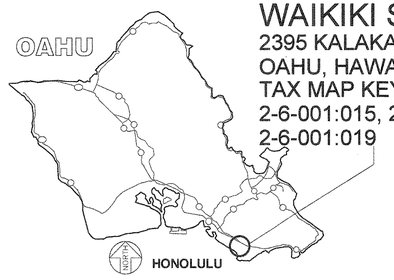
DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII

WAIKIKI SURF RACKS



WAIKIKI SURF RACKS
2395 KALAKAUA AVE, HONOLULU,
OAHU, HAWAII 96815
TAX MAP KEY: 2-6-001:008,
2-6-001:015, 2-6-001:018,
2-6-001:019

2395 KALAKAUA AVENUE
HONOLULU, HAWAII 96815

PROJECT NO. 26-P-07

SHEET NUMBER	DRAWING NUMBER	SHEET NAME
TITLE SHEET		
1	000	TITLE SHEET
GENERAL		
2	G001	PROJECT INFORMATION
3	G002	NOTES ABBREVIATIONS LEGENDS
CIVIL		
4	C001	MAPS, DRAWING INDEX, AND NOTES
5	C002	EXISTING CONDITION PLAN
6	C003	EROSION AND SEDIMENT CONTROL PLAN AND NOTES (CATEGORY 1B)
7	C004	DEMOLITION PLAN
8	C100	SITE LAYOUT, GRADING, AND UTILITY PLAN
9	C400	MISCELLANEOUS DETAILS
ARCHITECTURE		
10	A100	SITE PLAN
11	A201	FLOOR PLAN
12	A202	LIFE SAFETY AND SLAB PLAN
13	A203	REFLECTED CEILING PLAN
14	A301	OVERALL SECTIONS
15	A302	ELEVATIONS
16	A303	ENLARGED SECTIONS
17	A701	RACK DETAILS
18	A702	METAL SCREEN DETAILS
19	A703	ENLARGED GATE DETAILS
20	A704	ENLARGED RACK DETAILS
21	A801	SCHEDULES
STRUCTURAL		
22	S001	GENERAL NOTES
23	S002	GENERAL NOTES
24	S003	TYPICAL DETAILS
25	S004	TYPICAL DETAILS
26	S005	TYPICAL DETAILS
27	S101	FLOOR FRAMING PLAN
28	S201	SECTIONS
ELECTRICAL		
29	E001	ELECTRICAL LEGEND
30	E002	FIRE ALARM NOTES
31	E010	ELECTRICAL SCHEDULES
32	ED100	ELECTRICAL DEMO PLAN
33	E100	ELECTRICAL SITE PLAN
34	E101	ELECTRICAL PLAN
35	E102	LIGHTING PLAN
36	E103	FIRE ALARM PLAN
37	E501	ELECTRICAL DETAILS
38	E601	ELECTRICAL DIAGRAMS
39	E602	ELECTRICAL DIAGRAMS
FIRE PROTECTION		
40	F001	FIRE SPRINKLER NOTES AND LEGEND
41	F101	FIRE SPRINKLER PLAN
PLUMBING		
42	P001	PLUMBING NOTES AND LEGEND
43	P101	PLUMBING SITE PLAN

APPROVED	SHT NO.	DESCRIPTION	DATE	REVISION
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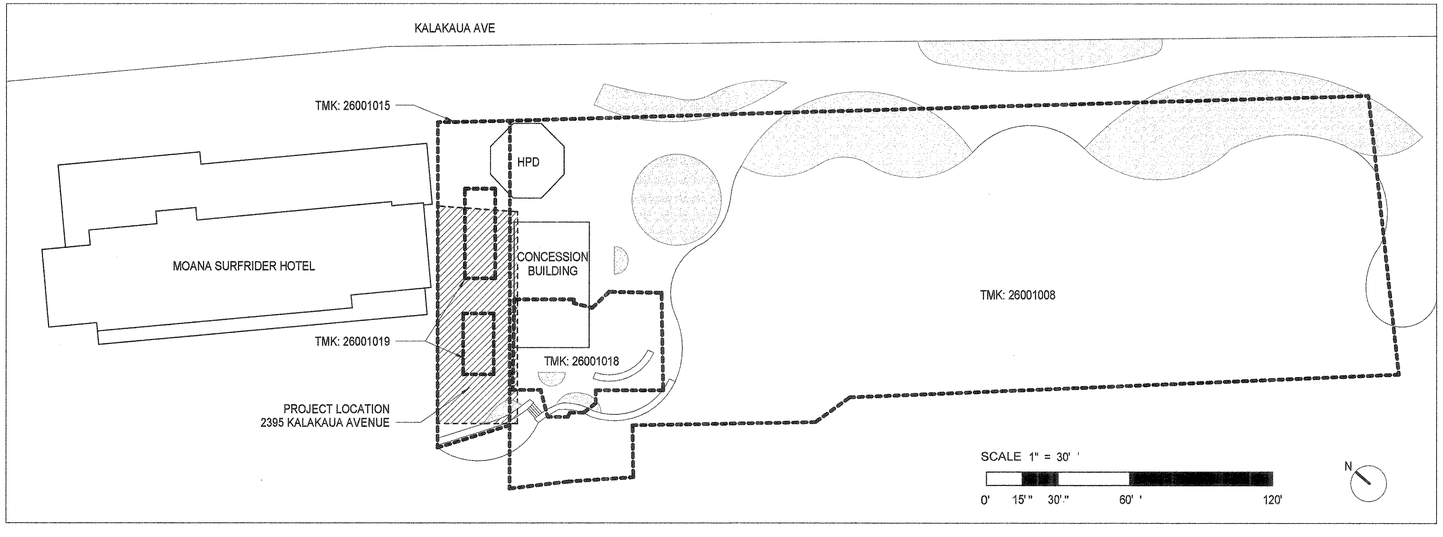
SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SEAN BAUMES, AIA
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DESIGNED BY: SB, HG
CHECKED BY: SB, HG
DRAWN BY: KK
DATE: 09/01/26
ACCEPTED:
Chief, Facilities Division

LOCATION MAP



APPROVALS

DIRECTOR,
DEPARTMENT OF ENTERPRISE SERVICES

9/15/2026
DATE

DIRECTOR,
DEPARTMENT OF DESIGN AND CONSTRUCTION

9/15/2026
DATE

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS
2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

TITLE SHEET

PROJECT NO. 26-P-07

DRAWING NO.:
000

SHEET NO. 1 OF 43
FILE NO. 61/51

Plot Date: 9/8/2026 12:59:55 PM

GENERAL NOTES

1. THE CONTRACT DOCUMENTS INCLUDE THE WORKING DRAWINGS, ADDENDA, MODIFICATIONS, GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT AND SPECIFICATIONS.
2. THE CONTRACT DOCUMENTS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT WHETHER THE PROJECT FOR WHICH THEY ARE PREPARED IS EXECUTED OR NOT. THE CONTRACT DOCUMENTS SHALL NOT BE USED BY OWNER OR TENANT FOR OTHER PROJECTS OR EXTENSIONS TO THE PROJECT, NOR ARE THEY TO BE MODIFIED IN ANY MANNER WHATSOEVER EXCEPT BY AGREEMENT IN WRITING WITH THE ARCHITECT.
3. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL CODES AND REGULATIONS OF ALL GOVERNMENTAL AUTHORITIES HAVING JURISDICTION. SUCH CODES AND REGULATIONS SHALL HAVE PRECEDENCE OVER THAT WHICH IS INDICATED ON THE CONSTRUCTION DOCUMENTS. IN CASES OF DISCREPANCIES, OMISSIONS, CHANGES IN THE CODES, OR CODE INTERPRETATIONS BY CODE OFFICIALS WHICH CAUSE A CHANGE IN THE WORK, NOTIFY INTERPLAN PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK AFFECTED BY THE CHANGE.
4. DRAWINGS ARE INTENDED TO BE USED IN CONJUNCTION WITH THE SPECIFICATIONS. WHERE THERE IS A CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE CONFLICT SHOULD BE IMMEDIATELY BROUGHT TO THE CONSTRUCTION MANAGER'S ATTENTION IN WRITING FOR CLARIFICATION. DRAWINGS ARE NOT TO BE SCALED TO DETERMINE DIMENSIONS. DETAIL DRAWINGS TAKE PRECEDENCE OVER DRAWINGS OF A LESSER SCALE. SHOULD THE CONTRACTOR AT ANY TIME DISCOVER AN ERROR IN A DRAWING OR SPECIFICATION OR A DISCREPANCY OR VARIATION BETWEEN DIMENSIONS OR OTHER INFORMATION, HE SHALL NOT PROCEED WITH THE WORK AFFECTED UNTIL CLARIFICATION HAS BEEN MADE.
5. THE AIA "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION", AIA DOCUMENT A201, PUBLISHED BY THE AMERICAN INSTITUTE OF ARCHITECTS, HEREIN AFTER REFERRED TO AS "GENERAL CONDITIONS" IS HEREBY MADE PART OF THE CONTRACT DOCUMENTS THE SAME AS IF BOUND HEREIN.
6. "FURNISH" MEANS SUPPLY ONLY FOR OTHERS TO PUT IN PLACE.
7. "PROVIDE" MEANS FURNISH AND INSTALL, COMPLETE AND IN PLACE.
8. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR CONDITIONS NOTED. CONTRACTOR TO VERIFY DIMENSIONS AND ORIENTATION.
9. "TYPICAL" MEANS IDENTICAL FOR CONDITIONS NOTED.
10. HORIZONTAL DIMENSIONS INDICATED ARE TO/FROM FINISHED FACE OF CONSTRUCTION, EXCEPT AS NOTED. WHERE MINIMUM AND MAXIMUM CLEARANCE DIMENSIONS ARE INDICATED, DIMENSIONS ARE TO/FROM NARROWEST POINT (TO INLCUDE ANY WALL TRIMS, DOOR CASING, BASEBOARDS, ETC.)
11. VERTICAL DIMENSIONS ARE FROM TOP OF FLOOR SLAB, EXCEPT WHERE NOTED TO BE FROM ABOVE FINISHED FLOOR (AFF).
12. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT UNLESS NOTED.
13. THE FINISHED WORK SHALL BE FIRM, WELL ANCHORED, IN TRUE ALIGNMENT, PLUMB, LEVEL, WITH SMOOTH, CLEAN, UNIFORM APPEARANCE WITHOUT WAVES, DISTORTIONS, HOLES, MARKS, CRACKS, STAINS OR DISCOLORATION. JOINTS SHALL BE CLOSE FITTING, NEAT AND WELL SCRIBED. THE FINISH SHALL NOT PRESENT HAZARDOUS, UNSAFE CORNERS. ALL WORK SHALL HAVE THE PROVISION FOR EXPANSION, CONTRACTION AND SHRINKAGE AS NECESSARY TO PREVENT CRACKS, BUCKLING AND WARPING DUE TO TEMPERATURE AND HUMIDITY CONDITIONS.
14. CUT AND FIT COMPONENTS FOR ALTERATIONS OF EXISTING WORK AND INSTALLATION OR NEW WORK. PATCH DISTURBED AREAS TO MATCH ADJACENT MATERIALS AND FINISHES.
15. PATCH AND REPAIR ALL FIREPROOFING DAMAGED OR REMOVED DURING PERFORMANCE OF THE WORK. FIREPROOF NEW PENETRATIONS REQUIRED BY THE WORK, AND AS DIRECTED BY THE BUILDING INSPECTOR.
16. COORDINATE AND PROVIDE BLOCKING/BACKING IN PARTITIONS BEHIND ALL WALL-MOUNTED ITEMS (MILLWORK, SHELVING, FILES, ETC). ALL CONCEALED WOOD TO BE FIRE-TREATED, AND MEET THE REQUIREMENTS OF LOCAL CODE OFFICIALS.
17. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILD-ABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. CLARIFICATIONS REGARDING ANY CONFLICTS SHALL BE SUBMITTED & RESOLVED PRIOR TO RELATED WORK BEING STARTED.
18. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY ACCESS PANELS, WITH CORRECT FIRE-PROTECTION RATINGS, WHETHER INDICATED OR NOT ON THE DRAWINGS. ACCESS PANELS REQUIRED SHALL INCLUDE, BUT NOT BE LIMITED TO, DAMPERS, PLUMBING VALVES, JUNCTION BOXES AND CLEAN OUTS.
19. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILD-ABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. CLARIFICATIONS REGARDING ANY CONFLICTS SHALL BE SUBMITTED & RESOLVED PRIOR TO RELATED WORK BEING STARTED.
20. GENERAL CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST IN LOCATIONS OF ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL, PLUMBING AND SPRINKLER EQUIPMENT (TO INCLUDE ALL PIPING, DUCTWORK AND CONDUIT) AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF ABOVE LISTED EQUIPMENT ARE PROVIDED. ELEMENTS TO BE EXPOSED OR CONCEALED SHALL BE DETERMINED AND REVIEWED WITH ARCHITECT PRIOR TO CONSTRUCTION PROCEEDING.
21. GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL COORDINATE THE LAYOUT AND EXACT LOCATION OF ALL PARTITIONS, DOORS, CEILINGS, LIGHTS, SWITCHES, RECEPTACLES, FIXTURES AND ACCESS PANELS WITH ARCHITECT IN THE FIELD BEFORE PROCEEDING WITH CONSTRUCTION. ALL PARTITIONS, DOORS, CEILINGS, LIGHTS, SWITCHES, RECEPTACLES, FIXTURES AND ACCESS PANELS ARE SUBJECT TO ADJUSTMENT IN FIELD.
22. WITH REFERENCE TO PROPERTIES LINES, GENERAL CONTRACTOR TO PROTECT ADJACENT PROPERTY AND PUBLIC SIDEWALKS AS REQUIRED BY LOCAL CODE JURISDICTION, AND TO INSURE NO DAMAGE/ HAZARD DURING CONSTRUCTION.
23. EXERCISE EXTREME CARE AND PRECAUTION DURING CONSTRUCTION OF THE WORK TO MINIMIZE DISTURBANCES TO ADJACENT TENANTS/PROPERTY AND THEIR OCCUPANTS, PROPERTY, PUBLIC THOROUGHFARES, ETC. CONTRACTOR SHALL TAKE PRECAUTIONS AND BE RESPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS FROM CONSTRUCTION PROCEDURES.
24. WITHIN FIVE (5) DAYS FROM CONTRACT DATE, PREPARE AND SUBMIT AN ESTIMATED PROGRESS SCHEDULE FOR THE WORK WITH SUB-SCHEDULES OF RELATED ACTIVITIES WHICH MAY AFFECT THE PROGRESS
25. SUBMIT SHOP DRAWINGS AND SAMPLES FOR ALL TRADES AS SOON AS POSSIBLE TO THE ARCHITECT, ALLOWING FIVE (5) WORKING DAYS FOR REVIEW. NO CONSTRUCTION SHALL PROCEED UNTIL THE APPROVAL OF THESE DRAWINGS. CONTRACTOR SHALL PROVIDE MANUFACTURER'S SPECIFICATIONS, INSTALLATION INSTRUCTIONS, SHOP DRAWINGS AND SAMPLES FOR REVIEW AND APPROVAL OF ALL MATERIALS AND METHODS TO BE USED PRIOR TO ORDERING OR PROCEEDING WITH THE WORK. CONTRACTOR SHALL FOLLOW THESE PROCEDURES. IF THESE ARE CONTRARY TO THE CONTRACT DOCUMENTS, CONTRACTOR SHALL NOTIFY ARCHITECT, IN WRITING, IMMEDIATELY TO RESOLVE DISCREPANCIES PRIOR TO PROCEEDING.
26. ABBREVIATIONS USED IN REFERRING TO STANDARDS THAT APPLY TO THE WORK INCLUDE BUT ARE NOT NECESSARILY LIMITED TO THE FOLLOWING:
    - AAI: ALUMINUM ASSOCIATION, INC.
    - AAMA: ARCHITECTURAL ALUMINUM MANUFACTURER'S ASSOCIATION
    - ACI: AMERICAN CONCRETE INSTITUTE
    - ADA: AMERICANS W/ DISABILITIES ACT (ACCESSIBILITY GUIDELINES)
    - AISC: AMERICAN INSTITUTE OF STEEL CONSTRUCTION
    - ANSI: AMERICAN NATIONAL STANDARDS INSTITUTE
    - ASTM: AMERICAN SOCIETY FOR TESTING MATERIALS
    - AWI: ARCHITECTURAL WOODWORK INSTITUTE
    - AWS: AMERICAN WELDING SOCIETY
    - CRSI: CONCRETE REINFORCING STEEL INSTITUTE
    - NAAM: NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MFRS..
    - NFPA: NATIONAL FIRE PROTECTION ASSOCIATION
    - NWMA: NATIONAL WOODWORK MANUFACTURER'S ASSOCIATION
    - NWWDA: NATIONAL WOOD WINDOW & DOORS ASSOCIATION WIA: WOODWORK INSTITUTE OF AMERICA
27. ONLY NEW ITEMS OF RECENT MANUFACTURE, OF STANDARD QUALITY, FREE FROM DEFECTS, WILL BE PERMITTED ON THE WORK. REJECTED ITEMS SHALL BE REMOVED. FAILURE TO REMOVE REJECTED MATERIALS AND EQUIPMENT SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR QUALITY AND CHARACTER OF ITEMS USED, NOR FROM ANY OTHER OBLIGATION IMPOSED ON HIM BY THE CONTRACT.
28. ATTACHMENTS, CONNECTIONS OR FASTENINGS OF ANY NATURE ARE TO BE PROPERLY AND PERMANENTLY SECURED IN CONFORMANCE WITH BEST PRACTICE AND THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THEM ACCORDINGLY TO SPECIFIC CONDITIONS. THE DRAWINGS PROVIDED SHOW ONLY SPECIAL CONDITIONS TO ASSIST THE CONTRACTOR. THE DRAWINGS DO NOT ILLUSTRATE EVERY SUCH DETAIL.
29. THE CONTRACTOR SHALL CONTINUOUSLY CHECK ARCHITECTURAL AND STRUCTURAL CLEARANCES FOR ACCESSIBILITY OF EQUIPMENT, MECHANICAL, AND ELECTRICAL SYSTEMS. NO ALLOWANCE OF ANY KIND WILL BE MADE FOR THE CONTRACTOR'S NEGLIGENCE TO FORESEE MEANS OF INSTALLING EQUIPMENT INTO POSITION INSIDE STRUCTURES.
30. NO WORK DEFECTIVE IN CONSTRUCTION OR QUALITY OR DEFICIENT IN ANY REQUIREMENTS OF DRAWINGS AND SPECIFICATIONS WILL BE ACCEPTABLE IN CONSEQUENCE OF OWNER'S OR ARCHITECT'S FAILURE TO DISCOVER OR TO POINT OUT DEFECTS OR DEFICIENCIES DURING CONSTRUCTION, NOR WILL PRESENCE OF INSPECTORS ON SITE RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR SECURING QUALITY AND PROGRESS OF WORK AS REQUIRED BY CONTRACT. DEFECTIVE WORK REVEALED WITHIN REQUIRED TIME GUARANTEES SHALL BE REPLACED BY WORK CONFORMING WITH INTENT OF CONTRACT. NO PAYMENT, WHETHER PARTIAL OR FINAL, SHALL BE CONSTRUED AS AN ACCEPTANCE OF DEFECTIVE WORK OR IMPROPER MATERIALS.
31. MATERIALS AND WORKMANSHIP SPECIFIED BY REFERENCE TO NUMBER SYMBOL, OR TITLE OF A SPECIFICATION SUCH AS COMMERCIAL STANDARDS, FEDERAL SPECIFICATIONS, TRADE ASSOCIATION STANDARD, OR OTHER SIMILAR STANDARD, SHALL COMPLY WITH REQUIREMENTS IN LATEST EDITION OR REVISION THEREOF AND WITH ANY AMENDMENT OR SUPPLEMENT THERETO IN EFFECT ON DATE OF ORIGIN OF THIS PROJECT'S CONTRACT DOCUMENTS. SUCH REFERENCED STANDARD SHALL BECOME A PART OF THE CONTRACT DOCUMENTS AS THOUGH PRINTED HEREIN .
32. CONTRACTOR SHALL WAIVE "COMMON PRACTICE" AND "COMMON USAGE" AS CONSTRUCTION CRITERIA WHEREVER DETAILS AND CONTRACT DOCUMENTS OR GOVERNING CODES, ORDINANCES, ETC. REQUIRE GREATER QUANTITY OR BETTER QUALITY THAN COMMON PRACTICE OR COMMON USAGE WOULD REQUIRE.
33. CONTRACTOR SHALL ORDER AND SCHEDULE DELIVERY OF MATERIALS IN AMPLE TIME TO AVOID DELAYS IN CONSTRUCTION. IF AN ITEM IS FOUND TO BE UNAVAILABLE, CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY TO ALLOW THE ARCHITECT A REASONABLE AMOUNT OF TIME TO SELECT A SUITABLE SUBSTITUTE.
34. IF AT ANY TIME BEFORE COMMENCEMENT OF WORK, OR DURING PROGRESS THEREOF, CONTRACTOR'S METHODS, EQUIPMENT OR APPLIANCES ARE INEFFICIENT OR INAPPROPRIATE FOR SECURING QUALITY OF WORK OR RATE OF PROGRESS INTENDED BY CONTRACT DOCUMENTS, OWNERS MAY ORDER CONTRACTOR TO IMPROVE THEIR QUALITY OR INCREASE THEIR EFFICIENCY. THIS WILL NOT RELIEVE CONTRACTOR OR HIS SURETIES FROM THEIR OBLIGATIONS TO SECURE QUALITY OF WORK AND RATE OR PROGRESS SPECIFIED IN CONTRACT.
35. WITH REFERENCE TO CEILINGS, CONTRACTOR SHALL COORDINATE WITH ALL TRADES INVOLVED AND PREPARE COMPOSITE SHOP DRAWINGS TO INSURE CLEARANCES FOR FIXTURES, DUCTS, CEILINGS, ETC. NECESSARY TO MAINTAIN THE SPECIFIED FINISH CEILING HEIGHT ABOVE THE FINISH FLOOR AS NOTED ON THE DRAWINGS. CLARIFY CONFLICTS WITH ARCHITECT.
36. ALL TELEPHONE AND DATA CABLING WORK SHALL BE COORDINATED BY THE OWNER, UNLESS OTHERWISE NOTED. WHERE TEL/DATA OUTLETS ARE SHOWN ADJACENT TO ELECTRIC RECEPTACLE DEVICE, TEL/DATA BOX AND RECEPTACLE BOX ARE TO BE INSTALLED SIDE-BY-SIDE.
37. THE OWNER'S DESIGNATED AGENT WILL EXERCISE SOLE AUTHORITY FOR DETERMINING CONFORMANCE OF MATERIALS, EQUIPMENT AND SYSTEMS WITH THE INTENT OF THE DESIGN. REVIEW AND ACCEPTANCE OF ALL ITEMS PROPOSED BY CONTRACTOR FOR INCORPORATION INTO THE WORK WILL BE BY THE ARCHITECT. THIS FUNCTION WILL APPLY BOTH TO CONTRACT AS INITIALLY SIGNED AND TO THE CHANGES TO CONTRACT BY MODIFICATION DURING PROGRESS OF WORK.
38. REFERENCE TO MAKES, BRANDS, MODELS, ETC. IS TO ESTABLISH TYPE AND QUALITY DESIRED. SUBSTITUTION OF ACCEPTABLE EQUALS WILL NOT BE PERMITTED UNLESS SPECIFICALLY NOTED OTHERWISE AND WHEN MADE ACCORDING TO PROCEDURES FOR SUBSTITUTIONS.
39. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER AND TENANT, IN WRITING, OF ANY DEFICIENCIES IN BASE BUILDING WORK WHICH WILL EFFECT THE NEW WORK PRIOR TO THE COMMENCEMENT OF HIS WORK. ANY UNREPORTED DEFICIENCIES WILL BECOME THE RESPONSIBILITY OF THE CONTRACTOR TO CORRECT.
40. CORING, DRILLING OR OTHER SUCH WORK IN OR ADJACENT TO OCCUPIED AREAS/BUILDING SHALL BE PERFORMED AT OTHER THAN NORMAL WORKING HOURS FOR THE AFFECTED OCCUPANCY UNLESS OTHERWISE INDICATED. GENERAL CONTRACTOR SHALL DIRECTLY COORDINATE WITH BUILDING OWNER'S REPRESENTATIVE AND AFFECTED TENANT(S) AND/OR ADJACENT BUILDINGS.
41. CORE DRILLING SHALL BE PERFORMED AFTER APPROVAL OF TIME AND LOCATION BY THE BUILDING OWNER'S REPRENSENTATIVE. WITH REGARD TO CORE DRILLED SLAB OPENINGS, A DRAWING SHOWING THE LOCATION AND SIZE OF ALL OPENINGS SHALL BE SUBMITTED TO THE BUILDING OWNER'S REPRESENTATIVE FOR REVIEW BY THE BUILDING STRUCTURAL ENGINEER. THE FOLLOWING PROCEDURE SHALL BE EFFECTED:
    1. OPENINGS SHALL NOT BE CLOSER THAN 2'-0" FROM THE FACE OF ANY COLUMN.
    2. OPENINGS SHALL BE A MAXIMUM OF 6" IN DIAMETER AND SHALL NOT BE PLACED CLOSER THAN 2'-0" ON CENTER.
    3. OPENINGS SHALL NOT BE PERMITTED EITHER HORIZONTALLY OR VERTICALLY THROUGH BEAMS.
    4. OPENINGS SHALL NOT BE CORED UNTIL IT IS DETERMINED THAT THE REINFORCING OR CABLES WILL NOT BE DAMAGED.
    5. OPENINGS AND/OR DAMAGED AREAS SHALL THEN BE PATCHED WITH NON-SHRINK GROUT IN THE AREAS SUBJECT TO MOISTURE SUCH AS REST ROOMS, PANTRIES, JANITOR CLOSETS, GARAGES, ETC. THE NON-SHRINK GROUT SHALL BE PLACED AT THE LOWER HALF OF THE OPENING AND THE UPPER HALF OF THE OPENING, THEN FILLED WITH JOINT SEALER AS USED IN BASE BUILDING CONSTRUCTION.
42. UTILITY OUTAGES SHALL BE SCHEDULED WITH THE OWNER FOR THE AFFECTED OCCUPANCY UNLESS OTHERWISE INDICATED.
43. THE GENERAL CONTRACTOR SHALL TAKE ALL REASONABLE CONTROL AND PRECAUTION TO ELIMINATE DUST, NOISE, ODOR NUISANCE AND THE LIKE TO THE PREMISES AND THE OCCUPANCY.
44. CAULK ALL U.L.-RATED WALLS, TOP AND BOTTOM, WITH U.L.-APPROVED CAULKING. SOUND CAULK ALL ACOUSTICAL WALLS, TOP AND BOTTOM JOINTS, WITH APPROVED ACOUSTICAL CAULKING.
45. GENERAL CONTRACTOR SHALL APPLY FOR, PAY FOR, AND OBTAIN ALL BUILDING PERMITS, UNLESS OTHERWISE NOTED.
46. GENERAL CONTRACTOR SHALL PREARRANGE WITH TENANT/OWNER AND ARCHITECT ALL PHASING OF THE WORK INCLUDING DEMOLITION, DELIVERY OF MATERIALS, CONSTRUCTION, CLEANUP, ETC. GENERAL CONTRACTOR SHALL COORDINATE DELIVERIES OF MATERIALS, EQUIPMENT, ETC. WITH OWNER SO AS TO NOT CREATE CONFLICTS WITH OTHER WORK OR SCHEDULES WITHIN THE BUILDING.
47. GENERAL CONTRACTOR SHALL SCHEDULE AND ADMINISTER PROGRESS MEETINGS FOR THE DURATION OF THE PROJECT. GENERAL CONTRACTOR SHALL MAKE PHYSICAL ARRANGEMENTS FOR MEETINGS AND RECORD MEETING MINUTES. MINUTES SHALL INCLUDE SIGNIFICANT PROCEEDINGS AND DECISIONS.
48. THE GENERAL CONTRACTOR SHALL VERIFY THAT ALL CONSTRUCTION DOCUMENTS ARE THE LATEST ISSUE AND THAT ALL SUBCONTRACTORS HAVE COMPLETE SETS OF THE LATEST ISSUE OF THE CONSTRUCTION DOCUMENTS PRIOR TO COMMENCING WITH A PORTION OF THE WORK.
49. PRIOR TO THE OWNER'S/TENANT'S OCCUPANCY OF ANY PHASE OF THE WORK, THE GENERAL CONTRACTOR SHALL CLEAN ALL SURFACES OF DUST, DEBRIS, LOOSE CONSTRUCTION MATERIALS AND EQUIPMENT AND LEAVE ALL FLOORS VACUUM CLEAN. REMAINING CONSTRUCTION MATERIALS AND EQUIPMENT, IF ANY, SHALL BE MOVED AND TEMPORARILY SECURED IN AN AREA AS DIRECTED BY THE OWNER.

SPECIAL INSPECTIONS

__ 1. CONCRETE
X 2. BOLTS INSTALLED IN CONCRETE
__ 3. SPECIAL MOMENT-RESISTING CONCRETE FRAME
X 4. REINFORING STEEL AND REDRESSING STEEL TENDONS
X 5. STRUCTURAL WELDING
X 6. HIGH-STRENGTH BOLTING
__ 7. STRUCTURAL MASONRY
__ 8. REINFORCED GYPSUM CONCRETE
__ 9. INSULATING CONCRETE FILL
__ 10. SPRAY-APPLIED FIREPROOFING
__ 11. PILING, DRILLED PIERS, AND CAISSONS
__ 12. SHOTCRETE
X 13. SPECIAL GRADING, EXCAVATION, AND FILLING
X 14. FIRE-PROTECTION SYSTEM
__ 15. SPECIAL CASES (SPECIFY)
__ 16. SHEATHED SHEAR WALLS AND DIAPHRAGMS
__ 17. COMPLETE LOAD PATH AND UPLIFT TIES
__ 18. TERMITE PROTECTION

ADA COMPLIANCE STATEMENT

THIS PROJECT SHALL BE DESIGNED AND CONSTRUCTED TO CONFORM WITH THE AMERICAN WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDING & FACILITIES (ADAAG) AND SUBJECT TO DESIGN REVIEW BY DCAB.

ENERGY BLOCK

CITY AND COUNTY OF HONOLULU
REVISED ORDINANCES OF HONOLULU 2021
CHAPTER 16B

To the best of my knowledge, this project's design substantially conforms to the Building Energy Conservation Code for:

_✓_ Building Component Systems
____ Electrical Component Systems
____ Mechanical Component Systems

Signature: _____ Date: 09/01/26
Name: Sean Baumes
Title: Architect
License No.: AR 15932

CODE REFERENCES

ZONING INFORMATION

OWNER:	CITY AND COUNTY OF HONOLULU DEPARTMENT OF DESIGN AND CONSTRUCTION
PROJECT ADDRESS:	2395 KALAKAUA AVE, HONOLULU, HAWAII 96815
DESCRIPTION OF WORK:	RECONSTRUCTION OF PREVIOUSLY REMOVED SURFBOARD STORAGE RACKS WITHIN A SECURE OPEN-AIR ADDITION TO EXISTING CONCESSIONS BUILDING, DEMOLITION OF EXISTING LIGHT POLES, AND REPLACEMENT OF EXISTING WATER FOUNTAIN. SURFBOARD STORAGE RACKS INCLUDE LIGHTING, FIRE SPRINKLERS, TELECOM, FIRE ALARMS, ASSOCIATED CURBS AND FOOTINGS, AND PERIMETER SECURITY FENCING AND GATES, WITH GATES TO REMAIN OPEN DURING BUSINESS HOURS.
TMK:	2-6-001:008, 2-6-001:015, 2-6-001:018, 2-6-001:019
LOT AREA:	65,429 + 4,288 + 4,218 + 1,125 SF TOTAL: 75,060 SF
ZONING:	RESORT MIXED USE PRECINCT
ZONING SPECIAL DISTRICT:	WAIKIKI SPECIAL DISTRICT
SEWAGE DISPOSAL:	PUBLIC
REQUIRED SETBACKS:	EXISTING BUILDING COMPLIES W/REQ'D YARDS, NO CHANGES IN FOOTPRINT/MASSING
PARKING:	NO CHANGES IN PARKING
FLOOD ZONE:	VE, X, XS

CODE ANALYSIS

EXISTING CONCESSIONS BUILDING AREA: 2,320 SF

CONSTRUCTION TYPE: IIB

NUMBER OF STORIES: 1

OCCUPANCY: B

SPRINKLERS: YES

PROPOSED OCCUPANCY: NON-SEPARATED OCCUPANCIES

ALLOWABLE AREA
S-1: 71,000 SF

PROPOSED BUILDING AREA: 2,121 SF

CONSTRUCTION TYPE: IIB

OCCUPANCY: S-1

SPRINKLERS: YES

CODE SUMMARY

2020 NATIONAL ELECTRICAL CODE (NEC) WITH LOCAL AMENDMENTS; INTERIM CODE EFFECTIVE MARCH 14, 2024
2021 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA-1) WITH AMENDMENTS
2021 UNIFORM PLUMBING CODE (UPC) WITH LOCAL AMENDMENTS
2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2010 AMERICANS WITH DISABILITY ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG)
CHAPTER 21 REVISED ORDINANCES OF HONOLULU
2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC) WITH LOCAL AMENDMENTS
2018 INTERNATIONAL BUILDING CODE (IBC) WITH LOCAL AMENDMENTS

PROJECT TEAM

ARCHITECT:	WCIT ARCHITECTURE, INC.
CIVIL ENGINEER/PLANNING CONSULTANT:	WILSON OKAMOTO CORPORATION
ELECTRICAL ENGINEER:	WSP
STRUCTURAL ENGINEER:	WSP
FIRE PROTECTION CONSULTANT:	WSP
ACCESSIBILITY CONSULTANT:	CODE CONSULTANTS, INC.
COST ESTIMATOR:	J. UNO & ASSOCIATES, INC.
ARCHAEOLOGICAL CONSULTANT:	PACIFIC LEGACY, INC.

NO.	DESCRIPTION	DATE:	APPROVED
SHT. NO.			
2F			
3F			
4F			
5F			
6F			
7F			
8F			
9F			
10F			

SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SEAN BAUMES, AIA
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: SB, HG
CHECKED BY: SB, HG
DRAWN BY: KK
DATE: 09/01/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

PROJECT INFORMATION

PROJECT NO. 26-P-07

DRAWING NO.:

G001

SHEET NO.	FILE NO.
2 OF 43	61/51

Plot Date: 9/8/2026 4:21:17 PM

ARCHITECTURAL ABBREVIATIONS

A

AB	ANCHOR BOLT
ACT	ACOUSTICAL CEILING TILE
ACP	ACOUSTICAL CEILING PANEL
ACS PNL	ACCESS PANEL
AD	AREA DRAIN
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AFS	ABOVE FINISH SLAB
AGGR	AGGREGATE
ALUM	ALUMINUM
ALT	ALTERNATE
ANOD	ANODIZED
APPROX	APPROXIMATE(LY)
ARCH	ARCHITECT(URAL)
ASPH	ASPHALT
AVG	AVERAGE

B

BB	BULLETIN BOARD
BD	BOARD
BTWN	BETWEEN
BITUM	BITUMINOUS
BLDG	BUILDING
BM	BENCHMARK
BOT	BOTTOM
BOS	BOTTOM OF STEEL
BRG	BEARING
BSMT	BASEMENT
BS	BOTH SIDES
BUR	BUILT UP ROOFING SYSTEM

C

CAB	CABINET
CB	CATCH BASIN
CCR	CARD CONTROL READER
CCT	CUBICLE CURTAIN TRACK
CCTV	CLOSED CIRCUIT TELEVISION
CG	CORNER GUARD
CEM	CEMENT CEMENTITIOUS
CER	CERAMIC
CH BD	CHALKBOARD
CI	CAST IRON
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRUGATED
CPT	CARPET
CSK	COUNTERSUNK
CSP	COMBINATION STANDPIPE
CSWK	CASEWORK
CT	CERAMIC TILE
CU	CUBIC
CW	COLD WATER

D

D	DEPTH
DBL	DOUBLE
DBL ACT	DOUBLE ACTING
DEG	DEGREE
DEMO	DEMOLISH
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFUSER
DIM	DIMENSION
DIM PT	DIMENSION POINT
DISP	DISPENSER
DIST	DISTANCE
DN	DOWN
DR	DRAIN
DS	DOWNSPOUT
DSP	DRY STANDPIPE
DT	DRAPERY TRACK
DWG	DRAWING
DWGS	DRAWINGS

E

(E)	EXISTING
EA	EACH
EDR	EQUIPMENT DRAWING
EG	EDGE GUARD
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EL	ELEVATION
ELAST	ELASTOMERIC
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER
EOS	EDGE OF SLAB
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EPB	ELECTRICAL PANEL BOARD
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQL SP	EQUALLY SPACED
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ESCAL	ESCALATOR
EST	ESTIMATE(D)
EWC	ELECTRIC WATER COOLER
EXC	EXCAVATED
EXH	EXHAUST
EXP	EXPANSION
EXP JT	EXPANSION JOINT
EXT	EXTERIOR

F

F/F	FACE TO FACE
FA	FIRE ALARM
FAS	FIRE ALARM STATION
FB	FLAT BAR
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
FF	FINISH FACE
FHC	FIRE HOSE CABINET
FH/FEC	FIRE HOSE / FIRE EXTINGUISHER CABINET
FHMS	FLAT HEAD MACHINE SCREW
FHWS	FLAT HEAD WOOD SCREW
FHY	FIRE HYDRANT
FLAM	FLAMMABLE
FLASH	FLASHING
FLEX	FLEXIBLE
FLUOR	FLUORESCENT
FO	FACE OF
FSB	FOLDING SHOWER BENCH
FSTNR	FASTENER
FT	FOOT, FEET
FTG	FOOTING
FURN	FURNITURE
FXTR	FIXTURE

G

G	GAS
GA	GAUGE GAGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS
GLU LAM	GLUE LAMINATED
GLZ	GLAZING
GR	GRADE OR GRADING
GVL	GRAVEL
GYP	GYPSUM
GYP BD	GYPSUM BOARD
GYP PLAS	GYPSUM PLASTER

H

H	HIGH
HB	HOSE BIBB
HC	HOLLOW CORE
HD	HEAD
HDBD	HARDBOARD
HDW	HARDWARE
HDWD	HARDWOOD
HGT	HEIGHT
HM	HOLLOW METAL
HNDRL	HANDRAIL
HORIZ	HORIZONTAL
HPT	HIGH POINT
HR	HOUR
HVAC	HEATING-VENTILATION-AIR CONDITIONING
HW	HOT WATER

I

ID	INSIDE DIAMETER
IN	INCH
INCAND	INCANDESCENT
INCL	INCLUDE, INCLUDING
INFO	INFORMATION
INSUL	INSULATION
INTR	INTERIOR
INV	INVERT
IVT	INTRAVENOUS TRACK

J

JAN	JANITOR
JST	JOIST
JT	JOINT

K

KG	KILOGRAM
KIT	KITCHEN
KPL	KICK PLATE
KS	KNEE SPACE

L

L	LENGTH, LONG
LAB	LABORATORY
LAM	LAMINATE, LAMINATION
LAV	LAVATORY
LB	POUND
LED	LIGHT EMITTING DIODE
LF	LINEAR FOOT
LG	LENGTH
LIN	LINEAR
LL	LEAD LINED
LPT	LOW POINT
LT	LIGHT
LT WT	LIGHT WEIGHT
LTG	LIGHTING
LVR	LOUVER

M

MACH	MACHINE
MATL	MATERIAL
MATV	MASTER ANTENNA TELEVISION SYSTEM
MAX	MAXIMUM
MB	MACHINE BOLT
MC	MEDICINE CABINET
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLDG	MOLDING
MM	MILLIMETERS
MO	MASONRY OPENING
MOD	MODULE, MODULAR
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MVBL	MOVABLE
MULL	MULLION

N

(N)	NEW
NA	NOT APPLICABLE
NAT	NATURAL
NE	NORTHEAST
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
NW	NORTHWEST

O

OC	ON CENTER
OCC	OCCUPANCY
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED-CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED-OWNER INSTALLED
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OVHD	OVERHEAD
OZ	OUNCE

P

PA	PUBLIC ADDRESS
PART	PARTIAL
PBD	PARTICLEBOARD
PBX	PRIVATE TELEPHONE EXCHANGE
PCF	POUNDS PER CUBIC FOOT
PCI	POUNDS PER CUBIC INCH
PERF	PERFORATED
PERIM	PERIMETER
PERM	PERMANENT
PERP	PERPENDICULAR
PI	POINT OF INTERSECTION
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLWD	PLYWOOD
PNEU	PNEUMATIC
PNL	PANEL
PNL BD	PANEL BOARD
PNT	PAINT
PORT	PORTABLE
PP	PUSH PLATE
PPM	PARTS PER MILLION
PR	PAIR
PRCST	PRECAST
PREP	PREPARATION
PREFAB	PREFABRICATION
PRKG	PARING
PROJ	PROJECT
PROP	PROPERTY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT
PTD	PAINTED
PTN	PARTITION
PTS	PNEUMATIC TUBE STATION
PVC	POLYVINYL CHLORIDE
PVG	PAVING
PVMT	PAVEMENT
PWR	POWER

Q

QT	QUARRY TILE
QTR	QUARTER
QTY	QUANTITY

R

R	RISER
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RCPT	RECEPTACLE
RD	ROOF DRAIN
RECT	RECTANGULAR
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCE (D) (ING) (MENT)
REQD	REQUIRED
REQT	REQUIREMENT
RESIL	RESILIENT
RET	RETURN
REV	REVISION
RF	RESILIENT FLOORING
RH	RIGHT HAND
RHMS	ROUND HEAD MACHINE
RHWS	ROUND HEAD WOOD SCREW
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RWL	RAIN WATER LEADER

S

S	SOUTH
SA	SUPPLY AIR
SB	SPLASH BLOCK
SC	SOLID CORE
SCHED	SCHEDULE
SCRN	SCREEN
SD	STORM DRAIN
SE	SOUTHEAST
SECT	SECTION
SEG	SEGMENT
SEP	SEPARATION OR SEPARATE
SEP JT	SEPARATION JOINT
SHT	SHEET, SHEETING
SHWR	SHOWER
SHV	SHELVES, SHELVING
SIM	SIMILAR
SMS	SINK
SP	SHEET METAL SCREW
SPEC	SPECIFICATION
SPKLR	SPRINKLER
SPKR	SPEAKER
SQ	SQUARE
SS	SANITARY SEWER
SSK	SERVICE SINK
SST	STAINLESS STEEL
ST	STREET
STA	STATION
STAG	STAGGERED
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
STS	SELF-TAPPING STEEL
SUP	STAND UP PADDLE BOARD
SUSP	SUSPENDED
SUSP CLG	SUSPENDED CEILING
SVCE	SERVICE
SW	SOUTHWEST
SYMM	SYMMETRICAL
SYST	SYSTEM

T

T	TREAT
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TC	TOP OF CONCRETE, TOP OF CURB
TD	TRENCH DRAIN
TEL	TELEPHONE
TEMP	TEMPORARY
THERM	THERMAL
THK	THICK, THICKNESS
THRES	THRESHOLD
THRU	THROUGH
TMPD GL	TEMPERED GLASS
TO	TOP OF
TOR	TOP OF RAILING
TOS	TOP OF STEEL
TOT	TOTAL
TOW	TOP OF WALL
TP	TOP OF PAVEMENT
TTB	TELEPHONE TERMINAL BOARD
TV	TELEVISION
TYP	TYPICAL

U

UC	UNDER COUNTER
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTIL	UTILITY

V

VAC	VACUUM
VB	VALVE BOX
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL VESTIBULE
VEST	VERTICAL
VIT	VITREOUS
VP	VENT PIPE
VOL	VOLUME
VWC	VINYL WALL COVERING

W

W	WEST
W/	WITH
W/O	WITHOUT
W/W	WALL TO WALL
WC	WATER CLOSET OR WALL COVERING
WD	WOOD
WDW	WINDOW
WGL	WIRE GLASS
WCHR	WHEELCHAIR
WM	WIRE MESH
WO	WHERE OCCURS
WPT	WORKING POINT
WR	WATER RESISTANT
WSCT	WAINSCOT
WSP	WET STANDPIPE
WT	WEIGHT
WTHPRF	WEATHERPROOF
WTRPRF	WATERPROOF
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH

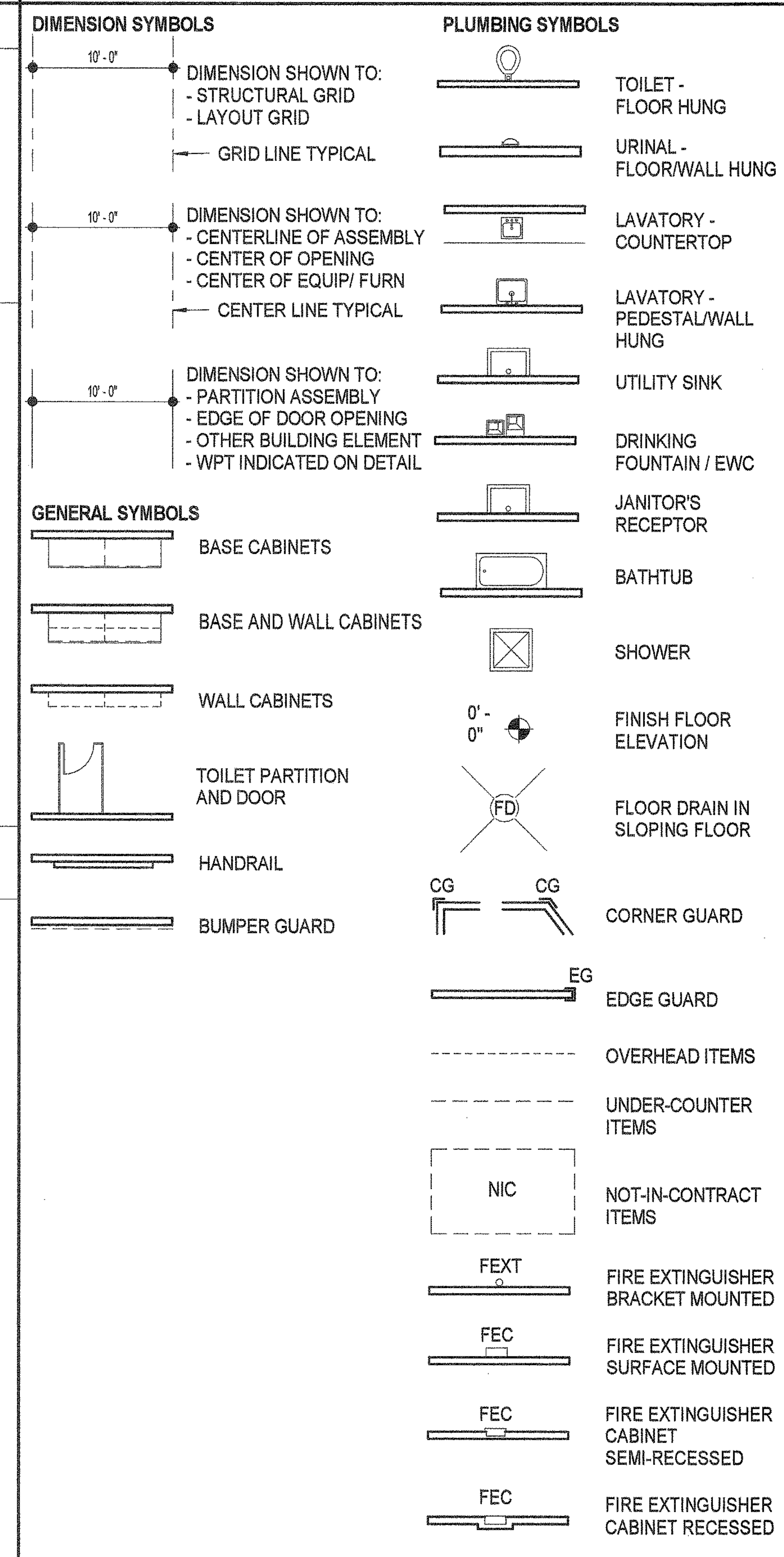
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XFMR	TRANSFORMER

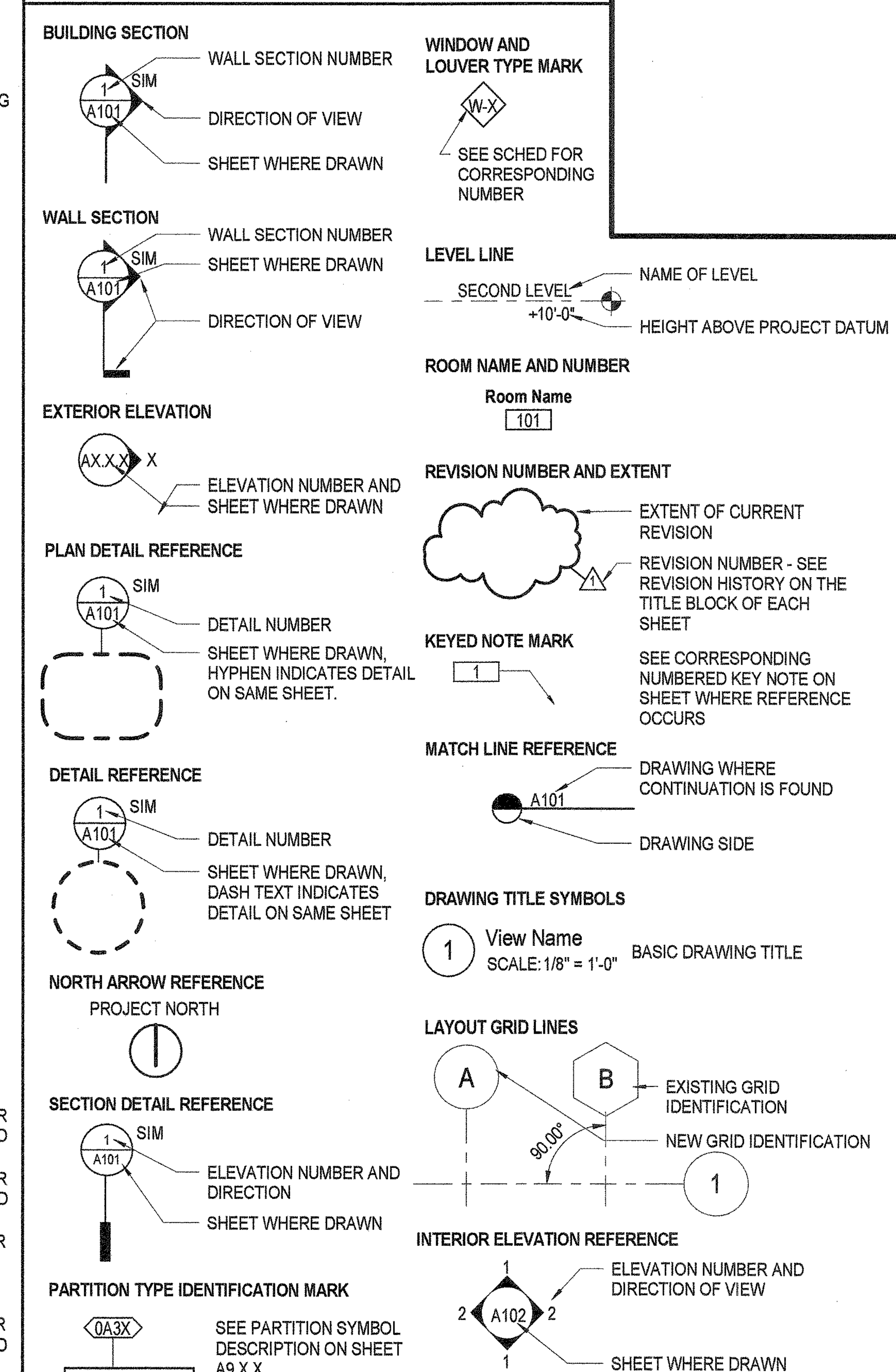
Y

YD	YARD

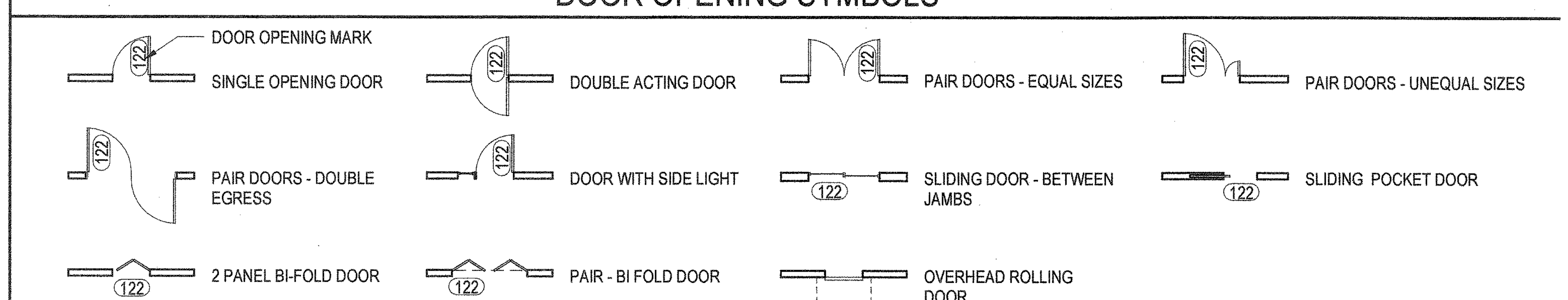
ARCHITECTURAL FLOOR PLAN SYMBOLS



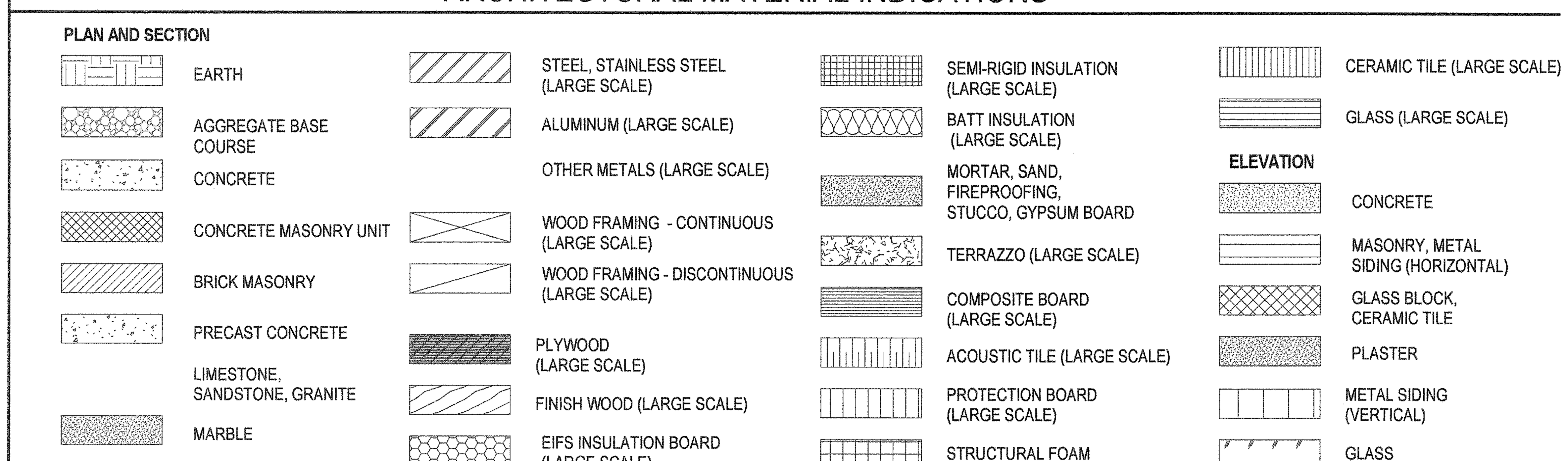
ARCHITECTURAL REFERENCE SYMBOLS



DOOR OPENING SYMBOLS



ARCHITECTURAL MATERIAL INDICATIONS



REVISION	DATE:	DESCRIPTION	SHT. NO.	APPROVED
			OF	
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			OF	
			OF	
			OF	

SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SEAN BAUMES, AIA
LICENSE EXPIRES APRIL 30, 2028
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

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CHECKED BY: SB, HG
ACCEPTED:
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Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS
2395 KALAKAUA AVE, HONOLULU, HI 96815
TAX KEY: 2-6-001: 008, 015, 018, 019
NOTES ABBREVIATIONS LEGENDS

PROJECT NO. 26-P-07
DRAWING NO.:
G002
SHEET NO. 3 OF 43
FILE NO. 61/51

Plot Date: 9/8/2026 12:59:58 PM

GENERAL CONSTRUCTION NOTES

1. ALL APPLICABLE CONSTRUCTION WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, SEPTEMBER 1986 AND STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, SEPTEMBER 1984, AS AMENDED, OF THE DEPARTMENT OF PUBLIC WORKS, CITY AND COUNTY OF HONOLULU AND THE COUNTIES OF KAUAI, MAUI, AND HAWAII.

