVE, RELOCATE, OR CAP INTERFERING PORTIONS OF EXISTING IRRIGATION SYSTEM AS DIRECTED THE LANDSCAPE ARCHITECT
H	REMOVE & DISPOSE EXISTING BACKSTOP, POSTS & FOOTINGS
I	REMOVE & DISPOSE EXISTING CATCH BASIN
J	REMOVE & DISPOSE EXISTING STORM DRAIN PIPE

20 0 20 40

SCALE 1" = 20'

INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S Inglewood Ave, Inglewood, CA 90301

BENNETT-KEW K-8 CAMPUS MODERNIZATION

11710 S Cherry Ave, Inglewood, CA 90303

Date	Issued For
1 11/5/2024	DSA SUBMITTAL

RICK
1770 IOWA AVENUE, SUITE 100
RIVERSIDE, CA 92507
951-782-0707
rickengineering.com

HED
550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA
(213) 542-4500
WWW.HED.DESIGN

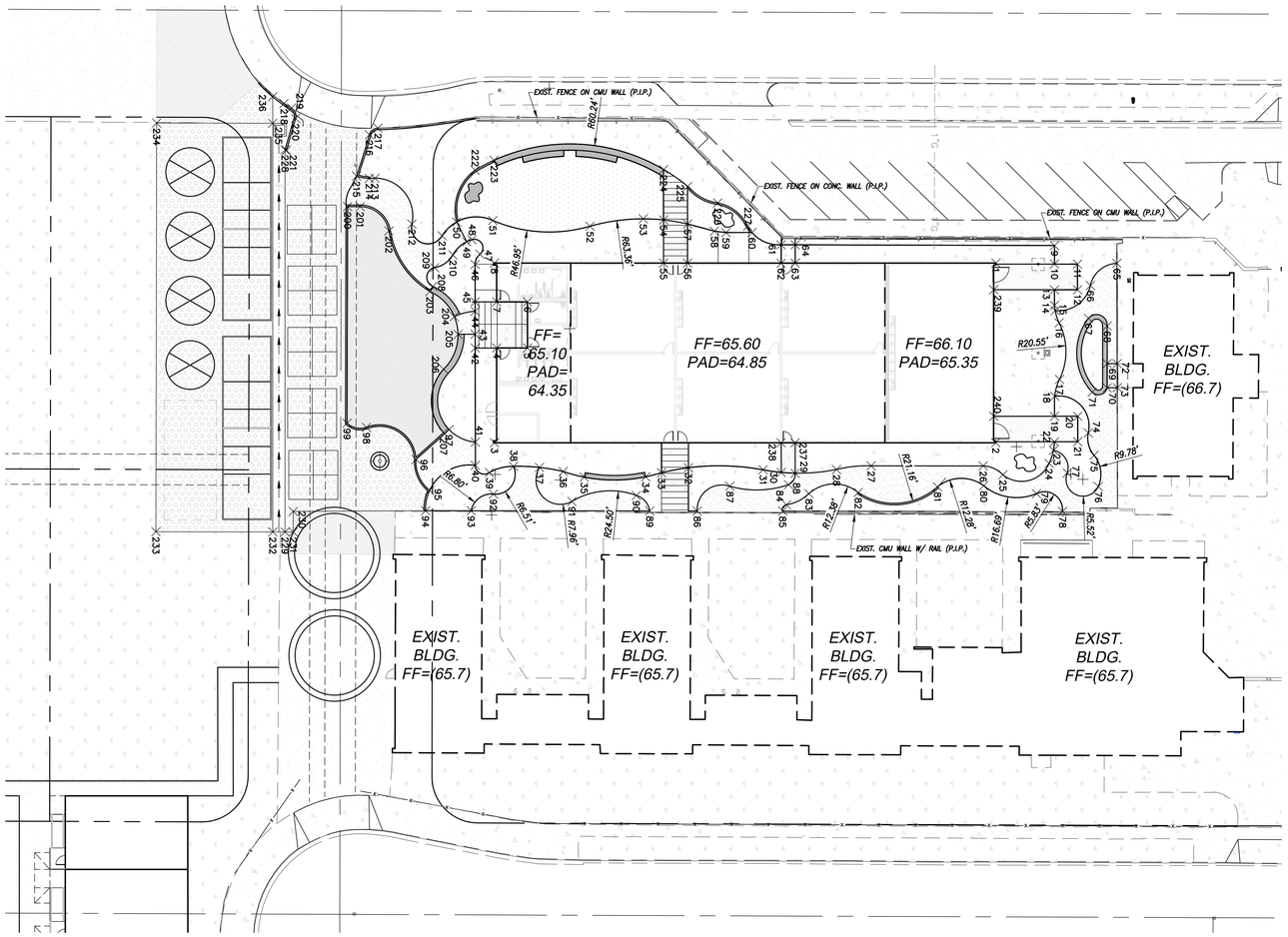
DSA A# 03-124773 FILE # 19-48

REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA — CIVIL

2018-04434-000

DEMOLITION PLAN

C-101



Point Table		
Point #	Northing	Easting
1	1795873.64	6460726.99
2	1795873.60	6460785.63
3	1795709.98	6460785.63
4	1795710.71	6460754.69
5	1795720.79	6460754.69
6	1795720.79	6460739.63
7	1795710.71	6460739.63
8	1795709.98	6460726.99
9	1795892.78	6460721.26
10	1795892.75	6460727.31
11	1795900.26	6460727.34
12	1795900.28	6460735.69
13	1795892.74	6460735.71
14	1795892.75	6460740.78
15	1795892.97	6460742.48
16	1795894.25	6460746.50
17	1795894.41	6460764.94
18	1795892.84	6460770.42
19	1795892.75	6460776.98
20	1795900.34	6460776.97

