Martin Luther King Jr. Community Hospital

MAKE READY - HAWKINS BUILDING DEMOLITION

1720 EAST 120TH STREET
LOS ANGELES, CA 90059

RBB#2211500

BUILDING CRITERIA

BUILDING SUMMARY

OCCUPANCY TYPE:	I-2
OCCUPANCY SEPARATION:	2 HOUR
CONSTRUCTION TYPE:	TYPE IA BC1
SPRINKLER SYSTEM:	FULLY AUTOMATIC FIRE SPRINKLERED
SEISMIC ZONE:	D

PROJECT INFORMATION

REMOVAL OF EXISTING UTILITIES AND SERVICES FROM THE HAWKINS BUILDING BLD-02054 IN ORDER TO REMOVE FROM ACUTE CARE SERVICES (UNDER SEPARATE PERMIT FOR RACS)

- INSTALL CONCRETE PAD FOR DEFERRED APPROVAL PACKAGE UNIT (HVAC) BC1
- INSTALL CHAIN-LINK FENCE +/- 45' LONG X 6' HIGH BC2

DEFERRED APPROVALS

DELEGATED DESIGN - PACKAGE UNIT HVAC AND ANCHORAGE BC2

VICINITY MAP



CONSULTANTS

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LOS ANGELES, CA 90024
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STRUCTURAL
KPFF CONSULTING ENGINEERS
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LOS ANGELES, CA 90017
TEL: (213) 418-0201

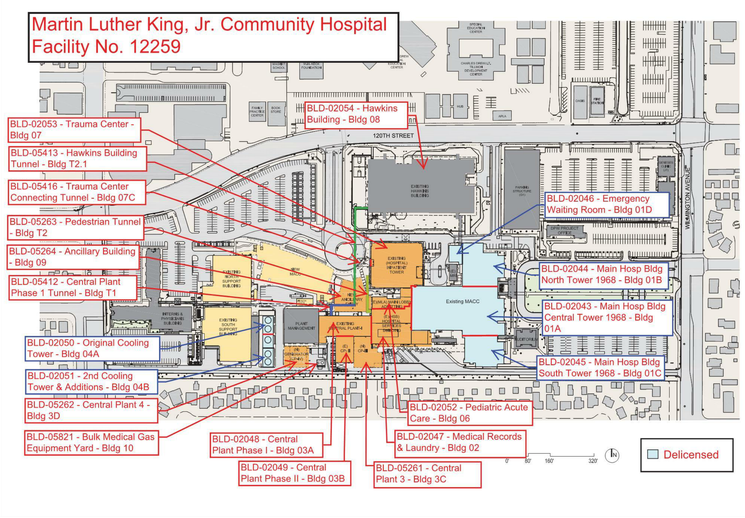
CIVIL BC1
KIMLEY HORN
1100 W. TOWN & COUNTRY ROAD, SUITE 700
ORANGE, CA 92868
TEL: (714) 939-1031

MEP & LV
E2DI
911 SOUTH PRIMROSE AVE, SUITE A
MONROVIA, CA 91016
TEL: (626) 359-7231

COST ESTIMATOR
MGAC
950 SOUTH GRAND AVE, 2ND FLOOR
LOS ANGELES, CA 90015

LEGAL DESCRIPTION

CAMPUS KEY PLAN



SHEET INDEX

2 - Architecture

A010-MR-B	PROJECT INFORMATION, SHEET INDEX
A100-MR-B	CAMPUS PLAN
A200-MR-B	BASEMENT FLOOR PLAN
A201-MR-B	FIRST FLOOR PLAN
A202-MR-B	SECOND FLOOR PLAN
A203-MR-B	THIRD FLOOR PLAN

3 - Structural

S-001-MR-B	ABBREVIATIONS AND SYMBOLS
S-301-MR-B	CONCRETE DETAILS

4 - Mechanical

M000-MR-B	LEGEND, ABBREVIATIONS,AND NOTES
M001-MR-B	PARTIAL SITE PLAN AND DIAGRAM
M100-MR-B	BASEMENT PLAN
M200-MR-B	BRIDGE FLOOR PLAN AND SECTION
M300-MR-B	TITLE 24 CERTIFICATE OF COMPLIANCE
M400-MR-B	TITLE 24 CERTIFICATE OF COMPLIANCE

6 - Electrical

E000-MR-B	ELECTRICAL NOTES
E001-MR-B	CAMPUS SINGLE LINE DIAGRAM
E002-MR-B	HAWKINS BUILDING SINGLELINE DIAGRAM
E100-MR-B	SITE PLAN
E104-MR-B	HAWKINS BUILDING THIRD FLOOR PLAN
E105-MR-B	BHC THIRD FLOOR PLAN

8 - Technology

T101-MR-B	TECHNOLOGY (FOR REFERENCE)

STORM WATER POLLUION CONTROL REQUIREMENTS BC1

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES*

Storm Water Pollution Control Requirements for Construction Activities
Minimum Water Quality Protection Requirements for All Development Construction Projects/Certification Statement

The following is intended as minimum notes or as an attachment for building and grading plans and represent the minimum standards of good housekeeping that must be implemented on all construction sites regardless of size. (Applies to all permits)

- Every effort should be made to eliminate the discharge of non-stormwater from the project site at all times.
- Eroded sediments and other pollutants must be retained on site and may not be transported from the site via sheetflow, swales, area drains, natural drainage courses or wind.
- Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.
- Fuels, oils, solvents and other toxic materials must be stored in accordance with their listing and are not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system.
- Excess or waste concrete may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete wastes on site until they can be disposed of as solid waste.
- Trash and construction related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.
- Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into the public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.
- Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

"I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I am aware that submitting false and/or inaccurate information, failing to update the ESCP to reflect current conditions, or failing to properly and/or adequately implement the ESCP may result in revocation of grading and/or other permits or other sanctions provided by law."

Print Name Gillian Tiede, LA County Public Works
(Owner or authorized agent of the owner)

Signature _____ Date 1/28/25
(Owner or authorized agent of the owner)

*The above Best Management Practices are detailed in the latest edition of the California BMP Handbook or Caltrans Stormwater Quality Handbooks.

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LICENSED ARCHITECT SYLVIA BOTERO C-20224 STATE OF CALIFORNIA 05/31/2025

AGENCY APPROVALS

OSHPD # S241433-19-00

CONSULTANT

ISSUE RECORD

DATE		DESCRIPTION
2/14/2025	BC2	MR-B BC2
12/4/2024	BC1	BACK CHECK 1

Martin Luther King Jr. Community Hospital

Martin Luther King Jr. Community Hospital
MAKE READY - HAWKINS BUILDING DEMOLITION
MAKE READY - B

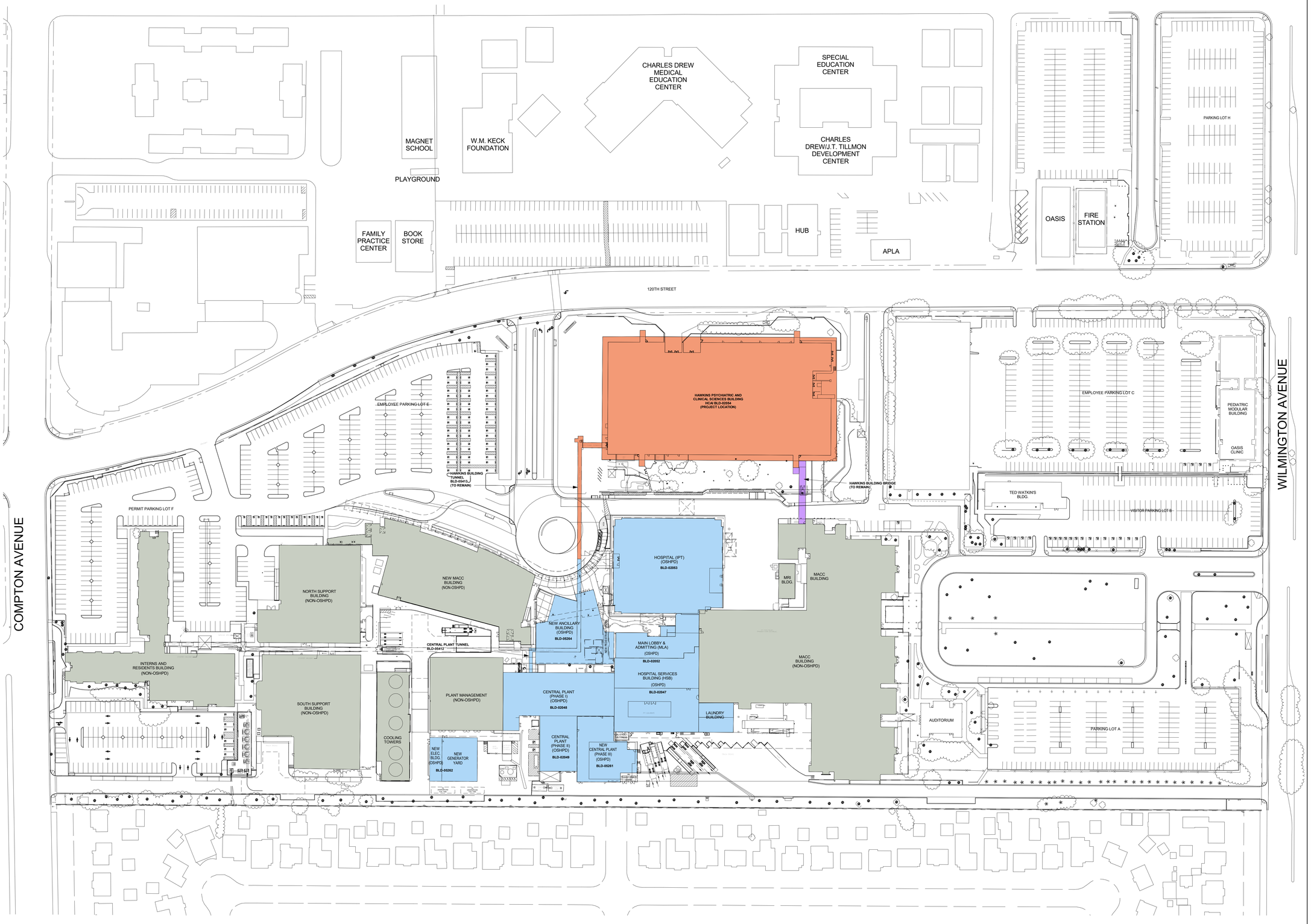
1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE:

DESCRIPTION
PROJECT INFORMATION, SHEET INDEX

A010-MR-B

Print Date: 2/14/2025 3:00:13 PM



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ISSUE RECORD

DATE DESCRIPTION

Martin Luther King, Jr. Community Hospital

Martin Luther King Jr. Community Hospital MAKE READY - HAWKINS BUILDING DEMOLITION MAKE READY - B

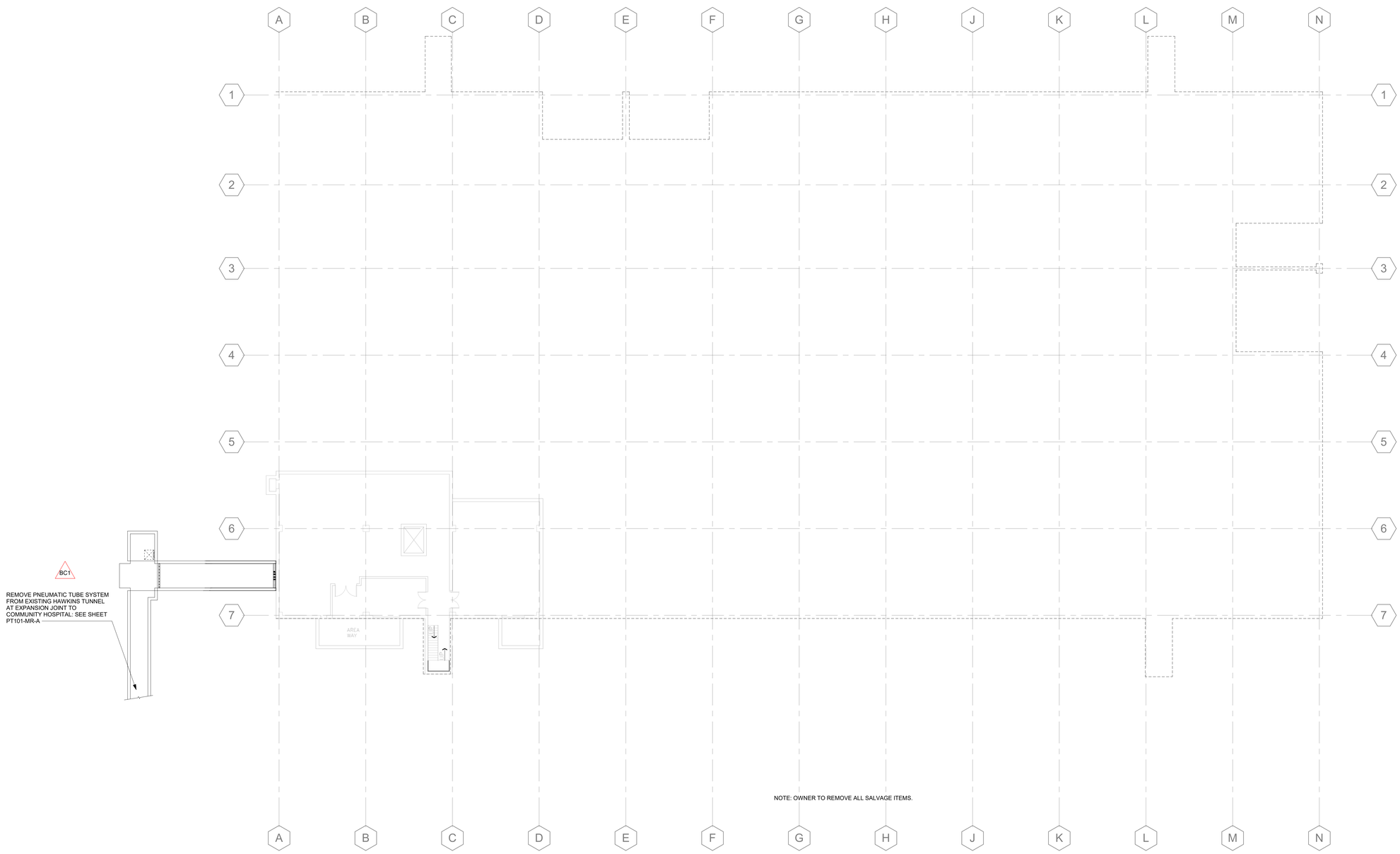
1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: As indicated

DESCRIPTION
CAMPUS PLAN

A100-MR-B

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AGENCY APPROVALS

OSHPD # S241433-19-00

CONSULTANT

ISSUE RECORD

DATE		DESCRIPTION
12/4/2024	BC1	BACK CHECK 1

Martin Luther King, Jr. Community Hospital

Martin Luther King Jr. Community Hospital
MAKE READY - HAWKINS BUILDING DEMOLITION
MAKE READY - B

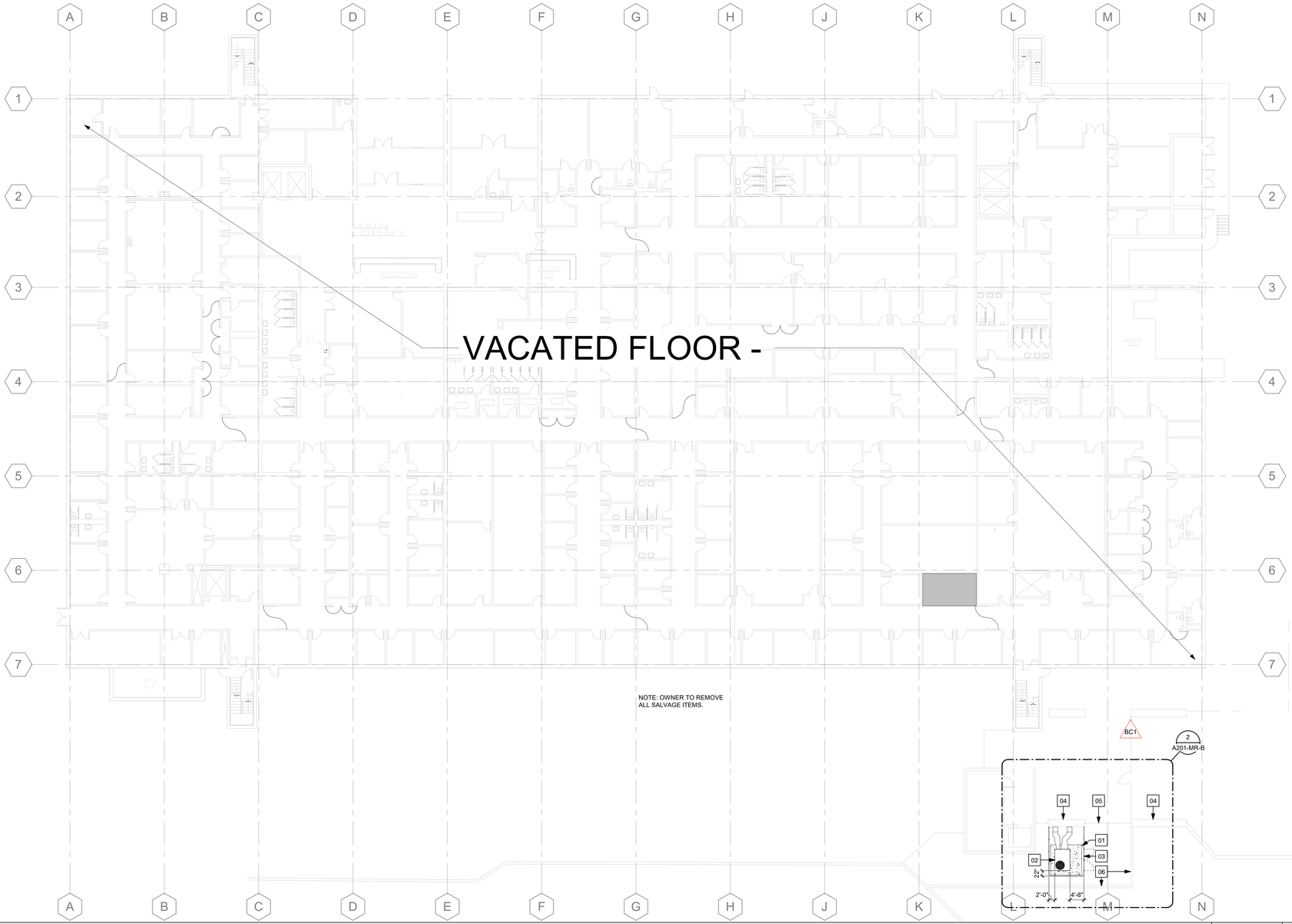
1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: 1/16" = 1'-0"

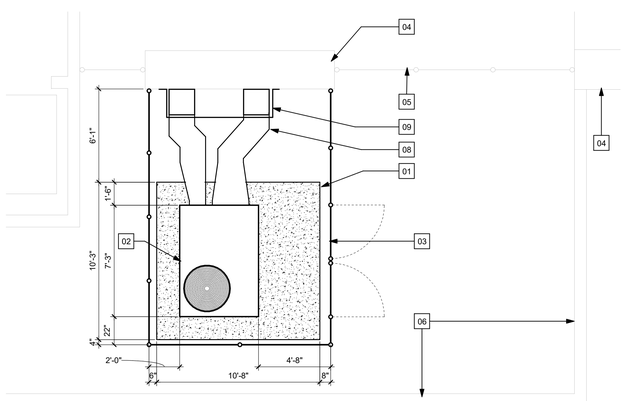
DESCRIPTION
BASEMENT FLOOR PLAN

A200-MR-B

Print Date: 2/14/2025 3:00:16 PM



Level 01 MR-B | 1/16" = 1'-0" | 1



ENLARGED PLAN - HVAC UNIT | 1/4" = 1'-0" | 2

KEYNOTES - FLOOR PLAN

Number	Description
01	(N) CONCRETE PAD, SEE STRUCTURAL
02	(N) PACKAGE UNIT HVAC UNIT ON CONCRETE PAD, SEE MECHANICAL
03	(N) 6'-0" HIGH CHAINLINK FENCE WITH PAIR OF SWING GATES WITH LOCKS
04	(E) CONCRETE COLUMN
05	(E) FENCE WITH GATE
06	(E) CONCRETE RETAINING WALL
07	NOT USED BC1
08	DUCTWORK - SEE MECHANICAL
09	SHEET METAL SHROUD AROUND DUCTWORK UP TO BOTTOM OF BRIDGE

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DATE		DESCRIPTION
12/4/2024	BC1	BACK CHECK 1

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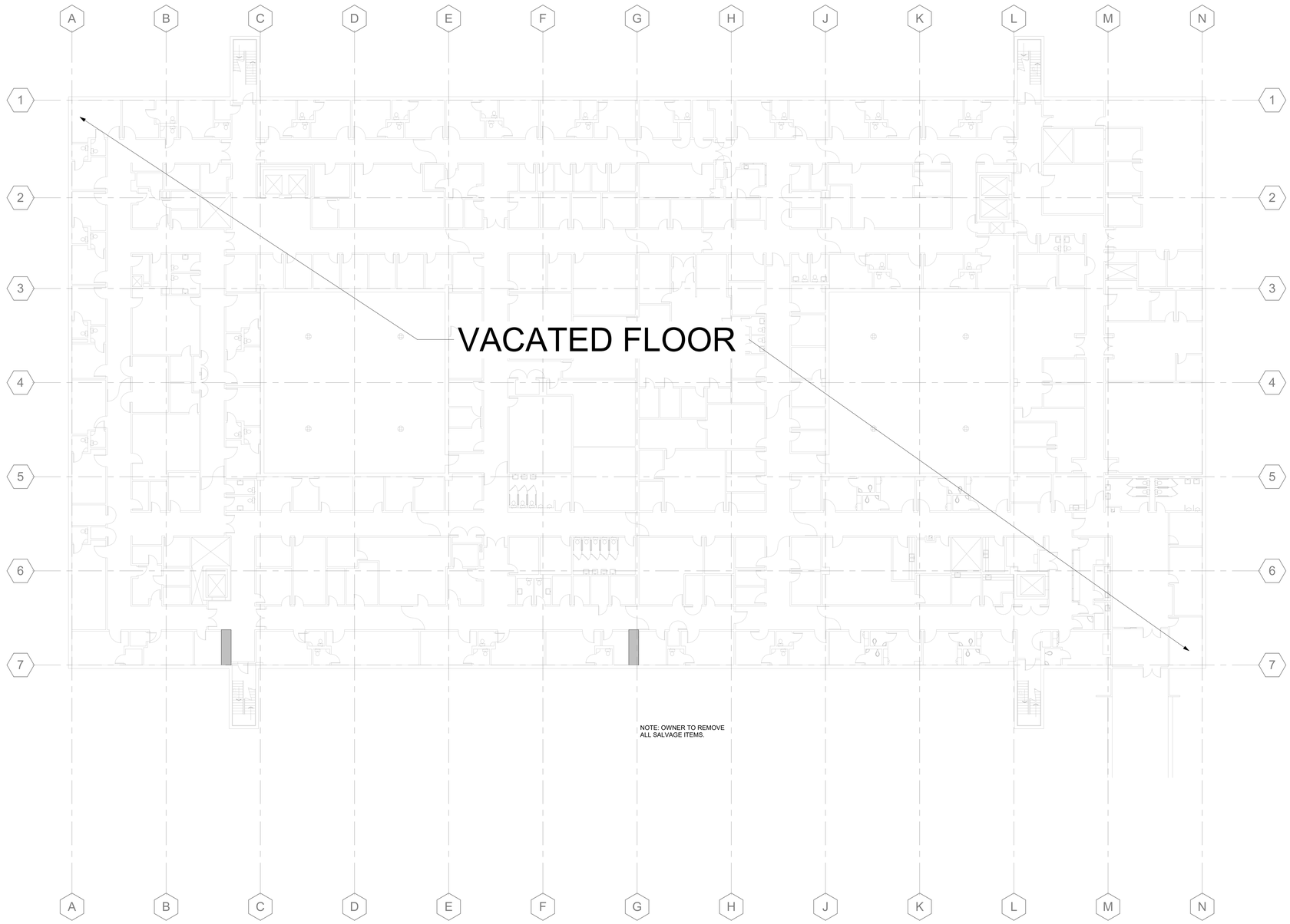
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LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: As indicated