2. THE UNDERGROUND PIPES, CABLES OR DUCTLINES KNOWN TO EXIST BY THE ENGINEER FROM HIS SEARCH OF RECORDS ARE INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND DEPTHS OF THE FACILITIES AND EXERCISE PROPER CARE IN EXCAVATING THE AREA. WHEREVER CONNECTIONS OF NEW UTILITIES TO EXISTING UTILITIES ARE SHOWN ON THE PLANS, THE CONTRACTOR SHALL EXPOSE THE EXISTING LINES AT THE PROPOSED CONNECTIONS TO VERIFY THEIR LOCATIONS AND DEPTHS PRIOR TO EXCAVATION FOR THE NEW LINES.

3. NO CONTRACTOR SHALL PERFORM ANY CONSTRUCTION OPERATION SO AS TO CAUSE FALLING ROCKS, SOIL OR DEBRIS IN ANY FORM TO FALL, SLIDE OR FLOW INTO EXISTING CITY DRAINAGE SYSTEMS, OR ADJOINING PROPERTIES, STREETS OR NATURAL WATERCOURSES. SHOULD SUCH VIOLATIONS OCCUR, THE CONTRACTOR MAY BE CITED AND THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REMEDIAL ACTIONS NECESSARY.

4. THE GENERAL CONTRACTOR/DEVELOPER/OWNER OF THE PROJECT SHALL BE RESPONSIBLE FOR CONFORMANCE WITH APPLICABLE PROVISIONS OF THE HAWAII ADMINISTRATIVE RULES, TITLE 11, CHAPTER 54, "WATER QUALITY STANDARDS," AND TITLE 11, CHAPTER 55, "WATER POLLUTION CONTROL", AS WELL AS CHAPTER 18A OF THE REVISED ORDINANCES OF HONOLULU, AS AMENDED. BEST MANAGEMENT PRACTICES SHALL BE EMPLOYED AT ALL TIMES DURING CONSTRUCTION.

   THE GENERAL CONTRACTOR/DEVELOPER/OWNER OF THE PROJECT SHALL OBTAIN NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT COVERAGE(S) FOR THE FOLLOWING:

   I. STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES THAT DISTURB ONE (1) ACRE OR MORE, AND
   II. DISCHARGES OF HYDROTESTING EFFLUENT, DEWATERING EFFLUENT, AND WELL DRILLING EFFLUENT TO STATE WATERS.

   IN ACCORDANCE WITH STATE LAW, ALL DISCHARGES RELATED TO PROJECT CONSTRUCTION OR OPERATIONS ARE REQUIRED TO COMPLY WITH STATE WATER QUALITY STANDARDS (HAWAII ADMINISTRATIVE RULES, CHAPTER 11-54). BEST MANAGEMENT PRACTICES SHALL BE USED TO MINIMIZE OR PREVENT THE DISCHARGE OF SEDIMENT, DEBRIS, AND OTHER POLLUTANTS TO STATE WATERS. PERMIT COVERAGE IS AVAILABLE FROM THE DEPARTMENT OF HEALTH, CLEAN WATER BRANCH AT HTTP://HEALTH.HAWAII.GOV/CWB. THE OWNER/DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR OBTAINING OTHER FEDERAL, STATE, OR LOCAL AUTHORIZATIONS AS REQUIRED BY LAW.

5. FOR CITY PROJECTS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE RESPONSIBLE CITY AGENCY FOR REVIEW AND APPROVAL. ALSO, THE CONTRACTOR SHALL COORDINATE INSPECTIONAL SERVICES WITH THE RESPONSIBLE CITY AGENCY.

6. CONFINED SPACE
   FOR ENTRY BY CITY PERSONNEL, INCLUDING INSPECTORS, INTO A PERMIT REQUIRED CONFINED SPACE AS DEFINED IN 29 CFR PART 1910.146(b), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING:
   I. ALL SAFETY EQUIPMENT REQUIRED BY THE CONFINED SPACE REGULATIONS APPLICABLE TO ALL PARTIES OTHER THAN THE CONSTRUCTION INDUSTRY, TO INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING:
      a. FULL BODY HARNESSES FOR UP TO TWO PERSONNEL.
      b. LIFELINE AND ASSOCIATED CLIPS.
      c. INGRESS/EGRESS AND FALL PROTECTION EQUIPMENT.
      d. TWO-WAY RADIOS (WALKIE-TALKIES) IF OUT OF LINE-OF-SIGHT.
      e. EMERGENCY (ESCAPE) RESPIRATOR (10 MINUTE DURATION).
      f. CELLULAR TELEPHONE TO CALL FOR EMERGENCY ASSISTANCE.
      g. CONTINUOUS GAS DETECTOR (CALIBRATED) TO MEASURE OXYGEN, HYDROGEN SULFIDE, CARBON MONOXIDE AND FLAMMABLES (CAPABLE OF MONITORING AT A DISTANCE AT LEAST 20-FEET AWAY).
      h. PERSONAL MULTI-GAS DETECTOR TO BE CARRIED BY INSPECTOR.
   II. CONTINUOUS FORCED AIR VENTILATION ADEQUATE TO PROVIDE SAFE ENTRY CONDITIONS.
   III. ONE ATTENDANT/RESCUE PERSONNEL TOPSIDE (TWO, IF CONDITIONS WARRANT IT).

7. PURSUANT TO CHAPTER 6E, HRS, IN THE EVENT ANY ARTIFACTS OR HUMAN REMAINS ARE UNCOVERED DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL IMMEDIATELY SUSPEND WORK AND NOTIFY THE HONOLULU POLICE DEPARTMENT, THE STATE DEPARTMENT OF LAND AND NATURAL RESOURCES-HISTORIC PRESERVATION DIVISION ((808) 692-8015). IN ADDITION, FOR NON-CITY PROJECTS, THE CONTRACTOR SHALL INFORM THE CIVIL ENGINEERING BRANCH, DEPARTMENT OF PLANNING AND PERMITTING ((808) 768-8084); AND FOR CITY PROJECTS, NOTIFY THE RESPONSIBLE CITY AGENCY.

8. FOR PROJECTS ABUTTING STATE HIGHWAYS' RIGHTS-OF WAY, THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL NOTIFY THE STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, OAHU DISTRICT, DRAINAGE DISCHARGE UNIT AT 831-6793 FOR AN ASSESSMENT OF STATE HIGHWAYS PERMIT REQUIREMENTS.

9. FOR BENCHMARK INFO, SEE SHEET C100.

GRADING NOTES

1. ALL GRADING WORK SHALL BE DONE IN ACCORDANCE WITH CHAPTER 18A, ARTICLES 1, 2, 3 AND 4, AS RELATED TO GRADING, SOIL EROSION AND SEDIMENT CONTROL OF THE REVISED ORDINANCES OF HONOLULU, 2021, AS AMENDED. A REPORT AFTER GRADING, PREPARED BY A PROFESSIONAL ENGINEER, IS REQUIRED UPON COMPLETION OF THIS PROJECT.

2. NO CONTRACTOR SHALL PERFORM ANY GRADING OPERATION SO AS TO CAUSE FALLING ROCKS, SOIL OR DEBRIS IN ANY FORM TO FALL, SLIDE OR FLOW ONTO ADJOINING PROPERTIES, STREETS OR NATURAL WATERCOURSES. SHOULD SUCH VIOLATIONS OCCUR, THE CONTRACTOR MAY BE CITED AND THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REMEDIAL ACTIONS NECESSARY.

3. THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL KEEP THE PROJECT AREA AND SURROUNDING AREA FREE FROM DUST NUISANCE. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION CONTROL STANDARDS CONTAINED IN THE HAWAII ADMINISTRATIVE RULES, TITLE 11, CHAPTER 60.1, "AIR POLLUTION CONTROL".

4. THE UNDERGROUND PIPES, CABLES OR DUCTLINES KNOWN TO EXIST BY THE ENGINEER FROM HIS SEARCH OF RECORDS ARE INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND DEPTHS OF THE FACILITIES AND EXERCISE PROPER CARE IN EXCAVATING IN THE AREA. WHEREVER CONNECTIONS OF NEW UTILITIES ARE SHOWN ON THE PLANS, THE CONTRACTOR SHALL EXPOSE THE EXISTING LINES AT THE PROPOSED CONNECTIONS TO VERIFY THEIR LOCATIONS AND DEPTHS PRIOR TO EXCAVATION FOR THE NEW LINES.

5. ADEQUATE PROVISIONS SHALL BE MADE TO PREVENT SURFACE WATERS FROM DAMAGING THE CUT FACE OF AN EXCAVATION OR THE SLOPED SURFACES OF A FILL. FURTHERMORE, ADEQUATE PROVISIONS SHALL BE MADE TO PREVENT SEDIMENT-LADEN RUNOFF FROM LEAVING THE SITE.

6. ALL SLOPES AND EXPOSED AREAS SHALL BE SODDED OR PLANTED AS SOON AS FINAL GRADES HAVE BEEN ESTABLISHED. PLANTING SHALL NOT BE DELAYED UNTIL ALL GRADING WORK HAS BEEN COMPLETED. GRADING TO FINAL GRADE SHALL BE CONTINUOUS, AND ANY AREA WITHIN WHICH WORK HAS BEEN INTERRUPTED OR DELAYED SHALL BE PLANTED.

7. FILLS ON SLOPES STEEPER THAN 5:1 SHALL BE KEYED.

8. THE CITY SHALL BE INFORMED OF THE LOCATION OF THE BORROW/DISPOSAL SITE FOR THE PROJECT WHEN THE APPLICATION FOR A GRADING PERMIT IS MADE. THE BORROW/DISPOSAL SITE MUST ALSO FULFILL THE REQUIREMENTS OF THE GRADING ORDINANCE.

9. NO GRADING WORK SHALL BE DONE ON SATURDAYS, SUNDAYS AND HOLIDAYS AT ANY TIME WITHOUT PRIOR NOTICE TO THE DIRECTOR, DPP, PROVIDED SUCH GRADING WORK IS ALSO IN CONFORMANCE WITH THE COMMUNITY NOISE CONTROL STANDARDS CONTAINED IN THE HAWAII ADMINISTRATIVE RULES, TITLE 11, CHAPTER 46, "COMMUNITY NOISE CONTROL".

10. THE LIMITS OF THE AREA TO BE GRADED SHALL BE FLAGGED BEFORE THE COMMENCEMENT OF THE GRADING WORK.

11. THE GENERAL CONTRACTOR/DEVELOPER/OWNER OF THE PROJECT SHALL BE RESPONSIBLE FOR ALL GRADING OPERATIONS TO BE PERFORMED IN CONFORMANCE WITH APPLICABLE PROVISIONS OF THE HAWAII ADMINISTRATIVE RULES, TITLE 11, CHAPTER 54, "WATER QUALITY STANDARDS," AND TITLE 11, CHAPTER 55, "WATER POLLUTION CONTROL", AS WELL AS CHAPTER 18A OF THE REVISED ORDINANCES OF HONOLULU, AS AMENDED. BEST MANAGEMENT PRACTICES SHALL BE EMPLOYED AT ALL TIMES DURING CONSTRUCTION.

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    IN ACCORDANCE WITH STATE LAW, ALL DISCHARGES RELATED TO PROJECT CONSTRUCTION OR OPERATIONS ARE REQUIRED TO COMPLY WITH STATE WATER QUALITY STANDARDS (HAWAII ADMINISTRATIVE RULES, CHAPTER 11-54). BEST MANAGEMENT PRACTICES SHALL BE USED TO MINIMIZE OR PREVENT THE DISCHARGE OF SEDIMENT, DEBRIS, AND OTHER POLLUTANTS TO STATE WATERS. PERMIT COVERAGE IS AVAILABLE FROM THE DEPARTMENT OF HEALTH, CLEAN WATER BRANCH AT HTTP://HEALTH.HAWAII.GOV/CWB. THE OWNER/DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR OBTAINING OTHER FEDERAL, STATE, OR LOCAL AUTHORIZATIONS AS REQUIRED BY LAW.

12. WHERE APPLICABLE AND FEASIBLE THE MEASURES TO CONTROL EROSION AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE ANY EARTH MOVING PHASE OF THE GRADING IS INITIATED.

13. TEMPORARY EROSION CONTROLS SHALL NOT BE REMOVED BEFORE PERMANENT EROSION CONTROLS ARE IN-PLACE AND ESTABLISHED.

14. TEMPORARY EROSION CONTROL PROCEDURES SHALL BE SUBMITTED FOR APPROVAL PRIOR TO APPLICATION FOR GRADING PERMIT.

15. IF THE GRADING WORK INVOLVES CONTAMINATED SOIL, THEN ALL GRADING WORK SHALL BE DONE IN CONFORMANCE WITH APPLICABLE STATE AND FEDERAL REQUIREMENTS.

16. BUILDING PERMIT FOR RETAINING WALLS SHALL BE OBTAINED PRIOR TO COMMENCEMENT OF GRADING WORK ON SITE.

GRADING NOTES CONT'D

17. PURSUANT TO CHAPTER 6E, HRS, IN THE EVENT ANY ARTIFACTS OR HUMAN REMAINS ARE UNCOVERED DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL IMMEDIATELY SUSPEND WORK AND NOTIFY THE HONOLULU POLICE DEPARTMENT, THE STATE DEPARTMENT OF LAND AND NATURAL RESOURCES-HISTORIC PRESERVATION DIVISION ((808) 692-8015). IN ADDITION, FOR NON-CITY PROJECTS, THE CONTRACTOR SHALL INFORM THE CIVIL ENGINEERING BRANCH, D.P.P. ((808) 768-8084); AND FOR CITY PROJECTS, NOTIFY THE RESPONSIBLE CITY AGENCY.

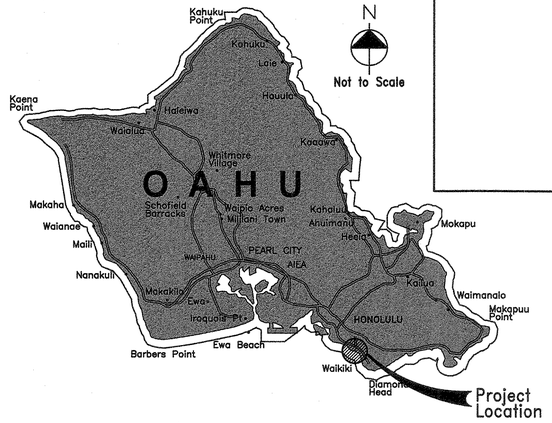
18. FOR ALL PROJECTS, WHICH DISTURB ONE (1) ACRE OR MORE OF LAND, THE CONTRACTOR SHALL NOT START CONSTRUCTION UNTIL A NOTICE OF GENERAL PERMIT COVERAGE (NGPC) IS RECEIVED FROM THE DEPARTMENT OF HEALTH, STATE OF HAWAII, AND HAS SATISFIED ANY OTHER APPLICABLE REQUIREMENTS OF THE NPDES PERMIT PROGRAM. ALSO, FOR NON-CITY AND OTHER NON-GOVERNMENTAL AGENCY PROJECTS, THE CONTRACTOR SHALL PROVIDE A WRITTEN COPY OF THE NGPC TO THE PERMITTING AND INSPECTION SECTION, CIVIL ENGINEERING BRANCH, D.P.P., AT LEAST SEVEN (7) CALENDAR DAYS BEFORE THE START OF THE CONSTRUCTION. FOR CITY OR OTHER GOVERNMENTAL PROJECTS, THE CONTRACTOR SHOULD PROVIDE A WRITTEN COPY OF THE NGCP TO THE APPROPRIATE CITY DEPARTMENT OR GOVERNMENTAL AGENCY PER THEIR REQUIREMENTS.

19. ALL GRADING AND CONSTRUCTION WORK SHALL IMPLEMENT MEASURES TO ENSURE THAT THE DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE WILL BE REDUCED TO THE MAXIMUM EXTENT PRACTICABLE AND WILL NOT CAUSE OR CONTRIBUTE TO AN EXCEEDANCE OF WATER QUALITY STANDARDS.

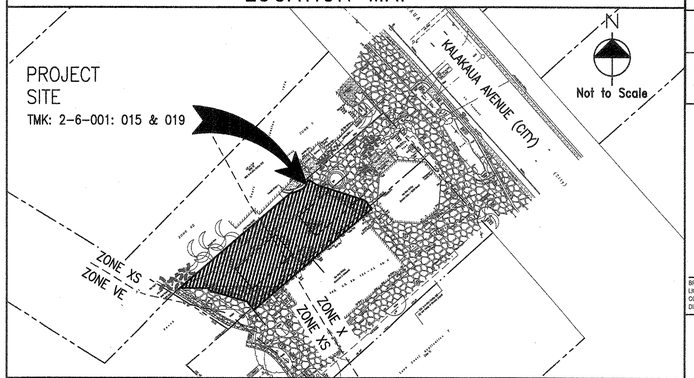
20. NON-COMPLIANCE TO ANY OF THE ABOVE REQUIREMENTS SHALL MEAN IMMEDIATE SUSPENSION OF ALL WORK, AND REMEDIAL WORK SHALL COMMENCE IMMEDIATELY. ALL COSTS INCURRED SHALL BE BILLED TO THE VIOLATOR. FURTHERMORE, VIOLATORS SHALL BE SUBJECTED TO ADMINISTRATIVE, CIVIL AND/OR CRIMINAL PENALTIES.

21. FOR BENCHMARK INFO, SEE SHEET C100.

VICINITY MAP



LOCATION MAP



DRAWING INDEX

DWG No.	DESCRIPTION
C001	MAPS, DRAWING INDEX, AND NOTES
C002	EXISTING CONDITION PLAN
C003	EROSION AND SEDIMENT CONTROL PLAN AND NOTES (CATEGORY 1B)
C004	DEMOLITION PLAN
C100	SITE LAYOUT, GRADING, AND UTILITY PLAN
C400	MISCELLANEOUS DETAILS

SHT. NO.	DESCRIPTION	DATE:	REVISION
OF			
OF			
OF			
OF			
OF			
OF			
OF			
OF			
OF			APPROVED

BRETT K. KUAMOO
LICENSED PROFESSIONAL ENGINEER
No. 14289-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

BRETT K. KUAMOO
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: WOC DRAWN BY: WOC
CHECKED BY: WOC DATE: 09/01/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

MAPS, DRAWING INDEX, AND NOTES

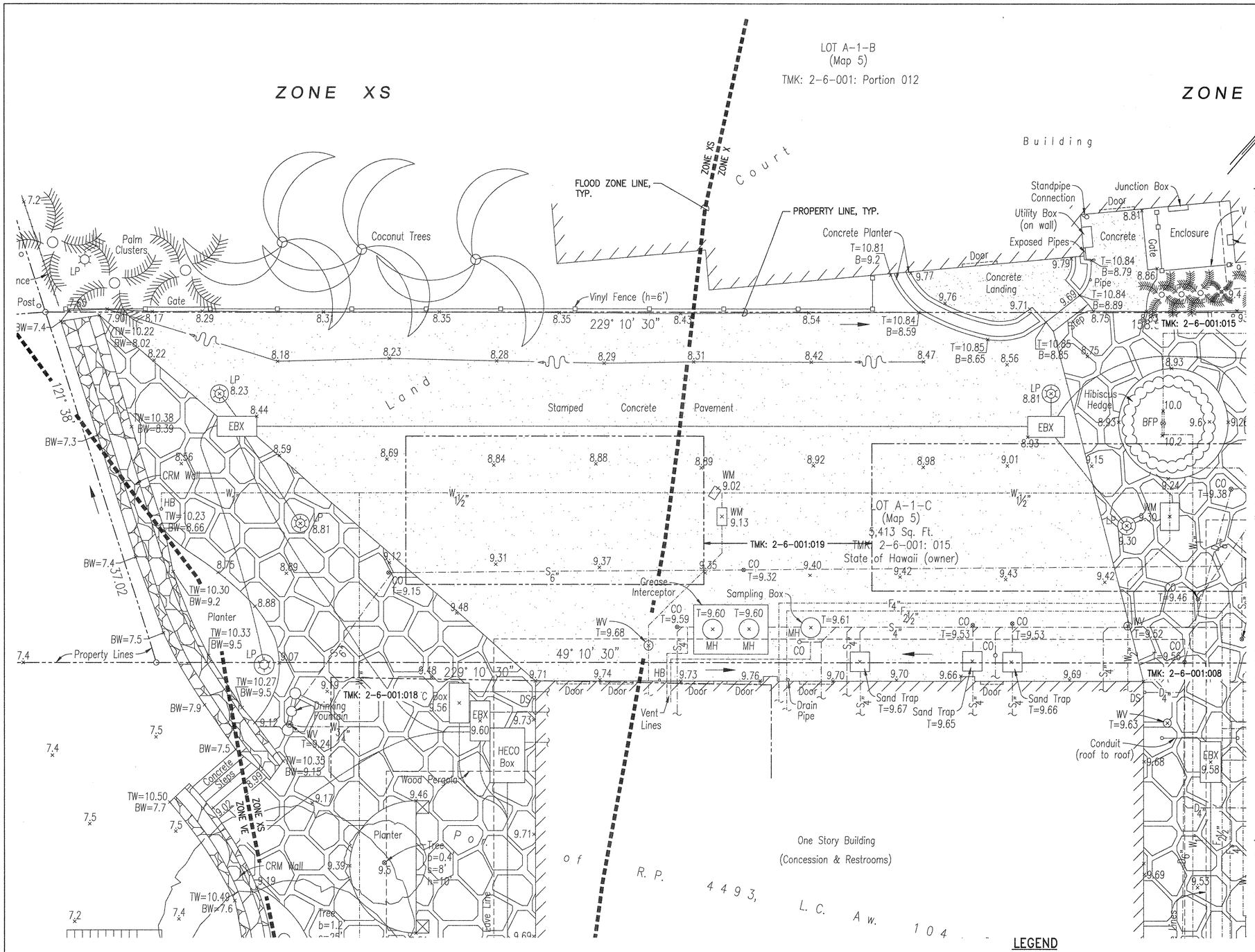
PROJECT NO. 26-P-07

DRAWING NO.:

C001

SHEET NO.	FILE NO.
4 OF 43	61/51

Plot Date:



ABBREVIATIONS:

A/C	AIR CONDITIONER
A.C.	ASPHALT CONCRETE
AD	AUDIO
b	BOLE
B	BOTTOM
A.C.	ASPHALT CONCRETE
BC	BOTTOM CURB
BFP	BACKFLOW PREVENTER
BW	BOTTOM WALL
CMU	CONCRETE MASONRY UNIT (HOLLOW TILE)
CO	CLEAN OUT
Comm.	COMMUNICATION
CRM	CONCRETE RUBLE MASONRY
DS	DOWN SPOUT
EBX	ELECTRIC BOX
Elev.	ELEVATION
FH	FIRE HYDRANT
h	HEIGHT
HB	HOSE BIB
HECO	HAWAIIAN ELECTRIC CO.
HTC	HAWAIIAN TELECOM
ICV	IRRIGATION CONTROL VALVE
Inv	INVERT
LP	LAMP POST
MH	MANHOLE
PVC	POLYVINYL CHLORIDE
s	SPREAD
SDMH	STORM DRAIN MANHOLE
SMH	SEWER MANHOLE
T	TOP
TBM	TEMPORARY BENCHMARK
TC	TOP CURB
TMH	TELEPHONE MANHOLE
TMK	TAX MAP KEY
TS	TOP STEM
TV	TELEVISION
TW	TOP WALL
WM	WATER METER
WMH	WATER MANHOLE
WV	WATER VALVE
----D----	DRAIN LINE
----F----	FIRE PROJECTION LINE
----G----	GAS LINE
----IW----	FIRE PROJECTION LINE
----S----	SEWER LINE
----W----	WATER LINE
————	UNDERGROUND AUDIO/COMM./ELECTRIC/TELEPHONE LINES
----SC----	UNDERGROUND SIGNAL CORPS LINE
----SL----	STREET LIGHT LINE

NOTES:

1. TOPOGRAPHIC SURVEY ORIGINALLY PREPARED BY THE CITY AND COUNTY OF HONOLULU, DEPARTMENT OF DESIGN AND CONSTRUCTION, LAND DIVISION, DATED FEBRUARY 28, 2024.
2. ELEVATIONS REFERRED TO U.S.G.S. BENCH MARK L 6 RESET (ELEV.=8.12 FEET LMSL) LOCATED ALONG THE SOUTH SIDE OF KALAKAUA AVENUE, FRONTING THE MOANA SURFRIDER HOTEL.
3. THE UNDERGROUND UTILITIES HEREON ARE COMPILED FROM AVAILABLE DATA FOR INFORMATION ONLY AND ITS LOCATIONS SHOWN HEREON IS APPROXIMATE. NO GUARANTEE IS MADE ON THE ACCURACY OR COMPLETENESS OF THE UNDERGROUND UTILITIES SHOWN HEREON.
4. PROPERTY LIES WITHIN FLOOD ZONES X (OTHER AREAS), XS (OTHER FLOOD AREAS) AND VE (COASTAL FLOOD ZONE) AS SHOWN ON FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBER 15003C0368G, DATED JANUARY 19, 2011.

LEGEND

———— PROPERTY LINE

GRAPHIC SCALE:
5 2.5 0 5 10
SCALE: 1" = 5'

EXISTING CONDITION PLAN
SCALE: 1" = 5'

Plot Date:

PLAN FOR REFERENCE ONLY

DF	DF	DF	DF	DF	DF	DF	DF	DF	DF	SHT. NO.	APPROVED
										DESCRIPTION	
										DATE:	
										REVISION	

DESIGNED BY: WOC DRAWN BY: WOC
CHECKED BY: WOC DATE: 08/01/25
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

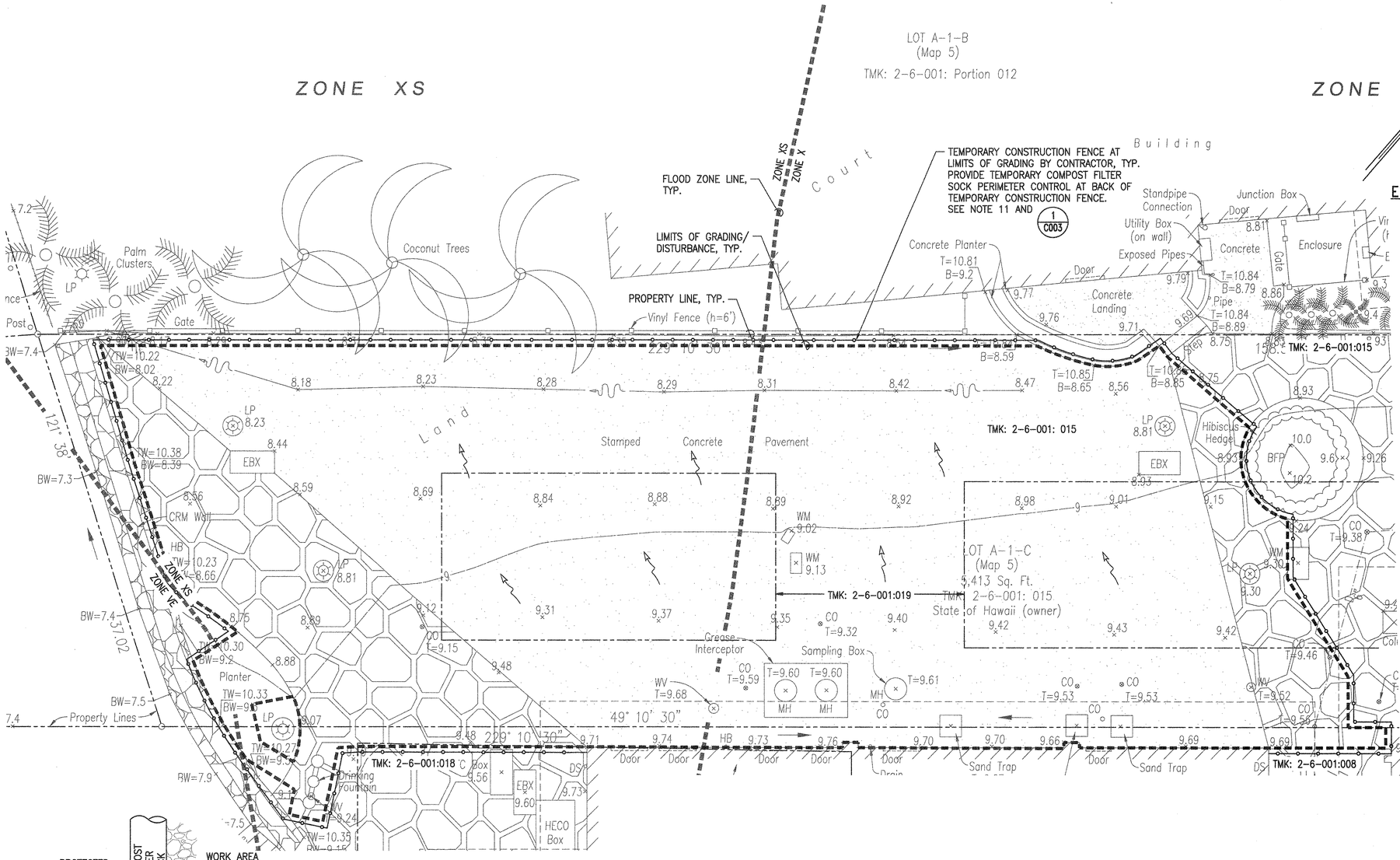
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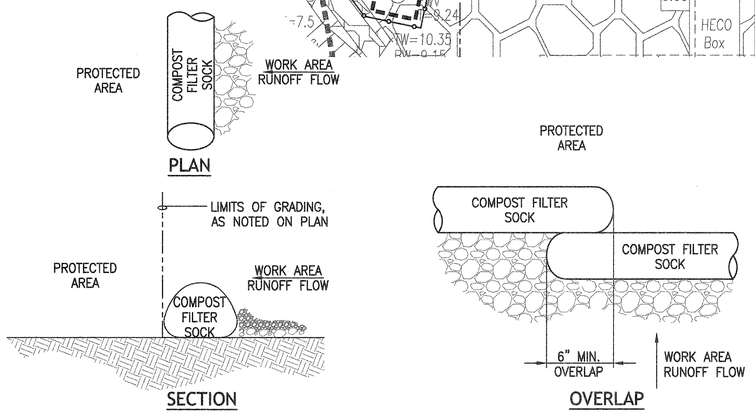
EXISTING CONDITION PLAN

PROJECT NO. 26-P-07

DRAWING NO.:
C002

SHEET NO.	FILE NO.
5 OF 43	61/51





NOTES:

1. COMPOST USED FOR BIOSOCK FILLER MATERIAL SHALL NOT CONTAIN ANY BIOSOLIDS AND SHALL COMPLY WITH ALL EPA GUIDELINES.
2. BIOSOCK COMPOST FILTER SOCK OR APPROVED EQUAL (DIA =12").

1 C003 TEMPORARY COMPOST FILTER SOCK
NOT TO SCALE

NOTES:

1. THIS PROJECT IS A CATEGORY 1B PROJECT.

DURING CONSTRUCTION BMPs:

- TEMPORARY COMPOST FILTER SOCK PERIMETER CONTROL.

LEGEND

- EXISTING FLOW ARROW
- LIMITS OF GRADING/DISTURBANCE
- PROPERTY LINE
- TEMPORARY COMPOST FILTER SOCK PERIMETER CONTROL

EROSION PREVENTION/SEDIMENT CONTROL NOTES

1. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES IN THE CITY AND COUNTY OF HONOLULU'S "RULES RELATING TO WATER QUALITY".
2. MEASURES TO CONTROL EROSION AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE ANY EARTHWORK IS INITIATED.
3. PERMANENT STABILIZATION

   ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED USING VEGETATIVE COVERING, PAVEMENT, OR EQUIVALENT, PRIOR TO REMOVING EROSION AND SEDIMENT MEASURES. TRAPPED SEDIMENT AND AREAS OF DISTURBED SOIL WHICH RESULT FROM THE REMOVAL OF THE TEMPORARY MEASURES SHALL BE IMMEDIATELY AND PERMANENTLY STABILIZED.
4. PERIMETER CONTROLS

   PERIMETER CONTROLS ARE REQUIRED DOWNSLOPE OF EQUIPMENT/VEHICLE STAGING AREAS AT THE END OF EACH BUSINESS DAY AND AROUND MATERIAL STOCKPILES THAT ARE NOT ACTIVELY BEING USED. STOCKPILES ARE NOT ALLOWED IN THE CITY RIGHT-OF-WAY.
5. INLET PROTECTION
   a. ALL STORM DRAIN INLETS ONSITE AND THOSE OFFSITE WHICH MAY RECEIVE RUNOFF FROM THE SITE SHALL USE AN INLET PROTECTION DEVICE UNLESS THEY ARE DIRECTED TO A SEDIMENT BASIN.
   b. SEDIMENT LEVELS MAY NOT EXCEED ONE THIRD OF THE HEIGHT OF A SEDIMENT BARRIER OR INLET PROTECTION DEVICE AT ANY POINT ALONG THE LENGTH OF THE SEDIMENT BARRIER OR THE INLET PROTECTION DEVICE.
   c. SEDIMENT BARRIERS AND INLET PROTECTION DEVICES MUST BE UNCLOGGED AND CLEANED WHEN PERFORMANCE IS COMPROMISED.
   d. TORN, WEATHERED OR SAGGING SEDIMENT BARRIERS OR INLET PROTECTION DEVICES MUST BE REPAIRED OR REPLACED IMMEDIATELY.
6. TRACKING CONTROL
   a. MINIMIZE SEDIMENT TRACK-OUT ONTO OFF-SITE STREETS, OTHER PAVED AREAS, AND SIDEWALKS FROM VEHICLES EXITING THE CONSTRUCTION SITE BY RESTRICTING VEHICLE TRAFFIC TO PROPERLY DESIGNATED AREAS AND USING ADDITIONAL CONTROLS TO REMOVE SEDIMENT FROM VEHICLE TIRES PRIOR TO EXITING THE SITE.
   b. VEHICULAR PARKING AND MOVEMENTS ON PROJECT SITES MUST BE CONFINED TO PAVED SURFACES OR PREDEFINED PARKING AREAS AND VEHICLE PATHS, WHICH SHALL BE MARKED WITH FLAGS OR BOUNDARY FENCING.
   c. ALL POLLUTANTS AND MATERIALS THAT ARE DROPPED, WASHED, TRACKED, SPILLED, OR OTHERWISE DISCHARGED FROM A PROJECT SITE TO OFF-SITE STREETS, OTHER PAVED AREAS, SIDEWALKS OR THE MS4 MUST BE CLEANED USING DRY METHODS SUCH AS SWEEPING OR VACUUMING.
   d. WASHING POLLUTANTS AND MATERIALS THAT ARE DISCHARGED FROM THE PROJECT SITE TO THE MS4 INTO DRAIN INLETS OR CATCH BASINS IS PROHIBITED UNLESS THE MATERIAL IS SEDIMENT AND THE INLETS ARE DIRECTED TO A SEDIMENT BASIN OR SEDIMENT TRAP.
7. BEST MANAGEMENT PRACTICES (BMPS) SHALL NOT BE REMOVED UNTIL FINAL STABILIZATION IS COMPLETE FOR THAT PHASE.
8. REFER TO CITY AND COUNTY OF HONOLULU BEST MANAGEMENT PRACTICES MANUAL-CONSTRUCTION, FOR MORE INFORMATION ON BMPS.
9. AN ESCP COORDINATOR FOR THE PROJECT MUST BE DESIGNATED TO DPP IN WRITING AT LEAST TWO WEEKS PRIOR TO STARTING WORK. CONTRACTOR TO COORDINATE.
10. NOTIFY DPP IN WRITING OF PROJECT START DATE TWO WEEKS PRIOR TO STARTING WORK.
11. CONTRACTOR TO COORDINATE TEMPORARY CONSTRUCTION FENCE WITH CITY AND COUNTY OF HONOLULU FACILITY STAFF. PROVIDE ACCESS GATE AS NEEDED FOR CONSTRUCTION.

GRAPHIC SCALE:
5 2.5 0 5 10
SCALE: 1" = 5'

EROSION AND SEDIMENT CONTROL PLAN AND NOTES (CATEGORY 1B)
SCALE: 1" = 5'

SHT. NO.	DESCRIPTION	DATE:	REVISION	APPROVED
CF				CF

BRETT K. KUAMOO
LICENSED PROFESSIONAL ENGINEER
No. 14289-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
BRETT K. KUAMOO
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: WOC DRAWN BY: WOC
CHECKED BY: WOC DATE: 08/01/26
ACCEPTED: Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS
2395 KALAKAUA AVE., HONOLULU, HI 96815
TAX KEY: 2-6-001: 008, 015, 018, 019

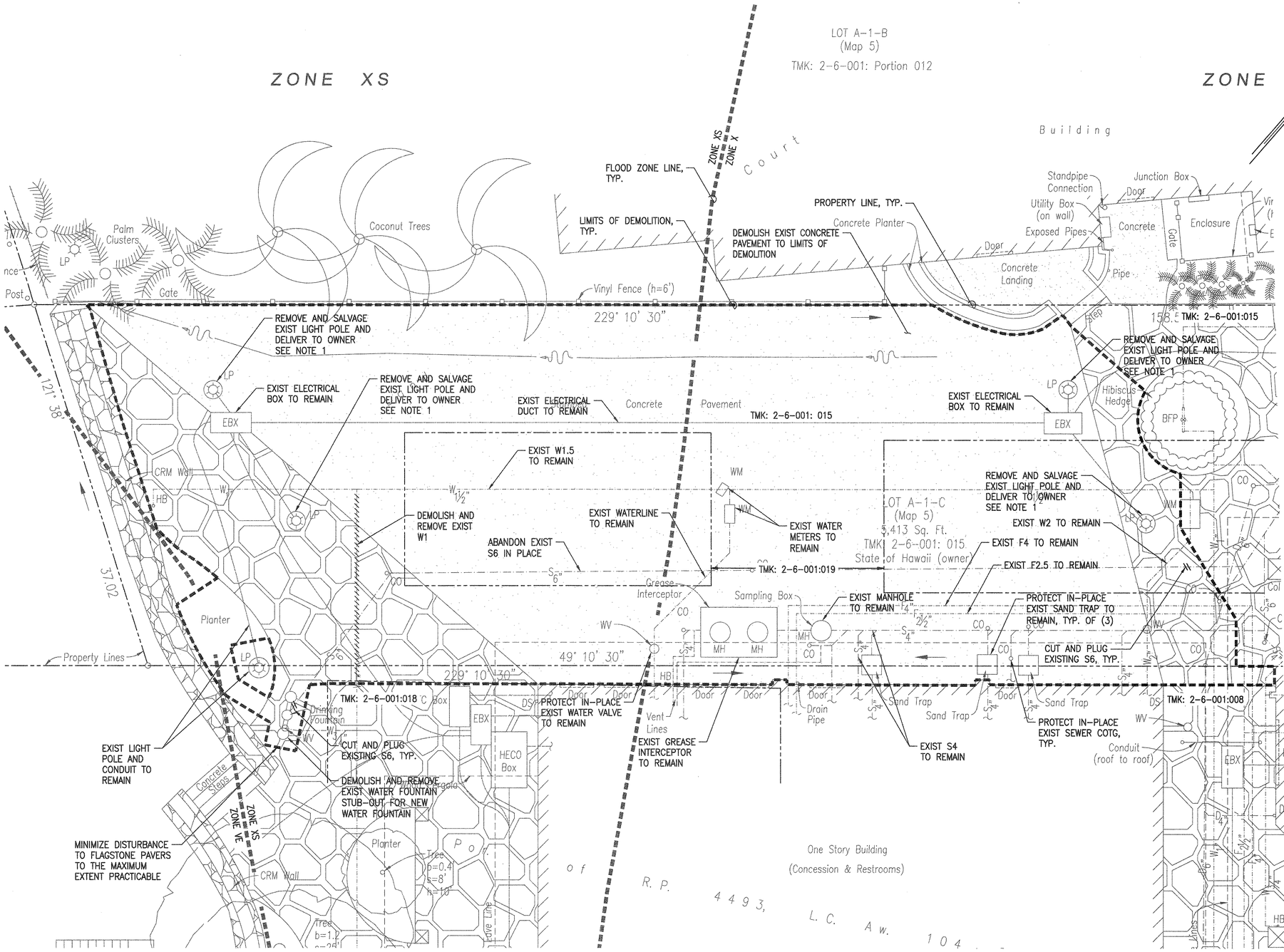
EROSION AND SEDIMENT CONTROL PLAN AND NOTES (CATEGORY 1B)

PROJECT NO. 26-P-07

DRAWING NO.:
C003

SHEET NO. 6 OF 43
FILE NO. 61/51

Plot Date:



NOTES:

1. SEE ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION PLANS AND NOTES.
2. INSTALL CONSTRUCTION BMPS PER EROSION AND SEDIMENT CONTROL PLANS AND NOTES PRIOR TO START OF DEMOLITION WORK.
3. PROTECT AND MAINTAIN EXISTING UTILITIES IN-PLACE WHICH SERVICE ADJACENT BUILDING. RELOCATE AS REQUIRED TO ACCOMMODATE NEW IMPROVEMENTS.
4. MINIMIZE UTILITY OUTAGES TO ADJACENT BUILDINGS TO THE MAXIMUM EXTENT PRACTICAL.
5. CONTRACTOR TO VERIFY UTILITIES TO BE REMOVED ARE INACTIVE AND PROPERLY ISOLATED PRIOR TO DEMOLITION.
6. THE UNDERGROUND UTILITIES KNOWN TO EXIST BY THE ENGINEER FROM RESEARCH OF RECORDS ARE INDICATED ON THE PLANS. CONTRACTOR SHALL CONFIRM LOCATIONS OF EXIST UTILITIES PRIOR TO CONSTRUCTION. SHOULD ANY UNIDENTIFIED UTILITIES BE FOUND, ADVISE ENGINEER.
7. DEMOLISH AND REMOVE EXISTING IMPROVEMENTS WITHIN LIMITS OF DEMOLITION AS REQUIRED TO ACCOMMODATE NEW IMPROVEMENTS, UNLESS OTHERWISE NOTED ON PLAN.
8. COORDINATE WITH CITY AND COUNTY OF HONOLULU FACILITY STAFF PRIOR TO REMOVAL OR MODIFICATION OF IRRIGATION FACILITIES.
9. COORDINATE DEMOLITION WORK WITH NEW IMPROVEMENTS SHOWN ON SHEET C100.
10. GENERAL CONTRACTOR TO SALVAGE PAVERS AS NEEDED FOR PATCHING DISTURBED AREAS.

LEGEND

- LIMITS OF DEMOLITION
- PROPERTY LINE
- CUT AND PLUG UTILITY
- DEMOLISH AND REMOVE UTILITY

GRAPHIC SCALE:
5 2.5 0 5 10
SCALE: 1" = 5'

DEMOLITION PLAN
SCALE: 1" = 5'

Plot Date:

SHT NO.	DESCRIPTION	DATE	REVISION
			APPROVED

BRETT K. KUAMOO
LICENSED PROFESSIONAL ENGINEER
No. 14289-C
HAWAII, U.S.A.

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BRETT K. KUAMOO
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: WOC DRAWN BY: WOC
CHECKED BY: WOC DATE: 09/01/26
ACCEPTED: Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

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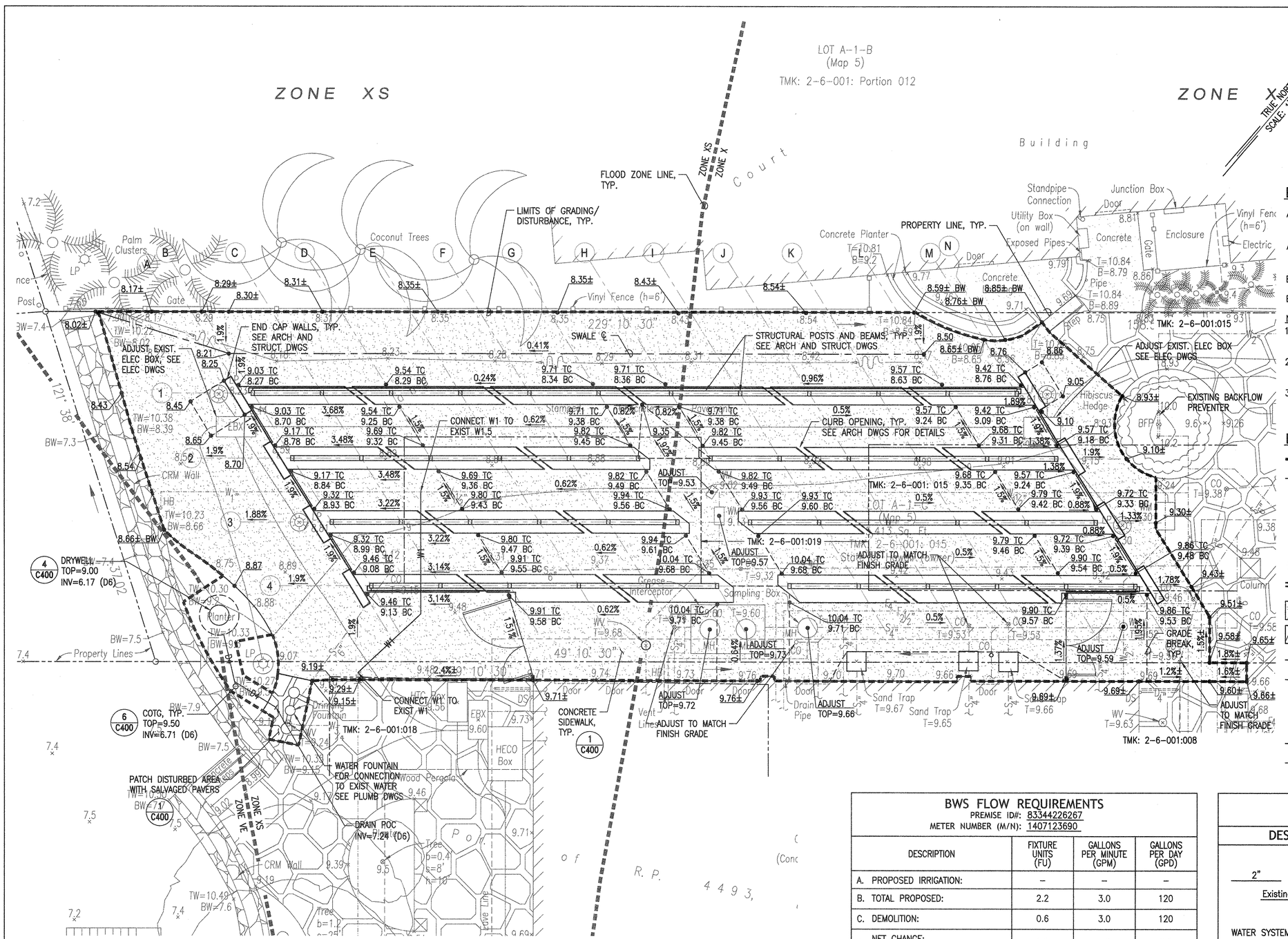
TAX KEY: 2-6-001: 008, 015, 018, 019

DEMOLITION PLAN

PROJECT NO. 26-P-07

DRAWING NO.:
C004

SHEET NO. 7 OF 43
FILE NO. 61/51



ESTIMATED EARTHWORK QUANTITIES

AREA TO BE GRADED:	3,708	SF
	0.09	AC
AREA TO BE DISTURBED:	3,708	SF
	0.09	AC
EXCAVATION:	1	C.Y.
EMBANKMENT:	28	C.Y.