Point Table		
Point #	Northing	Easting
21	1795900.35	6460785.30
22	1795892.75	6460785.31
23	1795892.41	6460788.13
24	1795890.97	6460792.37
25	1795875.92	6460796.09
26	1795869.49	6460793.19
27	1795832.95	6460793.17
28	1795821.63	6460794.36
29	1795808.13	6460795.63
30	1795803.59	6460795.33
31	1795797.66	6460794.47
32	1795773.30	6460793.78
33	1795764.50	6460795.42
34	1795759.35	6460796.77
35	1795739.28	6460796.87
36	1795732.44	6460795.02
37	1795724.70	6460793.70
38	1795716.23	6460793.35
39	1795708.37	6460795.37
40	1795703.77	6460793.00

Point Table		
Point #	Northing	Easting
41	1795703.77	6460785.42
42	1795703.71	6460754.69
43	1795703.70	6460750.22
44	1795703.71	6460742.75
45	1795703.71	6460739.63
46	1795703.68	6460727.42
47	1795705.30	6460724.10
48	1795702.66	6460719.33
49	1795700.94	6460720.02
50	1795697.67	6460713.57
51	1795709.45	6460713.08
52	1795741.19	6460714.96
53	1795758.54	6460712.54
54	1795765.18	6460712.89
55	1795765.18	6460726.99
56	1795773.00	6460726.99
57	1795773.00	6460714.22
58	1795781.76	6460716.55
59	1795785.54	6460717.04
60	1795794.05	6460717.00

Point Table		
Point #	Northing	Easting
61	1795803.56	6460721.01
62	1795803.55	6460727.04
63	1795808.13	6460726.99
64	1795808.15	6460721.01
65	1795913.12	6460727.07
66	1795904.47	6460734.30
67	1795903.84	6460745.03
68	1795909.96	6460747.52
69	1795909.96	6460759.79
70	1795909.93	6460767.68
71	1795905.09	6460769.14
72	1795913.21	6460759.80
73	1795913.23	6460767.64
74	1795903.78	6460782.42
75	1795905.67	6460789.72
76	1795907.05	6460799.92
77	1795896.94	6460795.50
78	1795895.39	6460808.06
79	1795886.88	6460802.27
80	1795869.66	6460799.68

Point Table		
Point #	Northing	Easting
81	1795854.58	6460800.04
82	1795828.71	6460801.87
83	1795812.62	6460802.25
84	1795805.32	6460805.88
85	1795804.04	6460807.94
86	1795776.15	6460807.91
87	1795786.81	6460799.82
88	1795805.94	6460799.31
89	1795760.68	6460807.88
90	1795756.30	6460802.86
91	1795735.30	6460804.80
92	1795709.66	6460802.39
93	1795702.41	6460807.83
94	1795687.51	6460807.82
95	1795688.86	6460801.20
96	1795684.40	6460791.06
97	1795695.18	6460781.31
98	1795668.23	6460780.62
99	1795661.89	6460779.26
200	1795662.06	6460708.56

Point Table		
Point #	Northing	Easting
201	1795666.18	6460708.56
202	1795675.55	6460716.45
203	1795688.90	6460736.27
204	1795696.89	6460744.45
205	1795698.11	6460750.26
206	1795693.42	6460761.63
207	1795693.38	6460782.34
208	1795689.90	6460734.61
209	1795690.46	6460728.48
210	1795696.46	6460724.32
211	1795692.93	6460718.07
212	1795683.07	6460714.23
213	1795671.01	6460699.28
214	1795669.15	6460699.35
215	1795664.98	6460698.55
216	1795669.18	6460685.11
217	1795672.00	6460682.93
218	1795641.33	6460674.90
219	1795643.76	6460676.37
220	1795645.10	6460679.76

Point Table		
Point #	Northing	Easting
221	1795642.14	6460690.15
222	1795703.69	6460696.68
223	1795709.89	6460693.43
224	1795765.18	6460696.44
225	1795773.00	6460701.98
226	1795782.85	6460707.34
227	1795792.65	6460714.91
228	1795641.65	6460690.01
229	1795641.65	6460814.74
230	1795644.31	6460808.06
231	1795644.35	6460814.74
232	1795637.65	6460814.73
233	1795599.52	6460814.67
234	1795599.74	6460681.25
235	1795637.61	6460681.36
236	1795637.65	6460672.65
237	1795808.13	6460785.62
238	1795803.56	6460785.63
239	1795872.91	6460735.69
240	1795872.96	6460777.01

20 0 20 40

SCALE 1" = 20'

INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S Inglewood Ave, Inglewood, CA 90301

BENNETT-KEW K-8 CAMPUS MODERNIZATION

11710 S Cherry Ave, Inglewood, CA 90303

Date	Issued For
1 11/5/2024	DSA SUBMITTAL

RICK

1770 IOWA AVENUE, SUITE 100
RIVERSIDE, CA 92507

951-782-0707
rickengineering.com

SAN DIEGO ORANGE RIVERSIDE SACRAMENTO
SAN LUIS OBISPO SANTA CLARITA PHOENIX
TUCSON LAS VEGAS DENVER

HED

550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA

(213) 542-4500

WWW.HED.DESIGN

DSA A# 03-124773 FILE # 19-48

REGISTERED PROFESSIONAL ENGINEER
MATTHEW D. RICKEN
No. 82317
Exp. 6/30/25
CIVIL
STATE OF CALIFORNIA

2018-04434-000

HORIZONTAL CONTROL PLAN

C-201

SOUTH CHERRY AVENUE

SOUTH DEHN AVENUE

EXIST. FENCE ON CMU WALL (P.I.P.)

EXIST. FENCE ON CONC. WALL (P.I.P.)

EXIST. FENCE ON CMU WALL (P.I.P.)

EXIST. COLUMN (P.I.P.-TYP.)

EXIST. PCC PAVING (P.I.P.)

EXIST. CMU WALL W/ RAIL (P.I.P.)

EXIST. CMU WALL (P.I.P.)

EXIST. AC PAVING (P.I.P.)

EXIST. LDSCP (P.I.P.)

EXIST. LDSCP (P.I.P.)

FF=65.60
PAD=64.85

FF=66.10
PAD=65.35

FF=
65.10
PAD=
64.35

EXIST.
BLDG.
FF=(66.7)

EXIST.
BLDG.
FF=(65.7)

EXIST.
BLDG.
FF=(65.7)

EXIST.
BLDG.
FF=(65.7)

EXIST.
BLDG.
FF=(65.7)

CONSTRUCTION NOTES

1	CONSTRUCT MIN. 3" AC OVER 4" CL II AB PER SOIL ENGINEERS REPORT
2	CONSTRUCT 4" PCC PAVING PER DETAIL "A" ON SHEET C-401
3	CONSTRUCT PCC MOW CURB PER DETAIL "B" ON SHEET C-401
4	CONSTRUCT SEATWALL PER DETAIL "C" ON SHEET C-401
5	ARTIFICIAL TURF PER LANDSCAPE ARCHITECT'S PLANS
6	LANDSCAPING PER LANDSCAPE ARCHITECT'S PLANS
7	CONSTRUCT VARIABLE HEIGHT TYPE A-1 CURB PER APWA STD. PLAN NO. 120-1
8	CONSTRUCT NEW REDWOOD HEADER
9	NEW RUBBERIZED PLAY SURFACE
10	NEW EDGING PER LANDSCAPE ARCHITECT'S PLANS
11	NEW BALL WALL PER ARCHITECTURAL PLANS
12	NEW PLAYGROUND STRIPING ARCHITECTURAL PLANS
13	CONSTRUCT PCC SWALE PER DETAIL "F" ON SHEET C-401
14	CONSTRUCT 0.1' GRIND AND VARIABLE DEPTH AC OVERLAY
15	CONSTRUCT FULL DEPTH AC REPLACEMENT
16	ADJUST TO GRADE
17	TREE WELL PER LANDSCAPE ARCHITECT'S PLANS

10 0 10 20

SCALE 1" =10'

INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S Inglewood Ave, Inglewood, CA 90301