DESCRIPTION
FIRST FLOOR PLAN

A201-MR-B

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05/31/2025
STATE OF CALIFORNIA

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CONSULTANT

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MAKE READY - B

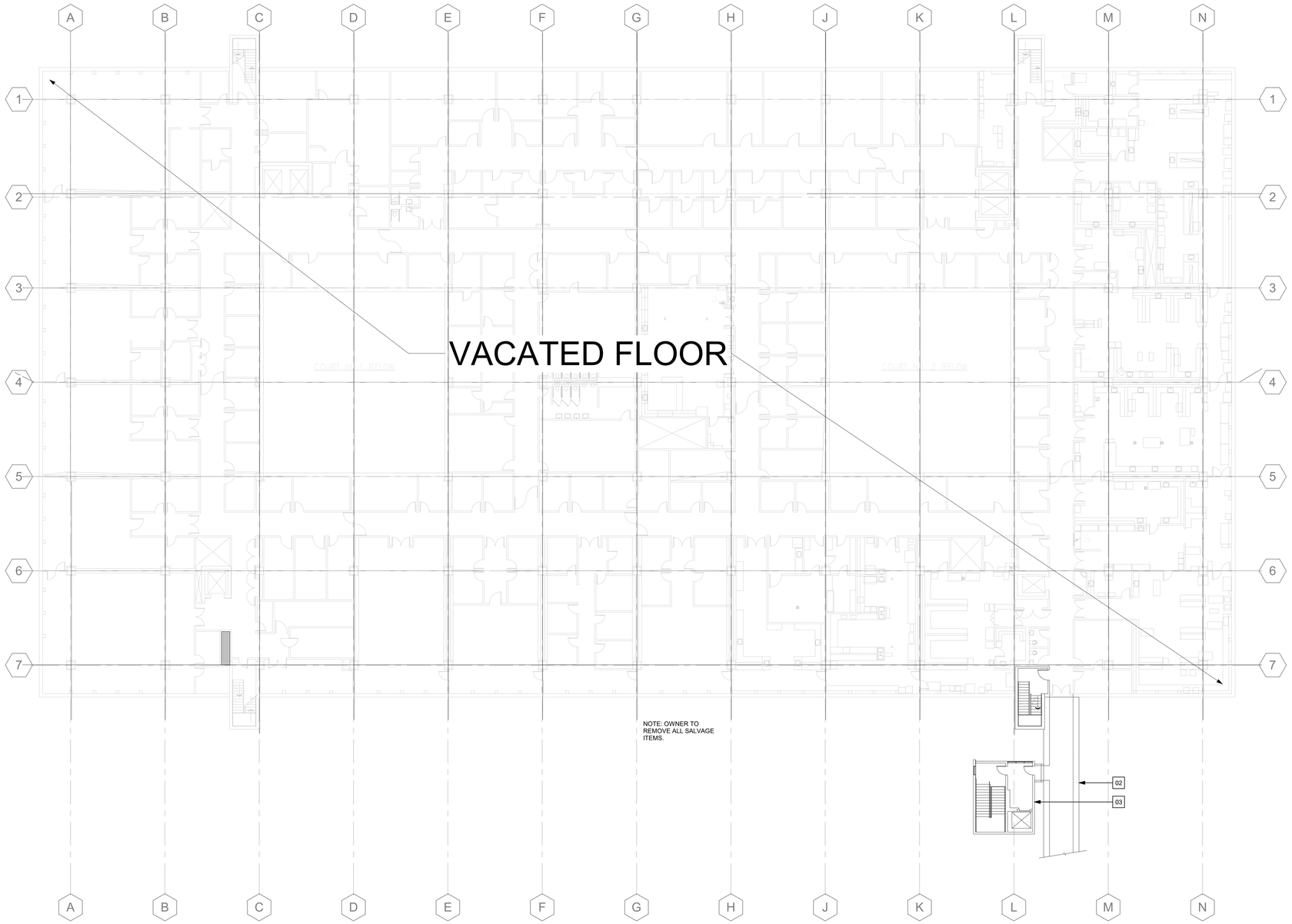
1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: 1/16" = 1'-0"

DESCRIPTION
SECOND FLOOR PLAN

A202-MR-B

Print Date: 2/14/2025 3:00:19 PM



KEYNOTES - FLOOR PLAN

Number	Description
01	NEW WALL: 4" STEEL STUD FRAMED WALL WITH 5/8" GYP. BD. INTERIOR FACE AND STUCCO EXTERIOR OVER METAL LATH, SEE SECTION "A", SHEET A421
02	EXISTING BRIDGE TO REMAIN: RE-FEED LIGHTING AND FIRE SPRINKLERS FROM BHC
03	EXISTING STAIR/ELEVATOR TOWER TO REMAIN

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C-20224
05/31/2025
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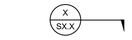
MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: 1/16" = 1'-0"

DESCRIPTION
THIRD FLOOR PLAN

A203-MR-B

Print Date: 2/14/2025 3:00:20 PM

SYMBOLS



SECTION REFERENCE BUBBLE



DETAIL REFERENCE BUBBLE WITH ARROW



DETAIL REFERENCE BUBBLE



FULL HEIGHT SECTION INDICATOR



BUILDING SECTION INDICATOR



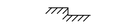
ELEVATION OF WALL OR FRAME



NORTH ARROW

SLOPE

EARTH LAYER


STEPPED SURFACE; FLOOR DEPRESSION


SLOPED SURFACE


INDICATES SAND OR GROUT


INDICATES GRAVEL

WELDED WIRE FABRIC (WWF LAYER)


STEEL TUBE COLUMN


STEEL PIPE COLUMN


WIDE FLANGE STEEL COLUMN

MEMBER SPLICE


STEEL IN CROSS SECTION

DIRECTION OF SPAN

ABBREVIATIONS

LAB	LABORATORY
LB(S) OR #	POUND(S)
LF	LINEAL FOOT
LIN	LINEAL; LINEAR
LLBB	LONG LEGS BACK-TO-BACK
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LOW POINT
LSL	LONG SLOTTED HOLES
LT WT	LIGHTWEIGHT
LVL	LEVEL
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MC	MISCELLANEOUS CHANNEL SHAPE
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM; MINUTE
MISC	MISCELLANEOUS
(N)	NEW
N	NORTH
NF	NEAR FACE
NIC	NOT IN CONTRACT
NORM	NORMAL
NO or #	NUMBER
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
ORIG	ORIGINAL
OSB	ORIENTED STRAND BOARD
PARA OR //	PARALLEL
PC	PRECAST; PIECE
PERP	PERPINDICULAR
PI	PLYWOOD INDEX
PL	PLATE
℄	PROPERTY LINE
PLF	POUNDS PER LINEAL FOOT
PLCS	PLACES-
PLY	PLYWOOD
PROP	PROPERTY
PT	POST TENSIONED
PW	PLATE WASHER
PJP	PARTIAL JOINT PENETRATION WELD
PREFAB	PREFABRICATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
#	POUND; NUMBER
REF	REFERENCE
REINF	REINFORCE; REINFORCING
REQD	REQUIRED
RF	ROOF
Ø	DIAMETER
SCHED	SCHEDULE
SECT	SECTION
SEP	SEPERATION
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SLBB	SHORT LEGS BACK-TO-BACK
SOG	SLAB ON GRADE
SPCG	SPACING
SPECS	SPECIFICATIONS
SPCL	SPECIAL
SQ	SQUARE
SS	SELECT STRUCTURAL
SSL	SHORT SLOTTED HOLES
STAGG	STAGGER
STD	STANDARD
STIFF	STIFFENERS
STIRR	STIRRUP
STL	STEEL
STRUCT	STRUCTURAL
STRUCT I	STRUCTURAL I
SW	SHEAR WALL
SYM	SYMMETRICAL
TB	TIE BEAM
T & B	TOP AND BOTTOM
T & G	TONGUE & GROOVE
TOC	TOP OF CURB; TOP OF CONCRETE
TOF	TOP OF FOOTING
TEMP	TEMPERATURE; TEMPORARY
THRU	THROUGH
THK	THICKNESS/THICK
THR	THREADED
TOP or T	TOP
TOS	TOP OF STEEL/TOP OF SLAB
TOW	TOP OF WALL
TSG	TAPERED STEEL GIRDER
TYP	TYPICAL
UBC	UNIFORM BUILDING CODE
UNO	UNLESS NOTED OTHERWISE
UT	ULTRA-SONIC TEST
VERT	VERTICAL
VSH	VERTICAL SLOTTED HOLES
W/	WITH
W/O	WITHOUT
WD	WOOD
WP	WORK POINT; WATERPROOF
WT	WEIGHT
WWF	WELDED WIRE FABRIC

STRUCTURAL STEEL SHAPES

Wx	W SHAPE
Cx	AMERICAN STD CHANNEL SHAPE
MC	MISC CHANNEL SHAPE
Lx	ANGLE SHAPE
WT, ST, MT	STRUCT TEE SHAPE
PIPE	STANDARD PIPE SHAPE
PIPE-X	EXTRA STRONG PIPE SHAPE
PIPE-XX	DBL EXTRA STRONG PIPE SHAPE
HSS	STRUCT TUBING SHAPE

AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
ADDL	ADDITIONAL
ADJ	ADJACENT
AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AGGR	AGGREGATE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ALUM	ALUMINUM
ANCH	ANCHOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
APPVD	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL; ARCHITECT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWPA	AMERICAN WOOD PRESERVERS ASSOCIATION
AWS	AMERICAN WELDING SOCIETY
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
&	AND
@	AT
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BN	BOUNDARY NAIL
BNDRY	BOUNDARY
BOT OR B	BOTTOM
BRC	BRACE
BRG	BEARING
BT	BENT
BTWN	BETWEEN
CANT	CANTILEVER
CAM OR C	CAMBER
CC	CENTER TO CENTER
CG	CENTER OF GRAVITY
CIP	CAST-IN-PLACE
CJ	CONSTRUCTION JOINT; CONTROL JOINT
CL	CENTER LINE
CLR	CLEARANCE; CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMP	COMPRESSION
CONC	CONCRETE
CONN	CONNECTION; CONNECT
CONSTR	CONSTRUCTION
CONT	CONTINUE; CONTINUOUS
CONTR	CONTRACTOR
CJP	COMPLETE JOINT PENETRATION WELD
CTR	CENTER
CTSK	COUNTERSINK; COUNTERSUNK
CU FT	CUBIC FOOT
d	PENNY (NAIL OR BAR DIA)
DBL	DOUBLE
DEPT	DEPARTMENT
DET	DETAIL
DF	DOUGLAS FIR/LARCH
DIA OR ø	DIAMETER
DIAG	DIAGONAL
DIAPH	DIAPHRAGM
DIM	DIMENSION
DN	DOWN
DO	DITTO (REPEAT)
DWG	DRAWING
DWL	DOWEL
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMBED	EMBEDMENT
EN	EDGE NAIL
ENGR	ENGINEER
EQ	EQUAL OR EQUIVALENT
EQUIP	EQUIPMENT
ES	EACH SIDE
ETC	ET CETERA
EW	EACH WAY
EXIST or (E)	EXISTING
EXT	EXTERIOR
FDN	FOUNDATION
FF	FAR FACE
FF	FINISHED FLOOR
FIN	FINISH
FJ	FLOOR JOIST
FL	FLOOR LINE
FLG	FLANGE
FLR	FLOOR
FN	FIELD NAIL
FOC	FACE OF CONCRETE
FOM	FACE OF MASONARY
FOS	FACE OF STUD
FOW	FACE OF WALL
FP	FULL PENETRATION; FIRE PROOFING
FRMG	FRAMING
FS	FULL SIZE; FAR SIDE
FT	FOOT; FEET
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GB	GRADE BEAM
GLB	GLUED LAMINATED BEAM
GR	GRADE
GRND	GROUND
H or HORIZ	HORIZONTAL
HDR	HEADER
HGR	HANGER
HOSP	HOSPITAL
HP	HIGH POINT
HS	HIGH STRENGTH
HSH	HORIZONTALLY SLOTTED HOLES
HT	HEIGHT
HR	HARD ROCK
ID	INSIDE DIAMETER
IF	INSIDE FACE
I-JST	I-JOIST
IN	INCH
INCL	INCLUDE
INFO	INFORMATION
INSP	INSPECTION
INT	INTERIOR
JST	JOIST
JT	JOINT
K	KIPS
KSI	KIPS PER SQUARE INCH

SHEET LIST

SHEET NUMBER	SHEET NAME
S-001-MR-B	ABBREVIATIONS AND SYMBOLS
S-101-MR-B	GENERAL NOTES
S-301-MR-B	CONCRETE DETAILS

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REGISTERED PROFESSIONAL ENGINEER RAMEL S SODALI No. 33559 STRUCTURAL STATE OF CALIFORNIA

LICENSED ARCHITECT SYLVIA BOTERO C-20224 05/31/2025 STATE OF CALIFORNIA

AGENCY APPROVALS

OSHPD #

CONSULTANT

ISSUE RECORD

DATE		DESCRIPTION

Martin Luther King Jr. Community Hospital

Martin Luther King Jr. Community Hospital
AUHUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT MAKE READY - B

1720 EAST 120TH STREET
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MILESTONE: BID DOCUMENTS
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DESCRIPTION
ABBREVIATIONS AND SYMBOLS

S-001-MR-B

Print Date: 8/9/2024 2:59:40 PM

DELEGATED DESIGNED ITEMS

1. SEE ARCHITECTURAL DRAWINGS FOR IDENTIFICATION OF SYSTEMS REQUIRING CONTRACTOR OBTAINED DEFERRED APPROVAL BY THE AUTHORITY HAVING JURISDICTION.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, ANCHORAGE, AND INSTALLATION OF THE FOLLOWING LIST OF ITEMS NOT DESIGNED BY KPFF CONSULTING ENGINEERS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND STRUCTURAL CALCULATIONS SIGNED BY AND BEARING THE SEAL OF A REGISTERED CIVIL OR STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA TO THE ARCHITECT AND KPFF CONSULTING ENGINEERS. KPFF WILL REVIEW DELEGATED DESIGN SUBMITTALS FOR CONFORMANCE WITH THE PROJECT DESIGN AND PERFORMANCE CRITERIA. AFTER REVIEW BY THE ARCHITECT AND DESIGN TEAM, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED SUBMITTALS AND APPROVALS BY THE BUILDING DEPARTMENT.

   A. UTILITY DISTRIBUTION ANCHORAGE & SEISMIC BRACING
   B. EQUIPMENT ANCHORAGE
   C. SIGNAGE, FLAGPOLES, LIGHTING POLES & ANCHORAGE
   D. FIRE SUPPRESSION SYSTEM PIPING AND RELATED EQUIPMENT

3. ARCHITECTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS, AND SUPPORTS AND ATTACHMENTS SHALL MEET THE REQUIREMENTS OF THE CODE AND ASCE 7-16, CH. 13.

   A. CONTRACTOR SHALL COMPLY WITH THE FOLLOWING GENERAL REQUIREMENTS PER ASCE 7-16, SECTION 13.2:
      1. DESIGN DOCUMENTATION, SUBMITTAL TO AUTHORITY HAVING JURISDICTION, AND SEISMIC QUALIFICATION
      2. SPECIAL SEISMIC CERTIFICATION
      3. INTERRELATIONSHIP OF COMPONENTS AND CONSEQUENTIAL DAMAGE

4. THE DESIGN OF DELEGATED ITEMS SHALL COMPLY WITH THE CODE FOR AND ALL PROJECT SPECIFICATIONS AND CRITERIA INDICATED ON THE CONSTRUCTION DOCUMENTS. ADDITIONAL SUPPORT FRAMING, BRACING, STIFFENER PLATES, AND/OR OTHER STABILIZING ELEMENTS SHALL BE PROVIDED BY CONTRACTOR AT CONNECTIONS TO THE MAIN STRUCTURE TO PREVENT ECCENTRIC LOADING, TWISTING, WARPING, ROTATION, AND/OR TORSION OF THE MAIN STRUCTURAL MEMBERS. THE DESIGN OF THESE ELEMENTS SHALL MAKE PROVISIONS FOR ACCOMMODATING THE APPROPRIATE SEISMIC/WIND FORCES AND DISPLACEMENTS, AS WELL AS FLOOR DEFLECTIONS DUE TO GRAVITY LOADS OF THE MAIN STRUCTURE.

5. PRE-APPROVED STANDARD DETAILS MAY BE USED PROVIDED THEY ARE AN ACCEPTABLE APPROVED STANDARD BY THE GOVERNING BUILDING OFFICIAL AND THE CODE FOR THIS PROJECT.

   DESIGN DISPLACEMENT CRITERIA FOR NON-STRUCTURAL COMPONENTS DESIGN:

6. ALLOW FOR A MAXIMUM FLOOR/ROOF LIVE LOAD VERTICAL DEFLECTION,

   Δ_{VERT} = L/360 (FOR INTERIOR BEAMS & GIRDERS)
   = 3/8" (FOR PERIMETER EDGE BEAMS & GIRDERS)

EQUIPMENT ANCHORAGE

1. DESIGN OF ANCHORAGE AND SEISMIC BRACING FOR ALL FIXED EQUIPMENT TO BE INSTALLED AS A PART OF THIS PROJECT SHALL BE DETAILED OR INDICATED ON THESE DRAWINGS IN CONFORMANCE WITH THE CODE AND ASCE 7-16, EXCEPT AS FOLLOWS:

   A. ANCHORAGE AND SEISMIC BRACING FOR ALL EQUIPMENT DESIGNATED AS A "DELEGATED DESIGN" SCOPE OF WORK (CONTRACTOR DESIGNED AND FURNISHED). SEE "DELEGATED DESIGN" SECTION OF THESE GENERAL NOTES FOR REQUIREMENTS..

   B. DISCRETE MECHANICAL AND ELECTRICAL COMPONENTS LISTED BELOW THAT ARE POSITIVELY ATTACHED TO THE PRIMARY STRUCTURE, DO NOT CONTAIN HAZARDOUS MATERIALS, ARE NOT REQUIRED TO FUNCTION FOR LIFE-SAFETY PURPOSES AFTER AN EARTHQUAKE, AND HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING AND CONDUIT:

      Ⅰ. COMPONENTS WEIGHING 400 LBS OR LESS WITH CENTER OF MASS LOCATED 4 FT OR LESS ABOVE ADJACENT FLOOR LEVEL
      Ⅱ. COMPONENTS WEIGHING 20 LBS OR LESS
      Ⅲ. DISTRIBUTION SYSTEMS WEIGHING 5 LB/FT OR LESS

   WHEN DETERMINING WEIGHT AND BRACING REQUIREMENTS FOR IN-LINE COMPONENTS SUCH AS VALVES, SUSPENDED PUMPS, MIXING BOXES, ETC., THEY SHALL BE ADDRESSED AS DISCRETE COMPONENTS WITH TOTAL WEIGHT INCLUSIVE OF TRIBUTARY CONTRIBUTION OF THE ATTACHED DISTRIBUTION SYSTEM, COMPONENTS THAT ARE INSTALLED IN-LINE WITH DUCT SYSTEMS HAVING AN OPERATING WEIGHT GREATER THAN 75 LB, SUCH AS FANS, TERMINAL UNITS, HEAT EXCHANGERS, HUMIDIFIERS, ETC., SHALL BE ANCHORED AND BRACED AS DISCRETE COMPONENTS.

   C. DISCRETE COMPONENTS WEIGHING 20 LBS OR LESS SUPPORTED BY VIBRATION ISOLATORS.

   D. FURNITURE EXCEPT STORAGE CABINETS (AS NOTED IN TABLE 13.5-1 OF ASCE 7-16)

   E. TEMPORARY OR MOVABLE EQUIPMENT (AS NOTED IN TABLE 13.5-1 OF ASCE 7-16)

   F. ARCHITECTURAL EQUIPMENT NOT DEFINED BY ASCE 7-16, SECTION 13.5 & TABLE 13.5-1 SHALL BE CONSIDERED MECHANICAL OR ELECTRICAL COMPONENTS AND HAVE THE SAME REQUIREMENTS AS THOSE SYSTEMS UNLESS THEY MEET EXCEPTIONS B-E ABOVE.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF VERTICAL GRAVITY SUPPORT, SEISMIC RESTRAINT, AND ANCHORAGE TO PRIMARY STRUCTURE OF ALL PERMANENT EQUIPMENT IN ITEMS B-F ABOVE, INCLUDING AIR TERMINAL UNITS AND SOUND TRAPS, EXCEPT AS OTHERWISE SPECIFIED ON THE CONTRACT DOCUMENTS. DESIGN SHALL BE CAPABLE OF MITIGATING VIBRATIONS AND RESISTING DEAD AND THERMAL LOADS, AS WELL AS THE LOAD AND RELATIVE DISPLACEMENT EFFECTS PRESCRIBED BY ASCE 7-16, CH. 13. RELEVANT SEISMIC PARAMETERS AND COEFFICIENTS ARE INDICATED ON THESE DRAWINGS. APPROPRIATE COMPONENT COEFFICIENTS SHALL BE DETERMINED BY THE CONTRACTOR PER ASCE 7-16, CH. 13. DESIGN SHALL BE SUBMITTED TO THE ARCHITECT FOR GENERAL CONFORMANCE REVIEW.

3. CONTRACTOR SHALL VERIFY THAT ACTUAL PROCURED EQUIPMENT SPECIFICATIONS CONFORM TO ANCHORAGE DETAILS SHOWN ON THESE DRAWINGS (E.G. WEIGHT, SIZE, ANCHOR LOCATIONS, ETC.). WHEN DISCREPANCIES ARE DISCOVERED, CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO FABRICATION OR INSTALLATION AND PROVIDE NEW EQUIPMENT SPECIFICATIONS TO ARCHITECT FOR DESIGN TEAM REVIEW AND APPROVAL.

VERTICAL SUPPORT AND SEISMIC RESTRAINT OF UTILITY DISTRIBUTION SYSTEMS

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF COMPLETE VERTICAL GRAVITY SUPPORT, SEISMIC RESTRAINT, AND ANCHORAGE TO THE PRIMARY FRAME FOR ALL UTILITY DISTRIBUTION AND EQUIPMENT SYSTEMS IN CONFORMANCE WITH THE CODE AND ASCE 7-16, CH. 13, INCLUDING BUT NOT LIMITED TO:

   Ⅰ. MECHANICAL DUCTWORK AND PIPING
   Ⅱ. ELECTRICAL CONDUIT
   Ⅲ. PLUMBING LINES
   Ⅳ. COMMUNICATION/INFORMATION TECHNOLOGY UTILITIES
   Ⅴ. SPRINKLER SYSTEMS.

B. DESIGN SHALL BE CERTIFIED BY A CIVIL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA AND COMPLETED IN CONFORMANCE WITH REQUIREMENTS INDICATED IN THE PROJECT SPECIFICATIONS, DRAWINGS, AND THE CODE, UTILIZING THE SEISMIC PARAMETERS AND COEFFICIENTS INDICATED ON THESE DRAWINGS AND SPECIFIED IN ASCE 7-16.