NOTE:

1. ESTIMATED EARTHWORK QUANTITIES ARE FOR PERMIT PURPOSES ONLY.
2. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL SITE LAYOUT INFORMATION.
3. ELEVATION TAGS ON THIS PLAN WITH THE PLUS MINUS (±) SYMBOL INDICATE TO MATCH EXISTING GROUND ELEVATIONS PRIOR TO DEMOLITION AND MILLING.

LEGEND

- LIMITS OF GRADING/DISTURBANCE
- PROPERTY LINE
- 4.16% SLOPE
- 9.32 SPOT ELEVATION
- 9.86 TC / 9.48 BC TOP OF CURB ELEVATION / BOT OF CURB ELEVATION
- X GRIDLINE
- CURB OPENING
- CONCRETE SIDEWALK
- W1 WATER LINE
- D4 DRAIN LINE
- DRYWELL
- SWALE CENTERLINE
- GRADE BREAK LINE

BENCHMARK

ELEVATIONS REFERRED TO U.S.G.S. BENCHMARK 6 RESET LOCATED ALONG THE SOUTH SIDE OF KALAKAUA AVENUE, FRONTING THE MOANA SURFRIDER HOTEL.
ELEV=8.12 FT., MSL.

BWS FLOW REQUIREMENTS

PREMISE ID#: 83344226267
METER NUMBER (M/N): 1407123690

DESCRIPTION	FIXTURE UNITS (FU)	GALLONS PER MINUTE (GPM)	GALLONS PER DAY (GPD)
A. PROPOSED IRRIGATION:	–	–	–
B. TOTAL PROPOSED:	2.2	3.0	120
C. DEMOLITION:	0.6	3.0	120
D. NET CHANGE: SUBTRACT "C" FROM "B" ABOVE)	1.6	0.0	0.0
E. EXISTING DOMESTIC TO REMAIN:	181	85	12,580
F. GRAND TOTAL: (ADD "B" AND "E")	182.6	88	12,700
G. GRAND TOTAL: (METER SIZING) (ADD "F")	182.6	88	12,700

BWS ESTIMATE OF CHARGES

FOR ESTIMATING PURPOSES ONLY

DESCRIPTION OF WORK		ESTIMATE
2" COMMERCIAL SERVICE		
Existing 1-1/2" Meter	N/A	N/A
Installation Charge	N/A	N/A
WATER SYSTEM FACILITIES CHARGES		
COMMERCIAL (≤50) – 2.2 FU X 620.85 =	$1,365.87	$1,365.87
*CREDIT P/ID 83344226267		*
TOTAL	$1,365.87	$1,365.87

THIS ESTIMATE IS SUBJECT TO CHANGE. A FORMAL WRITTEN QUOTATION MAY BE OBTAINED AFTER AND ALL PAYMENTS FOR THE CHARGES SHOWN ON THE QUOTATION ARE MADE WITHIN 30 DAYS AFTER THE CONSTRUCTION PLAN IS APPROVED BY BWS. IF PAYMENTS ARE NOT RECEIVED WITHIN THE 30 DAY PERIOD, THE PROJECT WILL BE SUBJECT TO THE PREVAILING RATES.

GRAPHIC SCALE:
5 2.5 0 5 10
SCALE: 1" = 5'

SITE LAYOUT, GRADING, AND UTILITY PLAN

SCALE: 1" = 5'

Plot Date:

NO.	DESCRIPTION	DATE	APPROVED

BRETT K. KUAMOO
LICENSED PROFESSIONAL ENGINEER
No. 14289-C
HAWAII, U.S.A.

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BRETT K. KUAMOO
LICENSE EXPIRES APRIL 30, 2028
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: WCC DRAWN BY: WCC
CHECKED BY: WCC DATE: 08/01/26
ACCEPTED: Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS
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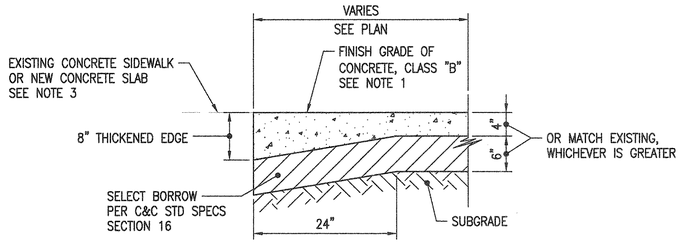
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SITE LAYOUT, GRADING, AND UTILITY PLAN

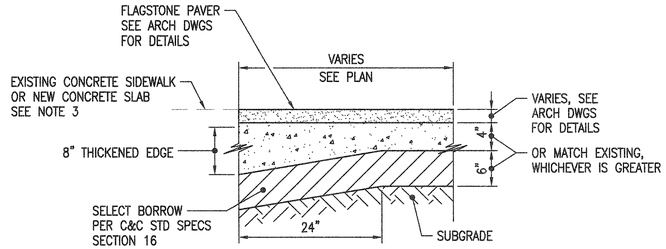
PROJECT NO. 26-P-07

DRAWING NO.:
C100

SHEET NO. 8 OF 43
FILE NO. 61/51



WITHOUT PAVER



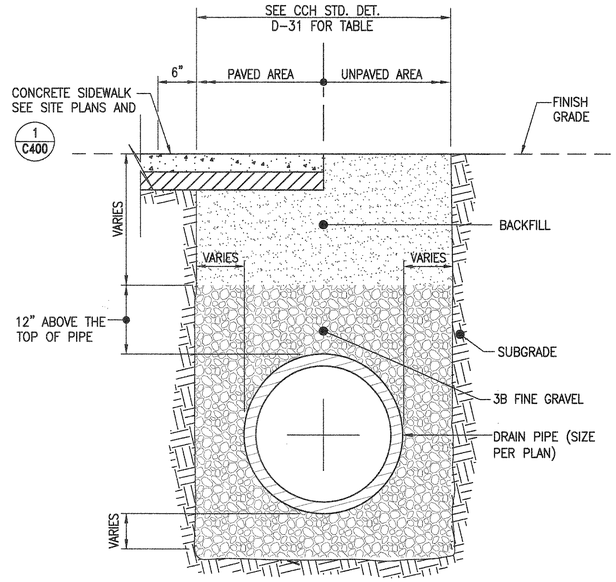
WITH PAVER

NOTES:

1. SEE ARCHITECTURAL DWGS FOR FINISHES AND COLOR SPECIFICATIONS.
2. CONTRACTOR TO COMPLY WITH CITY AND COUNTY OF HONOLULU "ENGINEERING AND POLICY MEMORANDUM NO. CEB-1-09", DATED APRIL 6, 2009, CONCERNING JOINTING REQUIREMENTS FOR CONCRETE SIDEWALK.
3. SEE DETAILS 3 AND 5 ON THIS SHEET FOR CONNECTIONS AND JOINTS TO ADJACENT STRUCTURES AND PAVEMENTS. SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL AREAS WITH NEW SLAB ON GRADE OR SIDEWALK RESTORATION IMPROVEMENTS.

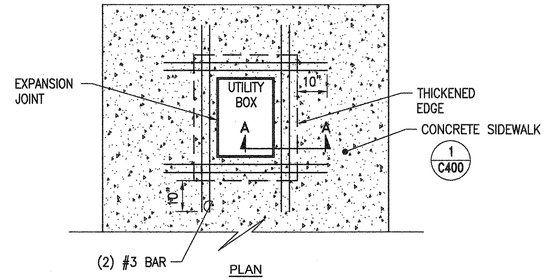
1 / C400 CONCRETE SIDEWALK

SCALE: NTS

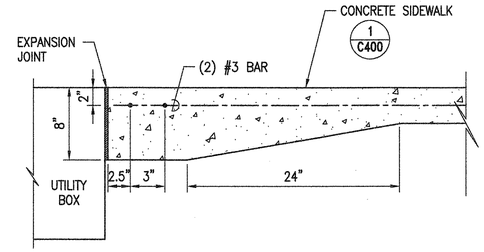


2 / C400 DRAIN LINE TRENCH

SCALE: NTS



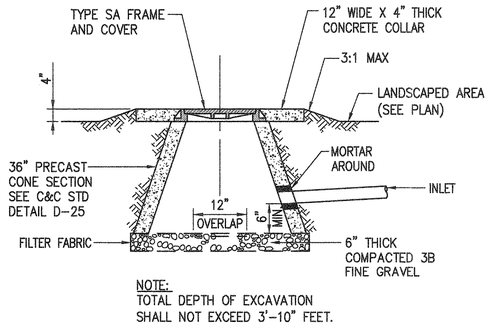
PLAN



SECTION A-A

3 / C400 SIDEWALK RE-ENTRANT CORNER REINFORCEMENT

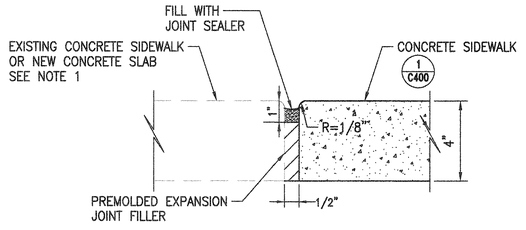
SCALE: NTS



NOTE:
TOTAL DEPTH OF EXCAVATION
SHALL NOT EXCEED 3'-10" FEET.

4 / C400 DRYWELL

SCALE: NTS

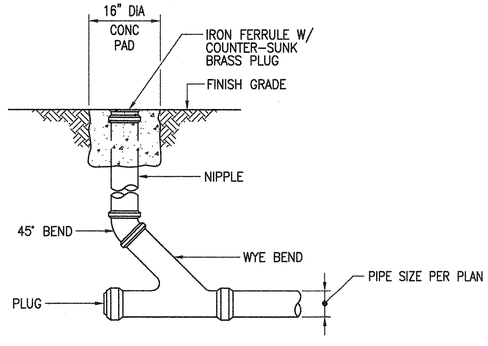


NOTE:

1. SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL AREAS WITH NEW SLAB ON GRADE OR SIDEWALK RESTORATION IMPROVEMENTS.

5 / C400 EXPANSION JOINT

SCALE: NTS



6 / C400 DRAIN CLEAN OUT TO GRADE

SCALE: NTS

Plot Date:

NO.	DESCRIPTION	DATE:	APPROVED
SHT. NO.			
OF			

BRETT K. KUAMOO
LICENSED PROFESSIONAL ENGINEER
No. 14289-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

BRETT K. KUAMOO
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: WOC DRAWN BY: WOC
CHECKED BY: WOC DATE: 08/01/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

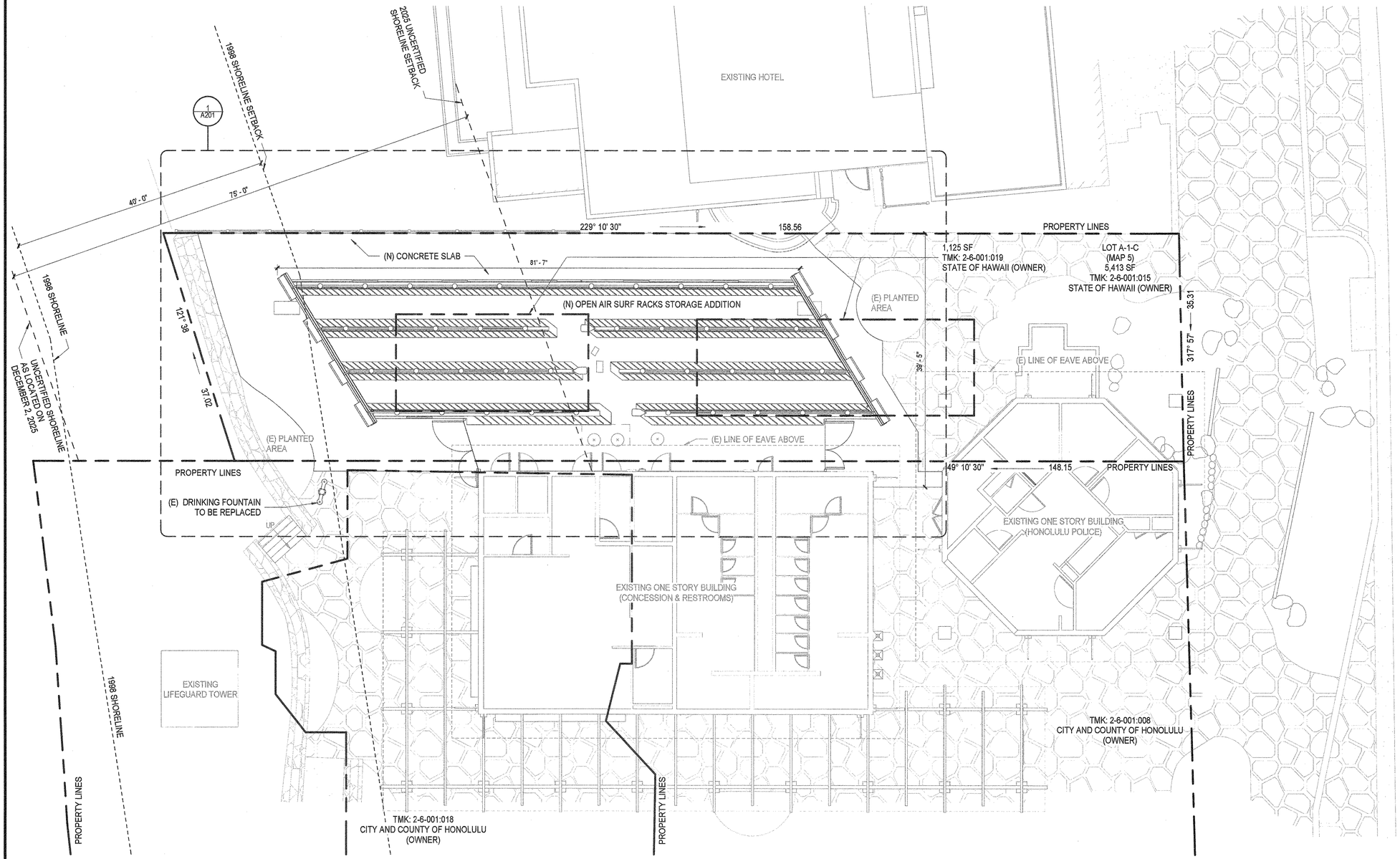
MISCELLANEOUS DETAILS

PROJECT NO. 26-P-07

DRAWING NO.:
C400

SHEET NO. 9 OF 43

FILE NO. 61/51



1 SITE PLAN
SCALE: 1/8" = 1'-0"

Plot Date: 9/8/2026 12:59:59 PM

NO.	DESCRIPTION	DATE:	APPROVED
05			
04			
03			
02			
01			

SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SEAN BAUMES, AIA
LICENSE EXPIRES APRIL 30, 2028
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: SB, HG
CHECKED BY: SB, HG
DRAWN BY: KK
DATE: 09/01/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

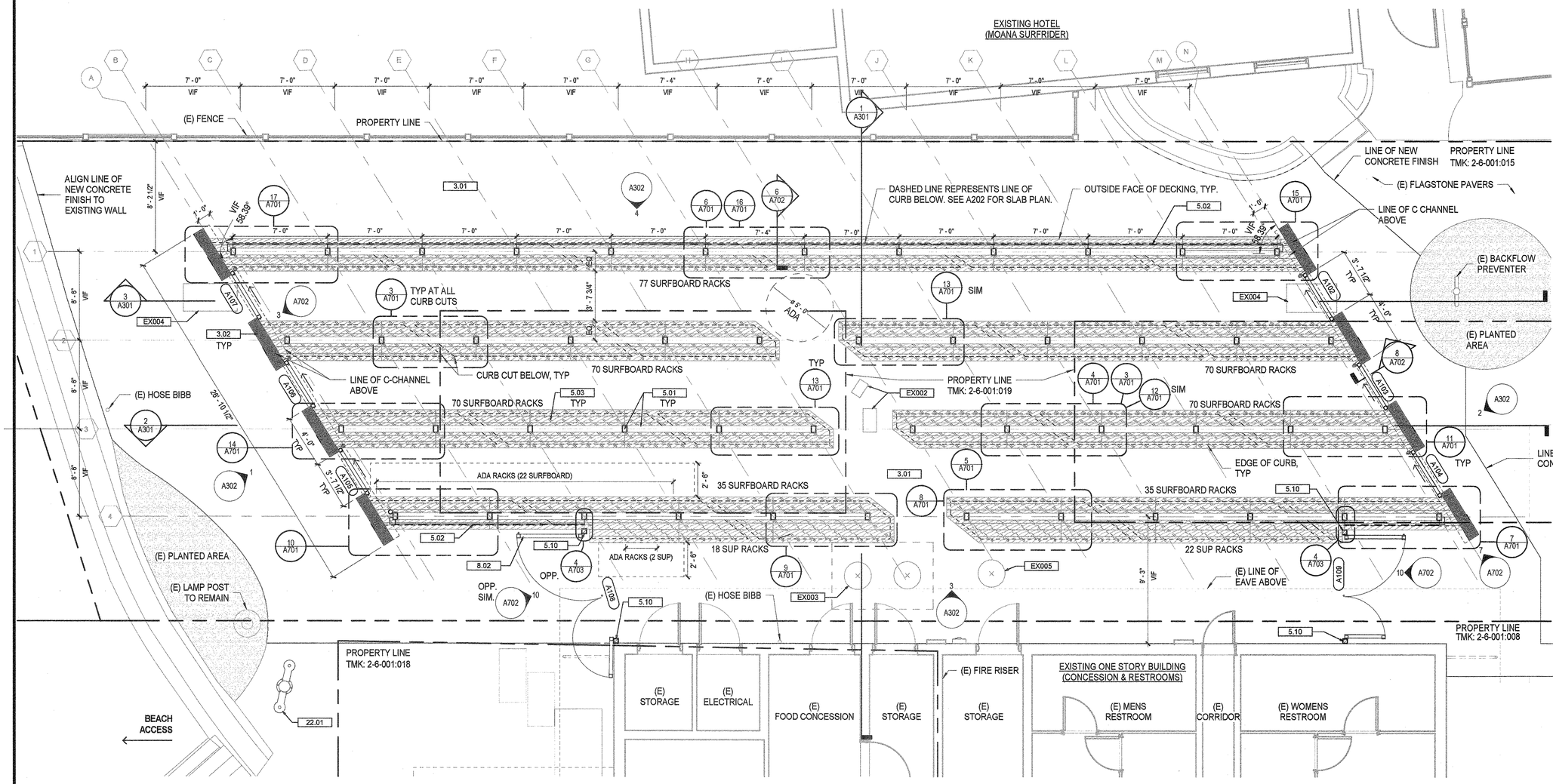
SITE PLAN

PROJECT NO. 26-P-07

DRAWING NO.:
A100

SHEET NO. 10 OF 43

FILE NO. 61/51



1 FLOOR PLAN
SCALE: 1/4" = 1'-0"

KEYNOTES	DESCRIPTION
3.01	INTEGRALLY COLORED CONCRETE SLAB ON GRADE WITH ROCK SALT FINISH, CONC-01. SEE STRUCTURAL DRAWINGS
3.02	10" ARCHITECTURAL CAST-IN-PLACE CONCRETE END CAP WALL, PT-04 WHERE EXPOSED
5.01	GALVANIZED STEEL RACK POST AND FRAME W/ WELDED TOP CAP, PTD PT-01, TYP. SEE STRUCTURAL DRAWINGS
5.02	3/16" PERFORATED ALUMINUM SCREEN, MET-01
5.03	GALVANIZED 1" ROUND STEEL BAR STOCK RACK DIVIDER, PTD PT-01, TYP
5.10	STRUCTURAL STEEL GATE POSTS W/ WELDED TOP CAP, PTD PT-01. SEE STRUCTURAL DRAWINGS
8.02	SWING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS, MET-01
22.01	NEW DRINKING FOUNTAIN IN EXISTING LOCATION. SEE PLUMBING DRAWINGS
EX002	EXISTING WATER METER TO REMAIN
EX003	EXISTING GREASE INTERCEPTOR TO REMAIN
EX004	EXISTING ELECTRICAL PULL BOX
EX005	EXISTING SAMPLING BOX

	SURFBOARD RACKS	SUP RACKS
STANDARD	405	38
ADA (5%)	22	2
TOTAL	427	40

TOTAL STORAGE RACKS : 467

N 4 2 0 4 8
Graphic Scale (Scale: 1/4"=1'-0")

SHT. NO.	DESCRIPTION	DATE	REVISION
			APPROVED
0F			
0F			
0F			
0F			
0F			
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0F			
0F			
0F			

SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

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SEAN BAUMES, AIA
LICENSE EXPIRES APRIL 30, 2026
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DESIGNED BY: SB, HG
CHECKED BY: SB, HG
DRAWN BY: KK
DATE: 09/01/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

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FLOOR PLAN

PROJECT NO. 26-P-07

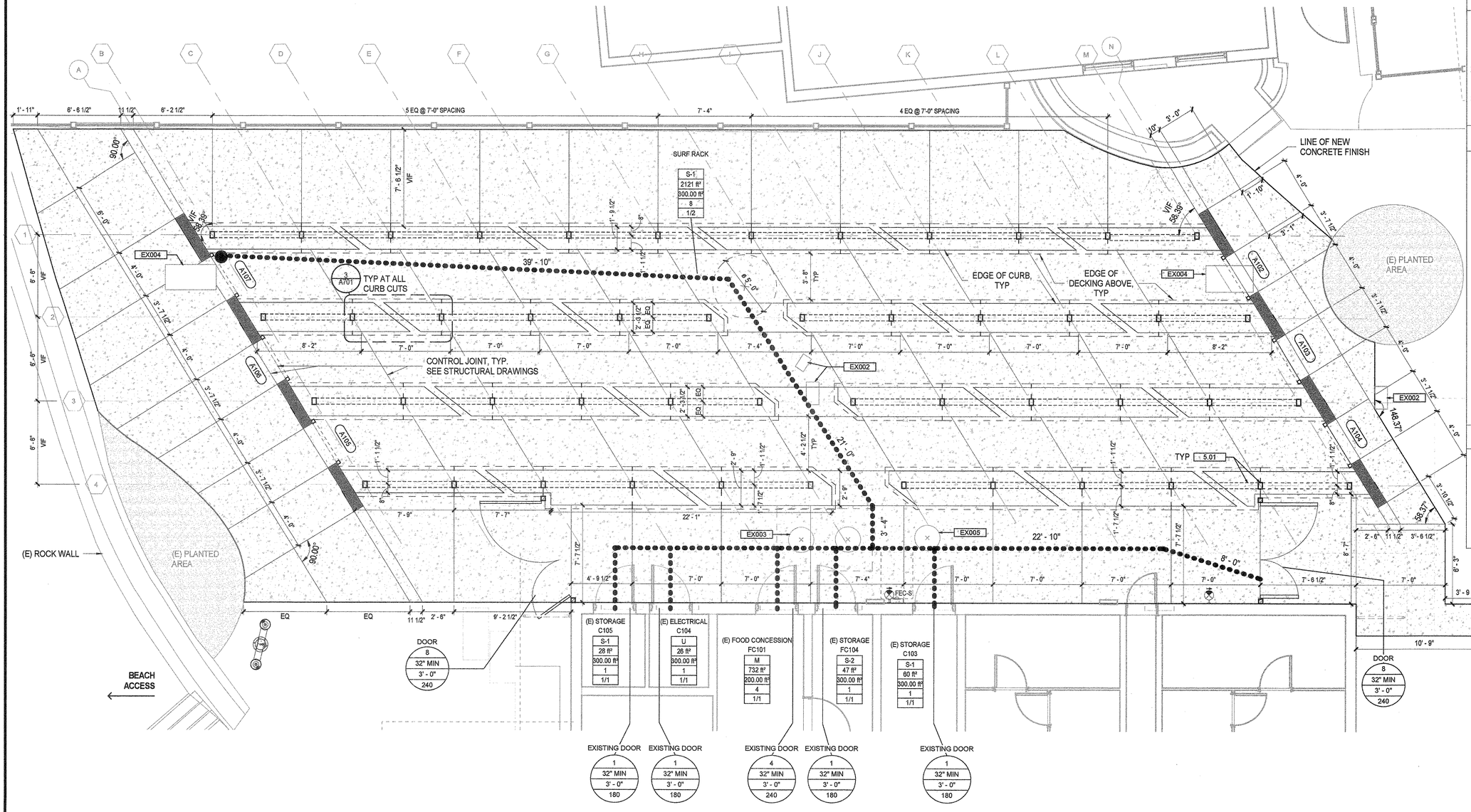
DRAWING NO.:

A201

SHEET NO. 11 OF 43

FILE NO. 61/51

Plot Date: 9/8/2026 1:00:00 PM



1 LIFE SAFETY & SLAB PLAN
SCALE: 1/4" = 1'-0"

4 2 0 4 8
Graphic Scale (Scale: 1/4"=1'-0")

SHEET NOTES

1. REFER TO ELECTRICAL AND FIRE PROTECTION DRAWINGS FOR LOCATION OF HEAT DETECTORS AND FIRE ALARMS
2. SEE CIVIL DRAWINGS FOR CURB ELEVATIONS & SLOPES
3. ALL DOORS SHALL REMAIN OPEN DURING BUSINESS HOURS

LEGENDS/SYMBOLS

EGRESS INFORMATION

DOOR
OCC. LOAD — OCCUPANT LOAD
WIDTH REQ'D — CLEAR WIDTH REQUIRED*
CLEAR WIDTH — CLEAR WIDTH PROVIDED
OCC. CAPACITY — OCCUPANT CAPACITY

*PER IBC 2018 SECTION 1005.3.1,1005.3.2
DOOR WIDTH REQ'D = OCC. LOAD X 0.15
32" MIN. PER IBC SECTION 1010.1.1
STAIR WIDTH REQ'D = OCC. LOAD X 0.2
44" MIN. PER IBC SECTION 1011.2

EXIT SYMBOLS

PATH OF EGRESS
COMMON PATH OF EGRESS
FIRE EXIT SIGN; REFER TO ELEC DWGS
FE-2A — FIRE EXISTINGUISHER CLASS - ABC UL RATING 2A:10B:C
FEC-S — FIRE EXTINGUISHER CABINET, SURFACE-MOUNTED

EGRESS LOAD

S-1	OCCUPANCY CLASSIFICATION
2121 ft²	NET AREA (S.F)
300.00 ft²	OCCUPANT LOAD FACTOR
8	OCCUPANT LOAD
1/2	MIN. NO. OF REQUIRED EXITS/PROVIDED

NO.	DESCRIPTION	DATE	REVISION	APPROVED
05				
04				
03				
02				
01				

SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

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SEAN BAUMES, AIA
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB-BEFORE PROCEEDING WITH WORK.

DESIGNED BY: SB, HG
CHECKED BY: SB, HG
DRAWN BY: KK
DATE: 09/01/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

LIFE SAFETY AND SLAB PLAN

PROJECT NO. 26-P-07

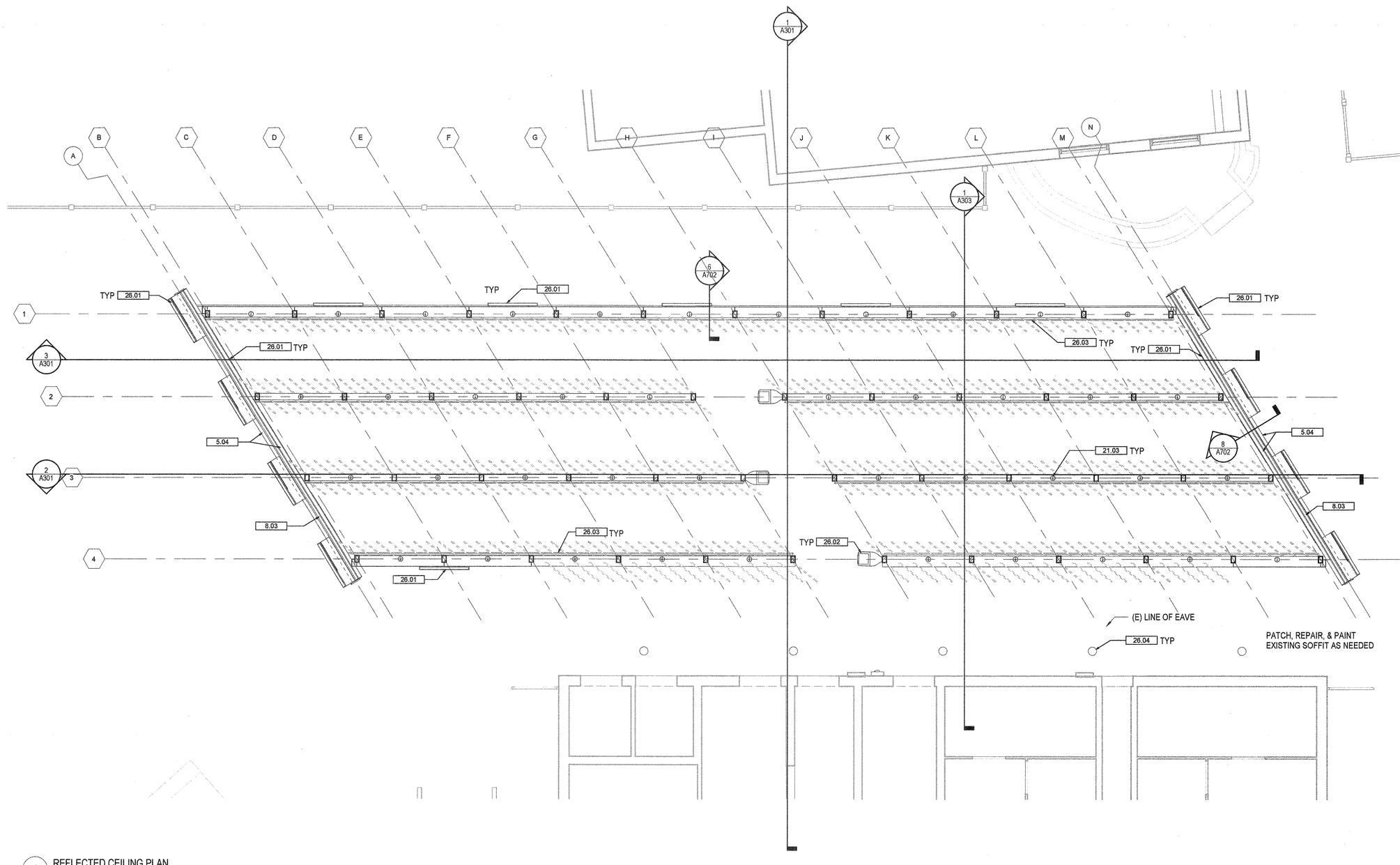
DRAWING NO.:

A202

SHEET NO. 12 OF 43

FILE NO. 61/51

Plot Date: 9/8/2026 1:00:01 PM



1 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

4 2 0 4 8
Graphic Scale (Scale: 1/4"=1'-0")

Keynote Legend	
Key Value	Keynote Text
5.04	GALVANIZED STEEL HEADER CHANNEL, PTD PT-01. SEE STRUCTURAL DRAWINGS
8.03	OVERHEAD HUNG GALVANIZED STEEL SLIDING GATE BOX TRACK. BRACKETS LOCATED MINIMUM 2' O.C., PT-02
21.03	HEAT DETECTOR, SEE ELECTRICAL DRAWINGS
26.01	LINEAR SURFACE MOUNTED LED LIGHT. SEE ELECTRICAL DRAWINGS
26.02	SOLAR POWERED STREET LIGHT ATTACHED TO 3" DIAMETER GALVANIZED STEEL PIPE, CENTERED ON TOP OF RACK POST. SEE STRUCTURAL & ELECTRICAL DRAWINGS. STEEL PIPE TO BE PAINTED PT-01
26.03	CONDUIT ON UNISTRUT, SEE ELECTRICAL DRAWINGS, PTD TO MATCH ADJACENT SURFACE
26.04	NEW RECESSED DOWNLIGHT IN EXISTING LOCATION AT SOFFIT ABOVE. PATCH, REPAIR, AND PAINT EXISTING SOFFIT AS NEEDED, PT-03. SEE ELECTRICAL DRAWINGS

APPROVED	INIT. NO.	DESCRIPTION	DATE:	REVISION
	DF			
	DF			
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	DF			
	DF			
	DF			
	DF			
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	DF			

SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

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SEAN BAUMES, AIA
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DESIGNED BY: Designer CHECKED BY: Checker ACCEPTED:
DRAWN BY: Author
DATE: 09/01/26
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

REFLECTED CEILING PLAN

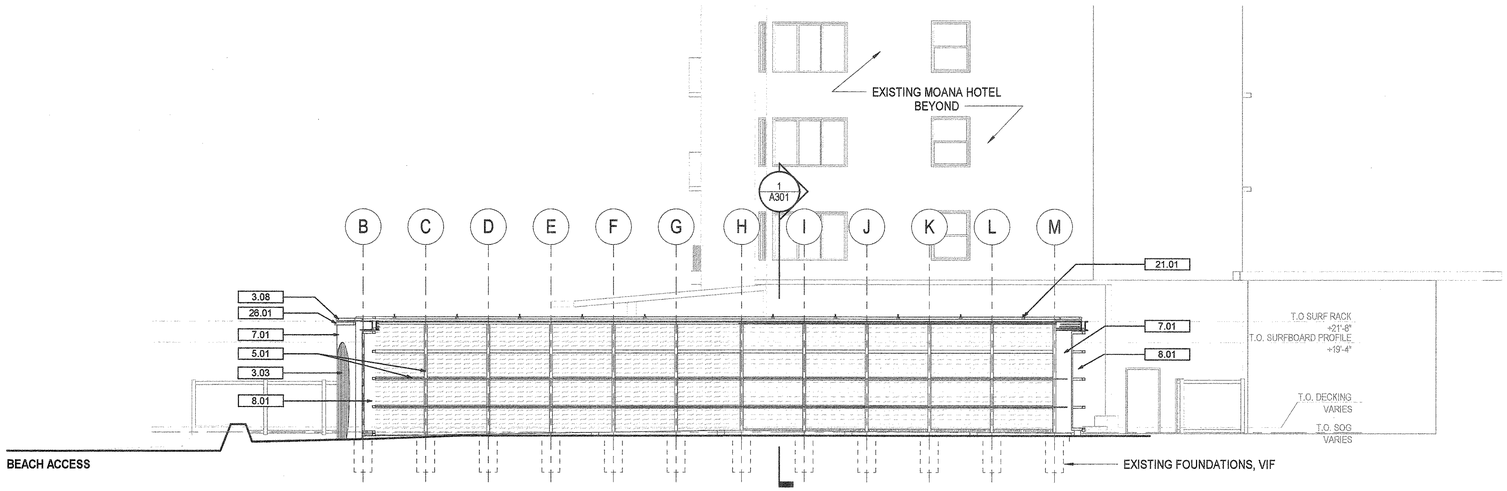
PROJECT NO. 26-P-07

DRAWING NO.:
A203

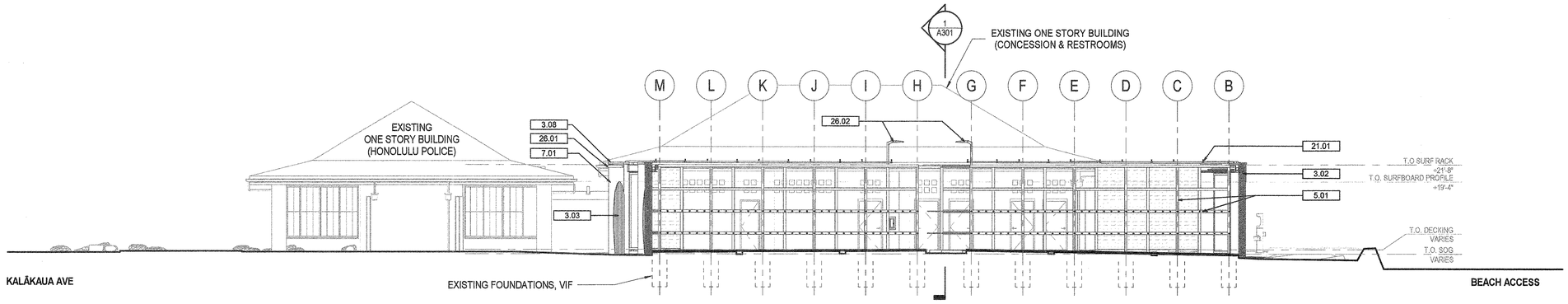
SHEET NO. 13 OF 43

FILE NO. 61/51

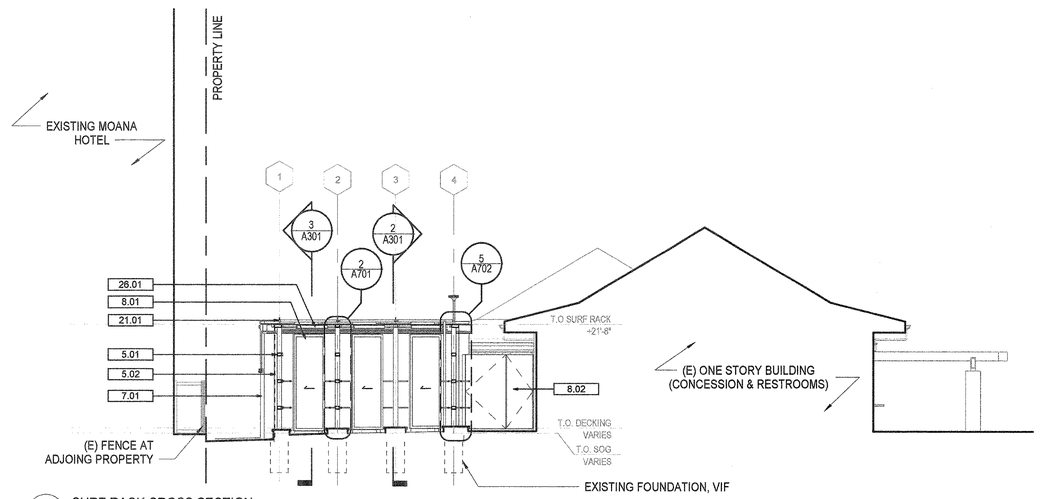
Plot Date: 9/8/2026 1:00:02 PM



3 OVERALL RACK SECTION
SCALE: 1/8" = 1'-0"



2 OVERALL SECTION AT RACK STRUCTURE
SCALE: 1/8" = 1'-0"



1 SURF RACK CROSS SECTION
SCALE: 1/8" = 1'-0"

KEYNOTES	DESCRIPTION
3.02	10" ARCHITECTURAL CAST-IN-PLACE CONCRETE END CAP WALL, PT-04 WHERE EXPOSED
3.03	STAINED CONCRETE FORMLINER IMPRESSION. COORDINATE PROFILE WITH ARCHITECT, CONC-03
3.08	PRECAST CONCRETE COPING, PT-04
5.01	GALVANIZED STEEL RACK POST AND FRAME W/ WELDED TOP CAP, PTD PT-01, TYP. SEE STRUCTURAL DRAWINGS
5.02	3/16" PERFORATED ALUMINUM SCREEN, MET-01
7.01	DIRECT APPLIED EXTERIOR FINISH SYSTEM, DEFS-01
8.01	OVERHEAD HUNG SLIDING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS MET-01
8.02	SWING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS, MET-01
21.01	DELUGE SPRINKLER AND PIPING
26.01	LINEAR SURFACE MOUNTED LED LIGHT. SEE ELECTRICAL DRAWINGS
26.02	SOLAR POWERED STREET LIGHT ATTACHED TO 3" DIAMETER GALVANIZED STEEL PIPE, CENTERED ON TOP OF RACK POST. SEE STRUCTURAL & ELECTRICAL DRAWINGS. STEEL PIPE TO BE PAINTED PT-01

REVISION	DATE	DESCRIPTION	SHT. NO.	APPROVED
	04/07/25	SCHEMATIC DESIGN	05	

8 4 0 8 16
Graphic Scale (Scale: 1/8"=1'-0")

SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

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SEAN BAUMES, AIA
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DESIGNED BY: SB, HG
CHECKED BY: SB, HG
DRAWN BY: KK
DATE: 09/01/25
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

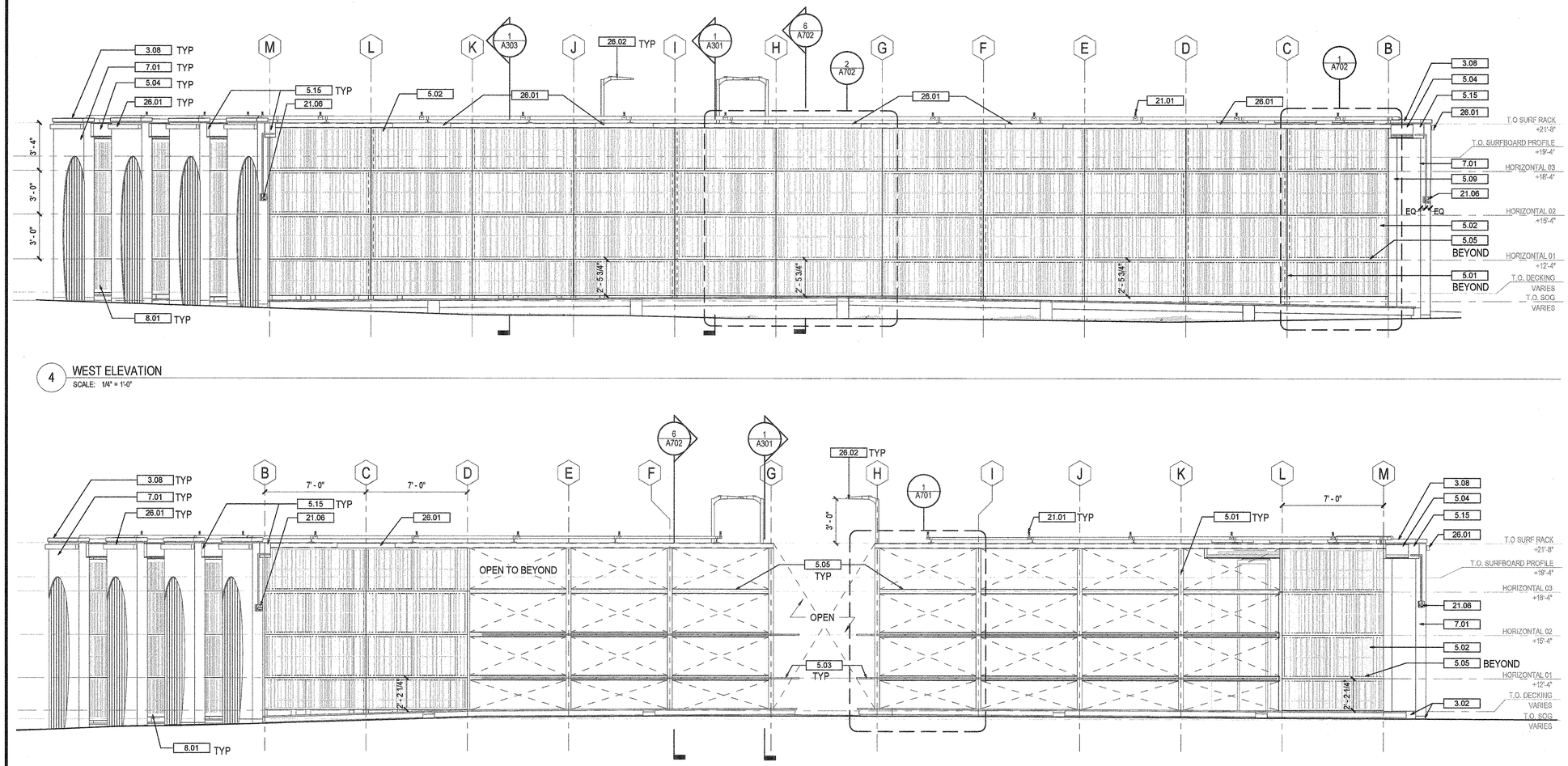
2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

OVERALL SECTIONS

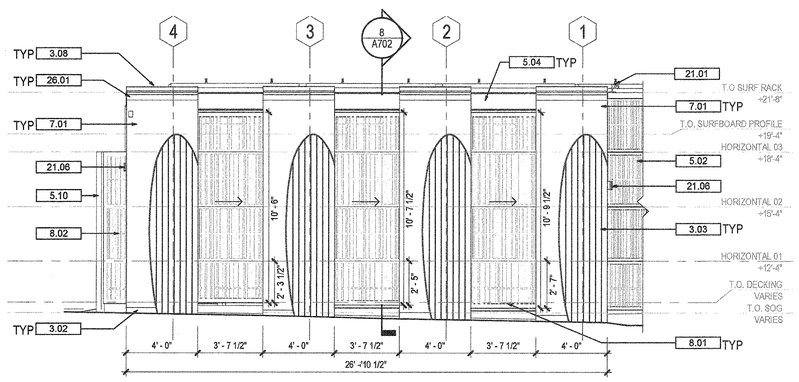
PROJECT NO. 28-P-07
DRAWING NO.:
A301
SHEET NO. 14 OF 43
FILE NO. 61/51

Plot Date: 9/8/2026 1:00:03 PM

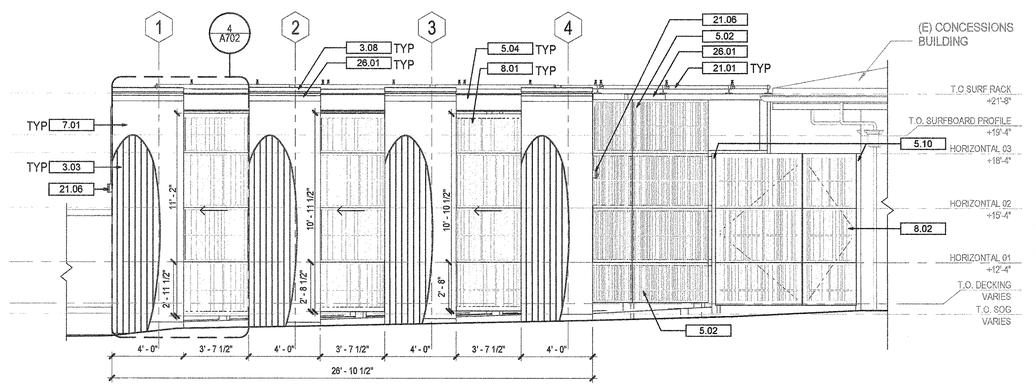


4 WEST ELEVATION
SCALE: 1/4" = 1'-0"

3 EAST ELEVATION
SCALE: 1/4" = 1'-0"



2 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



1 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

KEYNOTES	DESCRIPTION
3.02	10" ARCHITECTURAL CAST-IN-PLACE CONCRETE END CAP WALL, PT-04 WHERE EXPOSED
3.03	STAINED CONCRETE FORMLINER IMPRESSION. COORDINATE PROFILE WITH ARCHITECT, CONC-03
3.08	PRECAST CONCRETE COPING, PT-04
5.01	GALVANIZED STEEL RACK POST AND FRAME W/ WELDED TOP CAP, PTD PT-01, TYP. SEE STRUCTURAL DRAWINGS
5.02	3/16" PERFORATED ALUMINUM SCREEN, MET-01
5.03	GALVANIZED 1" ROUND STEEL BAR STOCK RACK DIVIDER, PTD PT-01, TYP
5.04	GALVANIZED STEEL HEADER CHANNEL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.05	4X8 GALVANIZED STEEL HORIZONTAL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.09	3/16" SOLID METAL PANEL, MET-02
5.10	STRUCTURAL STEEL GATE POSTS W/ WELDED TOP CAP, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.15	STEEL CAP PLATE WITH HEADED STUD ANCHOR, PTD PT-01. SEE STRUCTURAL DRAWINGS
7.01	DIRECT APPLIED EXTERIOR FINISH SYSTEM, DEFS-01
8.01	OVERHEAD HUNG SLIDING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS MET-01
8.02	SWING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS, MET-01
21.01	DELUGE SPRINKLER AND PIPING
21.06	AUDIBLE AND VISUAL FIRE ALARM. SEE ELECTRICAL DRAWINGS
26.01	LINEAR SURFACE MOUNTED LED LIGHT. SEE ELECTRICAL DRAWINGS
26.02	SOLAR POWERED STREET LIGHT ATTACHED TO 3" DIAMETER GALVANIZED STEEL PIPE, CENTERED ON TOP OF RACK POST. SEE STRUCTURAL & ELECTRICAL DRAWINGS. STEEL PIPE TO BE PAINTED PT-01

NOTES:

1. PAINT EXPOSED CONDUIT AND J-BOXES TO MATCH ADJACENT SURFACES

4 2 0 4 8
Graphic Scale (Scale: 1/4"=1'-0")

05	04	03	02	01	00	00	00	00	00	SHT. NO.	APPROVED
										DESCRIPTION	
									04/07/25	DATE:	
										REVISION	

SCHEMATIC DESIGN

SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

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SEAN BAUMES, AIA
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DESIGNED BY: SB, HG
CHECKED BY: SB, HG
DRAWN BY: KK
DATE: 09/01/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

ELEVATIONS

PROJECT NO. 26-P-07

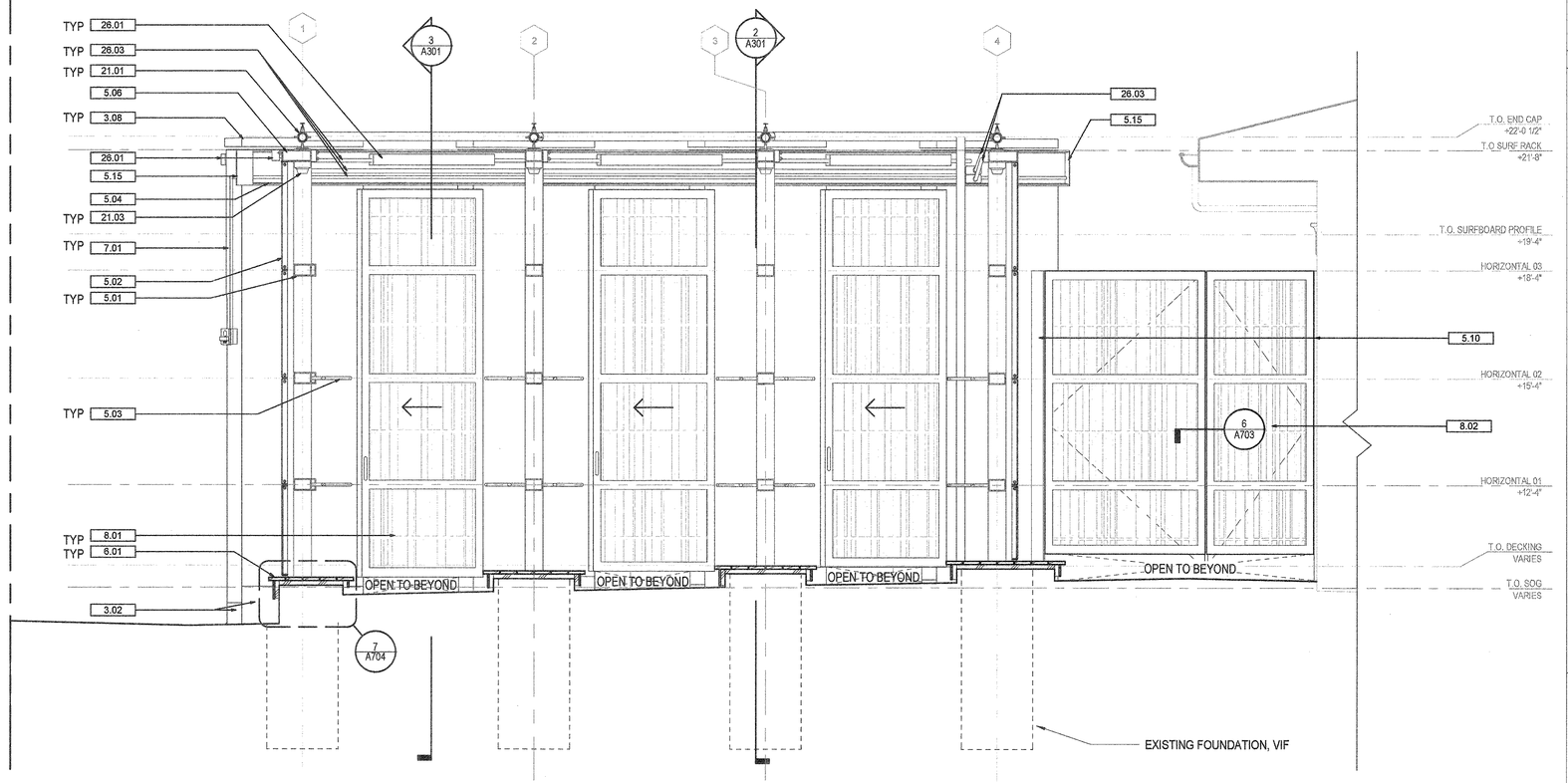
DRAWING NO.:

A302

SHEET NO. 15 OF 43

FILE NO. 61/51

Plot Date: 9/8/2026 1:00:06 PM



1 ENLARGED RACK CROSS SECTION
SCALE: 1/2" = 1'-0"

Keynote Legend	
Key Value	Keynote Text
3.02	10" ARCHITECTURAL CAST-IN-PLACE CONCRETE END CAP WALL, PT-04 WHERE EXPOSED
3.08	PRECAST CONCRETE COPING, PT-04
5.01	GALVANIZED STEEL RACK POST AND FRAME W/ WELDED TOP CAP, PTD PT-01, TYP. SEE STRUCTURAL DRAWINGS
5.02	3/16" PERFORATED ALUMINUM SCREEN, MET-01
5.03	GALVANIZED 1" ROUND STEEL BAR STOCK RACK DIVIDER, PTD PT-01, TYP
5.04	GALVANIZED STEEL HEADER CHANNEL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.06	4X10 GALVANIZED STEEL HORIZONTAL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.10	STRUCTURAL STEEL GATE POSTS W/ WELDED TOP CAP, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.15	STEEL CAP PLATE WITH HEADED STUD ANCHOR, PTD PT-01. SEE STRUCTURAL DRAWINGS
6.01	COMPOSITE WOOD DECKING, COMP-01
7.01	DIRECT APPLIED EXTERIOR FINISH SYSTEM, DEFS-01
8.01	OVERHEAD HUNG SLIDING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS MET-01
8.02	SWING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS, MET-01
21.01	DELUGE SPRINKLER AND PIPING
21.03	HEAT DETECTOR, SEE ELECTRICAL DRAWINGS
26.01	LINEAR SURFACE MOUNTED LED LIGHT. SEE ELECTRICAL DRAWINGS
26.03	CONDUIT ON UNISTRUT, SEE ELECTRICAL DRAWINGS, PTD TO MATCH ADJACENT SURFACE

NOTES:

1. PAINT EXPOSED CONDUIT AND J-BOXES TO MATCH ADJACENT SURFACES

2 1 0 2 4
Graphic Scale (Scale: 1/2"=1'-0")

NO	DATE	DESCRIPTION	APPROVED
00			
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SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

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DESIGNED BY: SB, HG
CHECKED BY: SB, HG
DRAWN BY: KK
DATE: 08/01/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

ENLARGED SECTIONS

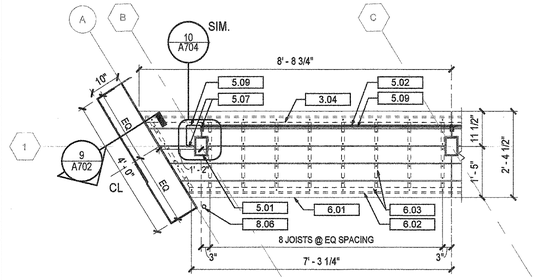
PROJECT NO. 26-P-07

DRAWING NO.:
A303

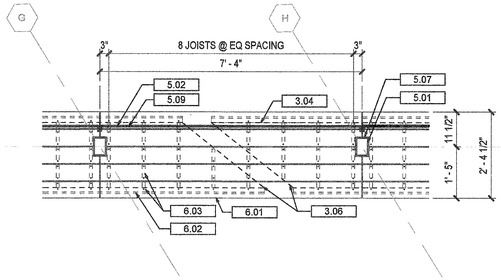
SHEET NO. 16 OF 43

FILE NO. 61/51

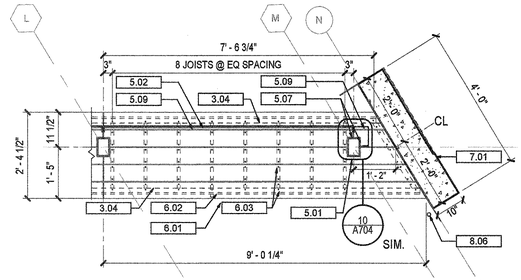
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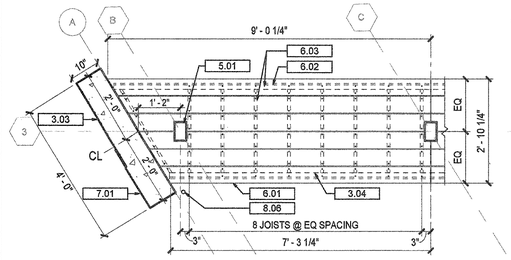
17 BASE PLAN @ WEST MAKAI END CAP
SCALE: 1/2" = 1'-0"



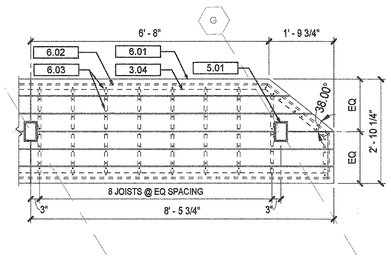
16 BASE PLAN @ CENTER PANEL
SCALE: 1/2" = 1'-0"



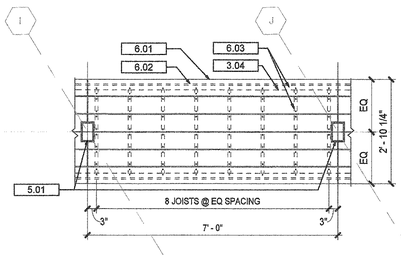
15 BASE PLAN @ WEST MAUKA END CAP
SCALE: 1/2" = 1'-0"



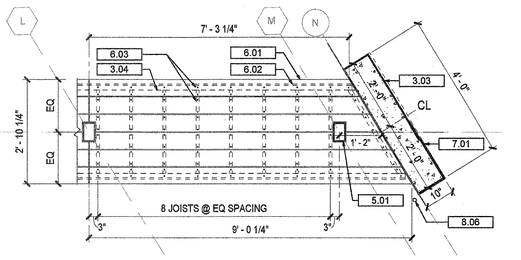
14 TYP BASE PLAN @ MAKAI END CAP
SCALE: 1/2" = 1'-0"



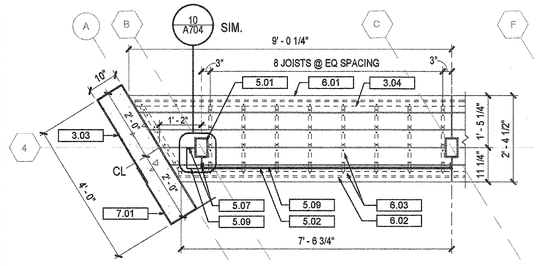
13 TYP SURFBOARD RACK BASE PLAN @ AISLE
SCALE: 1/2" = 1'-0"



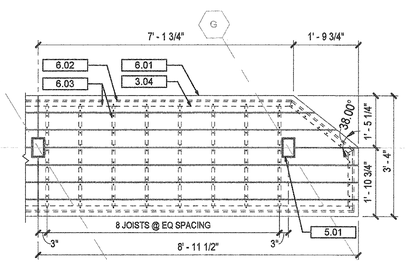
12 TYP SURFBOARD RACK BASE PLAN
SCALE: 1/2" = 1'-0"



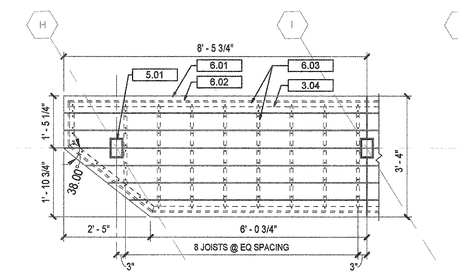
11 TYP BASE PLAN @ MAUKA END CAP
SCALE: 1/2" = 1'-0"



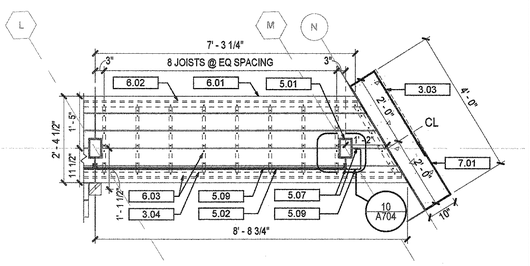
10 BASE PLAN @ EAST MAKAI END CAP
SCALE: 1/2" = 1'-0"



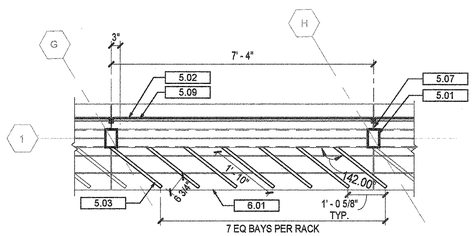
9 MAKAI SURFBOARD AND SUP RACK BASE PLAN @ AISLE
SCALE: 1/2" = 1'-0"



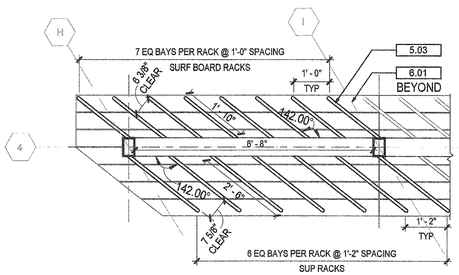
8 MAUKA SURFBOARD AND SUP RACK BASE PLAN @ AISLE
SCALE: 1/2" = 1'-0"



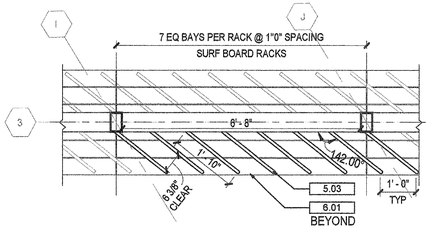
7 BASE PLAN @ EAST MAUKA END CAP
SCALE: 1/2" = 1'-0"



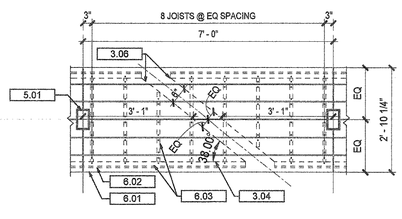
6 SURFBOARD LAYOUT @ CENTER PANEL
SCALE: 1/2" = 1'-0"



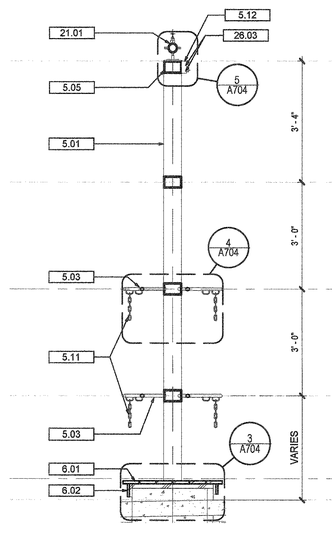
5 TYP SURFBOARD AND SUP RACK LAYOUT @ AISLE
SCALE: 1/2" = 1'-0"



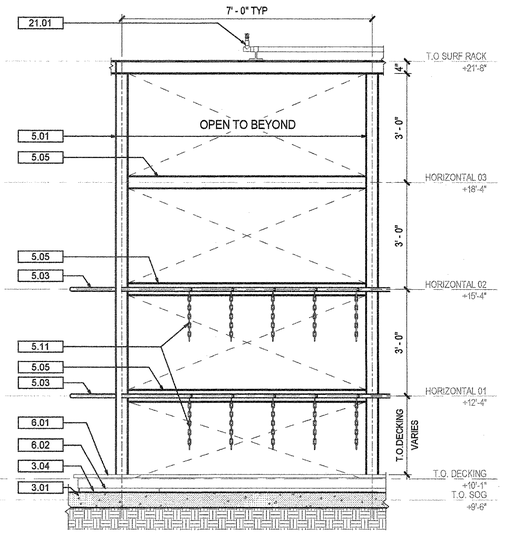
4 TYP SURFBOARD RACK LAYOUT
SCALE: 1/2" = 1'-0"



3 TYP SURFBOARD RACK BASE PLAN @ CURB CUT
SCALE: 1/2" = 1'-0"



2 TYP SURF RACK MODULE SECTION
SCALE: 1/2" = 1'-0"



1 TYP SURF RACK MODULE ELEVATION
SCALE: 1/2" = 1'-0"

KEYNOTES	DESCRIPTION
3.01	INTEGRALLY COLORED CONCRETE SLAB ON GRADE WITH ROCK SALT FINISH, CONC-01. SEE STRUCTURAL DRAWINGS
3.03	STAINED CONCRETE FORMLINER IMPRESSION. COORDINATE PROFILE WITH ARCHITECT, CONC-03
3.04	CONCRETE CURB, TYP AT EACH RACK
3.06	6" WIDE CURB OPENING, CENTERED BETWEEN RACK STRUCTURE POSTS
5.01	GALVANIZED STEEL RACK POST AND FRAME W/ WELDED TOP CAP, PTD PT-01, TYP. SEE STRUCTURAL DRAWINGS
5.02	3/16" PERFORATED ALUMINUM SCREEN, MET-01
5.03	GALVANIZED 1" ROUND STEEL BAR STOCK RACK DIVIDER, PTD PT-01, TYP
5.05	4X6 GALVANIZED STEEL HORIZONTAL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.07	CONTINUOUS STEEL L BRACKET WELDED TO STRUCTURE, PTD PT-01
5.09	3/16" SOLID METAL PANEL, MET-02
5.11	2" STEEL CHAIN
5.12	GALVANIZED STEEL UNISTRUT, PTD PT-01
6.01	COMPOSITE WOOD DECKING, COMP-01
6.02	COMPOSITE WOOD FASCIA BOARD, COMP-01
6.03	DECKING JOIST; FASTEN 3/4" MINIMUM FROM DECKING EDGE
7.01	DIRECT APPLIED EXTERIOR FINISH SYSTEM, DEFS-01
8.06	CANE BOLT THROW
21.01	DELUGE SPRINKLER AND PIPING
26.03	CONDUIT ON UNISTRUT, SEE ELECTRICAL DRAWINGS, PTD TO MATCH ADJACENT SURFACE

GENERAL NOTES:

1. PROVIDE SEPARATION BETWEEN DISSIMILAR METALS
2. PAINT EXPOSED CONDUIT AND J-BOXES TO MATCH ADJACENT SURFACE

2 1 0 2 4
Graphic Scale (Scale: 1/2"=1'-0")

NO.	DESCRIPTION	DATE	REVISION	APPROVED
05				
04				
03				
02				
01				

SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SEAN BAUMES, AIA
LICENSE EXPIRES APRIL 30, 2028
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DESIGNED BY: SB, HG
CHECKED BY: SB, HG
DRAWN BY: KK
DATE: 09/01/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

RACK DETAILS

PROJECT NO. 26-P-07

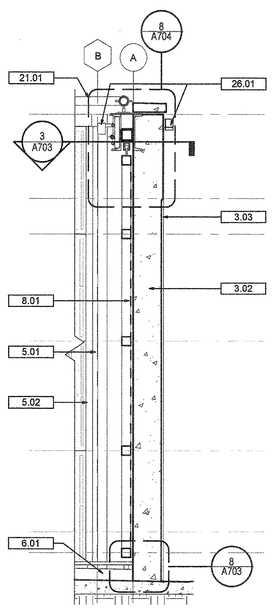
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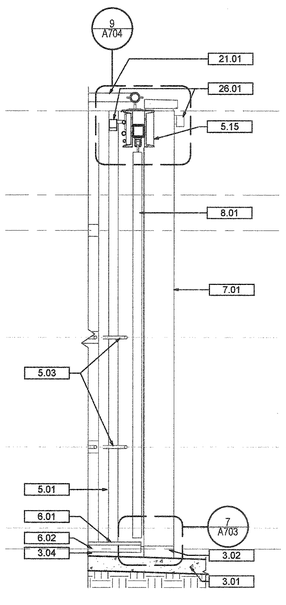
SHEET NO. 17 OF 43

FILE NO. 61/51

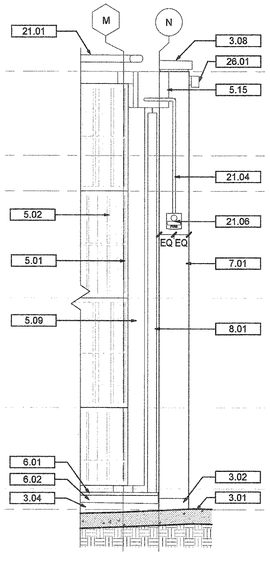
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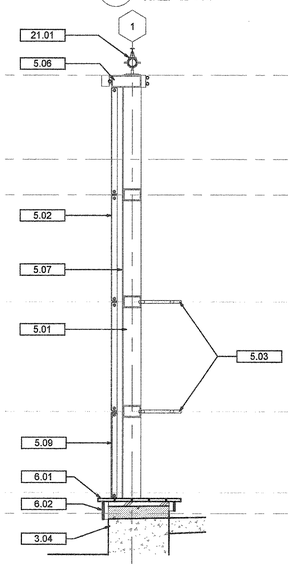
9 TYP END CAP SECTION
SCALE: 1/2" = 1'-0"



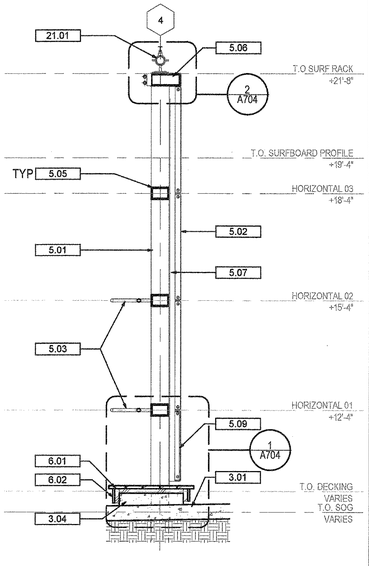
8 TYP END CAP SLIDING GATE SECTION
SCALE: 1/2" = 1'-0"



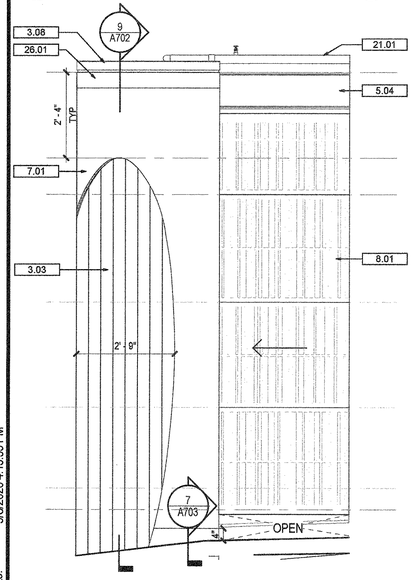
7 PERFORATED METAL AND END CAP ELEVATION
SCALE: 1/2" = 1'-0"



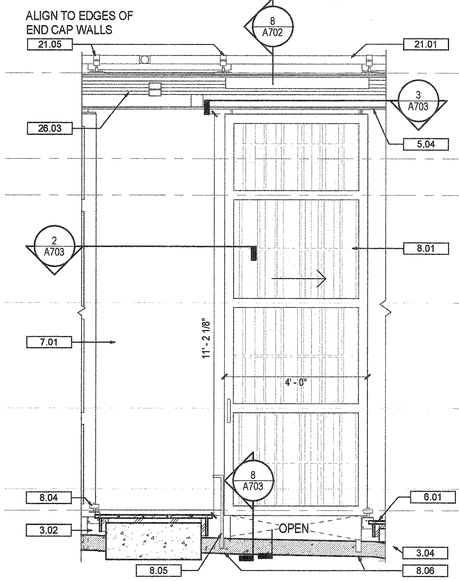
6 PERFORATED METAL PANEL SECTION ALONG HOTEL SIDE
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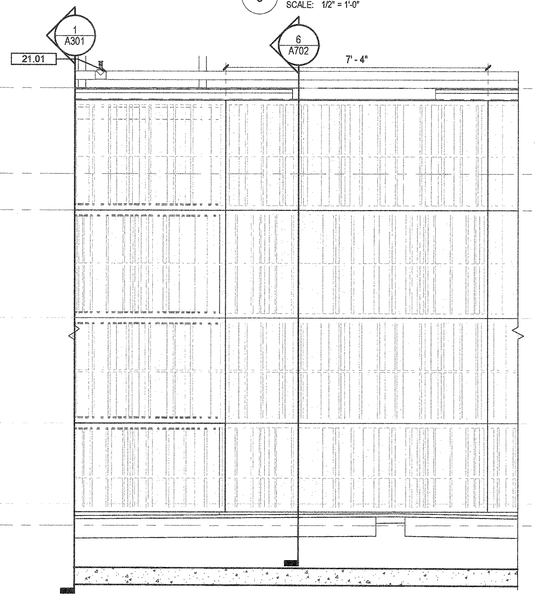
5 SURF RACK METAL PANEL SECTION
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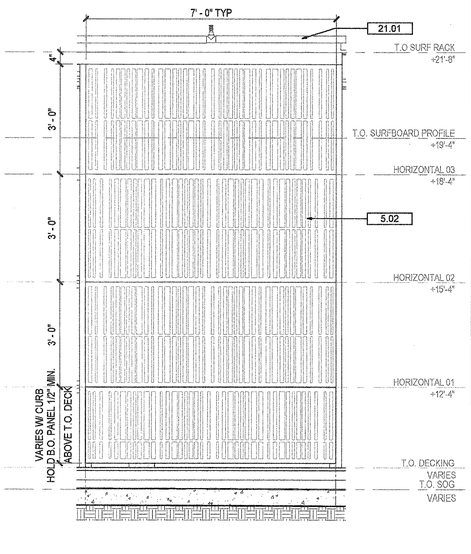
4 TYP END CAP EXTERIOR ELEVATION
SCALE: 1/2" = 1'-0"



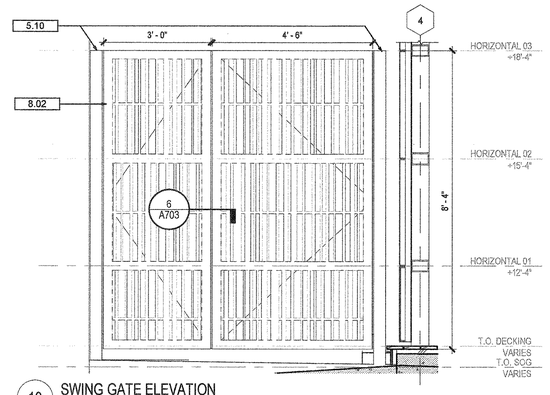
3 TYP END CAP SLIDING GATE INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"



2 PERFORATED METAL CENTER PANEL
SCALE: 1/2" = 1'-0"



1 PERFORATED METAL PANEL TYPICAL LAYOUT
SCALE: 1/2" = 1'-0"



10 SWING GATE ELEVATION
SCALE: 1/2" = 1'-0"

KEYNOTES	DESCRIPTION
3.01	INTEGRALLY COLORED CONCRETE SLAB ON GRADE WITH ROCK SALT FINISH, CONC-01. SEE STRUCTURAL DRAWINGS
3.02	10" ARCHITECTURAL CAST-IN-PLACE CONCRETE END CAP WALL, PT-04 WHERE EXPOSED
3.03	STAINED CONCRETE FORMLINER IMPRESSION. COORDINATE PROFILE WITH ARCHITECT, CONC-03
3.04	CONCRETE CURB, TYP AT EACH RACK
3.08	PRECAST CONCRETE COPING, PT-04
5.01	GALVANIZED STEEL RACK POST AND FRAME W/ WELDED TOP CAP, PTD PT-01, TYP. SEE STRUCTURAL DRAWINGS
5.02	3/16" PERFORATED ALUMINUM SCREEN, MET-01
5.03	GALVANIZED 1" ROUND STEEL BAR STOCK RACK DIVIDER, PTD PT-01, TYP
5.04	GALVANIZED STEEL HEADER CHANNEL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.05	4X6 GALVANIZED STEEL HORIZONTAL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.06	4X10 GALVANIZED STEEL HORIZONTAL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.07	CONTINUOUS STEEL L BRACKET WELDED TO STRUCTURE, PTD PT-01
5.09	3/16" SOLID METAL PANEL, MET-02
5.10	STRUCTURAL STEEL GATE POSTS W/ WELDED TOP CAP, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.15	STEEL CAP PLATE WITH HEADED STUD ANCHOR, PTD PT-01. SEE STRUCTURAL DRAWINGS
6.01	COMPOSITE WOOD DECKING, COMP-01
6.02	COMPOSITE WOOD FASCIA BOARD, COMP-01
7.01	DIRECT APPLIED EXTERIOR FINISH SYSTEM, DEFS-01
8.01	OVERHEAD HUNG SLIDING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS MET-01
8.02	SWING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS, MET-01
8.04	STAINLESS STEEL SLIDING GATE STAY ROLLER WITH NYLON WHEEL
8.05	CANE BOLT
8.06	CANE BOLT THROW
21.01	DELUGE SPRINKLER AND PIPING
21.04	SURFACE MOUNTED FIRE ALARM CONDUIT, PTD PT-04. SEE ELECTRICAL DRAWINGS
21.05	WELDED GALVANIZED STEEL SPRINKLER PIPE STAND, PT-02
21.06	AUDIBLE AND VISUAL FIRE ALARM. SEE ELECTRICAL DRAWINGS
26.01	LINEAR SURFACE MOUNTED LED LIGHT. SEE ELECTRICAL DRAWINGS
26.03	CONDUIT ON UNISTRUT, SEE ELECTRICAL DRAWINGS, PTD TO MATCH ADJACENT SURFACE

GENERAL NOTES:

1. PROVIDE SEPARATION BETWEEN DISSIMILAR METALS
2. PAINT EXPOSED CONDUIT AND J-BOXES TO MATCH ADJACENT SURFACE

2 1 0 2 4
Graphic Scale (Scale: 1/2"=1'-0")

NO.	DESCRIPTION	DATE	APPROVED
01			
02			
03			
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05			
06			
07			
08			
09			
10			

SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SEAN BAUMES, AIA
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: SB, HG
DRAWN BY: KK
CHECKED BY: SB, HG
DATE: 09/01/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

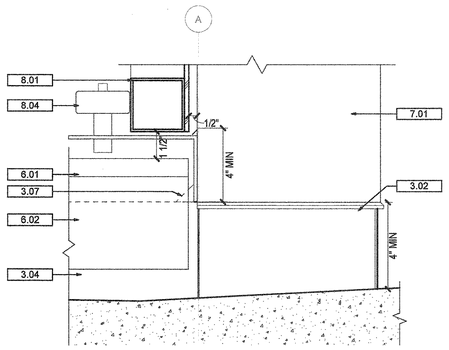
METAL SCREEN DETAILS

PROJECT NO. 26-P-07

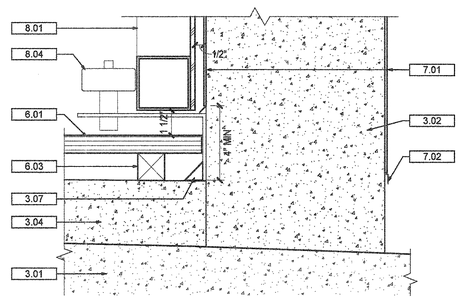
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SHEET NO. 18 OF 43
FILE NO. 61/51

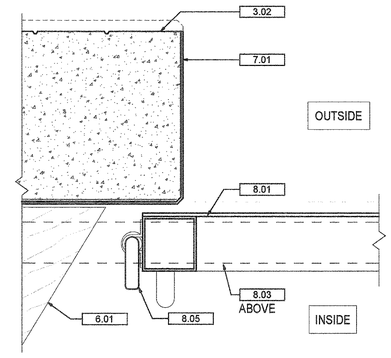
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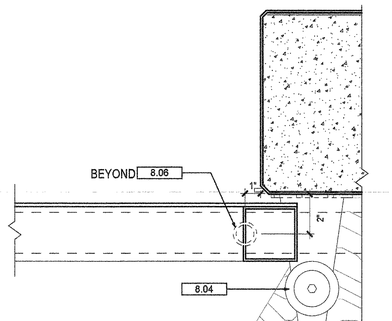
8 END CAP DEFS DETAIL
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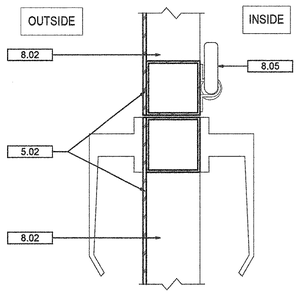


7 END CAP SLIDING GATE THRESHOLD DETAIL
SCALE: 3" = 1'-0"

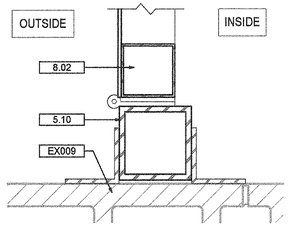


3 TYP END CAP SLIDING GATE JAMB DETAIL
SCALE: 3" = 1'-0"

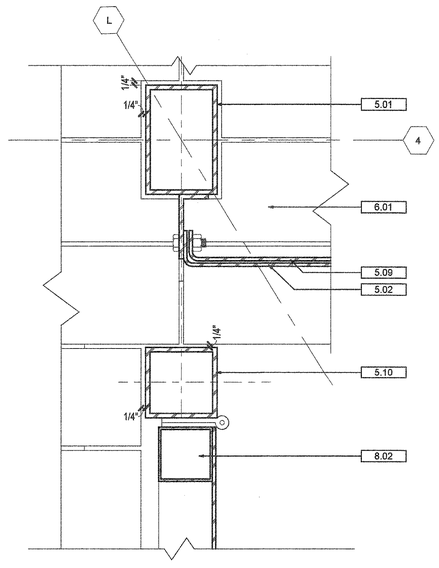




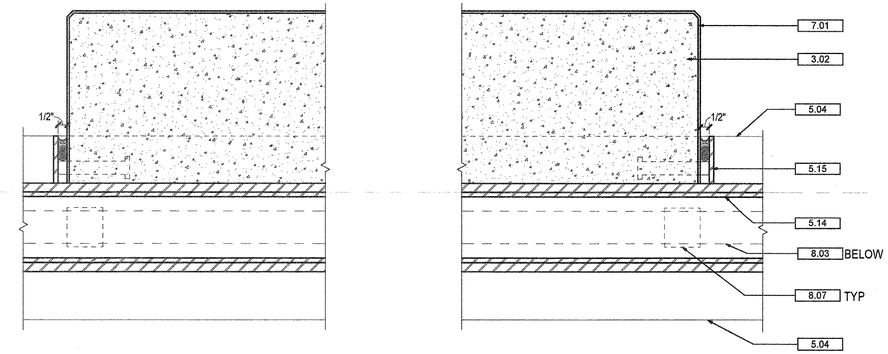
6 SWING GATE LOCK DETAIL
SCALE: 3" = 1'-0"



5 TYP SWING GATE JAMB DETAIL AT WALL
SCALE: 3" = 1'-0"



4 TYP SWING GATE HINGE DETAIL
SCALE: 3" = 1'-0"



2 TYP END CAP SLIDING GATE HEADER PLAN
SCALE: 3" = 1'-0"

SCALE 3" = 1'-0"
0' 1/8" 1/4" 1/2" 1"

KEYNOTES	DESCRIPTION
3.01	INTEGRALLY COLORED CONCRETE SLAB ON GRADE WITH ROCK SALT FINISH, CONC-01. SEE STRUCTURAL DRAWINGS
3.02	10" ARCHITECTURAL CAST-IN-PLACE CONCRETE END CAP WALL, PT-04 WHERE EXPOSED
3.04	CONCRETE CURB, TYP AT EACH RACK
3.07	CONCRETE CANT STRIP
5.01	GALVANIZED STEEL RACK POST AND FRAME W/ WELDED TOP CAP, PTD PT-01, TYP. SEE STRUCTURAL DRAWINGS
5.02	3/16" PERFORATED ALUMINUM SCREEN, MET-01
5.04	GALVANIZED STEEL HEADER CHANNEL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.09	3/16" SOLID METAL PANEL, MET-02
5.10	STRUCTURAL STEEL GATE POSTS W/ WELDED TOP CAP, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.14	CONTINUOUS HSS. SEE STRUCTURAL
5.15	STEEL CAP PLATE WITH HEADED STUD ANCHOR, PTD PT-01. SEE STRUCTURAL DRAWINGS
6.01	COMPOSITE WOOD DECKING, COMP-01
6.02	COMPOSITE WOOD FASCIA BOARD, COMP-01
6.03	DECKING JOIST; FASTEN 3/4" MINIMUM FROM DECKING EDGE
7.01	DIRECT APPLIED EXTERIOR FINISH SYSTEM, DEFS-01
7.02	STAINLESS STEEL FLASHING
8.01	OVERHEAD HUNG SLIDING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS MET-01
8.02	SWING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS, MET-01
8.03	OVERHEAD HUNG GALVANIZED STEEL SLIDING GATE BOX TRACK. BRACKETS LOCATED MINIMUM 2' O.C., PT-02
8.04	STAINLESS STEEL SLIDING GATE STAY ROLLER WITH NYLON WHEEL
8.05	CANE BOLT
8.06	CANE BOLT THROW
8.07	WALL MOUNTED GALVANIZED STEEL SLIDING GATE BOX TRACK. BRACKETS LOCATED MINIMUM 2' O.C., PT-02
EX009	EXISTING CMU WALL

05	05	05	05	05	05	05	05	05	05	SHT. NO.	APPROVED
										DESCRIPTION	
										DATE:	
										REVISION	

SEAN BAUMES
LICENSED PROFESSIONAL ARCHITECT
No. AR-15932
HAWAII, U.S.A.

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CHECKED BY: SB, HG
DRAWN BY: KK
DATE: 08/01/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

ENLARGED GATE DETAILS

PROJECT NO. 26-P-07

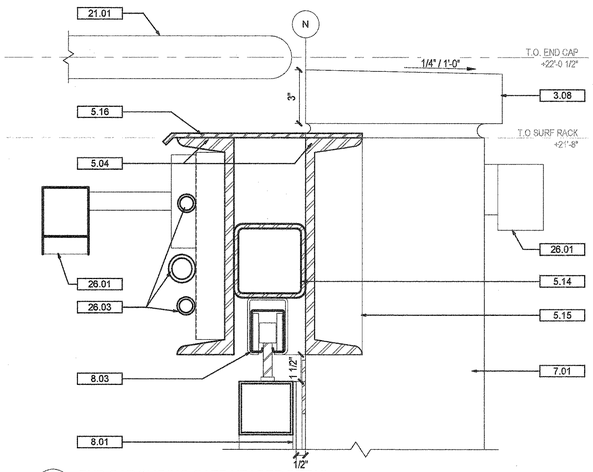
DRAWING NO.:

A703

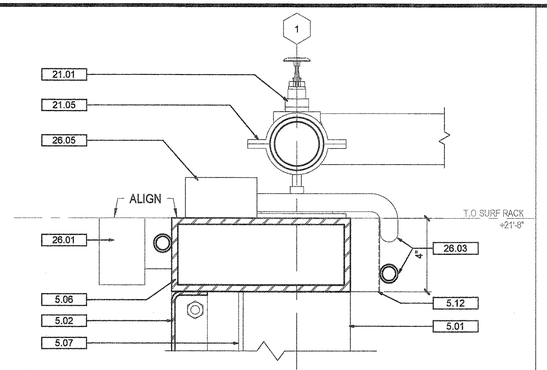
SHEET NO. 19 OF 43

FILE NO. 61/51

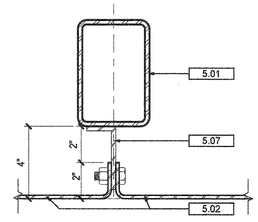
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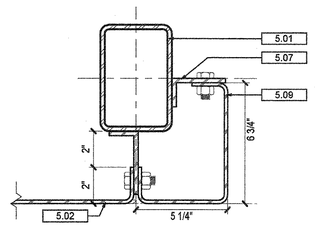
9 END CAP SLIDING GATE HEADER DETAIL
SCALE: 3" = 1'-0"



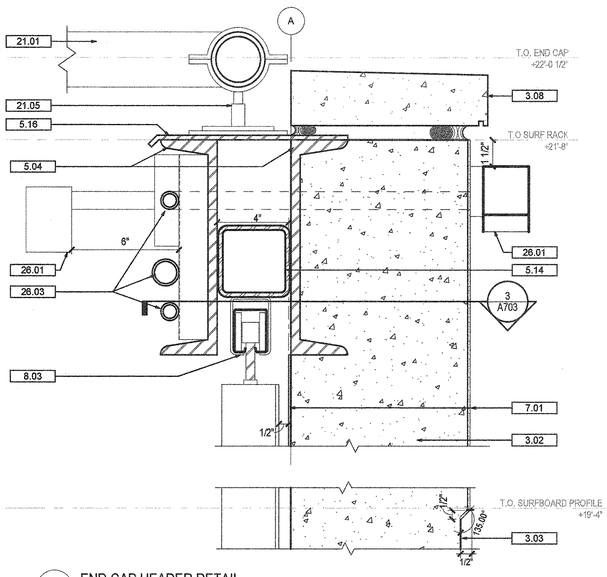
6 PERFORTATED METAL HEADER DETAIL @ LIGHT FIXTURE
SCALE: 3" = 1'-0"



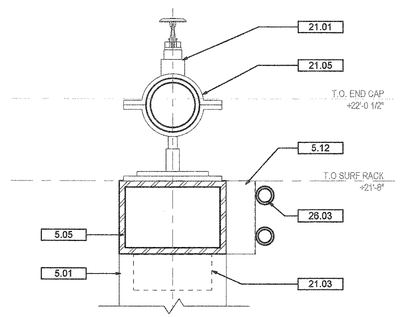
11 TYP METAL PANEL CONNECTION DETAIL
SCALE: 3" = 1'-0"



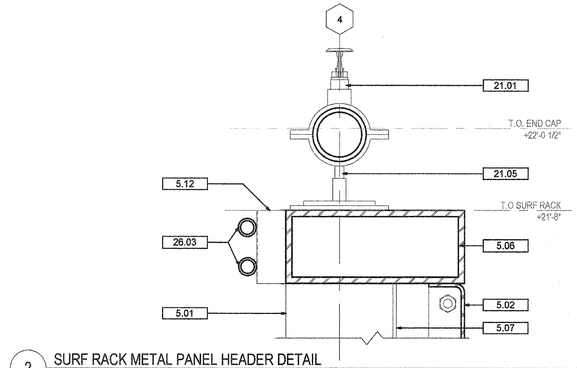
10 METAL PANEL CONNECTION DETAIL @ END
SCALE: 3" = 1'-0"



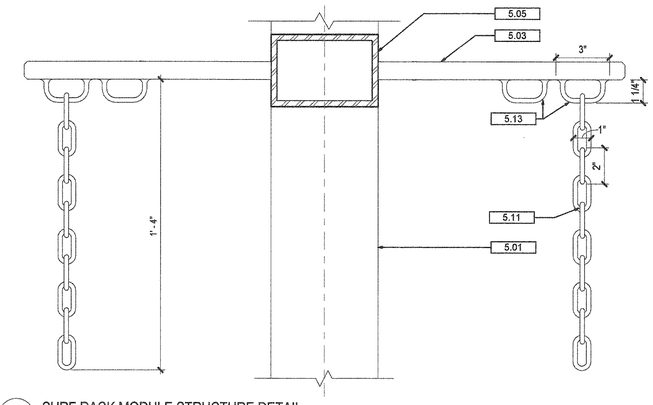
8 END CAP HEADER DETAIL
SCALE: 3" = 1'-0"



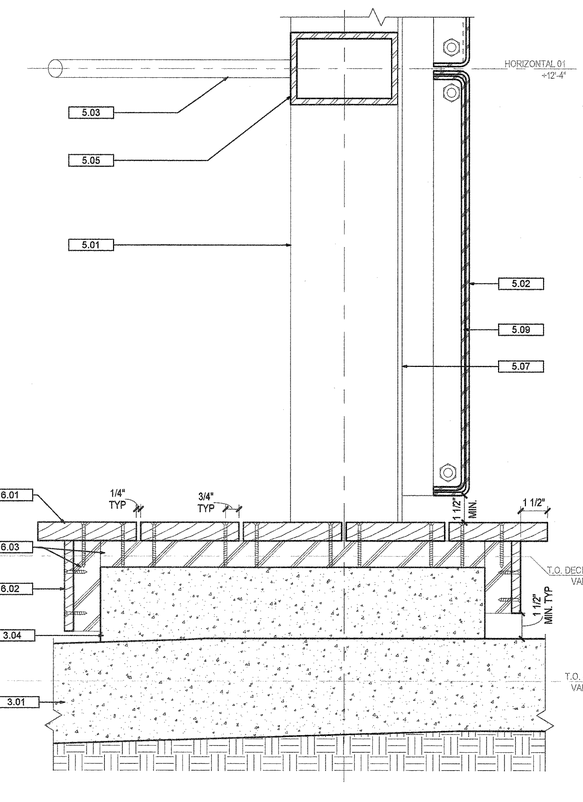
5 SURF RACK MODULE TOP RAIL DETAIL
SCALE: 3" = 1'-0"



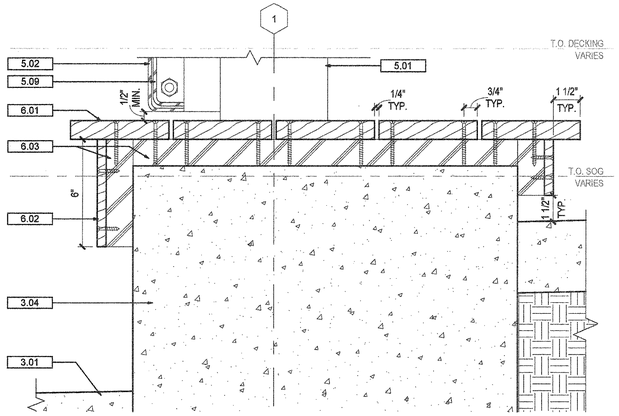
2 SURF RACK METAL PANEL HEADER DETAIL
SCALE: 3" = 1'-0"



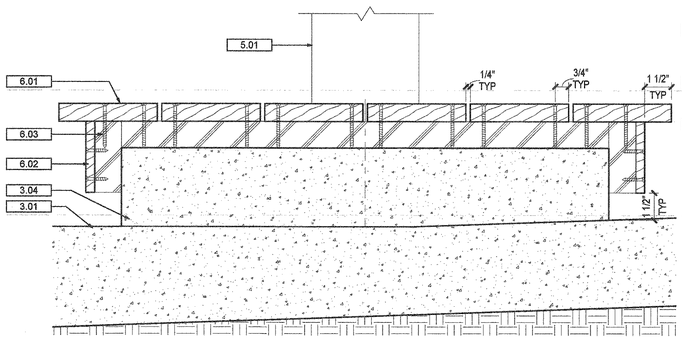
4 SURF RACK MODULE STRUCTURE DETAIL
SCALE: 3" = 1'-0"



1 SURF RACK METAL PANEL BASE DETAIL
SCALE: 3" = 1'-0"



7 SURF RACK MODULE BASE DETAIL AT EXTERIOR CURB
SCALE: 3" = 1'-0"



3 SURF RACK MODULE BASE DETAIL
SCALE: 3" = 1'-0"

KEYNOTES	DESCRIPTION
3.01	INTEGRALLY COLORED CONCRETE SLAB ON GRADE WITH ROCK SALT FINISH, CONC-01. SEE STRUCTURAL DRAWINGS
3.02	10" ARCHITECTURAL CAST-IN-PLACE CONCRETE END CAP WALL, PT-04 WHERE EXPOSED
3.03	STAINED CONCRETE FORMLINER IMPRESSION. COORDINATE PROFILE WITH ARCHITECT, CONC-03
3.04	CONCRETE CURB, TYP AT EACH RACK
3.08	PRECAST CONCRETE COPING, PT-04
5.01	GALVANIZED STEEL RACK POST AND FRAME W/ WELDED TOP CAP, PTD PT-01, TYP. SEE STRUCTURAL DRAWINGS
5.02	3/16" PERFORATED ALUMINUM SCREEN, MET-01
5.03	GALVANIZED 1" ROUND STEEL BAR STOCK RACK DIVIDER, PTD PT-01, TYP
5.04	GALVANIZED STEEL HEADER CHANNEL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.05	4X6 GALVANIZED STEEL HORIZONTAL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.06	4X10 GALVANIZED STEEL HORIZONTAL, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.07	CONTINUOUS STEEL L BRACKET WELDED TO STRUCTURE, PTD PT-01
5.09	3/16" SOLID METAL PANEL, MET-02
5.11	2" STEEL CHAIN
5.12	GALVANIZED STEEL UNISTRUT, PTD PT-01
5.13	STEEL LOOP WELDED TO UNDERSIDE OF STEEL BAR
5.14	CONTINUOUS HSS. SEE STRUCTURAL
5.15	STEEL CAP PLATE WITH HEADED STUD ANCHOR, PTD PT-01. SEE STRUCTURAL DRAWINGS
5.16	CONTINUOUS STEEL CAP PLATE, PTD PT-01
6.01	COMPOSITE WOOD DECKING, COMP-01
6.02	COMPOSITE WOOD FASCIA BOARD, COMP-01
6.03	DECKING JOIST; FASTEN 3/4" MINIMUM FROM DECKING EDGE
7.01	DIRECT APPLIED EXTERIOR FINISH SYSTEM, DEFS-01
8.01	OVERHEAD HUNG SLIDING GATE WITH ALUMINUM FRAME AND 3/16" PERFORATED ALUMINUM INFILL PANELS MET-01
8.03	OVERHEAD HUNG GALVANIZED STEEL SLIDING GATE BOX TRACK. BRACKETS LOCATED MINIMUM 2' O.C., PT-02
21.01	DELUGE SPRINKLER AND PIPING
21.03	HEAT DETECTOR, SEE ELECTRICAL DRAWINGS
21.05	WELDED GALVANIZED STEEL SPRINKLER PIPE STAND, PT-02
26.01	LINEAR SURFACE MOUNTED LED LIGHT. SEE ELECTRICAL DRAWINGS
26.03	CONDUIT ON UNISTRUT, SEE ELECTRICAL DRAWINGS, PTD TO MATCH ADJACENT SURFACE
26.05	2X4 WEATHERPROOF DATA DROP J-BOX, PTD TO MATCH ADJACENT SURFACE

GENERAL NOTES:

1. PROVIDE SEPARATION BETWEEN DISSIMILAR METALS

SCALE 3" = 1'-0"

0' 1/8" 1/4" 1/2" 1"

REVISION	DATE:	DESCRIPTION	SHT. NO.	APPROVED
			05	
			05	
			05	
			05	
			05	
			05	
			05	
			05	
			05	

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ENLARGED RACK DETAILS

PROJECT NO. 26-P-07

DRAWING NO.:

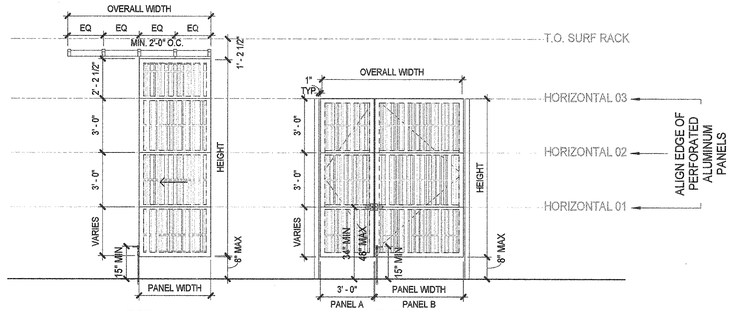
A704

SHEET NO. 20 OF 43

FILE NO. 61/51

Plot Date: 9/8/2026 1:00:28 PM

DOOR SCHEDULE														
		DOOR						FRAME		DETAILS				
DOOR NO.	DOOR TYPE	HEIGHT	OVERALL WIDTH	PANEL WIDTH	THICKNESS	MATERIAL	FINISH	MATERIAL	FINISH	HEAD	JAMB	THRESHOLD	HARDWARE GROUP	SPECIAL NOTES AND COMMENTS
A102	A	10' - 9 1/2"	8' - 0"	4' - 0"	3"	PERFORATED ALUMINUM	MET-01	ALUMINUM	MATCH PERFORATED ALUMINUM	9/A704	8/A703	4/A703	A	
A103	A	10' - 7 1/2"	8' - 0"	4' - 0"	3"	PERFORATED ALUMINUM	MET-01	ALUMINUM	MATCH PERFORATED ALUMINUM	9/A704	8/A703	4/A703	A	
A104	A	10' - 6"	8' - 0"	4' - 0"	3"	PERFORATED ALUMINUM	MET-01	ALUMINUM	MATCH PERFORATED ALUMINUM	9/A704	8/A703	4/A703	A	
A105	A	10' - 10 1/2"	8' - 0"	4' - 0"	3"	PERFORATED ALUMINUM	MET-01	ALUMINUM	MATCH PERFORATED ALUMINUM	9/A704	8/A703	4/A703	A	
A106	A	10' - 11 1/2"	8' - 0"	4' - 0"	3"	PERFORATED ALUMINUM	MET-01	ALUMINUM	MATCH PERFORATED ALUMINUM	9/A704	8/A703	4/A703	A	
A107	A	11' - 2"	8' - 0"	4' - 0"	3"	PERFORATED ALUMINUM	MET-01	ALUMINUM	MATCH PERFORATED ALUMINUM	9/A704	8/A703	4/A703	A	
A108	B	8' - 4"	3' - 0"	4' - 10"	3"	PERFORATED ALUMINUM	MET-01	ALUMINUM	MATCH PERFORATED ALUMINUM		4/A703 OPP, 5/A703, 6/A703		C	
A109	B	8' - 4"	3' - 0"	4' - 6"	3"	PERFORATED ALUMINUM	MET-01	ALUMINUM	MATCH PERFORATED ALUMINUM		4/A703, 5/A703 OPP, 6/A703 OPP		B	



TYPE A
OVERHEAD HUNG
SLIDING GATE

TYPE B
DOUBLE PANEL
SWING GATE

HARDWARE GROUP A:
-EXTERIOR SLIDING DOOR TOP TRACK
-EXTERIOR SLIDING DOOR FLOOR GUIDE
-EXTERIOR ADA COMPLIANT STRAIGHT PULL HANDLE (INSIDE ONLY)
-EXTERIOR HEAVY DUTY LOCKING CANE BOLT FOR SECURING DOOR IN BOTH OPEN & CLOSED POSITIONS

HARDWARE GROUP B
-EXTERIOR HEAVY DUTY LOCKING CANE BOLT (PANEL B2)
-EXTERIOR HEAVY DUTY ADA STOREROOM FUNCTION LEVER LOCKSET(ANSI F86). LOCKABLE FROM EXTERIOR SIDE ONLY. INTERIOR SIDE PROVIDES UNRESTRICTED EGRESS AT ALL TIMES.
-EXTERIOR HEAVY DUTY ADA SELF-CLOSING HINGES (PANEL B1)
-EXTERIOR HEAVY DUTY HINGES (PANEL B2)
-EXTERIOR HEAVY DUTY WALL MOUNTED COMBINATION DOOR STOP/HOLDER (PANEL B1)

HARDWARE GROUP C
-EXTERIOR HEAVY DUTY LOCKING CANE BOLT (PANEL B2)
-EXTERIOR HEAVY DUTY ADA STOREROOM FUNCTION LEVER LOCKSET(ANSI F86). LOCKABLE FROM EXTERIOR SIDE ONLY. INTERIOR SIDE PROVIDES UNRESTRICTED EGRESS AT ALL TIMES.
-EXTERIOR HEAVY DUTY ADA SELF-CLOSING HINGES, FIELD ADJUSTABLE FROM 90° TO 180° (PANEL B1)
-EXTERIOR HEAVY DUTY HINGES FIELD ADJUSTABLE FROM 90° TO 180° (PANEL B2)
-EXTERIOR HEAVY DUTY WALL MOUNTED COMBINATION DOOR STOP/HOLDER WITH MANUAL POSITIVE HOLD-OPEN AND MANUAL RELEASE (PANEL B1)

FINISH SCHEDULE							
MATERIAL	PRODUCT DESCRIPTION	MANUFACTURER	PRODUCT	SIZE/FINISH/COLOR	REMARKS	LOCATION	CONTACT
COMPOSITE DECKING							
COMP-01	COMPOSITE WOOD DECKING	OWENS CORNING	WEARDECK	COLOR: SADDLE SIZE: 5/4" X 6"			JASON CRIMMINS 808.834.1344 jason@rwshawaii.com
CONCRETE							
CONC-01	INTEGRALLY COLORED CONCRETE SLAB ON GRADE	SIKA	SIKACOLOR-120 G	COLOR:C12 MESA BEIGE TEXTURE: ROCK SALT FINISH WITH DCOF >.60 SEALER: SCOFIELD SELECTSEAL PLUS			
CONC-03	STAINED BOARD FORMED CAST-IN-PLACE CONCRETE WALL	SYMONS	SYMONS 4" WIDE AGED CEDAR WOOD PATTERN FORMLINER SOLUTIONS	TEXTURE: 4" WIDE AGED CEDAR WOOD PATTERN FORMLINER STAIN: SIKACOLOR 430 ELEMENTS, COLOR: ELE122 TAUPE SEALER: PROSOCO SURE KLEAN WEATHER SEAL BLOK-GUARD & GRAFFITI CONTROL WB 15	PROVIDE MOCK-UP FOR ARCHITECT REVIEW AND APPROVAL	END CAP WALLS	
EXTERIOR FINISHING SYSTEM							
DEFS-01	DIRECT APPLIED EXTERIOR FINISH SYSTEM	STO	STOQUIK	FINISH: STO SIGNATURE STONE 20 COARSE COLOR: SHERWIN WILLIAMS SW 7688 SUNDEW	PRESSURE WASH THE WALL. PERFORM A PULL TEST TO VERIFY THAT THE BASE COAT WILL STICK TO THE WALL APPROPRIATELY BASE COAT - STOARMAT CLASSIC PLUS EMBED STO ARMOR MAT INTO BASE COAT APPLY STOLIT 1.0 OR 1.5 AS STONE 20 FINISH SEAL WITH (2) COATS STO CLEAR COAT SEALER MATTE		ANDREW IGE 808.842.5819 andrew.ige@myfbm.com
METAL							
MET-01	PERFORATED ALUMINUM METAL PANEL SCREEN	BOK MODERN	PATTERN B14	THICKNESS: 3/16" FINISH: PPG DURANAR XL 3 COAT PVDF COLOR: LEXUS BRONZE			DAVE MASTERS NORTHSHORE EXTERIORS 425.740.3700 dave@northshoreext.com
MET-02	PREFINISHED ALUMINUM			THICKNESS: 3/16" FINISH: PPG DURANAR XL 3 COAT PVDF COLOR: LEXUS BRONZE			
PAINT							
PT-01	CORROSION PROTECTIVE COATING	TNEMEC	PRIMER: SERIES N69 HI-BUILD EPOXOLINE II, DFT 2.0 TO 3.0 MILS FINISH COAT: ENDURASHIELD 1095 (SEMIGLOSS), DFT 2.0 TO 3.0 MILS TOTAL FILM THICKNESS: 4.0 TO 6.0 MILS DFT	COLOR: 84BR WEATHERED BARK	SURFACE PREPARATION: VISIBLE DEPOSITS OF OIL, GREASE, OR OTHER CONTAMINANTS SHALL BE REMOVED AS REQUIRED BY SSPC-SP1. SWEEP (ABRASIVE) BLASTING PER SSPC-SP16 TO ACHIEVE A UNIFORM ANCHOR PROFILE (1.0 TO 2.0 MILS.). GALVANIZED SURFACES MUST BE CLEAN, DRY, AND CONTAMINANT FREE PRIOR TO APPLICATION OF COATINGS. MOCK-UP (FOR ALL APPLICATIONS OVER GALVANIZING): BEFORE COMMENCING THE COATING APPLICATION, TNEMEC RECOMMENDS THAT THE APPLICATOR INSTALL A MOCK-UP OR TEST AREA OF THE SURFACE PREPARATION AND COATING SYSTEM APPLICATION TO SHOW FINAL COLOR, APPEARANCE, COMPATIBILITY, AND ACCEPTABILITY OF PERFORMANCE. AFTER A MINIMUM OF 1 WEEK OF EXPOSURE, PERFORM ADHESION TESTING PER ASTM D 3359; TEST A (X-CUT) STANDARD TEST METHOD FOR MEASURING ADHESION BY TAPE TEST A MINIMUM ADHESION RATING OF 4A IS REQUIRED ON A 0 TO 5 SCALE, WITHOUT BLASTING.	GALVANIZED STEEL MEMBERS	MIKE BRANCH 818.877.9374 mike.branch@tnemec.com
PT-02	EXTERIOR PAINT	SHERWIN WILLIAMS		COLOR: MATCH TO TNEMEC COATING COLOR	MISCELLANEOUS PAINT TOUCH-UPS		
PT-03	EXTERIOR PAINT	SHERWIN WILLIAMS		COLOR: TO MATCH EXISTING CONCESSION BUILDING COLOR	MISCELLANEOUS PAINT TOUCH-UPS		
PT-04	EXTERIOR PAINT	SHERWIN WILLIAMS		COLOR: SW 7688 SUNDEW		END CAP WALLS	

NO.	DATE	REVISION	DESCRIPTION	SHT. NO.	APPROVED

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SCHEDULES

PROJECT NO. 26-P-07

DRAWING NO.:

A801

SHEET NO. 21 OF 43

FILE NO. 61/51

Plot Date: 9/8/2026 1:00:28 PM

GENERAL NOTES

GENERAL

1. PERFORM CONSTRUCTION AND WORKMANSHIP IN COMPLIANCE WITH CONTRACT DOCUMENTS AND 2018 INTERNATIONAL BUILDING CODE (IBC), AS AMENDED BY THE CITY AND COUNTY OF HONOLULU. BUILDING RISK CATEGORY IS II.