BENNETT-KEW K-8 CAMPUS MODERNIZATION

11710 S Cherry Ave, Inglewood, CA 90303

Date	Issued For
1 11/5/2024	DSA SUBMITTAL

RICK

1770 IOWA AVENUE, SUITE 100
RIVERSIDE, CA 92507

951-782-0707
rickengineering.com

SAN DIEGO ORANGE RIVERSIDE SACRAMENTO
SAN LUIS OBISPO SANTA CLARITA PHOENIX
TUCSON LAS VEGAS DENVER

HED

550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA

(213) 542-4500

WWW.HED.DESIGN

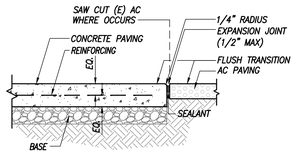
DSA A# 03-124773 FILE # 19-48

REGISTERED PROFESSIONAL ENGINEER
WILLIAM C. RICK
No. C53114
Exp. 6/30/25
CIVIL
STATE OF CALIFORNIA

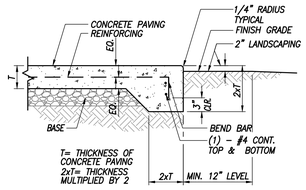
2018-04434-000

CONCEPTUAL GRADING PLAN

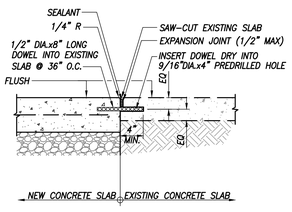
C-301



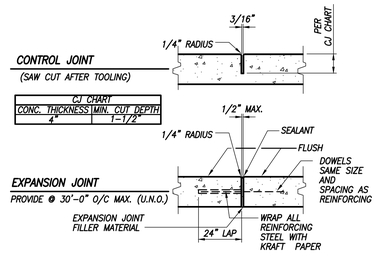
A.1 CONC. EDGE @ PAVING
NTS



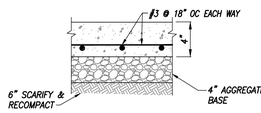
A.2 CONC. EDGE @ PLANTING
NTS



A.3 EXISTING CONC. JOIN
NTS



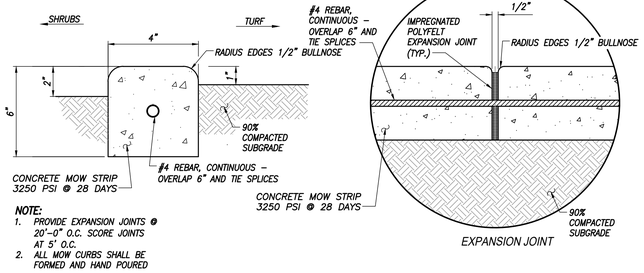
A.4 TYP. CONC. JOINTS
SEE ARCH FOR LOCATIONS
NTS



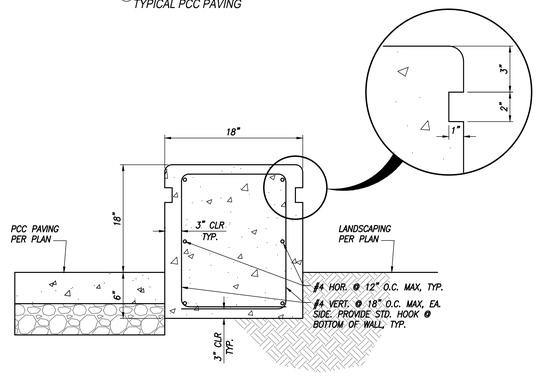
A.5 TYP. SLAB ON GRADE SECTION
NTS

1. CONCRETE SHALL BE 560-C-3250 (fc @ 28 DAYS 3,250 psi)
2. EXPANSION JOINTS SHALL BE MADE AT B.C. & E.C. OF RETURNS AND AT UNIFORM INTERVALS.
3. CONTROL JOINT SHALL BE CONSTRUCTED AT EQUAL SPACING BETWEEN EXPANSION JOINTS IN WALKS & GUTTERS.
4. CONTROL JOINTS IN SIDEWALK SHALL BE CONSTRUCTED WITH DEEP GROOVING TOOL. MINIMUM 1" DEEP.
5. CONTROL JOINT & EXPANSION JOINT LOCATIONS SHALL BE PER THE ARCHITECTURAL PLANS

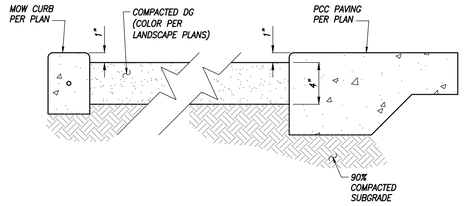
2 DETAIL "A"
TYPICAL PCC PAVING



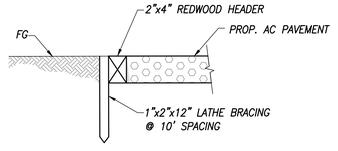
3 DETAIL "B"
MOW CURB
NTS



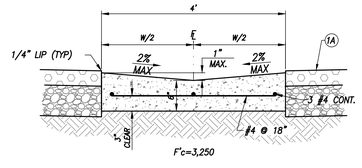
4 DETAIL "C"
SEATWALL
NTS



5 DETAIL "D"
DECOMPOSED GRANITE SURFACE
NTS



11 DETAIL "E"
REDWOOD HEADER
NTS



13 DETAIL "F"
4' PCC SWALE
NTS

CONSTRUCTION NOTES

1	CONSTRUCT MIN. 3" AC OVER 4" CL II AB PER SOIL ENGINEERS REPORT
2	CONSTRUCT 4" PCC PAVING PER DETAIL "A" ON SHEET C-104
3	CONSTRUCT PCC MOW CURB PER DETAIL "B" ON SHEET C-104
4	CONSTRUCT SEATWALL PER DETAIL "C" ON SHEET C-104
5	CONSTRUCT DECOMPOSED GRANITE SURFACE PER DETAIL "D" ON SHEET C-104
6	LANDSCAPING PER LANDSCAPE ARCHITECT'S PLANS
7	CONSTRUCT VARIABLE HEIGHT TYPE A-1 CURB PER APWA STD. PLAN NO. 120-1
8	CONSTRUCT NEW REDWOOD HEADER
9	NEW RUBBERIZED PLAY SURFACE
10	NEW EDGING PER LANDSCAPE ARCHITECT'S PLANS
11	NEW BALL WALL PER ARCHITECTURAL PLANS
12	NEW PLAYGROUND STRIPING ARCHITECTURAL PLANS
13	CONSTRUCT PCC SWALE PER DETAIL "F" ON SHEET C-104
14	CONSTRUCT 0.1' GRIND AND VARIABLE DEPTH AC OVERLAY
15	CONSTRUCT FULL DEPTH AC REPLACEMENT
16	ADJUST TO GRADE

INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S Inglewood Ave, Inglewood, CA 90301

BENNETT-KEW K-8 CAMPUS MODERNIZATION

11710 S Cherry Ave, Inglewood, CA 90303

Date	Issued For
1 11/5/2024	DSA SUBMITTAL

RICK
1770 IOWA AVENUE, SUITE 100
RIVERSIDE, CA 92507
951-782-0707
rickengineering.com
SAN DIEGO ORANGE RIVERSIDE SACRAMENTO SAN LUIS OBISPO SANTA CLARITA PHOENIX TUCSON LAS VEGAS DENVER

HED
550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA
(213) 542-4500
WWW.HED.DESIGN

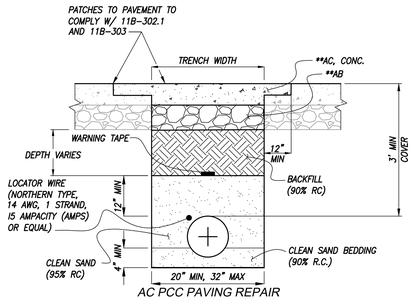
DSA A# 03-124773 FILE # 19-48

REGISTERED PROFESSIONAL ENGINEER WILLIAM D. BRICK No. C31174 Exp. 6/30/25 CIVIL STATE OF CALIFORNIA

2018-04434-000

DETAIL SHEET

C-401

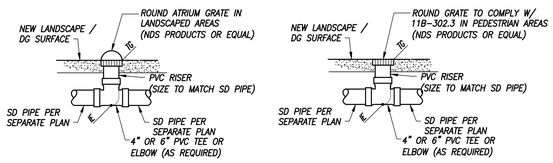


AC PCC PAVING REPAIR

TRENCH DETAIL "A"

20A 20B 20C 20D 30 40

NTS

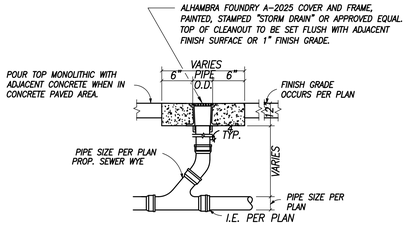


DETAIL "B"

21A 21B

AREA DRAIN

NTS

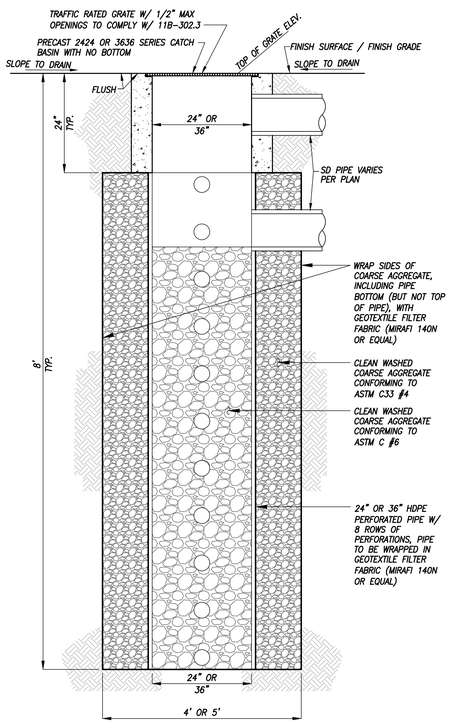


DETAIL "C"

26

STORM DRAIN CLEANOUT

NTS

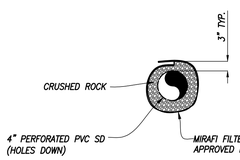


DETAIL "D"

25 28

CATCHBASIN W/ DRYWELL

NTS

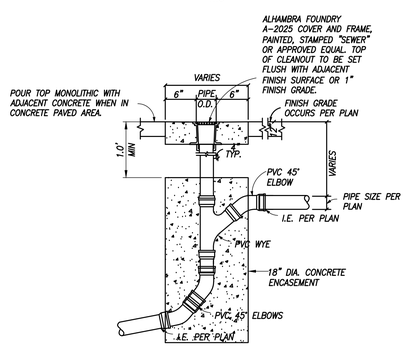


DETAIL "F"