C. DESIGN SHALL COMPLY WITH THE SEISMIC FORCES AND RELATIVE DISPLACEMENTS REQUIRED BY ASCE 7-16, SECTION 13.3, UNLESS PRESCRIPTIVE REQUIREMENTS ARE FOLLOWED PER EXCEPTIONS LISTED FOR:

   Ⅰ. CONDUIT, CABLE TRAY, AND RACEWAYS (ASCE 7-16, SECTION 13.6.5)
   Ⅱ. DUCT SYSTEMS (ASCE 7-16, SECTION 13.6.6)
   Ⅲ. PIPING AND TUBING SYSTEMS (ASCE 7-16, SECTION 13.6.7.3)

D. IN-LINE DUCT COMPONENTS WEIGHING 75 LB OR LESS: SMALL TERMINAL UNITS, DAMPERS, LOUVERS, DIFFUSERS, ETC., THAT ARE NOT BRACED INDEPENDENTLY SHALL BE POSITIVELY ATTACHED WITH MECHANICAL FASTENERS TO THE RIGID DUCT ON BOTH SIDES. PIPING CONDUIT ATTACHED TO IN-LINE EQUIPMENT SHALL BE PROVIDED WITH ADEQUATE FLEXIBILITY TO ACCOMMODATE THE SEISMIC RELATIVE DISPLACEMENTS OF ASCE 7-16, SECTION 13.3.2.

E. SPACING AND DETAILS OF THE SUPPORT AND BRACING OF FIRE SPRINKLER PIPING SHALL COMPLY WITH THE GOVERNING EDITION OF NFPA 13 AND ASCE 7-16, SECTION 13.6.7.2, AS MODIFIED BY THE CODE.

F. BRACING AND ANCHORAGE DESIGN MAY BE REFERRED TO A PRE-APPROVED ANCHORAGE SYSTEM AND THE CONTRACTOR SHALL PROVIDE ENGINEERING DOCUMENTATION, INCLUDING INSTALLATION GUIDES/MANUALS FOR THE SELECTED PRE-APPROVED SYSTEM, TO THE ARCHITECT AND OWNER'S REPRESENTATIVE.

G. POST-INSTALLED CONCRETE ANCHOR TYPES AND INSTALLATION REQUIREMENTS SHALL BE AS SPECIFIED ON THESE DRAWINGS.

H. STORY DRIFT

   Ⅰ. UTILITY DISTRIBUTION SYSTEMS, INCLUDING PIPING, DUCTWORK AND CONDUITS, SHALL BE DESIGNED TO ACCOMMODATE THE INTER-STORY DRIFT SPECIFIED ON THESE DRAWINGS (SEE DELEGATED DESIGN NOTES), AS REQUIRED PER ASCE 7-16, SECTION 13.3.2.

   Ⅱ. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FLEXIBLE CONNECTIONS BETWEEN UTILITY LINES AND FIXED EQUIPMENT IN CONFORMANCE WITH EQUIPMENT MANUFACTURER'S RECOMMENDATIONS, AS REQUIRED TO ACCOMMODATE INTER-STORY DRIFT AND FLOOR LIVE LOAD DEFLECTIONS.

   Ⅲ. PIPES, DUCTS AND CONDUITS THAT ROUTE WITHIN EXTERIOR WALL FRAMING SHALL NOT IMPEDE THE DESIGN DRIFT AT EXTERIOR FRAMING SLIP JOINTS. PIPES, DUCTS AND CONDUITS THAT CROSS EXTERIOR FRAMING SLIP JOINTS SHALL BE DESIGNED AND DETAILED TO ALLOW THE EXTERIOR FRAMING TO ACCOMMODATE THE DESIGN DISPLACEMENT CRITERIA (SEE "DELEGATED DESIGN") AND SHALL, THEMSELVES, ACCOMMODATE THESE DISPLACEMENTS IF THEY ARE ATTACHED TO ANY ELEMENT OF THE EXTERIOR FRAMING SYSTEM.

CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19A OF THE CODE AND WITH THE PROVISIONS OF ACI 318, LATEST EDITION.

2. REINFORCED CONCRETE IS DESIGNED BY THE "ULTIMATE STRENGTH DESIGN METHOD".

3. CONCRETE MIXES SHALL BE DESIGNED BY A LICENSED CIVIL ENGINEER, VALIDATED BY AN APPROVED TESTING LABORATORY AND APPROVED BY THE SEOR. THE COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE PROPORTIONED BASED ON ACI 318-19 SECTION 26.4.3. AGGREGATES AND CEMENTITIOUS MATERIALS SHALL CONFORM TO CBC SECTIONS 1903A.5 AND 1903A.6.

4. SCHEDULE OF STRUCTURAL CONCRETE 28-DAY STRENGTH AND TYPES

LOCATIONS IN STRUCTURE	STRENGTH (PSI)	DENSITY (PCF)	MAX W/C RATIO
WALLS	4,000	145	0.45

5. PROVIDE CONCRETE MIXTURES THAT MEET THE DURABILITY REQUIREMENTS INDICATED IN THE GEOTECHNICAL REPORT AND PROJECT SPECIFICATIONS.

6. CONCRETE SHRINKAGE SHALL BE LIMITED TO 0.05 PERCENT PER ASTM C157.

7. CONCRETE SHALL BE MAINTAINED ABOVE 50 DEGREES FAHRENHEIT AND IN MOIST CONDITION FOR A MINIMUM OF 7 DAYS AFTER PLACEMENT.

8. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE II, OR AS REQUIRED BY THE GEOTECHNICAL REPORT AND PROVIDE TYPE V WHERE CONCRETE IS IN CONTACT WITH CORROSIVE SOIL.

9. AGGREGATE FOR HARDROCK CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C-33 AND PROJECT SPECIFICATIONS.

10. AGGREGATE FOR LIGHT WEIGHT CONCRETE SHALL BE OF THE EXPANDED SHALE TYPE CONFORMING TO ALL REQUIREMENTS AND TESTS OF ASTM-C330 AND PROJECT SPECIFICATIONS.

11. CONCRETE MIXING OPERATIONS, ETC. SHALL CONFORM TO ASTM C-94.

12. PLACEMENT OF CONCRETE SHALL CONFORM TO THE CODE CHAPTER 19-A AND PROJECT SPECIFICATIONS. CLEAN AND ROUGHEN TO 1/4" AMPLITUDE ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED UNLESS NOTED OTHERWISE.

13. ALL REINFORCING BARS, ANCHOR BOLTS AND OTHER CONCRETE INSERTS, INCLUDING PIPES AND CONDUITS, SHALL BE SECURED IN POSITION PRIOR TO PLACING CONCRETE.

14. PROVIDE SLEEVES FOR PIPES AND CONDUITS PASSING THROUGH CONCRETE MEMBERS INCLUDING CONCRETE OVER METAL DECK BEFORE PLACING. DO NOT CUT REINFORCING WHICH MAY CONFLICT. SLEEVES SHALL NOT EXCEED 6-INCHES IN DIAMETER AND SHALL BE SPACED A MINIMUM OF 3 DIAMETERS APART FROM OTHER SLEEVES USING THE LARGER SLEEVE DIAMETER, OR AS INDICATED ON THE DRAWINGS. CLUSTERS OF SLEEVES ARE NOT PERMITTED WITHOUT THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.

15. CORING IN CONCRETE IS NOT PERMITTED WITHOUT ARCHITECT REVIEW AND APPROVAL. NOTIFY THE STRUCTURAL ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN ON THE DRAWINGS.

16. CONDUITS LARGER THAN 1-1/2" DIAMETER MAY BE EMBEDDED IN STRUCTURAL CONCRETE WHERE SPECIFICALLY APPROVED BY STRUCTURAL ENGINEER. UNLESS DETAILED OTHERWISE, EMBEDDED CONDUIT SHALL CONFORM TO THE FOLLOWING:
   A. CONDUITS SHALL NOT DISPLACE OR INTERRUPT REINFORCING BARS.
   B. DO NOT STACK AND/OR CLUSTER CONDUITS.
   C. SPACE EMBEDDED CONDUITS A MINIMUM OF 3 DIAMETERS CLEAR FROM OTHER EMBEDDED CONDUITS USING THE LARGER CONDUIT DIAMETER.
   D. PROVIDE 1-1/2" CLEAR FROM REINFORCING BARS.
   E. NO HORIZONTAL CONDUITS SHALL BE PLACED IN CONCRETE FILL OVER METAL DECK.
   F. EMBEDDED CONDUITS SHALL BE PLACE IN THE MIDDLE THIRD OF SLABS, BEAMS, WALLS, FOOTINGS, ETC.

17. PIPES ARE NOT PERMITTED TO BE EMBEDDED IN CONCRETE.

18. SCREED CONCRETE FILL OVER STEEL DECK TO A CONSTANT THICKNESS AS SPECIFIED IN THE DECKING SCHEDULE.

REINFORCING STEEL

1. REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 19A OF THE CODE, ASTM 706, GRADE 60 (UNO). DEFORMATIONS SHALL BE IN ACCORDANCE WITH ASTM A-305.

2. BARS SHALL BE CLEAN OF RUST GREASE OR OTHER MATERIALS LIKELY TO IMPAIR BOND. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.

3. DETAIL, FABRICATE, AND INSTALL REINFORCING IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 301, ACI 117, AND THE "CRSI MANUAL OF STANDARD PRACTICE."

4. WELDED WIRE REINFORCEMENT (WWR) SHALL CONFORM TO ASTM A-184. PROVIDE LAPS AS PER ACI-318-19 SECTION 25.5.3, 8" MINIMUM. WWR SHALL BE SUPPORTED ON APPROVED CHAIRS.

5. MINIMUM SPLICE LENGTH FOR REINFORCING STEEL BARS IN MASONRY SHALL BE 72 BAR DIAMETERS, 36" MINIMUM UNO. MINIMUM SPLICE LENGTH FOR REINFORCING STEEL BARS IN CONCRETE SHALL BE AS REQUIRED FOR CLASS B SPLICE PER ACI 318 SECTION 25.5.2 UNO. LAP ALL HORIZONTAL BARS AT CORNERS AND INTERSECTIONS.

6. ALL BARS SHALL BE MARKED SO THEIR IDENTIFICATION CAN BE MADE WHEN THE FINAL IN-PLACE INSPECTION IS MADE.

7. WHERE WELDING OF REINFORCING IS APPROVED BY THE STRUCTURAL ENGINEER, IT SHALL BE DONE BY AWS CERTIFIED WELDERS USING E90XX OR APPROVED ELECTRODES. WELDING PROCEDURES SHALL CONFORM TO THE REQUIREMENTS OF STRUCTURAL WELDING CODE REINFORCING STEEL AWS-D1.4 LATEST REVISION. REINFORCING BARS TO BE WELDED SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-706.

8. BARS IN SLABS SHALL BE SECURELY SUPPORTED ON WELL-CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, PRIOR TO PLACING CONCRETE.

9. COMPLETE AND DETAILED REINFORCING PLACEMENT DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ARCHITECT FOR REVIEW BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION IN ACCORDANCE WITH THE SPECIFICATIONS AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO PLACING OF CONCRETE.

10. MILL TEST REPORTS FOR GRADE 60 BARS SHALL BE SUBMITTED PRIOR TO PLACEMENT OF CONCRETE.

11. CONTINUOUS INSPECTION OF CONCRETE SHALL INCLUDE INSPECTION DURING INSTALLATION OF REINFORCING STEEL. INSPECTION SHALL BE SCHEDULED SO THAT PLACEMENT OF REINFORCING STEEL, CONDUIT SLEEVES AND EMBEDDED ITEMS MAY BE CORRECTED PRIOR TO PLACEMENT OF OVERLYING GRIDS OF REINFORCING STEEL.

12. CONCRETE PROTECTION FOR REINFORCEMENT:

CAST-IN-PLACE CONCRETE: THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT

	MINIMUM COVER
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
CONCRETE EXPOSED TO EARTH OR WEATHER	
#6 & LARGER	2"
#5 & SMALLER	1 1/2"
SLABS, WALLS, OR JOISTS NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND	
#14 & LARGER	1 1/2"
#11 & SMALLER	3/4"
BEAM AND COLUMN TIES & STIRRUPS NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	1 1/2"

POST-INSTALLED CONCRETE ANCHORS

1. ALL EXPANSION TYPE ANCHORS SHALL CONSIST OF HILTI KWIK BOLT TZ2 CONCRETE ANCHORS PER ICC ESR-4266 REPORT. INSTALLATION SHALL BE IN CONFORMANCE WITH THE ICC REPORT.

2. ALL EPOXY TYPE ANCHORS SHALL CONSIST OF HILTI HIT HY-200 HYBRID ADHESIVE USED IN CONJUNCTION WITH DEFORMED REINFORCING BARS PER ICC REPORT ESR-3187. INSTALLATION OF ANCHORS SHALL BE IN CONFORMANCE WITH THE ICC REPORT.

3. WHEN INSTALLING DRILLED IN ANCHORS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS.

4. THE SPECIAL INSPECTOR MUST BE ON THE JOBSITE PERIODICALLY DURING ANCHOR INSTALLATION TO VERIFY ANCHOR TYPE, ANCHOR DIMENSIONS, CONCRETE TYPE, CONCRETE COMPRESSIVE STRENGTH, PREDRILLED HOLE DIMENSIONS, ANCHOR SPACING, EDGE DISTANCES, SLAB THICKNESS, ANCHOR EMBEDMENT AND TIGHTENING TORQUE.

5. TEST ALL POST-INSTALLED ANCHORS AS REQUIRED PER SECTION 1705 OF THE CODE.

6. ALL WEDGE ANCHORS SHALL BE CARBON STEEL, UNO. USE STAINLESS STEEL ANCHORS IN EXTERIOR EXPOSURE AND DAMP ENVIRONMENTS.

GENERAL

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.

2. ALL DRAWINGS, SPECIFICATIONS AND DOCUMENTS ENUMERATED IN THE OWNER/CONTRACTOR AGREEMENT ARE CONSIDERED TO BE PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.

3. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK. WHERE CONFLICTS BETWEEN DRAWINGS AND THE SPECIFICATIONS OCCUR, CONSTRUCTION SHALL FOLLOW THE MORE STRINGENT REQUIREMENT UNLESS OTHERWISE APPROVED BY SEOR.

4. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES:

   2022 CALIFORNIA BUILDING CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2, VOLUME 2 OF 2 AND LATEST REVISIONS ADOPTED PRIOR TO PERMITTING REFERRED TO HERE AS "THE CODE", AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK, INCLUDING STATE OF CALIFORNIA DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (DOSH), AND THOSE CODES & STANDARDS LISTED IN THESE NOTES AND SPECIFICATIONS.

5. ALL REFERENCED STANDARDS SHALL BE THE VERSION INDICATED IN CHAPTER 35 OF THE CODE.

6. SEE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING:

   A. SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS, EXCEPT AS NOTED.

   B. SIZE AND LOCATION OF ALL INTERIOR AND EXTERIOR NON-BEARING PARTITIONS UNLESS NOTED AND/OR DETAILED ON THE STRUCTURAL DRAWINGS.

   C. SIZE AND LOCATION OF ALL CONCRETE CURBS, EQUIPMENT PADS, PITS, FLOOR DRAINS, SLOPES, DEPRESSED AREAS, CHANGES IN LEVEL, CHAMFERS, GROOVES, INSERTS, ETC.

   D. SIZE AND LOCATION OF ALL FLOOR AND ROOF OPENINGS EXCEPT AS SHOWN.

   E. FLOOR AND ROOF FINISHES.

   F. MISCELLANEOUS DRAINAGE AND WATERPROOFING.

   G. ALL FIREPROOFING REQUIREMENTS INCLUDING FIREPROOFING OF STRUCTURAL STEEL.

   H. DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.

7. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR THE FOLLOWING:

   A. PIPE RUNS, SLEEVES, HANGERS, TRENCHES, WALL AND SLAB OPENINGS, ETC., EXCEPT AS SHOWN OR NOTED.

   B. ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS EXCEPT AS SHOWN OR NOTED.

   C. CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL OR PLUMBING FIXTURES, EXCEPT AS SHOWN OR NOTED.

   D. SIZE AND LOCATION OF MACHINE OR EQUIPMENT BASES, ANCHOR BOLTS FOR MOTOR MOUNTS.

8. THE STRUCTURAL CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER DO NOT INCLUDE REVIEW OF THE ABOVE ITEMS.

9. OPENINGS, POCKETS, PENETRATIONS, NON-STRUCTURAL EMBEDS, ETC. SHALL NOT BE PLACED IN ANY STRUCTURAL MEMBER EXCEPT AS NOTED OR DETAILED ON THESE DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER WHEN DRAWINGS BY OTHERS SHOW SUCH ITEMS PLACED IN A MANNER THAT IS NOT CONSISTENT WITH THE STRUCTURAL DRAWINGS.

10. THE CONTRACT STRUCTURAL DRAWINGS SHOW THE BUILDING IN ITS FINAL INTENDED POSITION. MAKE PROVISIONS IN THE CONSTRUCTION SEQUENCING OF THE BUILDING TO TAKE INTO ACCOUNTS SHRINKAGE, CREEP, SHORTENING, THERMAL EXPANSION, ETC.

11. CONSTRUCTION MATERIAL SHALL BE SPREAD OUT IF PLACED ON FRAMED ROOF OR FLOOR. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH.

12. HEAVY EQUIPMENT, CRANES AND MATERIAL STOCKPILES SHALL NOT BE LOCATED ON OR ADJACENT TO BASEMENT WALLS UNLESS APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER.

13. CONTRACTOR SHALL SUBMIT PLANS SHOWING ALL PROPOSED OPENINGS (SIZE & LOCATIONS) TO AOR & SEOR FOR REVIEW AND APPROVAL BEFORE START OF WORK.

14. STOCK PILING OR STORAGE OF MATERIAL ON OR NEAR SHOWING BULKHEAD IS NOT PERMITTED.

DESIGN LOADS

WIND LOADS:

WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609 OF THE CODE.

RISK CATEGORY: II

WIND SPEED: V_{ult} = 95 MPH (3-SECOND GUST)

WIND EXPOSURE: C

INTERNAL PRESSURE COEFFICIENT: GC_{pi} = ± 0.18

SEISMIC DESIGN PARAMETERS

DESIGN PARAMETERS	SYMBOL	RECOMMENDED VALUE
SITE CLASS	-	D
MAPPED SPECTRAL ACCELERATION FOR SHORT PERIODS	S_S	1.771g
MAPPED SPECTRAL ACCELERATION FOR A 1-SECOND PERIOD	S_1	0.629g
SITE COEFFICIENT	F_a	1.0
SITE COEFFICIENT	F_v	1.7
DESIGN SPECTRAL RESPONSE ACCELERATION FOR SHORT PERIODS	S_{DS}	1.181g
DESIGN SPECTRAL RESPONSE ACCELERATION FOR 1-SECOND PERIOD	S_{D1}	0.713g

TEST AND INSPECTION REQUIREMENTS

1. TEST AND INSPECTIONS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 17, SECTION 1704 OF THE CODE.

2. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR CHANGE ORDER APPROVED BY THE COUNTY.

3. A PROJECT INSPECTOR EMPLOYED BY THE OWNER AND APPROVED BY THE COUNTY SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24 CALIFORNIA CODE OF REGULATIONS.

EARTHQUAKE LOADS ON NONSTRUCTURAL COMPONENTS

1. EARTHQUAKE LOADS ARE IN ACCORDANCE WITH SECTION 1613 OF THE CODE

2. Ip = 1.0 FOR ALL NONSTRUCTURAL COMPONENTS

3. EARTHQUAKE LOADS ON NONSTRUCTURAL COMPONENTS, Fp, ARE DETERMINED IN ACCORDANCE WITH ASCE 7-16 CHAPTER 13 USING THE VALUE OF Sds FROM DESIGN LOADS NOTE 5

4. THE MAXIMUM AND MINIMUM VALUES FOR Fp SHALL BE DETERMINED FROM ASCE-16 EQUATIONS 13.3-2 AND 13.3-3, RESPECTIVELY

5. ALL EARTHQUAKE LOADS ON NONSTRUCTURAL COMPONENTS SHALL BE BASED ON THE VALUES OF ap AND Rp FROM ASCE7-16 TABLES 13.5-1 AND 13.6-1

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LICENSED ARCHITECT SYLVIA BOTERO C-20224 05/31/2025 STATE OF CALIFORNIA

AGENCY APPROVALS

OSHPD #

CONSULTANT

ISSUE RECORD

DATE DESCRIPTION

Martin Luther King, Jr. Community Hospital

Martin Luther King Jr. Community Hospital
AUHUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT
MAKE READY - B

1720 EAST 120TH STREET
LOS ANGELES, CA 90059

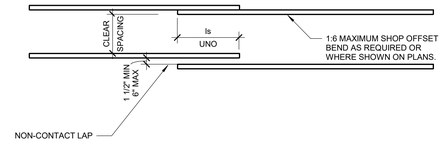
MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: 12" = 1'-0"

DESCRIPTION
GENERAL NOTES

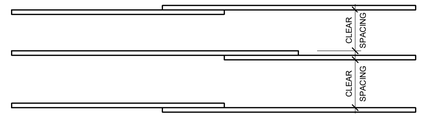
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REBAR LAP SPLICE LENGTH SCHEDULE					
BAR SIZE	LAP CLASS	NORMAL WEIGHT CONCRETE			
		f'c = 4000 psi			
		Top Bars		Other Bars	
		Case 1	Case 2	Case 1	Case 2
3	A	1'-7"	2'-4"	1'-3"	1'-10"
	B	2'-1"	3'-1"	1'-7"	2'-4"
4	A	2'-1"	3'-1"	1'-7"	2'-5"
	B	2'-9"	4'-1"	2'-1"	3'-1"
5	A	2'-7"	3'-11"	2'-0"	3'-0"
	B	3'-5"	5'-1"	2'-7"	3'-11"
6	A	3'-1"	4'-8"	2'-5"	3'-7"
	B	4'-1"	6'-1"	3'-1"	4'-8"
7	A	4'-6"	6'-9"	3'-6"	5'-3"
	B	5'-11"	8'-10"	4'-6"	6'-9"
8	A	5'-2"	7'-9"	4'-0"	6'-0"
	B	6'-9"	10'-1"	5'-2"	7'-9"
9	A	5'-10"	8'-9"	4'-6"	6'-9"
	B	7'-7"	11'-4"	5'-10"	8'-9"
10	A	6'-7"	9'-10"	5'-1"	7'-7"
	B	8'-6"	12'-9"	6'-7"	9'-10"
11	A	7'-3"	10'-11"	5'-7"	8'-5"
	B	9'-6"	14'-2"	7'-3"	10'-11"



1A TYPICAL LAP SPLICES



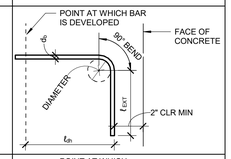
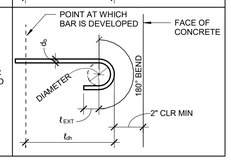
1B STAGGERED SPLICING

NOTES:

1. CASES 1 AND 2 WHICH DEPEND ON CLEAR CONCRETE COVER AND THE CENTER-TO-CENTER SPACING OF THE BARS ARE DEFINED AS:
   CASE 1: COVER AT LEAST 1db AND CLEAR SPACING AT LEAST 2db.
   CASE 2: COVER LESS THAN 1db OR CLEAR SPACING LESS THAN 2db.
2. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.
3. OTHER BARS INCLUDE VERTICAL BARS AND HORIZONTAL BARS WITH LESS THAN 12 INCHES OF CONCRETE CAST BELOW HORIZONTAL BARS.
4. BAR SPLICES NOT COVERED BY THIS SCHEDULE ARE SPECIFICALLY DETAILED AND DIMENSIONED PER PLANS.
5. ALL SPLICES SHALL BE CLASS 'B' UNLESS OTHERWISE ON PLANS.
6. FOR DEVELOPMENT LENGTH, Ld, USE CLASS 'A' LAP SPLICE LENGTH.
7. THIS SCHEDULE IS FOR GR 60 REINFORCEMENT.
8. FOR STAGGERED SPLICES, CLEAR SPACING SHOWN IN DIAGRAM MAY BE USED TO DETERMINE CASE 1 OR CASE 2 PER NOTE 1

1 TYPICAL REINFORCEMENT LAP SPLICE - NORMAL WEIGHT CONCRETE

SCALE : 12" = 1'-0"

TYPE OF STANDARD HOOK	BAR SIZE	MINIMUM INSIDE BEND DIAMETER, IN	STRAIGHT EXTENSION [1] ℓ_{EXT}, IN	TYPE OF STANDARD HOOK
90-DEGREE HOOK	#3 THROUGH #8	$6d_b$	$12d_b$	
	#9 THROUGH #11	$8d_b$		
	#14 THROUGH #18	$10d_b$		
180-DEGREE HOOK	#3 THROUGH #8	$6d_b$	GREATER OF 4ds AND 2.5 IN	
	#9 THROUGH #11	$8d_b$		
	#14 THROUGH #18	$10d_b$		

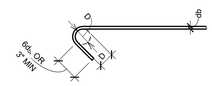
STANDARD HOOK DEVELOPMENT LENGTH "ℓ_{dh}"								
			NORMAL WEIGHT			LIGHT WEIGHT		
BAR SIZE	D	"ℓ_h"	3000	4000	5000	3000	4000	5000
#3	2 1/4"	5"	0'-9"	0'-8"	0'-7"	0'-11"	0'-10"	0'-9"
#4	3"	8"	0'-11"	0'-10"	0'-9"	1'-3"	1'-1"	1'-0"
#5	3 3/4"	10	1'-2"	1'-0"	0'-11"	1'-6"	1'-4"	1'-2"
#6	4 1/2"	12	1'-5"	1'-3"	1'-1"	1'-10"	1'-7"	1'-5"
#7	5 1/4"	1'-2"	1'-8"	1'-5"	1'-3"	2'-1"	1'-10"	1'-8"
#8	6"	1'-4"	1'-10"	1'-7"	1'-5"	2'-5"	2'-1"	1'-11"
#9	9 1/2"	1'-7 1/2"	2'-1"	1'-10"	1'-8"	2'-9"	2'-4"	2'-1"
#10	10 3/4"	1'-10"	2'-4"	2'-1"	1'-10"	3'-1"	2'-8"	2'-5"
#11	12"	2'-0 1/2"	2'-7"	2'-3"	2'-0"	3'-5"	2'-11"	2'-8"

NOTES:

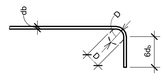
1. ACI 318-14 TABLE 25.3.2.
2. ALL HOOKED BARS SHALL EXTEND AS FAR AS POSSIBLE WITH A MINIMUM 2" END COVER AND WITH EMBEDMENT NOT LESS THAN SHOWN ON THE SCHEDULE. UNO ON PLANS.