2. DESIGN CRITERIA:

   WIND DESIGN DATA:
   - BASIC WIND SPEED (VULT) = 130 MPH
   - VEFF-ASD = 101 MPH
   - RISK CATEGORY: II
   - WIND EXPOSURE CATEGORY = C
   - WIND EXPOSURE CLASSIFICATION = OPEN
   - GCPI = 0.00
   - KD = 0.75
   - KZT = 1.20

   EARTHQUAKE DESIGN DATA
   - RISK CATEGORY: II
   - SEISMIC IMPORTANCE FACTOR = 1.0
   - MAPPED SPECTRAL ACCELERATION
     - SS = 0.579G
     - S1 = 0.170G
   - SITE CLASS = D
   - SPECTRAL RESPONSE COEFFICIENTS
     - S_DS = 0.516G
     - S_D1 = 0.256G
   - SEISMIC DESIGN CATEGORY = C

3. STRUCTURAL DRAWINGS, AS PART OF CONTRACT DOCUMENTS, INDICATE INFORMATION SUFFICIENT TO CONVEY DESIGN INTENT. IF ERRORS, INCONSISTENCIES OR OMISSIONS ARE DISCOVERED, PROMPTLY NOTIFY ARCHITECT (STRUCTURAL ENGINEER) BEFORE PROCEEDING WITH WORK.

4. EXISTING STRUCTURAL DRAWINGS FOR THE KUHIO BEACH PARK EXPANSION / KALAKAUA PROMENADE PROJECT, PREPARED BY NAGAMINE ENGINEERS, INC., DATED JULY 27, 1999, INCLUDING ALL ADDENDA AND REVISIONS, ARE A BASIS FOR THE DEVELOPMENT AND DOCUMENTATION OF THE EXISTING AS-BUILT CONDITIONS SHOWN ON THE CONTRACT DOCUMENTS.

5. WHEN PERFORMING WORK, INCLUDING SHOP DRAWING DEVELOPMENT, CONSIDER REQUIREMENTS OF CONTRACT DOCUMENTS IN THEIR ENTIRETY (E.G., SIZE AND LOCATION OF OPENINGS, PENETRATIONS AND EMBEDMENT FOR DUCTS PIPING, VENTS, CONDUITS, ETC.).

6. DETAILS AND SCHEDULES INDICATED AS "TYPICAL" MAY NOT BE SPECIFICALLY REFERENCED ON DRAWINGS. DETERMINE WHERE EACH TYPICAL DETAIL OR SCHEDULE APPLIES BEFORE PROCEEDING WITH WORK. IF CONDITIONS ARE FOUND WHICH ARE NOT SPECIFICALLY DETAILED AND NO TYPICAL DETAIL OR SCHEDULE APPLIES, PROMPTLY NOTIFY ARCHITECT (STRUCTURAL ENGINEER).

7. CONDITIONS SHOWN AS EXISTING ARE BASED ON INFORMATION PROVIDED TO STRUCTURAL ENGINEER WHEN DRAWINGS WERE PREPARED. NO WARRANTY IS IMPLIED AS TO ACCURACY OF THESE EXISTING CONDITIONS.

8. VERIFY FIELD MEASUREMENTS AND CONDITIONS WITH CONTRACT DOCUMENTS. IF ERRORS, INCONSISTENCIES OR OMISSIONS ARE DISCOVERED, PROMPTLY NOTIFY ARCHITECT (STRUCTURAL ENGINEER) BEFORE PROCEEDING WITH WORK.

9. CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE SHOWN, THEY DO NOT INDICATE METHOD OF CONSTRUCTION. PROVIDE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AS REQUIRED. PROVIDE ADEQUATE EXCAVATION PROCEDURES, SHORING, BRACING AND ERECTION PROCEDURES COMPLYING WITH NATIONAL, STATE AND LOCAL SAFETY ORDINANCES. NO ALLOWANCE HAS BEEN MADE FOR CONSTRUCTION EQUIPMENT, CRANES, HOISTS AND SIMILAR ITEMS TO BE SUPPORTED OFF THE STRUCTURE.

10. OBSERVATION VISITS TO SITE BY FIELD REPRESENTATIVES OF ARCHITECT (STRUCTURAL ENGINEER) DO NOT INCLUDE REVIEW OF CONSTRUCTION MEANS AND METHODS AND ARE NOT SPECIAL AND CONTINUOUS INSPECTIONS. OBSERVATIONS ARE SOLELY FOR THE PURPOSE OF DETERMINING IF CONTRACTOR UNDERSTANDS DESIGN INTENT CONVEYED IN CONTRACT DOCUMENTS. OBSERVATIONS DO NOT GUARANTEE CONTRACTOR'S PERFORMANCE AND ARE NOT TO BE CONSTRUED AS SUPERVISION OR INSPECTION OF CONSTRUCTION.

11. MODIFICATIONS OR SUBSTITUTIONS MAY BE CONSIDERED PROVIDED A WRITTEN REQUEST, SUBJECT TO REVIEW, IS SUBMITTED TO ARCHITECT (STRUCTURAL ENGINEER) PRIOR TO ITS USE, INSTALLATION IN THE FIELD, OR INCLUSION ON ANY SHOP DRAWING. COSTS ASSOCIATED WITH REVIEW, APPROVAL AND INSTALLATION SHALL BE BORNE BY CONTRACTOR.

12. SHOP DRAWING SUBMITTALS:
   - A. CONTRACTOR SHALL REVIEW FOR COMPLETENESS AND COMPLIANCE WITH CONTRACT DOCUMENTS AND STAMP SHOP DRAWINGS DOCUMENTING THIS REVIEW PRIOR TO SUBMISSION.
   - B. SUBMIT SHOP DRAWINGS TO ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW. DO NOT COMMENCE FABRICATION UNTIL REVIEW PROCESS IS COMPLETED.
   - C. WHEN AN ENGINEER IS REQUIRED TO SIGN AND STAMP SHOP DRAWINGS AND CALCULATIONS, THE SEAL SHALL INDICATE THAT THE ENGINEER IS REGISTERED WHERE PROJECT OCCURS.
   - D. SHOP DRAWINGS ARE NOT A PART OF CONTRACT DOCUMENTS, AND REVIEW IS FOR GENERAL CONFORMANCE WITH DESIGN INTENT ONLY. ARCHITECT'S (STRUCTURAL ENGINEER'S) REVIEW DOES NOT CONSTITUTE AN AUTHORIZATION TO DEVIATE FROM THE CONTRACT OR THE BUILDING CODE.
   - E. SHOP DRAWINGS WILL BE REJECTED FOR INCOMPLETENESS, LACK OF COORDINATION WITH OTHER PORTIONS OF CONTRACT DOCUMENTS, LACK OF CALCULATIONS (IF REQUIRED), OR WHERE MODIFICATIONS OR SUBSTITUTION ARE INDICATED WITHOUT PRIOR REVIEW.
   - F. SUBMIT SHOP DRAWINGS AND CALCULATIONS TO GOVERNING CODE AUTHORITY WHEN SPECIFICALLY INDICATED OR REQUESTED.
   - G. MAINTAIN A COPY OF ALL SHOP DRAWINGS ACCEPTED BY ARCHITECT (STRUCTURAL ENGINEER) AT SITE DURING CONSTRUCTION PERIOD.
   - H. STRUCTURAL ENGINEER REQUIRES 10 WORKING DAYS AFTER RECEIPT OF SHOP DRAWINGS AND CALCULATIONS FOR PROCESSING.

13. THE DWG FILES AND/OR BIM (BUILDING INFORMATION MODEL) ARE THE PROPERTY OF THE STRUCTURAL ENGINEER AND WILL NOT BE RELEASED TO THE CONTRACTOR OR SUBCONTRACTOR FOR THEIR USE.

14. ALL ABBREVIATIONS OF REFERENCED STANDARDS ARE PER IBC CHAPTER 35.

FOUNDATIONS

1. FOUNDATION DESIGN IS BASED ON A BEARING CAPACITY OF 1,500 PSF WITH A 33% INCREASE FOR SEISMIC OR WIND LOADING.

2. DESIGN LATERAL BEARING PRESSURE IS 150 PSF/FT WITH A 33% INCREASE FOR SEISMIC OR WIND LOADING AND A 200% INCREASE FOR ISOLATED POLE TYPE FOOTINGS.

3. DESIGN COEFFICIENT OF FRICTION IS 0.2 WITH A 33% INCREASE FOR SEISMIC OR WIND LOADING.

4. FOUND FOOTINGS A MINIMUM OF 12 INCHES BELOW ADJACENT GRADE OR FINISH FLOOR, WHICHEVER IS LOWER.

5. FOUND FOOTINGS AND BUILDING SLAB-ON-GRADE ON COMPACTED FILL PER IBC 1804.6 OR UNDISTURBED NATURAL GRADE AS LISTED IN IBC TABLE 1806.2.

6. FOUNDATION EXCAVATIONS ARE TO BE OBSERVED BY AND ACCEPTABLE TO A BUILDING OFFICIAL OR HIS REPRESENTATIVE PRIOR TO PLACEMENT OF FILL, REINFORCING STEEL, OR CONCRETE.

7. PERFORM FILLING, BACKFILLING, COMPACTION, ETC., COMPLYING WITH IBC 1804.

REINFORCING STEEL

1. PROVIDE DUPLEX STAINLESS STEEL REINFORCING UNS 32304 COMFORMING TO ASTM A955, GRADE 60, ASTM A276 AND ASTM A959.

2. PROVIDE SMOOTH WELDED WIRE FABRIC COMPLYING WITH ASTM A185. LAP FABRIC 1-1/2 SPACES (12" MINIMUM). PROVIDE DEFORMED WIRE STIRRUPS, SIZE D4 AND LARGER ONLY, COMPLYING WITH ASTM A1064.

3. SPLICE REINFORCING STEEL WHERE INDICATED. IF SPLICE LOCATIONS ARE NOT SPECIFICALLY SHOWN OR INDICATED, VERIFY SPLICE LOCATIONS WITH ARCHITECT (STRUCTURAL ENGINEER) PRIOR TO DEVELOPING REINFORCING STEEL SHOP DRAWINGS.

4. LAP REINFORCING STEEL AT SPLICES TO LENGTHS INDICATED.

5. MINIMUM CLEAR DISTANCES BETWEEN REINFORCING STEEL, INCLUDING SPLICED REINFORCING STEEL, SHALL BE 1" OR 1 BAR DIAMETER, WHICHEVER IS GREATER.

6. MINIMUM CONCRETE COVERAGE: MAINTAIN THE FOLLOWING MINIMUM CLEAR DISTANCES BETWEEN REINFORCING STEEL AND FACE OF CONCRETE UNLESS NOTED OTHERWISE:

	(CENTER OF SLAB)
SLABS ON GRADE	
CONCRETE BELOW GRADE, FORMED	2"
CONCRETE BELOW GRADE, UNFORMED	3"
WALLS ABOVE GRADE, EXPOSED TO WEATHER	2"

7. CHAIRS OR SPACERS FOR REINFORCING SHALL BE PLASTIC OR PLASTIC COATED WHEN RESTING ON EXPOSED SURFACES.

8. PROVIDE DOWELS FOR WALLS MATCHING VERTICAL REINFORCING SIZE AND SPACING, UNLESS NOTED OTHERWISE.

9. BEND REINFORCING STEEL COLD UNLESS OTHERWISE ACCEPTED BY ARCHITECT (STRUCTURAL ENGINEER). PROVIDE SPECIAL INSPECTION OF ALL COLD BENT REINFORCING.

10. SECURELY TIE ANCHOR BOLTS, REINFORCING STEEL, INSERTS, ETC., IN PLACE PRIOR TO POURING CONCRETE OR GROUT.

11. SUBMIT REINFORCING STEEL SHOP DRAWINGS INDICATING REINFORCING PLACEMENT, INCLUDING SPLICE LOCATIONS AND LENGTHS, TO ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW AND ACCEPTANCE. PROMPTLY NOTIFY ARCHITECT (STRUCTURAL ENGINEER) PRIOR TO DEVELOPING REINFORCING STEEL SHOP DRAWINGS IF INSUFFICIENT CLEAR DISTANCES BETWEEN REINFORCING STEEL OR OTHER CONGESTION IS ENCOUNTERED. PREPARE SHOP DRAWINGS IN COMPLIANCE WITH ACI 315, PART B.

CAST-IN-PLACE CONCRETE

1. ALL CONCRETE WORK TO CONFORM TO IBC CHAPTER 19.

2. PROVIDE NORMAL WEIGHT AGGREGATES OF NATURAL SAND AND ROCK COMPLYING WITH ASTM C33.

3. PROVIDE PORTLAND CEMENT CONFORMING TO ASTM C150, TYPE II.

4. PROVIDE NORMAL WEIGHT CONCRETE (145 PCF) ATTAINING A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE.

5. CONCRETE EXPOSED TO EARTH OR WEATHER SHALL HAVE A MAXIMUM WATER/CEMENT RATIO OF 0.50.

6. SUBMIT CONCRETE DESIGN MIX DATA FOR EACH TYPE AND COMPRESSIVE STRENGTH OF CONCRETE REQUIRED TO ARCHITECT (STRUCTURAL ENGINEER). CONCRETE DESIGN MIX SHALL BE PER ACI 318, SECTION 26.4.3.

7. SLUMP NOT TO EXCEED 4 (+/- 1) INCHES.

8. DO NOT USE CONCRETE OR GROUT CONTAINING CHLORIDES.

9. FORM EXPOSED CORNERS OF COLUMNS, BEAMS, WALLS, ETC., WITH 3/4 INCH CHAMFERS UNLESS DETAILED OTHERWISE.

10. ROUGHEN EXISTING CONCRETE SURFACE TO A FULL AMPLITUDE OF 1/16 INCH WHERE EXISTING CONCRETE ABUTS NEW CONCRETE.

11. PERFORM CONCRETE WORK IN COMPLIANCE WITH ACI 301.

12. MAINTAIN CONCRETE ABOVE 50 DEGREES FAHRENHEIT AND IN A MOIST CONDITION FOR A MINIMUM OF 7 DAYS AFTER PLACEMENT UNLESS OTHERWISE ACCEPTED BY ARCHITECT (STRUCTURAL ENGINEER).

POST-INSTALLED ANCHORS AND DOWELS

1. ALL ADHESIVE ANCHORS AND DOWELS SHALL USE SIMPSON SET-3G EPOXY BY SIMPSON STRONG-TIE COMPANY, INC., PER ICC-ES REPORT NO. 4057 OR APPROVED EQUAL, UNLESS NOTED OTHERWISE ON DRAWINGS.

2. ALL EXPANSION ANCHORS SHALL BE SIMPSON STRONG-BOLT 2 ANCHORS BY SIMPSON STRONG-TIE COMPANY, INC., PER ICC-ES REPORT NO. 3037 OR APPROVED EQUAL, UNLESS NOTED OTHERWISE ON DRAWINGS.

3. ALL SCREW ANCHORS SHALL BE SIMPSON TITEN HD ANCHORS BY SIMPSON STRONG-TIE COMPANY, INC., PER ICC-ES REPORT NO. 2713 OR APPROVED EQUAL, UNLESS NOTED OTHERWISE ON DRAWINGS.

4. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

5. ONLY NON-REBAR-CUTTING DRILL BITS SHALL BE USED TO DRILL HOLES IN EXISTING CONCRETE. CARE IS TO BE TAKEN WHEN DRILLING HOLES SO AS NOT TO CUT ANY EXISTING REINFORCING. LOCATE EXISTING REINFORCING BY CHIPPING, PACHOMETER, OR X-RAY METHODS PRIOR TO DRILLING.

6. DRILL HOLES SHALL BE CLEANED OF CONCRETE DUST AND DEBRIS USING EITHER A NYLON BRUSH AND A VACUUM, OR A NYLON BRUSH AND OIL-FREE COMPRESSED AIR WHERE REQUIRED BY MANUFACTURER. A BLOW-OUT BULB MAY BE USED IF A VACUUM OR COMPRESSED AIR IS NOT AVAILABLE.

7. SPECIAL INSPECTION SHALL BE PROVIDED PER MANUFACTURER RECOMMENDATIONS WHERE REQUIRED IN CODE REPORT OR AS INDICATED IN QUALITY ASSURANCE SECTION. INSPECTOR TO VERIFY AND DOCUMENT EMBEDMENT LENGTH AND HOLE PREPARATION AND CLEANLINESS. INSPECTOR TO VERIFY CORRECT IMPLEMENTATION OF THE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.

8. POST-INSTALLED ANCHORS AND DOWELS SHALL BE USED ONLY WHERE SPECIFICALLY DETAILED AND SHALL NOT BE SUBSTITUTED FOR CAST-IN-PLACE ANCHORS, INSERTS, OR DOWELS, EXCEPT WHERE INDICATED ON DRAWINGS OR APPROVED BY ARCHITECT (STRUCTURAL ENGINEER).

9. PRIOR TO DRILLING INTO EXISTING CONCRETE, LOCATE EXISTING REBAR AND ADJUST HOLE LOCATIONS TO AVOID DAMAGING EXISTING REINFORCING. WHERE CONFLICTS ARE DETECTED AND CANNOT BE AVOIDED, NOTIFY ARCHITECT (STRUCTURAL ENGINEER) BEFORE PROCEEDING WITH INSTALLATION.

STRUCTURAL STEEL

1. STRUCTURAL STEEL: MATERIAL, FABRICATION, AND ERECTION
   - A. MATERIALS
     1. PROVIDE STRUCTURAL STEEL COMPLYING WITH THE FOLLOWING ASTM STANDARD SPECIFICATIONS, UNLESS NOTED OTHERWISE:
        - ALL STRUCTURAL STEEL UNLESS NOTED BELOW: ASTM A572 GRADE 50 OR ASTM A992
        - PLATES, CHANNELS, ANGLES: ASTM A36
        - PIPES: ASTM A53, GRADE B(35 KSI)
        - HOLLOW STRUCTURAL SECTION: ASTM A500, GRADE C (50 KSI – RECTANGULAR SECTION, 46 KSI – ROUND SECTION)
        - ANCHOR RODS: ASTM F1554, GRADE 36
        - THREADED ROUND STOCK: ASTM A36
        - STEEL SHEAR STUDS: ASTM A108, GRADE 1015-1020, TYPE B PER AWS D1.1
        - REINFORCING STEEL: SEE REINFORCING STEEL SECTION.

        FURNISH READILY IDENTIFIABLE STRUCTURAL STEEL IN COMPLIANCE WITH IBC 2202.
   - B. HIGH STRENGTH BOLTS
     1. PROVIDE HIGH STRENGTH BOLTS, NUTS AND WASHERS COMPLYING WITH ASTM A325 UNLESS NOTED OTHERWISE. ALL HIGH STRENGTH BOLTS SHALL BE BEARING TYPE WITH THREADS INCLUDED IN SHEAR PLANE (A325-N), UNLESS NOTED OTHERWISE.
     2. ASSEMBLE HIGH STRENGTH BOLTS IN COMPLIANCE WITH SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.
     3. TIGHTEN A325-N BOLTS TO A SNUG TIGHT CONDITION.
   - C. FABRICATE AND ERECT STRUCTURAL STEEL IN COMPLIANCE WITH "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS," AISC 360-16 AND IBC CHAPTER 22.
   - D. ALL EXPOSED AND EXTERIOR STEEL SHALL BE HOT DIPPED GALVANIZED, UNLESS NOTED OTHERWISE.
   - E. SUBMIT SHOP DRAWINGS TO ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW AND, UPON REQUEST, TO BUILDING OFFICIAL.

2. WELDING
   - A. BASIC REQUIREMENTS
     1. WELD STRUCTURAL STEEL IN COMPLIANCE WITH ANSI/AWS D1.1 AND AISC SPECIFICATION, CHAPTER J. WELDERS SHALL BE CERTIFIED AS REQUIRED IN THE PLANS AND BY GOVERNING CODE AUTHORITY. WELDING SHALL BE DONE BY ELECTRIC ARC PROCESS USING LOW-HYDROGEN ELECTRODES WHOSE SPECIFIED TENSILE STRENGTH IS NOT LESS THAN 70 KSI UNLESS NOTED OTHERWISE. WELDING MAY BE PERFORMED USING SUBMERGED ARC PROCESS WITH AUTOMATIC WELDING (SAW-1).
     2. UNLESS A LARGER SIZE FILLET WELD IS INDICATED, PROVIDE MINIMUM SIZE OF WELD PER AISC SPECIFICATION, SECTION J2 AND TABLE J2.4.
     3. NO ATTEMPT HAS BEEN MADE TO DIFFERENTIATE BETWEEN SHOP AND FIELD WELDED CONNECTIONS.
   - B. PROJECT WELDING REQUIREMENTS
     1. THE PROJECT WELDING REQUIREMENTS SHALL APPLY TO ALL SHOP AND FIELD WELDS.
     2. THE INSPECTOR SHALL VERIFY COMPLIANCE WITH THE APPROVED PROJECT WELDING REQUIREMENTS. ANY DEVIATION OR LACK OF COMPLIANCE WITH THE APPROVED REQUIREMENTS SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT (ENGINEER) AND CONTRACTOR.
     3. PROJECT WELDING REQUIREMENTS SHALL BE SUBMITTED TO THE ARCHITECT (ENGINEER) FOR REVIEW PRIOR TO THE COMMENCEMENT OF ANY WELDING.
     4. IN ADDITION TO REQUIREMENTS DESCRIBED ELSEWHERE IN THE CONTRACT DOCUMENTS, THE APPROVED PROJECT WELDING REQUIREMENTS SHALL, AT A MINIMUM, CONSIST OF THE FOLLOWING PER AWS D1.1:
        - A. WELDING PROCEDURE SPECIFICATION (WPS) FOR EACH WELD AND POSITION AS REQUIRED BY AWS D1.1
        - B. SUPPLEMENTAL WELDING PROCEDURE
        - C. SHOP DRAWINGS THAT REFERENCE THE APPROPRIATE WPS FOR EACH WELD REQUIRED FOR EACH CONNECTION AND REQUIRED SUPPLEMENTAL WELDING PROCEDURE.
        - D. WELDER PERFORMANCE QUALIFICATIONS
        - E. QUALIFICATION BY TESTING OF ANY WELDING PROCEDURE THAT IS NOT PRE-QUALIFIED PER AWS D1.1.
   - C. INSPECTIONS
     1. INSPECTION: THE FOLLOWING REQUIREMENTS SHALL APPLY TO WELDING INSPECTIONS PERFORMED FOR THE PROJECT.
        - A. THE LEAD WELDING INSPECTOR SHALL BE A CERTIFIED WELDING INSPECTOR (CWI) PER AWS-QC1 STANDARDS, SHALL BE CERTIFIED BY THE BUILDING OFFICIAL AS A REGISTERED DEPUTY INSPECTOR FOR STRUCTURAL STEEL WELDING (ICC-ESCERTIFICATION), AND SHALL POSSESS A MINIMUM LEVEL OF UT LEVEL II CERTIFICATION. OTHER WELDING INSPECTORS PERFORMING VISUAL INSPECTION UNDER THE SUPERVISION OF THE LEAD WELDING INSPECTOR SHALL POSSESS ICC-ES CERTIFICATION, AND PERSONS PERFORMING NONDESTRUCTIVE TESTING SHALL POSSESS UT LEVEL II CERTIFICATION. NOT MORE THAN FOUR NON-CWI INSPECTORS SHALL BE UNDER THE SUPERVISION OF A CWI.
        - B. ALL INSPECTION REQUIREMENTS SHALL BE REQUIRED BY AWS D1.1 AND THE QUALITY ASSURANCE SECTION INCLUDING INSPECTION TABLES.

NO.	DESCRIPTION	DATE:	REVISION	SHT. NO.	APPROVED
				S0	
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				S0	
				S0	

KIMBERLY M.Y. HALL
LICENSED PROFESSIONAL ENGINEER
No. 16288-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

KIMBERLY M.Y. HALL
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: HC
CHECKED BY: HC
DRAWN BY: RD
DATE: 08/09/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

GENERAL NOTES

PROJECT NO. 26-P-07

DRAWING NO.:
S001

SHEET NO. 22 OF 43

FILE NO. 61/51

Plot Date: 9/8/2026 11:01:24 AM

GENERAL NOTES

QUALITY ASSURANCE

1. TESTING LABORATORY SHALL SUBMIT REPORTS INDICATING RESULTS AND OBSERVATIONS OF TESTS AND INSPECTIONS AND STATING COMPLIANCE OR NONCOMPLIANCE WITH CONTRACT DOCUMENTS TO ARCHITECT (STRUCTURAL ENGINEER) AND TO GOVERNING CODE AUTHORITY. CONTRACTOR SHALL REIMBURSE OWNER FOR COSTS RELATED TO TESTS AND INSPECTIONS OF UNIDENTIFIABLE MATERIALS OR MATERIALS FURNISHED WITHOUT CERTIFIED LABORATORY TEST REPORTS, MATERIALS FOUND DEFICIENT AFTER INITIAL TESTS AND INSPECTIONS, OR MATERIALS REPLACING DEFICIENT MATERIALS. SEE SPECIFICATIONS FOR ADDITIONAL TEST AND INSPECTION REQUIREMENTS.

2. PROVIDE CEMENT, AGGREGATES, REINFORCING STEEL, STRUCTURAL STEEL, HIGH-STRENGTH BOLTS, ETC., FROM IDENTIFIABLE TESTED STOCK. SUBMIT CERTIFIED LABORATORY TEST REPORTS TO ARCHITECT (STRUCTURAL ENGINEER) AND TO GOVERNING CODE AUTHORITY. IF MATERIALS CANNOT BE IDENTIFIED OR IF CERTIFIED LABORATORY TEST REPORTS CANNOT BE MADE AVAILABLE, TESTING LABORATORY WILL PERFORM TESTS TO DETERMINE CONFORMANCE WITH CONTRACT DOCUMENTS AS DIRECTED BY ARCHITECT (STRUCTURAL ENGINEER).

3. TESTING LABORATORY SHALL PROVIDE SPECIAL INSPECTION, COMPLYING WITH IBC SECTION 1704 (UNLESS OTHERWISE NOTED), FOR THE FOLLOWING:

   A. CONCRETE AND REINFORCING STEEL WHERE SPECIFIED CONCRETE COMPRESSIVE STRENGTH IS GREATER THAN 2500 PSI.
   B. STRUCTURAL STEEL.
   C. BOLTS INSTALLED IN CONCRETE.
   D. FIELD WELDING INCLUDING SHEAR STUDS.
   E. HIGH-STRENGTH BOLTS.

Project: WAIKIKI SURF RACKS
Location: Honolulu, HI

ITEM	TESTING, INSPECTION & VERIFICATION TASKS	FREQUENCY	
		CONTINUOUS	PERIODIC
	STRUCTURAL STEEL INSPECTIONS & VERIFICATION (TABLE 1705A.2.1)		
1.	Material verification of high-strength bolts, nuts and washers:		
	a. Identification markings to conform to ASTM standards specified in the approved construction documents. (AISC 360 A3.3 and applicable ASTM Material Standards.)		X
	b. Manufacturer's certificate of compliance required.		X
2.	Inspection of high-strength bolting:		
	a. Snug-tight joints. (AISC 360 M2.5)		X
3.	Material verification of structural steel and cold-formed steel deck:		
	a. For structural steel, identification markings to conform to AISC 360. (AISC 360, A3.1)		X
	b. For other steel, identification markings to conform to ASTM standards specified in the approved construction documents. (Applicable ASTM material standards)		X
	c. Manufacturers' certified test reports.		X
4.	Material verification of weld filler materials:		
	a. Identification markings to conform to AWS specification in the approved construction documents. (ANSI/AISC 360 A3.5 and applicable AWS A5 documents)		X
	b. Manufacturer's certificate of compliance required.		X
5.	Inspection of welding:		
	a. Structural steel and cold-formed steel deck:		
	1) Complete and partial penetration groove welds. (AWS D1.1, AWS D1.8)	X	
	2) Multi-pass fillet welds. (AWS D1.1, AWS D1.8)	X	
	3) Single-pass fillet welds > 5/16" (AWS D1.1, AWS D1.8)	X	
	4) Plug and slot welds. (AWS D1.1, AWS D1.8)	X	
	5) Single-pass fillet welds ≤ 5/16" (AWS D1.1, AWS D1.8)		X
	CONCRETE INSPECTIONS & VERIFICATION (TABLE 1705.3)		
1.	Inspect reinforcement, including prestressing tendons, and verify placement. (ACI 318: Ch. 20, 25.2, 25.3, 26.5.1-26.5.3)		X
2.	Inspect anchors cast in concrete. (ACI 318: 17.8.2)		X
3.	Inspect anchors post-installed in hardened concrete members. (ACI 318: 17.8.2.4)		
	a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads. (ACI 318: 17.8.2.4)	X	
	b. Mechanical anchors and adhesive anchors not defined in 4.a. (ACI 318: 17.8.2)		X
4.	Verify use of required design mix. (ACI 318: Ch. 19, 26.4.3, 26.4.4) (IBC 1904.1, 1908.2, 1908.3)		X
5.	Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete. (ASTM C172, ASTM C31, ACI 318: 26.4.5, 26.12) (IBC 1908.10)	X	
6.	Inspect concrete and shotcrete placement for proper application techniques. (ACI 318: 26.4.5, 26.12) (IBC 1908.6-1908.8)	X	
7.	Verify maintenance of specified curing temperature and techniques. (ACI 318: 26.4.7-26.4.9) (IBC 1908.9)		X
8.	Inspect formwork for shape, location and dimensions of the concrete member being formed. (ACI 318: 26.10.1b)		X

X DENOTES EITHER CONTINUOUS OR PERIODIC INSPECTIONS.
— DENOTES AN ACTIVITY THAT IS EITHER A ONE-TIME ACTIVITY OR ONE WHERE THE FREQUENCY IS DEFINED IN SOME OTHER MANNER.

NOTES:
1. ADDITIONAL DETAIL REGARDING INSPECTIONS AND TESTS ARE PROVIDED IN THE PROJECT SPECIFICATIONS AND/OR NOTES ON THE DRAWINGS.

2. REFER TO DESIGN BUILD DRAWINGS FOR DESIGN AND PROJECT SPECIFIC INSPECTION REQUIREMENTS.

REVISION	DATE:	DESCRIPTION	SHT. NO	APPROVED
			0F	
			0F	
			0F	
			0F	
			0F	

KIMBERLY M.Y. HALL
LICENSED PROFESSIONAL ENGINEER
No.16288-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE OVERSEEN BY MY OBSERVATION.

KIMBERLY M.Y. HALL
LICENSE EXPIRES APRIL 30, 2028
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: HC
CHECKED BY: HC
DRAWN BY: RD
DATE: 09/09/26
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

GENERAL NOTES

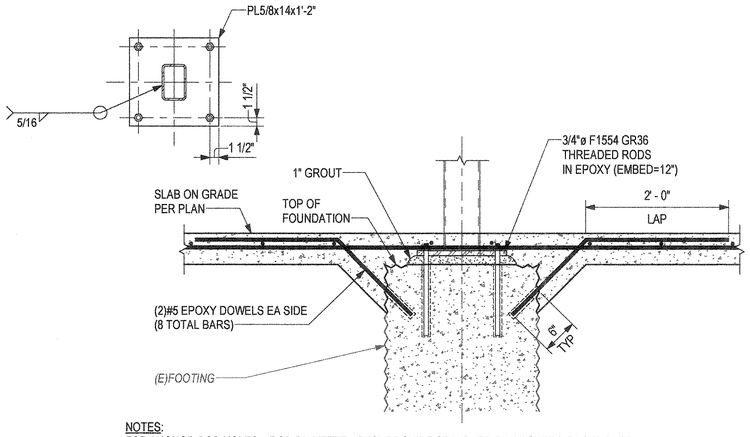
PROJECT NO. 26-P-07

DRAWING NO.:

S002

SHEET NO.	FILE NO.
23 OF 43	61/51

Plot Date: 9/8/2026 11:01:29 AM

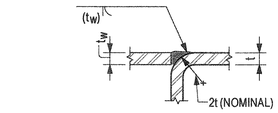


NOTES:
FOR ANCHOR ROD HOLES > ROD DIAMETER +5/16", PROVIDE STANDARD PL WASHERS (PL1/4"x3"x3").

TYPICAL HSS COLUMN BASE PLATE DETAIL 4

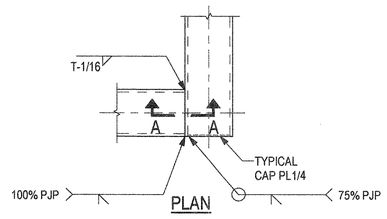
NTS

HS203



NOTE:
ALL WELDS SHALL BE FLARE-BEVEL AND (t_w) SHALL BE 1/16" LESS THAN THE THINNEST PART JOINED.

SECTION A-A



PLAN

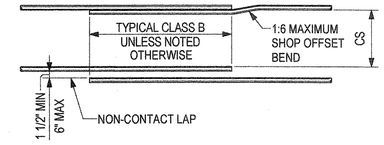
TYPICAL HSS TO BEAM CONNECTION DETAIL 3

NTS

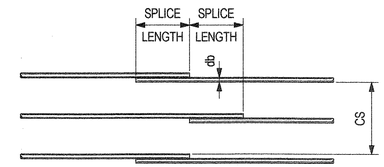
HS351

REINFORCING SPLICE NOTES

1. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BARS.
2. BOTTOM BARS ARE HORIZONTAL BARS WITH LESS THAN 12" OF CONCRETE CAST BELOW THE BARS.
3. CLASS "A" SPLICE IS A CLASS "B" SPLICE MULTIPLIED BY 0.77.
4. WHEN BARS OF DIFFERENT SIZE ARE LAP SPLICED, SPLICE LENGTH SHALL BE THE GREATER OF DEVELOPMENT LENGTH OF THE LARGER BAR AND "CLASS B" OF THE SMALLER BAR.
5. FOR 2 BAR BUNDLE MULTIPLY THE LENGTHS IN THE SCHEDULE BY 1.20.
   FOR 3 BAR BUNDLE MULTIPLY THE LENGTHS IN THE SCHEDULE BY 1.33.
6. FOR BUNDLED BARS, AN EFFECTIVE BAR DIAMETER SHALL BE USED FOR DETERMINING COVER AND SPACING LIMITATIONS.
   A. FOR 2 BAR BUNDLE dbe= 1.60 $\sqrt{(\text{BAR AREA})}$
   B. FOR 3 BAR BUNDLE dbe= 1.95 $\sqrt{(\text{BAR AREA})}$

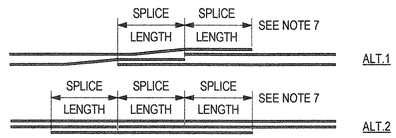


TYPICAL LAP SPLICES

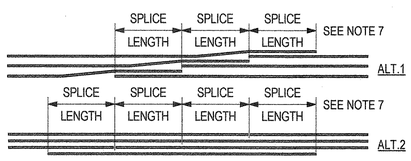


CS=CLEAR SPACING

STAGGERED SPLICING



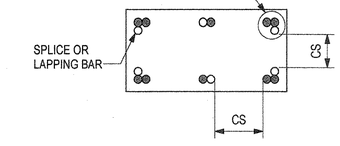
2 BAR BUNDLE SPLICE DETAILS



3 BAR BUNDLE SPLICE DETAILS

BUNDLE LAP SPLICES

3 BAR BUNDLE WITH(dbe) DERIVED FROM THE EQUIVALENT TOTAL AREA OF 2 BARS DETERMINING APPROPRIATE CATEGORY



BAR SPACING

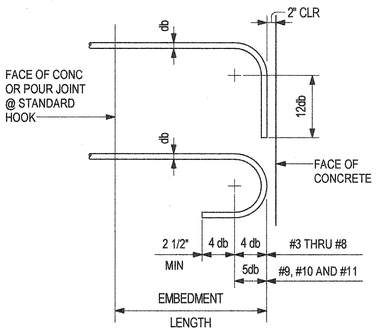
NOTE: BARS SHALL BE BUNDLED WITH NO MORE THAN TWO BARS IN THE SAME PLANE (⁂, ⁂, ⁂).

BAR			AREA (sq.in.)	0.11		0.20		0.31		0.44		0.60		0.79		1.00		1.27		1.56	
			DIAMETER db	0.375		0.500		0.625		0.750		0.875		1.000		1.128		1.270		1.410	
LAP CLASS	CATEGORY	DESCRIPTION	NORMAL WEIGHT CONCRETE f'c PSI	#3		#4		#5		#6		#7		#8		#9		#10		#11	
				TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT
CLASS B	1	COVER ≥2db AND CLEAR SPACING ≥4db	3000	21	16	23	18	28	22	34	26	49	38	56	43	63	49	71	55	79	61
			4000	21	16	21	16	25	19	29	23	43	33	49	37	55	42	62	47	68	53
			5000	21	16	21	16	22	17	26	20	38	29	44	34	49	38	55	43	61	47
			6000	21	16	21	16	21	16	24	19	35	27	40	31	45	34	50	39	56	43
	2	ALL OTHERS	3000	28	22	38	29	47	36	56	43	81	63	93	72	105	81	118	91	131	101
			4000	25	19	33	25	41	31	49	37	71	54	81	62	91	70	102	79	114	87
			5000	22	17	29	23	36	28	44	34	63	49	72	56	81	63	92	71	102	78
			6000	21	16	27	21	33	26	40	31	58	45	66	51	74	57	84	64	93	71
	3	COVER <db OR CLEAR SPACING <2db	3000					70	54	84	64	122	94	139	107	157	121	177	136	196	151
			4000					61	47	73	56	106	81	121	93	136	105	153	118	170	131
			5000					54	42	65	50	95	73	108	83	121	94	137	105	152	117
			6000					50	38	59	46	86	67	99	76	111	85	125	96	139	107

TYPICAL REINFORCING GRADE 60 SPLICE SCHEDULE 1

NTS

HC001



NOTES:
1. ALL HOOKED BARS SHALL EXTEND AS FAR AS POSSIBLE TO THE OPPOSITE FACE WITH A MINIMUM 2" END COVER AND EMBEDMENT NOT LESS THAN THE SCHEDULE.
2. MINIMUM SIDE COVER = 2 1/2"
3. FOR WALL FOOTING DOWEL EMBEDMENT LENGTHS SEE "TYPICAL CONCRETE WALL DOWEL EMBEDMENT AND LAP SCHEDULE"

REINFORCING EMBEDMENT NOTES

1. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BARS.
2. BOTTOM BARS ARE HORIZONTAL BARS WITH LESS THAN 12" OF CONCRETE CAST BELOW THE BARS.
3. FOR 3 BAR BUNDLE MULTIPLY THE LENGTHS IN THE SCHEDULE BY 1.20. FOR 4 BAR BUNDLE MULTIPLY THE LENGTHS IN THE SCHEDULE BY 1.33.
4. FOR BUNDLED BARS, AN EFFECTIVE BAR DIAMETER SHALL BE USED FOR DETERMINING COVER AND SPACING LIMITATIONS.
   A. FOR 2 BAR BUNDLE dbe= 1.60 ($\sqrt{(\text{BAR AREA})}$)
   B. FOR 3 BAR BUNDLE dbe= 1.95 ($\sqrt{(\text{BAR AREA})}$)
   C. FOR 4 BAR BUNDLE dbe= 2.26 ($\sqrt{(\text{BAR AREA})}$)

STANDARD HOOK DETAILS

BAR			AREA (sq.in.)	0.11		0.20		0.31		0.44		0.60		0.79		1.00		1.27		1.56	
			DIAMETER db	0.375		0.500		0.625		0.750		0.875		1.000		1.128		1.270		1.410	
DEVELOPMENT TYPE	CATEGORY	DESCRIPTION	NORMAL WEIGHT CONCRETE f'c PSI	#3		#4		#5		#6		#7		#8		#9		#10		#11	
				TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT	TOP	BOT/ VERT
STRAIGHT TENSION EMBEDMENT (CLASS A)	1	COVER ≥2db AND CLEAR SPACING ≥4db	3000	16	12	18	14	22	17	26	20	38	29	43	33	49	37	55	42	61	47
			4000	16	12	16	12	19	15	23	18	33	25	37	29	42	33	47	37	53	41
			5000	16	12	16	12	17	13	20	16	29	23	34	26	38	29	43	33	47	36
			6000	16	12	16	12	16	12	19	14	27	21	31	24	34	27	39	30	43	33
	2	ALL OTHERS	3000	22	17	29	22	36	28	43	33	63	48	72	55	81	62	91	70	101	78
			4000	19	15	25	19	31	24	37	29	54	42	62	48	70	54	79	61	87	67
			5000	17	13	23	17	28	22	34	26	49	38	56	43	63	48	71	54	78	60
			6000	16	12	21	16	26	20	31	24	45	34	51	39	57	44	64	50	71	55
	3	COVER <db OR CLEAR SPACING <2db	3000					54	42	65	50	94	72	107	83	121	93	136	105	151	116
			4000					47	36	56	43	81	63	93	72	105	81	118	91	131	101
			5000					42	32	50	39	73	56	83	64	94	72	106	81	117	90
			6000					38	30	46	35	67	51	76	59	85	66	96	74	107	82
HOOK EMBEDMENT	STANDARD	ALL OTHERS	3000	6		8		10		12		14		16		18		20		22	
			4000	6		7		9		10		12		14		16		17		19	
			5000	6		6		8		9		11		12		14		16		17	
			6000	6		6		7		9		10		11		13		14		16	

TYPICAL STRAIGHT AND HOOKED EMBEDMENT LENGTH SCHEDULE 2

NTS

HC002

NO.	REVISION	DATE:	DESCRIPTION	SHT. NO.	APPROVED

KIMBERLY M.Y. HALL
LICENSED PROFESSIONAL ENGINEER
No.16288-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

KIMBERLY M.Y. HALL
LICENSE EXPIRES APRIL 30, 2025
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: HC
DRAWN BY: RD
CHECKED BY: HC
DATE: 09/09/26
ACCEPTED:

Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE., HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

TYPICAL DETAILS

PROJECT NO. 26-P-07

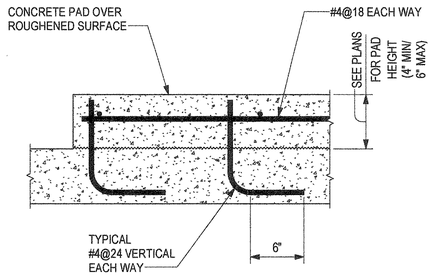
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S003

SHEET NO. 24 OF 43

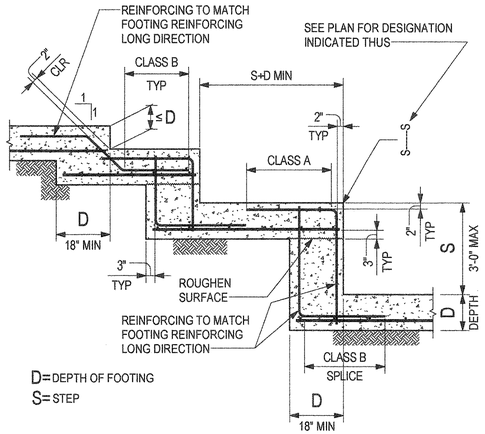
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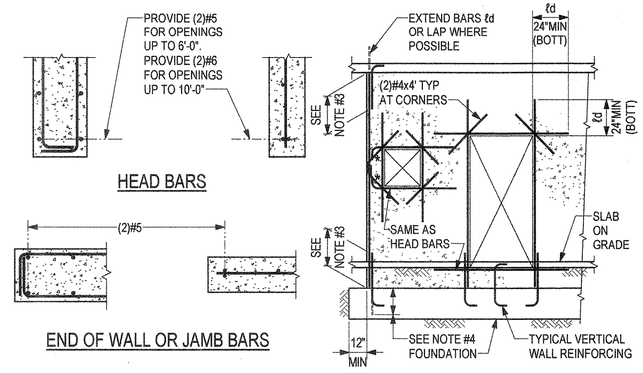
TYPICAL CONCRETE PAD DETAIL 8

HC622 NTS



TYPICAL STEPPED FOOTING DETAIL 6

HC702 NTS

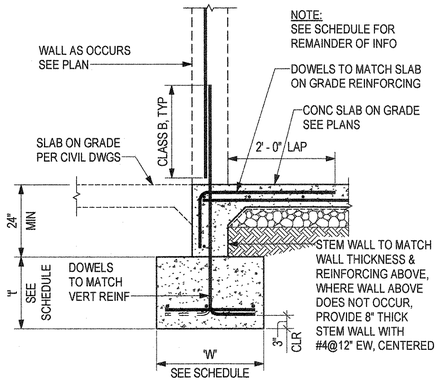


NOTES:

1. * PROVIDE STANDARD HOOKS ON TRIM BARS WHERE STRAIGHT ℓd CAN NOT BE MAINTAINED. SEE TYPICAL TENSION DEVELOPMENT LENGTHS AND STANDARD HOOK DETAILS.
2. SEE TYPICAL CONCRETE WALL REINFORCING AT INTERSECTIONS FOR MINIMUM CONCRETE WALL REINFORCING.
3. FOR LAP LENGTHS USE CLASS B SPLICE AT SHEAR WALLS, AS INDICATED IN THE "TYPICAL REINFORCING GRADE 60 SPLICE SCHEDULE".
4. FOR EMBEDMENT LENGTHS USE TENSION EMBEDMENT AS INDICATED IN THE "TYPICAL STRAIGHT AND HOOKED EMBEDMENT SCHEDULE".
5. WHERE END OF WALL INTERSECTS ADJACENT CONCRETE COLUMN, EXTEND TYPICAL HORIZONTAL WALL REINFORCING INTO COLUMN AND PROVIDE 90 DEGREE STANDARD HOOK WHERE STRAIGHT DEVELOPMENT LENGTH INTO COLUMN CANNOT BE ACHIEVED.