20C

PERFORATED PIPE

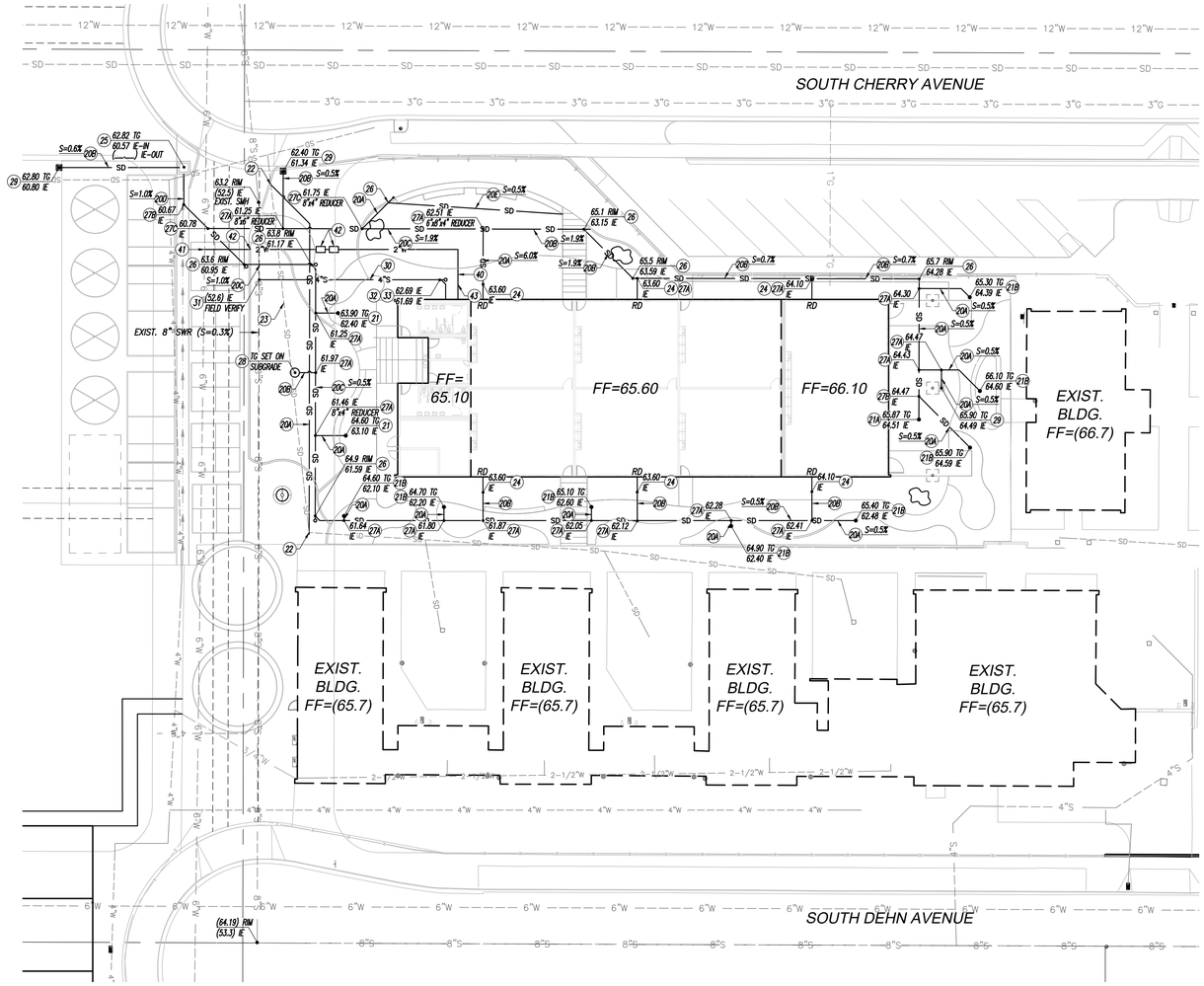
NTS



DETAIL "E"

SEWER (DROP) CLEANOUT

NTS



CONSTRUCTION NOTES - STORM DRAIN

20A	CONSTRUCT 4" PVC (SDR 35) STORM DRAIN @ MINIMUM 0.5% SLOPE
20B	CONSTRUCT 6" PVC (SDR 35) STORM DRAIN @ MINIMUM 0.5% SLOPE
20C	CONSTRUCT 8" PVC (SDR 35) STORM DRAIN @ MINIMUM 0.5% SLOPE
20D	CONSTRUCT 10" PVC (SDR 35) STORM DRAIN @ MINIMUM 0.5% SLOPE
20E	CONSTRUCT 4" PVC (SDR 35) PERFORATED STORM DRAIN
21A	CONSTRUCT MIN. 4" AREA DRAIN W/ HEEL-PROOF GRATE
21B	CONSTRUCT MIN. 4" AREA DRAIN W/ ATRIUM GRATE
22	CONNECT NEW STORM DRAIN TO EXISTING STORM DRAIN
23	REMOVE INTERFERING PORTIONS OF EXISTING STORM DRAIN
24	CONNECT NEW STORM DRAIN TO BUILDING ROOF DRAIN
25	REPLACE EXISTING CATCH BASIN W/ 36"x36" NEW CATCH BASIN W/ DRYWELL
26	CONSTRUCT NEW STORM DRAIN CLEANOUT
27A	CONSTRUCT NEW PVC STORM DRAIN TEE
27B	CONSTRUCT NEW PVC STORM DRAIN ELBOW
27C	CONSTRUCT NEW PVC STORM DRAIN WYE
28	CONSTRUCT NEW 24"X24" CATCH BASIN W/ DRYWELL BELOW RUBBERIZED PLAY SURFACE
29	CONSTRUCT NEW 12"X12" CATCH BASIN