2 STANDARD HOOK DEVELOPMENT LENGTH BENDING DETAIL

SCALE : 1" = 1'-0"



135° HOOK



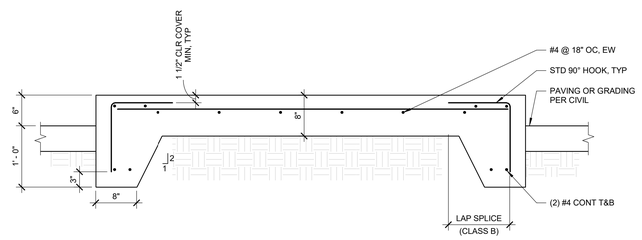
90° HOOK

BAR SIZE	D'
#3	1 1/2"
#4	2"
#5	2 1/2"

*PROVIDE 10db EXTENSIONS IN LIEU OF 6db AT ALL FRAME COLUMNS, GIRDERS, SHEAR WALLS AND SHEAR WALL BOUNDARY MEMBERS

3 TIE & STIRRUPS DETAIL

SCALE : NTS



NOTE:

REFER TO GEOTECH RECOMMENDATIONS FOR SUBGRADE PREPARATION.

4 MECHANICAL PAD ON GRADE DETAIL

SCALE : 1" = 1'-0"

RBB ARCHITECTS INC

Joseph A. Balbona, AIA
Sylvia Botero, AIA
Kevin S. Boots, AIA

10980 Wilshire Boulevard
Los Angeles, California
90024-3905

Telephone 310 473 3555
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REGISTERED PROFESSIONAL ENGINEER RAMEL S NODAL No. S3559 STRUCTURAL STATE OF CALIFORNIA

LICENSED ARCHITECT SYLVIA BOTERO C-20224 05/31/2025 STATE OF CALIFORNIA

AGENCY APPROVALS

OSHPD #

CONSULTANT

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DESCRIPTION
CONCRETE DETAILS

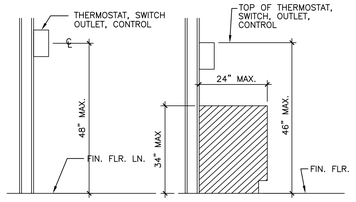
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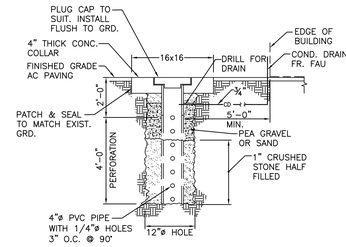
AIR CONDITIONING UNIT SCHEDULE

SYMBOL	MAKE	MODEL	CFM	EXT. S.P.	COOLING CAPACITY		ENT. AIR (°F)		HEATING CAPACITY @17°F/47°F	COMPRESSOR						OUTDOOR FAN MOTOR		INDOOR FAN MOTOR		ELECTRICAL; W/ POWERED CONV. OUTLET			FILTERS MERV 13	COP	EER	UNIT OPER. WEIGHT LBS.	OSA CFM	REMARKS SEE NOTES BELOW
					BTUH	AMB. TEMP.	DB	WB	(BTUH)	NO.	COMP. 1 RLA	COMP. 1 LRA	COMP. 2 RLA	COMP. 2 LRA	NO.	FLA EA.	NO.	FLA EA.	POWER	MCA	MOCP							
AC 1	YORK	XXE12	4000	.95	119000	95	80	67	62000/114000	2	7.7	62	7.7	62	1	2.9	1	6.7	460V–3ø–60HZ	29.1	35	(4)20x20x2	3.4	11.0	1400	500	(1)(2)(3)(4)

NOTES:
1. HORIZONTAL DISCHARGE WITH FACTORY INSTALLED ECONOMIZER, BAROMETRIC RELIEF AND POWERED CONVENIENCE OUTLET. FAULT DETECTION AND DIAGNOSTIC CONTROLS. STAGED AIR VOLUME SYSTEM (SAV) WITH VFD CONTROLLER. FOR MOUNTING DETAILS SEE DETAIL THIS SHEET.
2. OPERATING WEIGHT SHOWN ABOVE INCLUDES UNIT WEIGHT, ACCESSORIES AND WEIGHT OF THE VIBRATION ISOLATOR ASSEMBLY.
3. PROVIDE DUCT SMOKE DETECTOR IN MAIN SUPPLY DUCT. 120V. SEE PLAN FOR LOCATION
4. ACCEPTANCE TEST IS REQUIRED REFER TO ENERGY NOTES BELOW: AIR CONDITIONING SYSTEMS (HVAC) COMPLIANCE PARAGRAPH A).

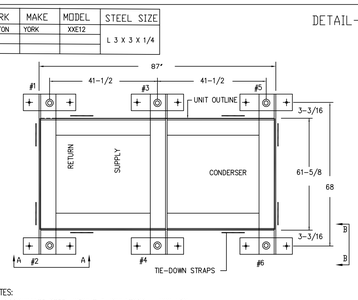


MOUNTING HEIGHT DETAIL
NOT TO SCALE



DRYWELL DETAIL
NOT TO SCALE

MARK	MAKE	MODEL	STEEL SIZE
10 TON	YORK	XXE12	L 3 X 3 X 1/4



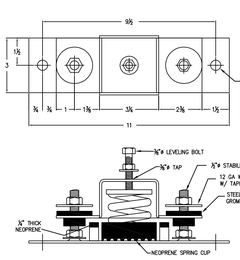
NOTES:
1. APPROXIMATE STEEL WEIGHT & ISOLATORS = 200 LBS
2. FOR ISOLATOR DETAILS, SEE DWG-2.
3. M.W. SAUSSE & CO. INC. IS NOT RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE EQUIPMENT WHEN ANCHORED AS SHOWN.
4. ALL DIMENSIONS TO BE FIELD VERIFIED BY CONTRACTOR BEFORE CONSTRUCTION.

DETAIL-1

DETAIL-3

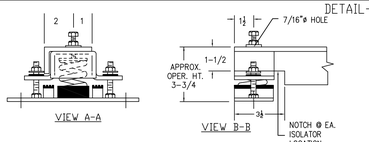
ISOLATOR H.C.A.I. PRE-APPROVAL PENDING No. EPM-0203-22

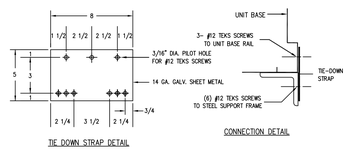
MTS.	SPRING O.D.	DEFL
1-4	2"	1"



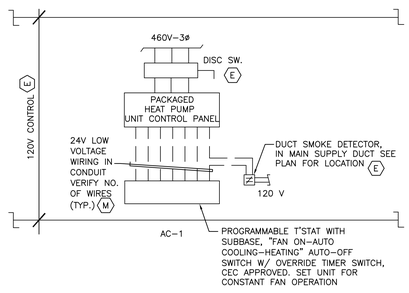
RMU-EQ-2

DETAIL-2





M. W. SAUSSE & CO., INC. 28774 Whitherspoon Pkwy. Valencia, CA. 91355 Phone: (661) 257-3311 Fax: (661) 257-7673	JOB NAME: MLK HAWKINS BLDG.	REVISIONS:	DRN: TDT
Vibrex vibration & seismic control systems	CUST.:	A:	DATE: 7-8-24
RMUAB	CUST. P.O.:	B:	DRAWING NO.:
	MECH. ENGR.: E2DI	C:	✖1
	MARK: 10 TON	D:	



SCHEMATIC WIRING DIAGRAM
NOT TO SCALE

GENERAL NOTES:

1. ELEC. CONDUIT SHALL COMPLY WITH ELECTRICAL SPECIFICATIONS.
2. FOLLOW WIRING INSTRUCTIONS BY UNIT MANUFACTURER & SET ALL UNITS FOR CONSTANT FAN OPERATION
3. ALL LOW VOLTAGE CONTROL WIRING (24 V & BELOW) SHALL BE IN ELECTRICAL CONDUIT. LOW VOLTAGE WIRING & ASSOCIATED CONDUIT SHALL BE FURNISHED & INSTALLED BY MECH CONTRACTOR.
4. ALL 120V WIRING & HIGHER– CONDUITS, CLOSING COIL RELAYS, CONTACTORS, DISC SW, TIME CLOCKS, TIMER SWITCHES, MAGNETIC STARTERS & OTHER RELATED ELEC. ITEMS SHALL BE FURNISHED & INSTALLED BY ELEC. CONTRACTOR.
5. ALL INTERLOCKING RELAY IN HVAC EQUIPMENT SHALL BE PROVIDED BY UNIT MFR.

ENERGY NOTES

ADMINISTRATIVE REQUIREMENTS:

A) THE PERSON WITH OVERALL RESPONSIBILITY FOR CONSTRUCTION OR THE PERSON RESPONSIBLE FOR THE INSTALLATION OF REGULATED FEATURES, MATERIALS, COMPONENTS, OR MANUFACTURED DEVICES SHALL POST, OR MAKE AVAILABLE WITH THE BUILDING PREMIT(S) ISSUED FOR THE BUILDING, THE REQUIRED INSTALLATION CERTIFICATE(S) FOR FEATURES, MATERIALS, COMPONENTS, OR MANUFACTURED DEVICES REGULATED BY THE APPLIANCE EFFICIENCY REGULATIONS OR PART 6. SUCH INSTALLATION CERTIFICATE(S) SHALL BE MADE AVAILABLE TO THE ENFORCEMENT AGENCY FOR ALL APPROPRIATE INSPECTIONS. THESE CERTIFICATES SHALL:

i) IDENTIFY FEATURES, MATERIALS, COMPONENTS, OR MANUFACTURED DEVICES REQUIRED TO VERIFY COMPLIANCE WITH THE APPLIANCE EFFICENCY REGULATIONS AND PART 6.

ii) INCLUDE A STATEMENT INDICATING THAT THE FEATURES, MATERIALS, COMPONENTS, OR MANUFACTURED DEVICES CONFORM TO THE APPLIANCE EFFICIENCY REGULATIONS AND PART 6 AND THE REQUIREMENTS FOR SUCH FEATURES, MATERIALS, COMPONENTS, OR MANUFACTURED DEVICES GIVEN IN THE PLANS AND SPECIFICATIONS APPROVED BY THE LOCAL ENFORCEMENT AGENCY.

iii) STATE THE BUILDING PERMIT NUMBER UNDER WHICH THE CONSTRUCTION OR INSTALLATION WAS PERFORMED.
SEC. 10–103 (a,b)

B) WITHIN 90 DAYS AFTER ISSUANCE OF CERTIFICATE OF OCCUPANCY RECORD DRAWINGS SHALL BE PROVIDED TO THE OWNER. IF A BUILDING DESIGN FEATURE, MATERIAL, COMPONENT, OR MANUFACTURED DEVICE CHANGED BEFORE FINAL CONSTRUCTION AND INSTALLATION, SUCH THAT THE BUILDING MAY NO LONGER COMPLY WITH PART 6, THE BUILDING MUST BE BROUGHT INTO COMPLIANCE, AND SO INDICATED ON AMENDED PLANS AND CERTIFICATE OF COMPLIANCE THAT SHALL BE SUBMITTED FOR PLAN APPROVAL.
SEC. 10–103 (a)2B

C) THE BUILDER SHALL PROVIDE THE BUILDING OWNER OR THE PERSON(S) RESPONSIBLE FOR BUILDING MAINTENANCE (IN CASE OF MULTI–TENANT OR CENTRALLY OPERATED BUILDINGS) AT OCCUPANCY THE FOLLOWING:

1) OPERATING INFORMATION: THE APPROPRIATE CERTIFICATE(S) OF COMPLIANCE AND A LIST OF THE FEATURES, MATERIALS, COMPONENTS, AND MECHANICAL DEVICES INSTALLED IN THE BUILDING AND INSTRUCTIONS ON HOW TO OPERATE THEM EFFICIENTLY.

2) MAINTENANCE INFORMATION: REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY STATED AND INCORPORATED ON A READILY ACCESSIBLE LABEL. THE LABEL MAY BE LIMITED TO IDENTIFYING THE OPERATION AND MAINTENANCE MANUAL.

3) VENTILATION INFORMATION: A DESCRIPTION OF THE QUANTITIES OF OUTDOOR AND RECIRCULATED AIR THAT THE VENTILATION SYSTEMS ARE DESIGNED TO PROVIDE TO EACH AREA.
SEC. 10–103 (b) 2, 3 & 4

MANDATORY REQUIREMENTS:

A) JOINTS, PENETRATIONS AND OTHER OPENINGS IN BUILDING ENVELOPE THAT ARE POTENTIAL SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHER STRIPPED OR OTHERWISE SEALED TO LIMOIT INFILTRATION.
SEC. 110.7

B) ALL INSULATING MATERIAL SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAMESPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF THE CBC.
SEC. 110.8 (c)

C) NON–CENTRALIZED ENERGY MANAGEMENT SYSTEMS SHALL HAVE SETBACK THERMOSTATS CAPABLE TO PROGRAM TEMPERATURE SETPOINTS FOR AT LEAST FOUR PERIODS WITHIN A 24–HR. PERIOD.
SEC. 110.2 (c)

D) DDC SYSTEMS TO THE ZONE LEVEL SHALL BE PROGRAMMED TO ALLOW CENTRALIZED DEMAND SHED FOR NON–CRITICAL ZONES BY HAVING: (1) CONTROLS CAPABLE TO INCREASE COOLING TEMPERATURES BY 4 DEGREES OR MORE IN NON–CRITICAL ZONES WITHIN EMCS; (2) CONTROLS CAPABLE TO DECREASE HEATING TEMPERATURES BY 4 DEGREES OR MORE IN NON–CRITICAL ZONES WITHIN EMCS; (3) CONTROLS THAT REMOTELY RESET TEMPS IN ALL NON–CRITICAL ZONES TO ORIGINAL OPERATING LEVELS; (4) CONTROLS SHALL BE PROGRAMMED TO PROVIDE AN ADJUSTABLE RATE OF CHANGE FOR THE TEMPERATURE INCREASE, DECREASE, AND RESET; AND (5) CONTROLS HAVE THE FEATURES TO BE DISABLED OR ADJUSTED BY AUTHORIZED FACILITY OPERATORS.
SEC. 120.12(b)

E) ALL RECIRCULATED AIR OR OUTDOOR AIR SUPPLIED TO OCCUPIABLE SPACES IS FILTERED (MINIMUM MERV 13) BEFORE PASSING THROUGH ANY AIR CONDITIONING COMPONENT.
SEC. 120.1(c) 1A–B

F) THE LESSER OF THE MINIMUM RATE OF OUTDOOR AIR REQUIRED BY SEC. 120.1(c), OR THREE COMPLETE AIR CHANGES SHALL BE SUPPLIED TO THE ENTIRE BUILDING DURING THE ONE–HOUR PERIOD IMMEDIATELY BEFORE THE BUILDING IS NORMALLY OCCUPIED.
SEC. 120.1(d) 2

G) ALL MECHANICAL VENTILATION AND SPACE–CONDITIONING SYSTEMS SHALL BE INSTALLED WITH DUCTWORK, DAMPERS AND CONTROLS TO ALLOW OUTSIDE AIR RATES TO BE OPERATED AT THE LARGER OF (1) THE MINIMUM LEVELS SPECIFIED IN SECTION 120.1(b) OR (2) THE RATE REQUIRED FOR MAKE–UP OF EXHAUST SYSTEMS THAT ARE REQUIRED FOR AN EXEMPT OR COVERD PROCESS FOR CONTROL OF ODORS, OR FOR THE REMOVAL OF CONTAMINANTS WITHIN THE SPACE. MEASURED OUTSIDE AIR RATES OF CONSTANT AND VARIABLE VOLUME MECHANICAL VENTILATION SYSTEMS SHALL BE WITHIN 10% OF OUTSIDE AIR RATE SHOWN ON TABLE 120.1–A
SEC. 120.1 (f)

H) THE THERMOSTATIC CONTROLS FOR HVAC SYSTEMS SHALL BE CAPABLE OF BEING SET LOCALLY OR REMOTELY BY TO CONTROL COMFORT HEATING DOWN TO 55°F OR LOWER AND COOLING UP TO 85°F OR HIGHER. THE THERMOSTATIC CONTROLS SHALL BE CAPABLE OF PROVIDING A DEAD BAND RANGE OF AT LEAST 5°F WITHIN WHICH HEATING AND COOLING ENERGY TO THE ZONE IS SHUT OFF OR REDUCED TO A MINIMUM.
SEC. 120.2 (a) & (b)

I) OUTDOOR AIR SUPPLY AND EXHAUST EQUIPMENT SHALL BE INSTALLED WITH DAMPERS THAT AUTOMATICALLY CLOSE UPON FAN SHUTDOWN.
SEC. 120.2(f)

J) SPACE COJNDITIONING SYSTEMS WITH DDC ZONE CONTROLS SHALL HAVE OPTIMUM START/STOP CONTROLS. MINIMUM CONTROLS SHALL BE A FUNCTION THE DIFFERENCE(S) BETWEEN SPACE TEMPERATURE(S) AND OCCUPIED SET POINT(S), THE OUTDOOR AIR TEMPERATURE(S), AND THE AMOUNT OF TIME PRIOR TO SCHEDULED OCCUPANCY.
SEC. 120.2(k)

K) ALL AIR DISTRIBUTION SYSTEM DUCTS AND PLENUMS, INCLUDING, BUT NOT LIMITED TO BUILDING, CAVITIES, MECHANICAL CLOSETS, AIR–HANDLER BOXES AND SUPPORT PLATFORMS USED AS DUCTS OR PLENUMS, SHALL BE INSTALLED, SEALED AND INSULATED TO MEET THE REQUIREMENTS OF THE 2016 CALIFORNIA MECHANICAL CODE AND ANSI/SMACNA –006.2006 HVAC DUCT CONSTRUCTION STANDARDS METAL AND FLEXIBLE. SUPPLY–AIR DUCTS CONVEYING HEATED OR COOLED AIR SHALL BE INSULATED TO MINIMUM INSTALLED LEVEL OF R–4.2 (R–8 IN UNCONDITIONED SPACE), UNLESS DUCTS ARE IN CONDITIONED SPACE.
SEC. 120.4 (a)

L) MAXIMUM LENGTH OF FLEXIBLE DUCT AND CONNECTORS SHALL NOT BE MORE THAN 5 FEET. FLEXIBLE DUCTS SHALL NOT BE USED IN LIEU OF RIGID ELBOWS.
LACMC 603.4.1

M). EACH SPACE–CONDITIONING SYSTEM SHALL BE INSTALLED WITH CONTROLS (1) CAPABLE OF AUTOMATICALLY SHUTTING OFF THE SYSTEM DURING PERIODS OF NON–USE AND SHALL HAVE (a) 4–HR TIMER OR; (b) OCCUPANCY SENSORS OR; (c) AUTO TIME SWITCH CONTROLS AND ACCESSIBLE MANUAL OVERRIDE FOR UP TO 4–HRS. (2) AUTOMATICALLY RESTART AND TEMPORARILY OPERATE THE SYSTEM TO MAINTAIN SETBACK THERMOSTAT SETPOINTS FOR MECHANICAL HEATING AND COOLING. (3) MULTIPURPOSE, CLASSROOMS CONFERENCE, CONVENTION, AUDITORIUM, AND MEETING CENTER ROOMS OF CERTAIN SIZE WHICH DO NOT HAVE PROCESSES OR OPERATIONS THAT GENERATE DUSTS, FUMES, VAPORS OR GASSES SHALL BE EQUIPPED WITH OCCUPANT SENSOR(S) TO ACCOMPLISH THE FOLLOWING DURING UNOCCUPIED PERIODS (a) AUTOMATICALLY SETUP THE OPERATING COOLING TEMPERATURE SET POINT BY 2°F OR MORE AND SETBACK THE OPERATING HEATING TEMPERATURE SET POINT BY 2°F OR MORE AND; (b) AUTOMATICALLY RESET THE MINIMUM REQUIRED VENTILATION RATE WITH AN OCCUPANT SENSOR VENTILATION CONTROL DEVICE ACCORDING TO SECTION 120.1(c)5. (4) HOTEL AND MOTEL GUEST ROOMS SHALL HAVE CAPTIVE CARD KEY CONTROLS, OCCUPANY SENSING CONTROLS, OR AUTOMATIC CONTROLS SUCH THAT, NO LONGER THAN 30 MINUTES AFTER THE GUEST ROOM VACATED, SETPOINTS ARE SETUP AT LEAST +5°F (+3°C) IN COOLING MODE AND SET–DOWN AT LEAST –5°F (–3°C) IN HEATING MODE.
SEC. 120.2(e) (1–4)

AIR CONDITIONING SYSTEMS (HVAC) COMPLIANCE:

A). THE FOLLOWING ACCEPTANCE TESTS ARE REQUIRED. PLEASE FOLLOW THE INSTRUCTIONS ON THE DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE TO COMPLETE THE FORM (LIST ALL EQUIPMENT THAT REQUIRE ACCEPTANCE TESTS).