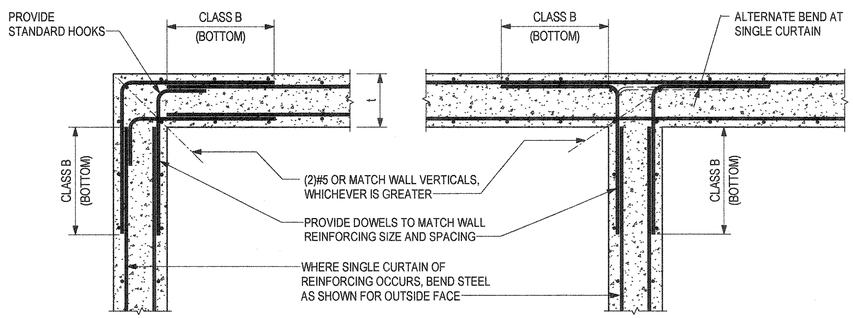
TYPICAL CONCRETE WALL REINFORCING AT OPENINGS 3

HC402 NTS



TYPICAL WALL FOOTING (WF-) DETAIL 2

HC205 NTS

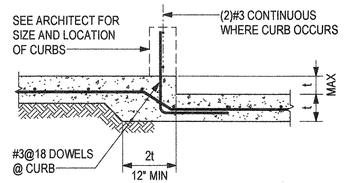


NOTES:

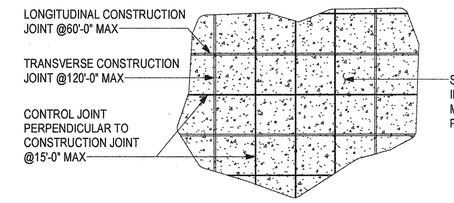
1. PROVIDE THE FOLLOWING MINIMUM REINFORCING IN CONCRETE WALLS THAT ARE EQUAL TO OR LESS THAN THE THICKNESS INDICATED UNLESS NOTED OTHERWISE.
   A. t ≤ 8" CONCRETE WALLS #4 @ 12 EACH WAY, CENTERED IN WALL
   B. 8" < t ≤ 10" CONCRETE WALLS #5 @ 15 EACH WAY, CENTERED IN WALL
   C. 10" < t ≤ 12" CONCRETE WALLS #4 @ 16 EACH WAY EACH FACE
   D. 12" < t ≤ 16" CONCRETE WALLS #4 @ 12 EACH WAY EACH FACE
   E. 16" < t ≤ 18" CONCRETE WALLS #5 @ 16 EACH WAY EACH FACE
2. FOR DOWEL REINFORCING FROM FOUNDATION INTO WALLS, SEE TYPICAL CONCRETE WALL DOWEL EMBEDMENT AND LAP SCHEDULE.

TYPICAL CONCRETE WALL REINFORCING AT INTERSECTION DETAIL 5

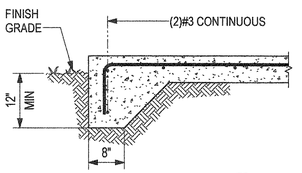
HC401 NTS



CURB AND SLAB DEPRESSION E

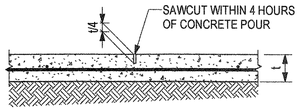


PLAN

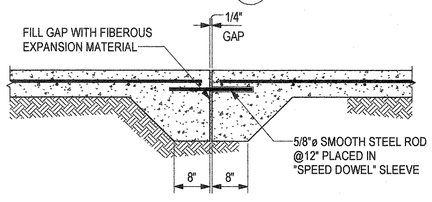


EDGE OF SLAB D

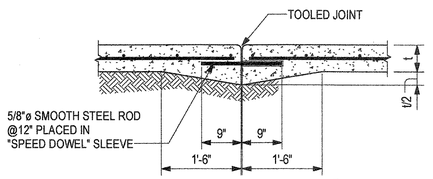
NOTES:
1. FOR SLAB ON GRADE THICKNESS AND REINFORCING SEE PLAN.
2. FOR LOCATION OF EXPANSION JOINTS SEE ARCHITECTURAL.



CONTROL JOINT B



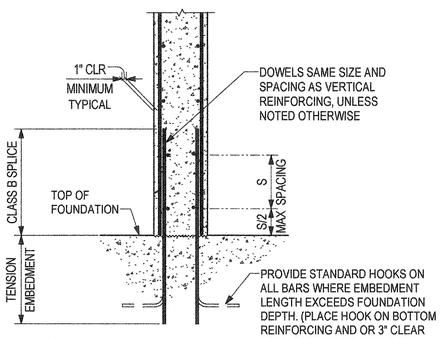
EXPANSION JOINT C



CONSTRUCTION JOINT A

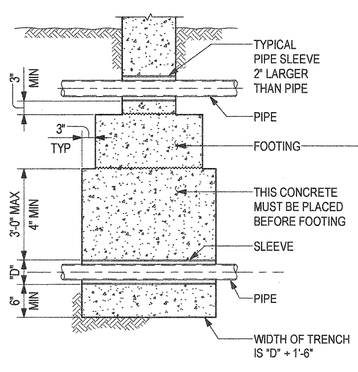
TYPICAL SLAB ON GRADE DETAILS 1

HC101 NTS

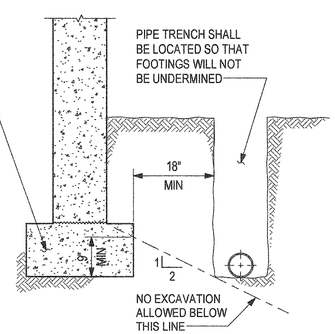


TYPICAL CONCRETE WALL DOWEL EMBEDMENT AND LAP SCHEDULE 7

HC404 NTS



PIPES THRU FOUNDATION



PIPE AND TRENCH AT FOUNDATION

TYPICAL PIPE THRU FOUNDATION DETAILS 4

HC201 NTS

NO.	REVISION	DATE:	SHT. NO.	APPROVED

KIMBERLY M.Y. HALL
LICENSED PROFESSIONAL ENGINEER
No.16288-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

KIMBERLY M.Y. HALL
LICENSE EXPIRES APRIL 30, 2028
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DESIGNED BY: HC
DRAWN BY: RD
CHECKED BY: HC
DATE: 09/09/25
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE., HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

TYPICAL DETAILS

PROJECT NO. 26-P-07

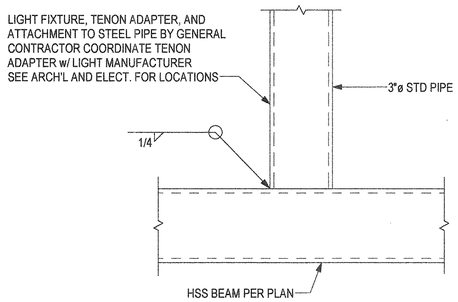
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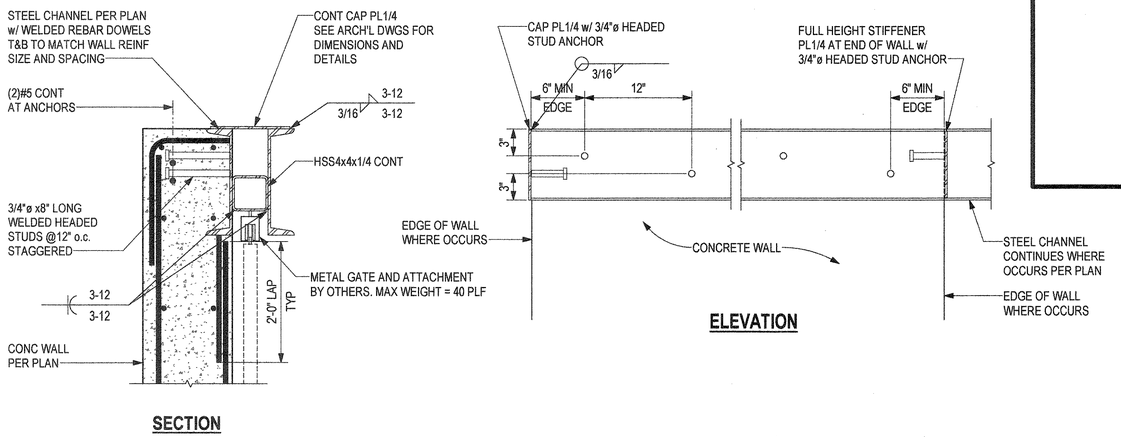
SHEET NO. 25 OF 43

FILE NO. 61/51

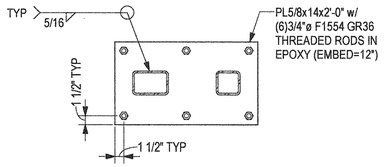
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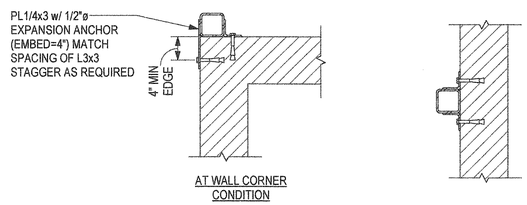


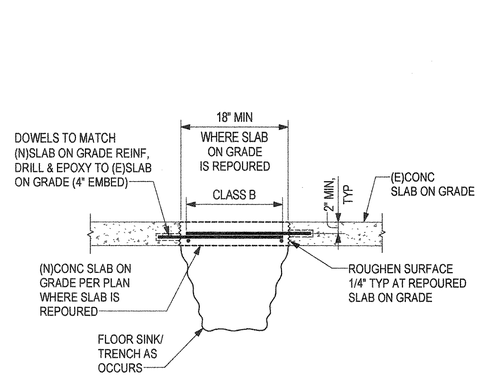
STEEL PIPE SUPPORTING SOLAR LIGHT DETAIL 6
NTS



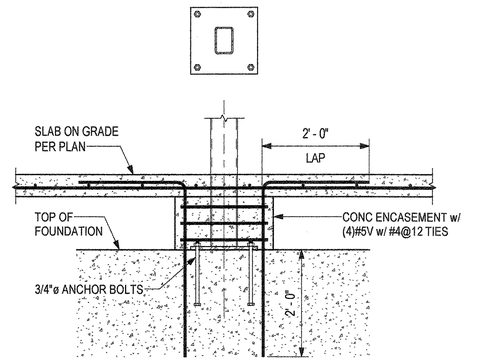
STEEL CHANNEL HEADER ANCHORAGE DETAIL 3
NTS





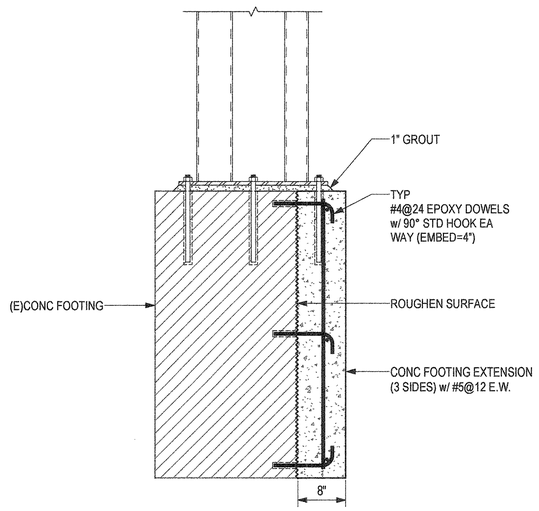


TYPICAL TRENCH IN (E)SLAB ON GRADE DETAIL 4
NTS

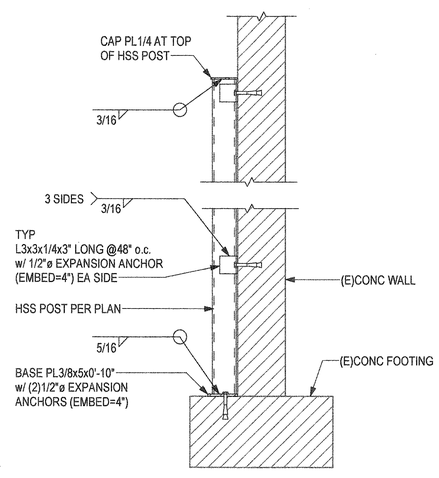


NOTES:
FOR BALANCE OF INFORMATION SEE 4 / S003

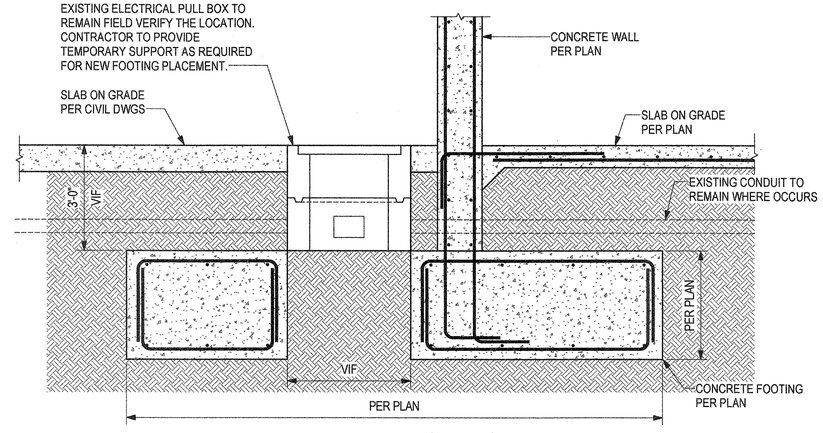
HSS COLUMN BASE DETAIL 2
NTS



POLE FOOTING EXTENSION AT (E)FOOTING 7
NTS



HSS POST CONNECTION AT (E)CONC WALL 5
NTS



SECTION 1
NTS

NO.	DESCRIPTION	DATE:	APPROVED

KIMBERLY M.Y. HALL
LICENSED PROFESSIONAL ENGINEER
No.16288-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WAS DONE BY MY OBSERVATION.

KIMBERLY M.Y. HALL
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: HC
CHECKED BY: HC
DRAWN BY: RD
DATE: 09/09/25
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

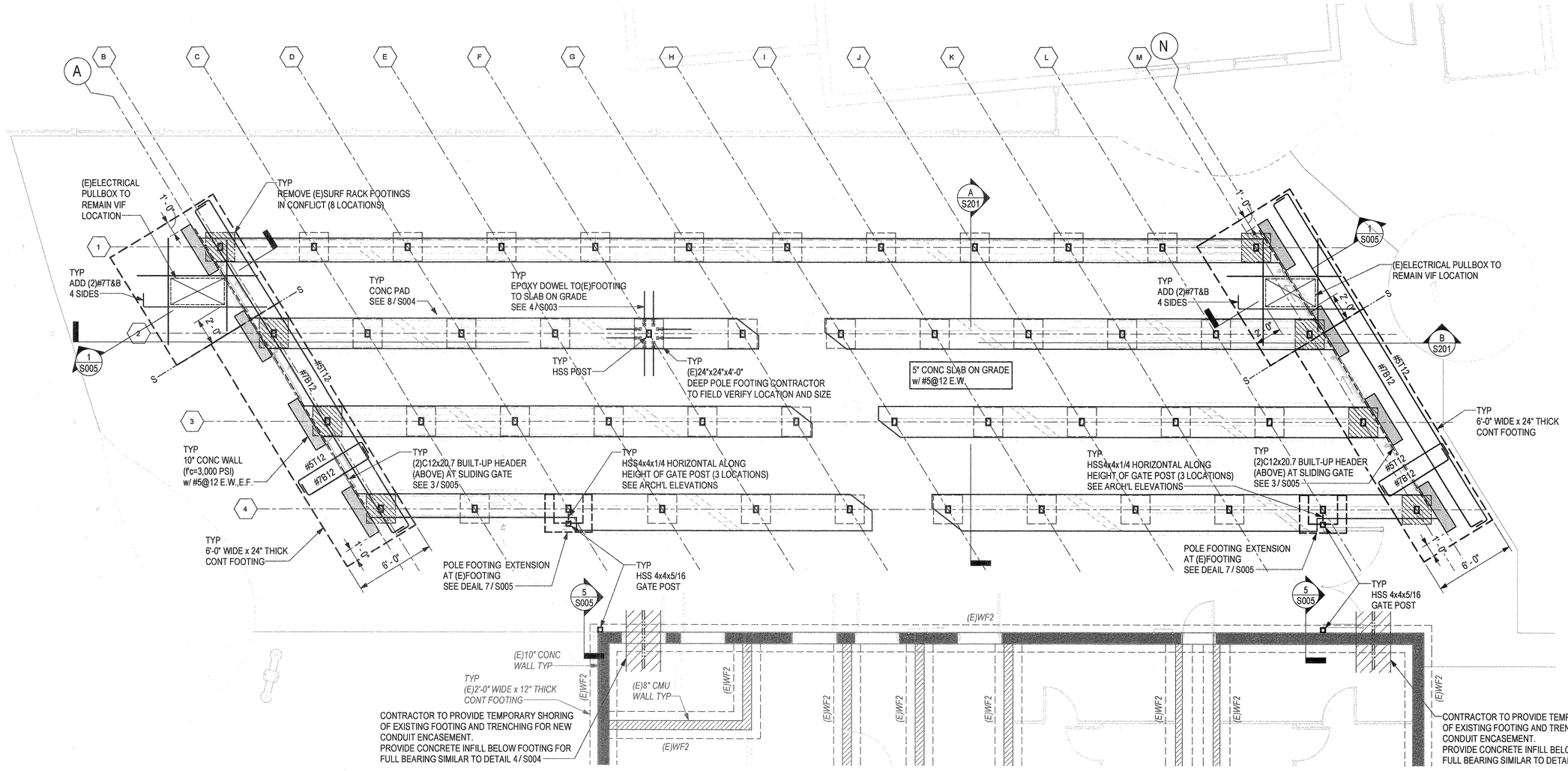
TYPICAL DETAILS

PROJECT NO. 26-P-07

DRAWING NO.:
S005

SHEET NO.	FILE NO.
26 OF 43	61/51

Plot Date: 9/9/2025 11:01:39 AM

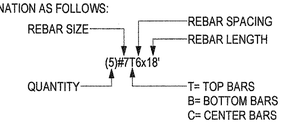


1 FLOOR FRAMING PLAN

SCALE: 1/4" = 1'-0"

FRAMING PLAN NOTES:

1. FOR BALANCE OF INFORMATION NOT SHOWN ON STRUCTURAL DRAWINGS (DIMENSIONS, SLOPES, DEPRESSIONS, ELEVATIONS, ETC.), SEE ARCHITECTURAL DRAWINGS.
2. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND COMPARE WITH CONTRACT DOCUMENTS. IF ERRORS, INCONSISTENCIES, OR OMISSIONS ARE DISCOVERED, NOTIFY ARCHITECT (STRUCTURAL ENGINEER) PRIOR TO PROCEEDING WITH WORK.
3. **(E)** INDICATES EXISTING CONSTRUCTION.
4. **(N)** INDICATES NEW CONSTRUCTION.
5. CONTRACTOR TO PROVIDE SCALEABLE, DIMENSIONED DRAWINGS INDICATING FINAL LOCATIONS OF ALL PENETRATIONS THROUGH EXISTING STRUCTURAL CONCRETE WALLS, BEAMS, AND SLABS FOR REVIEW PRIOR TO DEMOLITION. THE EXISTING CONCRETE SHALL BE SCANNED TO IDENTIFY ANY CONFLICTING REINFORCING THAT MAY BE DAMAGED AND THIS REINFORCING SHALL BE INDICATED ON THE PENETRATION DRAWINGS. CONTRACTOR SHALL AVOID DAMAGING EXISTING REINFORCING WHENEVER POSSIBLE.
6. INDICATES FULL HEIGHT CONCRETE WALL OR COLUMN ABOVE. SEE PLANS FOR REINFORCING.
7. S----S INDICATES STEPPED FOOTING. SEE DETAIL 6 / S004
8. ALL REINFORCING SHALL BE PLACED AS FOLLOWS:
   A. PLAN EAST - WEST DIRECTION OUTSIDE LAYER
   B. PLAN NORTH - SOUTH DIRECTION INSIDE LAYER
9. REBAR DESIGNATION AS FOLLOWS:



BY	DATE	DESCRIPTION	SHT. NO.	APPROVED

REVISION

DATE:

KIMBERLY M.Y. HALL
LICENSED PROFESSIONAL ENGINEER
No.16268-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

KIMBERLY M.Y. HALL
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DESIGNED BY: HC
DRAWN BY: RD
CHECKED BY: HC
DATE: 09/09/26
ACCEPTED:

Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE., HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

FLOOR FRAMING PLAN

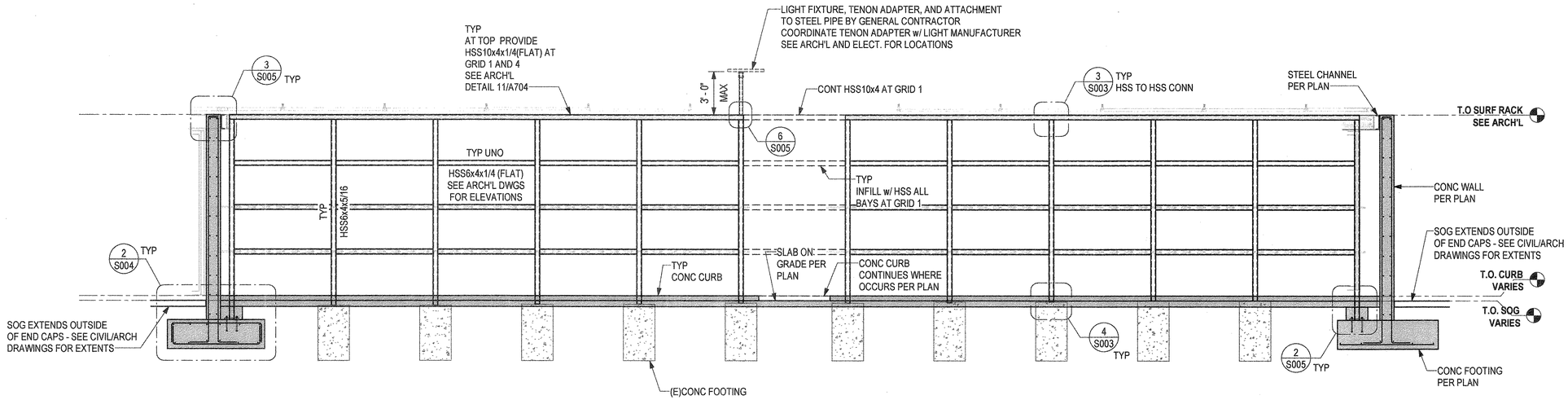
PROJECT NO. 26-P-07

DRAWING NO.:

S101

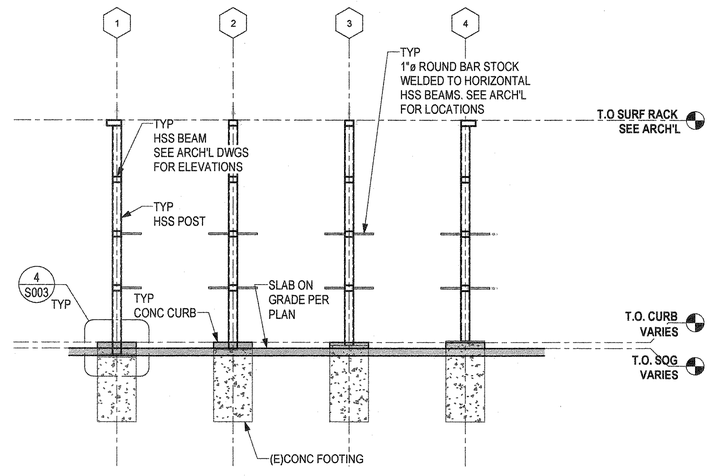
SHEET NO.	FILE NO.
27 OF 43	61/51

Plot Date: 9/8/2026 11:01:46 AM



B SECTION AT RACK STRUCTURE

0 2" 4" 8"
SCALE: 1/4" = 1'-0"



A SURF RACK CROSS SECTION

0 2" 4" 8"
SCALE: 1/4" = 1'-0"

NO.	DESCRIPTION	DATE	APPROVED

KIMBERLY M.Y. HALL
LICENSED PROFESSIONAL ENGINEER
No.16288-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

KIMBERLY M.Y. HALL
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: HC
CHECKED BY: HC
DRAWN BY: RD
DATE: 08/08/25
ACCEPTED:
Chief, Facilities Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

SECTIONS

PROJECT NO. 26-P-07

DRAWING NO.:

S201

SHEET NO.	FILE NO.
28 OF 43	61/51

Plot Date: 9/9/2026 11:01:51 AM

POWER SYMBOL LEGEND		
SYMBOLS SHOWN IN LEGEND MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE DIAGRAMMATIC IN NATURE AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	MTG HT, UON
(J)⊢(J)	JUNCTION BOX	--
(E)⊢(E)	HARDWIRED EQUIPMENT CONNECTION	--
▭	480Y/277V PANELBOARD, MCB	72" AFF
▬	208Y/120V PANELBOARD, MCB	72" AFF
——→	CIRCUIT HOMERUN TO PANELBOARD WHERE MULTIPLE CIRCUITS SHARE SAME HOMERUN, LIMIT TO MAX THREE SINGLE POLE CIRCUITS TO A SINGLE HOMERUN	
X/X/X ——→	MULTI-POLE DEVICE CIRCUIT NUMBERS. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.	
—UG—	CONDUIT INSTALLED UNDERGROUND, IN SLAB, OR IN UTILITY TRENCH	
— — —	CONDUIT INSTALLED SURFACE MOUNTED	
⊖	DUPLEX RECEPTACLE	18" AFF
⊖GFCI	DUPLEX RECEPTACLE, GFCI	18" AFF

LIGHTING SYMBOL LEGEND		
SYMBOLS SHOWN IN LEGEND MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE DIAGRAMMATIC IN NATURE AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	MTG HT, UON
▭	WALL LINEAR	SEE NOTE 2
○	RECESSED DOWNLIGHT	SEE NOTE 2
Z#_#	LCP RELAY/ZONE DESIGNATOR. INDICATES Z(LEVEL #)_(ZONE #)	
⊙	LIGHT POLE	

LIGHTING NOTES:
1. REFER TO LUMINAIRE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING HEIGHTS. IT IS THE INTENT, UNLESS NOTED OTHERWISE, THAT SURFACE AND RECESSED FIXTURES WILL BE MOUNTED AT ARCHITECT'S CEILING PLANE.

TELECOM SYMBOL LEGEND		
SYMBOLS SHOWN IN LEGEND MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE DIAGRAMMATIC IN NATURE AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	MTG HT, UON
⊠#	SURFACE MOUNTED TELECOM OUTLET, SUBSCRIPT "#" DENOTES NUMBER OF CONNECTORS, WET LOCATION RATED	

FIRE ALARM SYMBOL LEGEND		
SYMBOLS SHOWN IN LEGEND MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE DIAGRAMMATIC IN NATURE AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	MTG HT, UON
ⓗ	HEAT DETECTOR, WET LOCATION RATED	
▯	FIRE ALARM MULTI-HAZARD CONTROL PANEL	
▽	COMBINATION AUDIBLE (SPEAKER)/VISUAL NOTIFICATION DEVICE WALL MOUNTED, WET LOCATION RATED	
▽F	COMBINATION AUDIBLE (SPEAKER)/VISUAL NOTIFICATION DEVICE CEILING MOUNTED, WET LOCATION RATED	

PANELBOARD NAMING KEY

#A#

VOLTAGE AND TYPE
- 2 = 208Y/120V PANELBOARD
- 4 = 480Y/277V PANELBOARD

SEQUENCE/COUNT
- A# = 1ST PANEL OF TYPE LOCATED ON LEVEL # _
- B# = 2ND PANEL OF TYPE LOCATED ON LEVEL # _

*EXCEPTIONS: N/A

EXAMPLE: PANEL '2B2' IS THE SECOND 208Y/120V PANEL LOCATED ON LEVEL 2

GENERAL NOTATIONS AND MOUNTING HEIGHTS

NOTE 1: MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE, UNLESS OTHERWISE INDICATED.
A) 48" AFF INDICATES TO TOP OF DEVICE;
B) 15" AFF INDICATES TO BOTTOM OF DEVICE;
C) 80" AFF INDICATES TO BOTTOM OF DEVICE;
D) 72" AFF INDICATES TO TOP OF ENCLOSURE;
E) 90" AFF INDICATES TO TOP OF ENCLOSURE, EXCEPT SHALL BE ADJUSTED LOWER AS NEEDED SO THAT FOR ALL OCPD, CENTER OF GRIP IN HIGHEST POSITION DOES NOT EXCEED 6'-7".

NOTE 2: CONFIRM BACKBOX SIZE WITH VENDOR SHOP DRAWINGS PRIOR TO ELECTRICAL ROUGH-IN.

⟨1⟩ SHEET NOTE: DENOTES "SEE LEGEND NOTE NO. 1".

1/E501 EXAMPLE DENOTES REFERENCE TO DETAIL 1 ON DRAWING (SHEET) E501.

2/E401 EXAMPLE DENOTES REFERENCE TO ENLARGED PLAN 2 ON DRAWING (SHEET) E401.

A/1 EQUIPMENT CALLOUT: REFERS TO A-1 ON EQUIPMENT SCHEDULE. SEE EQUIPMENT SCHEDULE SHEETS FOR ADDITIONAL DETAILS.

⟨A1⟩ LIGHT FIXTURE TYPE CALLOUT: REFERS TO LUMINAIRE TAG A1 ON LIGHT FIXTURE SCHEDULE. SEE LIGHTING SCHEDULE SHEETS FOR ADDITIONAL DETAILS.

△1 REVISION DELTA

ⓐ DUCT SECTION MARKER. SEE CORRESPONDING DUCT SECTION DETAIL WITH SAME LETTER DESIGNATION.

1/E301 SECTION MARKER. EXAMPLE DENOTES REFERENCE TO DETAIL 1 ON SHEET E301.

ELECTRICAL SPECIFICATIONS

PART 1 - GENERAL
A. REFER TO COMPLETE CONTRACT DOCUMENTS FOR OTHER DETAILS AND REQUIREMENTS.
B. CONFORM TO THE BUILDING, FIRE, AND ELECTRICAL CODES OF THE CITY AND COUNTY OF HONOLULU, LAWS AND REGULATIONS OF THE CITY AND COUNTY OF HONOLULU AND STATE OF HAWAII.
C. OBTAIN AND PAY FOR REQUIRED PERMITS, LICENSES, FEES, AND OTHER CHARGES. DELIVER CERTIFICATES OF COMPLETION AND INSPECTION TO THE OWNER. SUBCONTRACTORS SHALL BE LICENSED FOR THE WORK THEY PERFORM.
D. PROVIDE 4 COPIES OF DATA ON LUMINAIRES, ELECTRICAL EQUIPMENT, AND WIRING DEVICES THAT HAVE BEEN CHECKED BY THE CONTRACTOR FOR ARCHITECT'S REVIEW AND APPROVAL. ALLOW TEN WORKING DAYS FOR REVIEW PROCESS. (IF SUBSTITUTE PRODUCTS ARE PROPOSED FOR USE, THE BIDDER SHALL, PRIOR TO BID OPENING, SUBMIT 4 COPIES OF SHOP DRAWINGS OR CATALOG CUTS FOR APPROVAL. SUBSTITUTIONS AFTER RECEIPT OF APPROVED SUBMITTALS SHALL NOT BE PERMITTED UNLESS APPROVED IN WRITING BY THE ARCHITECT.)
E. FIRE ALARM AND TELECOMMUNICATIONS SHOP DRAWINGS (OBTAIN DRAWINGS FROM OWNER CONTRACTED VENDORS) ARE A PART OF THE CONTRACT DOCUMENTS AND SUPERSEDE OTHER DRAWINGS AND REQUIREMENTS.
F. MAINTAIN A SET OF CONTRACT DRAWINGS AT THE JOB SITE MARKING THEM TO SHOW VARIATIONS BETWEEN CONSTRUCTION ACTUALLY PROVIDED AND THAT INDICATED ON CONTRACT DOCUMENTS. PRIOR TO FINAL INSPECTION, TRANSFER THESE DATA AND SUBMIT 1 SET OF CLEAN RECORD DRAWINGS TO THE ARCHITECT.
G. EXISTING CONDITIONS ARE SHOWN IN AN APPROXIMATE WAY AND HAVE NOT BEEN VERIFIED BY THE OWNER OR HIS REPRESENTATIVE. CONTRACTOR SHALL DETERMINE THE EXACT CONDITION OF EXISTING WIRING BEFORE COMMENCING WORK, AND SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE CONDITIONS.
H. THE ELECTRICAL INSTALLATION SHALL BE GUARANTEED FOR ONE YEAR AFTER ACCEPTANCE BY THE OWNER. WHEN NOTIFIED BY THE OWNER OF FAILURE OF ANY PART OF THE INSTALLATION DURING THE GUARANTEE PERIOD, THE CONTRACTOR SHALL REPAIR OR REPLACE THE DEFECTIVE PART AT HIS OWN EXPENSE TO THE SATISFACTION OF THE OWNER. FAILURES DUE TO DEFECTIVE PARTS SHALL BE COVERED BY THE MANUFACTURERS' WARRANTIES.
I. PROVIDE ALL COMPONENTS REQUIRED FOR A COMPLETE AND OPERABLE INSTALLATION.
J. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SAFETY ON THE JOBSITE.

PART 2 - PRODUCTS
A. NO PRODUCTS CONTAINING ASBESTOS SHALL BE USED ON THIS PROJECT.
B. MATERIALS AND EQUIPMENT SHALL MEET THE REQUIREMENTS OF UNDERWRITER'S LABORATORIES, INC. (UL) WHERE UL STANDARDS HAVE BEEN ESTABLISHED FOR THOSE ITEMS. ALL ITEMS SHALL BE NEW UNLESS INDICATED OTHERWISE.
1. CONDUCTORS: MINIMUM SIZE NO. 12 AWG, COPPER, 600 VOLTS, TYPE THWN OR XHHW. PROVIDE TYPE RHW FOR CONDUCTORS TO BE INSTALLED UNDERGROUND. CONDUCTORS NO. 8 AND LARGER SHALL BE STRANDED. CONDUCTORS NO. 10 AND SMALLER SHALL BE SOLID, EXCEPT THAT CONDUCTORS FOR REMOTE-CONTROL AND SIGNAL CIRCUITS, CLASSES 1, 2, AND 3, MAY BE STRANDED. COLOR CODE OF UNGROUNDED CONDUCTORS:
   a. 208/120 VOLT, 3-PHASE: PHASE A - BLACK, PHASE B - RED, PHASE C - BLUE,
2. RACEWAYS: ELECTRICAL METAL TUBING (EMT), 3/4" INCH MINIMUM UNLESS OTHERWISE NOTED, AND GALVANIZED RIGID CONDUIT, 3/4" INCH MINIMUM UNLESS OTHERWISE NOTED. LIQUID TIGHT FLEX FOR CONNECTION TO TRANSFORMERS AND MOTORS.
3. PROVIDE PVC CONDUITS FOR UNDERGROUND INSTALLATIONS. PROVIDE GALVANIZED RIGID CONDUITS FOR EXPOSED SURFACE MOUNT RACEWAY INSTALLATIONS: PAINTED TO MATCH ADJACENT SURFACES.
4. DEVICE PLATES: SMOOTH ONE PIECE TO SUIT DEVICES INSTALLED, UREA OR PHENOLIC, WHITE. GROUPED DEVICES SHALL BE GANGED UNDER A SINGLE PLATE.
5. WIRING DEVICES:
   A. RECEPTACLES: SPECIFICATION GRADE, NEMA 5-20R, DUPLEX, WHITE.
6. LUMINAIRES: PER FIXTURE SCHEDULE ON PLANS. INCLUDE ALL HANGERS, SUPPORTS, BALLASTS AND LAMPS AS REQUIRED.
7. PANEL:
   a. MODIFY EXISTING PANELS AS INDICATED, COMPLEMENTS TO BE COMPATIBLE WITH EXISTING PANEL.
   b. BOLT-ON BREAKERS, TYPE AND RATING AS INDICATED.
   c. UPDATE AND TYPE DIRECTORY TO INDICATE LOAD SERVED BY EACH CIRCUIT.
8. FIRE ALARM AND DETECTION DEVICES: NEW EQUIPMENT SHALL BE COMPATIBLE WITH AND SHALL OPERATE ACCURATELY AND RELIABLY WITH THE EXISTING VENDOR SYSTEM AND SHALL NOT IMPAIR RELIABILITY OR OPERATIONAL FUNCTIONS OF EXISTING SYSTEM.
9. NAMEPLATES: LAMINATED MELAMINE PLASTIC, 1/8"-THICK, WHITE WITH BLACK CENTER CORE. SURFACE SHALL BE MATTE FINISH. ENGRAVE 1/4"-HIGH NORMAL BLOCK STYLE LETTERING INTO CORE. MINIMUM SIZE OF NAMEPLATE SHALL BE 1" X 2-1/2".
10. SUBMIT DRAWINGS OR CATALOG CUTS FOR THE FOLLOWING EQUIPMENT AND RESUBMIT UNTIL APPROVAL IS RECEIVED. EACH SUBMITTAL SHALL BE CLEARLY MARKED AS TO ITS INTENDED USE AND LOCATION.
   a. LUMINAIRES
   b. TIME SWITCH

PART 3 - EXECUTION
A. DRAWINGS ARE OF SMALL SCALE AND ARE SCHEMATIC. LOCATIONS OF EQUIPMENT AND SYSTEM ELEMENTS ARE APPROXIMATE. RELOCATE ANY DEVICE WITHIN 10 FEET PRIOR TO INSTALLATION, WITHOUT ADDITIONAL COST, AT THE DIRECTION OF THE OWNER.
B. CONSULT THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR DETAILS NOT SHOWN ON THE ELECTRICAL DRAWINGS. ANY CONFLICTS IN LOCATING EQUIPMENT SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR RESOLUTION. IF DIRECTED BY THE ARCHITECT, THE CONTRACTOR SHALL MAKE REASONABLE MODIFICATION TO THE LAYOUT OF EQUIPMENT TO PREVENT CONFLICT WITH OTHER TRADES OR FOR THE PROPER EXECUTION OF THE WORK AT NO EXTRA COST.
C. INSTALLATION AND WORKMANSHIP:
1. INSTALLATION SHALL CONFORM TO SEISMIC DESIGN REQUIREMENTS OF CHAPTER 16 OF THE 2018 INTERNATIONAL BUILDING CODE. PROVIDE SEISMIC BRACING FOR WALL MOUNTED ENCLOSURES, LUMINAIRES, AND OTHER ELECTRICAL EQUIPMENT.
2. WORK SHALL BE NEATLY EXECUTED, WORKMANLIKE IN APPEARANCE, SYMMETRICAL, PLUMB, UNIFORM, PROPERLY ALIGNED AND SECURED IN PLACE.
3. LAY OUT WORK IN ADVANCE. EXERCISE CARE WHERE CUTTING, CHANNELING, CHASING OR DRILLING FLOORS, WALLS, PARTITIONS, CEILINGS, OR OTHER SURFACES. FLOOR PENETRATIONS SHALL BE ACCOMPLISHED BY A LICENSED CORING CONTRACTOR. CONCRETE FLOOR SLABS SHALL BE X-RAYED BEFORE ANY CORING. REPAIR DAMAGE TO BUILDINGS, PIPING, AND EQUIPMENT USING SKILLED CRAFTSMEN OF TRADES INVOLVED. CUTTING, REPAIRS AND REFINISHING SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT.
4. FASTEN TO CONCRETE WITH EXPANSION BOLTS OR CONCRETE INSERTS; TO WOOD WITH WOOD SCREWS; AND TO LIGHT STEEL CONSTRUCTION WITH SHEET METAL SCREWS.
D. WIRING METHOD:
1. USE ELECTRICAL METALLIC TUBING IN CONCEALED LOCATIONS AND GALVANIZED RIGID CONDUITS IN EXPOSED LOCATIONS AS INSTRUCTED BY THE ARCHITECT. INSTALL RACEWAY PARALLEL WITH OR AT RIGHT ANGLES TO CEILINGS, WALLS, AND STRUCTURAL MEMBERS.
2. PROVIDE FLEXIBLE CONNECTION FOR EQUIPMENT SUBJECT TO VIBRATION AND LUMINAIRES MOUNTED ON ACCESSIBLE CEILING PANELS OR GRID.
3. FIRE ALARM WIRING WILL BE IN CONDUIT SYSTEM. JUNCTION BOXES SHALL BE SPRAYED RED AND LABELED "FIRE ALARM".
4. CONDUCTORS FOR 20 AMPERE BRANCH CIRCUITS OF 120 VOLTS MORE THAN 100 FEET LONG AND OF 277 VOLTS MORE THAN 230 FEET LONG FROM PANEL TO CENTER OF LOAD SHALL NOT BE SMALLER THAN NO. 10.
5. DATA RACEWAY INSTALLATION SHALL BE IN ACCORDANCE WITH EIA/TIA 569.
6. BONDING. ALL METAL COMPONENTS SHALL BE BONDED TO PROVIDE A CONTINUOUS CONDUCTING PATH BACK TO THE SERVICE GROUND OR DERIVED SYSTEM GROUND.
7. A GREEN EQUIPMENT GROUND CONDUCTOR, SIZED PER NEC TABLE 250-122, SHALL BE RUN WITH THE CONDUCTORS FOR EACH FEEDER AND BRANCH CIRCUIT. CONDUIT ALONE AS EQUIPMENT GROUND CONDUCTOR IS NOT ACCEPTABLE.
8. EQUIPMENT GROUND CONDUCTOR FOR ISOLATED GROUND CIRCUITS SHALL BE GREEN WITH A YELLOW STRIPE. EACH ISOLATED EQUIPMENT GROUND CONDUCTOR SHALL BE CONTINUOUS BACK TO THE SERVICE OR DERIVED SYSTEM GROUND POINT.
9. PROVIDE AND INSTALL ALL JUNCTION BOXES AND PULL BOXES REQUIRED FOR INSTALLATION OF ELECTRICAL DEVICES AND EQUIPMENT, WHETHER OR NOT SPECIFICALLY INDICATED ON THE PLANS. SIZING OF BOXES SHALL BE PER NEC.
10. LABEL ALL JUNCTION BOXES AND PULL BOXES INDICATION PANEL NAME AND CIRCUIT NUMBERS OF ALL BRANCH CIRCUIT CONDUCTORS CONTAINED WITHIN THE BOX.

E. INSTALL PULLSTRING (PLASTIC HAVING MINIMUM 200 POUND TENSILE STRENGTH) IN EMPTY CONDUITS IN WHICH WIRE IS TO BE INSTALLED BY OTHERS.
F. SEAL OPENINGS AROUND NEW ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANCE-RATED WALLS, PARTITIONS, FLOORS, OR CEILINGS TO MAINTAIN FIRE RESISTIVE INTEGRITY. WHERE AN EXISTING PENETRATION IS USED, SEAL PENETRATION AFTER WORK IS COMPLETED.
G. COORDINATE ELECTRICAL WORK WITH OTHER TRADES AND WITH OWNER.
H. FASTEN NAMEPLATES TO THE DEVICE WITH A MINIMUM OF TWO SHEETMETAL SCREWS OR TWO RIVETS.
I. PERFORM AN OPERATIONAL TEST AFTER COMPLETING THE INSTALLATION TO ASSURE PROPER OPERATION OF ITEMS OF THE WORK.
J. CLEAN UP DEBRIS AT END OF EACH DAYS WORK. REMOVE MARKINGS FROM ELECTRICAL EQUIPMENT AND DEVICES.

ABBREVIATIONS

AC	ALTERNATING CURRENT
AWG	AMERICAN WIRE GAGE
EMT	ELECTRICAL METALLIC TUBING
EXST/E	EXISTING
G/GRD	GROUND
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
PNL	PANEL
SS	STAINLESS STEEL
UL	UNDERWRITER'S LABORATORIES, INC.

CITY AND COUNTY OF HONOLULU
REVISED ORDINANCE OF HONOLULU 2021
CHAPTER 16B

To the best of my knowledge, this project's design substantially conforms to the Building Energy Conservation Code for:

_____ Building Component Systems
__X__ Electrical Component Systems
_____ Mechanical Component Systems

Signature: _____ Date: 9/14/26
Name: DENNIS LI
Title: ELECTRICAL ENGINEER
License No.: 14597-E

EXTERIOR LIGHTING POWER CALCULATION:
BASE ALLOWANCE = 500 W
0.6W/LF (WALKWAY < 10 FT WIDE) X 350 LF = 210 W
0.11W/LF (WALKWAY > 10 FT WIDE) X 129 LF = 14 W
TOTAL EXTERIOR LIGHTING ALLOWANCE = 685 W

INSTALLED LIGHTING POWER: 650 W

NO.	REVISION	DATE:	DESCRIPTION	SHT NO.	APPROVED
0				0	
0				0	
0				0	
0				0	
0				0	

DENNIS J. LI
LICENSED PROFESSIONAL ENGINEER
No. 14597-E
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

DENNIS J. LI
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: WW
CHECKED BY: GH
DRAWN BY: WW
DATE: 9/9/26
ACCEPTED:
Program Administrator, Mechanical/Electrical Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

ELECTRICAL LEGEND

PROJECT NO. 26-P-07

DRAWING NO.: E001

SHEET NO. 29 OF 43

FILE NO. 61/51

Plot Date: 9/10/2026 11:22:58 AM

FIRE ALARM SPECIFICATIONS:

A. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
B. THE FIRE ALARM SYSTEM INSTALLATION AND MAINTENANCE SHALL BE IN ACCORDANCE WITH THE BUILDING AND FIRE CODES OF THE CITY AND COUNTY OF HONOLULU (INCLUDING BUT NOT LIMITED TO INTERNATIONAL BUILDING CODE (2018), FIRE CODE (2021 NFPA 1), NATIONAL ELECTRICAL CODE (NEC 2020 NFPA 70), AND NATIONAL FIRE ALARM AND SIGNALING CODE (2019 NFPA 72) AS AMENDED).
C. COORDINATE FIRE ALARM WORK WITH VENDOR. OBTAIN VENDOR'S AUTHORIZED REPRESENTATIVE TO PROVIDE ON-SITE PROGRAMMING MODIFICATIONS AND SUPERVISION OF INSTALLATION TO COMPLETE FIRE ALARM SYSTEM INSTALLATION, PERFORM A COMPLETE FUNCTIONAL TEST OF THE SYSTEM WITH LOCAL AUTHORITIES HAVING JURISDICTION, AND SUBMIT A WRITTEN REPORT TO THE CONTRACTOR ATTESTING TO THE PROPER OPERATION OF THE COMPLETED SYSTEM.
D. FIRE ALARM RACEWAYS SHALL BE 3/4 INCH MINIMUM. CONDUCTORS SHALL COMPLY WITH NEC ARTICLE 760.
E. RETENTION OF PLANS. 18-5.2 ONE SET OF APPROVED PLANS, SPECIFICATIONS, AND COMPUTATIONS SHALL BE RETAINED BY THE BUILDING OFFICIAL FOR A PERIOD OF NOT LESS THAN 90 DAYS FROM DATE OF COMPLETION OF THE WORK COVERED THEREIN, AND ONE SET OF APPROVED PLANS SHALL BE RETURNED TO THE APPLICANT, AND SAID SET SHALL BE KEPT ON THE SITE OF THE BUILDING OR WORK AT ALL TIMES DURING WHICH THE WORK AUTHORIZED THEREBY IS IN PROGRESS. (SEC. 18-5.2 R.O. 1978 (1983 ED.); AM. ORD. 93-59)
F. WHERE INSTALLATION DEVIATES FROM APPROVED PLANS, REVISED DRAWINGS ARE TO BE RESUBMITTED FOR REVIEW AND APPROVAL BY THE FIRE DEPARTMENT.
G. UNLESS OTHERWISE NOTED, SECTIONS NOTED BELOW ARE FROM 2021 NFPA 1.
   1. AUTHORITY HAVING JURISDICTION (AHJ) APPROVAL.
      a. 13.1.1 THE AHJ SHALL HAVE THE AUTHORITY TO REQUIRE THAT CONSTRUCTION DOCUMENTS FOR ALL FIRE PROTECTION SYSTEMS BE SUBMITTED FOR REVIEW AND APPROVAL AND A PERMIT BE ISSUED PRIOR TO THE INSTALLATION, REHABILITATION, OR MODIFICATION. THE AHJ SHALL HAVE THE AUTHORITY TO REQUIRE THAT FULL ACCEPTANCE TESTS OF THE SYSTEMS BE PERFORMED IN THE AHJ'S PRESENCE PRIOR TO FINAL SYSTEM CERTIFICATION.
      b. FIRE ALARM SYSTEM REQUIRED BY THE CODE SHALL BE APPROVED BY THE AHJ AS TO INSTALLATION AND LOCATION AND SHALL BE SUBJECT TO ACCEPTANCE TESTS REQUIRED BY THE APPROPRIATE COUNTY AGENCY. NFPA 1, CHAPTER 13 AS AMENDED.
      c. ROUTE THE COMPLETED "FIRE ALARM SYSTEM TEST" FORM TO THE HONOLULU COUNTY FIRE DEPARTMENT FOR SCHEDULING OF THE SYSTEM TEST.
      d. ACCEPTANCE TEST. UPON COMPLETION OF THE INSTALLATION, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE FIRE CHIEF OR HIS DESIGNATED REPRESENTATIVE. ALL FUNCTIONS OF THE SYSTEM SHALL BE TESTED.
   2. DETECTION, ALARM, AND COMMUNICATION SYSTEMS.
      a. 13.7.1.1 WHERE BUILDING FIRE ALARM SYSTEMS OR AUTOMATIC FIRE DETECTORS ARE REQUIRED BY OTHER SECTIONS OF THIS CODE, THEY SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH NFPA 70, NFPA 72, AND SECTION 13.7.
      b. 13.7.1.4.10.5 UNLESS OTHERWISE PROVIDED IN 13.7.1.4.10.5.1 THROUGH 13.7.1.4.10.5.8, NOTIFICATION SIGNALS FOR OCCUPANTS TO EVACUATE SHALL BE AUDIBLE AND VISIBLE SIGNALS IN ACCORDANCE WITH NFPA 72 AND ICC/ANSI A117.1, AMERICAN NATIONAL STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, OR OTHER MEANS OF NOTIFICATION ACCEPTABLE TO THE AHJ SHALL BE PROVIDED.
      c. 13.7.1.4.10.5.1 AREAS NOT SUBJECT TO OCCUPANCY BY PERSONS WHO ARE HEARING IMPAIRED SHALL NOT BE REQUIRED TO COMPLY WITH THE PROVISIONS FOR VISIBLE SIGNALS.
      d. 18.4.2.5 THE STANDARD EVACUATION SIGNAL SHALL BE SYNCHRONIZED WITHIN A NOTIFICATION ZONE.
   3. 13.7.3.2.1 APPROVAL AND ACCEPTANCE.
      a. 13.7.3.2.1.3 BEFORE REQUESTING FINAL APPROVAL OF THE INSTALLATION, THE INSTALLING CONTRACTOR SHALL FURNISH A WRITTEN STATEMENT STATING THAT THE SYSTEM HAS BEEN INSTALLED IN ACCORDANCE WITH APPROVED PLANS AND TESTED IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTRUCTIONS AND THE APPROPRIATE NFPA REQUIREMENTS.
      b. 13.7.3.2.1.4 THE RECORD OF COMPLETION FORM, FIGURE 10.18.2.1.1 OF NFPA 72, SHALL BE PERMITTED TO BE PART OF THE WRITTEN STATEMENT REQUIRED IN 13.7.3.2.1.3. WHEN MORE THAN ONE CONTRACTOR HAS BEEN RESPONSIBLE FOR THE INSTALLATION, EACH CONTRACTOR SHALL COMPLETE THE PORTIONS OF THE FORM FOR WHICH THAT CONTRACTOR HAD RESPONSIBILITY.
      c. 13.7.3.2.1.5 THE RECORD OF COMPLETION FORM, FIGURE 10.18.2.1.1 OF NFPA 72, SHALL BE PERMITTED TO BE PART OF THE DOCUMENTS THAT SUPPORT THE REQUIREMENTS OF 13.7.3.2.2.4.
   4. 16.1.1 STRUCTURES UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITION OPERATIONS, INCLUDING THOSE IN UNDERGROUND LOCATIONS, SHALL COMPLY WITH NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, AND THIS CHAPTER.
   5. ALTERATION OF BUILDINGS.
      a. 10.8.1.1 AS NECESSARY DURING EMERGENCIES, MAINTENANCE, DRILLS, PRESCRIBED TESTING, ALTERATIONS, OR RENOVATIONS, PORTABLE OR FIXED FIRE-EXTINGUISHING SYSTEMS OR DEVICES OR ANY FIRE-WARNING SYSTEM SHALL BE PERMITTED TO BE MADE INOPERATIVE OR INACCESSIBLE.
      b. A FIRE WATCH SHALL BE REQUIRED AS SPECIFIED IN SECTIONS 13.3.3.6.5.2 (3) AND (4), 13.7.1.4.4, 16.5.4, 34.6.3.3, 41.2.2.6, 41.2.2.7, 41.2.4, 41.3.5, AND 41.4.1.
      c. 16.4.4.1 WHERE THE BUILDING IS PROTECTED BY FIRE PROTECTION SYSTEMS, SUCH SYSTEMS SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING ALTERATION.
      d. 16.4.4.2 WHERE ALTERATION REQUIRES MODIFICATION OF A PORTION OF THE FIRE PROTECTION SYSTEM, THE REMAINDER OF THE SYSTEM SHALL BE KEPT IN SERVICE AND THE FIRE DEPARTMENT SHALL BE NOTIFIED.
      e. 16.4.4.3 WHEN IT IS NECESSARY TO SHUT DOWN THE SYSTEM, THE AHJ SHALL HAVE THE AUTHORITY TO REQUIRE ALTERNATE MEASURES OF PROTECTION UNTIL THE SERVICE IS RETURNED TO SERVICE.
      f. 16.4.4.4 THE FIRE DEPARTMENT SHALL BE NOTIFIED WHEN THE SYSTEM IS SHUT DOWN AND WHEN THE SYSTEM IS RETURNED TO SERVICE.
H. NFPA 72 10.15 PROTECTION OF FIRE ALARM SYSTEM. IN AREAS THAT ARE NOT CONTINUOUSLY OCCUPIED, AUTOMATIC SMOKE DETECTION SHALL BE PROVIDED AT THE LOCATION OF EACH FIRE ALARM CONTROL UNIT(S), NOTIFICATION APPLIANCE CIRCUIT POWER EXTENDRS, AND SUPERVISING STATION TRANSMITTING EQUIPMENT TO PROVIDE NOTIFICATION OF FIRE AT THAT LOCATION.