CONSTRUCTION NOTES - SEWER

30	CONSTRUCT MIN. 4" PVC (SDR 35) SEWER @ MINIMUM 2% SLOPE
31	CONNECT NEW SEWER TO EXISTING CITY SEWER (CITY PERMIT REQUIRED)
32	CONSTRUCT NEW SEWER DROP CLEANOUT
33	CONNECT NEW SEWER TO BUILDING POINT OF CONNECTION

CONSTRUCTION NOTES - WATER

40	CONSTRUCT MIN. 2" PVC (SCH 40) WATER
41	CONNECT NEW WATER TO EXISTING CITY WATER (CITY PERMIT REQUIRED)
42	CONSTRUCT NEW 2" WATER METER W/ BACKFLOW & SERVICE (CITY PERMIT REQUIRED)
43	CONNECT NEW WATER TO BUILDING POINT OF CONNECTION

COMPOSITE UTILITY PLAN

1"=20'

INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S Inglewood Ave, Inglewood, CA 90301

BENNETT-KEW K-8 CAMPUS MODERNIZATION

11710 S Cherry Ave, Inglewood, CA 90303

Date	Issued For
1 11/5/2024	DSA SUBMITTAL

RICK
1770 IOWA AVENUE, SUITE 100
RIVERSIDE, CA 92507
951-782-0707
rickengineering.com
SAN DIEGO ORANGE RIVERSIDE SACRAMENTO SAN LUIS OBISPO SANTA CLARITA PHOENIX TUCSON LAS VEGAS DENVER

HED
550 South Hope Street
Suite 2500
Los Angeles, California
90071 USA
(213) 542-4500
WWW.HED.DESIGN