[X] NRCA–MCH–05–A AIR ECONOMIZER CONTROLS

[X] NRCA–MCH–12–A FDD FOR PACKAGED DIRECT EXPANSION UNITS

B). DUCT SYSTEMS USED WITH BLOWER TYPE EQUIPMENT WHICH ARE PORTIONS OF A HEATING , COOLING, ABSORBTION, EVAPORATIVE COOLING OR OUTDOOR AIR CENTILATION SYSTEM SHALL BE SIZED IN ACCORDANCE WITH CHAPTER 17 OF THE CALIFRONIA MECHANICAL CODE.

A

MECHANICAL GENERAL NOTES

1. ALL PRODUCTS AND EXECUTION OF WORK SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND AS SHOWN ON PLANS.
2. IN THE EVENT OF A DISCREPANCY BETWEEN CONTRACT DRAWINGS AND SPECIFICATIONS, THE MOST STRINGENT SHALL GOVERN.
3. ALL WORK TO BE IN ACCORDANCE WITH REQUIREMENTS OF GOVERNING FIRE, BUILDING, MECHANICAL, PLUMBING, AND ELECTRICAL CODES.
4. PRIOR TO SUBMISSION OF ANY BID, CONTRACTOR SHALL PERFORM A THOROUGH FIELD SURVEY OF THE SITE CONDITIONS AND FEATURES. ANY SITE CONDITIOINS WHICH MAY CAUSE SIGNIFICANT DEVIATION FROM THE DESIGN DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF OWNER AND ARCHITECT/ENGINEER OF RECORD FOR CLASSIFICATION PRIOR TO SUBMISSION OF THE CONTRACTOR'S BID. VERIFY DIMENSION TO ENSURE PROPER COORDINATION WITH CONSTRUCTION. CONTRACTOR SHALL BEAR ALL COSTS FOR RELOCATION OF EQUIPMENT, PIPE, DUCTS, ETC., FROM FAILURE TO ADVISE OF CONFLICT IN WRITING PRIOR TO SUBMISSION OF ANY BID, AND/OR FROM FAILURE TO PROPERLY COORDINATE INSTALLATIONS OF SYSTEMS.
5. IF ANY PART OF THIS CONTRACTOR'S WORK DEPENDS UPON THE WORK OF A SEPARATE CONTRACTOR, THIS CONTRACTOR SHALL INSPECT SUCH OTHER WORK AND PROMPTLY REPORT IN WRITING TO THE OWNER ANY DEFECTS IN SUCH OTHER WORK THAT RENDERS IT UNSUITABLE TO PERFORM THE WORK OF THIS CONTRACTOR. FAILURE OF THIS CONTRACTOR TO SO INSPECT AND REPORT SHALL CONSTITUE AN ACCEPTANCE OF THE OTHER CONTRACTOR'S WORK, EXCEPT AS TO DEFECTS WHICH MAY DEVELOP IN OTHER CONTRACTOR'S WORK AFTER EXECUTION OF THIS CONTRACTOR'S WORK.
6. CONTRACTOR SHALL REMOVE, RELOCATE, REPLACE WITH NEW AND/OR RECONNECT ALL SERVICES AS REQUIRED BY DEMOLITION
7. SCHEDULE ALL WORK WITH THE FACILITY INCLUDING DEMOLITION ACCESS AND STORAGE. THE DEMOLITION SCHEDULE PROCEDURE SHALL BE APPROVED BY THE FACILITY PRIOR TO THE START OF DEMOLITION.
8. ALL UTILITIES REQUIRED FOR THE CONTINUOUS OPERATION OF ALL FACILITIES MUST BE MAINTAINED IN SERVICE AT ALL TIMES EXCEPT AS REQUIRED.
9. CONTRACTOR SHALL PROVIDE DUST COVERS AS REQUIRED TO CONTAIN DUST AND DEBRIS WITHIN CONSTRUCTION AREA. BROOM CLEAN ALL AREAS EACH DAY. KEEP DIRT AND DUST TO A MINIMUM.
10. ALL REMOVED ITEMS DEEMED TO HAVE VALUE TO THE OWNER SHALL BE DELIVERED TO A PLACE OF STORAGE AT THE SITE AS DIRECTED. ALL OTHER ITEMS MUST BE DISPOSED OF OFF–SITE IN A LEGAL MANNER.
11. WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO PUBLIC AND OCCUPANTS OF THE FACILITY.
12. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE, IN ACCORDANCE WITH APPLICABLE LAWS AND CODES, GUARD ALL HAZARDS IN ACCORDANCE WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA AND OSHA.
13. ALL PIPE SIZES ARE NOMINAL SIZES IN INCHES.
14. PROVIDE VALVES AND OTHER PIPING SPECIALTIES SAME SIZE AS LINE SIZE UNLESS OTHERWISE NOTED.
15. PROVIDE UNIONS OR FLANGES ON EACH SIDE OF CONTROL VALVES. PIPING ASSEMBLIES SHALL BE MADE SO AS TO MAKE EVERY VALVE AND PIECE OF EQUIPMENT EASILY REMOVABLE.
16. THE CONTRACTOR SHALL GUARANTEE THAT ALL WORK DONE UNDER HIS CONTRACT WILL BE FREE FROM FAULTY MATERIALS OR WORKMANSHIP AND HEREBY AGREES TO REPAIR OR REPLACE WITHOUT COST TO THE OWNER AND TO HIS SATISFACTION ALL DEFECTS OR IMPERFECTIONS APPEARING IN SAID WORK WITHIN A PERIOD OF ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE BY THE OWNER OF ALL WORK DONE UNDER THIS CONTRACT.

MECHANICAL LEGEND

SYMBOLS	DESCRIPTION
(E)	FURNISHED, INSTALLED AND WIRED BY ELECTRICAL
(ME)	FURNISHED AND INSTALLED BY MECHANICAL. WIRED BY ELECTRICAL
A.P.	ACCESS PANEL
A.F.F.	ABOVE FINISH FLOOR
C.D.	CEILING DIFFUSER
E.A.	EXHAUST AIR
O.A.	OUTSIDE AIR
R.A.	RETURN AIR
R.A.R.	RETURN AIR REGISTER
R.E.	REDUCING ELBOW
R.T.	REDUCING TEE
N.A.	NOT APPLICABLE
S.A.	SUPPLY AIR
P.D.	PRESSURE DROP
T	THERMOSTAT
E	PROVIDED WITH EMERGENCY POWER
BD	BLOWDOWN PIPE
BFW	BOILER FEEDWATER
CDWS	CONDENSER WATER SUPPLY
CDWR	CONDENSER WATER RETURN
CHWS	CHILLED WATER SUPPLY
CHWR	CHILLED WATER RETURN
HWS	HEATING HOT WATER SUPPLY
HWR	HEATING HOT WATER RETURN
GV	GATE VALVE G.V., S.O.V.
AS	AUTOMATIC SHUT–OFF VALVE, AUTO S.O.V.
CV	CHECK VALVE C.V.
BC	BALANCING COCK B.C.
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
FM	FLOW MEASURING DEVICE
ST	STRAINER WITH BLOW–OFF VALVE STR
FS	FLOW SWITCH, F.S.
PG	PRESSURE GAUGE W/ PLUG COCK P.G.
T	THERMOMETER
HPS	HIGH PRESSURE STEAM
SCK	COMBINATION STOP CHECK VALVE
CR	CONDENSATE RETURN
D.L.	DRIP LEG

NOTE:

THIS MAKE READY SCOPE REQUIRES THE CAPPING OF THE CHILLED WATER LINES, STEAM LINES, DISCONNECTING WATER SERVICE INCLUDING FIRE WATER SERVICE COMING IN TO THE HAWKINS BLDG. THIS ALSO INCLUDES DISCONNECTING THE PNEUMATIC TUBE SYSTEM (SWISSLOG TRANSLOGIC) COMING FROM THE IPT BUILDING.

A

DRAWING INDEX

DWG. NO.	DESCRIPTION
M000–MR–B	LEGEND, ABBREVIATIONS AND NOTES
M001–MR–B	PARTIAL SITE PLAN AND DIAGRAM
M100–MR–B	BASEMENT PLAN
M200–MR–B	BRIDGE FLOOR PLAN AND SECTION
M300–MR–B	TITLE 24 CERTIFICATE OF COMPLIANCE
M400–MR–B	TITLE 24 CERTIFICATE OF COMPLIANCE

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ISSUE RECORD
02/05/2025 A MECHANICAL BACK CHECK 1

DATE A DESCRIPTION

Martin Luther King, Jr. Community Hospital

Martin Luther King Jr. Community Hospital
AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT MAKE READY - B

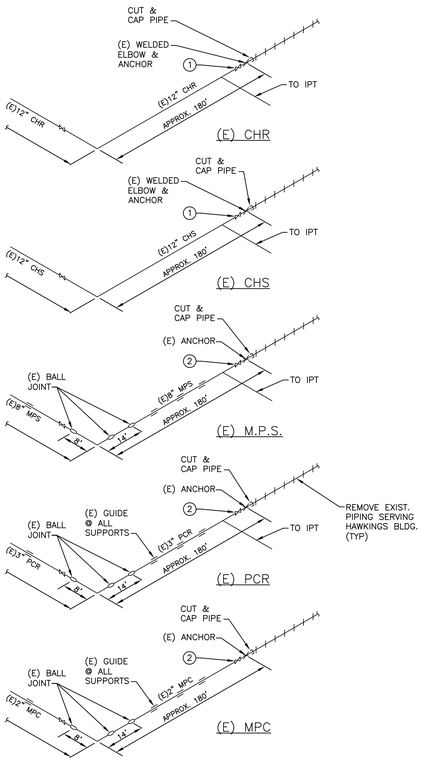
1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE:

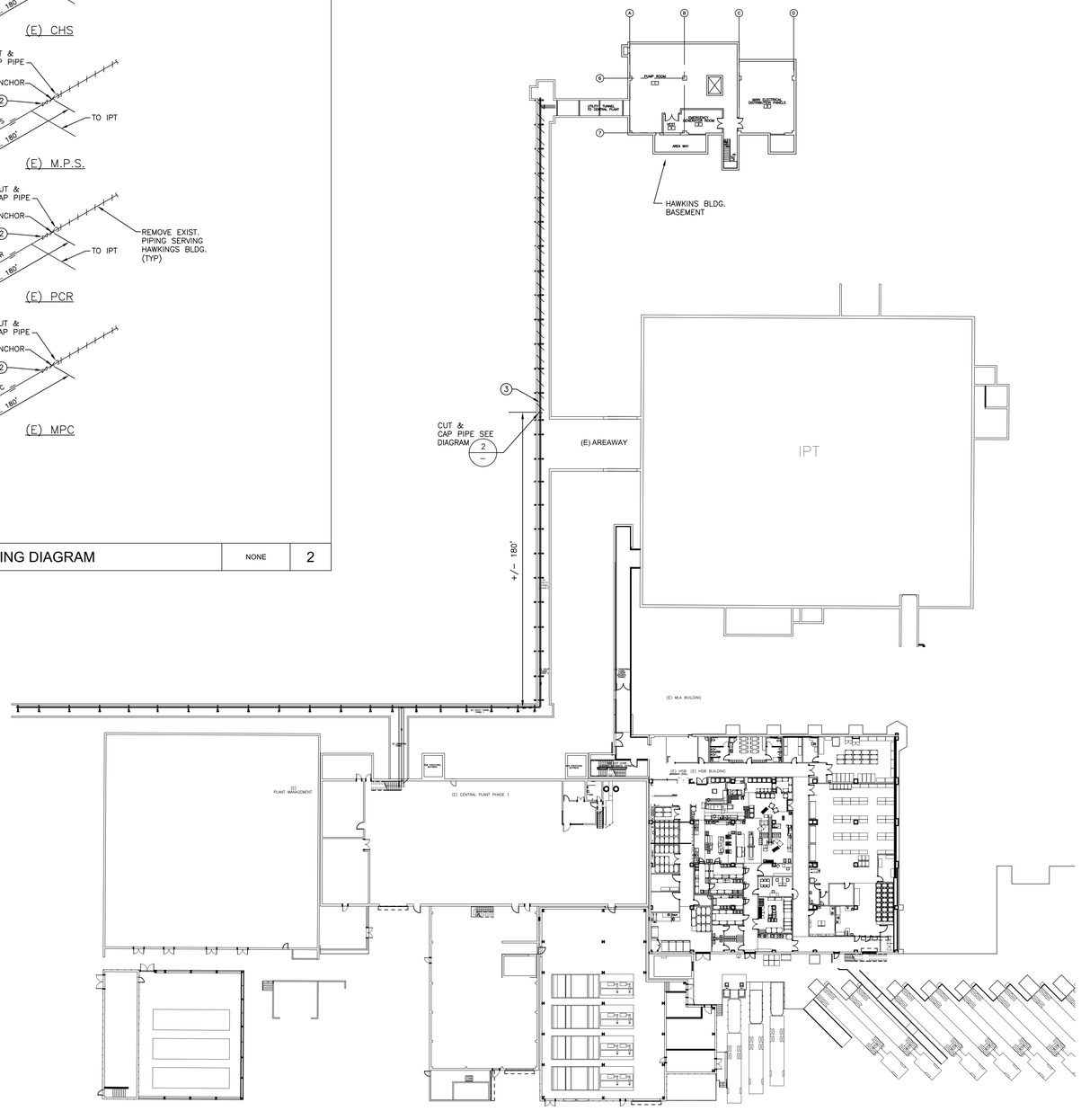
DESCRIPTION
LEGEND, ABBREVIATIONS, NOTES AND SCHEDULES

M000-MR-B

Print Date:



EXISTING ISOMETRIC TUNNEL PIPING DIAGRAM | NONE | 2



PARTIAL SITE PLAN | 1/32"=1'-0" | 1

GENERAL NOTES:

1. ALL AHUS AND OTHER MECHANICAL SYSTEMS WILL HAVE NO POWER AND WILL SHUT-OFF.
2. THERE WILL BE NO VENTILATION TO THE BUILDING AND NO VERTICAL TRANSPORATION DURING DEMO AND THESE CONDITIONS WILL HAVE TO BE DISCUSSED WHEN THE OWNERS GET THE CONTRACTOR ON BOARD.

CONSTRUCTION NOTES:

1. PROVIDE BUTTERFLY ISOLATION VALVE ANSI CLASS 150, ASTM A 216 AND CAP PIPE AS SHOWN.
2. PROVIDE BUTTERFLY ISOLATION VALVES NIBCO INC. LD-2000 AND CAP PIPE AS SHOWN.
3. CUT AND CAP EXISTING (2) 6" PNEUMATIC TUBE SYSTEM. CONTRACTOR TO COORDINATE WITH SWISSLOG, TRANSLOGIC TO REPROGRAM/DEPROGRAM AND DEACTIVATE PNEUMATIC TUBE SYSTEM SERVING HAWKINS BUILDING.

NOTE:

1. PROVIDE ISOLATION VALVES ON ALL PIPING FEEDING HAWKINS BUILDING, ISOLATING OSHPD SIDE FROM THIS BUILDING WHICH WILL BE DEMOLISHED.
2. PROVIDE PIPE SUPPORT AT EACH PIPE TERMINATION POINT AS REQUIRED.
3. PNEUMATIC TUBE SYSTEM WILL NO LONGER BE CONNECTED FROM THE IPT SYSTEM.

N

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ISSUE RECORD

DATE	△	DESCRIPTION
02/05/2025	1	MECHANICAL BACK CHECK 1

Martin Luther King, Jr. Community Hospital

Martin Luther King Jr. Community Hospital
AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT MAKE READY - B

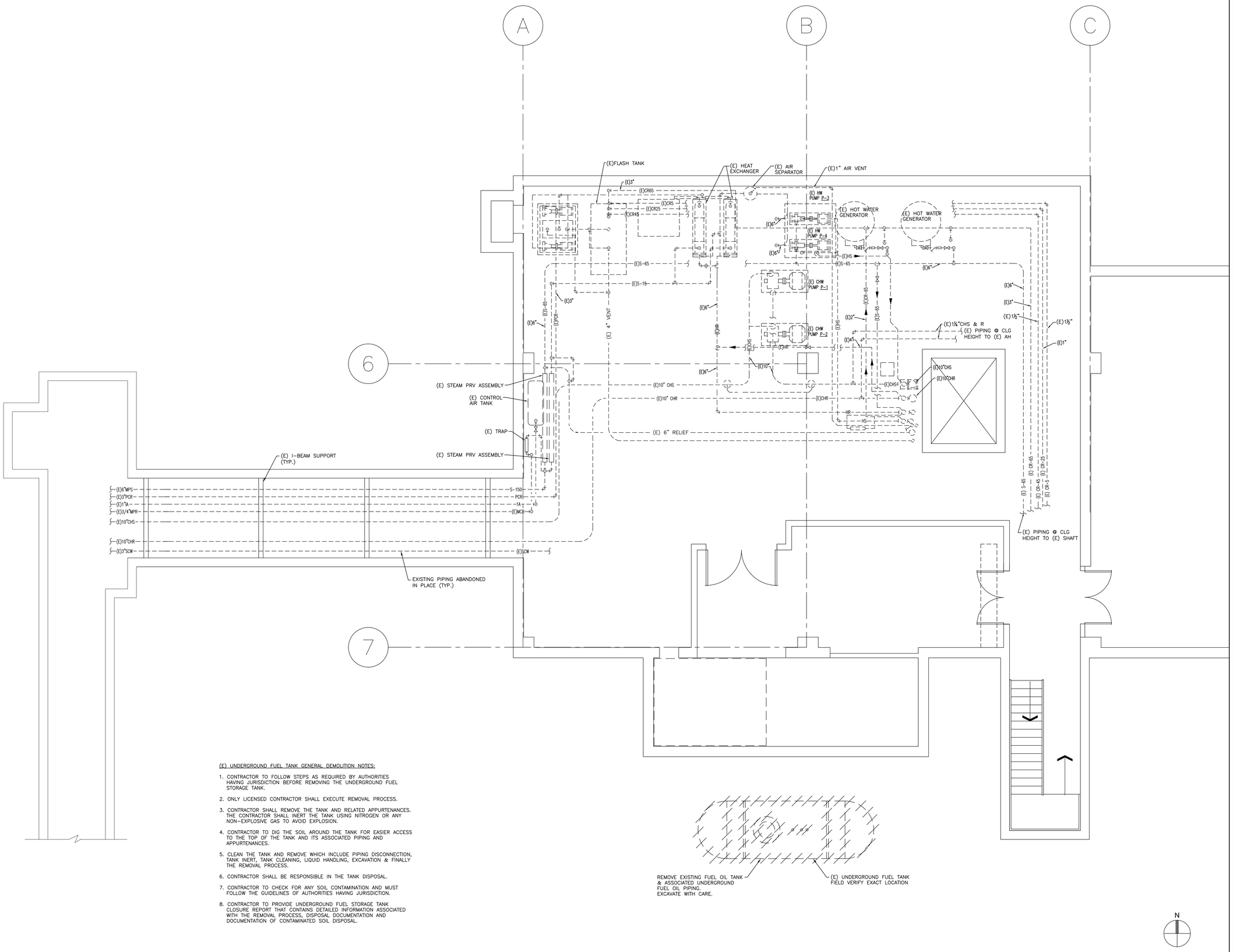
1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE:

DESCRIPTION
PARTIAL SITE PLAN AND DIAGRAM

M001-MR-B

Print Date:



(E) UNDERGROUND FUEL TANK GENERAL DEMOLITION NOTES:

1. CONTRACTOR TO FOLLOW STEPS AS REQUIRED BY AUTHORITIES HAVING JURISDICTION BEFORE REMOVING THE UNDERGROUND FUEL STORAGE TANK.
2. ONLY LICENSED CONTRACTOR SHALL EXECUTE REMOVAL PROCESS.
3. CONTRACTOR SHALL REMOVE THE TANK AND RELATED APPURTENANCES. THE CONTRACTOR SHALL INERT THE TANK USING NITROGEN OR ANY NON-EXPLOSIVE GAS TO AVOID EXPLOSION.
4. CONTRACTOR TO DIG THE SOIL AROUND THE TANK FOR EASIER ACCESS TO THE TOP OF THE TANK AND ITS ASSOCIATED PIPING AND APPURTENANCES.
5. CLEAN THE TANK AND REMOVE WHICH INCLUDE PIPING DISCONNECTION, TANK INERT, TANK CLEANING, LIQUID HANDLING, EXCAVATION & FINALLY THE REMOVAL PROCESS.
6. CONTRACTOR SHALL BE RESPONSIBLE IN THE TANK DISPOSAL.
7. CONTRACTOR TO CHECK FOR ANY SOIL CONTAMINATION AND MUST FOLLOW THE GUIDELINES OF AUTHORITIES HAVING JURISDICTION.
8. CONTRACTOR TO PROVIDE UNDERGROUND FUEL STORAGE TANK CLOSURE REPORT THAT CONTAINS DETAILED INFORMATION ASSOCIATED WITH THE REMOVAL PROCESS, DISPOSAL DOCUMENTATION AND DOCUMENTATION OF CONTAMINATED SOIL DISPOSAL.