REVISION	DATE	DESCRIPTION	SHT. NO.	APPROVED
			OF	
			OF	
			OF	
			OF	
			OF	

DENNIS J. LI
LICENSED PROFESSIONAL ENGINEER
No. 14597-E
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WAS UNDER MY OBSERVATION

DENNIS J. LI
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: WW
CHECKED BY: GH
DRAWN BY: WW
DATE: 9/8/26
ACCEPTED:

Program Administrator, Mechanical/Electrical Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

FIRE ALARM NOTES

PROJECT NO. 26-P-07

DRAWING NO.:

E002

SHEET NO.	FILE NO.
30 OF 43	61/51

Plot Date: 9/10/2026 11:22:58 AM

Branch Panel: C1

Location: (E) ELECTRICAL C104
Supply From: METER MAIN (3P175A)
Mounting: Surface
Enclosure: Type 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 10 KAIC
Mains Type: MLO
Mains Rating: 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	(E) R - STOR, TOILET CH	20 A	1	500 VA	1200 VA					1	20 A	(E) L - STOR, ELEC, TOILET CH	2
3	(E) R - ELE RM, STOR	20 A	1			500 VA	1200 VA			1	20 A	(E) L - MENS / WOMENS TOILET (TIME...	4
5	(E) R - IR SINK WOMEN / MEN / EXT	20 A	1					200 VA	1200 VA	1	20 A	(E) L - EXTERIOR	6
7	(E) R - FESTIVE LIGHT	20 A	1	1500 VA	1200 VA					1	20 A	(E) L - EXTERIOR	8
9	(E) R - FESTIVE LIGHT	20 A	1			1000 VA	1200 VA			1	20 A	(E) L - BLDG ROOF TRELLIS	10
11	(E) L - FLOOD (ON ST LT POLE)	20 A	1					1200 VA	1200 VA	1	20 A	(E) L - EXTERIOR ROOF	12
13	(E) R - KIOSK	20 A	1	1000 VA	1000 VA					1	20 A	(E) R - ON TRELLIS	14
15	(E) R - LANDSCAPE	20 A	1			1500 VA	1000 VA			1	20 A	(E) R - BEACHBOY #2 & #3	16
17	(E) L - SURF RACK AREA	20 A	1					1000 VA	1100 VA	1	20 A	(E) L - MF #1 WATER FEAT	18
19				1300 VA	1000 VA					1	20 A	(E) L - MF #1 LANDSCAPE	20
21	(E) MINI FOUNTAIN #6	40 A	3			1300 VA	1000 VA			1	20 A	(E) L - MF #6 WATER FEAT	22
23								1300 VA	1000 VA	1	20 A	(E) L - MF #6 LANDSCAPE	24
25				6000 VA	500 VA								26
27	(E) STAGE POWER #1	50 A	3			6000 VA	500 VA			3	15 A	(E) LOAD	28
29								6000 VA	500 VA				30
31	(E) MINI FOUNTAIN #1	20 A	2	500 VA	1000 VA					1	20 A	(E) TIME CLOCK	32
33						500 VA	1000 VA			1	20 A	(E) EXHAUST FAN / TOILET	34
35	(E) TEL BOOTH POWER	20 A	1					1000 VA	1000 VA	1	20 A	(E) CLOCK	36
37	L - SURFBOARD RACK	20 A	1	1498 VA	1000 VA					1	20 A	(E) OTWC WI-FI	38
39	(N) FIRE ALARM MULTI-HAZARD PANEL	20 A	1			180 VA	500 VA			1	20 A	(E) SPARE	40
41	(N) TELECOM SWITCH	20 A	1					180 VA	0 VA	1	20 A	(E) SPARE	42
			Total Load:	19198 VA		17380 VA		16880 VA					
			Total Amps:	161 A		145 A		141 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	138 VA	100.00%	138 VA		
Other	1360 VA	100.00%	1360 VA	**Total Conn. Load:**	53458 VA
Power	180 VA	100.00%	180 VA	**Total Est. Demand:**	53458 VA
Receptacle	180 VA	100.00%	180 VA	**Total Conn. Current:**	148 A
				Total Est. Demand Current:	148 A

Notes:

Branch Panel: P

Location: STATION AREA H103
Supply From: METER MAIN (3P100A)
Mounting: Surface
Enclosure: Type 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 10 KAIC
Mains Type: MLO
Mains Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	(E) R - ENTRY	20 A	1	180 VA	1200 VA					1	20 A	(E) L - INTERIOR	2
3	(E) R - MONITOR RM	20 A	1			360 VA	200 VA			1	20 A	(E) L - TOILET / EXHAUST FAN	4
5	(E) R - MONITOR RM	20 A	1					360 VA	1200 VA	1	20 A	(E) L - INTERIOR	6
7	(E) R - MONITOR RM	20 A	1	180 VA	1200 VA					1	20 A	(E) L - EXTERIOR	8
9	(E) R - TOILET / HALL	20 A	1			1200 VA	1200 VA			1	20 A	(E) R - OFFICE #3	10
11	(E) R - MECH RM	20 A	1					500 VA	1200 VA	1	20 A	(E) R - OFFICE #2	12
13	(E) R - FRONT DESK	20 A	1	1200 VA	1200 VA					1	20 A	(E) R - OFFICE #1	14
15	(E) L - ROOF TRELLIS	20 A	1			100 VA	1200 VA			1	20 A	(E) R - SOUND SYSTEM	16
17	(E) SPARE	20 A	1					1000 VA	500 VA	1	20 A	(E) FIRE ALARM	18
19				4800 VA	600 VA								20
21	(E) ACCU-1	60 A	3			4800 VA	600 VA			2	20 A	(E) FCU-1	22
23								4800 VA	600 VA	1	20 A	(E) SPARE	24
25	PFB	--	1	--	0 VA					1	20 A	(E) SPARE	26
27	PFB	--	1			--	0 VA			1	20 A	(E) SPARE	28
29	PFB	--	1					--					30
			Total Load:	10560 VA		9660 VA		10160 VA					
			Total Amps:	89 A		81 A		85 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	30380 VA
				Total Est. Demand:	30380 VA
				Total Conn. Current:	84 A
				Total Est. Demand Current:	84 A

Notes:

LUMINAIRE SCHEDULE

TYPE	LOCATION	DESCRIPTION	LIGHT SOURCE	VOLTAGE	WATTAGE	LUMENS	COLOR TEMP	MOUNTING	MANUFACTURER	CATALOG # (OR APPROVED SUBSTITUTE)
L1	SURFBOARD RACKS INTERIOR	LED LINEAR MOUNT UL1598 WET LOCATION RATED	LED	110V-277V UNIVERSAL VOLTAGE	60 W	4500	3000K	SURFACE MOUNT, ADJUSTABLE ARM	KIM LIGHTING	RN-D-3-15-3K8-AS-CL-UNV-DBT-W-NXWS16F-EM FINISHING COLOR: RAL-7022
L1A	SURFBOARD RACKS EXTERIOR	LED LINEAR MOUNT UL1598 WET LOCATION RATED	LED	110V-277V UNIVERSAL VOLTAGE	20 W	5707	3000K	WALL MOUNT	KIM LIGHTING	RN-D-4-10-3K8-SM-CL-UNV-DBT-W FINISHING COLOR: RAL-7022
D1	CONCESSION STAND BUILDING EXTERIOR UNDERHANG	LOW-PROFILE RECESSED 5" DOWNLIGHT UL1598 WET LOCATION RATED	LED	110V-277V UNIVERSAL VOLTAGE	28 W	3000	3000K	CEILING RECESSED	KIRLIN	LRC-05SDN-3000L-FLR-WFL FINISHING COLOR: RAL-7022
P1	SURFBOARD RACKS INTERIOR	SOLAR POWER LED POLE MOUNT WET LOCATION RATED	LED	NO INPUT VOLTAGE *	60 W	5800 **	3000K	POLE MOUNT	HYBRILUX	SL 20-60 SPIGOT SUPPORT: SP-F45-01
EXIT	SURFBOARD RACKS INTERIOR	EXIT SIGN LED WALL MOUNT WET LOCATION RATED	LED	110V-277V UNIVERSAL VOLTAGE	2.7 W	50	3000K	WALL MOUNT	LITHONIA	WLTE-W-1-G-EL-TP

NOTE:
* LIGHT FIXTURE IS SOLAR-POWERED WITH SELF-CONTAINED BATTERY.

** LIGHT FIXTURE LUMENS OUTPUT IS PROGRAMMABLE. RECOMMEND TO ADJUST LUMENS OUTPUT TO APPROXIMATELY 5800 LUMENS.

Plot Date: 9/10/2026 11:22:59 AM

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			OF	

DENNIS J. LI
LICENSED PROFESSIONAL ENGINEER
No. 14597-E
HAWAII, U.S.A.

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WAIKIKI SURF RACKS

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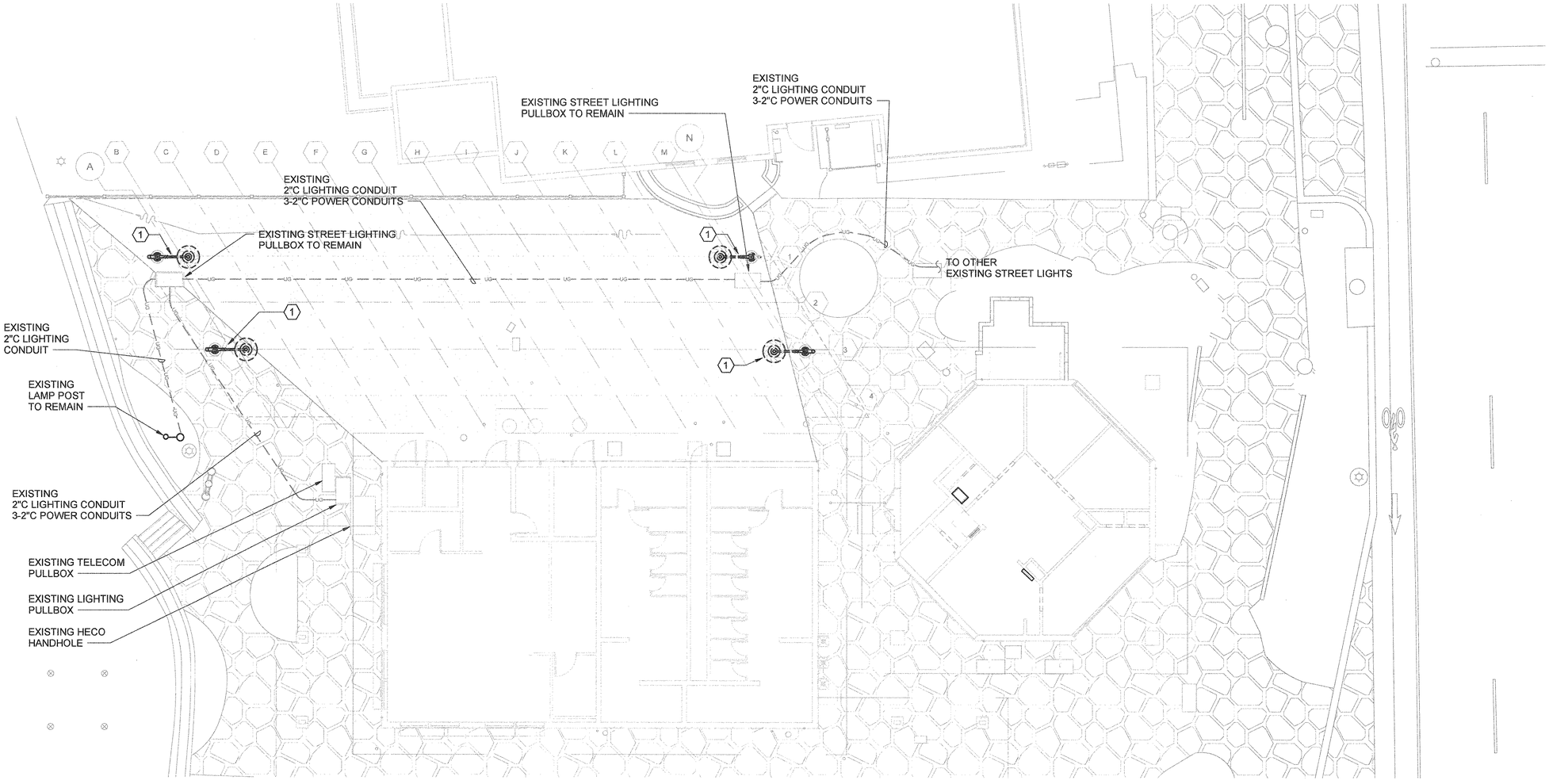
ELECTRICAL SCHEDULES

PROJECT NO. 26-P-07

DRAWING NO.:

E010

SHEET NO.	FILE NO.
31 OF 43	61/51



1 ELECTRICAL DEMO PLAN
1/8" = 1'-0"

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY WSP OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. ANY DISCREPANCIES FOUND ON SITE SHALL BE TAKEN CARE OF IN ACCORDANCE WITH NFPA STANDARDS.

ELECTRICAL NOTES

(1) REMOVE DECORATIVE LIGHT POLE. REMOVE WIRING BACK TO THE SOURCE AND ABANDON CONDUIT IN PLACE. EXISTING LIGHT POLE SHALL BE SALVAGED AND DELIVERED BACK TO DFM FOR STORAGE. DEMOLISH AND REMOVE A MINIMUM OF 2 FEET OF EXISTING CONCRETE FOUNDATION.

GRAPHIC SCALE
0 4' 8' 16'
1/8" = 1'-0"

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			SD	
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			SD	

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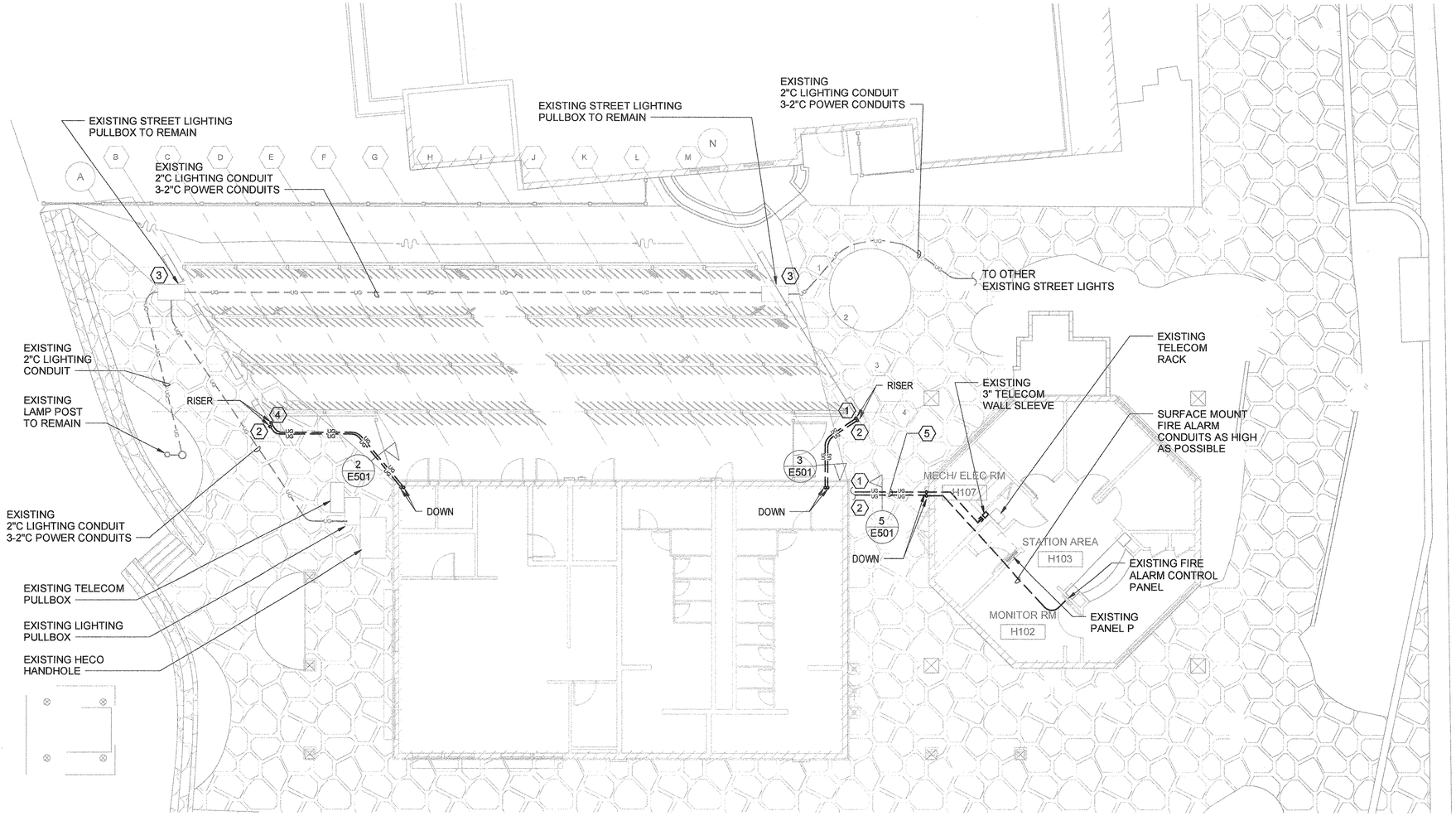
ELECTRICAL DEMO PLAN

PROJECT NO. 26-P-07

DRAWING NO.:
ED100

SHEET NO.	FILE NO.
32 OF 43	61/51

Plot Date: 9/10/2026 11:23:05 AM



1 ELECTRICAL SITE PLAN

1/8" = 1'-0"

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY WSP OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. ANY DISCREPANCIES FOUND ON SITE SHALL BE TAKEN CARE OF IN ACCORDANCE WITH NFPA STANDARDS.

ELECTRICAL NOTES

1. SEE SHEET E103 FOR CONTINUATION OF FIRE ALARM CONDUIT.
2. SEE SHEET E101 FOR CONTINUATION OF TELECOM CONDUIT.
3. EXISTING LIGHTING PULLBOX TO REMAIN. COORDINATE WITH STRUCTURAL WORK TO PROVIDE SUPPORT FOR PULLBOX AND ATTACHED CONDUITS DURING THE INSTALLATION OF ADJACENT END CAP CONCRETE WALLS AND ITS FOUNDATIONS. LIGHTING PULLBOX SHALL REMAIN ACCESSIBLE PER NEC 314.29. CONTRACTOR TO VERIFY CONDITIONS AND TYPE OF EXISTING LIGHTING PULLBOX PRIOR TO INSTALLATION OF EXTENSION RINGS TO MATCH CHANGE IN GRADING ELEVATION. FOLLOW ALL MANUFACTURER RECOMMENDATIONS AND INSTRUCTIONS ON EXTENSION RING INSTALLATION.
4. SEE SHEET E102 FOR CONTINUATION OF POWER CONDUIT.
5. COORDINATE AND LOCATE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING. PROVIDE A MINIMUM VERTICAL CLEARANCE OF 12" FROM ALL WATER AND GAS SERVICE CROSSINGS. PROVIDE A MINIMUM VERTICAL CLEARANCE OF 24" FROM ALL SEWER LINE CROSSINGS. REFER TO E501/5 FOR DUCT BANK C DETAILS.

GRAPHIC SCALE
0 4' 8' 16'
1/8" = 1'-0"

REVISION	DATE:	SHT. NO.	APPROVED
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		0F	

DESCRIPTION

DENNIS J. LI
LICENSED PROFESSIONAL ENGINEER
No. 14597-E
HAWAII, U.S.A.

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Program Administrator, Mechanical/Electrical Division

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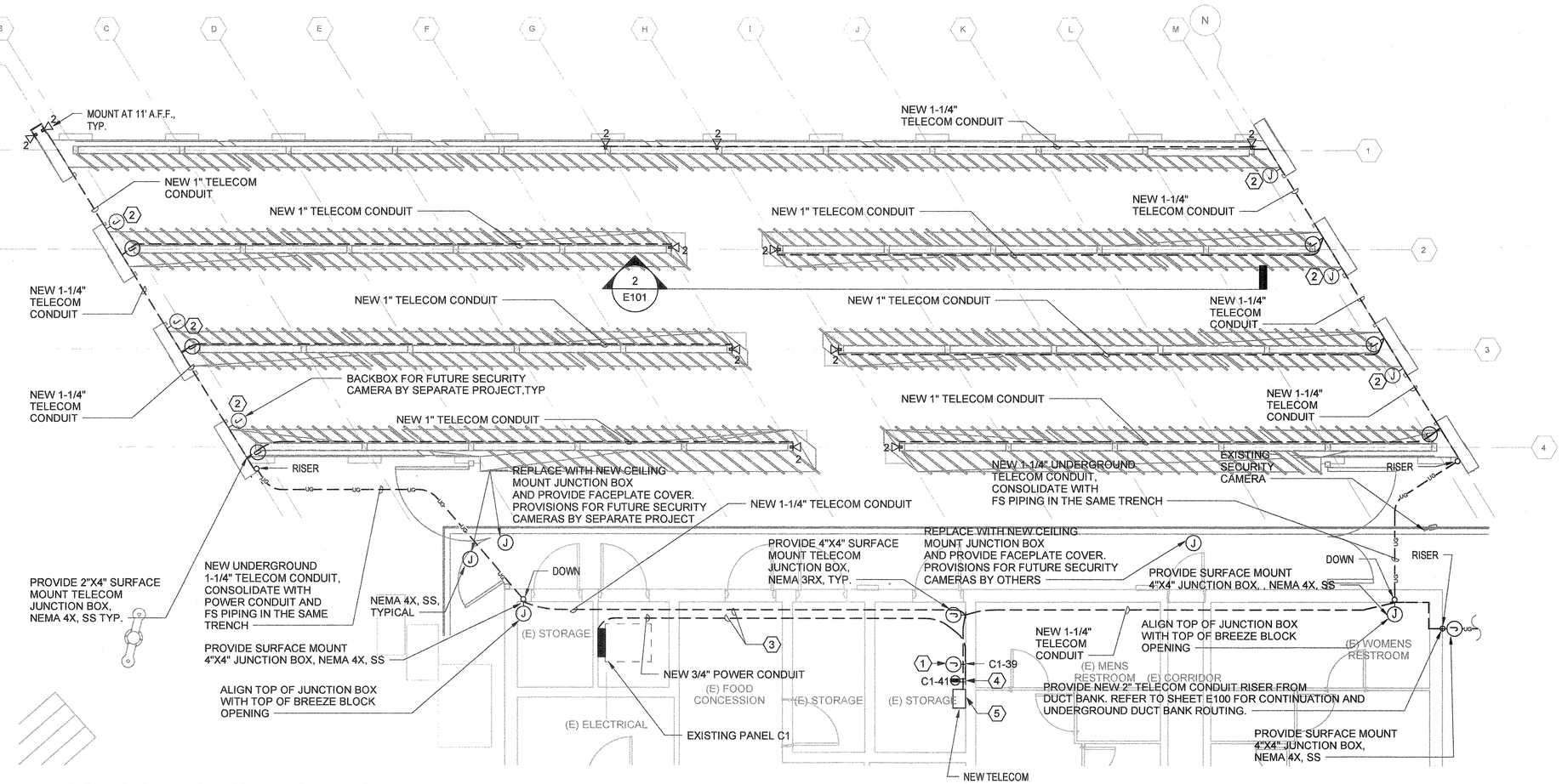
ELECTRICAL SITE PLAN

PROJECT NO. 25-P-07

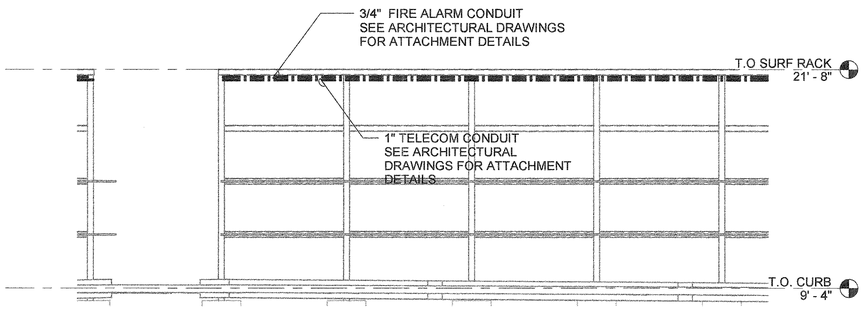
DRAWING NO.:
E100

SHEET NO.	FILE NO.
33 OF 43	61/51

Plot Date: 9/10/2026 11:23:00 AM



1 LOW VOLTAGE AND POWER PLAN
1/4" = 1'-0"



2 ELECTRICAL SECTION 1
1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY WSP OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. ANY DISCREPANCIES FOUND ON SITE SHALL BE TAKEN CARE OF IN ACCORDANCE WITH NFPA STANDARDS.
2. PAINT CONDUIT TO MATCH ADJACENT SURFACES. SEE ARCHITECTURE DRAWINGS FOR CONDUIT MOUNTING DETAIL.

ELECTRICAL NOTES

1. PROVIDE DEDICATED 120V POWER CONNECTION FOR FIRE ALARM MULTI-HAZARD PANEL. COORDINATE JUNCTION BOX MOUNTING HEIGHT WITH PANEL INSTALLATION.
2. 4" X 4" TELECOM JUNCTION BOX. FUTURE SECURITY CAMERA BY OTHERS. LOCATE WITHIN C-CHANNEL HEADER. REFER TO SHEET A704 FOR MOUNTING DETAILS.
3. WITHIN BACK OF HOUSE SPACES, SURFACE MOUNT ALL CONDUITS ABOVE EXISTING BREEZE BLOCK OPENINGS OR ON CEILING. ENSURE ALL PARALLEL CONDUITS ARE CONSOLIDATED WHERE POSSIBLE.
4. DEDICATED RECEPTACLE FOR NEW TELECOM SWITCH.
5. PROVIDE 1" TELECOM CONDUIT TO ROUTE SWITCH TO NEAREST TELECOM JUNCTION BOX.

GRAPHIC SCALE
0 2' 4' 8'
1/4" = 1'-0"

NO.	DESCRIPTION	DATE:	REVISION	SHT. NO.	APPROVED
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ELECTRICAL PLAN

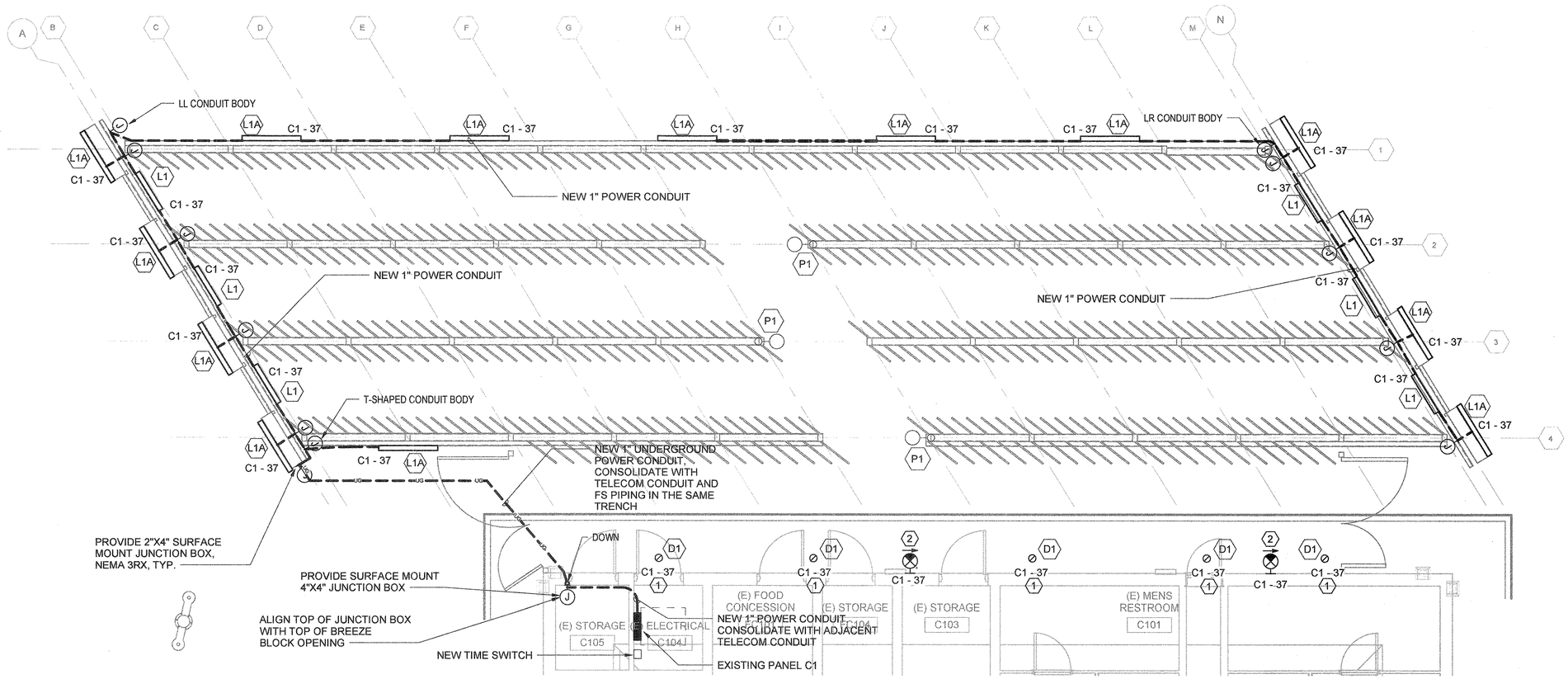
PROJECT NO. 26-P-07

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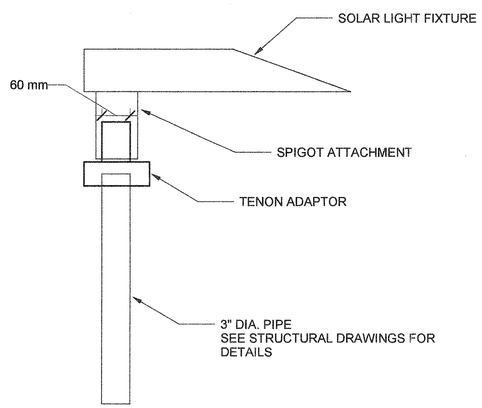
E101

SHEET NO.	FILE NO.
34 OF 43	61/51

Plot Date: 9/10/2026 11:23:01 AM



1 LIGHTING PLAN
1/4" = 1'-0"



2 SOLAR LIGHT ATTACHMENT DETAIL
NOT TO SCALE

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY WSP OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. ANY DISCREPANCIES FOUND ON SITE SHALL BE TAKEN CARE OF IN ACCORDANCE WITH NFPA STANDARDS.
2. CIRCUIT ALL LIGHT FIXTURES TO C1-37 VIA NEW TIME SWITCH.
3. SEE ARCHITECTURAL DRAWINGS FOR LIGHT FIXTURE MOUNTING HEIGHTS.

ELECTRICAL NOTES

1. REPLACE EXISTING LIGHT FIXTURE WITH NEW LED FIXTURE. CIRCUIT BACK TO C1-37 VIA NEW TIME SWITCH.
2. EXIT SIGN. WET LOCATION RATED. REFER TO LIGHTING SCHEDULE FOR DETAILS.

GRAPHIC SCALE
0 2' 4' 8'
1/4" = 1'-0"

REVISION	DATE:	DESCRIPTION	SHT. NO.	APPROVED
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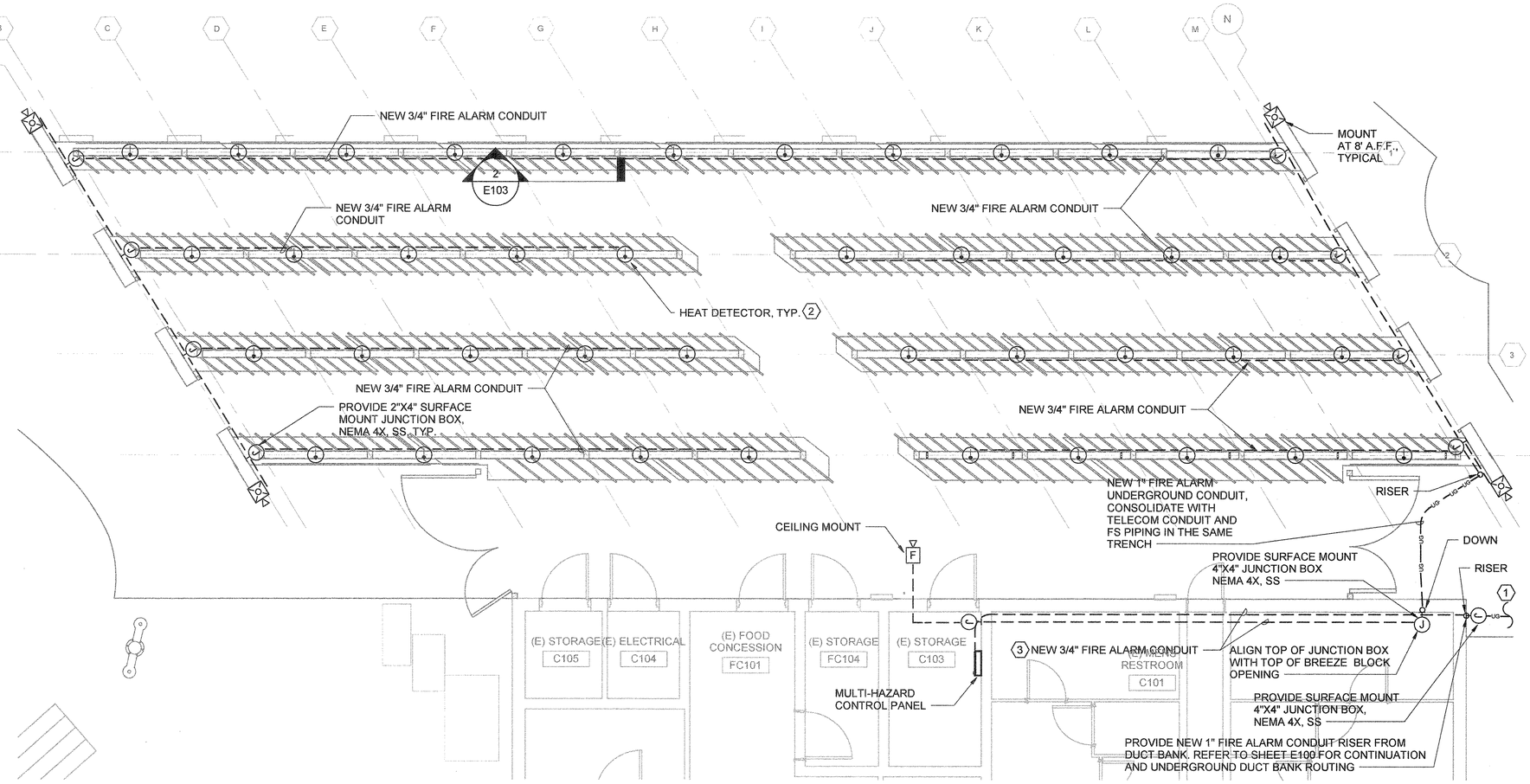
LIGHTING PLAN

PROJECT NO. 26-P-07

DRAWING NO.:
E102

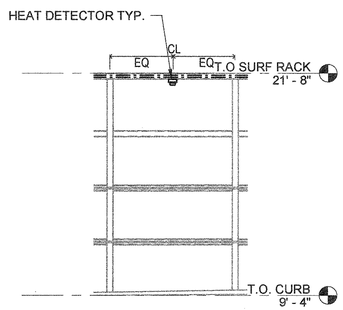
SHEET NO.	FILE NO.
35 OF 43	61/51

Plot Date: 9/10/2026 11:23:02 AM



1 FIRE ALARM PLAN

1/4" = 1'-0"



2 TYPICAL HEAT DETECTOR ELEVATION DETAIL

1/4" = 1'-0"

GRAPHIC SCALE
0 2' 4' 8'
1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY WSP OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. ANY DISCREPANCIES FOUND ON SITE SHALL BE TAKEN CARE OF IN ACCORDANCE WITH NFPA STANDARDS.
2. PAINT CONDUIT TO MATCH ADJACENT SURFACE. SEE ARCHITECTURE DRAWINGS FOR CONDUIT MOUNTING DETAIL.

FIRE ALARM KEYNOTES

1. PROVIDE NEW 1" CONDUIT FROM NEW MULTI-HAZARD RELEASE CONTROL PANEL TO EXISTING FIRE ALARM CONTROL PANEL AT HONOLULU POLICE DEPARTMENT BUILDING. SEE SHEET E100 FOR CONTINUATION.
2. RATED FOR WET LOCATION. MOUNT HEAT DETECTORS TO THE UNDERSIDE OF RACK. REFER TO SECTION VIEW E103/2.
3. WITHIN BACK OF HOUSE SPACES, SURFACE MOUNT ALL CONDUITS ABOVE EXISTING BREEZE BLOCK OPENINGS. ENSURE ALL PARALLEL CONDUITS ARE CONSOLIDATED WHERE POSSIBLE.

REVISION	DATE	SHT. NO.	DESCRIPTION	APPROVED
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		0F		
		0F		

DENNIS J. LI
LICENSED PROFESSIONAL ENGINEER
No. 14597-E
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

DENNIS J. LI
LICENSE EXPIRES APRIL 30, 2026
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK

DESIGNED BY: WW
CHECKED BY: GH
DRAWN BY: WW
DATE: 9/8/26
ACCEPTED BY:
Program Administrator, Mechanical/Electrical Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

FIRE ALARM PLAN

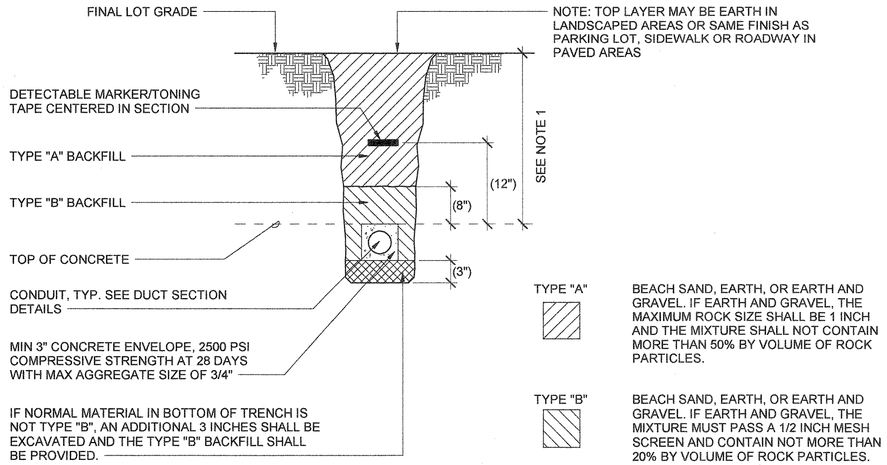
PROJECT NO. 26-P-07

DRAWING NO.:

E103

SHEET NO.	FILE NO.
38 OF 43	61/51

Plot Date: 9/10/2026 11:23:03 AM



TYPE "A" — BEACH SAND, EARTH, OR EARTH AND GRAVEL. IF EARTH AND GRAVEL, THE MAXIMUM ROCK SIZE SHALL BE 1 INCH AND THE MIXTURE SHALL NOT CONTAIN MORE THAN 50% BY VOLUME OF ROCK PARTICLES.

TYPE "B" — BEACH SAND, EARTH, OR EARTH AND GRAVEL. IF EARTH AND GRAVEL, THE MIXTURE MUST PASS A 1/2 INCH MESH SCREEN AND CONTAIN NOT MORE THAN 20% BY VOLUME OF ROCK PARTICLES.

NOTES:

1. 36" MINIMUM BURIAL DEPTH BENEATH ROADWAY/PARKING/PATH OF VEHICULAR TRAVEL
   24" MINIMUM BURIAL DEPTH ELSEWHERE.

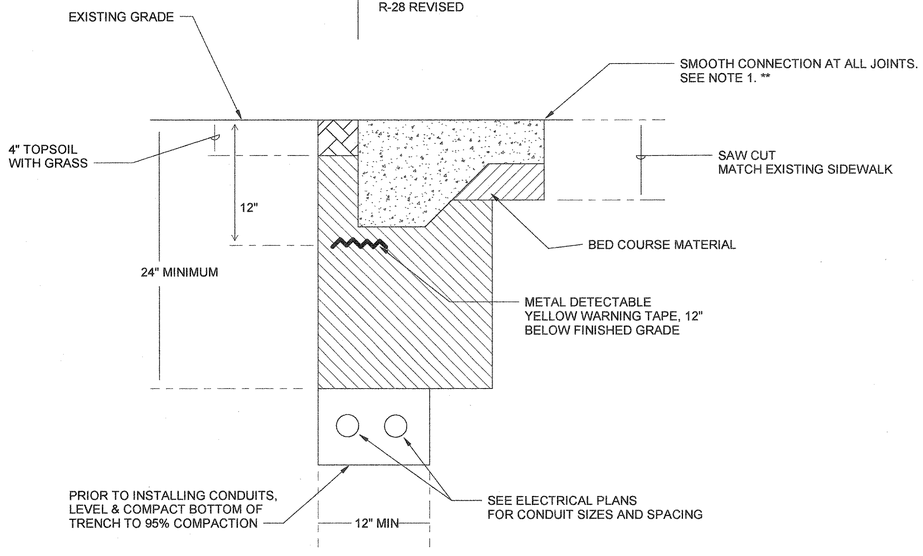
1 TYPICAL CONCRETE ENCASED DUCTBANK DETAIL

NOT TO SCALE

FOR GRADED AREAS

FOR SIDEWALK AREAS

SEE C&C STD.
R-28 REVISED



** NOTES:

1. SMOOTHNESS OF PAVED SURFACES:
   THE DISTANCE FROM THE PAVED SURFACE TO THE TESTING EDGE OF A TEN-FOOT STRAIGHT EDGE BETWEEN TWO POINTS OF CONTACT SHALL NOT EXCEED 3/16".

4 RESTORATION OF NON-ROADWAY AREAS DUE TO TRENCH EXCAVATION

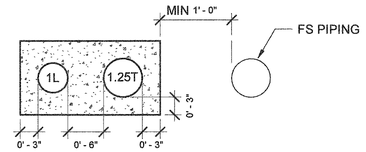
NOT TO SCALE

DUCT SECTION LEGEND:

# INDICATES DIAMETER (INCHES)

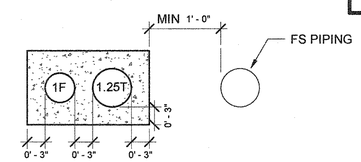
T: TELECOMMUNICATIONS
L: LIGHTING
F: FIRE ALARM

ALL CONDUITS SHALL BE PVC SCH 40, UON, AND CONCRETE ENCASED WHERE INDICATED.



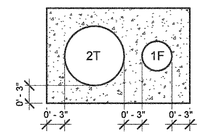
2 DUCT SECTION A

NOT TO SCALE



3 DUCT SECTION B

NOT TO SCALE



5 DUCT SECTION C

NOT TO SCALE

DENNIS J. LI
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			SD	
			SD	
			SD	
			SD	
			SD	

DESIGNED BY: WW
DRAWN BY: WW
CHECKED BY: GH
DATE: 9/9/26
ACCEPTED:

Program Administrator, Mechanical/Electrical Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

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TAX KEY: 2-6-001: 008, 015, 018, 019

ELECTRICAL DETAILS

PROJECT NO. 26-P-07

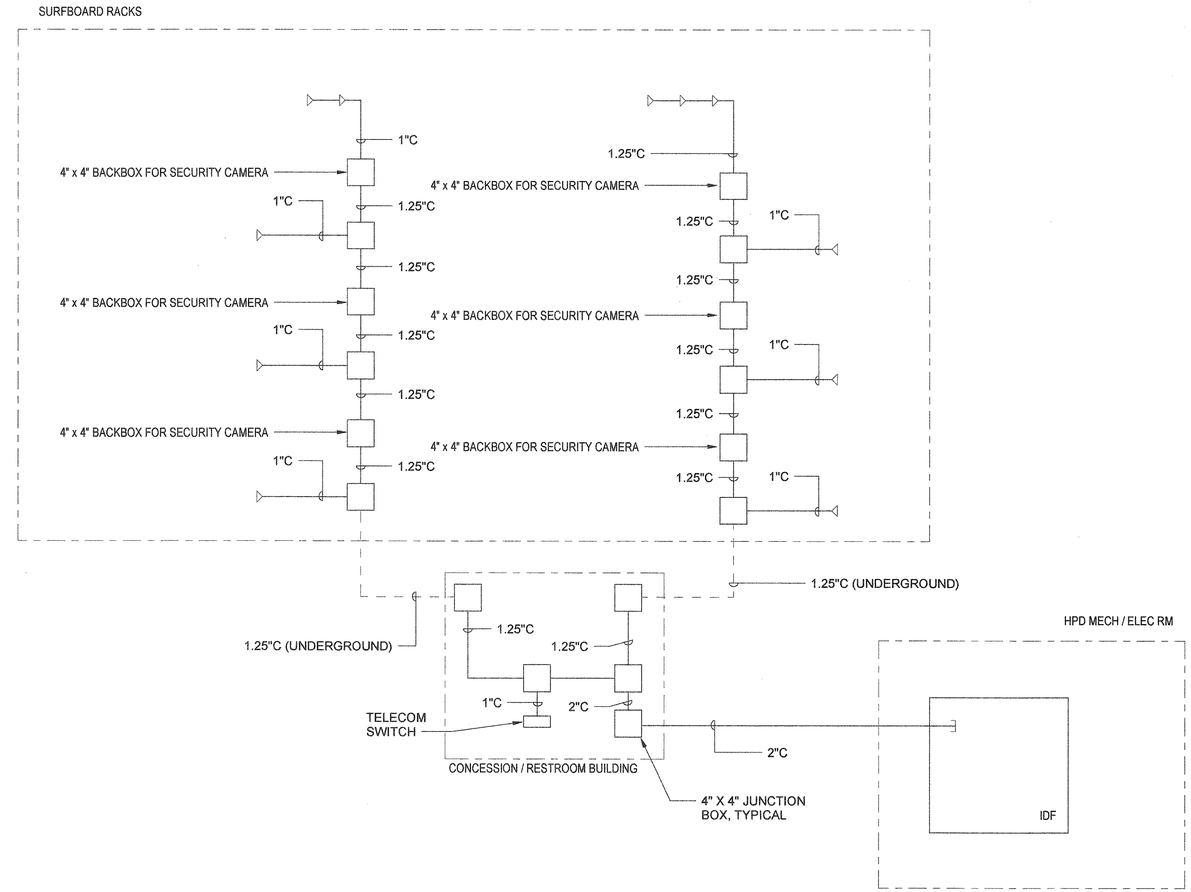
DRAWING NO.:

E501

SHEET NO. 37 OF 43

FILE NO. 61/51

Plot Date: 9/10/2026 11:23:03 AM



1 TELECOM RISER DIAGRAM
NOT TO SCALE

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			OF	
			OF	
			OF	
			OF	
			OF	

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DATE: 9/9/26
ACCEPTED:

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CITY & COUNTY OF HONOLULU

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ELECTRICAL DIAGRAMS

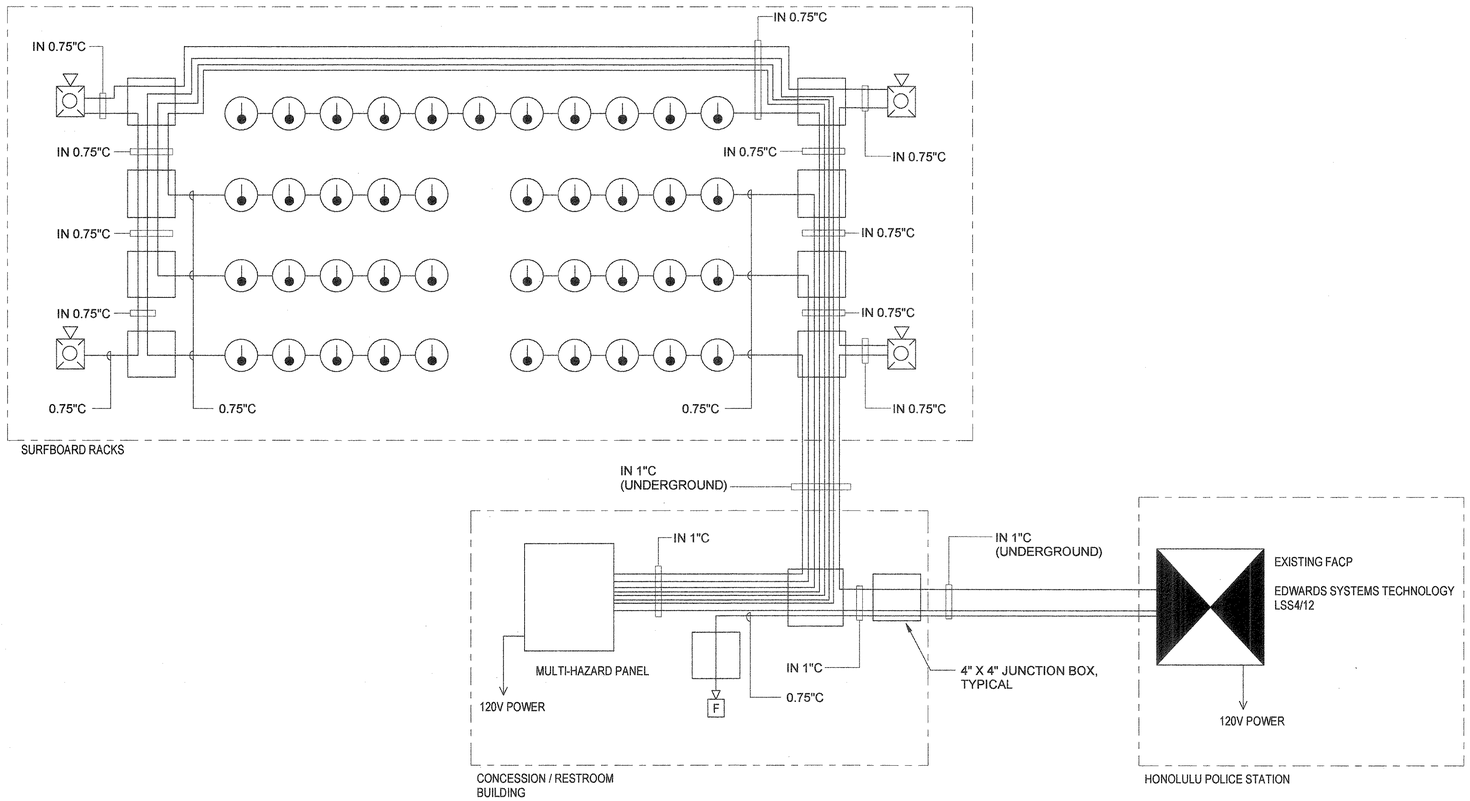
PROJECT NO. 26-P-07

DRAWING NO.:

E601

SHEET NO.	FILE NO.
38 OF 43	61/51

Plot Date: 9/10/2026 11:23:03 AM



1 PARTIAL FIRE ALARM RISER

NOT TO SCALE

GENERAL NOTES:

1. RISER DIAGRAM IS REPRESENTATIVE ONLY. SEE DRAWINGS FOR LOCATIONS OF DEVICES.
2. CONTRACTOR AND FIRE ALARM VENDOR SHALL ADJUST AND ADD DEVICES AS REQUIRED TO OBTAIN APPROVAL BY FIRE DEPARTMENT.
3. COORDINATE CABLING REQUIREMENTS WITH FIRE ALARM SYSTEM VENDOR.