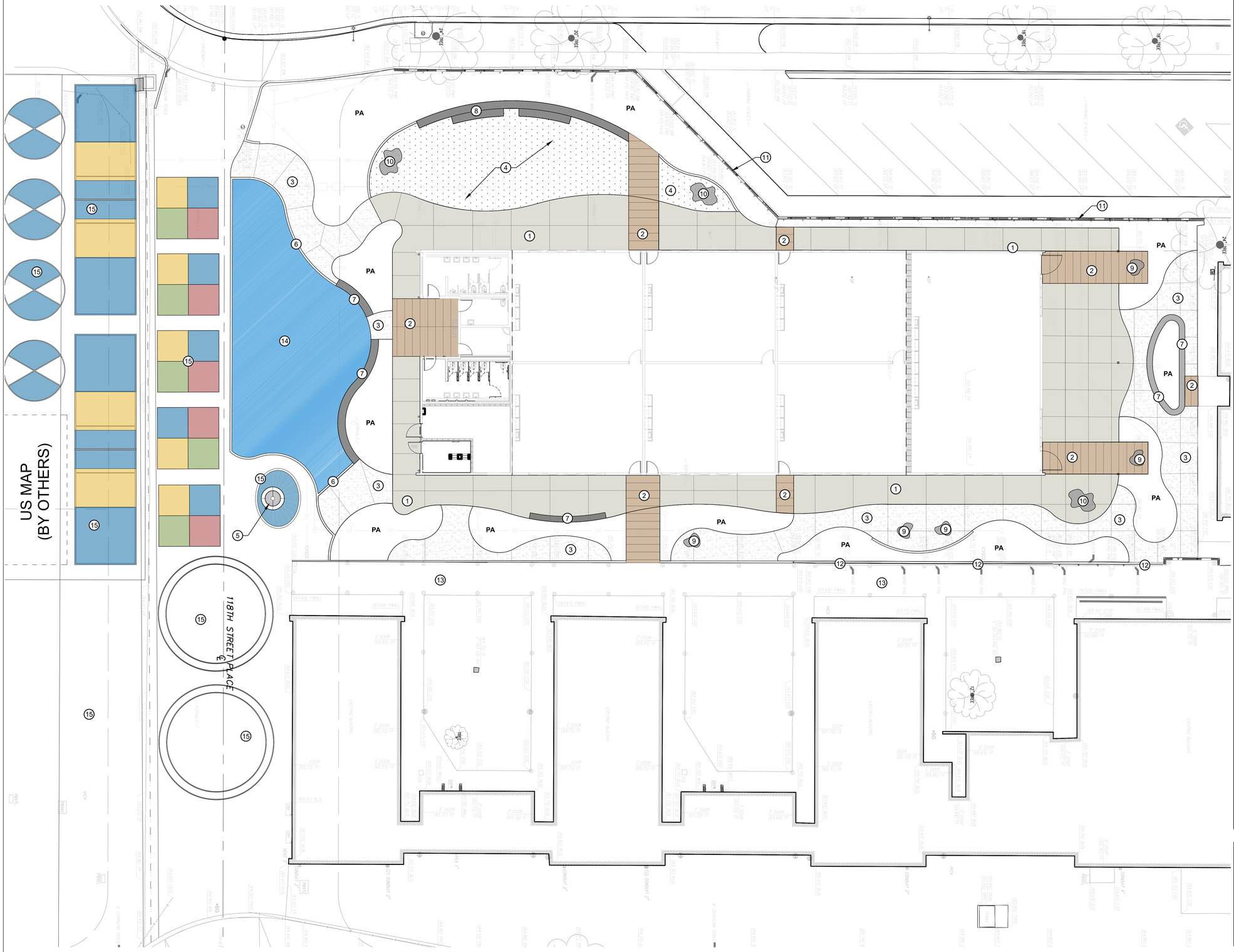
DSA A# 03-124773 FILE # 19-48

REGISTERED PROFESSIONAL ENGINEER DAVID D. TRAN No. C93114 Exp. 6/30/25 CIVIL STATE OF CALIFORNIA

2018-04434-000

COMPOSITE UTILITY PLAN

C-501



LEGEND

1. STANDARD CONCRETE PAVING (TYPE 1)
SAWCUT JOINTS PER PLAN
COLOR: NATURAL GREY
FINISH: MEDIUM BROOM

2. COLORED CONCRETE PAVING (TYPE 2)
SAWCUT JOINTS PER PLAN
COLOR: INCRETE 'SUN BUFF' 840
FINISH: TOPCAST #05

3. EXPOSED AGGREGATE CONCRETE PAVING (TYPE 3)
SAWCUT JOINTS PER PLAN
COLOR: NATURAL
FINISH: TOPCAST #50

4. SYNTHETIC TURF
MFR: FOREVER LAWN PLAYGROUND GRASS
SEE SHEET L-201 FOR MANUF. DETAIL

5. TREE GRATE WITH 12" CONCRETE COLLAR
URBAN ACCESSORIES 5' ROUND RAINBOW ADA IRON, RUST CONDITIONER WITH TYPE R FRAME OR APPROVED EQUAL, TOTAL OF ONE (1)
INSTALL PER MANUFACTURER'S RECOMMENDATIONS

6. 6" WIDE CONCRETE LANDSCAPE EDGE (TYPICAL)
JOINTS AT 10' O.C.
COLOR: NATURAL GREY
FINISH: MEDIUM BROOM
REFER TO DETAIL H ON SHEET L-402

7. 18" HIGH CONCRETE SEAT WALL
COLOR: NATURAL GREY
FINISH: LIGHT SAND BLAST
1" CHAMFER ALL EXPOSED EDGES
SEE SHEET L-201

8. TIERED 18" HIGH CONCRETE SEAT WALLS
COLOR: NATURAL GREY
A: LIGHT SAND BLAST
1" CHAMFER ALL EXPOSED EDGES

9. MEDIUM CONCRETE SEAT - TOTAL OF 5
MFR: WAUSAU TILE
MODEL #: ZB.F1.02 MEDIUM FIORD SEAT
MATERIAL: CONCRETE
COLOR: A21 BUFF
FINISH: ACID WASH
WEIGHT: 2,140 LBS.
MOUNTING: FREE STANDING
SIZE: 51"L x 43"W x 18"H

10. LARGE CONCRETE SEAT - TOTAL OF 3
MFR: WAUSAU TILE
MODEL #: ZB.F1.01 LARGE FIORD SEAT
MATERIAL: CONCRETE
COLOR: A21 BUFF
FINISH: ACID WASH
WEIGHT: 3,825 LBS.
MOUNTING: FREE STANDING
SIZE: 75"L x 52"W x 18"H

11. NEW CHAIN LINK FENCE AND GATE
REFER TO ARCHITECTURAL DRAWINGS

12. EXISTING WALL / GUARDRAIL TO REMAIN& BE PROTECTED

13. EXISTING PAVING TO REMAIN AND PROTECT IN PLACE

14. NEW PLAY EQUIPMENT & RUBBER SURFACING
REFER TO ARCHITECTURAL PLANS

15. SOLAR REFLECTIVE ASPHALT COATING
STREET BOND SB120 SOLAR COATING (FOUR-SQUARE, BALL WALLS, TETHERBALL COURTS, AND SUNDIAL)
REFER TO ARCHITECTURAL PLANS

PA LOW WATER SHRUB PLANTING AREA &/OR STORM WATER BIO-TREATMENT PLANTING AREA - REFER TO PLANTING PLAN

NOTES

REFER TO SHEET L-201 FOR HARDSCAPE DESIGN IMAGERY

REFER TO ARCHITECTURAL AND CIVIL PLANS FOR HARDSCAPE LAYOUT AND DETAILS

REFER TO SHEET L-301 FOR IRRIGATION PLAN

REFER TO SHEET L-401 FOR PLANTING PLAN

INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S Inglewood Ave,
Inglewood, CA 90301

BENNETT-KEW K-8 CAMPUS MODERNIZATION

11710 S Cherry Ave,
Inglewood, CA 90303

Date	Issued For
1 11/5/2024	DSA SUBMITTAL

nuvis
LANDSCAPE ARCHITECTURE
714-754-7311
CA 3943 . NV 1097 I SBE . DBE

Project Number: 19-014.02
DSA A# 03-124773 FILE # 19-48

HED
601 South Figueroa Street
Suite 500
Los Angeles, California
90017 USA

(213) 542-4500

WWW.HED.DESIGN

REGISTERED LANDSCAPE ARCHITECT
R. CARDOZA No. 5643
Signature
DECEMBER 31, 2025
Expiration Date
SEPT. 30, 2024
Date
STATE OF CALIFORNIA

2018-04434-000

SITE HARDSCAPE FINISHES

L-101