BASEMENT PLAN | 1/4"=1'-0" | 1

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ISSUE RECORD

DATE		DESCRIPTION
02/05/2025	1	MECHANICAL BACK CHECK 1

Martin Luther King, Jr. Community Hospital

Martin Luther King Jr. Community Hospital
AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT MAKE READY - B

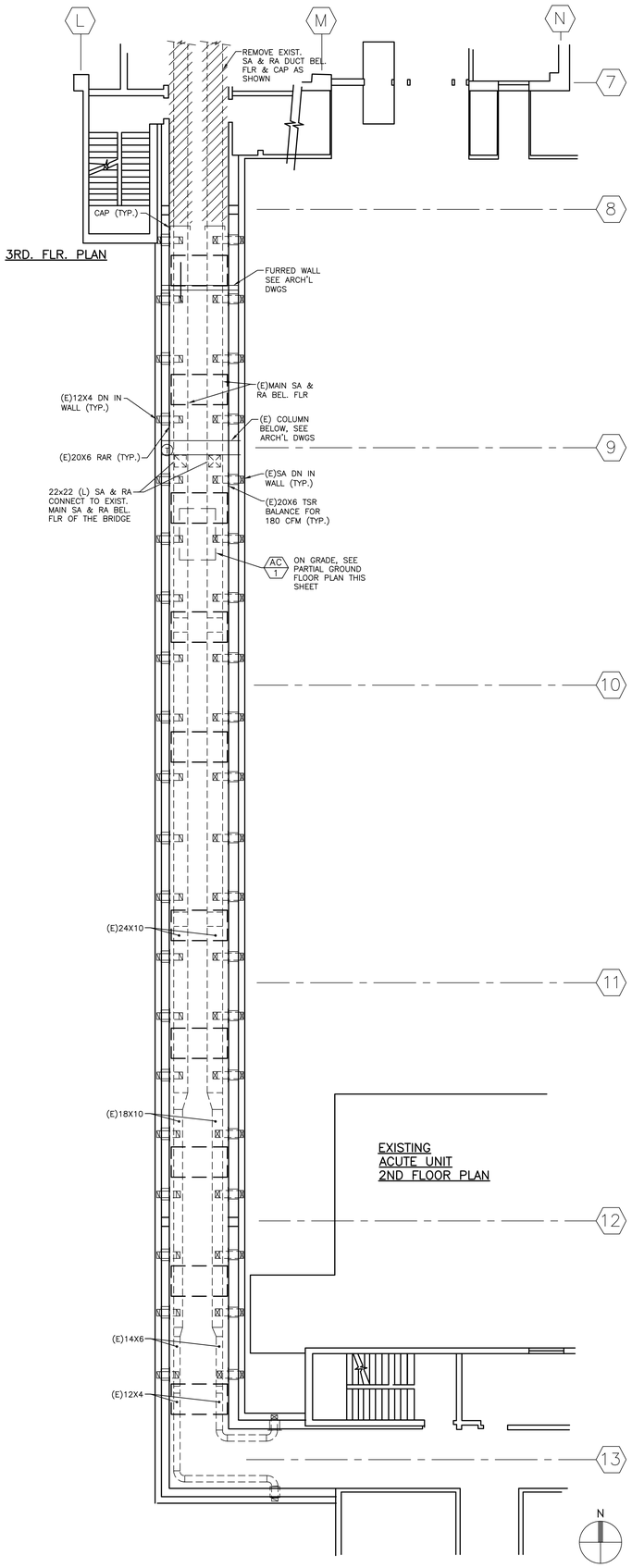
1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE:

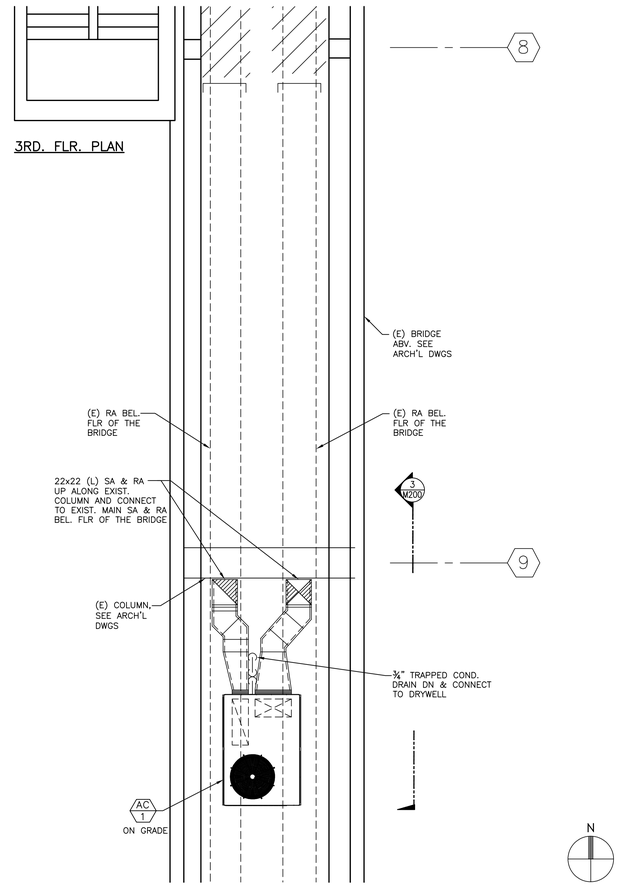
DESCRIPTION
BASEMENT PLAN

M100-MR-B

Print Date:



BRIDGE FLOOR PLAN | 1/8"=1'-0" | 1



PARTIAL GROUND FLOOR PLAN | 1/4"=1'-0" | 2

SECTION | 1/2"=1'-0" | 2

SECTION | 1/2"=1'-0" | 3

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AGENCY APPROVALS

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ISSUE RECORD

DATE	△	DESCRIPTION
02/05/2025	1	MECHANICAL BACK CHECK 1

Martin Luther King, Jr. Community Hospital

Martin Luther King Jr. Community Hospital AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT MAKE READY - B

1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE:

DESCRIPTION
BRIDGE FLOOR PLAN AND SECTION

M200-MR-B

Print Date:

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
This document is used to demonstrate compliance for mechanical systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, or 141.0(b)2 for alterations.		
Project Name: MLK Hawkins Demo	**Report Page:**	**(Page 1 of 10)**
Project Address: 1720 East 120th St	**Date Prepared:**	1/31/2025

A. GENERAL INFORMATION

01	Project Location (city)	Los Angeles	04	Total Conditioned Floor Area	2080
02	Climate Zone	8	05	Total Unconditioned Floor Area	0
03	Occupancy Types Within Project:		06	# of Stories (Habitable Above Grade)	1
• All Other Occupancies					

B. PROJECT SCOPE

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

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

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: MLK Hawkins Demo	**Report Page:**	**(Page 2 of 10)**
	Date Prepared:	1/31/2025

C. COMPLIANCE RESULTS

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

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

D. EXCEPTIONAL CONDITIONS

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

E. ADDITIONAL REMARKS

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

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

Space Conditioning System Information

01 System Name	02 Quantity	03 System Serving	04 System Status	05 Space Type	06 Utilizing Recovered Heat
AC-1	1	Single zone	New/ Addition		☐

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: MLK Hawkins Demo	**Report Page:**	**(Page 3 of 10)**
	Date Prepared:	1/31/2025

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

Dry System Equipment Sizing (includes air conditioners, condensers, heat pumps, VRF, furnaces and unit heaters and DOAS systems)

01	02	03	04	05	06	07	08	09	10	11
				Equipment Sizing per Mechanical Schedule (kBtu/h) 140.4(a&b), 170.2(c)1 & 170.2(c)2						
				Heating Output[1,3]			Cooling Output[1,3]		Load Calculations[3,4]	
Name or Item Tag	Equipment Category per Tables 110.2, 140.4(a)2 and 170.2(c)3ii	Equipment Type per Tables 110.2 and Title 20	Smallest Size Available[3] 140.4(a) and 170.2(c)1	Per Design (kBtu/h)	Rated (kBtu/h)	Supp. Heating Output (kBtu/h)	Sensible Per Design (kBtu/h)	Rated (kBtu/h)	Total Heating Load (kBtu/h)	Total Sensible Cooling Load (kBtu/h)
AC-1	Unitary Heat Pumps	Air-cooled, pkg (3 phase)	NA: Load Controls	95.43	114	0	105.53	90	156.06	170.02

[1] FOOTNOTES: Equipment shall be the smallest size, within the available options of the desired equipment line, necessary to meet the design heating and cooling loads of the building per 140.4(a) and 170.2(c)1. Healthcare facilities are excepted.
[2] It is common practice to show rated output capacity on the equipment schedule. Sensible cooling output comes from specification sheet tables.
[3] If equipment is heating only, leave cooling output and load blank. If equipment is cooling only, leave heating output and load blank.
[4] Authority Having Jurisdiction may ask for load calculations used for compliance per 140.4(b) and 170.2(c).

Dry System Equipment Efficiency (other than Package Terminal Air Conditioners (PTAC) and Package Terminal Heat Pumps (PTHP), DX-DOAS and Dual Fuel Heat Pumps)

01	02	03	04	05	06	07	08	09
		Heating Mode				Cooling Mode		
Name or Item Tag	Size Category (Btu/h)	Rating Condition (°F)	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency
AC-1	>=65,000 and <135,000		COP	3.4	3.4	EER IEER	11 14.1	11 14.6

G. PUMPS

This section does not apply to this project.

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: MLK Hawkins Demo	**Report Page:**	**(Page 4 of 10)**
	Date Prepared:	1/31/2025

H. FAN SYSTEMS & AIR ECONOMIZERS

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

System Name	AC-1	Quantity	1	Fan System Status	New	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	5,000	Site Elevation	270	Economizer	NA: Special OA filtration
01	02	03	04			05		06	07	08	09			10	11
									Allowance		Design				
Fan Name or Item Tag	Fan Type	Qty	Component			Airflow through Component (%)		Water Gauge (w.g)	Component Allowance	Fan Allowance (watt/cfm)[3]	Design Electrical Input Power Method			Motor Nameplate Horsepower	Design Electrical Input Power (kW)
SF	Supply	1	Base Allowance for system serving spaces <=6 floors away			5,000			1160		Manufacturer provided				2.49
			MERV 13-16 Filter upstream of therml conditioning equipment			5,000			695						
			Hydronic/DX cooling coil or heat pump coil			5,000			695						
Supply Fan Base Allowance (kW)			Exhaust/Return/Relief/Transfer Fan Base Allowance(kW)						Fan System Allowance (kW)[3]		2.55		Fan System Electrical Output (kW)		2.49

[1] FOOTNOTES: Fans serving spaces with design background noise goals below NC35
[2] Low-turndown single-zone VAV fan system must be capable of and configured to reduce airflow to 50 percent of design airflow and use no more than 30 percent of the design wattage at that airflow. No more than 10 percent of the design load served by the equipment shall have fixed loads.
[3] Fan system allowance includes fan system base allowance.
[4] Filter pressure loss can only be counted once per fan system.
[5] Complex Fan System means a fan system that combines a single cabinet fan system with other supply fans, exhaust fans, or both.
[6] Computer room economizers must meet requirements of 140.9(a) and will be documented on the NRCC-PRC-E document..

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: MLK Hawkins Demo	**Report Page:**	**(Page 5 of 10)**
	Date Prepared:	1/31/2025

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

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

Fan Energy Index (FEI)

01 Name or Item Tag	02 FEI Exception	03 FEI
AC-1	Altered Fan System	

I. SYSTEM CONTROLS

This table is used to demonstrate compliance with mandatory controls in 110.2 and 120.2 and prescriptive controls in 140.4(f) and (n), 170.2(c)4D 170.2(c)4L or requirements in 141.0(b)2E 180.2(b)2 for altered space conditioning systems.

01	02	03	04	05	06	07	08	09
System Name	System Zoning	Conditioned Floor Area Being Served (ft²)	Thermostats 110.2(b) & (c)[1], 120.2(a) 160.3(a)2A or 141.0(b)2E & 180.2(b)2	Shut-Off Controls 120.2(e) & 160.3(a)2D	Isolation Zone Controls 120.2(g) & 160.3(a)2F	Demand Response 110.12 120.2(b) & 160.3(a)2B	Supply Air Temp. Reset 140.4(f) & 170.2(c)4D	Window Interlocks per 140.4(n) & 170.2(c)4D
AC-1	Single zone	<= 25,000 ft²	Setback	Auto Timer Switch	4 Hour Timer	EMCS	NA: Healthcare only	NA: HRR dwelling unit

[1] FOOTNOTES: Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to have setback thermostats.

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: MLK Hawkins Demo	**Report Page:**	**(Page 6 of 10)**
	Date Prepared:	1/31/2025

J. VENTILATION AND INDOOR AIR QUALITY

This table is used to demonstrate compliance with mandatory ventilation requirements in 120.1 120.2(e)3i8 140.4(p) and 140.4(q) for all nonresidential and hotel/motel and dt24refnolink/1160.2, 160.3(a)3D, 170.2(a)4N, 170.2(a)4O for high-rise residential occupancies. For alterations, only ventilation systems being altered within the scope of the permit application are to be documented in this table. Refer to Mas table and record outdoor ventilation rates and airflows can be shown on the plans or the calculations can be attached to a spreadsheet.

01	☐	Check the box if the project is showing ventilation calculations on the plans, or attaching the calculations instead of completing this table.
02	☒	Check this box if the project included Nonresidential, Hotel/Motel Spaces or Multifamily Common Use Spaces
03	☐	Check the box if the project is using natural ventilation in any nonresidential or hotel/motel spaces to meet required ventilation rates per 120.1(c)2.

Nonresidential and Hotel/ Motel Multifamily Common Use Ventilation Systems

01	02	03	04	05	06		07
System Name	AC-1	System Design OA CFM Airflow[1]	990	System Design Transfer Air CFM	0		Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21[2]
							Provided
08	09	10	11	12	13	14	15	16
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)3[3] & 160.2(c)3				Exh. Vent per 120.1(c)4 & 160.2(c)4			DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)3[4] 160.2(c)5D 160.2(c)5E 160.2(c)5D
	Occupancy Type[4]	Conditioned Floor Area (ft²)	# of Shower heads/ toilets	# of people[5]	Required Min CFM	Required Min CFM	Provided per Design CFM	
Zone 1	Library - reading room/ stacks	2080			312	0	0	DCV: NA: Not required per §120.1(d)3 Occ Sensor: NA: Not required space type
17	Total System Required Min OA CFM				312	18	Ventilation for this System Complies?	Yes

[1] FOOTNOTES: System CFM should include both mechanical and natural ventilation for the zone/system
[2] Air filtration requirements apply to the following three system types per 120.1(c)1A: space conditioning systems utilizing ducts to supply air to occupiable space; supply-only ventilation systems providing outside air to occupiable space; supply side of balanced ventilation systems including heat recovery and energy recovery ventilation systems providing outside air to occupiable space.
[3] Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence.
[4] See Standards Tables 120.1-A and 120.1-B.

Print Date:

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REGISTERED PROFESSIONAL ENGINEER JOSEPH A. BALBONA No. M 31454 Exp. 12-31-26 MECHANICAL STATE OF CALIFORNIA

LICENSED ARCHITECT SYLVIA BOTERO C-20224 05/31/2025 STATE OF CALIFORNIA

AGENCY APPROVALS

OSHPD #

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E2DI
Consulting Engineers
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MONROVIA, CA. 91016 TEL.
626.359.7231. FAX. 626.359.7838

ISSUE RECORD
02/05/2025 A MECHANICAL BACK CHECK 1

DATE DESCRIPTION

Martin Luther King, Jr. Community Hospital

Martin Luther King Jr. Community Hospital AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT MAKE READY - B

1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE:

DESCRIPTION
TITLE 24 CERTIFICATE OF COMPLIANCE

M300-MR-B

J. VENTILATION AND INDOOR AIR QUALITY

[3] For lecture halls with fixed seating, the expected number of occupants shall be determined in accordance with the California Building Code.

[4] 120.2(e)3 requires systems serving rooms that are required by 130.1(c) to have lighting occupancy sensing controls to also have occupancy sensing zone controls for ventilation. Examples of spaces which require lighting occupancy sensors include offices 250ft² or smaller, multipurpose rooms less than 1,000 ft², classrooms, conference rooms, restrooms, aisles and open areas in warehouses, library book stack aisles, corridors, stairwells, parking garages, and loading and unloading zones, unless excepted by 130.1(c).

K. TERMINAL BOX CONTROLS

This section does not apply to this project.

L. DISTRIBUTION (DUCTWORK and PIPING)

This table is used to show compliance with mandatory pipe insulation requirements found in 120.3 and mandatory requirements found in 120.4(g) for duct sealing.

01	☐	Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service. Insulation covering chilled water piping and refrigerant suction piping located outside the conditioned space shall have a Class I or Class II vapor retarder. All penetrations and joints of which shall be sealed.

Duct Leakage Testing

The answers to the questions below apply to the following duct systems:	AC-1	**NR/ Common Use:** Duct leakage testing shall not exceed 6% per NA7.5.3 required for these systems?	No

L. DISTRIBUTION (DUCTWORK and PIPING)

			Dwelling Units: Total duct leakage of duct system shall not exceed 12% or duct system to outside shall not exceed 6% per RA3.1.4 required for systems?	No
			Duct leakage testing per CMC Section 603.10.1 required for these systems?	Yes
11	No	The scope of the project includes only duct systems serving healthcare facilities		
12	Yes	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.		
13	Yes	The space conditioning system serves less than 5,000 ft² of conditioned floor area.		
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:		
15		The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.		
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.		
17		All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A		
18		All ductwork is an extension of an existing duct system		
19		Ductwork serving individual dwelling unit		
20		< 25 ft of new or replacement space conditioning ducts installed		
21	R-8	Duct Insulation R-value		
22				
23				

M. COOLING TOWERS

This section does not apply to this project.

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

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

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCA/

Form/Title	Systems/Spaces To Be Field Verified
NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.	York XXE12;
NRCA-MCH-03-A - Constant Volume Single Zone HVAC NOTE: This form does not automatically move to "Yes'. If Constant Volume Single Zone HVAC Systems are included in the scope, permit applicant should move this form to "Yes".	York XXE12;
NRCA-MCH-11-A Automatic Demand Shed Controls	York XXE12;
NRCA-MCH-18-A Energy Management Control Systems	York XXE12;

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no NRCV forms required for this project.

Q. MANDATORY MEASURES DOCUMENTATION LOCATION

This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

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

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name: Clody Brion	Documentation Author Signature:
Company: E2DI Inc.	Signature Date: 2025-01-31
Address: 911 S. Primrose Ave.	CEA/ HERS Certification Identification (if applicable): M31454
City/State/Zip: Monrovia CA 91016	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Clody Brion	Responsible Designer Signature:
Company: E2DI Consulting Engineers	Date Signed: 2025-01-31
Address: 911 S. Primrose Ave. Suite A	License: M-31454
City/State/Zip: Monrovia CA 91016	Phone: (626) 359-7231

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AGENCY APPROVALS

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ISSUE RECORD

DATE		DESCRIPTION
02/05/2025	1	MECHANICAL BACK CHECK 1

Martin Luther King, Jr. Community Hospital

Martin Luther King Jr. Community Hospital
AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT MAKE READY - B

1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE:

DESCRIPTION
TITLE 24 CERTIFICATE OF COMPLIANCE

M400-MR-B

Print Date:

TYPICAL SYMBOL LIST

- DENOTES WALL MOUNTED 15A OR 20A (AS REQUIRED BY CODE), 125V-2P-3W DUPLEX RECEPTACLE WITH COVERPLATE, + 18" AFF, UON.
- DENOTES WALL MOUNTED 15A-125V-2P-3W DOUBLE DUPLEX RECEPTACLE WITH COVERPLATE, + 18" AFF, UON
- DENOTES FLUSH FLOOR MOUNTED 15A OR 20A (AS REQUIRED BY CODE), 125V-2P-3W DUPLEX RECEPTACLE WITH ALL REQUIRED FITTINGS. VERIFY FLOOR COVERING AND TYPE, UON.
- DENOTES FLUSH FLOOR MOUNTED 15A, 125V-2P-3W DOUBLE DUPLEX RECEPTACLE WITH ALL REQUIRED FITTINGS. VERIFY FLOOR COVERING AND TYPE, UON.
- W/P DENOTES FLUSH MOUNTED 15A OR 20A (AS REQUIRED BY CODE), 125V-2P-3W GFI RATED WEATHERPROOF DUPLEX RECEPTACLE, UON.
- DENOTES WALL MOUNTED 15A OR 20A (AS REQUIRED BY CODE), 125V-2P-3W DUPLEX RECEPTACLE WITH 1 /2 HOT AND 1 /2 SWITCHED MOUNTED +18" AFF,UON.
- DENOTES WALL MOUNTED SIMPLEX RECEPTACLE WITH AMPS AS NOTED BY THE SUBSCRIPT AND VOLTAGE RATING AND POLES TO MATCH CIRCUIT, + 18" AFF, UON.
- DENOTES WALL MOUNTED TELPHONE OUTLET, +18" AFF, UON.
- DENOTES WALL MOUNTED DATA OUTLET, +18" AFF, UON.
- DENOTES WALL MOUNTED TELE/COM OUTLET, +18" AFF, UON.
- DENOTES FLUSH FLOOR MOUNTED TELEPHONE OUTLET WITH ALL REQUIRED FITTINGS. VERIFY THE FLOOR COVERING AND TYPE, UON.
- DENOTES FLUSH FLOOR MOUNTED DATA OUTLET WITH ALL REQUIRED FITTINGS. VERIFY FLOOR COVERING AND TYPE, UON.
- DENOTES FLUSH FLOOR MOUNTED TELE/COM OUTLET WITH ALL REQUIRED FITTINGS. VERIFY FLOOR COVERING AND TYPE, UON.
- DENOTES FIXTURE WITH AN INTEGRAL 90-MINUTE BATTERY PACK, UON.
- DENOTES JUNCTION BOX.
- DENOTES JUNCTION BOX.
- DENOTES WALL MOUNTED TELEVISION OUTLET, +18" AFF, UON.
- DENOTES WALL MOUNTED CLOCK OUTLET, +78" AFF, UON.
- DENOTES FUSED DISCONNECT SWITCH, EXTERNALLY OPERATED WITH AMPS AND POLE AS NOTED BY SUBSCRIPT.
- DENOTES DISCONNECT AND CONTROL DEVICE FOR PLUMBING AND MECHANICAL EQUIPMENT. VERIFY ALL REQUIREMENTS WITH THE APPROPRIATE PLANS PRIOR TO BID AND INCLUDE ALL COSTS IN BID.
- DENOTES NON-FUSED DISCONNECT SWITCH, EXTERNALLY OPERATED WITH AMPS AND POLE AS NOTED BY SUBSCRIPT.
- DENOTES COMINATION MAGNETIC MOTOR STARTER WITH RATING, POLE AND OVERLOAD PER HORSEPOWER REQUIREMENTS, UON.
- DENOTES PUMP, UON.
- DENOTES MOTOR, UON.
- DENOTES FAN, UON.
- DENOTES SURFACE MOUNTED PANELBOARD, UON.
- DENOTES SURFACE MOUNTED TERMINAL CABINET, UON.
- DENOTES FLUSH MOUNTED PANELBOARD, VERIFY WALL THICKNESS PRIOR TO INSTALLATION, UON.
- DENOTES FLUSH MOUNTED TERMINAL CABINET, VERIFY WALL THICKNESS PRIOR TO INSTALLATION, UON.
- DENOTES HVAC OR PLUMBING EQUIPMENT TYPE - REFER TO APPROPRIATE PLANS.
- DENOTES EXIT SIGN WITH ARROWS AND FACES AS REQUIRED, (SEE FIXTURE LIST), UON.
- DENOTES PLYWOOD TELEPHONE BACKBOARD (WITH SIZE AS INDICATED) WITH 1 #6 CU, 1" C. TO BUILDING GROUND

NOT ALL OF THE SYMBOLS LISTED ABOVE APPEAR ON THE ENCLOSED PLANS. WALL MOUNTED RECEPTACLES AND TELEPHONE, DATA AND TELE/COM OUTLETS SHALL NOT BE MOUNTED HIGHER THAN +46" AFF NOR ABOVE ANY OBSTRUCTION LARGER THAN 36"Hx24"D. ANY DEVICE MOUNTED ABOVE AN OBSTRUCTION SHALLNOT EXCEED +42"AFF

ABBREVIATIONS

A	AMPS
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AL	ALUMINUM
AM	AMP METER
ARCH	ARCHITECT OR ARCHITECTURAL
BKBD	BACKBOARD
C	CONDUIT WITH CONDUCTORS
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CF	COMPACT FLUORESCENT
CO	CONDUIT ONLY (NO CONDUCTORS)
CU	COPPER
CW	COLD WATER
D	DEPTH OR DEEP
DIST.	DISTRIBUTION
DL	DAMP LOCATION LISTED
DW	DISH WASHER
EC	ELECTRICAL CONTRACTOR
EDF	ELECTRIC DRINKING FOUNTAIN
ELEV	ELEVATOR
EM	EMERGENCY
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
FIX.	FIXTURE
FLR	FLOOR
FLUOR	FLUORESCENT
FTG	FOOTING
GC	GENERAL CONTRACTOR
GD	GARBAGE DISPOSER
GFI	GROUND FAULT INTERRUPTOR
GFR	GROUND FAULT RELAY
GG	GREEN GROUND WIRE CODE SIZED, U.O.N.
GRD	GROUND
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HT	HEIGHT
INCAND	INCANDESCENT
J-BOX	JUNCTION BOX, CODE SIZED, U.O.N.
LOC	LOCATION OR LOCATED
LPS	LOW PRESSURE SODIUM
LTG	LIGHTING
M	METER
MANUF	MANUFACTURER
ME	MECHANICAL ENGINEER
MECH	MECHANICAL
MH	METAL HALIDE
MTD	MOUNTED
MTG	MOUNTING
MW	MICROWAVE
NIC	NOT IN CONTRACT
N/L	NIGHT LIGHT
P	POLE
PB	PULLBOX CODE SIZED U.O.N.
PC	PHOTOCELL
PCTC	PHOTOCELL 'ON', TIMECLOCK 'OFF'
PH	PHASE
PL	PILOT LIGHT
PLUMB	PLUMBING
PNL	PANEL
PS	PULL SECTION
PWR	POWER
RECEPT	RECEPTACLE
REFER	REFRIGERATOR
REQ	REQUIRED
RM	ROOM
SC	SEPARATE CIRCUIT
SE	STRUCTURAL ENGINEER
SFD	SMOKE FIRE DAMPER
SW	SWITCH
SWGR	SWITCHGEAR
T/C	TRASH COMPACTOR
TC	TIMECLOCK
TCPC	TIMECLOCK 'ON' PHOTOCELL 'OFF'
TELE	TELEPHONE OR TELECOMMUNICATIONS
TRANSF	TRANSFORMER
TV	TELEVISION
TYP	TYPICAL
UGPS	UNDERGROUND PULLSECTION
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VM	VOLT METER
W	WATTS
WH	WATER HEATER
WP	WEATHERPROOF

NOT ALL ABBREVIATIONS ABOVE ARE USED ON THESE PLANS. FOR ABBREVIATIONS USED ON THESE PLANS NOT LISTED ABOVE, REFER TO AMERICAN NATIONAL STANDARDS INSTITUTE STANDARDS OR TO INDUSTRY STANDARD ABBREVIATIONS.