REVISION	DATE	DESCRIPTION	SHT. NO.	APPROVED
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			OF	

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No. 14597-E
HAWAII, U.S.A.

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CHECKED BY: GH
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DATE: 07/25/25
ACCEPTED:
Program Administrator, Mechanical/Electrical Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

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ELECTRICAL DIAGRAMS

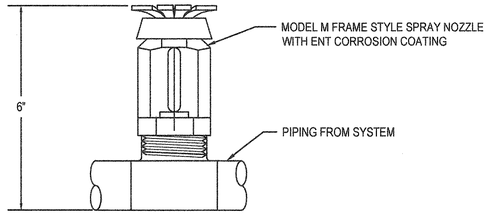
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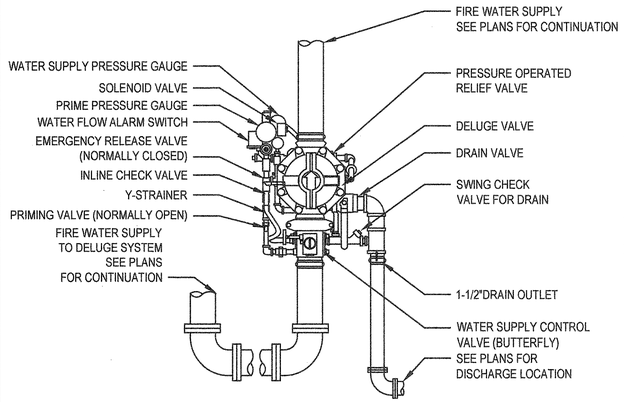
E602

SHEET NO.	FILE NO.
39 OF 43	61/51

Plot Date: 9/10/2026 2:40:42 PM

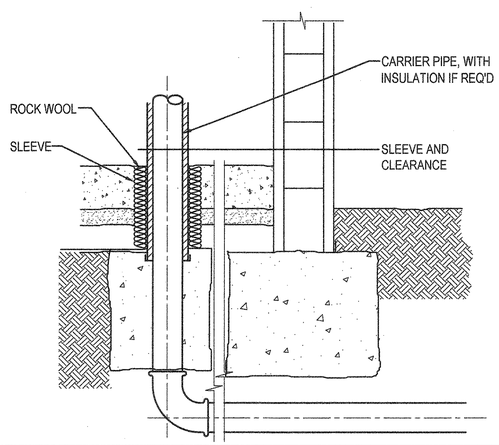


1 UPRIGHT SPRINKLER DETAIL
NOT TO SCALE



NOTES:
1. PROVIDE PRE-TRIMMED, MARINE-GRADE, 316 STAINLESS STEEL , DELUGE VALVE BY THE MANUFACTURER.
2. DRAIN SHALL DISCHARGE TO EXTERIOR AT SPLASH BLOCK. SEE PLANS.
3. PROVIDE ASSOCIATED MULTI-HAZARD RELEASE CONTROL PANEL FOR DELUGE VALVE ACTIVATION.
4. SEE FIRE ALARM DRAWINGS FOR ALL SIGNAL & CONTROL WIRES/POINTS OF CONNECTION.

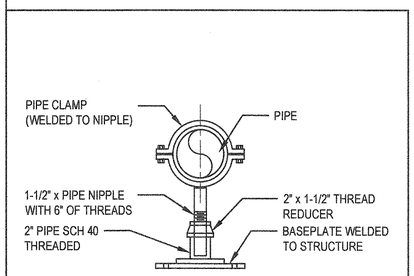
2 DELUGE VALVE DETAIL
NOT TO SCALE



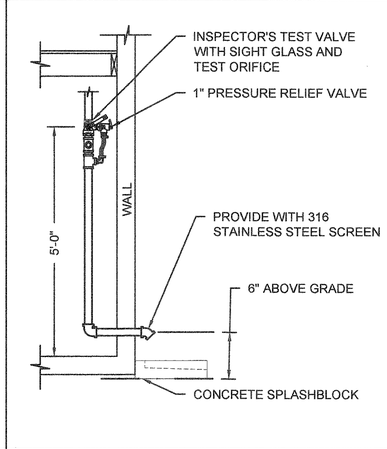
3 U/G PIPE THROUGH SLAB AND FOOTING DETAIL
NOT TO SCALE

FIRE SPRINKLER LEGEND

SYMBOLS	ABBR.	DESCRIPTION
PIPES		
ABBR.	FS	FIRE SPRINKLER PIPE
SPRINKLERS		
○		UPRIGHT DELUGE SPRINKLER WITH ENT CORROSION COATING
SPECIALTIES		
TS		FIRE SPRINKLER VALVE WITH TAMPER SWITCH
FS		FIRE SPRINKLER VALVE WITH TAMPER SWITCH
AFS	AFS	AFS RISER ASSEMBLY (SYMBOL)
	CP	CONTROL PANEL
	P.O.R./P.O.C.	POINT OF REMOVAL/CONNECTION
		CONTINUATION
	UG	UNDERGROUND



4 ADJUSTABLE PIPE STAND
NOT TO SCALE



5 DRAIN DETAIL
NOT TO SCALE

FIRE SPRINKLER NOTES

PART 1 - GENERAL
- A. CONFORM TO APPLICABLE LAWS AND REGULATIONS OF THE STATE OF HAWAII AND CITY & COUNTY OF HONOLULU.
  1. INTERNATIONAL BUILDING CODE (2018) AND LOCAL AMENDMENTS
  2. NFPA STANDARD 1: UNIFORM FIRE CODE (2024) AND LOCAL AMENDMENTS
  3. NFPA STANDARD 10: STANDARD FOR PORTABLE FIRE EXTINGUISHERS (2018)
  4. NFPA STANDARD 13: INSTALLATION OF SPRINKLER SYSTEMS (2019)
  5. INTERNATIONAL ENERGY CONSERVATION CODE (2018) AND LOCAL AMENDMENTS.
- B. GENERAL NOTES:
  1. THIS PLAN MUST NOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY PURPOSE OTHER THAN ORIGINALLY INTENDED WITHOUT APPROVAL FROM WSP.
  2. CHECK EXISTING ELECTRICAL EARTHING TO METALLIC PLUMBING SERVICES. PROVIDE TEMPORARY EARTHING CABLES BETWEEN SERVICES, WHICH ARE TO BE CUT, TERMINATED OR EXTENDED. CONFIRM WITH SITE ELECTRICIAN FOR SAFE PROCEDURES.
  3. ALL DIMENSIONS ARE IN FEET & INCHES UNLESS NOTED OTHERWISE (UNO).
  4. ALL PIPE PENETRATIONS THROUGH FIRE-RATED WALLS AND HORIZONTAL ASSEMBLIES SHALL BE PROTECTED BY AN APPROVED THROUGH-PENETRATION FIRESTOP SYSTEM IN ACCORDANCE WITH IBC AND WITH RATINGS AS DETERMINED BY ASTM E 814 OR UL 1479.
- C. SPECIAL CONDITIONS:
  1. ALL MATERIALS AND WORKMANSHIP IS TO BE IN ACCORDANCE WITH BUILDING STANDARDS. CURRENT BUILDING STANDARDS ARE AVAILABLE FROM THE BUILDING ENGINEER. ANY DEVIATION FROM BUILDING STANDARD IS TO BE APPROVED BY THE BUILDING ENGINEER BEFORE PROCEEDING WITH WORK. GC'S ARE RESPONSIBLE FOR BEING COGNIZANT OF BUILDING REGULATIONS. GC'S WILL BE EXPECTED TO INCLUDE ALL REQUIREMENTS IN THEIR BIDS TO COMPLY WITH BUILDING REGULATIONS.
  2. THE CONTRACTOR SHALL TAKE INTO ACCOUNT ALL RESPONSIBILITIES ASSOCIATED WITH WORKING IN AN OCCUPIED SPACE. CONTRACTOR SHALL TAKE PREVENTATIVE MEASURES NOT TO DISTURB TENANTS. COORDINATE ALL WORK AND NECESSARY SHUT DOWN WITH THE BUILDING MANAGEMENT. ANY WORK WITHIN OTHER OCCUPIED SPACES OR DISRUPTIONS TO THE BUILDING UTILITIES SHALL BE KEPT TO AN ABSOLUTE MINIMUM AND THE WORK WILL BE PERFORMED DURING OFF HOURS.
  3. ALL THE EXISTING ELBOWS, TEES AND FITTINGS DISTURBED BY THE CONTRACTOR DUE TO RENOVATION WORK, SHALL BE REPLACED WITH NEW FITTINGS AND THE PIPING THREADS SHALL BE SEALED WITH PIPE THREAD SEALANT.
  4. CONCRETE FLOOR SLABS SHALL BE X-RAYED BEFORE ANY CORING. ALL CORE PENETRATIONS SHALL BE PROTECTED BY AN APPROVED THROUGH-PENETRATION FIRESTOP SYSTEM.
  5. CONTRACTOR SHALL REPAIR ANY DAMAGES INCURRED TO BACK OF HOUSE AREAS TO ORIGINAL CONDITION BEFORE CONSTRUCTION.
  6. ALL SUPPORTS AND PIPING SHALL NOT OBSTRUCT EQUIPMENT ACCESS AREAS FOR MAINTENANCE SERVICE AND REPAIRS.
  7. ENSURE THAT ALL EQUIPMENT STRUCTURAL OR STEEL SUPPORTS ARE HOT-DIPPED GALVANIZED AFTER FABRICATION, AND THAT ALL EXPOSED SUPPORTS SHALL BE PAINTED, COLOR TO MATCH ADJACENT AREAS.
- D. CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME AWARE OF EXISTING CONDITIONS.
- E. CONTRACTOR SHALL OBTAIN AND PAY FOR APPLICABLE PERMITS, LICENSES, FEES AND OTHER CHARGES FOR WORK NOTED. SUBCONTRACTORS SHALL BE LICENSED FOR WORK THEY PERFORM.
- F. CONTRACTOR SHALL MAINTAIN A SET OF CONTRACT DRAWINGS AT THE JOB SITE, MARKING THEM TO SHOW VARIATIONS BETWEEN THE CONSTRUCTION DOCUMENTS AND THE ACTUAL INSTALLATION. THE VARIATIONS SHALL BE SUBMITTED TO THE OFFICER-IN CHARGE AS THE RECORD SET PRIOR TO PROJECT COMPLETION.
- G. EXISTING CONDITIONS ARE SHOWN IN AN APPROXIMATE WAY AND HAVE NOT BEEN SURVEYED. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AS PART OF THE WORK, PRIOR TO THE SUBMITTING OF HIS BID, AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL CONDITIONS. REASONABLE MODIFICATIONS TO INDICATE LOCATION AND ARRANGEMENT TO SUIT JOB CONDITIONS SHALL NOT CONSTITUTE BASIS FOR REQUESTING OF ADDITIONAL FUNDS FROM THE OWNER.
- H. DRAWINGS ARE DIAGRAMMATIC AND CLOSE COORDINATION WITH OTHER TRADES IS NECESSARY.
- I. PRIOR TO ORDERING MATERIALS AND PROCURING EQUIPMENT, THE CONTRACTOR SHALL BE REQUIRED TO VERIFY ALL EXISTING CONDITIONS, EQUIPMENT, MATERIALS, SIZES AND DIMENSIONS THAT AFFECT HIS WORK. SHOW ALL DISCREPANCIES ON SHOP DRAWINGS AND NOTIFY THE ENGINEER IN WRITING OF SUCH DISCREPANCIES PRIOR TO PROCUREMENT.
- J. THE CONTRACT REQUIRES THE FIRE PROTECTION, CONTROLS, AND MECHANICAL CONTRACTORS TO CAREFULLY COORDINATE THEIR WORK WITH EACH OTHER, THE GENERAL CONTRACTOR, AND OTHER TRADES. PRIORITY SHALL BE GIVEN IN THE FOLLOWING ORDER:
  1. STRUCTURAL ELEMENTS SUPPORTING SURFBOARD RACKS,DOORS & LIGHTING SUPPORTS.
  2. PRESSURIZED FIRE SPRINKLER PIPING.
  3. ELECTRICAL CONDUITS, FIRE ALARM CONDUITS, SECURITY CONDUITS & ASSOCIATED JUNCTION BOXES.
- K. PROVIDE EXPANSION FITTING ON ALL PIPING THAT CROSSES BUILDING EXPANSION JOINT.
- L. ALL PIPING EXPOSED TO VIEW SHALL BE PAINTED PER COLOR SELECTED BY ARCHITECT.
- M. ALL FASTENERS AND JOINING MATERIALS EXPOSED TO ELEMENTS SHALL BE 316 STAINLESS STEEL.
- N. ALL NON-STAINLESS STEEL METAL SUPPORTS EXPOSED TO ELEMENTS SHALL BE HOT-DIPPED GALVANIZED STEEL AFTER FABRICATION AND AFTER HOLES DRILLED FOR STRUCTURAL SUPPORT AND PAINTED WITH TWO COATS OF CORROSION RESISTANT PAINT.

PART 2 - EXECUTION
- A. GENERAL:
  1. COORDINATE ROUTING OF NEW PIPING AND ELECTRICAL WORK. AVOID INTERFERENCES BY DETERMINING THE EXACT ROUTE OF EACH PIPE AND DUCT. PROVIDE OFFSETS AND ROUTING ADJUSTMENTS AS REQUIRED TO MAINTAIN PROPER CLEARANCES AND PIPE SLOPES. FURNISH ANCHOR BOLTS, SLEEVES, INSERTS AND SUPPORTS REQUIRED FOR THIS WORK..
  2. INSTALL ALL EQUIPMENT IN STRICT CONFORMANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
  3. COVER OR SECURELY CLOSE OPEN ENDS OF PIPE TO PREVENT THE ENTRANCE OF DUST AND DEBRIS.
  4. PROVIDE DIELECTRIC CONNECTIONS WHEREVER JOINING DISSIMILAR METALS.
  5. SPRINKLER INSTALLATION TO BE DONE IN STRICT ACCORDANCE WITH NFPA STANDARD 13 REQUIREMENTS BY A LICENSED FIRE SPRINKLER CONTRACTOR. FORMAL INSPECTIONS AS REQUIRED SHALL BE WITNESSED BY AUTHORITY HAVING JURISDICTION.
  6. SPRINKLER HEADS REQUIRING REMOVAL FROM THEIR EXISTING LOCATIONS SHALL NOT BE RE-USED. RE-ROUTE PIPE AND FIT A NEW HEAD.
  7. ALL SPRINKLER HEADS TO BE VERIFIED AS CURRENT BUILDING STANDARD. SHOULD SPRINKLER HEADS NOT MATCH CURRENT BUILDING STANDARD, THEY ARE TO BE REPLACED WHENEVER WORK IS CARRIED OUT IN A SPACE.
- B. CLEANUP:
  1. CLEANUP ALL AREAS OF DEBRIS AT THE END OF EACH DAY AND AT THE END OF THE WORK.

PART 3 - PRODUCTS
1. FIRE SPRINKLER PIPING: PIPING SHALL MATCH BUILDING STANDARD AND SHALL BE 316 STAINLESS STEEL PIPING & FITTINGS, CONFORMING TO NFPA 13 STANDARDS.
2. FIRE SPRINKLERS: SPRINKLERS SHALL BE UPRIGHT MODEL M FRAME STYLE SPRAY NOZZLE WITH ENT CORROSION COATING, CONFORMING TO NFPA 13 STANDARDS.
3. PROVIDE 316 STAINLESS STEEL & FITTINGS HANGERS AND SUPPORTS IN ACCORDANCE WITH NFPA 13.
4. AUTOMATIC SPRINKLER SYSTEM TO BE PROVIDED WITH EARTHQUAKE BRACING IN ACCORDANCE WITH IBC 1613.1 AND NFPA 13, 9.3.

CITY AND COUNTY OF HONOLULU
REVISED ORDINANCES OF HONOLULU 2021
CHAPTER 16B

To the best of my knowledge, this project's design substantially conforms to the Building Energy Conservation Code for:

_____ Building Component Systems
_____ Electrical Component Systems
__X__ Mechanical Component Systems

KEVIN T. LUOMA LICENSED PROFESSIONAL ENGINEER No. 13191-M HAWAII, U.S.A.

Signature: _____ Date: 9/11/26
Name: KEVIN T. LUOMA
Title: MECHANICAL ENGINEER
License No: 13191-M

APPROVED	SHT. NO.	DESCRIPTION	DATE:	REVISION
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KEVIN T. LUOMA LICENSED PROFESSIONAL ENGINEER No. 13191-M HAWAII, U.S.A.

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DRAWN BY: JH
DATE: 09/09/2026
ACCEPTED:
Program Administrator, Mechanical/Electrical Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HAWAII

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FIRE SPRINKLER NOTES AND LEGEND

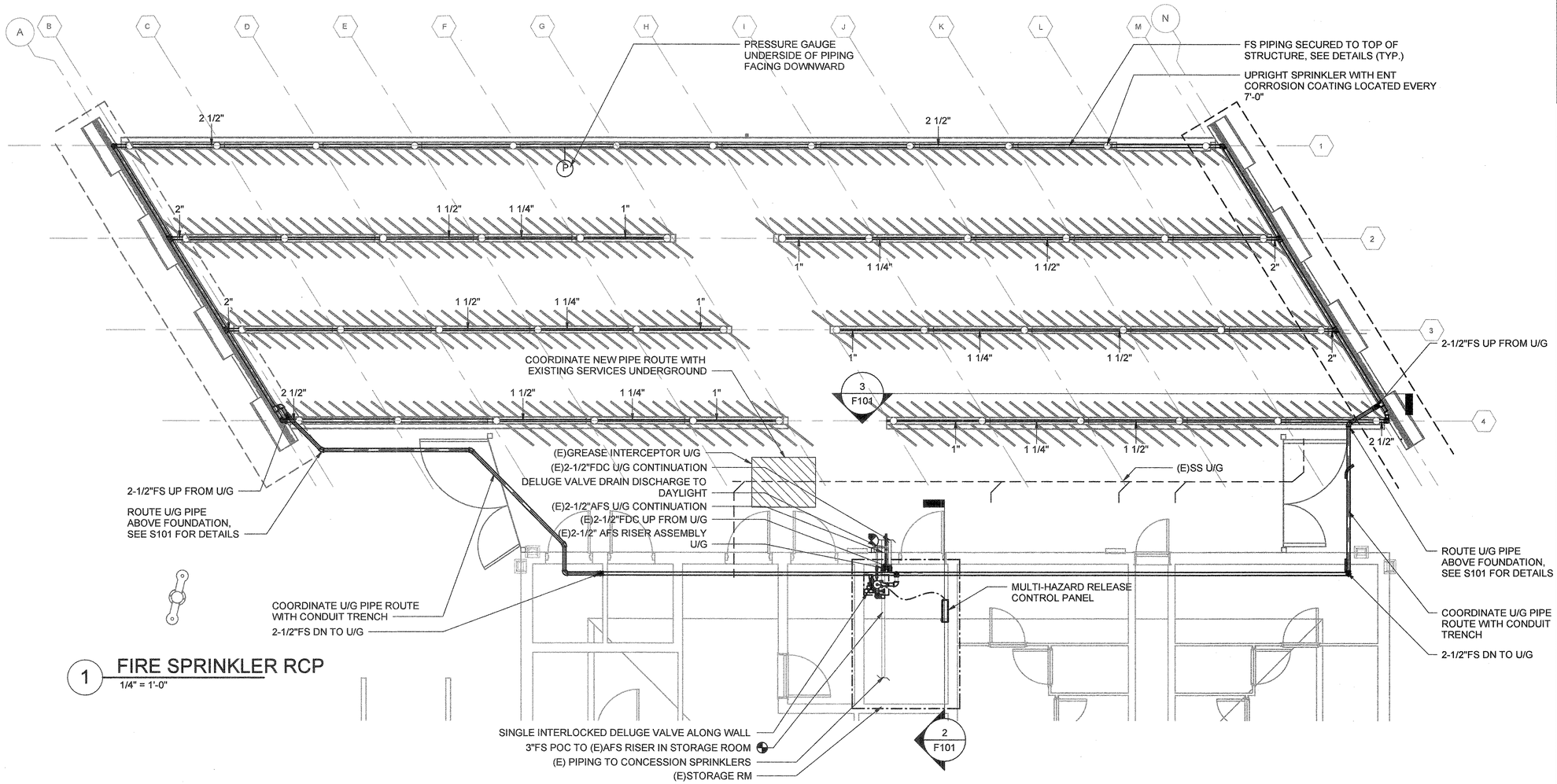
PROJECT NO. 26-P-07

DRAWING NO.:
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SHEET NO. 40 OF 43

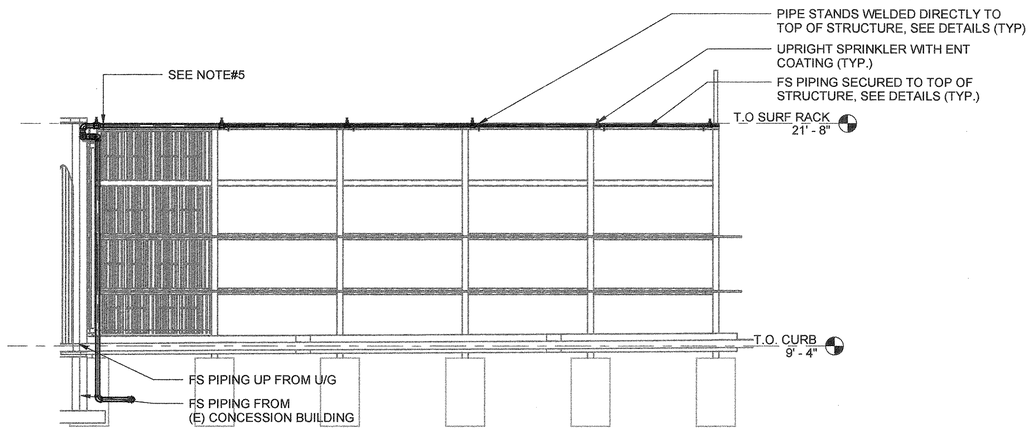
FILE NO. 61/51

Plot Date: 9/10/2026 3:36:09 PM



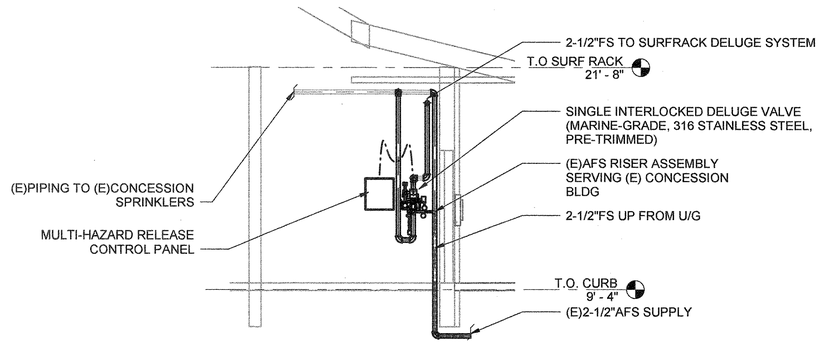
1 FIRE SPRINKLER RCP

1/4" = 1'-0"



3 FP SECTION 3

1/4" = 1'-0"



2 FP SECTION 2

1/4" = 1'-0"

GENERAL NOTES

1. EXISTING CONDITIONS AND NOTIFY WSP OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. ANY DISCREPANCIES FOUND ON SITE SHALL BE TAKEN CARE OF IN A PROFESSIONAL WAY, IN ACCORDANCE WITH NFPA STANDARDS.
2. THE EXISTING AUTOMATIC FIRE SPRINKLER SYSTEM SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. NEW INSTALLATION SHALL BE COMPLETED SUCH THAT THE AUTOMATIC FIRE SPRINKLER SYSTEM IS NOT OUT OF SERVICE FOR MORE THAN 4-HOURS IN A 24-HOUR PERIOD; OTHERWISE, A FIRE WATCH SHALL BE PROVIDED.
3. THE LOCATION AND QUANTITY OF EXISTING PIPING AND EQUIPMENT ARE SHOWN AS REFERENCE ONLY. IT IS EXPECTED THAT MORE PIPING AND EQUIPMENT WILL BE FOUND IN THE DEMOLITION AREAS. THE CONTRACT SHALL ALLOW FOR FIELD VISITS AND REVIEW OF RECORD DRAWINGS TO VERIFY THE EXISTING CONDITIONS BEFORE COMMENCING WORK.
4. PROVIDE PLUGS FOR THE OPEN/DELUGE SPRINKLERS TO PREVENT TAMPERING BY RODENT/VERMIN.
5. SECURE PIPING DIRECTLY TO THE TOP OF STRUCTURE VIA ADJUSTABLE PIPE STANDS, SEE DETAILS.NO PENETRATIONS TO STRUCTURE ALLOWED.
6. PROVIDE APPROPRIATE SIGNAGE FOR DELUGE VALVE , CONTROL PANEL & ASSOCIATED EQUIPMENT

GRAPHIC SCALE
0 2' 4' 8'
1/4" = 1'-0"

REVISION	DATE	DESCRIPTION	SHT. NO.	APPROVED
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DESIGNED BY: JH
CHECKED BY: KL
DRAWN BY: JH
DATE: 09/09/26
ACCEPTED BY:
Program Administrator, Mechanical/Electrical Division

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY & COUNTY OF HONOLULU

WAIKIKI SURF RACKS

2395 KALAKAUA AVE, HONOLULU, HI 96815

TAX KEY: 2-6-001: 008, 015, 018, 019

FIRE SPRINKLER PLAN

PROJECT NO. 26-P-07

DRAWING NO.:

F101

SHEET NO.	FILE NO.
41 OF 43	61/51

Plot Date: 9/10/2026 1:53:49 PM

PLUMBING LEGEND

SYMBOLS	ABBR.	DESCRIPTION
PLUMBING		
ABBR.	ABBR	PIPE DESIGNATION ABBREVIATION
	CW	COLD WATER
	SS	SANITARY OR WASTE
4"Ø	Ø	PIPE DIAMETER
		PIPING TURNED DOWN
		PIPING TURNED UP
		EXISTING PIPING OR EQUIPMENT
	EX/(E)	EXISTING/DEMO PIPING OR EQUIPMENT
		PIPE CAPPED/PLUGGED
	P.O.C.	POINT OF CONNECTION
	P.O.R./P.O.C.	POINT OF REMOVAL/CONNECTION
		CONTINUATION
FIXTURES		
	DF	DRINKING FOUNTAIN
VALVES		
		STOP VALVE IN CAST IRON BOX WITH COMPOSITE BOX WITH H10 RATED COVER

BOARD OF WATER SUPPLY FLOW REQUIREMENTS

PREMISE ID#: 83344226267
METER NUMBER (M/N): 1407123690

	DESCRIPTION	F.U.	GPM	GPD
A.	PROPOSED: DOMESTIC	2.2	3.0	120
B.	PROPOSED: IRRIGATION	0.0	0.0	0
C.	PROPOSED: OTHER (POOL/SPA , COOLING TOWER, ETC)	0.0	0.0	0
D.	TOTAL PROPOSED	2.2	3.0	120
E.	DEMOLITION: DOMESTIC	0.6	3.0	120
F.	NET CHANGE	1.6	0.0	0.0

NEW PLUMBING FIXTURES

FIXTURE	NO.	F.U. (EACH)	TOTAL F.U.
DRINKING FOUNTAIN (DF) (non-refrigerated with dual level bubbler & bottle filler)	1	2.2	2.2
TOTAL			2.2

PLUMBING FIXTURES TO BE DEMOLISHED

FIXTURE	NO.	F.U. (EACH)	TOTAL F.U.
DRINKING FOUNTAIN (DF)	1	0.6	0.6
TOTAL			0.6

NOTES:

1. IRRIGATION DONE DURING OFF-PEAK HOURS; NOT TO EXCEED METER SIZE.

2. A/C WORK WILL NOT AFFECT WATER DEMAND. A/C SYSTEM DOES NOT REQUIRE DOMESTIC WATER CONNECTION.

3. THE EXISTING FIRE METER IS ADEQUATE TO SERVICE THE AUTOMATIC FIRE SPRINKLER SYSTEM, INCLUSIVE OF THIS PROJECT'S SCOPE OF WORK.

PLUMBING NOTES

PART 1 - GENERAL

A. CONFORM TO APPLICABLE LAWS AND REGULATIONS OF THE STATE OF HAWAII AND CITY & COUNTY OF HONOLULU.
   1. INTERNATIONAL BUILDING CODE (2018) AND LOCAL AMENDMENTS
   2. UNIFORM PLUMBING CODE (2021) AND LOCAL AMENDMENTS
   3. INTERNATIONAL ENERGY CONSERVATION CODE (2018) AND LOCAL AMENDMENTS.

B. GENERAL NOTES:
   1. THIS PLAN MUST NOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY PURPOSE OTHER THAN ORIGINALLY INTENDED WITHOUT APPROVAL FROM WSP.
   2. CHECK EXISTING ELECTRICAL EARTHING TO METALLIC PLUMBING SERVICES. PROVIDE TEMPORARY EARTHING CABLES BETWEEN SERVICES, WHICH ARE TO BE CUT, TERMINATED OR EXTENDED. CONFIRM WITH SITE ELECTRICIAN FOR SAFE PROCEDURES.
   3. ALL DIMENSIONS ARE IN FEET & INCHES UNLESS NOTED OTHERWISE (UNO).
   4. ALL PIPE PENETRATIONS THROUGH FIRE-RATED WALLS AND HORIZONTAL ASSEMBLIES SHALL BE PROTECTED BY AN APPROVED THROUGH-PENETRATION FIRESTOP SYSTEM IN ACCORDANCE WITH IBC AND WITH RATINGS AS DETERMINED BY ASTM E 814 OR UL 1479.

C. SPECIAL CONDITIONS:
   1. ALL MATERIALS AND WORKMANSHIP IS TO BE IN ACCORDANCE WITH BUILDING STANDARDS. CURRENT BUILDING STANDARDS ARE AVAILABLE FROM THE BUILDING ENGINEER. ANY DEVIATION FROM BUILDING STANDARD IS TO BE APPROVED BY THE BUILDING ENGINEER BEFORE PROCEEDING WITH WORK. GC'S ARE RESPONSIBLE FOR BEING COGNIZANT OF BUILDING REGULATIONS. GC'S WILL BE EXPECTED TO INCLUDE ALL REQUIREMENTS IN THEIR BIDS TO COMPLY WITH BUILDING REGULATIONS.
   2. THE CONTRACTOR SHALL TAKE INTO ACCOUNT ALL RESPONSIBILITIES ASSOCIATED WITH WORKING IN AN OCCUPIED SPACE. CONTRACTOR SHALL TAKE PREVENTATIVE MEASURES NOT TO DISTURB TENANTS. COORDINATE ALL WORK AND NECESSARY SHUT DOWN WITH THE BUILDING MANAGEMENT. ANY WORK WITHIN OTHER OCCUPIED SPACES OR DISRUPTIONS TO THE BUILDING UTILITIES SHALL BE KEPT TO AN ABSOLUTE MINIMUM AND THE WORK WILL BE PERFORMED DURING OFF HOURS.
   3. ALL THE EXISTING ELBOWS, TEES AND FITTINGS DISTURBED BY THE CONTRACTOR DUE TO RENOVATION WORK, SHALL BE REPLACED WITH NEW FITTINGS AND THE PIPING THREADS SHALL BE SEALED WITH PIPE THREAD SEALANT.
   4. CONCRETE FLOOR SLABS SHALL BE X-RAYED BEFORE ANY CORING. ALL CORE PENETRATIONS SHALL BE PROTECTED BY AN APPROVED THROUGH-PENETRATION FIRESTOP SYSTEM.
   5. CONTRACTOR SHALL REPAIR ANY DAMAGES INCURRED TO BACK OF HOUSE AREAS TO ORIGINAL CONDITION BEFORE CONSTRUCTION.
   6. ALL SUPPORTS AND PIPING SHALL NOT OBSTRUCT EQUIPMENT ACCESS AREAS FOR MAINTENANCE SERVICE AND REPAIRS.
   7. ENSURE THAT ALL EQUIPMENT STRUCTURAL OR STEEL SUPPORTS ARE HOT-DIPPED GALVANIZED AFTER FABRICATION, AND THAT ALL EXPOSED SUPPORTS SHALL BE PAINTED, COLOR TO MATCH ADJACENT AREAS.

D. CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME AWARE OF EXISTING CONDITIONS.

E. CONTRACTOR SHALL OBTAIN AND PAY FOR APPLICABLE PERMITS, LICENSES, FEES AND OTHER CHARGES FOR WORK NOTED. SUBCONTRACTORS SHALL BE LICENSED FOR WORK THEY PERFORM.

F. CONTRACTOR SHALL MAINTAIN A SET OF CONTRACT DRAWINGS AT THE JOB SITE, MARKING THEM TO SHOW VARIATIONS BETWEEN THE CONSTRUCTION DOCUMENTS AND THE ACTUAL INSTALLATION. THE VARIATIONS SHALL BE SUBMITTED TO THE OFFICER-IN CHARGE AS THE RECORD SET PRIOR TO PROJECT COMPLETION.

G. EXISTING CONDITIONS ARE SHOWN IN AN APPROXIMATE WAY AND HAVE NOT BEEN SURVEYED. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AS PART OF THE WORK, PRIOR TO THE SUBMITTING OF HIS BID, AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL CONDITIONS. REASONABLE MODIFICATIONS TO INDICATE LOCATION AND ARRANGEMENT TO SUIT JOB CONDITIONS SHALL NOT CONSTITUTE BASIS FOR REQUESTING OF ADDITIONAL FUNDS FROM THE OWNER.

H. DRAWINGS ARE DIAGRAMMATIC AND CLOSE COORDINATION WITH OTHER TRADES IS NECESSARY.

I. PRIOR TO ORDERING MATERIALS AND PROCURING EQUIPMENT, THE CONTRACTOR SHALL BE REQUIRED TO VERIFY ALL EXISTING CONDITIONS, EQUIPMENT, MATERIALS, SIZES AND DIMENSIONS THAT AFFECT HIS WORK. SHOW ALL DISCREPANCIES ON SHOP DRAWINGS AND NOTIFY THE ENGINEER IN WRITING OF SUCH DISCREPANCIES PRIOR TO PROCUREMENT.

J. THE CONTRACT REQUIRES THE FIRE PROTECTION, CONTROLS, AND MECHANICAL CONTRACTORS TO CAREFULLY COORDINATE THEIR WORK WITH EACH OTHER, THE GENERAL CONTRACTOR, AND OTHER TRADES. PRIORITY SHALL BE GIVEN IN THE FOLLOWING ORDER:
   1. GRAVITY SLOPED PLUMBING PIPING.
   2. EQUIPMENT AND DUCTWORK.
   3. FORCED AND PRESSURE PIPING SUCH AS WATER AND FIRE SPRINKLER PIPING.

K. ALL PIPING EXPOSED TO VIEW SHALL BE PAINTED PER COLOR SELECTED BY ARCHITECT.

L. ALL FASTENERS AND JOINING MATERIALS EXPOSED TO ELEMENTS SHALL BE 316 STAINLESS STEEL.

M. ALL NON-STAINLESS STEEL METAL SUPPORTS EXPOSED TO ELEMENTS SHALL BE HOT-DIPPED GALVANIZED STEEL AFTER FABRICATION AND AFTER HOLES DRILLED FOR STRUCTURAL SUPPORT AND PAINTED WITH TWO COATS OF CORROSION RESISTANT PAINT.

PART 2 - EXECUTION

A. GENERAL:
   1. COORDINATE ROUTING OF NEW PIPING, EXISTING UNDERGROUND UTILITY AND ELECTRICAL WORK. AVOID INTERFERENCES BY DETERMINING THE EXACT ROUTE OF EACH PIPE AND EXISTING SERVICE. PROVIDE OFFSETS AND ROUTING ADJUSTMENTS AS REQUIRED TO MAINTAIN PROPER CLEARANCES AND PIPE SLOPES. FURNISH ANCHOR BOLTS, SLEEVES, INSERTS AND SUPPORTS REQUIRED FOR THIS WORK.
   2. EQUIPMENT AND PIPING SUPPORTS SHALL BE PROVIDED IN STRICT CONFORMANCE WITH APPLICABLE CODES AND/OR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
   3. INSTALL ALL EQUIPMENT IN STRICT CONFORMANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
   4. COVER OR SECURELY CLOSE OPEN ENDS OF PIPE TO PREVENT THE ENTRANCE OF DUST AND DEBRIS.
   5. PROVIDE DIELECTRIC CONNECTIONS WHEREVER JOINING DISSIMILAR METALS.
   6. PROVIDE ISOLATION VALVE IN UNDERGROUND COMPOSITE VALVE BOX.

B. CLEANUP:
   1. CLEANUP ALL AREAS OF DEBRIS AT THE END OF EACH DAY AND AT THE END OF THE WORK.

PART 3 - PRODUCTS

A. MATERIALS: ALL MATERIALS EXCEPT OWNER-FURNISHED ITEMS SHALL BE NEW AND FREE FROM DEFECTS.
   1. DOMESTIC WATER PIPING: UNDERGROUND ASTM B88 SOFT TUBING, TYPE K COPPER WITH WROUGHT COPPER FITTINGS WITH ASTM B32 SOLDER, GRADE 95TA.
   2. DRAIN, WASTE AND VENT PIPING: UNDERGROUND DWV PIPING SHALL BE SOLID WALL SCHEDULE 40 DWV TYPE PVC.

CITY AND COUNTY OF HONOLULU
REVISED ORDINANCES OF HONOLULU 2021
CHAPTER 16B

To the best of my knowledge, this project's design substantially conforms to the Building Energy Conservation Code for:

_____ Building Component Systems
_____ Electrical Component Systems
_X_ Mechanical Component Systems

KEVIN T. LUOMA LICENSED PROFESSIONAL ENGINEER No. 13191-M HAWAII, U.S.A.

Signature: _____ Date: 9/11/26
Name: KEVIN T. LUOMA
Title: MECHANICAL ENGINEER
License No: 13191-M

PLUMBING PHASES OF WORK:

THE FOLLOWING PHASES ARE INCLUDED IN THIS PROJECT'S SCOPE OF PLUMBING WORK :

- ☒ P1 – Plumbing Fixtures, Equipment
- ☐ P2a – Sanitary Piping System (Interior)
- ☒ P2b – Building Piping System, (Exterior)
- ☐ P2c – Sewer Lateral Connection
- ☐ P2d – Private Sewage Disposal System
- ☐ P3a – Water Distribution System (Interior)
- ☐ P3b – Building Supply (Outside Water Piping)
- ☐ P3c – Backflow Preventer
- ☒ P4a – Automatic Fire Sprinkler System (Except Water Supply)
- ☒ P4b – Water Supply for Fire Sprinkler System
- ☐ P4c – Standpipes
- ☐ P5a – Fuel Gas Piping Systems
- ☐ P5b – Gas Appliances
- ☐ P6a – Solar Water Heating System (Except Water Supply)
- ☐ P6b – Solar Water Heaters – Water Supply
- ☐ P7 – Irrigation Sprinkler System – Water Supply, Including Backflow Preventer
- ☐ P8 – Swimming Pool – Potable Water Supply, Indirect Drainage
- ☐ P9 – Medical Gas System
- ☐ P10a – Non-potable Gray Water System (Interior)
- ☐ P10b – Non-potable Gray Water System (Exterior)
- ☐ P11a – Non-potable Reclaimed Water System (Interior)
- ☐ P11b – Non-potable Reclaimed Water System (Exterior)
- ☐ P12a – Non-potable Rainwater System (Interior)
- ☐ P12b – Non-potable Rainwater System (Exterior)
- ☐ P13 – Storm Drain Piping (Within 5'ft of Building)

SHT. NO.	DESCRIPTION	DATE:	REVISION
			APPROVED
05			
05			
05			
05			
05			

KEVIN T. LUOMA LICENSED PROFESSIONAL ENGINEER No. 13191-M HAWAII, U.S.A.

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PLUMBING NOTES AND LEGEND

PROJECT NO. 26-P-07

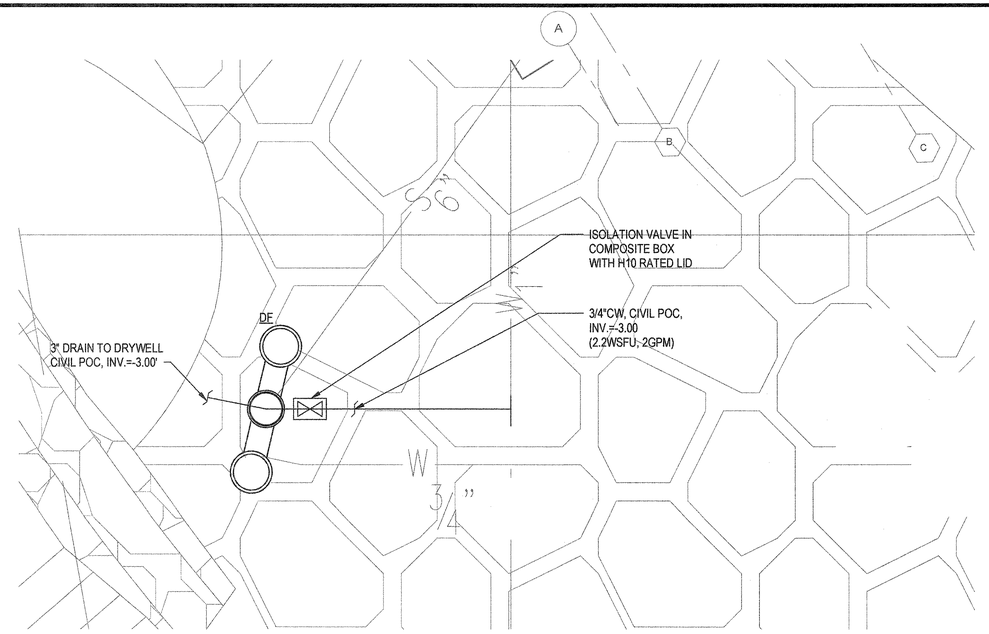
DRAWING NO.:

P001

SHEET NO. 42 OF 43

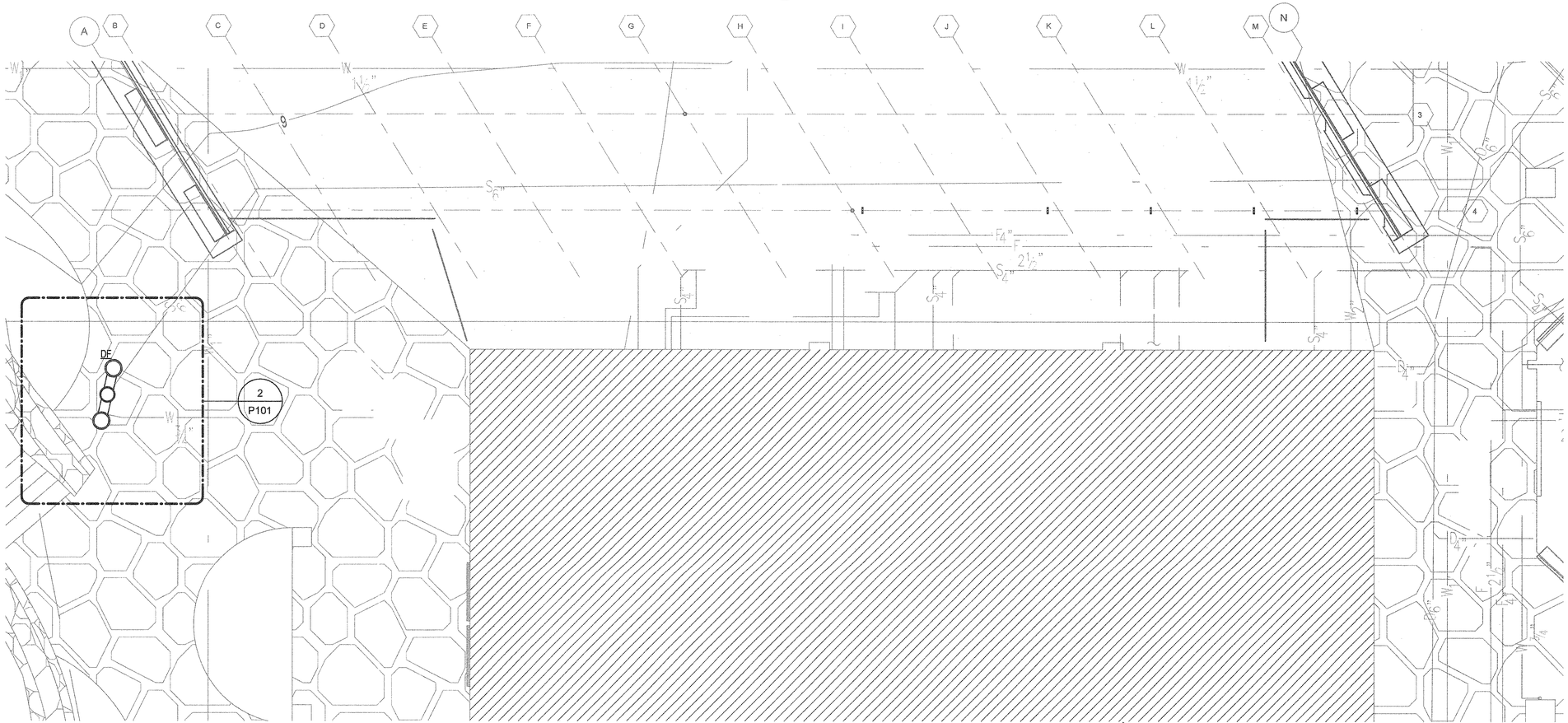
FILE NO. 61/51

Plot Date:



2 ENLARGED PLAN
1/2" = 1'-0"

GRAPHIC SCALE
0 1' 2' 4'
1/2" = 1'-0"



1 PLUMBING SITE PLAN
1/4" = 1'-0"

GRAPHIC SCALE
0 2' 4' 8'
1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS NOTIFY WSP OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. ANY DISCREPANCIES SHALL BE TAKEN CARED OF IN A PROFESSIONAL WAY IN ACCORDANCE WITH UPC STANDARDS AT NO COST TO THE OWNER OR THEIR REPRESENTATIVE.

2. THE LOCATION AND QUANTITY OF EXISTING PIPING AND EQUIPMENT ARE SHOWN AS REFERENCE ONLY. IT IS EXPECTED THAT MORE PIPING AND EQUIPMENT WILL BE FOUND IN THE DEMOLITION AREAS. THE CONTRACT SHALL ALLOW FOR FIELD VISITS AND REVIEW OF RECORD DRAWINGS TO VERIFY EXISTING CONDITIONS BEFORE COMMENCING WORK.

3. COORDINATE ALL WATER AND SEWER SHUT-DOWNS WITH BUILDING OPERATIONS 72-HOURS IN ADVANCE.

4. LOCATE ALL ISOLATION VALVE IN AN ACCESSIBLE LOCATION OR PROVIDE 1SF ACCESS PANEL FOR STUB OUT LOCATIONS ONLY. REFER TO CIVIL PLANS FOR EXACT PIPE ROUTE COORDINATED WITH OTHER SITE UTILITIES.

5. SEE GRADE ELEVATIONS ON CIVIL PLANS FOR COTG'S.

6. ALL INVERTS BASED ON FINISHED FLOOR ELEVATIONS.

7. PAINT ALL EXPOSED PIPING & SUPPORTS PER ARCHITECTURAL SPECIFICATIONS.

8. SEE LEVEL 1 PLAN FOR PIPE CONTINUATION WITHIN BUILDING

9. SEE ENLARGED PLANS FOR SEWER CLEANOUT TO GRADE WITHIN 5' OF BUILDING DRAIN/SEWER POINT OF CONNECTION.

REVISION	DATE	SHT. NO.	APPROVED
		DF	
		DF	
		DF	
		DF	
		DF	

DESCRIPTION

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HAWAII, U.S.A.

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PLUMBING SITE PLAN

PROJECT NO. 28-P-07

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SHEET NO. 43 OF 43
FILE NO. 61/51

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