GENERAL NOTES

1) DESIGN IS BASED ON TYPE THW (75 DEGREE) COPPER CONDUCTORS.
2) ALL CONDUCTORS SHALL BE COPPER UNLESS SPECIFICALLY NOTED.
3) IF ANY ITEMS INDICATED IN THE PLANS OR SPECIFICATIONS ARE IN CONFLICT OR ARE INCONSISTANT WITH CODE REQUIREMENTS, THE ITEM WHICH PRESCRIBES THE MORE COMPLETE JOB OR HIGHER STANDARD SHALL PREVAIL.
4) EC SHALL BE RESPONSIBLE FOR CONFORMITY TO ALL LOCAL CODES AND ORDINANCES, THE STATE OF CALIFORNIA SAFETY ORDERS, THE NATIONAL ELECTRICAL CODE AND ANY ADDITIONAL JURISDICTIONS PERTAINING TO THIS WORK.
5) EC SHALL VERIFY THE EXISTING SITE CONDITIONS, SERVICE REQUIREMENTS AND EXACT LOCATIONS OF ALL EXISTING ITEMS PRIOR TO BID.
6) ALL EXTERIOR RECEPTACLES INCLUDING ROOF OR MECHANICAL AREA RECEPTACLES SHALL BE GFI TYPE, WEATHER RESISTANT RATED IN A WEATHERPROOF ENCLOSURE WITH A HEAVY DUTY "IN USE" COVER.

WIRE LEGEND

- DENOTES 2 #12, 1/2" CONDUIT, UON.
- DENOTES 3 #12, 1/2" CONDUIT ,UON.
- DENOTES 4 #12, 3/4" CONDUIT, UON.
- DENOTES 5 #12, 3/4" CONDUIT, UON.
- DENOTES 6 #12, 3/4" CONDUIT, UON.
- DENOTES 7 #12, 3/4" CONDUIT, UON.
- DENOTES 8 #12, 1" CONDUIT, UON.

CONDUIT LEGEND

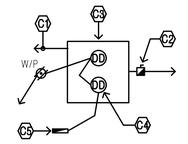
- DENOTES CONDUIT CONCEALED IN WALL, CEILING, OR ABOVE CEILING, UON.
- DENOTES CONDUIT CONCEALED IN FLOOR, BELOW FLOOR, OR BELOW GRADE, UON.
- DENOTES FLEXIBLE CONDUIT (UON) TO BE USED FOR FINAL CONNECTIONS TO LIGHTING FIXTURES; VIBRATING, MOVABLE, ROTATING EQUIPMENT.
- DENOTES CONDUIT STUB-OUT, CAP AND MARK.

TYPICAL SWITCH SYMBOLS

- S DENOTES WALL MOUNTED, SINGLE POLE TOGGLE SWITCH, VOLTAGE AS REQUIRED, UON.
- S3 DENOTES WALL MOUNTED, THREE WAY TOGGLE SWITCH, VOLTAGE AS REQUIRED, UON.
- S4 DENOTES WALL MOUNTED, FOUR WAY TOGGLE SWITCH, VOLTAGE AS REQUIRED, UON.
- ST DENOTES WALL MOUNTED, TIMER (0 - 2 HOUR) SWITCH, VOLTAGE AS REQUIRED, UON.
- SM DENOTES WALL MOUNTED, MOTION SENSOR SWITCH, VOLTAGE AS REQUIRED, UON.
- D DENOTES WALL MOUNTED, DIMMER TYPE SWITCH, LUTRON NOVA T-STAR SERIES, RATING TO MATCH LOAD SERVED NOTE: DO NOT DERATE DIMMERS BY REMOVING SIDE SECTIONS WHEN INSTALLING IN GROUPS UNLESS SPECIFICALLY INSTRUCTED IN WRITING BY ENGINEER.
- ALL SWITCHES LISTED ABOVE SHALL BE MOUNTED +42" A.F.F AND SHALL NOT BE LOCATED ABOVE ANY OBSTRUCTION GREATER THAN 34"H x 24"D.
- SMALL CASE LETTERS (ex a,b,c) USED IN CONJUNCTION WITH SWITCH SYMBOL(S) INDICATE NUMBER OF SWITCHES AT THAT LOCATION.

SHP DENOTES EXO MOUNTED HORSEPOWER RATED TOGGLE SWITCH AT MOTOR VOLTAGE AS REQUIRED. EXTERIOR SWITCHES SHALL HAVE WEATHERPROOF BOX.

HVAC WIRING AND CONTROL DETAIL



C1 SEE MECH PLANS FOR CONTROL DIAGRAMS FOR EXACT SCOPE OF WORK. PROVIDE AND INSTALL ALL CONDUIT AND DEVICES (IF REQUIRED) FOR A COMPLETE AND OPERATING SYSTEM.

C2 MECH CONTROL/DISCONNECT DEVICE AS REQUIRED BY MECH PLANS AND CONTROL DIAGRAMS.

C3 HVAC/PLUMB EQUIPMENT. SEE MECH PLANS FOR EXACT LOCATION.

C4 CONNECT TO DUCT DETECTOR SHUTDOWN WHERE REQUIRED BY CODE. CONNECT SECOND DUCT DETECTOR WHERE REQUIRED BY CODE. SEE MECH PLANS.

C5 CONNECT TO FIRE ALARM SYSTEM OR PROVIDE AND INSTALL MONITORING SYSTEM AS FOLLOWS:

A) CENTRAL AUDIO/VISUAL MONITOR IN NORMALLY OCCUPIED AREA WITH FINAL LOCATION AS APPROVED BY THE LOCAL FIRE MARSHAL.

B) MONITOR SHALL SIGNAL TROUBLE ALARM.

C) MONITOR ALL DUCT DETECTORS AS A GROUP, NOT INDIVIDUALLY. DUCT DETECTORS SHALL SHUT DOWN INDIVIDUAL UNITS ONLY.

D) MONITOR SHALL CONFORM TO NFPA 90A AND ALL LOCAL REQUIREMENTS.

HVAC NOTES

1) VERIFY ALL FUSE SIZES AND TYPES WITH THE AC EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
2) REVIEW ALL MECH PLANS FOR HVAC/PLUMB CONTROL REQUIREMENTS AND SCOPE OF WORK PRIOR TO BIDDING AND INCLUDE ALL COSTS IN BID.
3) VERIFY CONNECTION POINTS ON ALL ITEMS PRIOR TO INSTALL.
4) PROVIDE AND INSTALL W/P GFI RECEPTACLES PER CODE.
5) ALL DEVICES IN EXTERIOR OR PLENUM AREAS SHALL BE W/P.

MAKE READY SCOPE FOR COUNTY REVIEW

1) THE EXISTING BRIDGE LIGHTING AND PARK IRRIGATION LOADS SHALL BE DISCONNECTED FROM HAWKINS BUILDING PANELS AS FOLLOWS:
   UNDERNEATH BRIDGE (NORMAL) - H3D-40,42
   INTERIOR BRIDGE (NORMAL) - H3D-3,5
   INTERIOR BRIDGE (EMERGENCY) - H3E-1
   PARK IRRIGATION (NORMAL) - L1DA-30; L1A-32
   INTERIOR BRIDGE VENTILATION - FIELD VERIFY.
2) THESE LOADS SHALL BE RECONNECTED TO BEHAVIORAL HEALTH CENTER (BHC) PANELS AS FOLLOWS:
   UNDERNEATH BRIDGE (NORMAL) - LPN3DHA-29,31; EXIST BREAKER; 1.4A+4.3A
   INTERIOR BRIDGE (NORMAL) - LPN3DHA-33,35; EXIST BREAKER; 1.4A+1.3A
   INTERIOR BRIDGE (EMERGENCY) - LPLS3DHA-9; EXIST BREAKER; 0.58A
   PARK IRRIGATION (NORMAL) - SITE IRRIGATION
   INTERIOR BRIDGE VENTILATION - PPN2DHA-2,4,6; 40A, 3P BREAKER; 29.1A
3) ELEVATOR/STAIR TOWER LOADS ARE EXISTING AND CONNECTED TO BHC PANELS, PROTECT IN PLACE.

DRAWING INDEX

DWG. NO.	DESCRIPTION
E000-MR-B	ELECTRICAL NOTES
E001-MR-B	CAMPUS SINGLELINE DIAGRAM
E002-MR-B	HAWKINS BUILDING SINGLELINE DIAGRAM
E100-MR-B	SITE PLAN
E104-MR-B	HAWKINS THIRD FLOOR PLAN
E105-MR-B	BHC THIRD FLOOR PLAN

RBB ARCHITECTS INC

Joseph A. Balbona, AIA
Sylvia Botero, AIA
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90024-3905

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REGISTERED PROFESSIONAL ENGINEER — ERIK BOTERO — EXP. 08/30/25 — ELECTRICAL — STATE OF CALIFORNIA
DATE SIGNED: 08-16-2024

LICENSED ARCHITECT — SYLVIA BOTERO — C-20224 — 05/31/2025 — STATE OF CALIFORNIA

AGENCY APPROVALS

OSHPD #

CONSULTANT

ENGINEERED DYNAMIC DESIGN, INC.
E2DI
Consulting Engineers
911 S. PRIMROSE AVE. SUITE A,
MONROVIA, CA. 91016 TEL.
626.359.7231. FAX. 626.359.7838

ISSUE RECORD

DATE		DESCRIPTION

Martin Luther King, Jr. Community Hospital

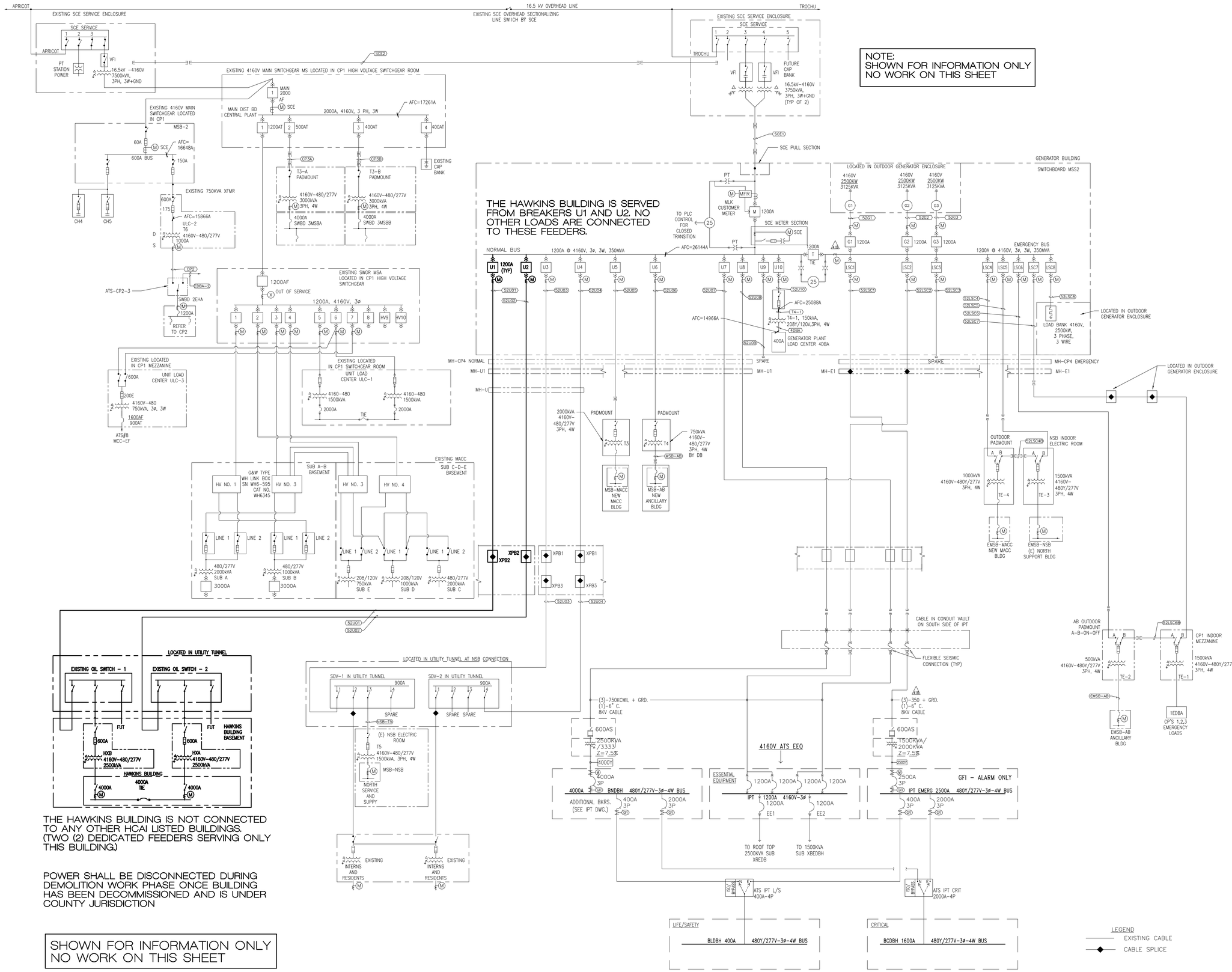
Martin Luther King Jr. Community Hospital
AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT MAKE READY - B

1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: ! BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: N.T.S.

DESCRIPTION
ELECTRICAL NOTES

E000-MR-B



NOTE:
SHOWN FOR INFORMATION ONLY
NO WORK ON THIS SHEET

THE HAWKINS BUILDING IS NOT CONNECTED TO ANY OTHER HCAI LISTED BUILDINGS. (TWO (2) DEDICATED FEEDERS SERVING ONLY THIS BUILDING.)

POWER SHALL BE DISCONNECTED DURING DEMOLITION WORK PHASE ONCE BUILDING HAS BEEN DECOMMISSIONED AND IS UNDER COUNTY JURISDICTION

SHOWN FOR INFORMATION ONLY
NO WORK ON THIS SHEET

RBB ARCHITECTS INC

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REGISTERED PROFESSIONAL ENGINEER — ERIC ROSENTHAL — E11103 EXP. 06/30/25 — ELECTRICAL — STATE OF CALIFORNIA
DATE SIGNED: 05-16-2024

LICENSED ARCHITECT — SYLVIA BOTERO — C-20224 — 05/31/2025 — STATE OF CALIFORNIA

AGENCY APPROVALS

OSHPD #

CONSULTANT

ENGINEERED DYNAMIC DESIGN, INC.
E2DI
Consulting Engineers
911 S. PRIMROSE AVE. SUITE A,
MONROVIA, CA. 91016 TEL.
626.359.7231. FAX. 626.359.7838

ISSUE RECORD

DATE	△	DESCRIPTION

Martin Luther King, Jr. Community Hospital

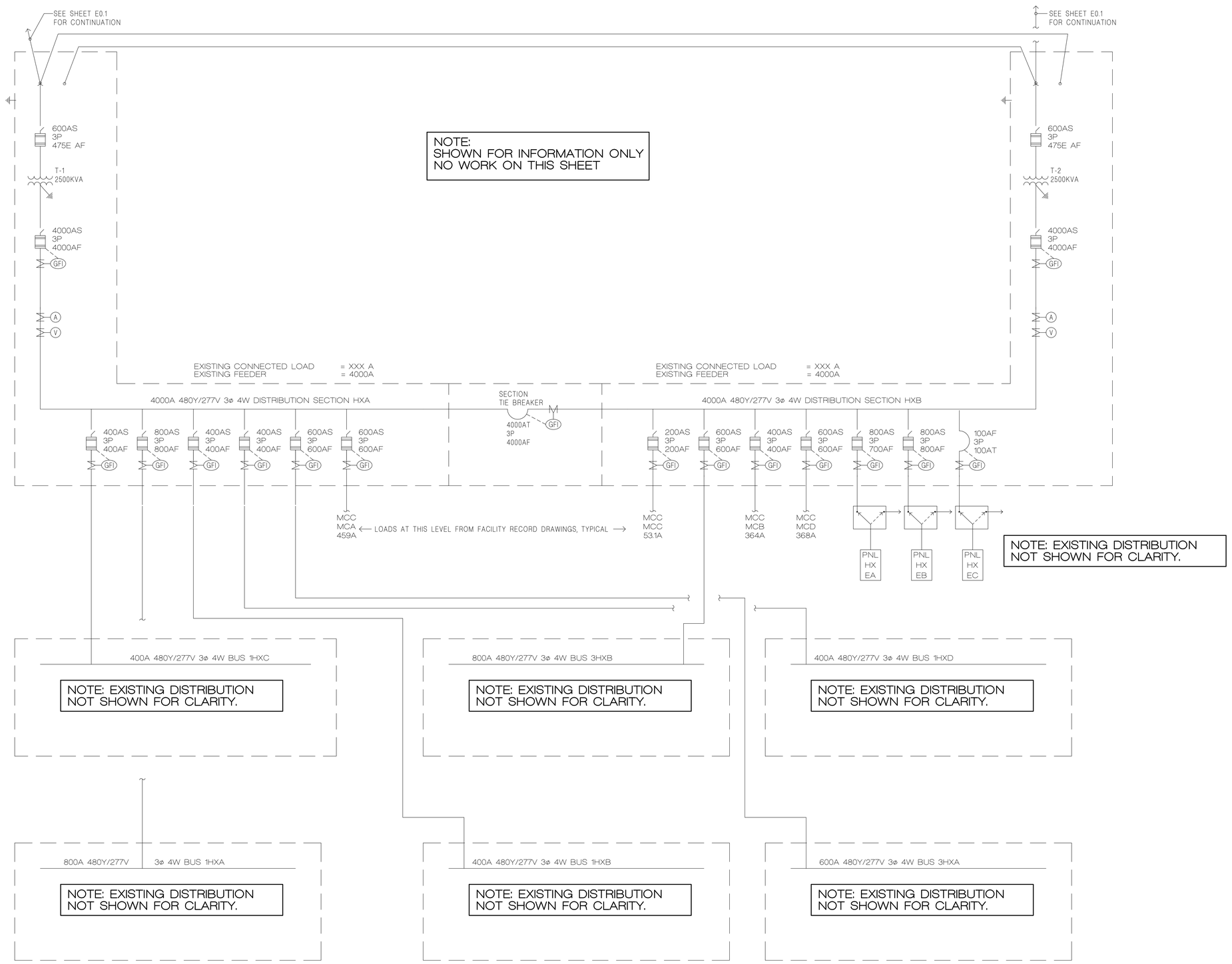
Martin Luther King Jr. Community Hospital
AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT
MAKE READY - B

1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: ' BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: N.T.S.

DESCRIPTION
CAMPUS SINGLELINE DIAGRAM

E001-MR-B



RBB ARCHITECTS INC

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REGISTERED PROFESSIONAL ENGINEER
E11133
EXP. 06/30/25
ELECTRICAL
STATE OF CALIFORNIA
DATE SIGNED: 05-16-2024

LICENSED ARCHITECT
SYLVIA BOTERO
C-20224
05/31/2025
STATE OF CALIFORNIA

AGENCY APPROVALS

OSHPD #

CONSULTANT

ENGINEERED DYNAMIC DESIGN, INC.
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Consulting Engineers
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626.359.7231. FAX. 626.359.7838

ISSUE RECORD

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Martin Luther King, Jr. Community Hospital

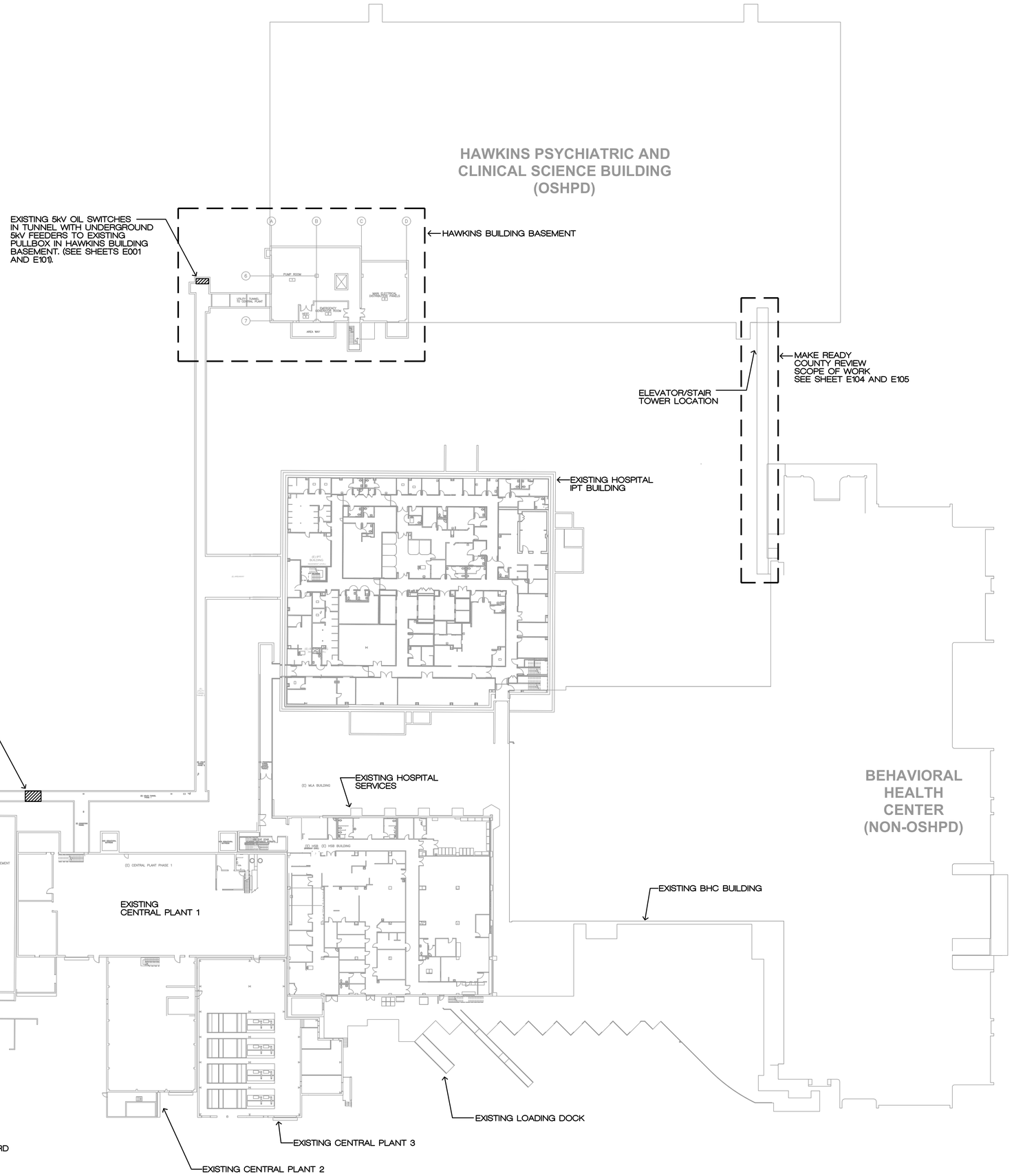
Martin Luther King Jr. Community Hospital
AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT MAKE READY - B

1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: ı BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: N.T.S.

DESCRIPTION
HAWKINS BUILDING
SINGLELINE
DIAGRAM

E002-MR-B



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REGISTERED PROFESSIONAL ENGINEER — E11133 EXP. 06/30/25 — ELECTRICAL — STATE OF CALIFORNIA
DATE SIGNED: 05-16-2024

LICENSED ARCHITECT — SYLVIA BOTERO — C-20224 — 05/31/2025 — STATE OF CALIFORNIA

AGENCY APPROVALS

OSHPD #

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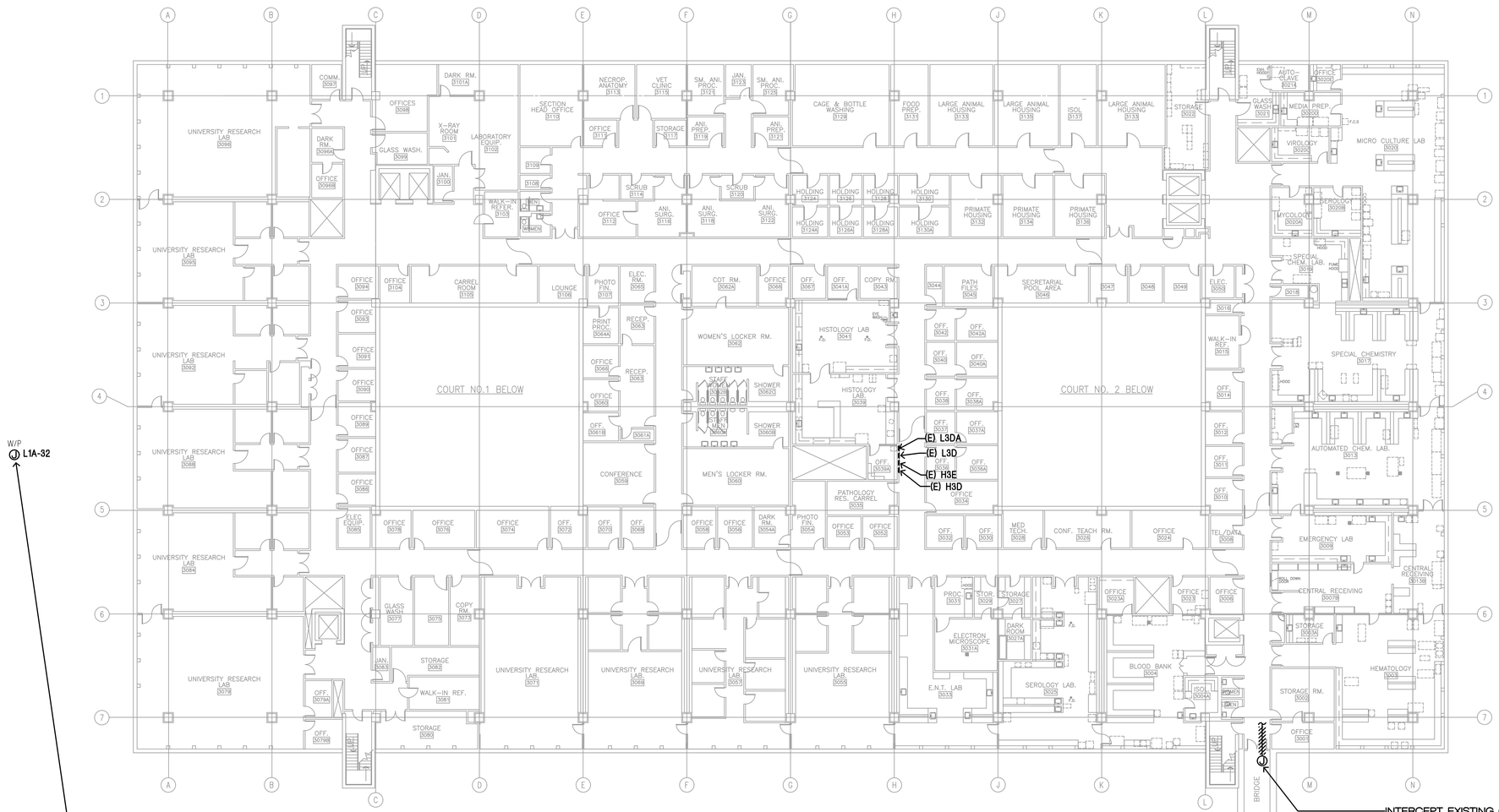
Martin Luther King Jr. Community Hospital
AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT
MAKE READY - B

1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: 1"=30'-0"

DESCRIPTION
SITE PLAN

E100-MR-B



W/P
L1A-32

APPROXIMATE LOCATION OF IRRIGATION CONTROLLERS. VERIFY EXACT LOCATION IN FIELD. DISCONNECT AT PANEL AND CONTROLLER, AND RECONNECT TO EXISTING SITE IRRIGATION SYSTEM. VERIFY EXACT SCOPE OF WORK WITH FACILITIES PERSONNEL, TYPICAL 2.
PANEL L1A NEAR COLUMN B.5,4, FIRST FLOOR.
PANEL L1DA NEAR COLUMN G5, FIRST FLOOR.

W/P
J L1DA-30

AC NOTES

(AC) NEW AC-1 MOUNTED ON SLAB AT GRADE WITH WORK RECEPTACLE (SEE GENERAL NOTE #6, E000) AND DISCONNECT SWITCH. SEE SHEET M-200 FOR MORE INFORMATION. ROUTE CONDUITS UNDER FLOOR WITH AC DUCTS, VERIFY REQUIREMENTS IN FIELD.

INTERCEPT EXISTING CIRCUITS SERVING BRIDGE LIGHTING AND VENTILATION AND DISCONNECT AT FIRST AVAILABLE J-BOX OR PANEL:
H3D-40,42 NORMAL LIGHTING BELOW, PANEL SHOWN ABOVE.
H3D-3,5 NORMAL LIGHTING INTERIOR, PANEL SHOWN ABOVE.
H3E-1 EMERGENCY LIGHTING, PANEL SHOWN ABOVE.
VENTILATION CIRCUITS ARE TO BE FIELD VERIFIED.

W/P GFI
AC
60AS 3P 25AF
W/P
AC 1
J W/P

RPN2ALB-23,25,27,29
SEE SHEET E105 FOR PANEL LOCATION.
4#6, 2#6+1#8 GND (THHN/THWN), 1 1/2" C. (RMC IF EXPOSED, EMT IF CONCEALED). L=250', Vd=2%.
UTILIZE EXISTING SPARE BREAKERS IN PANEL.

4#6+1#8 GND (THHN/THWN), 1 1/4" C. (PVC 40)

INTERCEPT EXISTING CIRCUITS L1D-30,32,34 (COLUMN M.5, 5.5, FIRST FLOOR) AND DISCONNECT AT FIRST AVAILABLE J-BOX AT SIGN.

EXISTING MONUMENT SIGN WITH CONTROLS TO REMAIN

PPN2DHA-2,4,6 SEE SHEET E105 FOR PANEL LOCATION.
3#6+1#10 GND, 1 1/4" C., L=350', Vd=1.8%
INSTALL NEW 40A, 3P, 65 KAIC BREAKER IN PANEL TO MATCH EXISTING BREAKERS.

RBB

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REGISTERED PROFESSIONAL ENGINEER
E11133
EXP. 08/30/25
ELECTRICAL
STATE OF CALIFORNIA
DATE SIGNED: 05-16-2024

LICENSED ARCHITECT
SYLVIA BOTERO
C-20224
05/31/2025
STATE OF CALIFORNIA

AGENCY APPROVALS

OSHPD #

CONSULTANT

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E2DI
Consulting Engineers
911 S. PRIMROSE AVE. SUITE A,
MONROVIA, CA. 91016 TEL.
626.359.7231. FAX. 626.359.7838

ISSUE RECORD

DATE	△	DESCRIPTION

Martin Luther King, Jr. Community Hospital

Martin Luther King Jr. Community Hospital
AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT MAKE READY - B

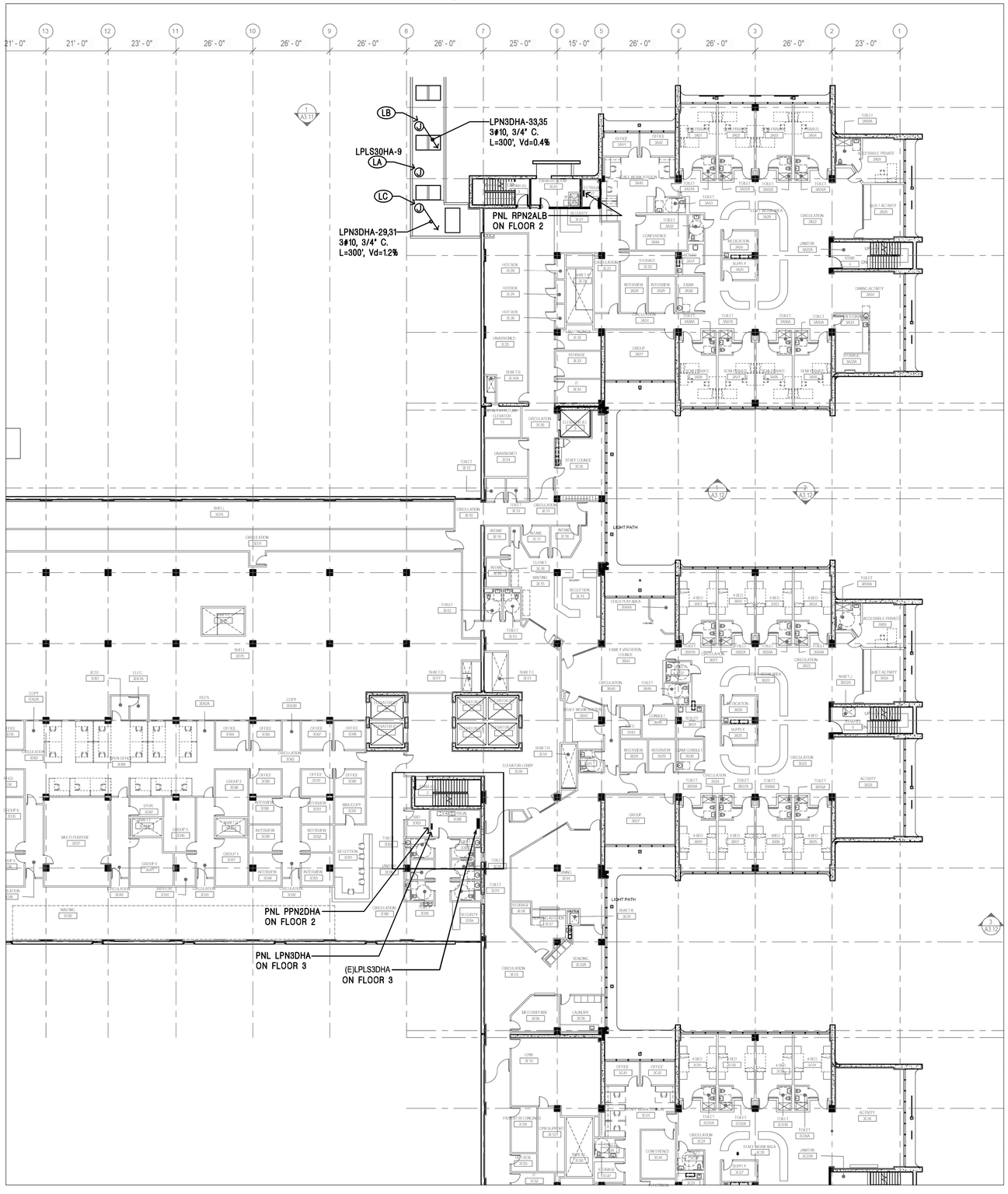
1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: ! BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: 1/16"=1'-0"

DESCRIPTION
HAWKINS BUILDING
THIRD FLOOR PLAN

E104-MR-B

NOTE: LIGHT FIXTURES AN CONTROLS AT BRIDGE (INTERIOR AND BELOW) ARE EXISTING TO REMAIN, TYPICAL



1 **3RD FLOOR PARTIAL PLAN**
1/16" = 1'-0"

LIGHTING NOTES

(LA) INTERCEPT EXISTING LIFE SAFETY CIRCUIT SERVING EXISTING ELEVATOR/STAIR TOWER AT HAWKINS PARK, LPLS3DHA-9 AT BRIDGE AND CONNECT AS REQUIRED TO EXISTING EMERGENCY LIGHTING CIRCUIT IN BRIDGE. PER RECORD DRAWING DATED 05-28-21, EXISTING LOAD ON CIRCUIT 9 = 1031VA AT 277V. NEW LOAD ADDED = 160VA AT 277V. TOTAL LOAD ON CIRCUIT = 1191VA AT 277V = 4.3A TOTAL LOAD ON PANEL = 29.8KVA+0.16KVA NEW= 29.96KVA = 36.05A AT 480V, 3 PHASE.

(LB) INTERCEPT AND EXTEND LIGHT FIXTURE CIRCUITS AT EXISTING FIXTURES IN BRIDGE AND ROUTE NEW HOMERUN TO EXISTING BREAKER IN PANEL SHOWN.

(LC) INTERCEPT AND EXTEND LIGHT FIXTURE CIRCUITS AT EXISTING FIXTURES UNDERNEATH BRIDGE AND ROUTE NEW HOMERUN TO EXIST BREAKER IN PANEL SHOWN.

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REGISTERED PROFESSIONAL ENGINEER — E11133 EXP. 06/30/25 — ELECTRICAL — STATE OF CALIFORNIA
DATE SIGNED: 05-16-2024

LICENSED ARCHITECT — SYLVIA BOTERO — C-20224 — 05/31/2025 — STATE OF CALIFORNIA

AGENCY APPROVALS

OSHPD #

CONSULTANT

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Consulting Engineers
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MONROVIA, CA. 91016 TEL.
626.359.7231. FAX. 626.359.7838

ISSUE RECORD

DATE	DESCRIPTION

Martin Luther King, Jr. Community Hospital

Martin Luther King Jr. Community Hospital
AUGUSTUS F. HAWKINS BUILDING DEMOLITION PROJECT MAKE READY - B

1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: ' BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE: 1/16"=1'-0"

DESCRIPTION
BHC
THIRD FLOOR PLAN

E105-MR-B

KEYNOTES

LEGENDS-SYMBOLS

FIBER

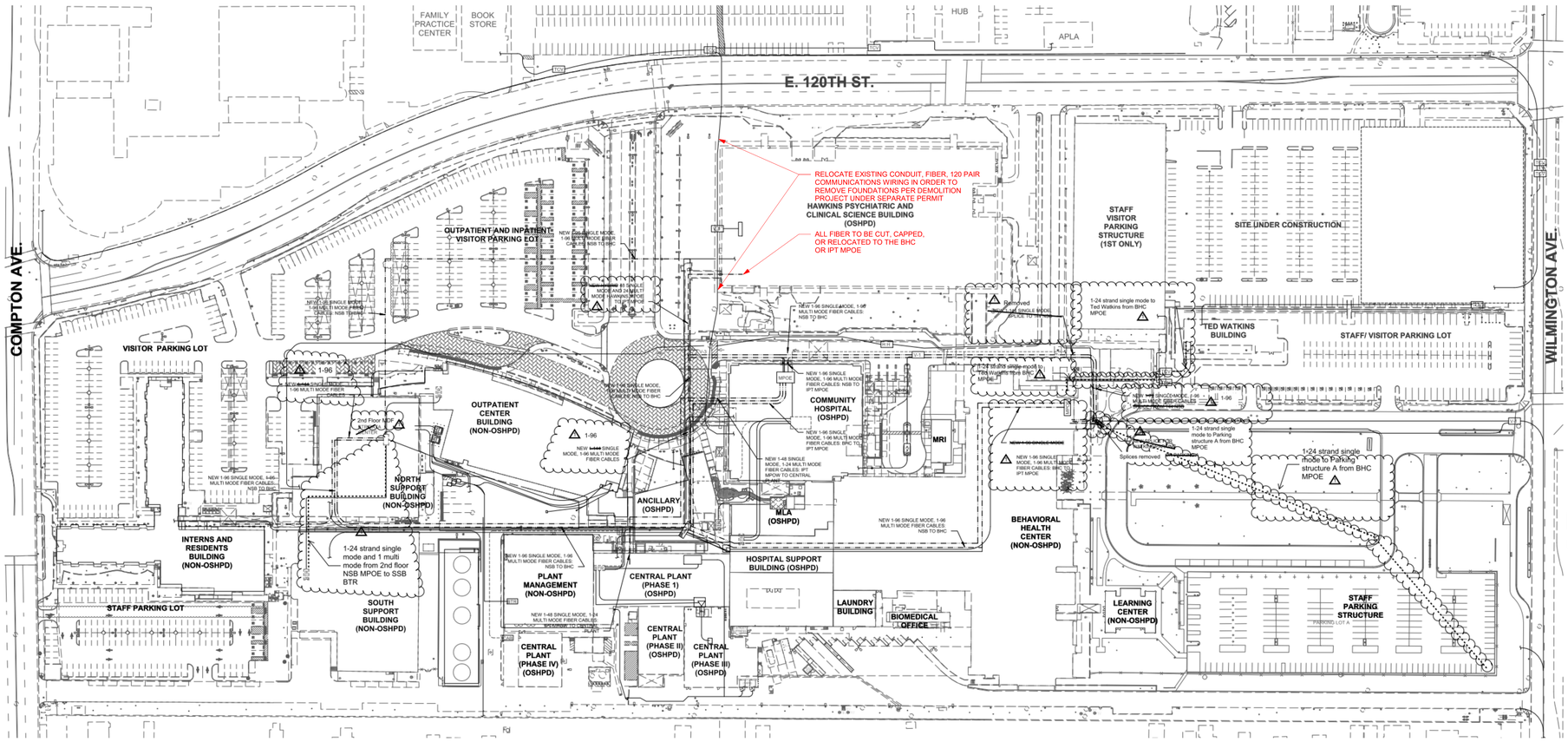
△ 03/29/2020 ADDENDUM 1

GENERAL NOTES

1. WHILE THIS IS NOT AN OSHPD PROJECT, OSHPD BUILDINGS AND PATHWAYS HAVE BEEN SHOWN FOR CONTRACTOR TO UNDERSTAND CODE REQUIREMENTS IN SPECIFIC AREAS.

TECHNOLOGY SCOPE

TO AND FROM	TYPE
NEW 1-96 SINGLE MODE, 1-96 MULTI MODE FIBER CABLES: NSB 2ND FLOOR IDF TO BHC ROUTE A	24 SINGLE MODE FIBER CABLE △ 24 MULTI MODE FIBER CABLE 96 SINGLE MODE, 96 MULTI MODE FIBER CABLES AS NOTED ON DRAWINGS
NEW 1-96 SINGLE MODE, 1-96 MULTI MODE FIBER CABLES: NSB TO BHC DATA CENTER ROUTE B	
NEW 1-96 SINGLE MODE, 1-96 MULTI MODE FIBER CABLES: NSB 2ND FLOOR IDF TO IPT MPOE	
NEW 1-48 SINGLE MODE, 1-24 MULTI MODE FIBER CABLES: IPT MPOE TO CENTRAL PLANT	
NEW 1-96 SINGLE MODE, 1-96 MULTI MODE FIBER CABLES: MACC TO BHC	
NEW 1-96 SINGLE MODE, 1-96 MULTI MODE FIBER CABLES: BHC TO IPT MPOE	
NEW 1-48 SINGLE MODE, 1-48 MULTI MODE FIBER CABLES: NSB 2ND FLOOR IDF TO CENTRAL PLAN/ FACILITIES	
NEW 1-48 SINGLE MODE, 1-48 MULTI MODE FIBER CABLES: NSB 2ND FLOOR IDF TO I&R BUILDING	
1-24 strand single mode to Parking structure A from BHC MPOE △	
1-24 strand single mode to Ted Watkins from BHC MPOE	
1-24 strand single mode and 1 multi mode from 2nd floor NSB MPOE to SSB BTR	



1 **NEW FIBER BACKBONE**
1" = 60'-0"

PERKINS EASTMAN
5510 Lincoln Blvd., Suite 250
Los Angeles, CA 90094
T: +1 310 829 2249
F: +1 310 829 1736

LICENSED ARCHITECT JOSEPH T. HAMM NO. C-27594 REN. DATE AUG 31, 2027 STATE OF CALIFORNIA

SEAL

OWNER:
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803

AV / LV / IT / TELECOM:
TECHNOLOGY PLUS
120 WEST LIME AVE., SUITE #3, MONROVIA, CA 91016

STRUCTURAL:
KPFF
709 SOUTH FLOWER STREET, SUITE #2100, LOS ANGELES, CA 90017

MECHANICAL / PLUMBING / ELECTRICAL:
ARUP
900 WILSHIRE BOULEVARD, 19TH FLOOR, LOS ANGELES, CA 90017

APPROVAL STAMP

NO	DATE	ISSUE
△	01/31/2020	BID SET
△	03/29/2020	ADDENDUM 1

KEY PLAN

PROJECT TITLE:
MARTIN LUTHER KING JR. MEDICAL CAMPUS

MPOE RELOCATION MAKE-READY
Project Address

PROJECT No: 77100.06

DRAWING TITLE:
NEW FIBER BACKBONE

SCALE: As indicated

T3.2

MPOE RELOCATION

MARCH 29 2020 EXHIBIT - SPEC. NO. -

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LICENSED ARCHITECT SYLVIA BOTERO C-20224 STATE OF CALIFORNIA 05/31/2025

AGENCY APPROVALS

FOR REFERENCE ONLY

HCAI # S241433-19-00

CONSULTANT

ISSUE RECORD

DATE	△	DESCRIPTION

Martin Luther King Jr. Community Hospital

Martin Luther King Jr. Community Hospital
REMOVAL OF HAWKINS BUILDING FROM ACUTE CARE SERVICES
1720 EAST 120TH STREET
LOS ANGELES, CA 90059

MILESTONE: BID DOCUMENTS
MILESTONE DATE: 04/07/2026
RBB PROJECT: 2211500 SCALE:

DESCRIPTION
TECHNOLOGY (FOR REFERENCE)

T101-MR-B

Print Date: 1/25/2025 5:00:43 PM